284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-6**								
Q3534-01	MW-6	Water	Dichlorodifluoromethane		1.20		0.22	1.00	ug/L
Q3534-01	MW-6	Water	Acetone		3.00	J	1.50	5.00	ug/L
Q3534-01	MW-6	Water	Methyl tert-butyl Ether		0.32	J	0.16	1.00	ug/L
Q3534-01	MW-6	Water	Benzene		6.90		0.15	1.00	ug/L
Q3534-01	MW-6	Water	Toluene		0.28	J	0.14	1.00	ug/L
Q3534-01	MW-6	Water	Chlorobenzene		54.7		0.12	1.00	ug/L
Q3534-01	MW-6	Water	m/p-Xylenes		0.35	J	0.24	2.00	ug/L
Q3534-01	MW-6	Water	o-Xylene		0.68	J	0.12	1.00	ug/L
Q3534-01	MW-6	Water	Isopropylbenzene		2.00		0.12	1.00	ug/L
Q3534-01	MW-6	Water	1,4-Dichlorobenzene		4.10		0.19	1.00	ug/L
Q3534-01	MW-6	Water	1,2-Dichlorobenzene		2.80		0.16	1.00	ug/L
			Total Voc :		76.3				
Q3534-01	MW-6	Water	Tetrahydrofuran	*	35.8	J	0.99	5.00	ug/L
Q3534-01	MW-6	Water	Tert butyl alcohol	*	24.6	J	5.50	25.0	ug/L
Q3534-01	MW-6	Water	Diethyl Ether	*	33.6	J	0.31	1.00	ug/L
Q3534-01	MW-6	Water	n-propylbenzene	*	0.26	J	0.13	1.00	ug/L
Q3534-01	MW-6	Water	2-Chlorotoluene	*	0.39	J	0.14	1.00	ug/L
Q3534-01	MW-6	Water	1,2,4-Trimethylbenzene	*	0.21	J	0.14	1.00	ug/L
Q3534-01	MW-6	Water	Diisopropyl ether	*	46.8	J	0.15	1.00	ug/L
			Total Tics :		142				
			Total Concentration:		218				
Client ID:	**MW-1**								
Q3534-02	MW-1	Water	Carbon Disulfide		0.74	J	0.21	1.00	ug/L
Q3534-02	MW-1	Water	trans-1,2-Dichloroethene		0.38	J	0.23	1.00	ug/L
Q3534-02	MW-1	Water	cis-1,2-Dichloroethene		1.80		0.19	1.00	ug/L
			Total Voc :		2.92				
Q3534-02	MW-1	Water	Tert butyl alcohol	*	110	J	5.50	25.0	ug/L
Q3534-02	MW-1	Water	Diethyl Ether	*	35.6	J	0.31	1.00	ug/L
Q3534-02	MW-1	Water	Diisopropyl ether	*	3.70	J	0.15	1.00	ug/L
			Total Tics :		149				
			Total Concentration:		152				
Client ID:	**MW-5**								
Q3534-04	MW-5	Water	Chlorobenzene		0.31	J	0.12	1.00	ug/L
			Total Voc :		0.31				
Q3534-04	MW-5	Water	Tetrahydrofuran	*	2.80	J	0.99	5.00	ug/L
Q3534-04	MW-5	Water	Diethyl Ether	*	1.50	J	0.31	1.00	ug/L
			Total Tics :		4.30				

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		4.61				
Client ID:	**MW-EB-1**								
Q3534-05	MW-EB-1	Water	Benzene		4.80		0.15	1.00	ug/L
Q3534-05	MW-EB-1	Water	Chlorobenzene		32.8		0.12	1.00	ug/L
Q3534-05	MW-EB-1	Water	m/p-Xylenes		0.28	J	0.24	2.00	ug/L
Q3534-05	MW-EB-1	Water	o-Xylene		0.91	J	0.12	1.00	ug/L
Q3534-05	MW-EB-1	Water	Isopropylbenzene		48.5		0.12	1.00	ug/L
Q3534-05	MW-EB-1	Water	1,4-Dichlorobenzene		3.80		0.19	1.00	ug/L
Q3534-05	MW-EB-1	Water	1,2-Dichlorobenzene		0.46	J	0.16	1.00	ug/L
			Total Voc :		91.5				
Q3534-05	MW-EB-1	Water	Benzene, 1,2,3,4-tetramethyl-	*	10.0	J	0	0	ug/L
Q3534-05	MW-EB-1	Water	Indane	*	80.0	J	0	0	ug/L
Q3534-05	MW-EB-1	Water	Indan, 1-methyl-	*	10.4	J	0	0	ug/L
Q3534-05	MW-EB-1	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	10.8	J	0	0	ug/L
Q3534-05	MW-EB-1	Water	Sulfur dioxide	*	12.4	J	0	0	ug/L
Q3534-05	MW-EB-1	Water	Tetrahydrofuran	*	24.6	J	0.99	5.00	ug/L
Q3534-05	MW-EB-1	Water	Tert butyl alcohol	*	8.70	J	5.50	25.0	ug/L
Q3534-05	MW-EB-1	Water	Diethyl Ether	*	46.7	J	0.31	1.00	ug/L
Q3534-05	MW-EB-1	Water	n-propylbenzene	*	49.3	J	0.13	1.00	ug/L
Q3534-05	MW-EB-1	Water	2-Chlorotoluene	*	3.90	J	0.14	1.00	ug/L
Q3534-05	MW-EB-1	Water	4-Chlorotoluene	*	0.63	J	0.13	1.00	ug/L
Q3534-05	MW-EB-1	Water	tert-Butylbenzene	*	0.27	J	0.14	1.00	ug/L
Q3534-05	MW-EB-1	Water	sec-Butylbenzene	*	1.80	J	0.13	1.00	ug/L
Q3534-05	MW-EB-1	Water	n-Butylbenzene	*	1.90	J	0.15	1.00	ug/L
Q3534-05	MW-EB-1	Water	Diisopropyl ether	*	11.3	J	0.15	1.00	ug/L
			Total Tics :		273				
			Total Concentration:		364				
Client ID:	**MW-EB-2**								
Q3534-06	MW-EB-2	Water	Chlorobenzene		2.50		0.12	1.00	ug/L
Q3534-06	MW-EB-2	Water	1,4-Dichlorobenzene		1.60		0.19	1.00	ug/L
			Total Voc :		4.10				
Q3534-06	MW-EB-2	Water	Tetrahydrofuran	*	4.50	J	0.99	5.00	ug/L
Q3534-06	MW-EB-2	Water	Diethyl Ether	*	5.20	J	0.31	1.00	ug/L
Q3534-06	MW-EB-2	Water	Diisopropyl ether	*	2.80	J	0.15	1.00	ug/L
			Total Tics :		12.5				
			Total Concentration:		16.6				
Client ID:	**MW-EB-3**								
Q3534-07	MW-EB-3	Water	Chlorobenzene		5.90		0.12	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3534-07	MW-EB-3	Water	1,4-Dichlorobenzene		1.00		0.19	1.00	ug/L
			Total Voc :		6.90				
Q3534-07	MW-EB-3	Water	Tetrahydrofuran	*	2.00	J	0.99	5.00	ug/L
Q3534-07	MW-EB-3	Water	Diethyl Ether	*	1.10	J	0.31	1.00	ug/L
			Total Tics :		3.10				
			Total Concentration:		10.0				
Client ID:	**FB-1**								
Q3534-09	FB-1	Water	Chloroform		0.76	J	0.25	1.00	ug/L
Q3534-09	FB-1	Water	Chlorobenzene		0.59	J	0.12	1.00	ug/L
			Total Voc :		1.35				
			Total Concentration:		1.35				

SAMPLE DATA

Raw Data: **VV039321.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20		1	0.22	1.00	ug/L	11/04/25 17:47	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 17:47	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:47	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 17:47	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 17:47	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 17:47	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:47	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:47	VV110425
67-64-1	Acetone	3.00	J	1	1.50	5.00	ug/L	11/04/25 17:47	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:47	VV110425
1634-04-4	Methyl tert-butyl Ether	0.32	J	1	0.16	1.00	ug/L	11/04/25 17:47	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 17:47	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 17:47	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:47	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:47	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 17:47	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 17:47	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:47	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:47	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:47	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:47	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:47	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:47	VV110425
71-43-2	Benzene	6.90		1	0.15	1.00	ug/L	11/04/25 17:47	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:47	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 17:47	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:47	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:47	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 17:47	VV110425
108-88-3	Toluene	0.28	J	1	0.14	1.00	ug/L	11/04/25 17:47	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 17:47	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:47	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:47	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 17:47	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 17:47	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:47	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:47	VV110425
108-90-7	Chlorobenzene	54.7		1	0.12	1.00	ug/L	11/04/25 17:47	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 17:47	VV110425
179601-23-1	m/p-Xylenes	0.35	J	1	0.24	2.00	ug/L	11/04/25 17:47	VV110425
95-47-6	o-Xylene	0.68	J	1	0.12	1.00	ug/L	11/04/25 17:47	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:47	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:47	VV110425

Raw Data: **VV039321.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.00		1	0.12	1.00	ug/L	11/04/25 17:47	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:47	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:47	VV110425
106-46-7	1,4-Dichlorobenzene	4.10		1	0.19	1.00	ug/L	11/04/25 17:47	VV110425
95-50-1	1,2-Dichlorobenzene	2.80		1	0.16	1.00	ug/L	11/04/25 17:47	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 17:47	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:47	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:47	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.0			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	45.0			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.2			70 (77) - 130 (121)	96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	953000							
540-36-3	1,4-Difluorobenzene	1750000							
3114-55-4	Chlorobenzene-d5	1610000							
3855-82-1	1,4-Dichlorobenzene-d4	779000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	33.6	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	24.6	J			2.57	ug/L		
108-20-3	Diisopropyl ether	46.8	J			3.21	ug/L		
109-99-9	Tetrahydrofuran	35.8	J			4.24	ug/L		
103-65-1	n-propylbenzene	0.26	J			10.3	ug/L		
95-49-8	2-Chlorotoluene	0.39	J			10.4	ug/L		
95-63-6	1,2,4-Trimethylbenzene	0.21	J			10.8	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039322.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:09	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 18:09	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 18:09	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 18:09	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 18:09	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 18:09	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:09	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:09	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 18:09	VV110425
75-15-0	Carbon Disulfide	0.74	J	1	0.21	1.00	ug/L	11/04/25 18:09	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:09	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 18:09	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 18:09	VV110425
156-60-5	trans-1,2-Dichloroethene	0.38	J	1	0.23	1.00	ug/L	11/04/25 18:09	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:09	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 18:09	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 18:09	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:09	VV110425
156-59-2	cis-1,2-Dichloroethene	1.80		1	0.19	1.00	ug/L	11/04/25 18:09	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:09	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:09	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:09	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:09	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:09	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:09	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 18:09	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:09	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:09	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 18:09	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 18:09	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 18:09	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:09	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 18:09	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 18:09	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 18:09	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:09	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:09	VV110425
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 18:09	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 18:09	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 18:09	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 18:09	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:09	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 18:09	VV110425

Raw Data: **VV039322.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 18:09	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 18:09	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:09	VV110425
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/04/25 18:09	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:09	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 18:09	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:09	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:09	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.0			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.4			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	46.4			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.5			70 (77) - 130 (121)	91%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	916000							
540-36-3	1,4-Difluorobenzene	1790000							
3114-55-4	Chlorobenzene-d5	1600000							
3855-82-1	1,4-Dichlorobenzene-d4	726000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	35.6	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	110	J			2.56	ug/L		
108-20-3	Diisopropyl ether	3.70	J			3.22	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039333.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 13:54	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 13:54	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 13:54	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 13:54	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 13:54	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 13:54	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 13:54	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 13:54	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 13:54	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 13:54	VV110525
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/05/25 13:54	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 13:54	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 13:54	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 13:54	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 13:54	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 13:54	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 13:54	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 13:54	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 13:54	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 13:54	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 13:54	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 13:54	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 13:54	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 13:54	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 13:54	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 13:54	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 13:54	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 13:54	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 13:54	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 13:54	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 13:54	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 13:54	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 13:54	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 13:54	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 13:54	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 13:54	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 13:54	VV110525
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 13:54	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 13:54	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 13:54	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 13:54	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 13:54	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 13:54	VV110525

Raw Data: **VV039333.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 13:54	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 13:54	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 13:54	VV110525
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/05/25 13:54	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 13:54	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 13:54	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 13:54	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 13:54	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.8			70 (74) - 130 (125)	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.0			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	44.5			70 (86) - 130 (113)	89%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.7			70 (77) - 130 (121)	83%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	938000							
540-36-3	1,4-Difluorobenzene	1740000							
3114-55-4	Chlorobenzene-d5	1590000							
3855-82-1	1,4-Dichlorobenzene-d4	694000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:54	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 18:54	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 18:54	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 18:54	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 18:54	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 18:54	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:54	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:54	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 18:54	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 18:54	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:54	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 18:54	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 18:54	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:54	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:54	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 18:54	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 18:54	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:54	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 18:54	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:54	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 18:54	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:54	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:54	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:54	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:54	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 18:54	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:54	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 18:54	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 18:54	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 18:54	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 18:54	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:54	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 18:54	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 18:54	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 18:54	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:54	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 18:54	VV110425
108-90-7	Chlorobenzene	0.31	J	1	0.12	1.00	ug/L	11/04/25 18:54	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 18:54	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 18:54	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 18:54	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 18:54	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 18:54	VV110425

Raw Data: **VV039324.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 18:54	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 18:54	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:54	VV110425
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/04/25 18:54	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 18:54	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 18:54	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:54	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 18:54	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.4			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			70 (75) - 130 (124)	98%	SPK: 50		
2037-26-5	Toluene-d8	46.2			70 (86) - 130 (113)	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.2			70 (77) - 130 (121)	92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	876000							
540-36-3	1,4-Difluorobenzene	1650000							
3114-55-4	Chlorobenzene-d5	1570000							
3855-82-1	1,4-Dichlorobenzene-d4	732000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	1.50	J			1.92	ug/L		
109-99-9	Tetrahydrofuran	2.80	J			4.26	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039318.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:39	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 16:39	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 16:39	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 16:39	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 16:39	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 16:39	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:39	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:39	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 16:39	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 16:39	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:39	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 16:39	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 16:39	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:39	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:39	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 16:39	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 16:39	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:39	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 16:39	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:39	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:39	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:39	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:39	VV110425
71-43-2	Benzene	4.80		1	0.15	1.00	ug/L	11/04/25 16:39	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:39	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 16:39	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:39	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:39	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 16:39	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 16:39	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 16:39	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:39	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 16:39	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 16:39	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 16:39	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 16:39	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:39	VV110425
108-90-7	Chlorobenzene	32.8		1	0.12	1.00	ug/L	11/04/25 16:39	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 16:39	VV110425
179601-23-1	m/p-Xylenes	0.28	J	1	0.24	2.00	ug/L	11/04/25 16:39	VV110425
95-47-6	o-Xylene	0.91	J	1	0.12	1.00	ug/L	11/04/25 16:39	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 16:39	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 16:39	VV110425

Raw Data: **VV039318.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	48.5		1	0.12	1.00	ug/L	11/04/25 16:39	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 16:39	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:39	VV110425
106-46-7	1,4-Dichlorobenzene	3.80		1	0.19	1.00	ug/L	11/04/25 16:39	VV110425
95-50-1	1,2-Dichlorobenzene	0.46	J	1	0.16	1.00	ug/L	11/04/25 16:39	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 16:39	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:39	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:39	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.1			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.7			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	50.9			70 (86) - 130 (113)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.3			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	969000							
540-36-3	1,4-Difluorobenzene	1720000							
3114-55-4	Chlorobenzene-d5	1680000							
3855-82-1	1,4-Dichlorobenzene-d4	851000							
TENTATIVE IDENTIFIED COMPOUNDS									
007446-09-5	Sulfur dioxide	12.4	J			1.20	ug/L		
60-29-7	Diethyl Ether	46.7	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	8.70	J			2.57	ug/L		
108-20-3	Diisopropyl ether	11.3	J			3.22	ug/L		
109-99-9	Tetrahydrofuran	24.6	J			4.24	ug/L		
103-65-1	n-propylbenzene	49.3	J			10.3	ug/L		
95-49-8	2-Chlorotoluene	3.90	J			10.3	ug/L		
106-43-4	4-Chlorotoluene	0.63	J			10.5	ug/L		
98-06-6	tert-Butylbenzene	0.27	J			10.8	ug/L		
135-98-8	sec-Butylbenzene	1.80	J			11.0	ug/L		
000496-11-7	Indane	80.0	J			11.4	ug/L		
104-51-8	n-Butylbenzene	1.90	J			11.6	ug/L		
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	10.8	J			11.9	ug/L		
000767-58-8	Indan, 1-methyl-	10.4	J			12.0	ug/L		
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	10.0	J			12.3	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039319.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:02	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 17:02	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:02	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 17:02	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 17:02	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 17:02	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:02	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:02	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 17:02	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:02	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:02	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 17:02	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 17:02	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:02	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:02	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 17:02	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 17:02	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:02	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:02	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:02	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:02	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:02	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:02	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:02	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:02	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 17:02	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:02	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:02	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 17:02	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 17:02	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 17:02	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:02	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:02	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 17:02	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 17:02	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:02	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:02	VV110425
108-90-7	Chlorobenzene	2.50		1	0.12	1.00	ug/L	11/04/25 17:02	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 17:02	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 17:02	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 17:02	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:02	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:02	VV110425

Raw Data: **VV039319.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 17:02	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:02	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:02	VV110425
106-46-7	1,4-Dichlorobenzene	1.60		1	0.19	1.00	ug/L	11/04/25 17:02	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:02	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 17:02	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:02	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:02	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.8			70 (74) - 130 (125)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			70 (75) - 130 (124)	103%	SPK: 50		
2037-26-5	Toluene-d8	46.9			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.6			70 (77) - 130 (121)	91%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	617000							
540-36-3	1,4-Difluorobenzene	1120000							
3114-55-4	Chlorobenzene-d5	1090000							
3855-82-1	1,4-Dichlorobenzene-d4	498000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	5.20	J			1.92	ug/L		
108-20-3	Diisopropyl ether	2.80	J			3.22	ug/L		
109-99-9	Tetrahydrofuran	4.50	J			4.26	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039320.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:24	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 17:24	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:24	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 17:24	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 17:24	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 17:24	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:24	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:24	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 17:24	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:24	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:24	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 17:24	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 17:24	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:24	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:24	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 17:24	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 17:24	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:24	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:24	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:24	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 17:24	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:24	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:24	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:24	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:24	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 17:24	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:24	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 17:24	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 17:24	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 17:24	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 17:24	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:24	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 17:24	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 17:24	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 17:24	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:24	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 17:24	VV110425
108-90-7	Chlorobenzene	5.90		1	0.12	1.00	ug/L	11/04/25 17:24	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 17:24	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 17:24	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 17:24	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 17:24	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 17:24	VV110425

Raw Data: **VV039320.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 17:24	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 17:24	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:24	VV110425
106-46-7	1,4-Dichlorobenzene	1.00		1	0.19	1.00	ug/L	11/04/25 17:24	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 17:24	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 17:24	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:24	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 17:24	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.4			70 (74) - 130 (125)	109%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.9			70 (75) - 130 (124)	96%	SPK: 50		
2037-26-5	Toluene-d8	45.6			70 (86) - 130 (113)	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.4			70 (77) - 130 (121)	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	890000							
540-36-3	1,4-Difluorobenzene	1640000							
3114-55-4	Chlorobenzene-d5	1510000							
3855-82-1	1,4-Dichlorobenzene-d4	688000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	1.10	J			1.92	ug/L		
109-99-9	Tetrahydrofuran	2.00	J			4.27	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039316.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 15:54	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 15:54	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 15:54	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 15:54	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 15:54	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 15:54	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 15:54	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 15:54	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 15:54	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 15:54	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 15:54	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 15:54	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 15:54	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 15:54	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 15:54	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 15:54	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 15:54	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 15:54	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 15:54	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 15:54	VV110425
67-66-3	Chloroform	0.76	J	1	0.25	1.00	ug/L	11/04/25 15:54	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 15:54	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 15:54	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 15:54	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 15:54	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 15:54	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 15:54	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 15:54	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 15:54	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 15:54	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 15:54	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 15:54	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 15:54	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 15:54	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 15:54	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 15:54	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 15:54	VV110425
108-90-7	Chlorobenzene	0.59	J	1	0.12	1.00	ug/L	11/04/25 15:54	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 15:54	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 15:54	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 15:54	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 15:54	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 15:54	VV110425

Raw Data: **VV039316.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 15:54	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 15:54	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 15:54	VV110425
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/04/25 15:54	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 15:54	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 15:54	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 15:54	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 15:54	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.4			70 (74) - 130 (125)	123%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.1			70 (75) - 130 (124)	106%	SPK: 50		
2037-26-5	Toluene-d8	48.9			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.6			70 (77) - 130 (121)	95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	711000							
540-36-3	1,4-Difluorobenzene	1310000							
3114-55-4	Chlorobenzene-d5	1270000							
3855-82-1	1,4-Dichlorobenzene-d4	579000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039317.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:17	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 16:17	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 16:17	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 16:17	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 16:17	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 16:17	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:17	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:17	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 16:17	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 16:17	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:17	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 16:17	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 16:17	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:17	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:17	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 16:17	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 16:17	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:17	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 16:17	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:17	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 16:17	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:17	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:17	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 16:17	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:17	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 16:17	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:17	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 16:17	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 16:17	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 16:17	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 16:17	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:17	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 16:17	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 16:17	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 16:17	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 16:17	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 16:17	VV110425
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 16:17	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 16:17	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 16:17	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 16:17	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 16:17	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 16:17	VV110425

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 16:17	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 16:17	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:17	VV110425
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/04/25 16:17	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 16:17	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 16:17	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:17	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 16:17	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.4			70 (74) - 130 (125)	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	46.5			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.4			70 (77) - 130 (121)	89%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	597000							
540-36-3	1,4-Difluorobenzene	1090000							
3114-55-4	Chlorobenzene-d5	1050000							
3855-82-1	1,4-Dichlorobenzene-d4	473000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3534-01	MW-6	1,2-Dichloroethane-d4	50	53.2	106		70 (74)	130 (125)
		Dibromofluoromethane	50	47.0	94		70 (75)	130 (124)
		Toluene-d8	50	45.0	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.2	96		70 (77)	130 (121)
Q3534-02	MW-1	1,2-Dichloroethane-d4	50	58.0	116		70 (74)	130 (125)
		Dibromofluoromethane	50	47.4	95		70 (75)	130 (124)
		Toluene-d8	50	46.5	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.5	91		70 (77)	130 (121)
Q3534-03	MW-11	1,2-Dichloroethane-d4	50	54.8	110		70 (74)	130 (125)
		Dibromofluoromethane	50	47.0	94		70 (75)	130 (124)
		Toluene-d8	50	44.5	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	41.7	83		70 (77)	130 (121)
Q3534-04	MW-5	1,2-Dichloroethane-d4	50	57.4	115		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	46.2	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.2	92		70 (77)	130 (121)
Q3534-05	MW-EB-1	1,2-Dichloroethane-d4	50	53.1	106		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	50.9	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.3	107		70 (77)	130 (121)
Q3534-06	MW-EB-2	1,2-Dichloroethane-d4	50	59.8	120		70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103		70 (75)	130 (124)
		Toluene-d8	50	46.9	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.6	91		70 (77)	130 (121)
Q3534-07	MW-EB-3	1,2-Dichloroethane-d4	50	54.4	109		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)
		Toluene-d8	50	45.6	91		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87		70 (77)	130 (121)
Q3534-09	FB-1	1,2-Dichloroethane-d4	50	61.4	123		70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106		70 (75)	130 (124)
		Toluene-d8	50	48.9	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.6	95		70 (77)	130 (121)
Q3534-10	EB-1	1,2-Dichloroethane-d4	50	58.4	117		70 (74)	130 (125)
		Dibromofluoromethane	50	50.7	101		70 (75)	130 (124)
		Toluene-d8	50	46.5	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.4	89		70 (77)	130 (121)
VV1104WBL01	VV1104WBL01	1,2-Dichloroethane-d4	50	58.0	116		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	48.6	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104		70 (77)	130 (121)
VV1104WBS01	VV1104WBS01	1,2-Dichloroethane-d4	50	49.1	98		70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.7	107		70 (77)	130 (121)
VV1104WBSD0	VV1104WBSD01	1,2-Dichloroethane-d4	50	50.3	100		70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.5	107		70 (77)	130 (121)
VV1105WBL01	VV1105WBL01	1,2-Dichloroethane-d4	50	60.7	121		70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102		70 (75)	130 (124)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VV1105WBL01	VV1105WBL01	Toluene-d8	50	48.0	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87		70 (77)	130 (121)
VV1105WBS01	VV1105WBS01	1,2-Dichloroethane-d4	50	51.1	102		70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104		70 (75)	130 (124)
		Toluene-d8	50	54.2	108		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.0	110		70 (77)	130 (121)

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039309.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1104WBS01	Dichlorodifluoromethane	20	16.2	ug/L	81			40 (69)	160 (116)	
	Chloromethane	20	17.6	ug/L	88			40 (65)	160 (116)	
	Vinyl chloride	20	16.8	ug/L	84			70 (65)	130 (117)	
	Bromomethane	20	18.8	ug/L	94			40 (58)	160 (125)	
	Chloroethane	20	19.0	ug/L	95			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.4	ug/L	87			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.1	ug/L	91			70 (80)	130 (112)	
	1,1-Dichloroethene	20	16.8	ug/L	84			70 (74)	130 (110)	
	Acetone	100	78.3	ug/L	78			40 (60)	160 (125)	
	Carbon disulfide	20	17.3	ug/L	86			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.5	ug/L	88			70 (78)	130 (114)	
	Methyl Acetate	20	14.2	ug/L	71			70 (67)	130 (125)	
	Methylene Chloride	20	19.1	ug/L	96			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.4	ug/L	87			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.4	ug/L	87			70 (78)	130 (112)	
	Cyclohexane	20	18.3	ug/L	92			70 (75)	130 (110)	
	2-Butanone	100	76.2	ug/L	76			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.3	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.1	ug/L	91			70 (77)	130 (110)	
	Bromochloromethane	20	17.4	ug/L	87			70 (70)	130 (124)	
	Chloroform	20	17.5	ug/L	88			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.8	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	17.7	ug/L	89			70 (72)	130 (115)	
	Benzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.0	ug/L	90			70 (80)	130 (115)	
	Trichloroethene	20	18.6	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.5	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	18.3	ug/L	92			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	86.1	ug/L	86			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.0	ug/L	90			70 (83)	130 (112)	
	2-Hexanone	100	83.8	ug/L	84			40 (73)	160 (117)	
	Dibromochloromethane	20	18.3	ug/L	92			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.5	ug/L	93			70 (81)	130 (110)	
	Tetrachloroethene	20	18.6	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	Ethyl Benzene	20	18.7	ug/L	94			70 (83)	130 (109)	
	m/p-Xylenes	40	39.6	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	18.7	ug/L	94			70 (83)	130 (109)	
	Styrene	20	19.8	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	17.9	ug/L	90			70 (79)	130 (109)	
	Isopropylbenzene	20	19.2	ug/L	96			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	16.2	ug/L	81			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039309.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1104WBS01	1,2-Dibromo-3-Chloropropane	20	14.9	ug/L	75			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.9	ug/L	90			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.3	ug/L	86			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039310.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1104WBSD01	Dichlorodifluoromethane	20	15.9	ug/L	79	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	17.6	ug/L	88	0		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	16.7	ug/L	84	0		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.0	ug/L	95	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.6	ug/L	93	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.3	ug/L	86	1		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	16.5	ug/L	83	1		70 (74)	130 (110)	20 (20)
	Acetone	100	89.0	ug/L	89	13		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.0	ug/L	85	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.3	ug/L	92	4		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	15.7	ug/L	79	11		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.5	ug/L	98	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.0	ug/L	85	2		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	17.3	ug/L	86	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.1	ug/L	91	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	85.1	ug/L	85	11		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.5	ug/L	93	1		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	4		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.6	ug/L	88	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	17.7	ug/L	89	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	17.9	ug/L	90	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.9	ug/L	90	1		70 (72)	130 (115)	20 (20)
	Benzene	20	18.8	ug/L	94	0		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.2	ug/L	91	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.0	ug/L	95	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	18.5	ug/L	93	5		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	18.5	ug/L	93	1		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	93.4	ug/L	93	8		40 (74)	160 (118)	20 (25)
	Toluene	20	20.0	ug/L	100	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.3	ug/L	97	3		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/L	98	1		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	18.8	ug/L	94	4		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	91.1	ug/L	91	8		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	18.7	ug/L	94	2		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	18.9	ug/L	95	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.0	ug/L	95	2		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.7	ug/L	94	2		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.0	ug/L	95	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	40.2	ug/L	101	2		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.3	ug/L	97	3		70 (83)	130 (109)	20 (20)
	Styrene	20	20.2	ug/L	101	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.8	ug/L	94	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.3	ug/L	97	1		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	16.6	ug/L	83	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.1	ug/L	96	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.0	ug/L	90	0		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	18.1	ug/L	91	0		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039310.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1104WBSD01	1,2-Dibromo-3-Chloropropane	20	15.9	ug/L	79	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.1	ug/L	91	1		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.0	ug/L	90	5		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1105WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			40 (69)	160 (116)	
	Chloromethane	20	17.7	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	18.1	ug/L	91			70 (65)	130 (117)	
	Bromomethane	20	17.4	ug/L	87			40 (58)	160 (125)	
	Chloroethane	20	20.9	ug/L	104			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.3	ug/L	92			70 (74)	130 (110)	
	Acetone	100	100	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	18.3	ug/L	92			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.8	ug/L	94			70 (78)	130 (114)	
	Methyl Acetate	20	16.4	ug/L	82			70 (67)	130 (125)	
	Methylene Chloride	20	21.0	ug/L	105			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.7	ug/L	94			70 (78)	130 (112)	
	Cyclohexane	20	19.9	ug/L	100			70 (75)	130 (110)	
	2-Butanone	100	94.7	ug/L	95			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.6	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			70 (77)	130 (110)	
	Bromochloromethane	20	19.4	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	19.2	ug/L	96			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			70 (80)	130 (108)	
	Methylcyclohexane	20	19.7	ug/L	99			70 (72)	130 (115)	
	Benzene	20	20.4	ug/L	102			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.1	ug/L	96			70 (80)	130 (115)	
	Trichloroethene	20	19.9	ug/L	100			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.7	ug/L	104			70 (83)	130 (111)	
	Bromodichloromethane	20	19.8	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	21.5	ug/L	108			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.2	ug/L	101			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.7	ug/L	104			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.7	ug/L	99			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	20.0	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.1	ug/L	101			70 (81)	130 (110)	
	Tetrachloroethene	20	20.1	ug/L	101			70 (67)	130 (123)	
	Chlorobenzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	Ethyl Benzene	20	20.4	ug/L	102			70 (83)	130 (109)	
	m/p-Xylenes	40	43.4	ug/L	109			70 (82)	130 (110)	
	o-Xylene	20	20.8	ug/L	104			70 (83)	130 (109)	
	Styrene	20	21.9	ug/L	110			70 (80)	130 (111)	
	Bromoform	20	19.7	ug/L	99			70 (79)	130 (109)	
	Isopropylbenzene	20	21.1	ug/L	106			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.9	ug/L	90			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.0	ug/L	100			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.5	ug/L	98			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV1105WBS01	1,2-Dibromo-3-Chloropropane	20	17.1	ug/L	86			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.5	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1104WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039308.D Lab Sample ID: VV1104WBL01

Date Analyzed: 11/04/2025 Time Analyzed: 12:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV1104WBS01	VV1104WBS01	VV039309.D	11/04/2025
VV1104WBSD01	VV1104WBSD01	VV039310.D	11/04/2025
FB-1	Q3534-09	VV039316.D	11/04/2025
EB-1	Q3534-10	VV039317.D	11/04/2025
MW-EB-1	Q3534-05	VV039318.D	11/04/2025
MW-EB-2	Q3534-06	VV039319.D	11/04/2025
MW-EB-3	Q3534-07	VV039320.D	11/04/2025
MW-6	Q3534-01	VV039321.D	11/04/2025
MW-1	Q3534-02	VV039322.D	11/04/2025
MW-5	Q3534-04	VV039324.D	11/04/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1105WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039330.D Lab Sample ID: VV1105WBL01

Date Analyzed: 11/05/2025 Time Analyzed: 12:29

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_V

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV1105WBS01	VV1105WBS01	VV039331.D	11/05/2025
MW-11	Q3534-03	VV039333.D	11/05/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: VV039281.D | BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_V | BFB Injection Time: 08:25

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.4
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.6 (2) 1
174	50.0 - 100.0% of mass 95	78.1
175	5.0 - 9.0% of mass 174	5.9 (7.5) 1
176	95.0 - 101.0% of mass 174	74.2 (95.1) 1
177	5.0 - 9.0% of mass 176	5 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VV039282.D	10/07/2025	09:40
VSTDICC005	VSTDICC005	VV039283.D	10/07/2025	10:03
VSTDICC010	VSTDICC010	VV039284.D	10/07/2025	10:25
VSTDICC020	VSTDICC020	VV039285.D	10/07/2025	10:47
VSTDICCC050	VSTDICCC050	VV039286.D	10/07/2025	11:10
VSTDICC100	VSTDICC100	VV039287.D	10/07/2025	11:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: VV039305.D | BFB Injection Date: 11/04/2025

Instrument ID: MSVOA_V | BFB Injection Time: 10:24

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.2 (1.6) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.5 (7.3) 1
176	95.0 - 101.0% of mass 174	74 (97.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039306.D	11/04/2025	11:21
VV1104WBL01	VV1104WBL01	VV039308.D	11/04/2025	12:21
VV1104WBS01	VV1104WBS01	VV039309.D	11/04/2025	12:49
VV1104WBSD01	VV1104WBSD01	VV039310.D	11/04/2025	13:12
FB-1	Q3534-09	VV039316.D	11/04/2025	15:54
EB-1	Q3534-10	VV039317.D	11/04/2025	16:17
MW-EB-1	Q3534-05	VV039318.D	11/04/2025	16:39
MW-EB-2	Q3534-06	VV039319.D	11/04/2025	17:02
MW-EB-3	Q3534-07	VV039320.D	11/04/2025	17:24
MW-6	Q3534-01	VV039321.D	11/04/2025	17:47
MW-1	Q3534-02	VV039322.D	11/04/2025	18:09
MW-5	Q3534-04	VV039324.D	11/04/2025	18:54

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: VV039327.D | BFB Injection Date: 11/05/2025

Instrument ID: MSVOA_V | BFB Injection Time: 10:37

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.8
75	30.0 - 60.0% of mass 95	48.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.5 (2) 1
174	50.0 - 100.0% of mass 95	76.8
175	5.0 - 9.0% of mass 174	5.5 (7.1) 1
176	95.0 - 101.0% of mass 174	75.7 (98.7) 1
177	5.0 - 9.0% of mass 176	5.5 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039328.D	11/05/2025	11:34
VV1105WBL01	VV1105WBL01	VV039330.D	11/05/2025	12:29
VV1105WBS01	VV1105WBS01	VV039331.D	11/05/2025	12:55
MW-11	Q3534-03	VV039333.D	11/05/2025	13:54

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039306.D Date Analyzed: 11/04/2025

Instrument ID: MSVOA_V Time Analyzed: 11:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	637264	4.60	1024760	5.53	1022020	8.77
UPPER LIMIT	1274530	5.1	2049510	6.032	2044030	9.273
LOWER LIMIT	318632	4.1	512378	5.032	511008	8.273
EPA SAMPLE NO.						
MW-6	952955	4.60	1749359	5.53	1614553	8.77
MW-1	916194	4.60	1787762	5.53	1600815	8.77
MW-5	875532	4.60	1648833	5.53	1570855	8.77
MW-EB-1	968590	4.60	1722471	5.53	1684073	8.77
MW-EB-2	616619	4.60	1121740	5.53	1092486	8.77
MW-EB-3	890347	4.60	1641332	5.53	1514755	8.77
FB-1	711203	4.60	1312588	5.53	1267623	8.77
EB-1	597120	4.60	1091584	5.53	1047699	8.77
VV1104WBL01	1064589	4.60	1972523	5.53	1793346	8.77
VV1104WBS01	733220	4.60	1149929	5.53	1129519	8.77
VV1104WBSD01	706395	4.60	1110419	5.53	1079972	8.77

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039306.D Date Analyzed: 11/04/2025

Instrument ID: MSVOA_V Time Analyzed: 11:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	572200	11.172				
UPPER LIMIT	1144400	11.672				
LOWER LIMIT	286100	10.672				
EPA SAMPLE NO.						
MW-6	779349	11.17				
MW-1	725582	11.17				
MW-5	731965	11.17				
MW-EB-1	851194	11.17				
MW-EB-2	497981	11.17				
MW-EB-3	687973	11.17				
FB-1	578801	11.17				
EB-1	472586	11.17				
VV1104WBL01	828938	11.17				
VV1104WBS01	636116	11.17				
VV1104WBSD01	618050	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039328.D Date Analyzed: 11/05/2025

Instrument ID: MSVOA_V Time Analyzed: 11:34

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	644517	4.60	1006970	5.53	993503	8.77
UPPER LIMIT	1289030	5.096	2013950	6.029	1987010	9.273
LOWER LIMIT	322259	4.096	503487	5.029	496752	8.273
EPA SAMPLE NO.						
MW-11	938043	4.59	1744872	5.53	1594094	8.77
VV1105WBL01	856812	4.60	1628447	5.53	1466262	8.77
VV1105WBS01	708659	4.60	1110235	5.53	1080434	8.77

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: VV039328.D Date Analyzed: 11/05/2025

Instrument ID: MSVOA_V Time Analyzed: 11:34

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	575078	11.172				
UPPER LIMIT	1150160	11.672				
LOWER LIMIT	287539	10.672				
EPA SAMPLE NO.						
MW-11	693574	11.17				
VV1105WBL01	623984	11.17				
VV1105WBS01	614058	11.17				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **VV039308.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VV1104WBL01	SDG No.:	Q3534
Lab Sample ID:	VV1104WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 12:21	VV110425
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/04/25 12:21	VV110425
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/04/25 12:21	VV110425
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/04/25 12:21	VV110425
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/04/25 12:21	VV110425
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/04/25 12:21	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/04/25 12:21	VV110425
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 12:21	VV110425
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/04/25 12:21	VV110425
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/04/25 12:21	VV110425
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/04/25 12:21	VV110425
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/04/25 12:21	VV110425
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/04/25 12:21	VV110425
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 12:21	VV110425
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/04/25 12:21	VV110425
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/04/25 12:21	VV110425
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/04/25 12:21	VV110425
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/04/25 12:21	VV110425
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/04/25 12:21	VV110425
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 12:21	VV110425
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/04/25 12:21	VV110425
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/04/25 12:21	VV110425
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/04/25 12:21	VV110425
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/04/25 12:21	VV110425
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 12:21	VV110425
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/04/25 12:21	VV110425
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/04/25 12:21	VV110425
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/04/25 12:21	VV110425
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/04/25 12:21	VV110425
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/04/25 12:21	VV110425
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/04/25 12:21	VV110425
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/04/25 12:21	VV110425
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/04/25 12:21	VV110425
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/04/25 12:21	VV110425
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/04/25 12:21	VV110425
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/04/25 12:21	VV110425
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/04/25 12:21	VV110425
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 12:21	VV110425
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/04/25 12:21	VV110425
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/04/25 12:21	VV110425
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/04/25 12:21	VV110425
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/04/25 12:21	VV110425
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/04/25 12:21	VV110425

Raw Data: **VV039308.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1104WBL01			SDG No.:	Q3534
Lab Sample ID:	VV1104WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/04/25 12:21	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/04/25 12:21	VV110425
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 12:21	VV110425
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/04/25 12:21	VV110425
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/04/25 12:21	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/04/25 12:21	VV110425
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 12:21	VV110425
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/04/25 12:21	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.1			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	48.6			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			70 (77) - 130 (121)	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	1060000							
540-36-3	1,4-Difluorobenzene	1970000							
3114-55-4	Chlorobenzene-d5	1790000							
3855-82-1	1,4-Dichlorobenzene-d4	829000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039330.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	VV1105WBL01	SDG No.:	Q3534
Lab Sample ID:	VV1105WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 12:29	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 12:29	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 12:29	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 12:29	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 12:29	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 12:29	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 12:29	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 12:29	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 12:29	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 12:29	VV110525
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/05/25 12:29	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 12:29	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 12:29	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 12:29	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 12:29	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 12:29	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 12:29	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 12:29	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 12:29	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 12:29	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 12:29	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 12:29	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 12:29	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 12:29	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 12:29	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 12:29	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 12:29	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 12:29	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 12:29	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 12:29	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 12:29	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 12:29	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 12:29	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 12:29	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 12:29	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 12:29	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 12:29	VV110525
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 12:29	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 12:29	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 12:29	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 12:29	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 12:29	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 12:29	VV110525

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1105WBL01			SDG No.:	Q3534
Lab Sample ID:	VV1105WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 12:29	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 12:29	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 12:29	VV110525
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/05/25 12:29	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 12:29	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 12:29	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 12:29	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 12:29	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.7			70 (74) - 130 (125)	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	48.0			70 (86) - 130 (113)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.4			70 (77) - 130 (121)	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	857000							
540-36-3	1,4-Difluorobenzene	1630000							
3114-55-4	Chlorobenzene-d5	1470000							
3855-82-1	1,4-Dichlorobenzene-d4	624000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1104WBS01			SDG No.:	Q3534
Lab Sample ID:	VV1104WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	16.2		1	0.22	1.00	ug/L	11/04/25 12:49	VV110425
74-87-3	Chloromethane	17.6		1	0.32	1.00	ug/L	11/04/25 12:49	VV110425
75-01-4	Vinyl Chloride	16.8		1	0.26	1.00	ug/L	11/04/25 12:49	VV110425
74-83-9	Bromomethane	18.8		1	1.40	5.00	ug/L	11/04/25 12:49	VV110425
75-00-3	Chloroethane	19.0		1	0.47	1.00	ug/L	11/04/25 12:49	VV110425
75-69-4	Trichlorofluoromethane	17.4		1	0.33	1.00	ug/L	11/04/25 12:49	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	18.1		1	0.25	1.00	ug/L	11/04/25 12:49	VV110425
75-35-4	1,1-Dichloroethene	16.8		1	0.23	1.00	ug/L	11/04/25 12:49	VV110425
67-64-1	Acetone	78.3		1	1.50	5.00	ug/L	11/04/25 12:49	VV110425
75-15-0	Carbon Disulfide	17.3		1	0.21	1.00	ug/L	11/04/25 12:49	VV110425
1634-04-4	Methyl tert-butyl Ether	17.5		1	0.16	1.00	ug/L	11/04/25 12:49	VV110425
79-20-9	Methyl Acetate	14.2		1	0.27	1.00	ug/L	11/04/25 12:49	VV110425
75-09-2	Methylene Chloride	19.1		1	0.28	1.00	ug/L	11/04/25 12:49	VV110425
156-60-5	trans-1,2-Dichloroethene	17.4		1	0.23	1.00	ug/L	11/04/25 12:49	VV110425
75-34-3	1,1-Dichloroethane	17.4		1	0.23	1.00	ug/L	11/04/25 12:49	VV110425
110-82-7	Cyclohexane	18.3		1	1.50	5.00	ug/L	11/04/25 12:49	VV110425
78-93-3	2-Butanone	76.2		1	0.98	5.00	ug/L	11/04/25 12:49	VV110425
56-23-5	Carbon Tetrachloride	18.3		1	0.25	1.00	ug/L	11/04/25 12:49	VV110425
156-59-2	cis-1,2-Dichloroethene	18.1		1	0.19	1.00	ug/L	11/04/25 12:49	VV110425
74-97-5	Bromochloromethane	17.4		1	0.22	1.00	ug/L	11/04/25 12:49	VV110425
67-66-3	Chloroform	17.5		1	0.25	1.00	ug/L	11/04/25 12:49	VV110425
71-55-6	1,1,1-Trichloroethane	17.8		1	0.20	1.00	ug/L	11/04/25 12:49	VV110425
108-87-2	Methylcyclohexane	17.7		1	0.16	1.00	ug/L	11/04/25 12:49	VV110425
71-43-2	Benzene	18.8		1	0.15	1.00	ug/L	11/04/25 12:49	VV110425
107-06-2	1,2-Dichloroethane	18.0		1	0.22	1.00	ug/L	11/04/25 12:49	VV110425
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	11/04/25 12:49	VV110425
78-87-5	1,2-Dichloropropane	19.5		1	0.20	1.00	ug/L	11/04/25 12:49	VV110425
75-27-4	Bromodichloromethane	18.3		1	0.22	1.00	ug/L	11/04/25 12:49	VV110425
108-10-1	4-Methyl-2-Pentanone	86.1		1	0.68	5.00	ug/L	11/04/25 12:49	VV110425
108-88-3	Toluene	19.7		1	0.14	1.00	ug/L	11/04/25 12:49	VV110425
10061-02-6	t-1,3-Dichloropropene	18.8		1	0.17	1.00	ug/L	11/04/25 12:49	VV110425
10061-01-5	cis-1,3-Dichloropropene	19.4		1	0.16	1.00	ug/L	11/04/25 12:49	VV110425
79-00-5	1,1,2-Trichloroethane	18.0		1	0.21	1.00	ug/L	11/04/25 12:49	VV110425
591-78-6	2-Hexanone	83.8		1	0.89	5.00	ug/L	11/04/25 12:49	VV110425
124-48-1	Dibromochloromethane	18.3		1	0.18	1.00	ug/L	11/04/25 12:49	VV110425
106-93-4	1,2-Dibromoethane	18.5		1	0.15	1.00	ug/L	11/04/25 12:49	VV110425
127-18-4	Tetrachloroethene	18.6		1	0.23	1.00	ug/L	11/04/25 12:49	VV110425
108-90-7	Chlorobenzene	18.3		1	0.12	1.00	ug/L	11/04/25 12:49	VV110425
100-41-4	Ethyl Benzene	18.7		1	0.13	1.00	ug/L	11/04/25 12:49	VV110425
179601-23-1	m/p-Xylenes	39.6		1	0.24	2.00	ug/L	11/04/25 12:49	VV110425
95-47-6	o-Xylene	18.7		1	0.12	1.00	ug/L	11/04/25 12:49	VV110425
100-42-5	Styrene	19.8		1	0.15	1.00	ug/L	11/04/25 12:49	VV110425
75-25-2	Bromoform	17.9		1	0.19	1.00	ug/L	11/04/25 12:49	VV110425

Raw Data: **VV039309.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1104WBS01			SDG No.:	Q3534
Lab Sample ID:	VV1104WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.2		1	0.12	1.00	ug/L	11/04/25 12:49	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	16.2		1	0.26	1.00	ug/L	11/04/25 12:49	VV110425
541-73-1	1,3-Dichlorobenzene	18.7		1	0.16	1.00	ug/L	11/04/25 12:49	VV110425
106-46-7	1,4-Dichlorobenzene	17.9		1	0.19	1.00	ug/L	11/04/25 12:49	VV110425
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/04/25 12:49	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	14.9		1	0.53	1.00	ug/L	11/04/25 12:49	VV110425
120-82-1	1,2,4-Trichlorobenzene	17.9		1	0.20	1.00	ug/L	11/04/25 12:49	VV110425
87-61-6	1,2,3-Trichlorobenzene	17.3		1	0.20	1.00	ug/L	11/04/25 12:49	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.1			70 (74) - 130 (125)	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			70 (75) - 130 (124)	100%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	733000							
540-36-3	1,4-Difluorobenzene	1150000							
3114-55-4	Chlorobenzene-d5	1130000							
3855-82-1	1,4-Dichlorobenzene-d4	636000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VV039331.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1105WBS01			SDG No.:	Q3534
Lab Sample ID:	VV1105WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	17.0		1	0.22	1.00	ug/L	11/05/25 12:55	VV110525
74-87-3	Chloromethane	17.7		1	0.32	1.00	ug/L	11/05/25 12:55	VV110525
75-01-4	Vinyl Chloride	18.1		1	0.26	1.00	ug/L	11/05/25 12:55	VV110525
74-83-9	Bromomethane	17.4		1	1.40	5.00	ug/L	11/05/25 12:55	VV110525
75-00-3	Chloroethane	20.9		1	0.47	1.00	ug/L	11/05/25 12:55	VV110525
75-69-4	Trichlorofluoromethane	18.8		1	0.33	1.00	ug/L	11/05/25 12:55	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		1	0.25	1.00	ug/L	11/05/25 12:55	VV110525
75-35-4	1,1-Dichloroethene	18.3		1	0.23	1.00	ug/L	11/05/25 12:55	VV110525
67-64-1	Acetone	100		1	1.50	5.00	ug/L	11/05/25 12:55	VV110525
75-15-0	Carbon Disulfide	18.3		1	0.21	1.00	ug/L	11/05/25 12:55	VV110525
1634-04-4	Methyl tert-butyl Ether	18.8		1	0.16	1.00	ug/L	11/05/25 12:55	VV110525
79-20-9	Methyl Acetate	16.4		1	0.27	1.00	ug/L	11/05/25 12:55	VV110525
75-09-2	Methylene Chloride	21.0		1	0.28	1.00	ug/L	11/05/25 12:55	VV110525
156-60-5	trans-1,2-Dichloroethene	18.6		1	0.23	1.00	ug/L	11/05/25 12:55	VV110525
75-34-3	1,1-Dichloroethane	18.7		1	0.23	1.00	ug/L	11/05/25 12:55	VV110525
110-82-7	Cyclohexane	19.9		1	1.50	5.00	ug/L	11/05/25 12:55	VV110525
78-93-3	2-Butanone	94.7		1	0.98	5.00	ug/L	11/05/25 12:55	VV110525
56-23-5	Carbon Tetrachloride	19.6		1	0.25	1.00	ug/L	11/05/25 12:55	VV110525
156-59-2	cis-1,2-Dichloroethene	19.5		1	0.19	1.00	ug/L	11/05/25 12:55	VV110525
74-97-5	Bromochloromethane	19.4		1	0.22	1.00	ug/L	11/05/25 12:55	VV110525
67-66-3	Chloroform	19.2		1	0.25	1.00	ug/L	11/05/25 12:55	VV110525
71-55-6	1,1,1-Trichloroethane	19.3		1	0.20	1.00	ug/L	11/05/25 12:55	VV110525
108-87-2	Methylcyclohexane	19.7		1	0.16	1.00	ug/L	11/05/25 12:55	VV110525
71-43-2	Benzene	20.4		1	0.15	1.00	ug/L	11/05/25 12:55	VV110525
107-06-2	1,2-Dichloroethane	19.1		1	0.22	1.00	ug/L	11/05/25 12:55	VV110525
79-01-6	Trichloroethene	19.9		1	0.090	1.00	ug/L	11/05/25 12:55	VV110525
78-87-5	1,2-Dichloropropane	20.7		1	0.20	1.00	ug/L	11/05/25 12:55	VV110525
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	11/05/25 12:55	VV110525
108-10-1	4-Methyl-2-Pentanone	100		1	0.68	5.00	ug/L	11/05/25 12:55	VV110525
108-88-3	Toluene	21.5		1	0.14	1.00	ug/L	11/05/25 12:55	VV110525
10061-02-6	t-1,3-Dichloropropene	20.2		1	0.17	1.00	ug/L	11/05/25 12:55	VV110525
10061-01-5	cis-1,3-Dichloropropene	20.7		1	0.16	1.00	ug/L	11/05/25 12:55	VV110525
79-00-5	1,1,2-Trichloroethane	19.7		1	0.21	1.00	ug/L	11/05/25 12:55	VV110525
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/05/25 12:55	VV110525
124-48-1	Dibromochloromethane	20.0		1	0.18	1.00	ug/L	11/05/25 12:55	VV110525
106-93-4	1,2-Dibromoethane	20.1		1	0.15	1.00	ug/L	11/05/25 12:55	VV110525
127-18-4	Tetrachloroethene	20.1		1	0.23	1.00	ug/L	11/05/25 12:55	VV110525
108-90-7	Chlorobenzene	20.0		1	0.12	1.00	ug/L	11/05/25 12:55	VV110525
100-41-4	Ethyl Benzene	20.4		1	0.13	1.00	ug/L	11/05/25 12:55	VV110525
179601-23-1	m/p-Xylenes	43.4		1	0.24	2.00	ug/L	11/05/25 12:55	VV110525
95-47-6	o-Xylene	20.8		1	0.12	1.00	ug/L	11/05/25 12:55	VV110525
100-42-5	Styrene	21.9		1	0.15	1.00	ug/L	11/05/25 12:55	VV110525
75-25-2	Bromoform	19.7		1	0.19	1.00	ug/L	11/05/25 12:55	VV110525

Raw Data: **VV039331.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1105WBS01			SDG No.:	Q3534
Lab Sample ID:	VV1105WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.1		1	0.12	1.00	ug/L	11/05/25 12:55	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1	0.26	1.00	ug/L	11/05/25 12:55	VV110525
541-73-1	1,3-Dichlorobenzene	20.0		1	0.16	1.00	ug/L	11/05/25 12:55	VV110525
106-46-7	1,4-Dichlorobenzene	19.5		1	0.19	1.00	ug/L	11/05/25 12:55	VV110525
95-50-1	1,2-Dichlorobenzene	19.2		1	0.16	1.00	ug/L	11/05/25 12:55	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1	0.53	1.00	ug/L	11/05/25 12:55	VV110525
120-82-1	1,2,4-Trichlorobenzene	19.5		1	0.20	1.00	ug/L	11/05/25 12:55	VV110525
87-61-6	1,2,3-Trichlorobenzene	19.5		1	0.20	1.00	ug/L	11/05/25 12:55	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.1			70 (74) - 130 (125)	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	54.2			70 (86) - 130 (113)	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.9			70 (77) - 130 (121)	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	709000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	614000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1104WBSD01			SDG No.:	Q3534
Lab Sample ID:	VV1104WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	15.9		1	0.22	1.00	ug/L	11/04/25 13:12	VV110425
74-87-3	Chloromethane	17.6		1	0.32	1.00	ug/L	11/04/25 13:12	VV110425
75-01-4	Vinyl Chloride	16.7		1	0.26	1.00	ug/L	11/04/25 13:12	VV110425
74-83-9	Bromomethane	19.0		1	1.40	5.00	ug/L	11/04/25 13:12	VV110425
75-00-3	Chloroethane	18.6		1	0.47	1.00	ug/L	11/04/25 13:12	VV110425
75-69-4	Trichlorofluoromethane	17.3		1	0.33	1.00	ug/L	11/04/25 13:12	VV110425
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		1	0.25	1.00	ug/L	11/04/25 13:12	VV110425
75-35-4	1,1-Dichloroethene	16.5		1	0.23	1.00	ug/L	11/04/25 13:12	VV110425
67-64-1	Acetone	89.0		1	1.50	5.00	ug/L	11/04/25 13:12	VV110425
75-15-0	Carbon Disulfide	17.0		1	0.21	1.00	ug/L	11/04/25 13:12	VV110425
1634-04-4	Methyl tert-butyl Ether	18.3		1	0.16	1.00	ug/L	11/04/25 13:12	VV110425
79-20-9	Methyl Acetate	15.7		1	0.27	1.00	ug/L	11/04/25 13:12	VV110425
75-09-2	Methylene Chloride	19.5		1	0.28	1.00	ug/L	11/04/25 13:12	VV110425
156-60-5	trans-1,2-Dichloroethene	17.0		1	0.23	1.00	ug/L	11/04/25 13:12	VV110425
75-34-3	1,1-Dichloroethane	17.3		1	0.23	1.00	ug/L	11/04/25 13:12	VV110425
110-82-7	Cyclohexane	18.1		1	1.50	5.00	ug/L	11/04/25 13:12	VV110425
78-93-3	2-Butanone	85.1		1	0.98	5.00	ug/L	11/04/25 13:12	VV110425
56-23-5	Carbon Tetrachloride	18.5		1	0.25	1.00	ug/L	11/04/25 13:12	VV110425
156-59-2	cis-1,2-Dichloroethene	19.0		1	0.19	1.00	ug/L	11/04/25 13:12	VV110425
74-97-5	Bromochloromethane	17.6		1	0.22	1.00	ug/L	11/04/25 13:12	VV110425
67-66-3	Chloroform	17.7		1	0.25	1.00	ug/L	11/04/25 13:12	VV110425
71-55-6	1,1,1-Trichloroethane	17.9		1	0.20	1.00	ug/L	11/04/25 13:12	VV110425
108-87-2	Methylcyclohexane	17.9		1	0.16	1.00	ug/L	11/04/25 13:12	VV110425
71-43-2	Benzene	18.8		1	0.15	1.00	ug/L	11/04/25 13:12	VV110425
107-06-2	1,2-Dichloroethane	18.2		1	0.22	1.00	ug/L	11/04/25 13:12	VV110425
79-01-6	Trichloroethene	19.0		1	0.090	1.00	ug/L	11/04/25 13:12	VV110425
78-87-5	1,2-Dichloropropane	18.5		1	0.20	1.00	ug/L	11/04/25 13:12	VV110425
75-27-4	Bromodichloromethane	18.5		1	0.22	1.00	ug/L	11/04/25 13:12	VV110425
108-10-1	4-Methyl-2-Pentanone	93.4		1	0.68	5.00	ug/L	11/04/25 13:12	VV110425
108-88-3	Toluene	20.0		1	0.14	1.00	ug/L	11/04/25 13:12	VV110425
10061-02-6	t-1,3-Dichloropropene	19.3		1	0.17	1.00	ug/L	11/04/25 13:12	VV110425
10061-01-5	cis-1,3-Dichloropropene	19.6		1	0.16	1.00	ug/L	11/04/25 13:12	VV110425
79-00-5	1,1,2-Trichloroethane	18.8		1	0.21	1.00	ug/L	11/04/25 13:12	VV110425
591-78-6	2-Hexanone	91.1		1	0.89	5.00	ug/L	11/04/25 13:12	VV110425
124-48-1	Dibromochloromethane	18.7		1	0.18	1.00	ug/L	11/04/25 13:12	VV110425
106-93-4	1,2-Dibromoethane	18.9		1	0.15	1.00	ug/L	11/04/25 13:12	VV110425
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	11/04/25 13:12	VV110425
108-90-7	Chlorobenzene	18.7		1	0.12	1.00	ug/L	11/04/25 13:12	VV110425
100-41-4	Ethyl Benzene	19.0		1	0.13	1.00	ug/L	11/04/25 13:12	VV110425
179601-23-1	m/p-Xylenes	40.2		1	0.24	2.00	ug/L	11/04/25 13:12	VV110425
95-47-6	o-Xylene	19.3		1	0.12	1.00	ug/L	11/04/25 13:12	VV110425
100-42-5	Styrene	20.2		1	0.15	1.00	ug/L	11/04/25 13:12	VV110425
75-25-2	Bromoform	18.8		1	0.19	1.00	ug/L	11/04/25 13:12	VV110425

Raw Data: **VV039310.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VV1104WBSD01			SDG No.:	Q3534
Lab Sample ID:	VV1104WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.3		1	0.12	1.00	ug/L	11/04/25 13:12	VV110425
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1	0.26	1.00	ug/L	11/04/25 13:12	VV110425
541-73-1	1,3-Dichlorobenzene	19.1		1	0.16	1.00	ug/L	11/04/25 13:12	VV110425
106-46-7	1,4-Dichlorobenzene	18.0		1	0.19	1.00	ug/L	11/04/25 13:12	VV110425
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/04/25 13:12	VV110425
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		1	0.53	1.00	ug/L	11/04/25 13:12	VV110425
120-82-1	1,2,4-Trichlorobenzene	18.1		1	0.20	1.00	ug/L	11/04/25 13:12	VV110425
87-61-6	1,2,3-Trichlorobenzene	18.0		1	0.20	1.00	ug/L	11/04/25 13:12	VV110425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.2			70 (74) - 130 (125)	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			70 (75) - 130 (124)	100%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.5			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	706000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	618000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: MSVOA_V Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:40 11:32

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VV039282.D RRF005 = VV039283.D RRF010 = VV039284.D
RRF020 = VV039285.D RRF050 = VV039286.D RRF100 = VV039287.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.626	0.584	0.740	0.647	0.598	0.596	0.632	9.2
Chloromethane	0.732	0.659	0.754	0.629	0.588	0.586	0.658	10.8
Vinyl Chloride	0.863	0.761	0.827	0.720	0.666	0.666	0.751	11
Bromomethane		0.539	0.582	0.478	0.421	0.416	0.487	14.9
Chloroethane	0.693	0.540	0.519	0.470	0.419	0.403	0.507	20.9
Trichlorofluoromethane	1.374	1.185	1.258	1.095	0.992	0.976	1.147	13.6
1,1,2-Trichlorotrifluoroethane	0.800	0.726	0.754	0.655	0.597	0.588	0.687	12.7
1,1-Dichloroethene	0.846	0.713	0.711	0.637	0.569	0.570	0.674	15.6
Acetone	0.585	0.406	0.420	0.355	0.339	0.321	0.404	23.8
Carbon Disulfide	2.560	1.934	2.027	1.751	1.589	1.565	1.904	19.4
Methyl tert-butyl Ether	2.377	2.087	2.168	1.923	1.798	1.822	2.029	11
Methyl Acetate	1.062	0.818	1.044	0.928	0.828	0.843	0.921	11.9
Methylene Chloride	1.144	0.831	0.798	0.715	0.627	0.616	0.788	24.7
trans-1,2-Dichloroethene	0.929	0.742	0.755	0.654	0.592	0.587	0.710	18.1
1,1-Dichloroethane	1.599	1.384	1.378	1.195	1.092	1.066	1.286	15.9
Cyclohexane		0.999	1.004	0.908	0.872	0.899	0.936	6.5
2-Butanone	0.431	0.404	0.467	0.442	0.427	0.435	0.434	4.7
Carbon Tetrachloride	0.613	0.635	0.667	0.598	0.556	0.548	0.603	7.6
cis-1,2-Dichloroethene	0.808	0.727	0.733	0.657	0.656	0.683	0.711	8.2
Bromochloromethane	0.608	0.606	0.568	0.561	0.490	0.456	0.548	11.4
Chloroform	1.560	1.417	1.409	1.249	1.120	1.109	1.311	13.8
1,1,1-Trichloroethane	1.362	1.212	1.234	1.087	1.002	0.981	1.146	12.9
Methylcyclohexane	0.575	0.501	0.565	0.537	0.588	0.628	0.566	7.7
Benzene	1.579	1.604	1.727	1.588	1.523	1.505	1.588	4.9
1,2-Dichloroethane	0.647	0.565	0.604	0.537	0.501	0.490	0.557	10.9
Trichloroethene	0.424	0.398	0.425	0.395	0.377	0.377	0.399	5.3
1,2-Dichloropropane	0.405	0.354	0.419	0.385	0.381	0.374	0.386	5.9
Bromodichloromethane	0.687	0.668	0.688	0.623	0.583	0.570	0.636	8.2
4-Methyl-2-Pentanone	0.435	0.470	0.598	0.567	0.544	0.543	0.526	11.6
Toluene	0.815	0.927	1.070	1.000	0.971	0.969	0.959	8.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: MSVOA_V Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:40 11:32

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VV039282.D RRF005 = VV039283.D RRF010 = VV039284.D
RRF020 = VV039285.D RRF050 = VV039286.D RRF100 = VV039287.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.490	0.542	0.601	0.556	0.562	0.586	0.556	7
cis-1,3-Dichloropropene	0.570	0.593	0.671	0.627	0.622	0.626	0.618	5.5
1,1,2-Trichloroethane	0.482	0.428	0.471	0.428	0.400	0.389	0.433	8.6
2-Hexanone	0.318	0.322	0.427	0.425	0.414	0.411	0.386	13.4
Dibromochloromethane	0.541	0.519	0.551	0.496	0.469	0.461	0.506	7.3
1,2-Dibromoethane	0.447	0.449	0.507	0.450	0.427	0.424	0.451	6.6
Tetrachloroethene	0.390	0.361	0.378	0.370	0.344	0.346	0.365	4.9
Chlorobenzene	1.250	1.185	1.276	1.145	1.116	1.130	1.184	5.6
Ethyl Benzene	1.587	1.545	1.798	1.730	1.866	1.936	1.744	8.9
m/p-Xylenes	0.566	0.569	0.747	0.733	0.764	0.770	0.692	14
o-Xylene	0.523	0.514	0.618	0.610	0.682	0.719	0.611	13.5
Styrene	0.839	0.851	1.117	1.170	1.258	1.285	1.087	18.1
Bromoform	0.379	0.356	0.377	0.354	0.340	0.345	0.359	4.5
Isopropylbenzene	2.745	2.655	3.119	3.050	3.242	3.406	3.036	9.5
1,1,2,2-Tetrachloroethane	1.854	1.451	1.444	1.260	1.180	1.177	1.394	18.4
1,3-Dichlorobenzene	1.658	1.624	1.817	1.650	1.612	1.628	1.665	4.6
1,4-Dichlorobenzene	2.208	1.889	1.962	1.769	1.693	1.659	1.863	11
1,2-Dichlorobenzene	1.765	1.522	1.652	1.498	1.516	1.549	1.584	6.6
1,2-Dibromo-3-Chloropropane	0.373	0.287	0.288	0.258	0.249	0.265	0.287	15.7
1,2,4-Trichlorobenzene	0.880	0.774	0.880	0.839	0.926	1.000	0.883	8.7
1,2,3-Trichlorobenzene	0.919	0.792	0.929	0.883	0.956	1.028	0.918	8.5
1,2-Dichloroethane-d4		0.720	0.759	0.757	0.659	0.657	0.710	7.1
Dibromofluoromethane		0.391	0.408	0.427	0.377	0.367	0.394	6
Toluene-d8		1.121	1.394	1.491	1.353	1.342	1.340	10.2
4-Bromofluorobenzene		0.396	0.473	0.519	0.498	0.500	0.477	10.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3534
Instrument ID: MSVOA_V
Calibration Date/Time: 11/04/2025 11:21
Lab File ID: VV039306.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.632	0.498		-21.2	20
Chloromethane	0.658	0.594	0.1	-9.73	20
Vinyl Chloride	0.751	0.624		-16.91	20
Bromomethane	0.487	0.490		0.62	20
Chloroethane	0.507	0.437		-13.81	20
Trichlorofluoromethane	1.147	0.984		-14.21	20
1,1,2-Trichlorotrifluoroethane	0.687	0.591		-13.97	20
1,1-Dichloroethene	0.674	0.567		-15.88	20
Acetone	0.404	0.369		-8.66	20
Carbon Disulfide	1.904	1.632		-14.29	20
Methyl tert-butyl Ether	2.029	2.267		11.73	20
Methyl Acetate	0.921	0.845		-8.25	20
Methylene Chloride	0.788	0.762		-3.3	20
trans-1,2-Dichloroethene	0.710	0.645		-9.15	20
1,1-Dichloroethane	1.286	1.215	0.1	-5.52	20
Cyclohexane	0.936	0.854		-8.76	20
2-Butanone	0.434	0.460		5.99	20
Carbon Tetrachloride	0.603	0.558		-7.46	20
cis-1,2-Dichloroethene	0.711	0.763		7.31	20
Bromochloromethane	0.548	0.607		10.77	20
Chloroform	1.311	1.296		-1.14	20
1,1,1-Trichloroethane	1.146	1.034		-9.77	20
Methylcyclohexane	0.566	0.515		-9.01	20
Benzene	1.588	1.614		1.64	20
1,2-Dichloroethane	0.557	0.580		4.13	20
Trichloroethene	0.399	0.389		-2.51	20
1,2-Dichloropropane	0.386	0.424		9.85	20
Bromodichloromethane	0.636	0.666		4.72	20
4-Methyl-2-Pentanone	0.526	0.599		13.88	20
Toluene	0.959	1.020		6.36	20
t-1,3-Dichloropropene	0.556	0.647		16.37	20
cis-1,3-Dichloropropene	0.618	0.707		14.4	20
1,1,2-Trichloroethane	0.433	0.465		7.39	20
2-Hexanone	0.386	0.441		14.25	20
Dibromochloromethane	0.506	0.551		8.89	20
1,2-Dibromoethane	0.451	0.501		11.09	20
Tetrachloroethene	0.365	0.343		-6.03	20
Chlorobenzene	1.184	1.160	0.3	-2.03	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: MSVOA_V Calibration Date/Time: 11/04/2025 11:21

Lab File ID: VV039306.D Init. Calib. Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:40 11:32

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.744	1.818		4.24	20
m/p-Xylenes	0.692	0.759		9.68	20
o-Xylene	0.611	0.685		12.11	20
Styrene	1.087	1.291		18.77	20
Bromoform	0.359	0.392	0.1	9.19	20
Isopropylbenzene	3.036	3.218		5.99	20
1,1,2,2-Tetrachloroethane	1.394	1.328	0.3	-4.74	20
1,3-Dichlorobenzene	1.665	1.693		1.68	20
1,4-Dichlorobenzene	1.863	1.758		-5.64	20
1,2-Dichlorobenzene	1.584	1.613		1.83	20
1,2-Dibromo-3-Chloropropane	0.287	0.266		-7.32	20
1,2,4-Trichlorobenzene	0.883	0.929		5.21	20
1,2,3-Trichlorobenzene	0.918	0.977		6.43	20
1,2-Dichloroethane-d4	0.710	0.797		12.25	20
Dibromofluoromethane	0.394	0.423		7.36	20
Toluene-d8	1.340	1.413		5.45	20
4-Bromofluorobenzene	0.477	0.528		10.69	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3534
Instrument ID: MSVOA_V
Calibration Date/Time: 11/05/2025 11:34
Lab File ID: VV039328.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.632	0.499		-21.04	20
Chloromethane	0.658	0.571	0.1	-13.22	20
Vinyl Chloride	0.751	0.632		-15.85	20
Bromomethane	0.487	0.389		-20.12	20
Chloroethane	0.507	0.431		-14.99	20
Trichlorofluoromethane	1.147	0.987		-13.95	20
1,1,2-Trichlorotrifluoroethane	0.687	0.607		-11.65	20
1,1-Dichloroethene	0.674	0.591		-12.31	20
Acetone	0.404	0.371		-8.17	20
Carbon Disulfide	1.904	1.668		-12.4	20
Methyl tert-butyl Ether	2.029	2.166		6.75	20
Methyl Acetate	0.921	0.856		-7.06	20
Methylene Chloride	0.788	0.725		-7.99	20
trans-1,2-Dichloroethene	0.710	0.643		-9.44	20
1,1-Dichloroethane	1.286	1.191	0.1	-7.39	20
Cyclohexane	0.936	0.867		-7.37	20
2-Butanone	0.434	0.478		10.14	20
Carbon Tetrachloride	0.603	0.586		-2.82	20
cis-1,2-Dichloroethene	0.711	0.735		3.38	20
Bromochloromethane	0.548	0.556		1.46	20
Chloroform	1.311	1.284		-2.06	20
1,1,1-Trichloroethane	1.146	1.057		-7.77	20
Methylcyclohexane	0.566	0.548		-3.18	20
Benzene	1.588	1.656		4.28	20
1,2-Dichloroethane	0.557	0.576		3.41	20
Trichloroethene	0.399	0.395		-1	20
1,2-Dichloropropane	0.386	0.429		11.14	20
Bromodichloromethane	0.636	0.664		4.4	20
4-Methyl-2-Pentanone	0.526	0.615		16.92	20
Toluene	0.959	1.057		10.22	20
t-1,3-Dichloropropene	0.556	0.642		15.47	20
cis-1,3-Dichloropropene	0.618	0.706		14.24	20
1,1,2-Trichloroethane	0.433	0.468		8.08	20
2-Hexanone	0.386	0.461		19.43	20
Dibromochloromethane	0.506	0.548		8.3	20
1,2-Dibromoethane	0.451	0.499		10.64	20
Tetrachloroethene	0.365	0.353		-3.29	20
Chlorobenzene	1.184	1.197	0.3	1.1	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3534
Instrument ID: MSVOA_V
Calibration Date/Time: 11/05/2025 11:34
Lab File ID: VV039328.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.744	1.936		11.01	20
m/p-Xylenes	0.692	0.800		15.61	20
o-Xylene	0.611	0.720		17.84	20
Styrene	1.087	1.354		24.56	20
Bromoform	0.359	0.392	0.1	9.19	20
Isopropylbenzene	3.036	3.311		9.06	20
1,1,2,2-Tetrachloroethane	1.394	1.325	0.3	-4.95	20
1,3-Dichlorobenzene	1.665	1.723		3.48	20
1,4-Dichlorobenzene	1.863	1.791		-3.87	20
1,2-Dichlorobenzene	1.584	1.626		2.65	20
1,2-Dibromo-3-Chloropropane	0.287	0.260		-9.41	20
1,2,4-Trichlorobenzene	0.883	0.932		5.55	20
1,2,3-Trichlorobenzene	0.918	0.974		6.1	20
1,2-Dichloroethane-d4	0.710	0.759		6.9	20
Dibromofluoromethane	0.394	0.425		7.87	20
Toluene-d8	1.340	1.461		9.03	20
4-Bromofluorobenzene	0.477	0.551		15.51	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Quant Time: Nov 05 00:40:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

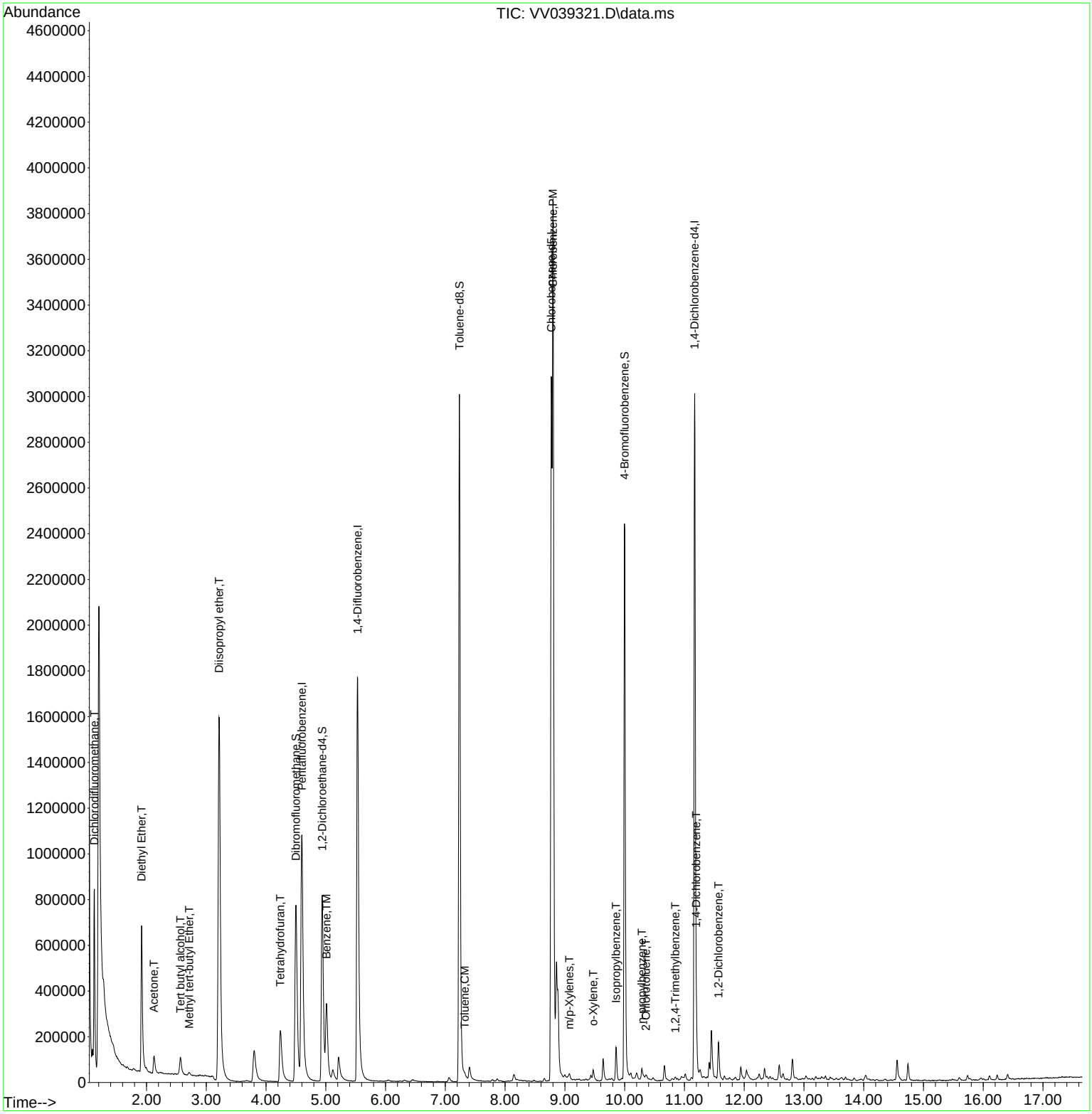
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.600	168	952955	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.532	114	1749359	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.773	117	1614553	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	779349	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.940	65	720522	53.211	ug/l		0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 106.420%				
35) Dibromofluoromethane	4.500	113	647859	47.002	ug/l		0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.000%				
50) Toluene-d8	7.236	98	2110762	45.014	ug/l		0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 90.020%				
62) 4-Bromofluorobenzene	9.998	95	804695	48.186	ug/l		0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.380%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	13923	1.156	ug/l		90
8) Diethyl Ether	1.918	74	265703	33.643	ug/l		100
11) Tert butyl alcohol	2.568	59	64568	24.605	ug/l	#	94
16) Acetone	2.124	43	82619	2.962	ug/l		98
19) Methyl tert-butyl Ether	2.715	73	12425	0.321	ug/l	#	87
22) Diisopropyl ether	3.214	45	1713202	46.846	ug/l	#	32
29) Tetrahydrofuran	4.240	42	189743	35.836	ug/l		98
40) Benzene	5.011	78	384536	6.922	ug/l		100
52) Toluene	7.326	92	9429	0.281	ug/l		90
65) Chlorobenzene	8.802	112	2091639	54.724	ug/l		99
68) m/p-Xylenes	9.075	106	7810	0.350	ug/l		97
69) o-Xylene	9.474	106	13414	0.680	ug/l		100
73) Isopropylbenzene	9.857	105	93652	1.979	ug/l		98
78) n-propylbenzene	10.288	91	14925	0.260	ug/l		93
79) 2-Chlorotoluene	10.358	91	13979	0.394	ug/l		98
84) 1,2,4-Trimethylbenzene	10.850	105	8227	0.211	ug/l		96
88) 1,4-Dichlorobenzene	11.197	146	118949	4.096	ug/l		92
91) 1,2-Dichlorobenzene	11.570	146	68077	2.758	ug/l		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

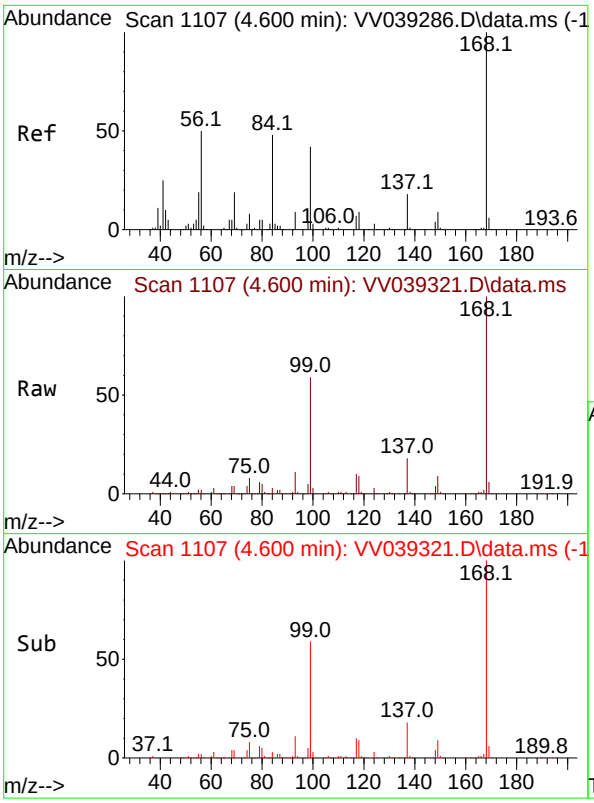
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Quant Time: Nov 05 00:40:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



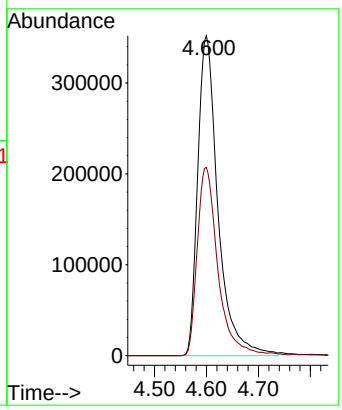
Instrument :
MSVOA_V
ClientSampleId :
MW-6

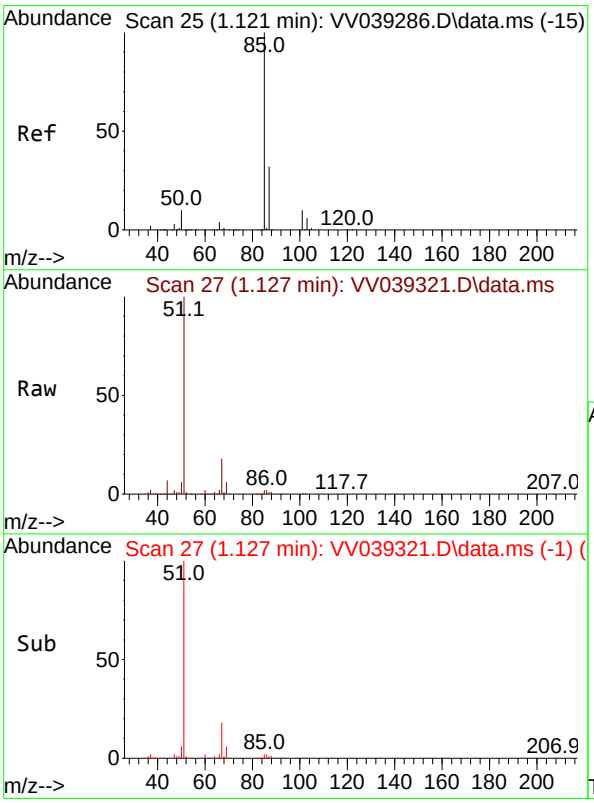


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:168 Resp: 952955

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	70.0

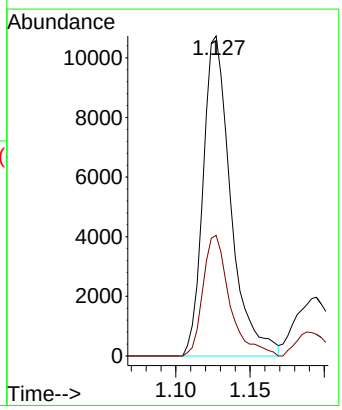


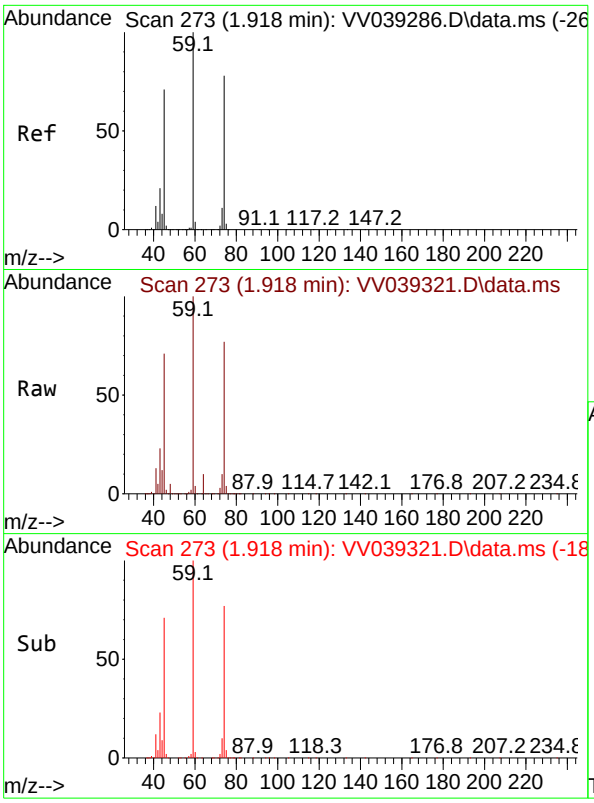


#2
Dichlorodifluoromethane
Concen: 1.156 ug/l
RT: 1.127 min Scan# 27
Delta R.T. 0.006 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 85 Resp: 13923

Ion	Ratio	Lower	Upper
85	100		
87	37.7	16.1	48.2



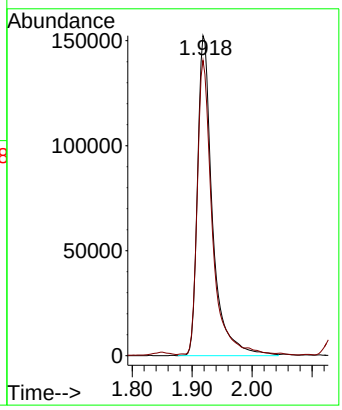


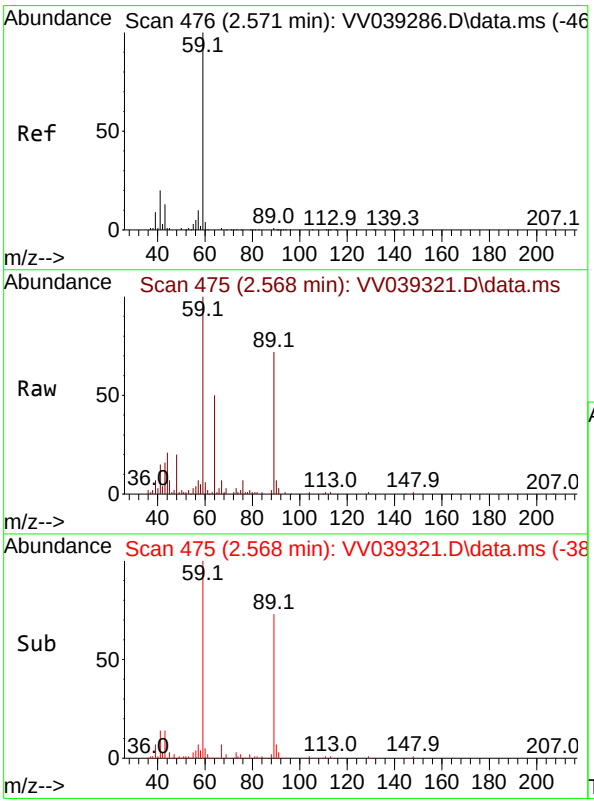
#8
Diethyl Ether
Concen: 33.643 ug/l
RT: 1.918 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 74 Resp: 265703

Ion	Ratio	Lower	Upper
74	100		
45	91.4	45.9	137.7

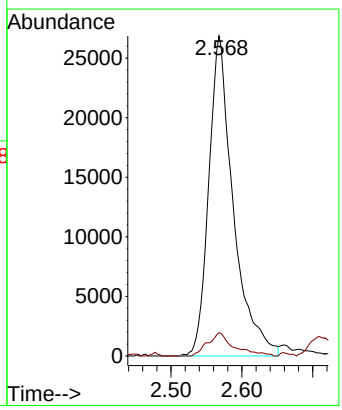


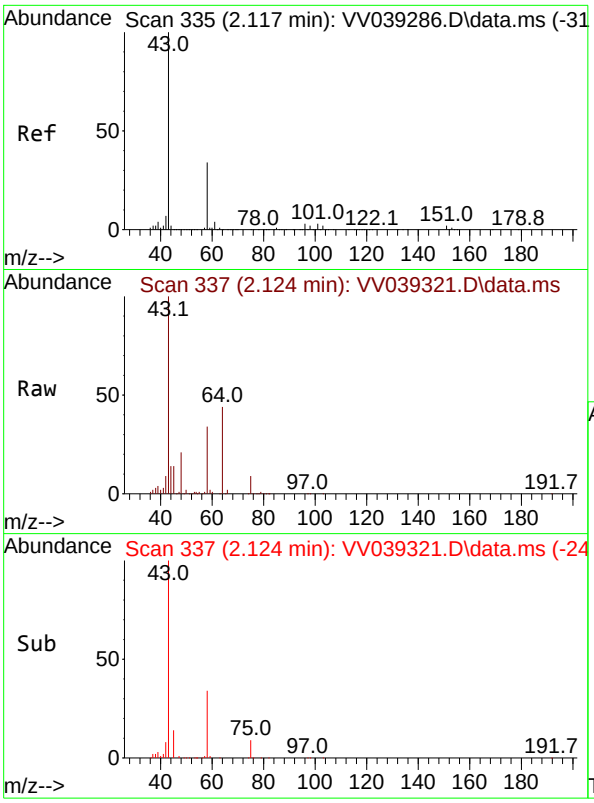


#11
Tert butyl alcohol
Concen: 24.605 ug/l
RT: 2.568 min Scan# 475
Delta R.T. -0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 59 Resp: 64568

Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.1	12.1#



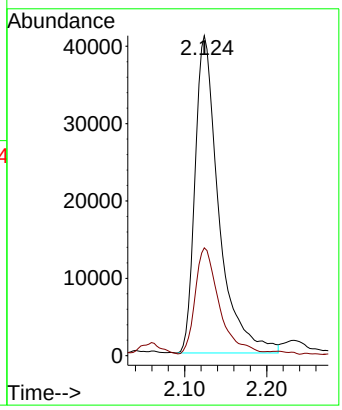


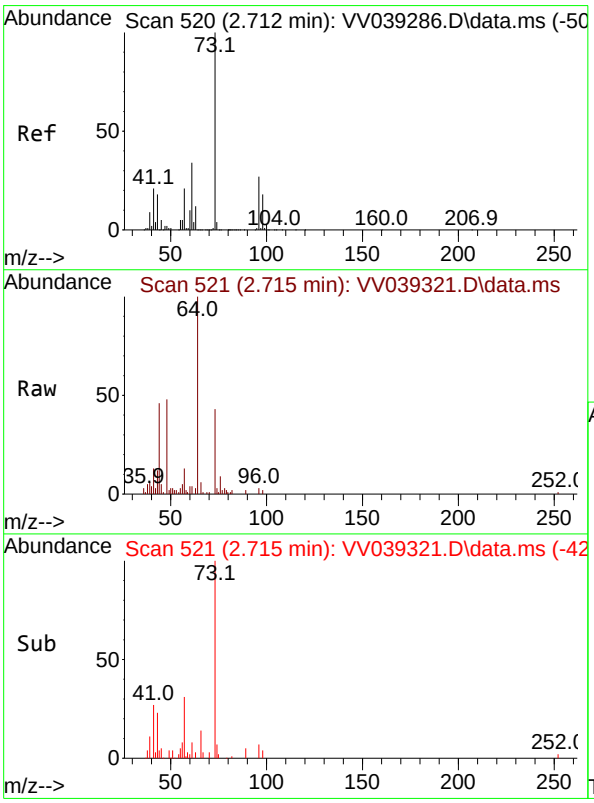
#16
Acetone
Concen: 2.962 ug/l
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 43 Resp: 82619

Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.5	41.3

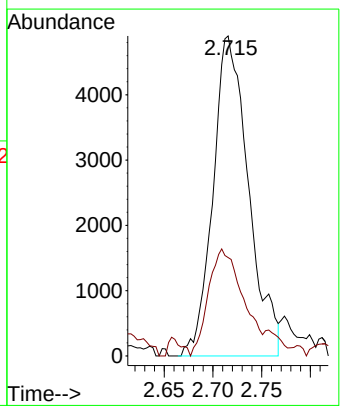


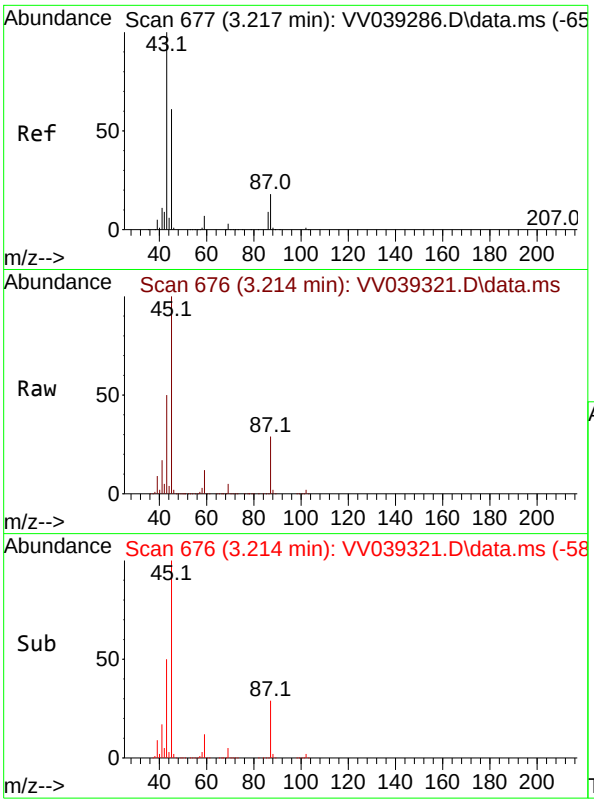


#19
Methyl tert-butyl Ether
Concen: 0.321 ug/l
RT: 2.715 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 73 Resp: 12425

Ion	Ratio	Lower	Upper
73	100		
57	27.3	17.0	25.6#



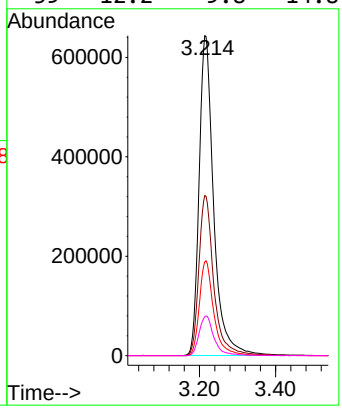


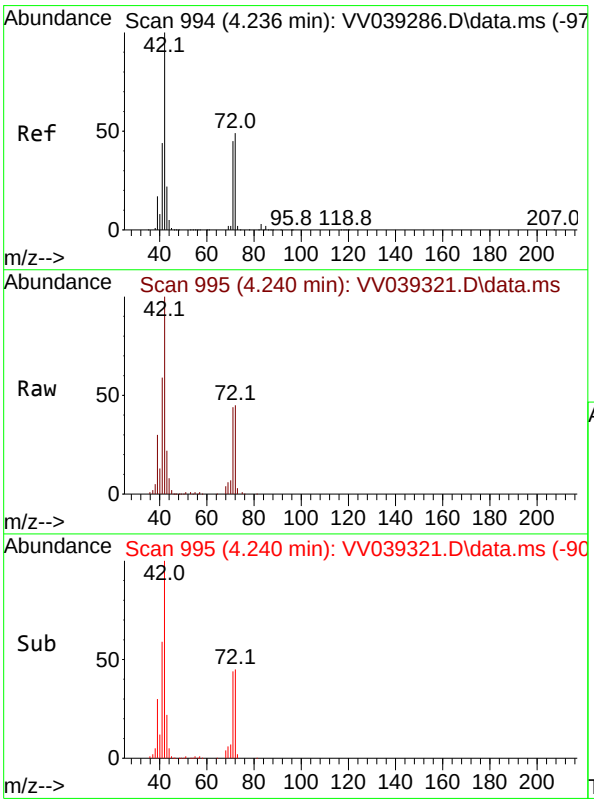
#22
Diisopropyl ether
Concen: 46.846 ug/l
RT: 3.214 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 45 Resp: 1713202

Ion	Ratio	Lower	Upper
45	100		
43	50.0	130.8	196.2#
87	29.3	23.8	35.8
59	12.2	9.8	14.8

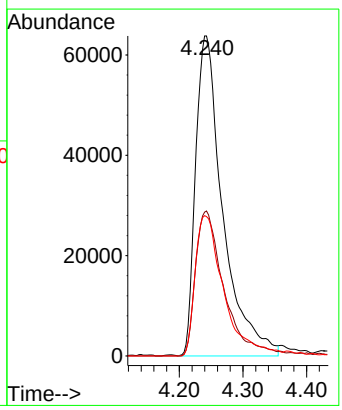


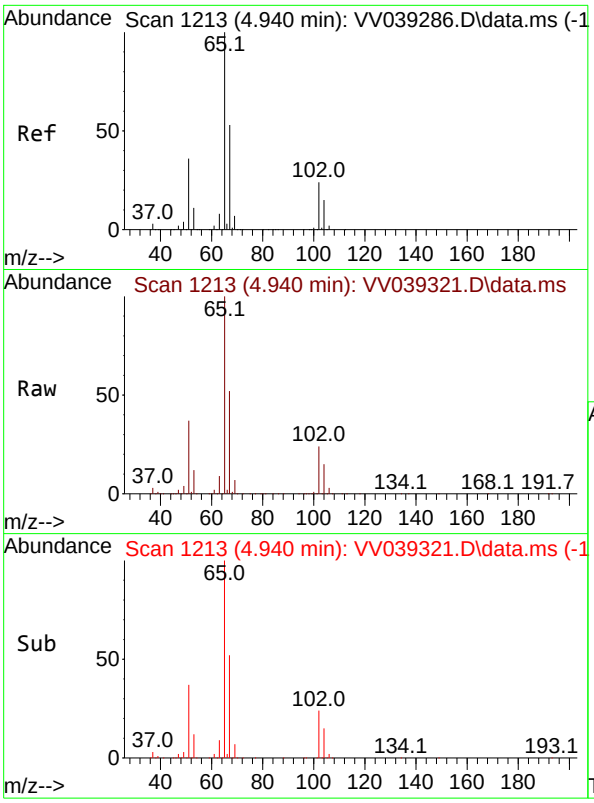


#29
Tetrahydrofuran
Concen: 35.836 ug/l
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 42 Resp: 189743

Ion	Ratio	Lower	Upper
42	100		
72	47.4	39.8	59.8
71	46.0	36.5	54.7



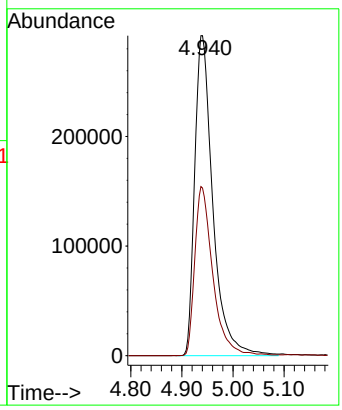


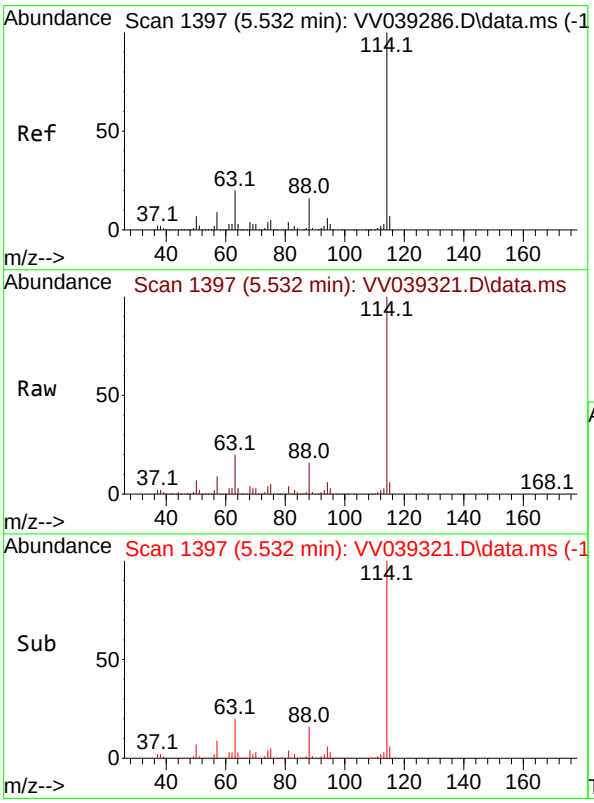
#33
1,2-Dichloroethane-d4
Concen: 53.211 ug/l
RT: 4.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 65 Resp: 720522

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.4

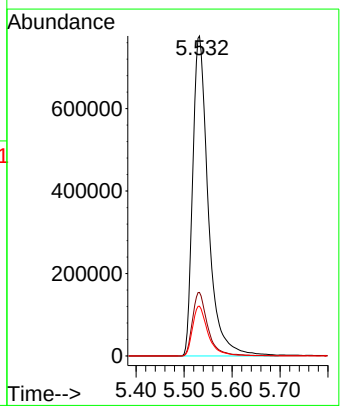


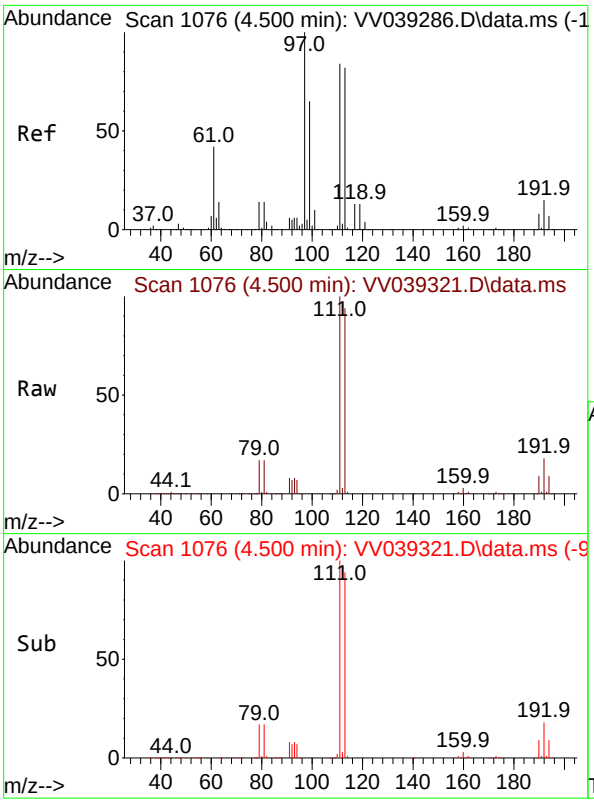


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:114 Resp: 1749359

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.5	0.0	31.6



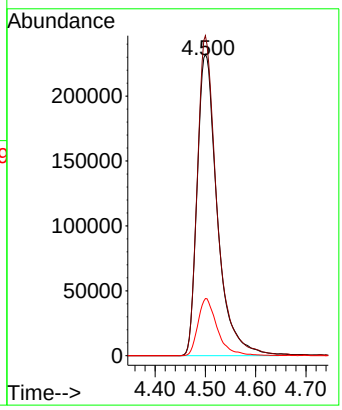


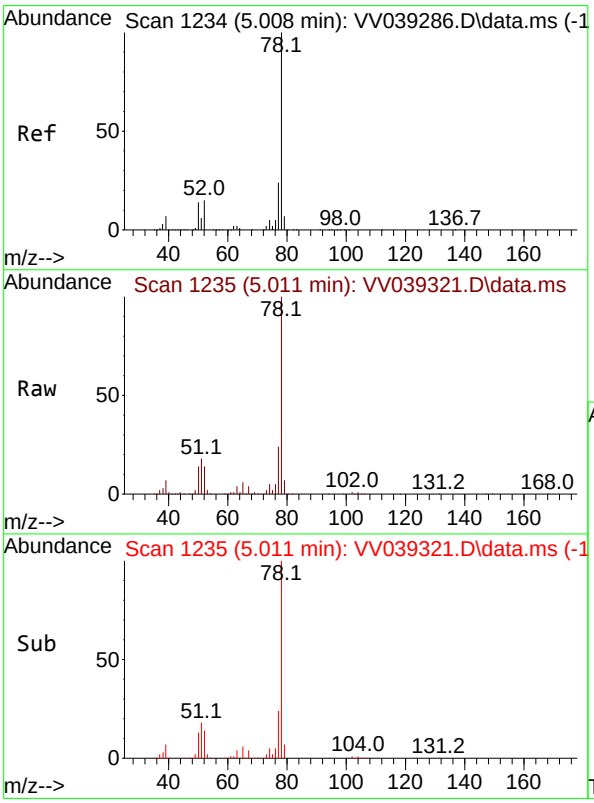
#35
Dibromofluoromethane
Concen: 47.002 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion:113 Resp: 647859

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.2	14.3	21.5

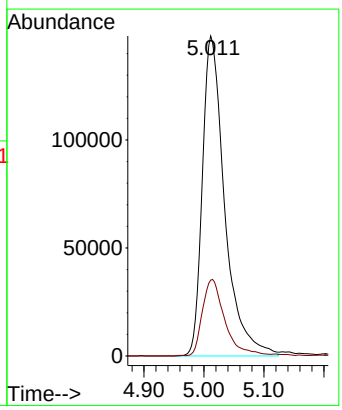


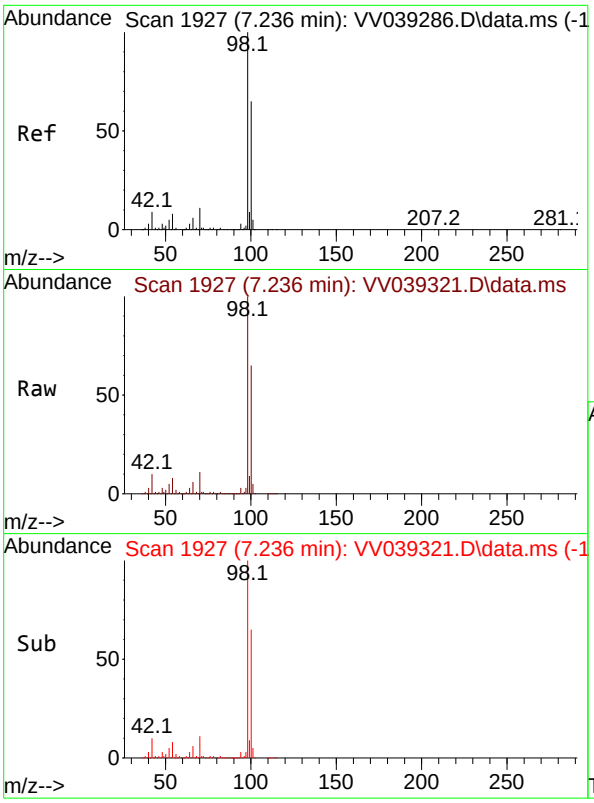


#40
Benzene
Concen: 6.922 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 78 Resp: 384536

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3



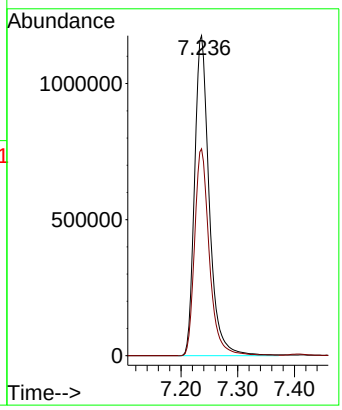


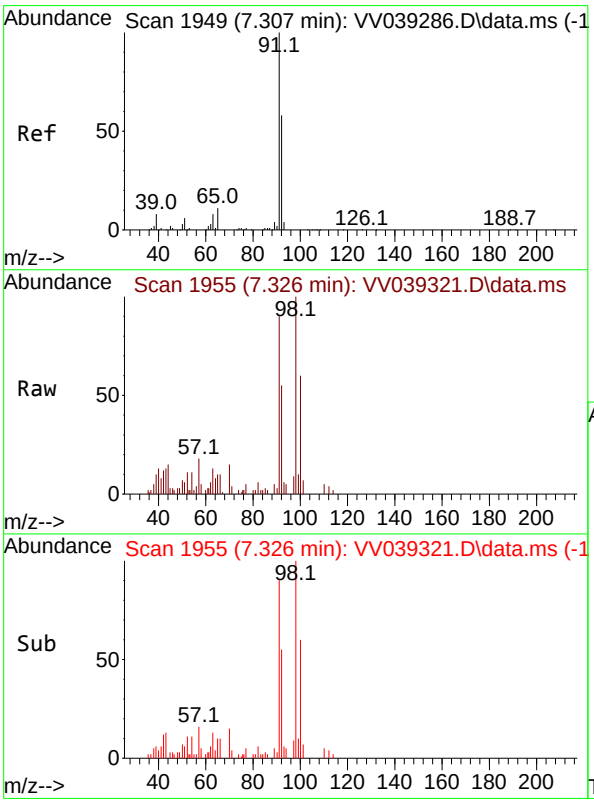
#50
Toluene-d8
Concen: 45.014 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 98 Resp: 2110762

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.8	79.2

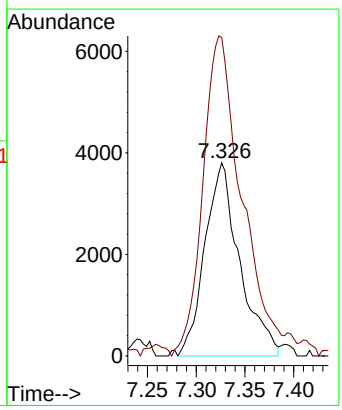


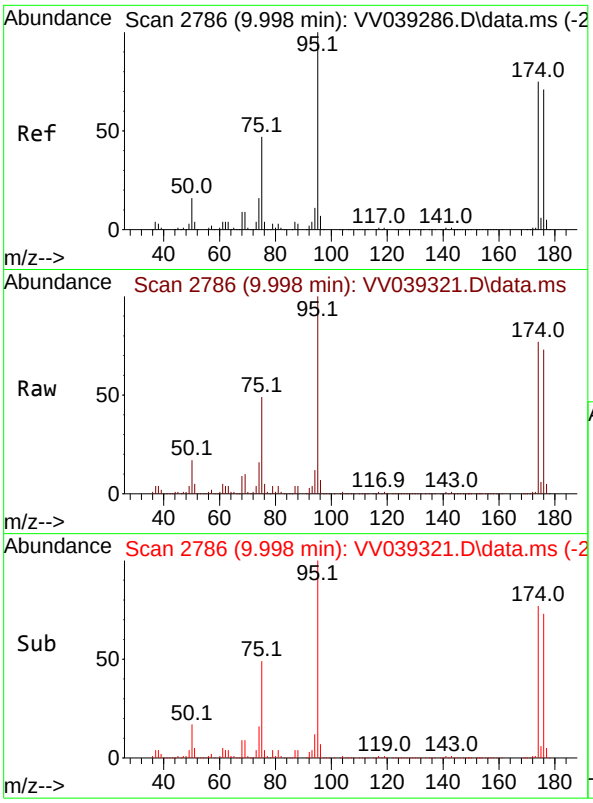


#52
Toluene
Concen: 0.281 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 92 Resp: 9429

Ion	Ratio	Lower	Upper
92	100		
91	185.0	137.3	205.9



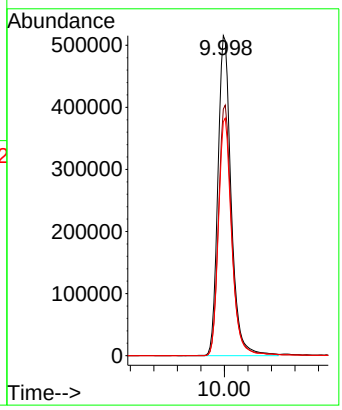


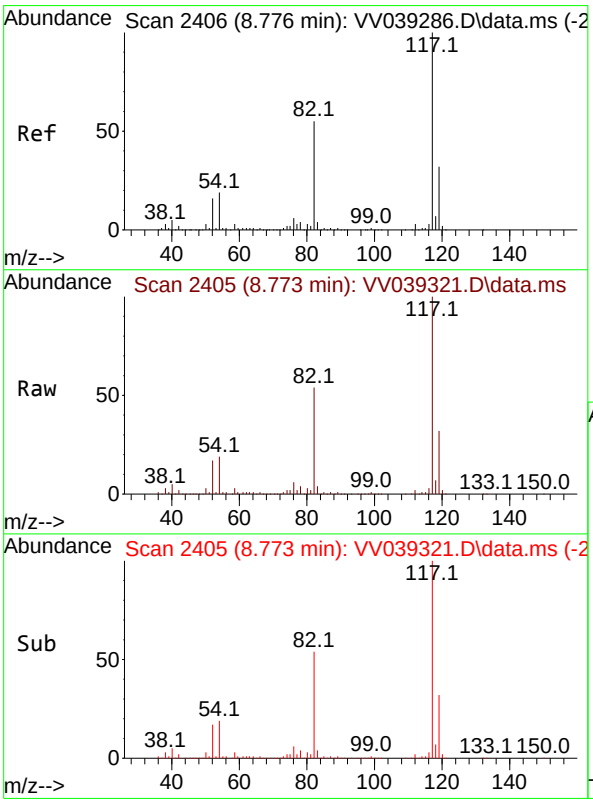
#62
4-Bromofluorobenzene
Concen: 48.186 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 95 Resp: 804695

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	153.6
176	74.1	0.0	146.0

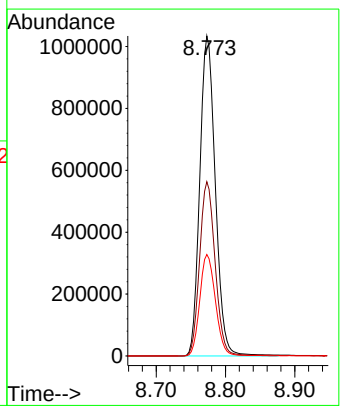


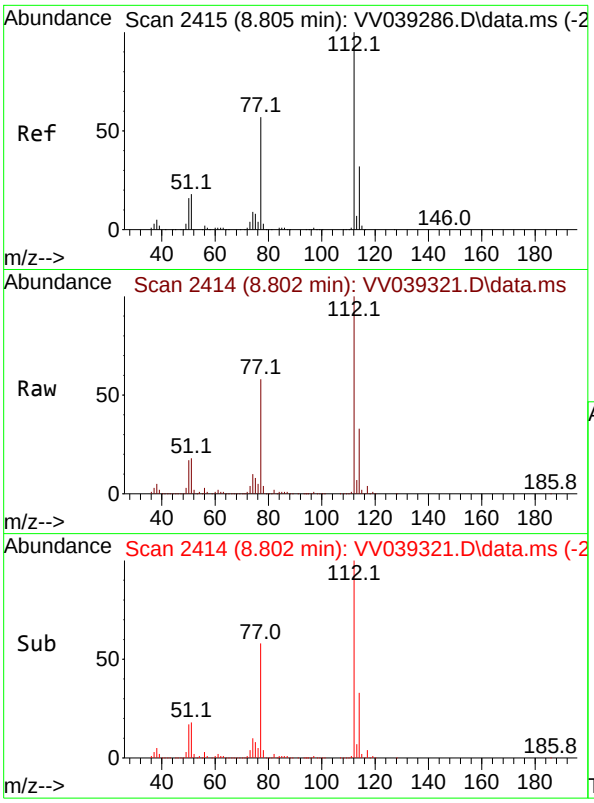


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:117 Resp: 1614553

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	31.7	25.8	38.6



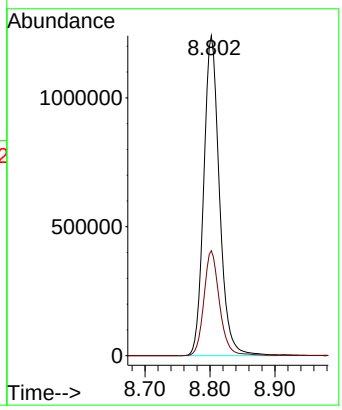


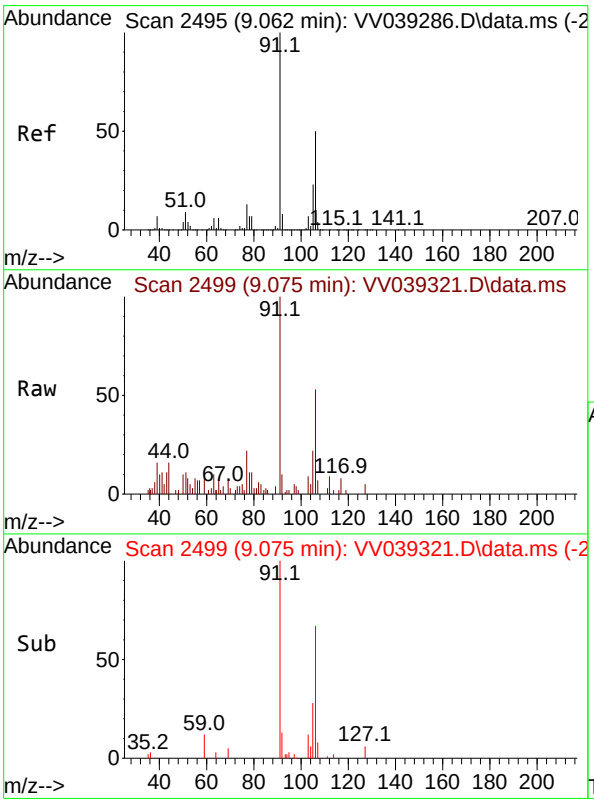
#65
Chlorobenzene
Concen: 54.724 ug/l
RT: 8.802 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion:112 Resp: 2091639

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.7	38.5

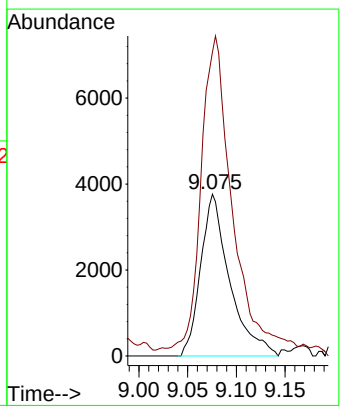


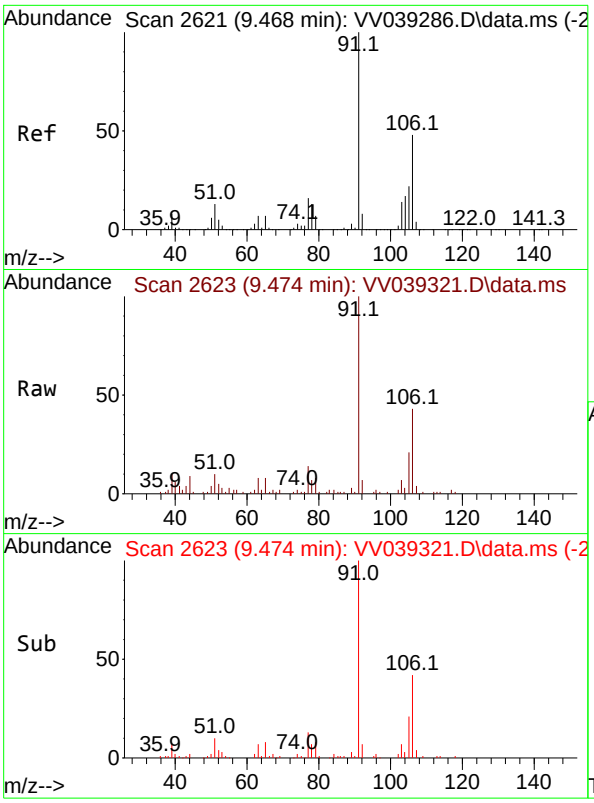


#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:106 Resp: 7810

Ion	Ratio	Lower	Upper
106	100		
91	204.2	160.2	240.2



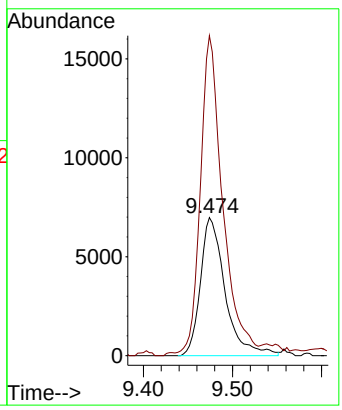


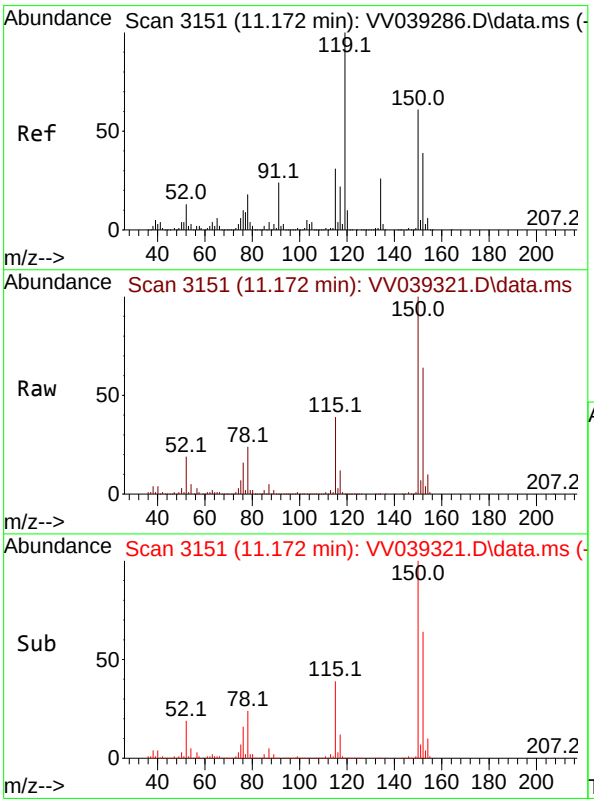
#69
o-Xylene
Concen: 0.680 ug/l
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion:106 Resp: 13414

Ion	Ratio	Lower	Upper
106	100		
91	210.9	105.8	317.3

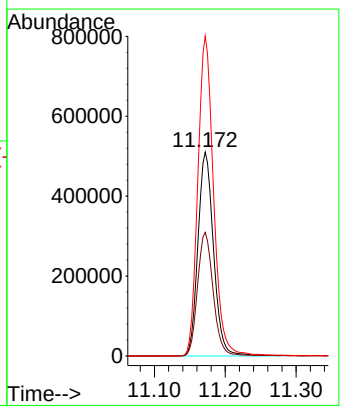


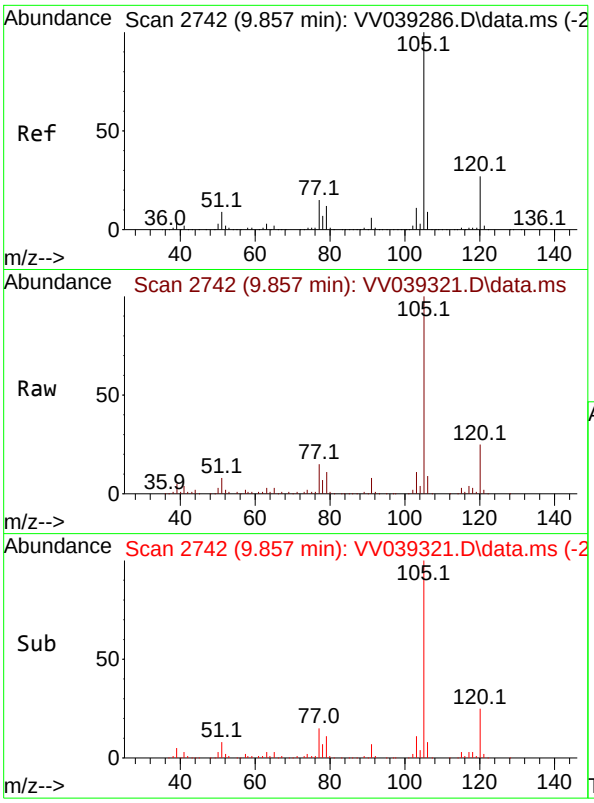


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:152 Resp: 779349

Ion	Ratio	Lower	Upper
152	100		
115	60.9	42.3	126.8
150	158.4	0.0	348.0



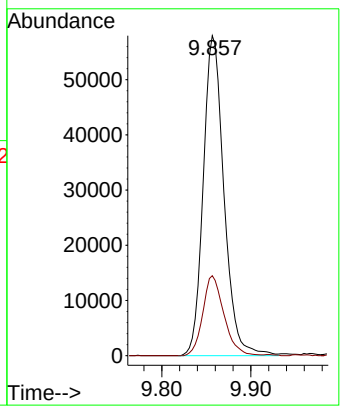


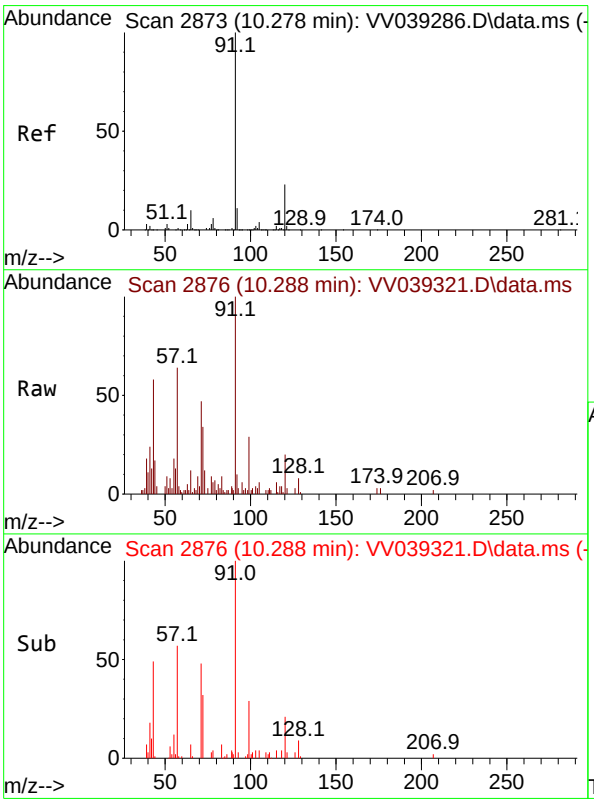
#73
Isopropylbenzene
Concen: 1.979 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion:105 Resp: 93652

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

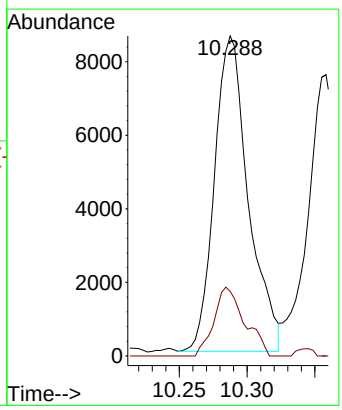


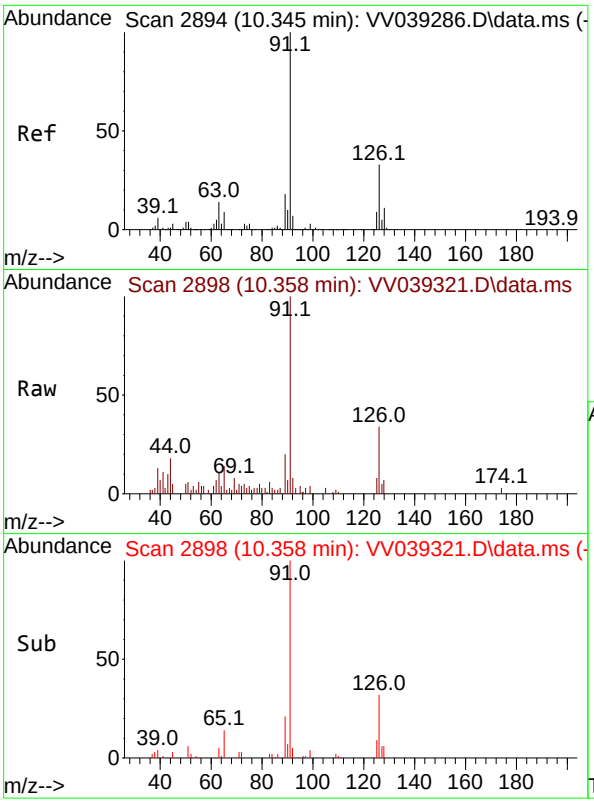


#78
n-propylbenzene
Concen: 0.260 ug/l
RT: 10.288 min Scan# 2876
Delta R.T. 0.010 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion: 91 Resp: 14925

Ion	Ratio	Lower	Upper
91	100		
120	19.7	11.5	34.5



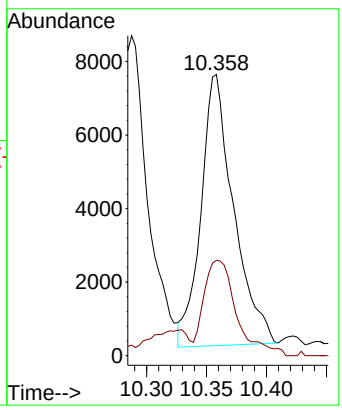


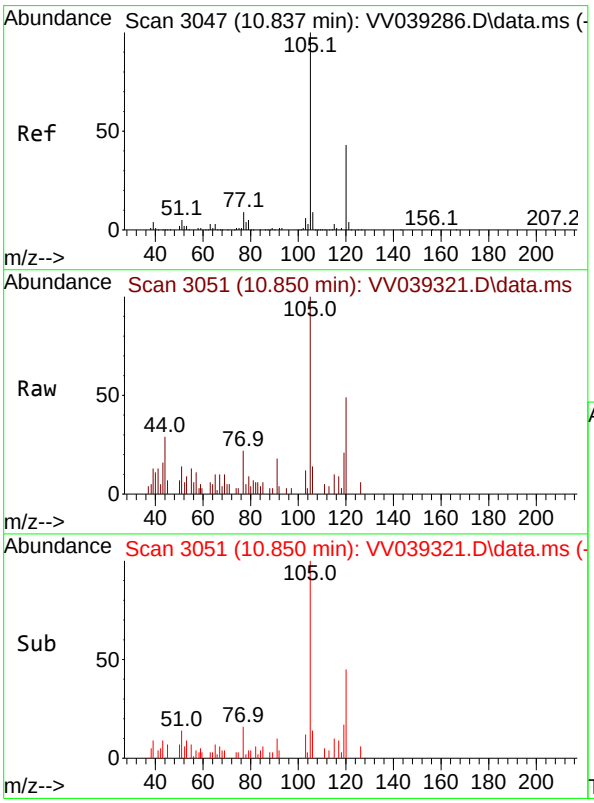
#79
2-Chlorotoluene
Concen: 0.394 ug/l
RT: 10.358 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion: 91 Resp: 13979

Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.9	50.6

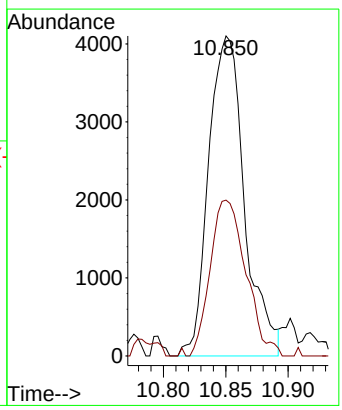


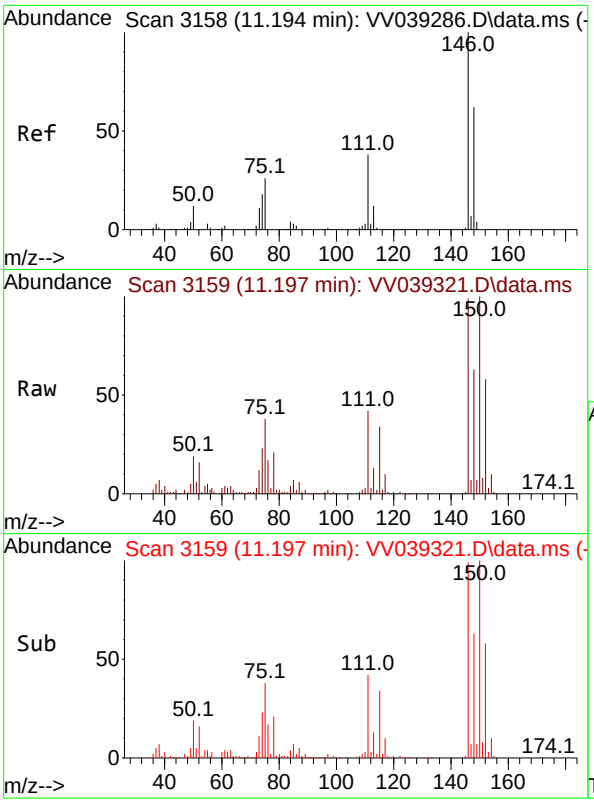


#84
1,2,4-Trimethylbenzene
Concen: 0.211 ug/l
RT: 10.850 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:105 Resp: 8227

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.8	68.4



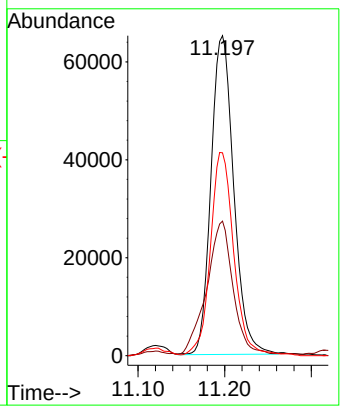


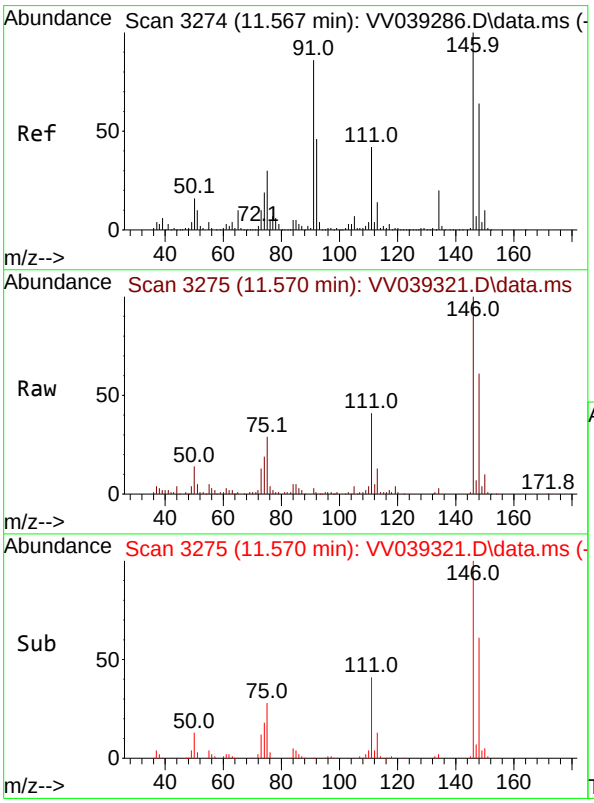
#88
1,4-Dichlorobenzene
Concen: 4.096 ug/l
RT: 11.197 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Tgt Ion:146 Resp: 118949

Ion	Ratio	Lower	Upper
146	100		
111	48.3	19.7	59.0
148	65.9	31.5	94.5

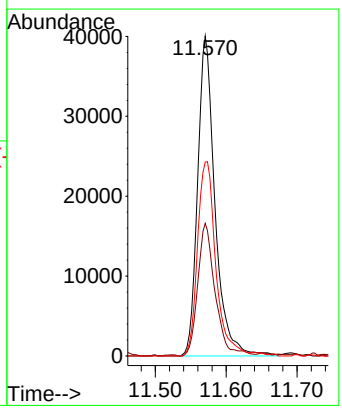




#91
1,2-Dichlorobenzene
Concen: 2.758 ug/l
RT: 11.570 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV039321.D
Acq: 04 Nov 2025 17:47

Tgt Ion:146 Resp: 68077

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	64.0
148	63.8	31.9	95.7



Sample Results: **VV039321.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.127	20	27	38	rVB	778200	937658	16.67%	1.790%
2	1.204	38	51	72	rBV	2015145	5625132	100.00%	10.739%
3	1.918	265	273	294	rBV	635216	1064784	18.93%	2.033%
4	2.127	330	338	361	rVB3	75482	158925	2.83%	0.303%
5	2.568	466	475	495	rVB2	73974	166010	2.95%	0.317%
6	3.214	660	676	710	rBV	1585211	4197238	74.62%	8.013%
7	3.802	842	859	897	rBV2	135578	478043	8.50%	0.913%
8	4.240	983	995	1039	rBV3	222275	692165	12.30%	1.321%
9	4.500	1060	1076	1095	rBV2	769905	2024808	36.00%	3.866%
10	4.600	1095	1107	1157	rVB	1073423	2960681	52.63%	5.652%
11	4.940	1200	1213	1227	rBV	811108	1912171	33.99%	3.651%
12	5.011	1227	1235	1259	rVV2	337762	884805	15.73%	1.689%
13	5.114	1260	1267	1290	rVV3	46295	134395	2.39%	0.257%
14	5.214	1290	1298	1334	rVB3	99535	274985	4.89%	0.525%
15	5.529	1384	1396	1434	rBV	1763610	4009194	71.27%	7.654%
16	7.236	1915	1927	1954	rBV	3005475	5470536	97.25%	10.444%
17	7.403	1971	1979	2001	rVB2	54277	121866	2.17%	0.233%
18	8.146	2201	2210	2220	rBV5	26750	56779	1.01%	0.108%
19	8.773	2394	2405	2409	rBV	3079975	4633900	82.38%	8.847%
20	8.802	2410	2414	2425	rVB	3650836	5099397	90.65%	9.736%
21	8.860	2426	2432	2437	rBV	245490	329547	5.86%	0.629%
22	9.474	2617	2623	2639	rVB	45015	78743	1.40%	0.150%
23	9.641	2664	2675	2691	rBV2	94095	162669	2.89%	0.311%
24	9.857	2732	2742	2760	rBV	145371	243364	4.33%	0.465%
25	9.998	2776	2786	2811	rBV	2427661	3796707	67.50%	7.248%
26	10.288	2867	2876	2892	rBV5	46991	98289	1.75%	0.188%
27	10.667	2985	2994	3014	rBV	63480	113254	2.01%	0.216%
28	11.172	3140	3151	3173	rBV	2997830	5044746	89.68%	9.631%
29	11.416	3219	3227	3231	rBV2	66259	92891	1.65%	0.177%
30	11.451	3231	3238	3254	rVB	203549	357538	6.36%	0.683%
31	11.570	3266	3275	3298	rVB	164446	303697	5.40%	0.580%
32	11.943	3383	3391	3407	rBV2	55930	105781	1.88%	0.202%
33	12.040	3414	3421	3446	rVB4	39583	94713	1.68%	0.181%
34	12.339	3507	3514	3523	rBV3	43566	66287	1.18%	0.127%
35	12.586	3580	3591	3602	rBV4	64571	118032	2.10%	0.225%
36	12.808	3646	3660	3672	rBV3	90608	171413	3.05%	0.327%

Sample Results: **VV039321.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

37	14.557	4196	4204	4227	rVB	87504	173069	3.08%	0.330%
38	14.741	4251	4261	4277	rBV2	72092	125153	2.22%	0.239%

Sum of corrected areas: 52379365

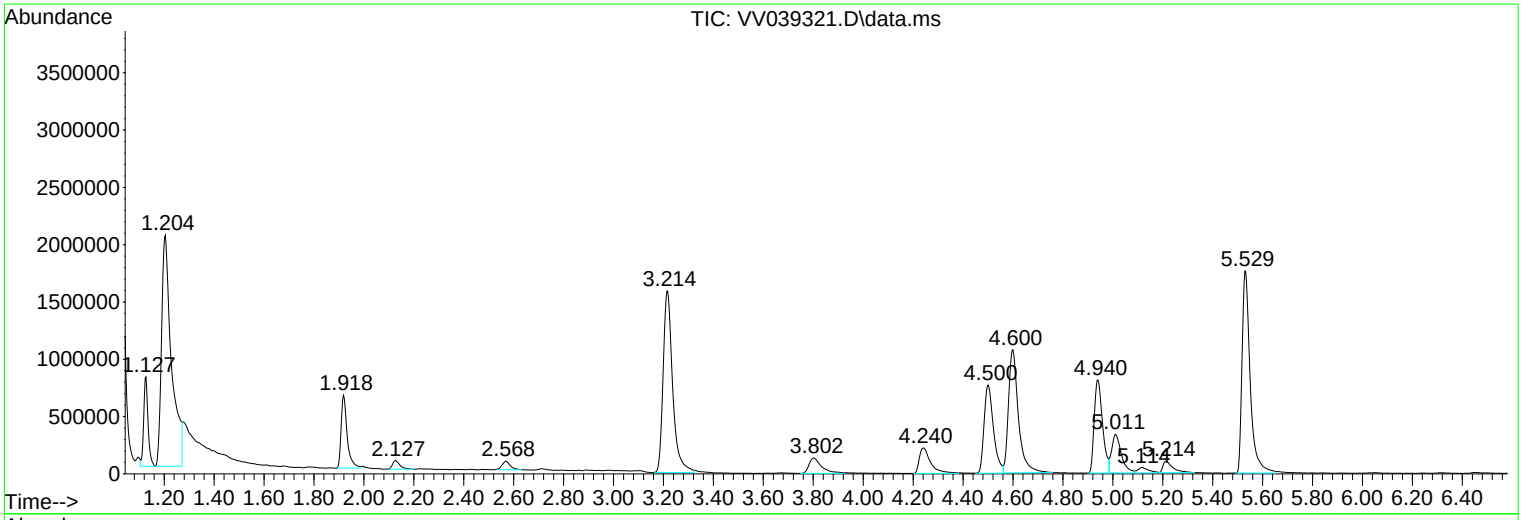
Sample Results: **VV039321.D**

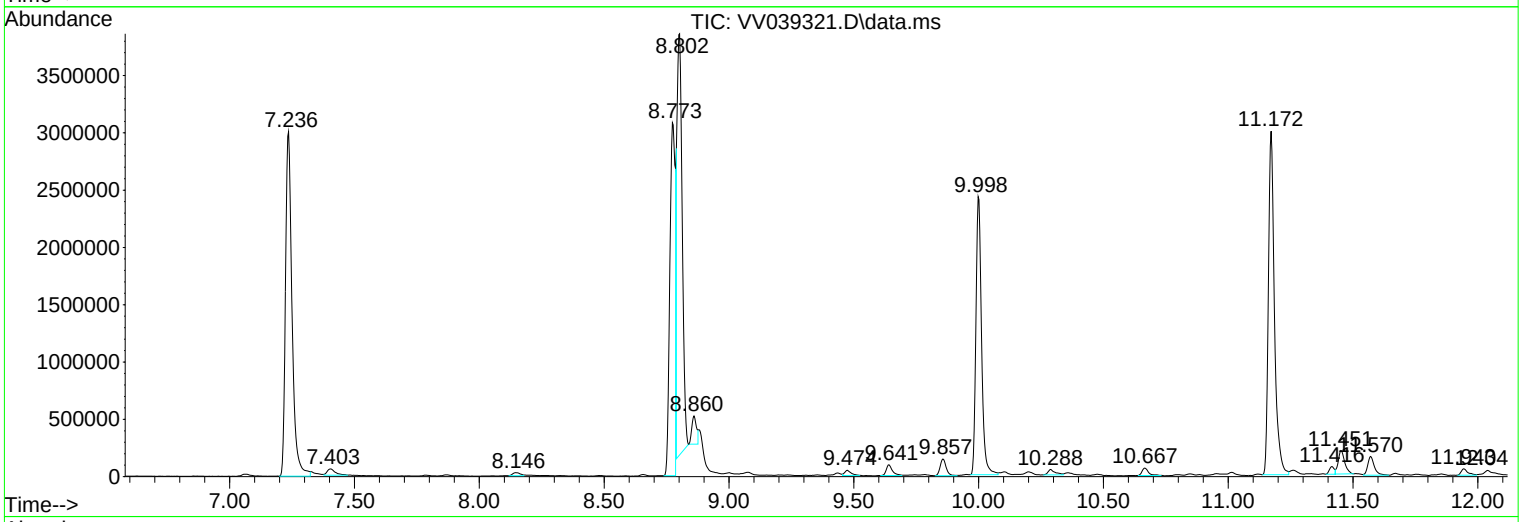
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

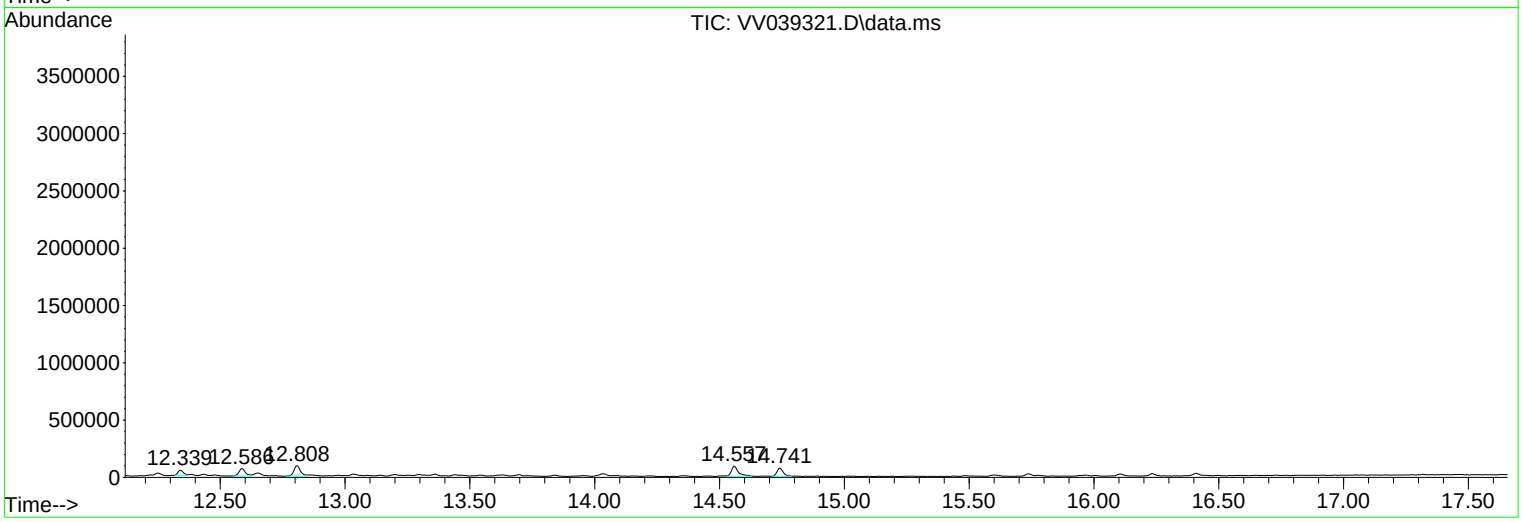
Instrument :
MSVOA_V
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039321.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039321.D
Acq On : 04 Nov 2025 17:47
Operator : SY/MD
Sample : Q3534-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Quant Time: Nov 05 00:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

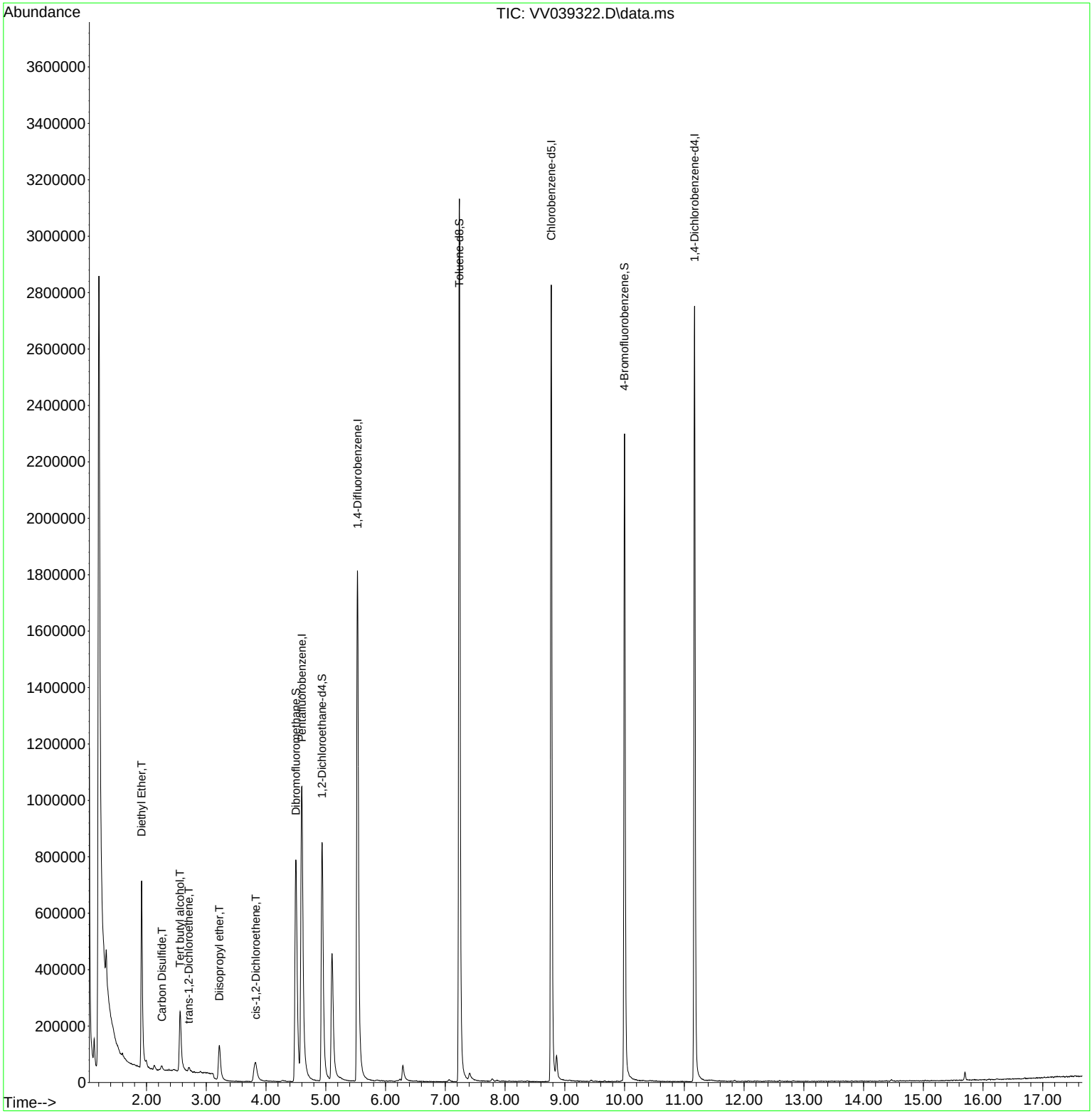
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	916194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1787762	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1600815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	725582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	755450	58.028	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 116.060%			
35) Dibromofluoromethane	4.500	113	668222	47.438	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.880%			
50) Toluene-d8	7.236	98	2225824	46.448	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.900%			
62) 4-Bromofluorobenzene	9.998	95	776019	45.470	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 90.940%			
Target Compounds						Qvalue
8) Diethyl Ether	1.918	74	270465	35.620	ug/l	98
11) Tert butyl alcohol	2.561	59	266760	105.733	ug/l	99
17) Carbon Disulfide	2.259	76	25913	0.743	ug/l #	92
21) trans-1,2-Dichloroethene	2.706	96	4905	0.377	ug/l	84
22) Diisopropyl ether	3.220	45	130825	3.721	ug/l #	34
27) cis-1,2-Dichloroethene	3.831	96	23404	1.797	ug/l	95

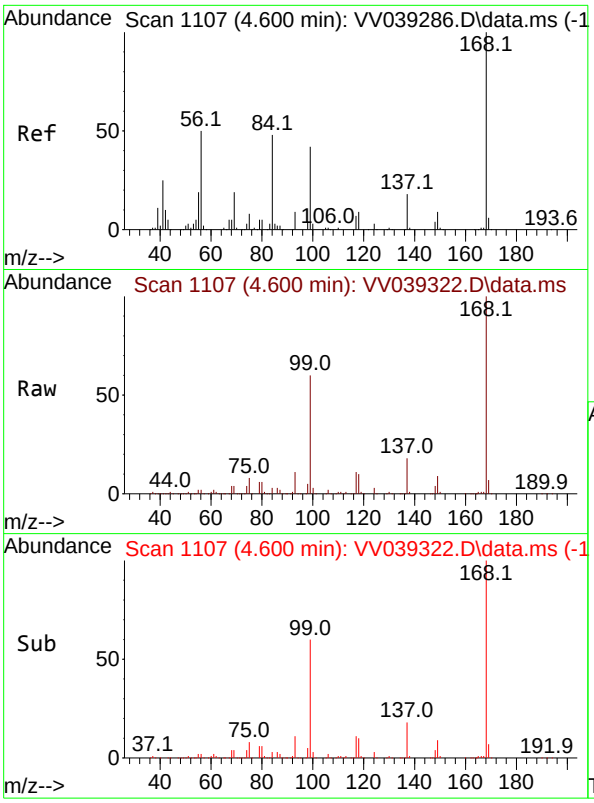
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Quant Time: Nov 05 00:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



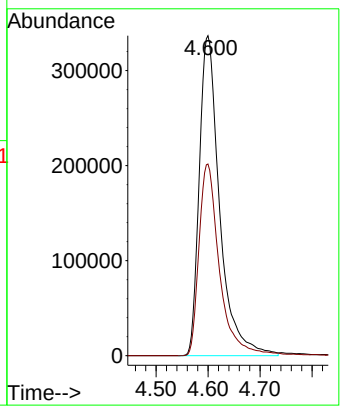


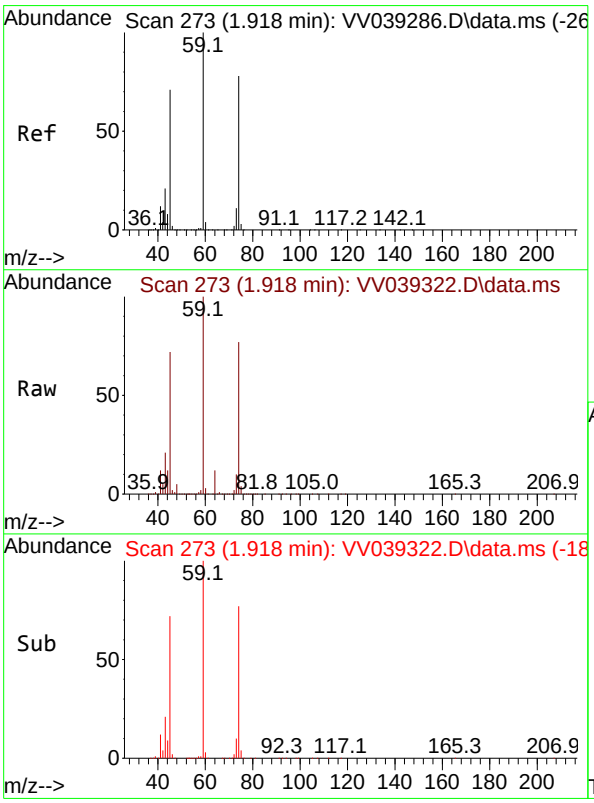
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion:168 Resp: 916194

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	70.0

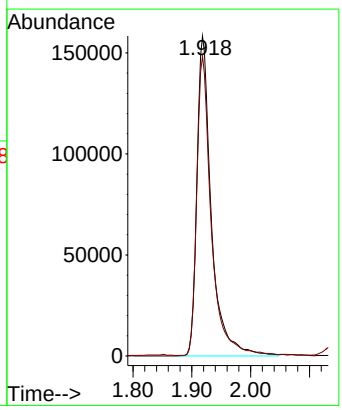


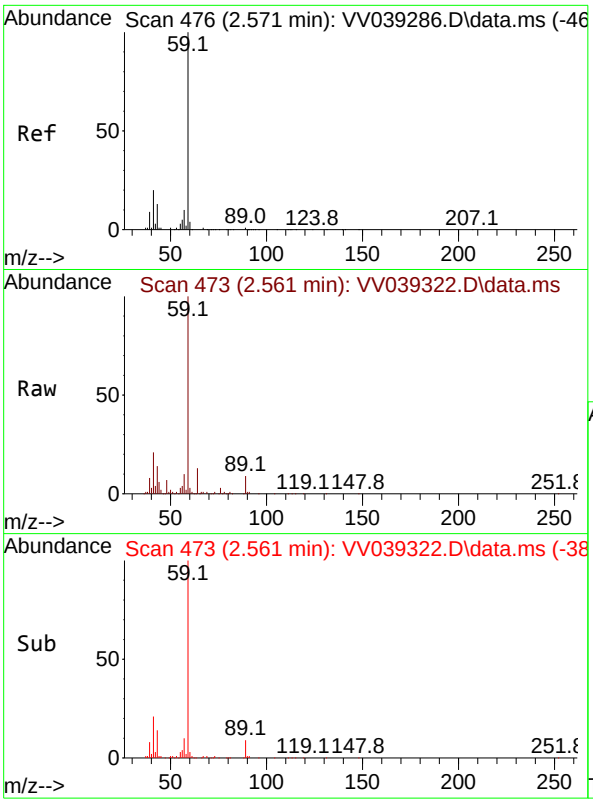


#8
Diethyl Ether
Concen: 35.620 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 74 Resp: 270465

Ion	Ratio	Lower	Upper
74	100		
45	93.7	45.9	137.7



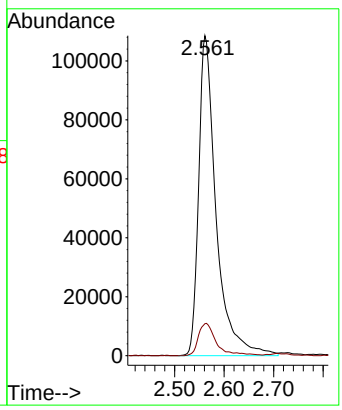


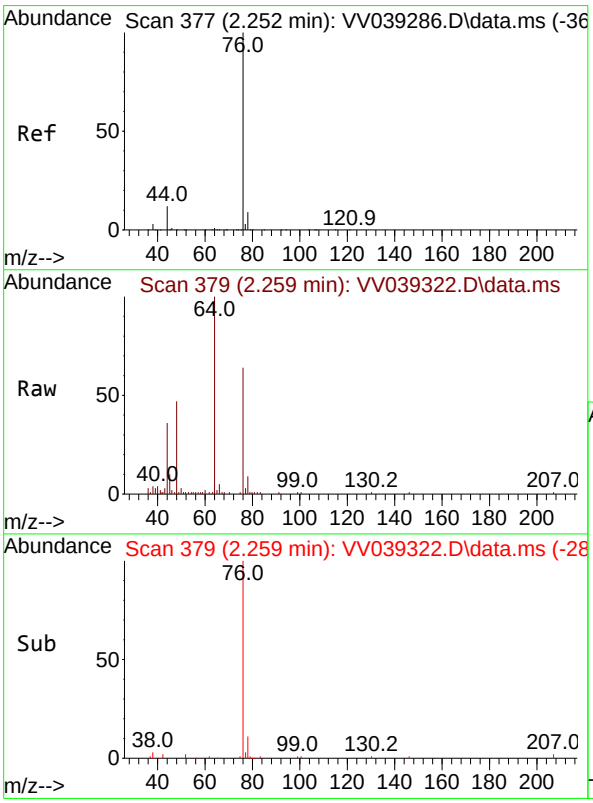
#11
Tert butyl alcohol
Concen: 105.733 ug/l
RT: 2.561 min Scan# 4
Delta R.T. -0.010 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion: 59 Resp: 266760

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

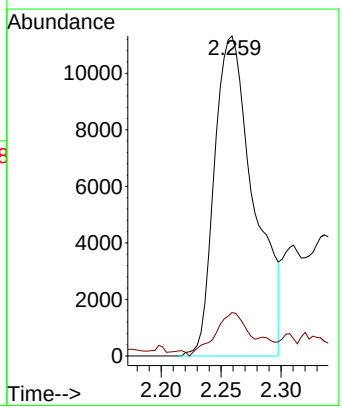




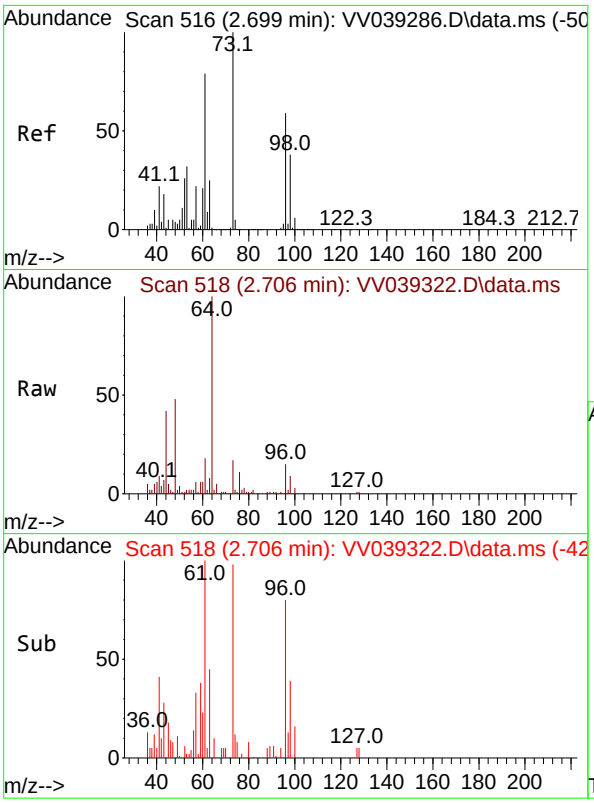
#17
Carbon Disulfide
Concen: 0.743 ug/l
RT: 2.259 min Scan# 379
Delta R.T. 0.007 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 76 Resp: 25913

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.4	11.0#



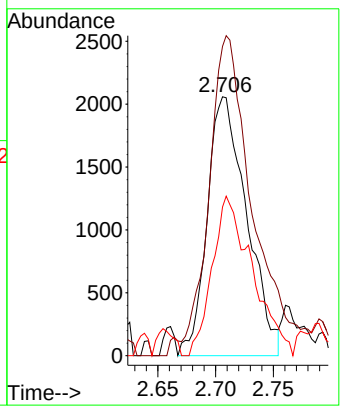
Instrument :
MSVOA_V
ClientSampleId :
MW-1

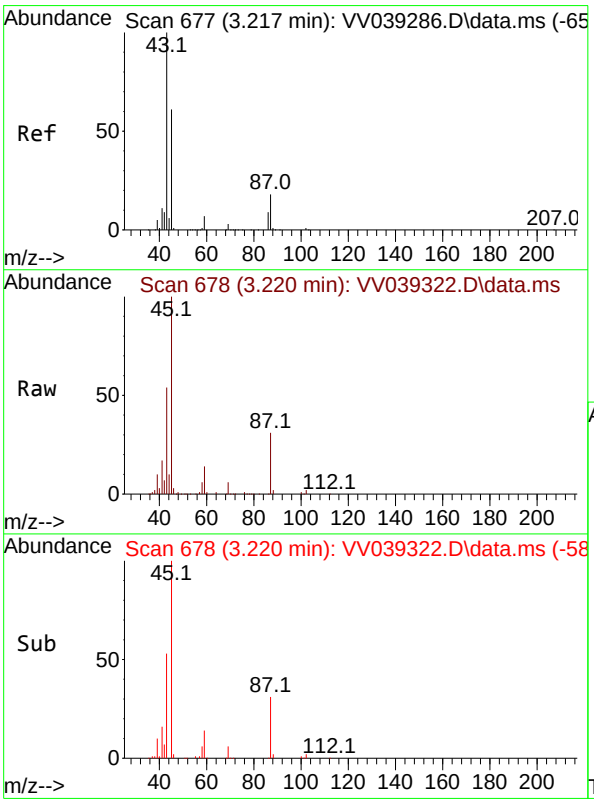


#21
trans-1,2-Dichloroethene
Concen: 0.377 ug/l
RT: 2.706 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 96 Resp: 4905

Ion	Ratio	Lower	Upper
96	100		
61	113.8	106.8	160.2
98	51.8	51.1	76.7

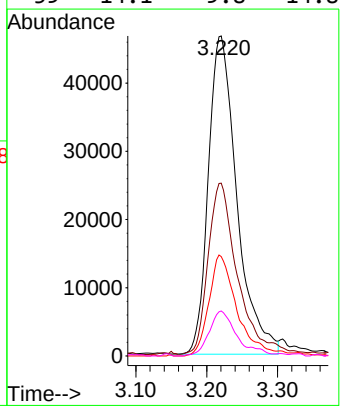


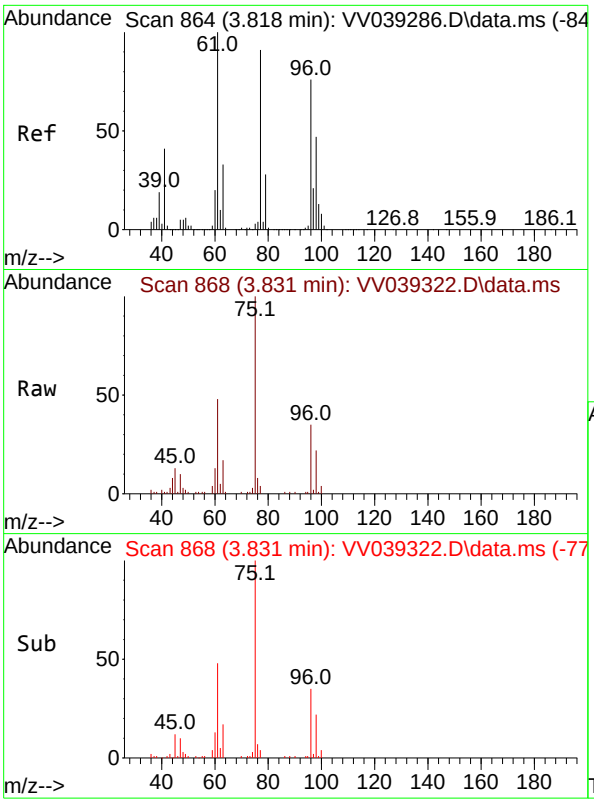


#22
Diisopropyl ether
Concen: 3.721 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.003 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 45 Resp: 130825

Ion	Ratio	Lower	Upper
45	100		
43	53.7	130.8	196.2#
87	31.2	23.8	35.8
59	14.1	9.8	14.8



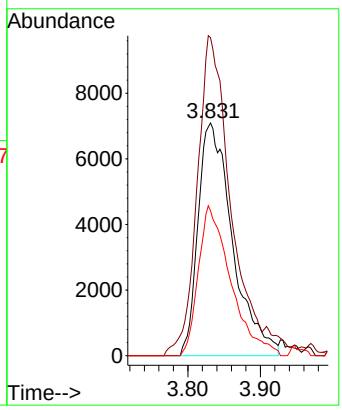


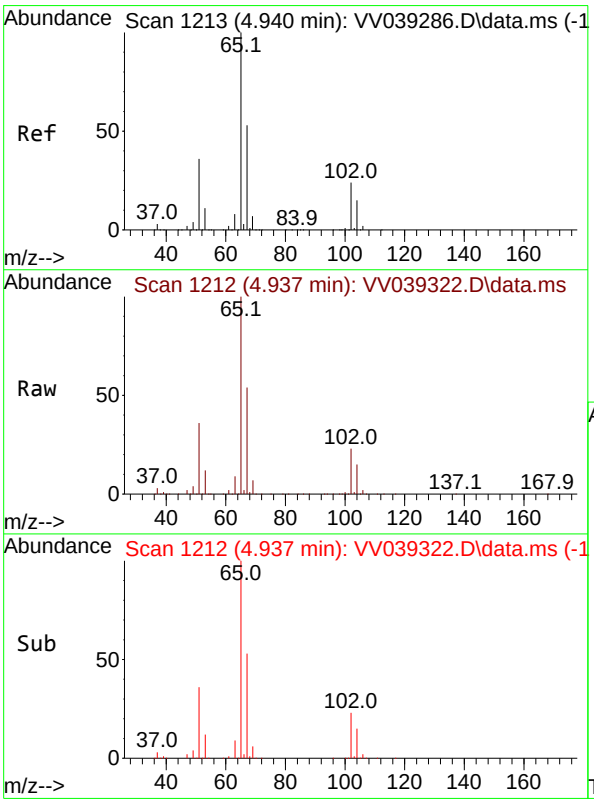
#27
cis-1,2-Dichloroethene
Concen: 1.797 ug/l
RT: 3.831 min Scan# 8
Delta R.T. 0.013 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion: 96 Resp: 23404

Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	275.0
98	60.5	0.0	127.8

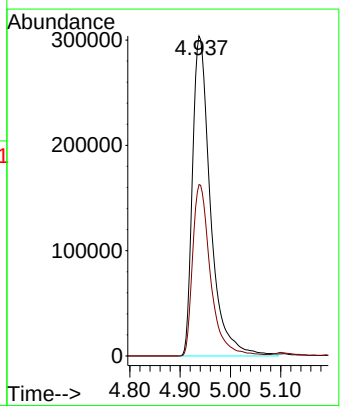


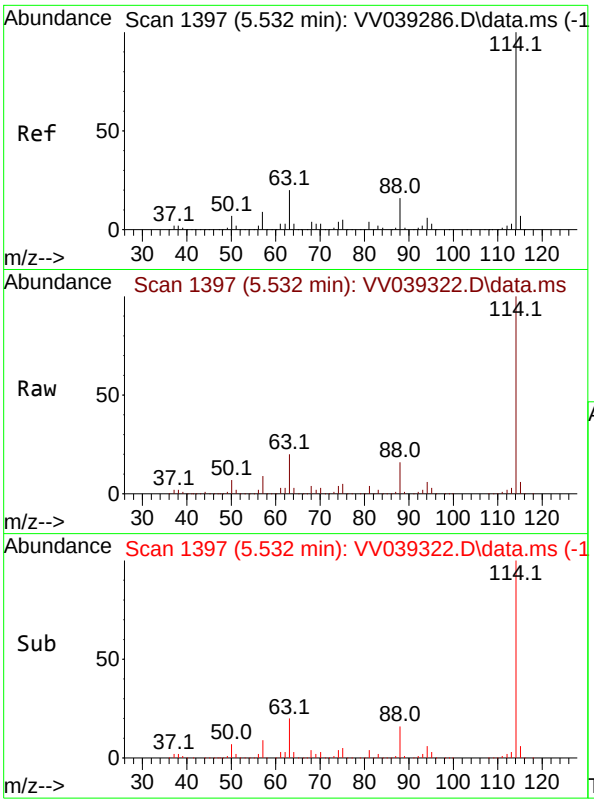


#33
1,2-Dichloroethane-d4
Concen: 58.028 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 65 Resp: 755450

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.4



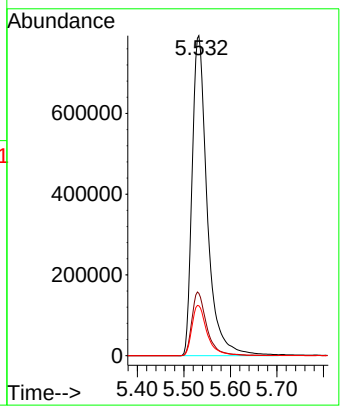


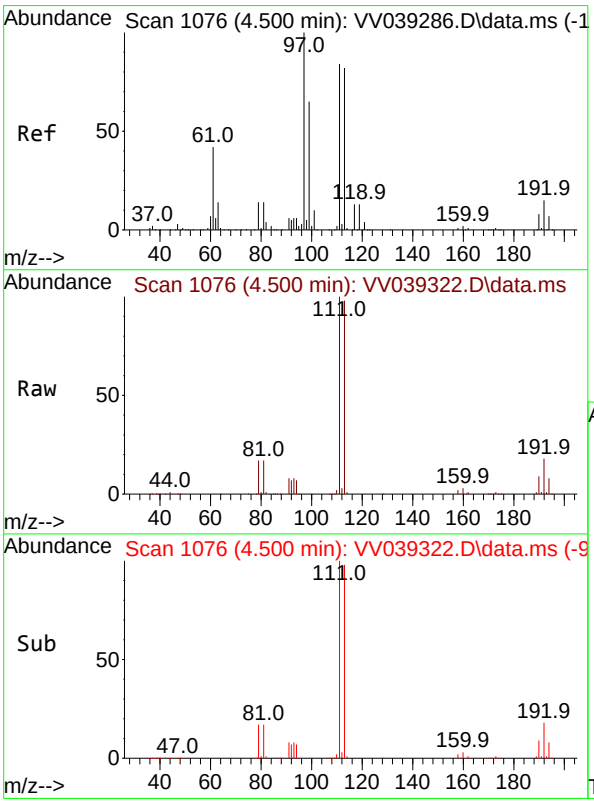
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion:114 Resp: 1787762

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.6	0.0	31.6

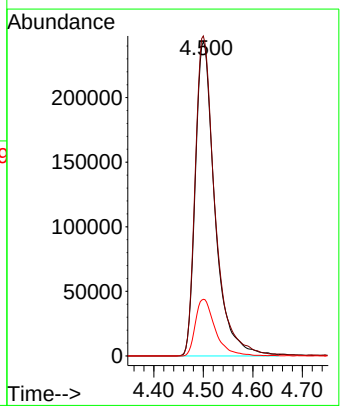


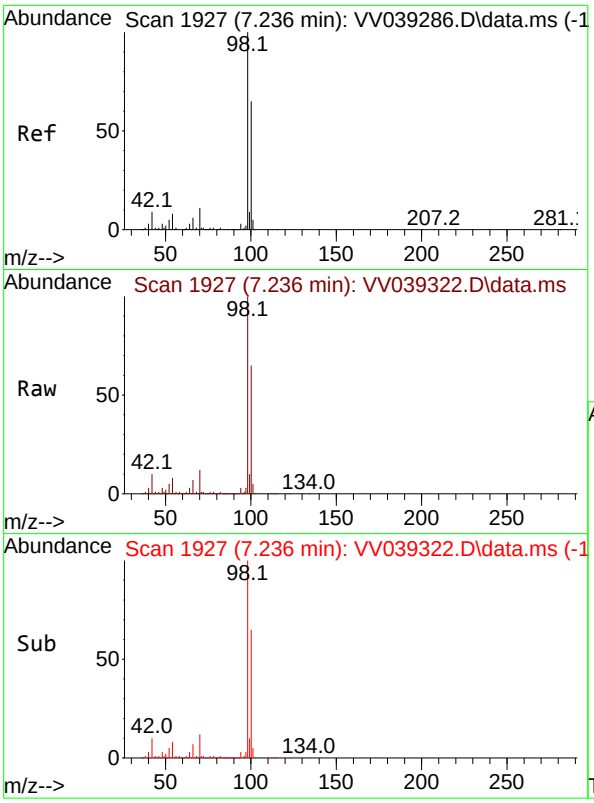


#35
Dibromofluoromethane
Concen: 47.438 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion:113 Resp: 668222

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.3	14.3	21.5



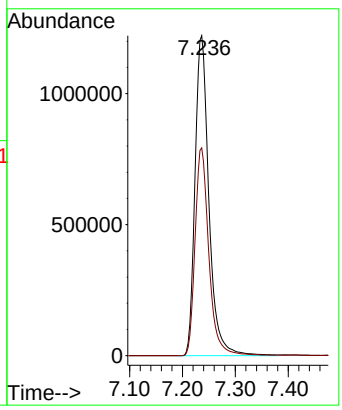


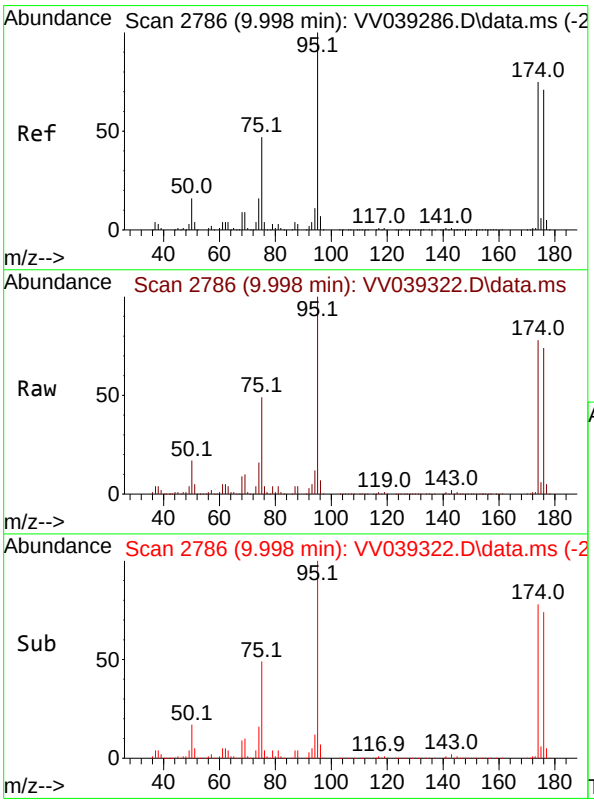
#50
Toluene-d8
Concen: 46.448 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion: 98 Resp: 2225824

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2

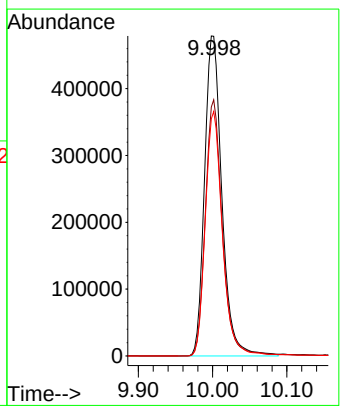


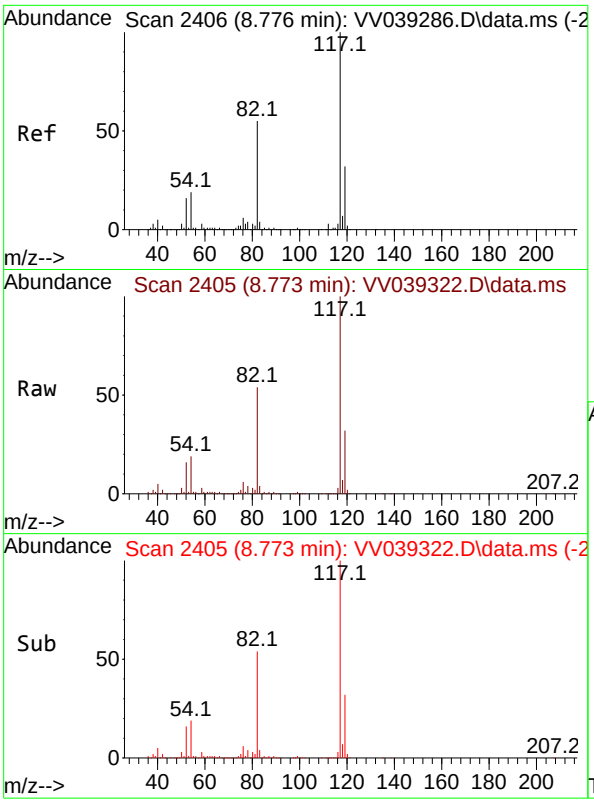


#62
4-Bromofluorobenzene
Concen: 45.470 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion: 95 Resp: 776019

Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	153.6
176	75.5	0.0	146.0



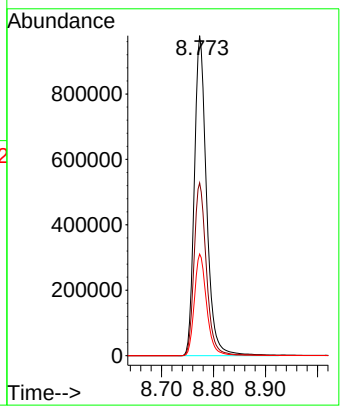


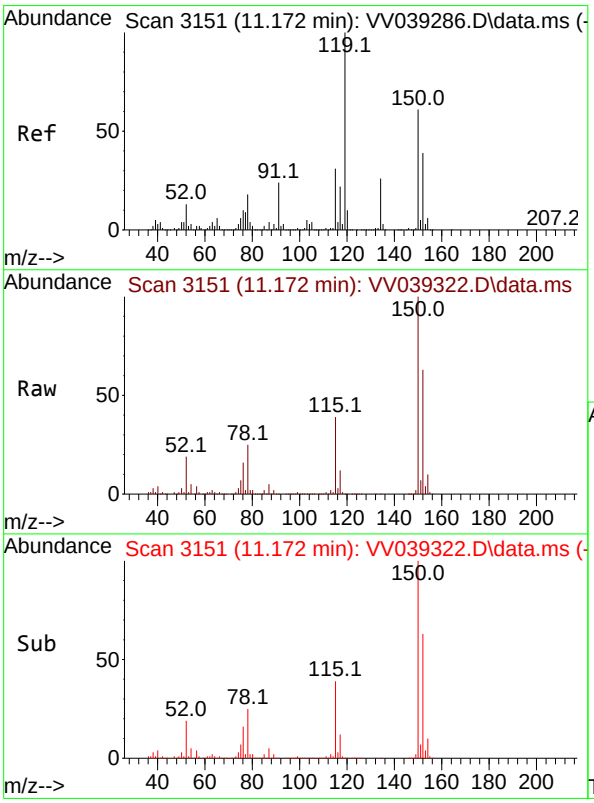
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 1600815

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.8	25.8	38.6

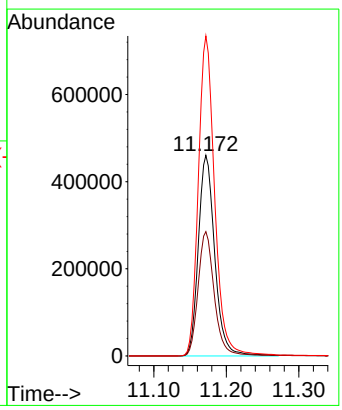




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039322.D
Acq: 04 Nov 2025 18:09

Tgt Ion:152 Resp: 725582

Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.3	126.8
150	158.4	0.0	348.0



Sample Results: **VV039322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.124	21	26	37	rVB2	97003	131126	1.58%	0.315%
2	1.204	38	51	83	rBV	2800451	8314774	100.00%	19.952%
3	1.918	264	273	294	rBV	660447	1111835	13.37%	2.668%
4	2.561	463	473	499	rBV2	205814	471318	5.67%	1.131%
5	3.220	665	678	703	rVB2	120357	316936	3.81%	0.760%
6	3.825	841	866	892	rBV3	68394	277660	3.34%	0.666%
7	4.500	1058	1076	1094	rBV	786463	2079209	25.01%	4.989%
8	4.600	1095	1107	1141	rVB	1028696	2776192	33.39%	6.662%
9	4.937	1200	1212	1242	rBV	844812	2073532	24.94%	4.976%
10	5.105	1252	1264	1303	rBV	443065	1173985	14.12%	2.817%
11	5.529	1381	1396	1452	rBV	1809209	4124598	49.61%	9.897%
12	6.291	1624	1633	1665	rVB2	53862	132143	1.59%	0.317%
13	7.236	1911	1927	1970	rBV	3129475	5767042	69.36%	13.838%
14	8.773	2390	2405	2425	rBV	2823249	4658047	56.02%	11.177%
15	8.863	2426	2433	2458	rVB2	86137	181235	2.18%	0.435%
16	10.001	2775	2787	2815	rBV	2291995	3722039	44.76%	8.931%
17	11.172	3135	3151	3190	rBV	2748700	4363026	52.47%	10.469%

Sum of corrected areas: 41674697

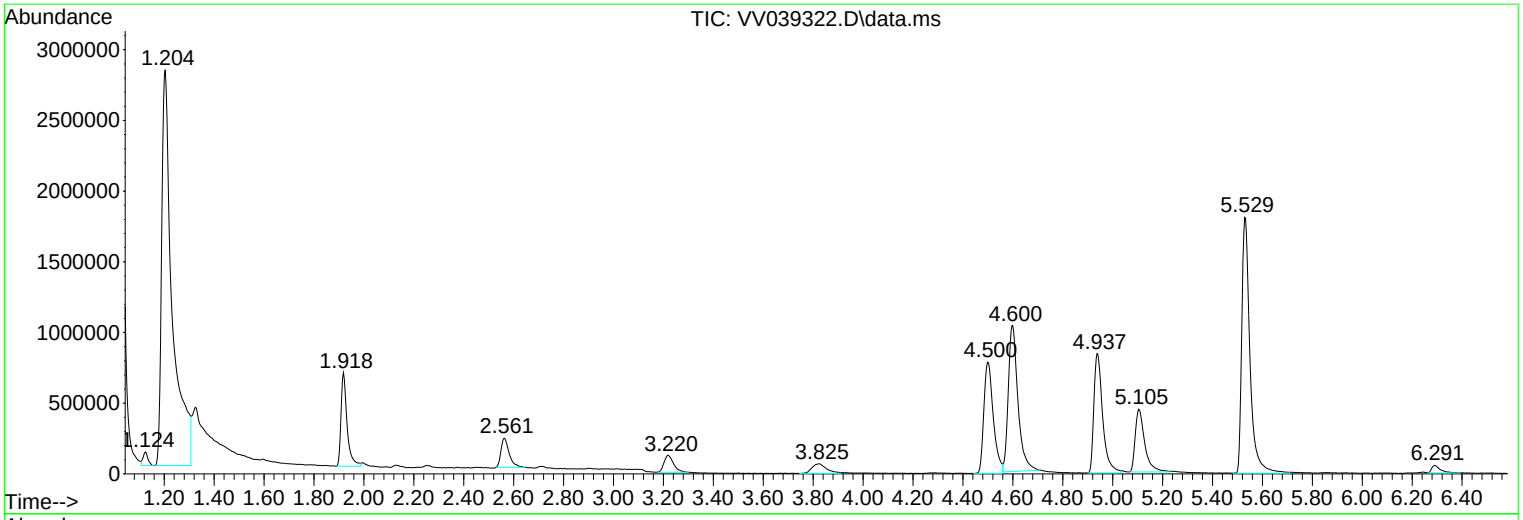
Sample Results: **VV039322.D**

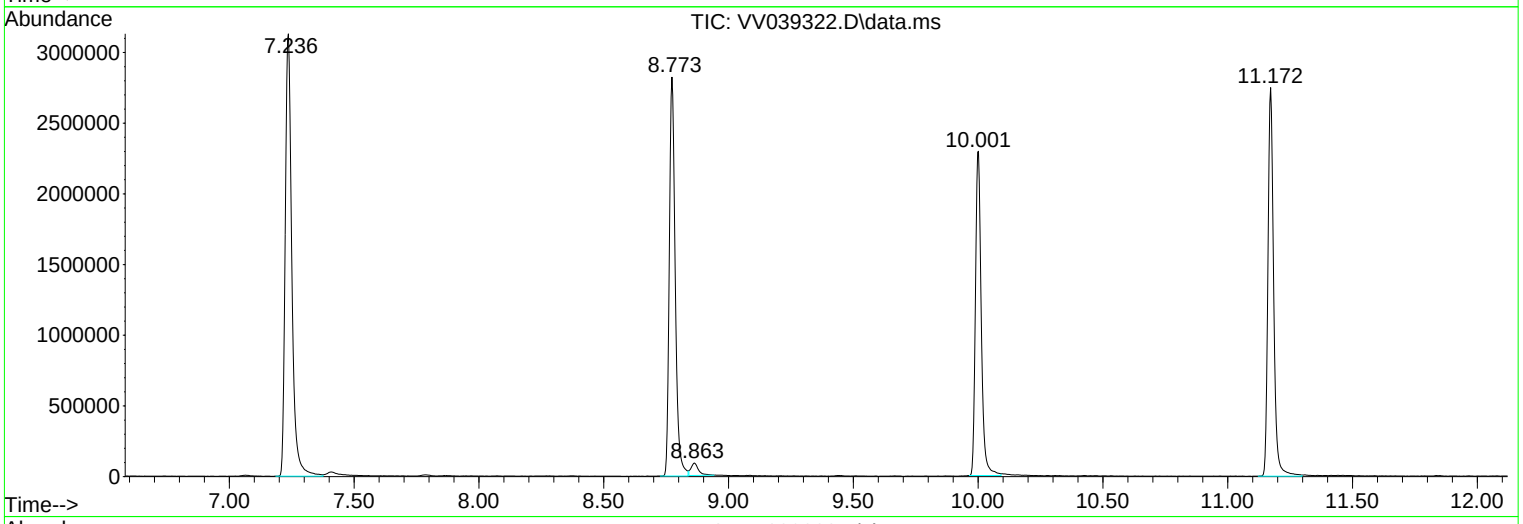
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

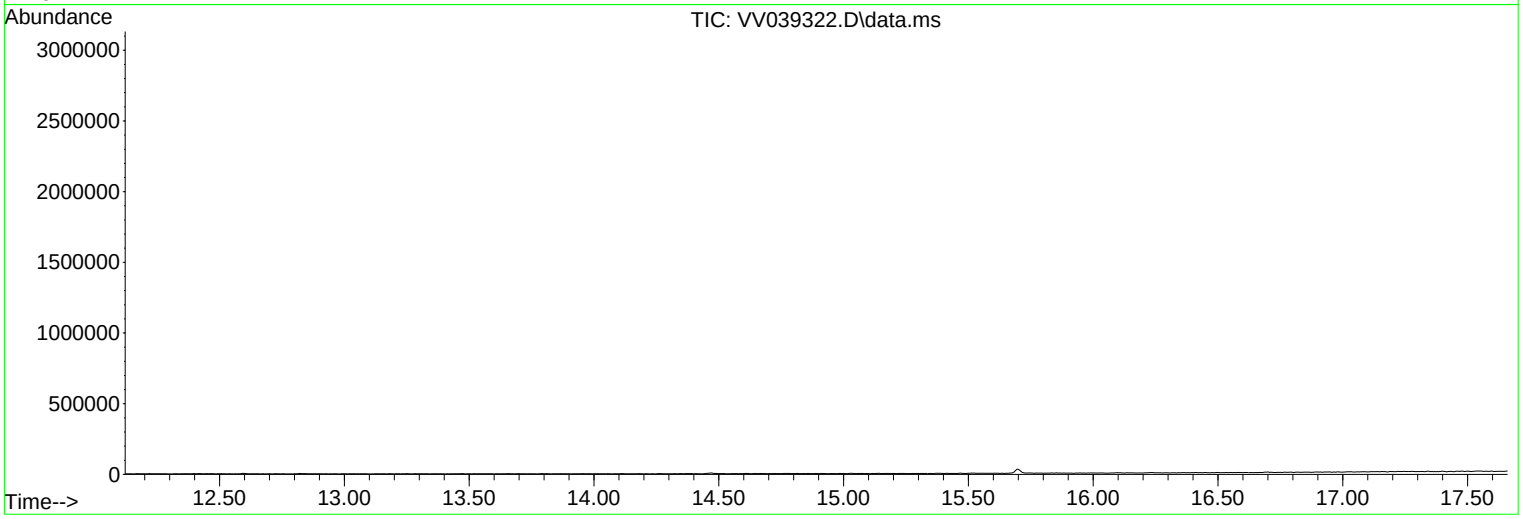
Instrument :
MSVOA_V
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039322.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039322.D
Acq On : 04 Nov 2025 18:09
Operator : SY/MD
Sample : Q3534-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Time: Nov 06 00:14:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

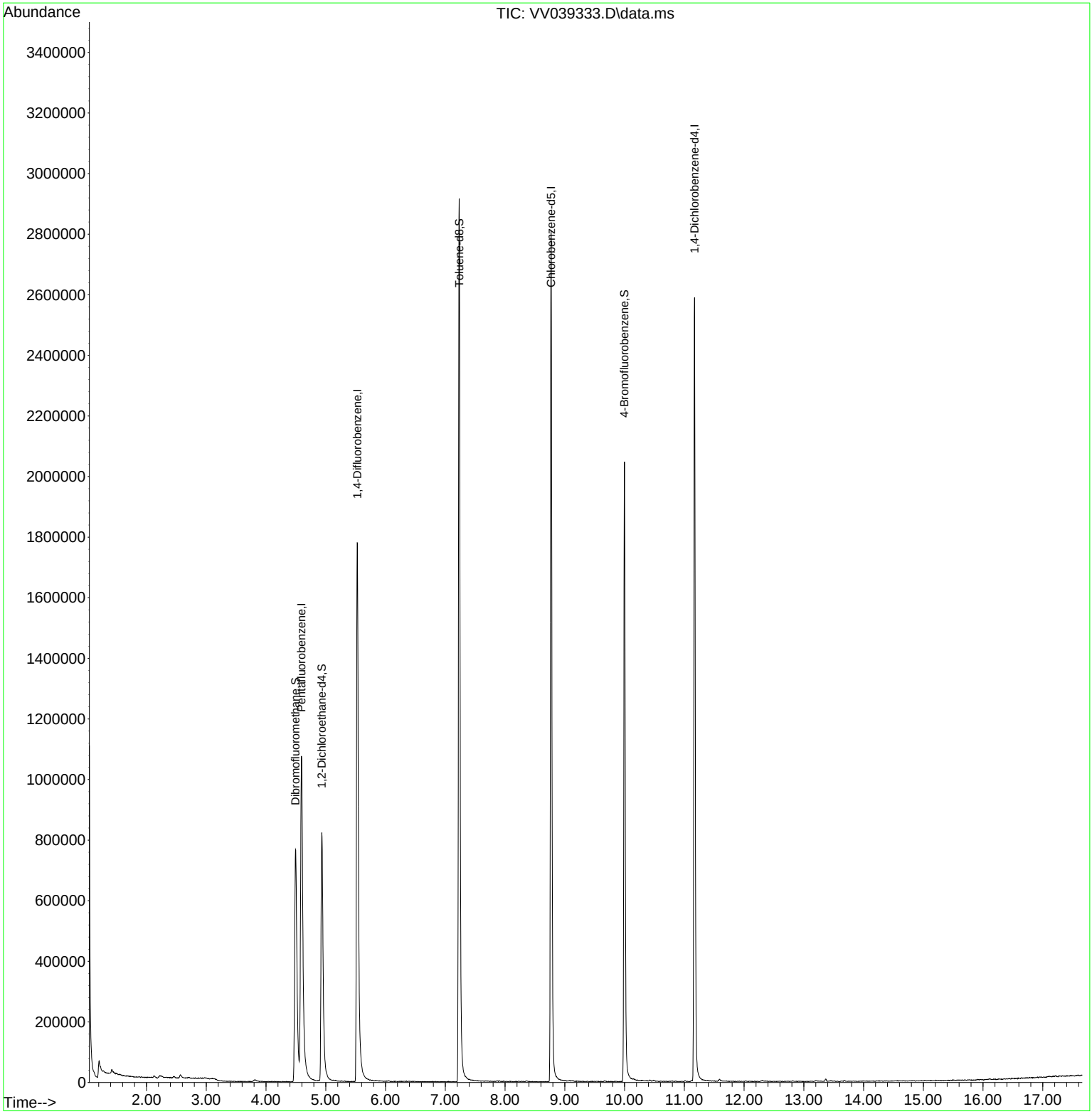
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.593	168	938043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1744872	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.770	117	1594094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	693574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	730166	54.780	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.560%			
35) Dibromofluoromethane	4.494	113	646489	47.023	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.040%			
50) Toluene-d8	7.233	98	2079730	44.466	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.940%#			
62) 4-Bromofluorobenzene	9.998	95	694449	41.691	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 83.380%#			
Target Compounds						Qvalue

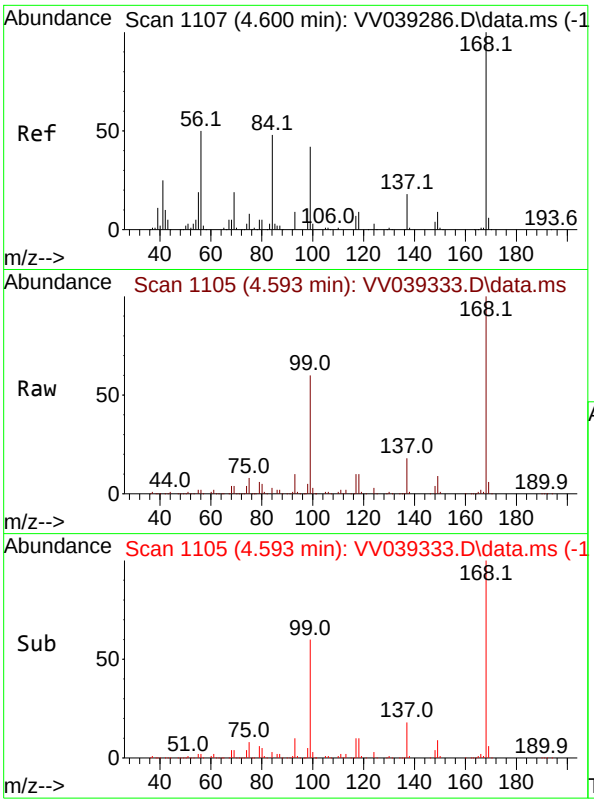
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Time: Nov 06 00:14:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



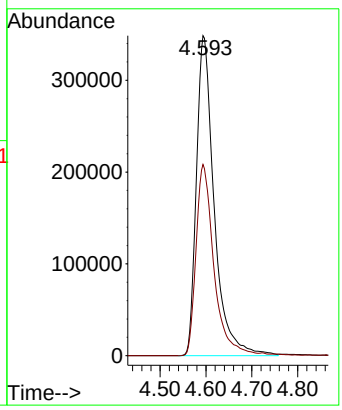


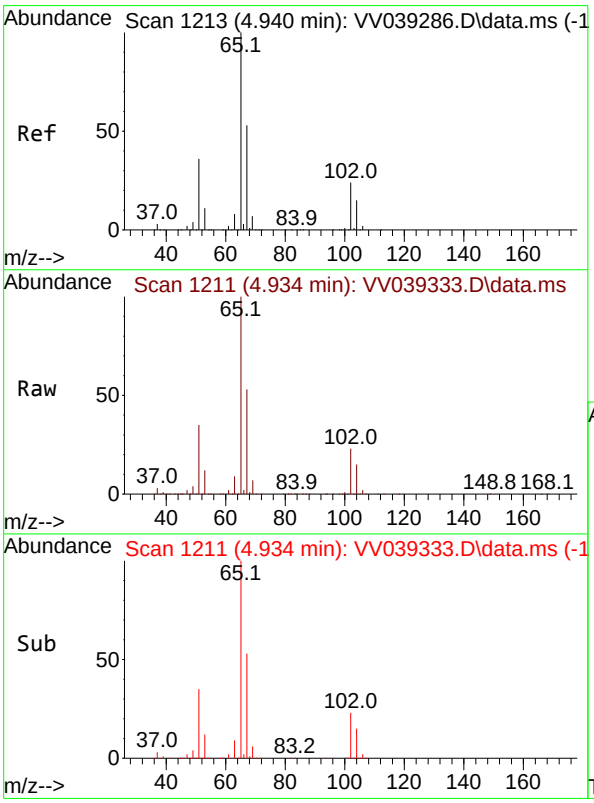
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Tgt Ion:168 Resp: 938043

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.6	70.0

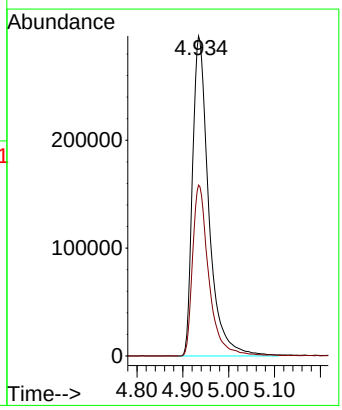


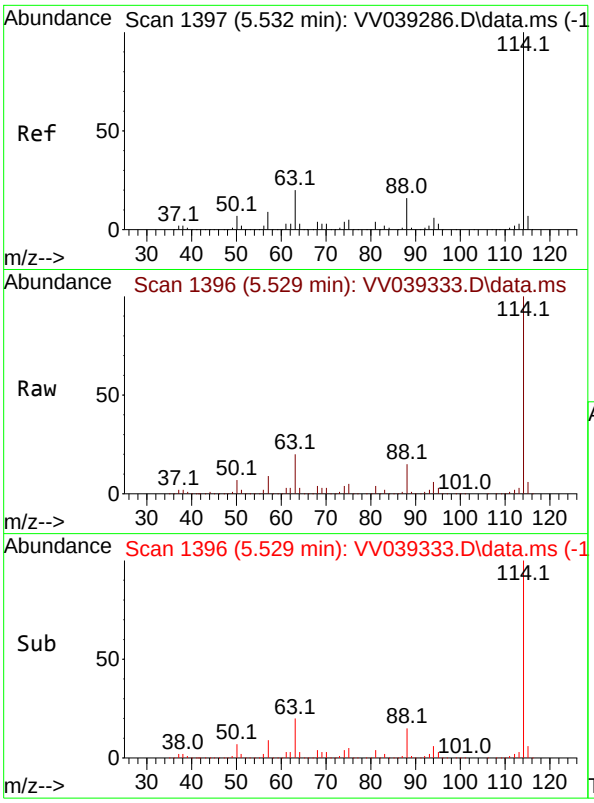


#33
1,2-Dichloroethane-d4
Concen: 54.780 ug/l
RT: 4.934 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Tgt Ion: 65 Resp: 730166

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.4



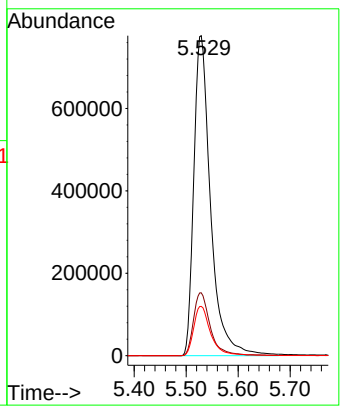


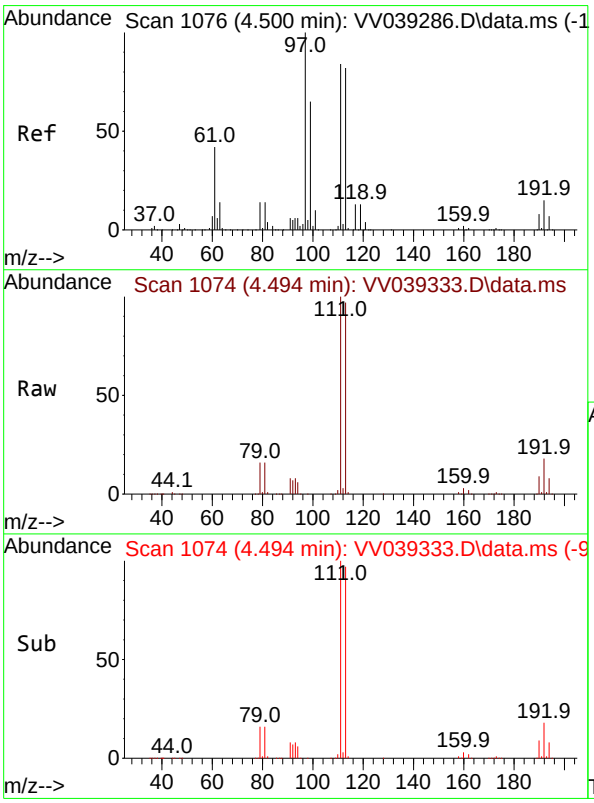
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Tgt Ion:114 Resp: 1744872

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.4	0.0	31.6

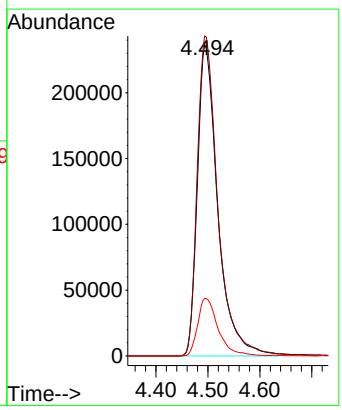


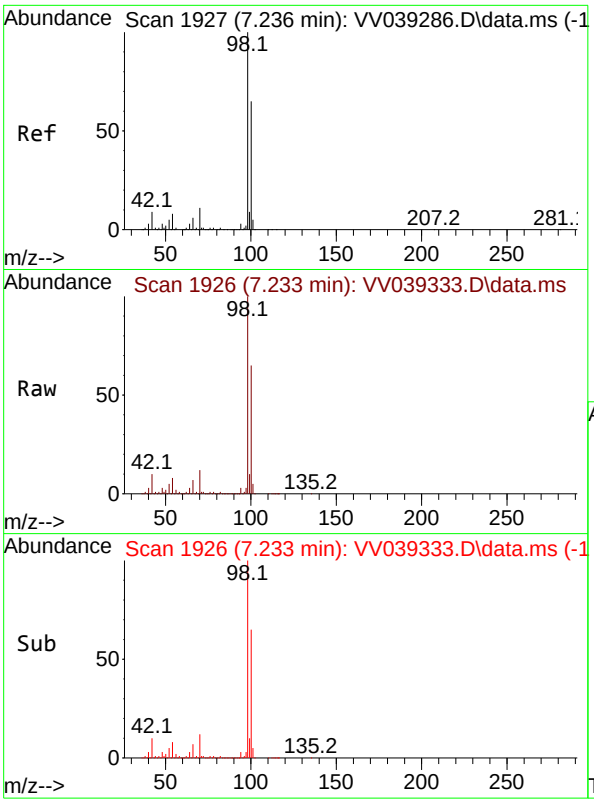


#35
Dibromofluoromethane
Concen: 47.023 ug/l
RT: 4.494 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Tgt Ion:113 Resp: 646489

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	18.6	14.3	21.5



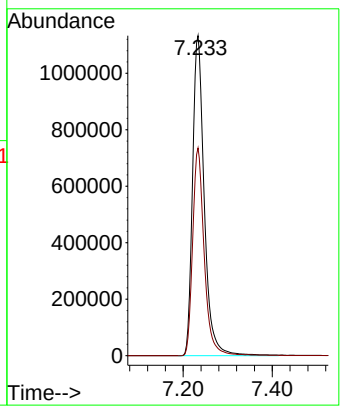


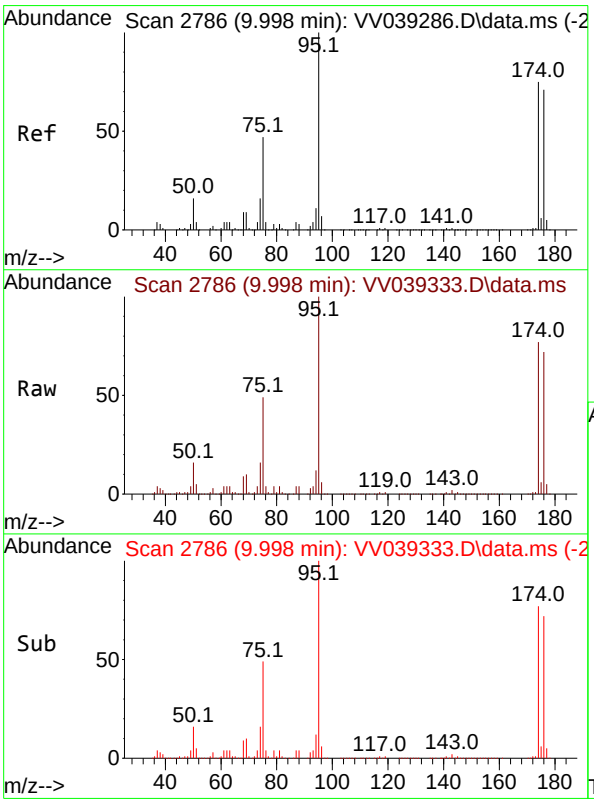
#50
Toluene-d8
Concen: 44.466 ug/l
RT: 7.233 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Tgt Ion: 98 Resp: 2079730

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2

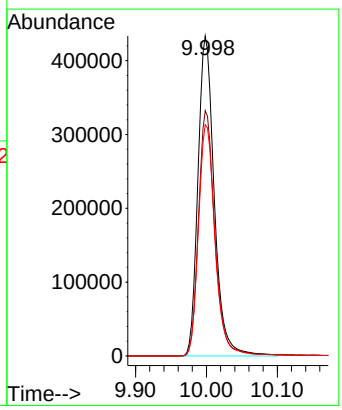


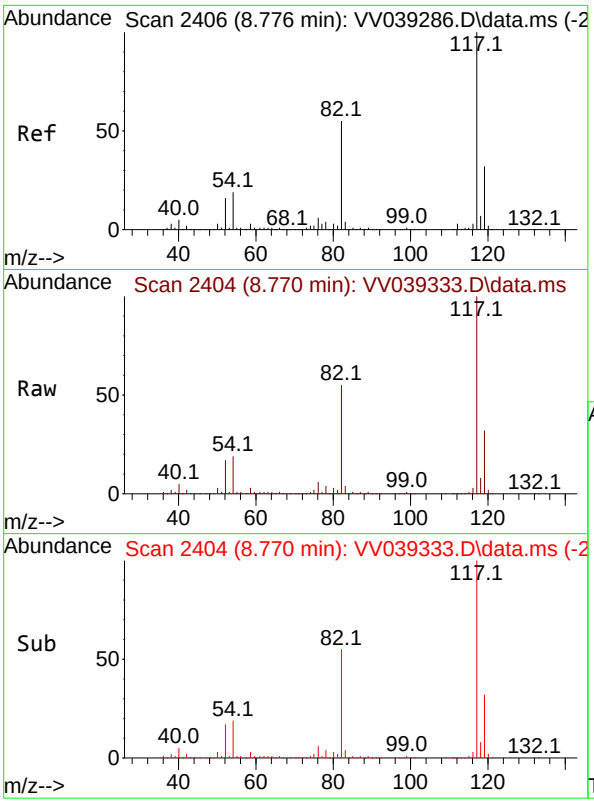


#62
4-Bromofluorobenzene
Concen: 41.691 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Tgt Ion: 95 Resp: 694449

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	153.6
176	73.6	0.0	146.0



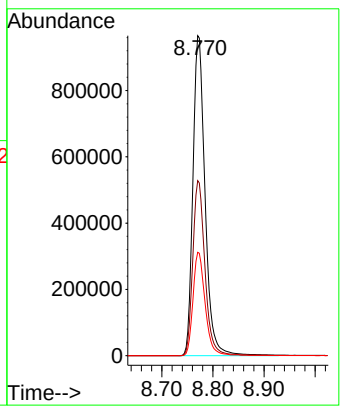


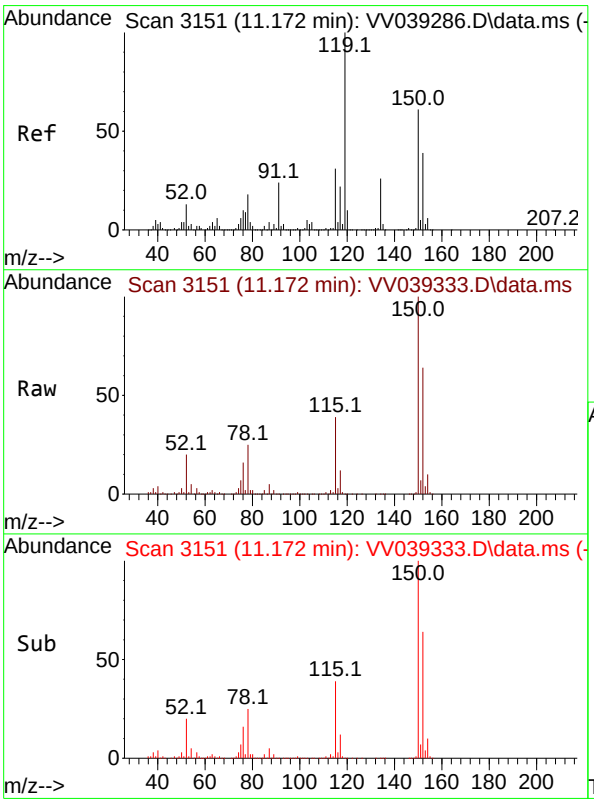
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.770 min Scan# 24
Delta R.T. -0.006 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Tgt Ion:117 Resp: 1594094

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.8
119	32.3	25.8	38.6

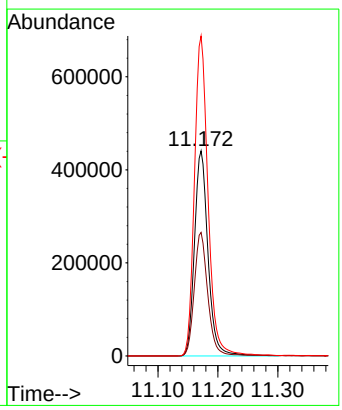




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039333.D
Acq: 05 Nov 2025 13:54

Tgt Ion:152 Resp: 693574

Ion	Ratio	Lower	Upper
152	100		
115	60.3	42.3	126.8
150	156.5	0.0	348.0



Sample Results: **VV039333.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.208	43	52	57	rBV	55022	93280	1.74%	0.327%
2	4.494	1057	1074	1093	rBV	766503	2021734	37.77%	7.088%
3	4.593	1093	1105	1143	rVB	1061253	2875311	53.72%	10.080%
4	4.934	1199	1211	1251	rBV	818159	2023254	37.80%	7.093%
5	5.526	1383	1395	1443	rBV	1778870	4048487	75.64%	14.193%
6	7.233	1914	1926	1958	rBV	2914285	5352326	100.00%	18.764%
7	8.770	2392	2404	2431	rBV	2810922	4666582	87.19%	16.360%
8	9.998	2775	2786	2821	rBV	2045792	3327664	62.17%	11.666%
9	11.172	3139	3151	3190	rBV	2585410	4115179	76.89%	14.427%

Sum of corrected areas: 28523817

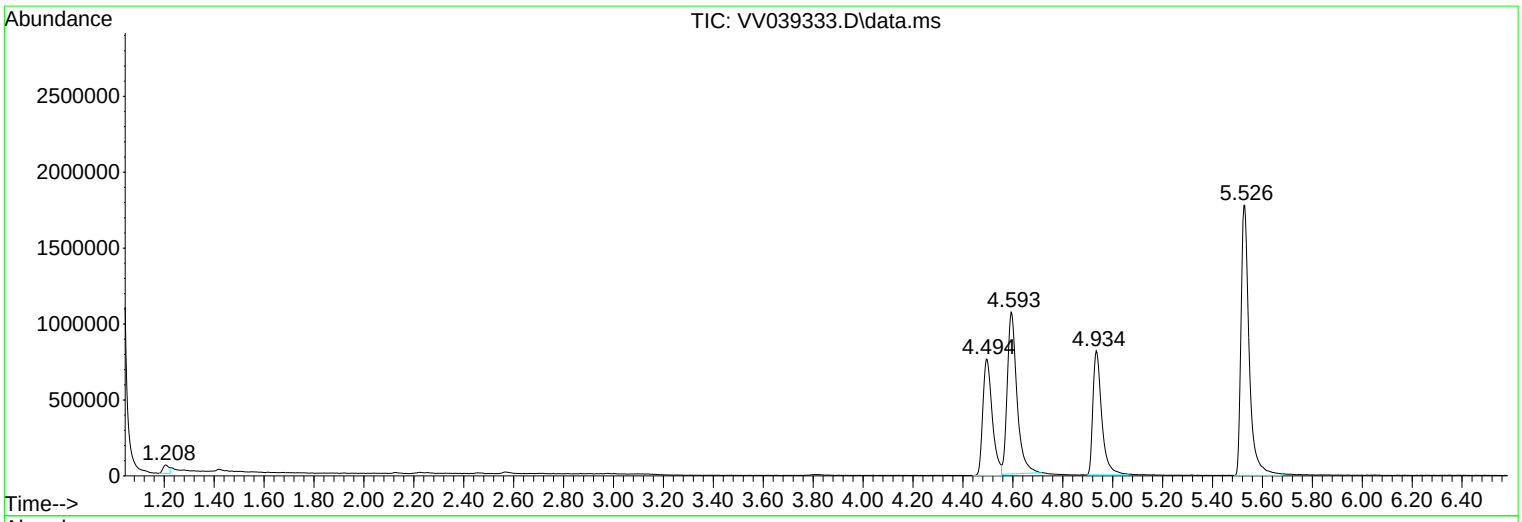
Sample Results: **VV039333.D**

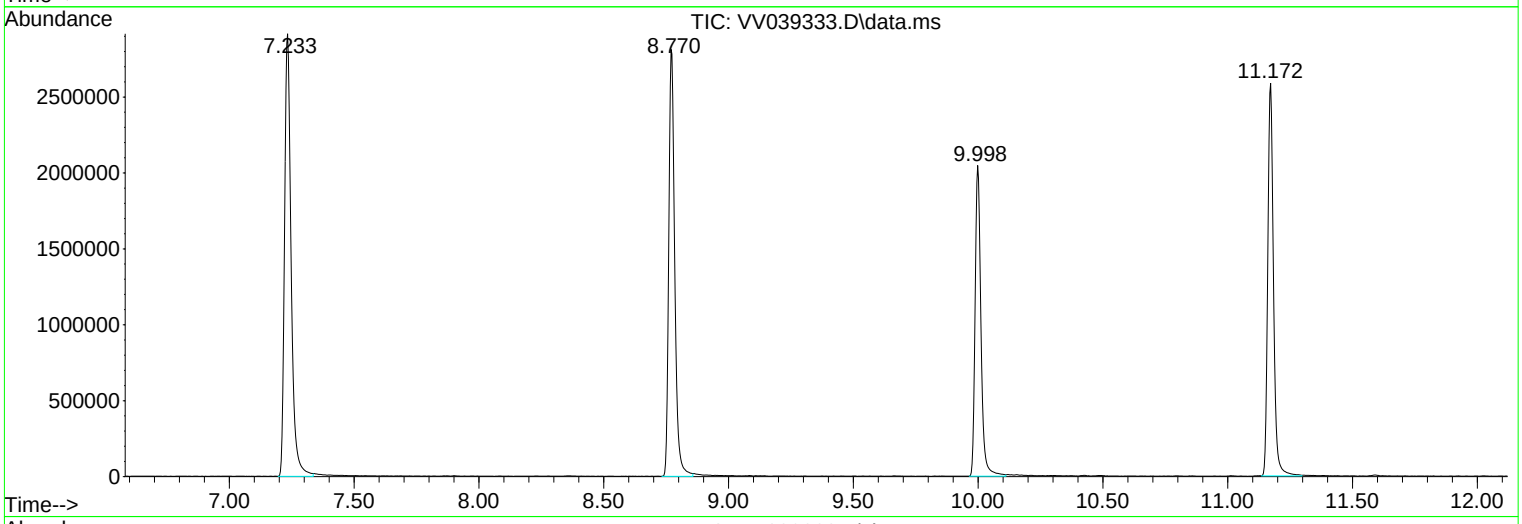
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

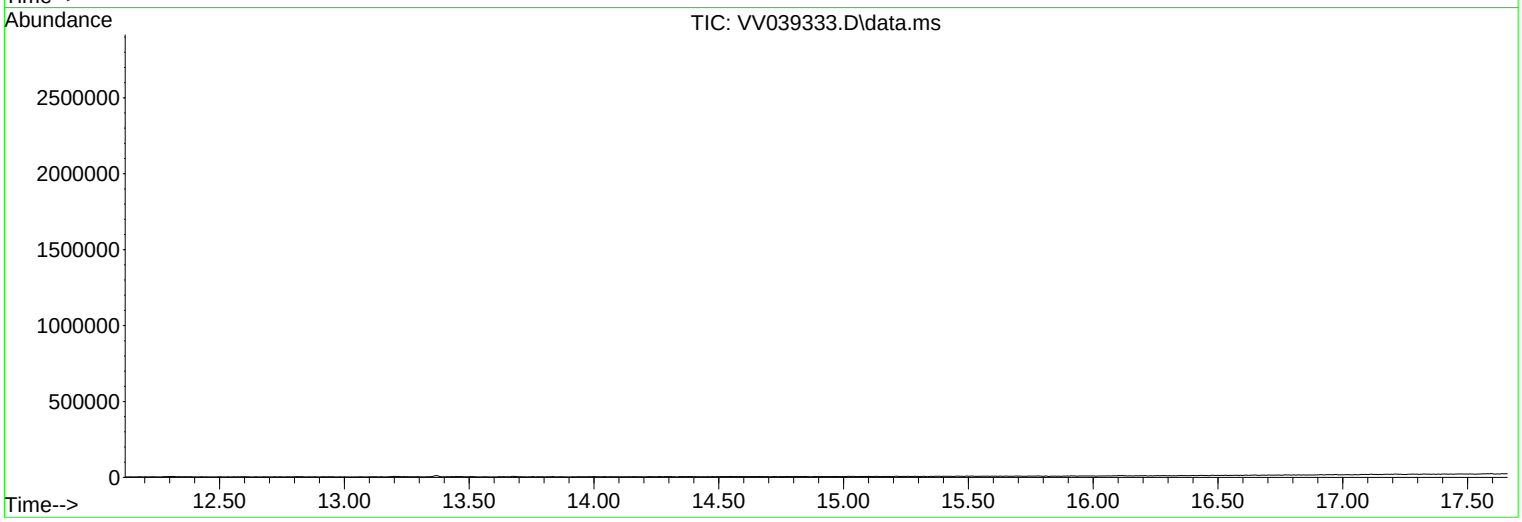
Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039333.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039333.D
Acq On : 05 Nov 2025 13:54
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Quant Time: Nov 05 00:41:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

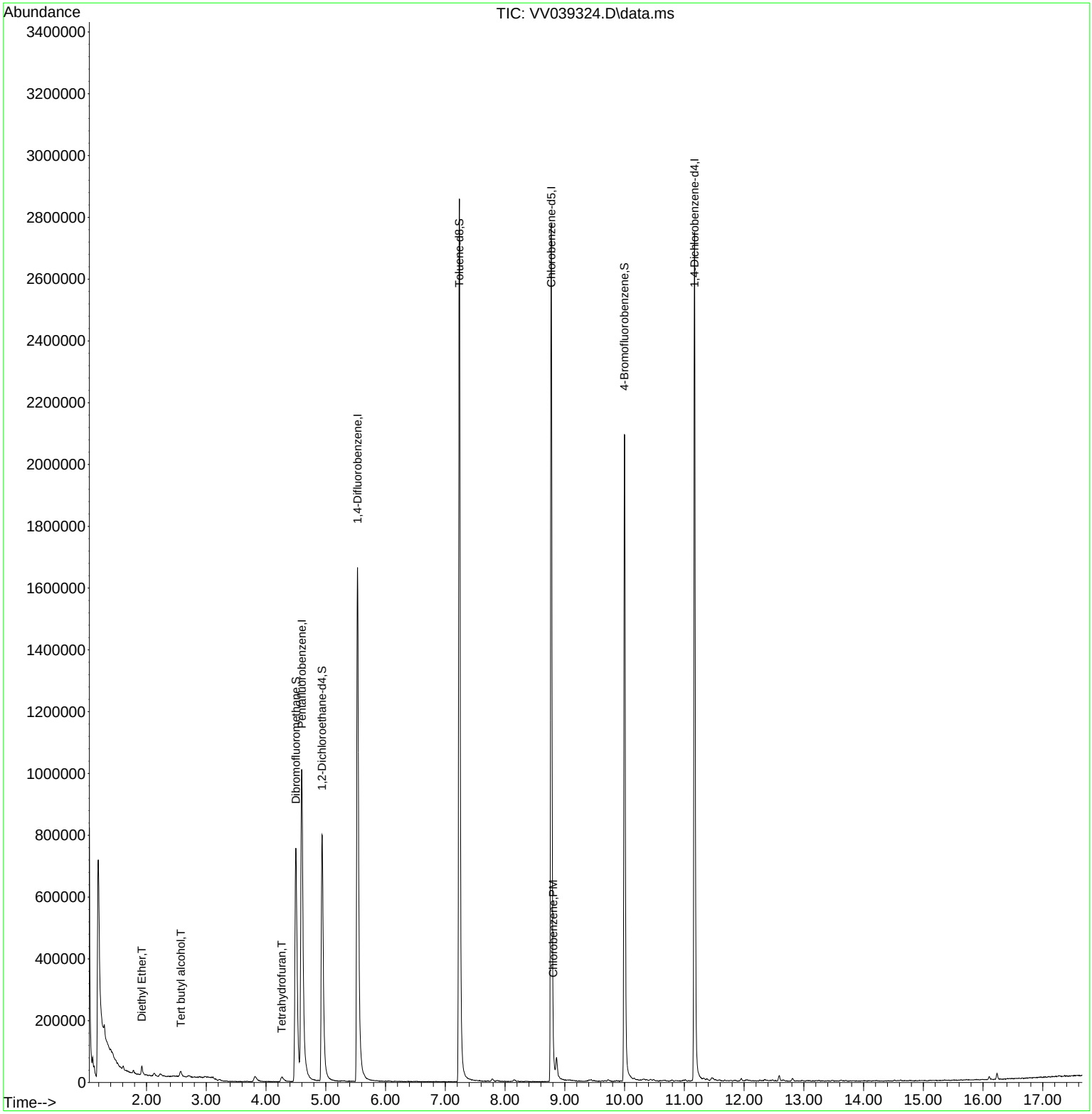
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	875532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1648833	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1570855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	731965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	714085	57.399	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.800%			
35) Dibromofluoromethane	4.500	113	633531	48.765	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.520%			
50) Toluene-d8	7.236	98	2040496	46.168	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.340%			
62) 4-Bromofluorobenzene	9.998	95	726818	46.176	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 92.360%			
Target Compounds						Qvalue
8) Diethyl Ether	1.921	74	11217	1.546	ug/l	96
11) Tert butyl alcohol	2.574	59	10906	4.523	ug/l #	75
29) Tetrahydrofuran	4.262	42	13566	2.789	ug/l #	60
65) Chlorobenzene	8.805	112	11439	0.308	ug/l	91

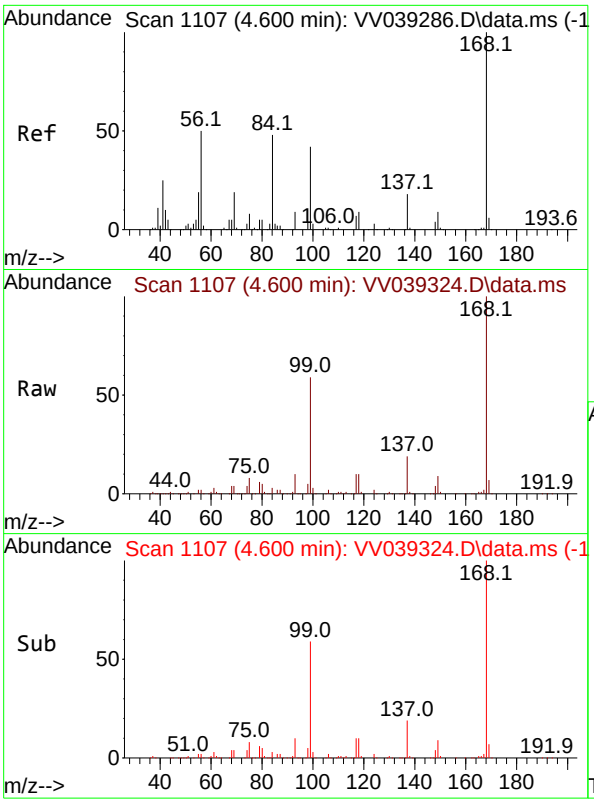
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Quant Time: Nov 05 00:41:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



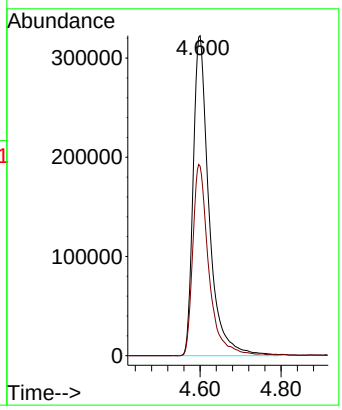


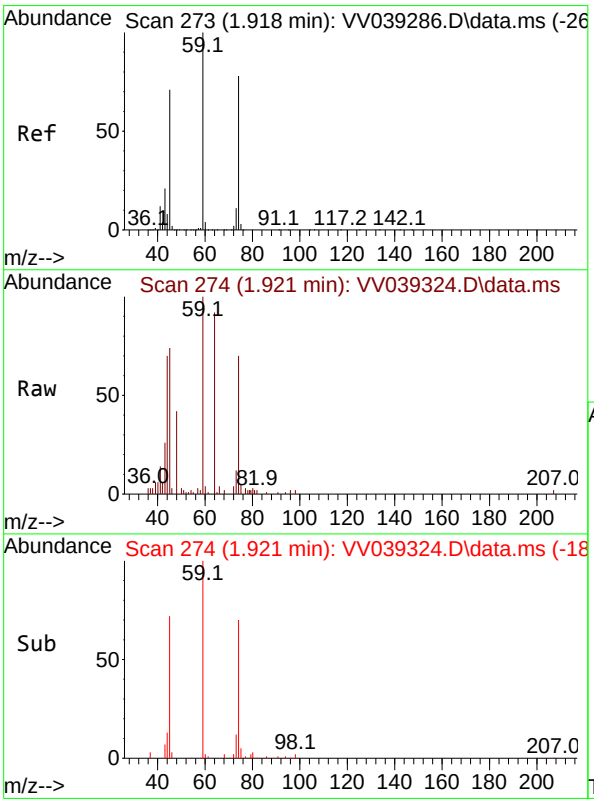
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion:168 Resp: 875532

Ion	Ratio	Lower	Upper
168	100		
99	59.2	46.6	70.0

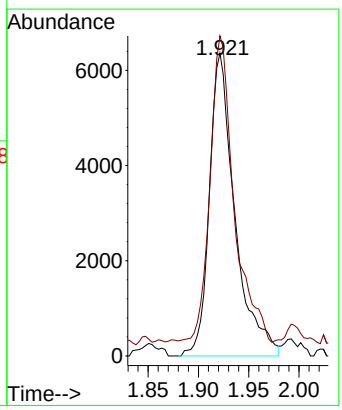


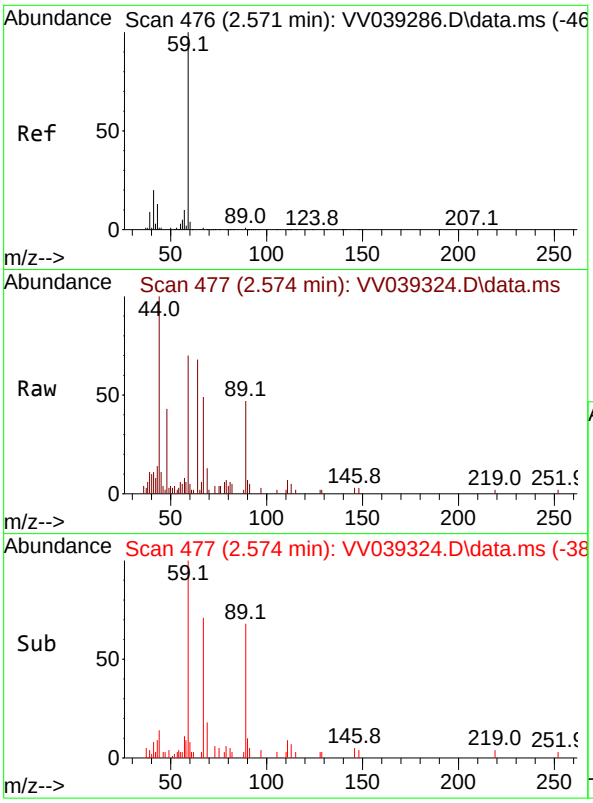


#8
Diethyl Ether
Concen: 1.546 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion: 74 Resp: 11217

Ion	Ratio	Lower	Upper
74	100		
45	95.2	45.9	137.7



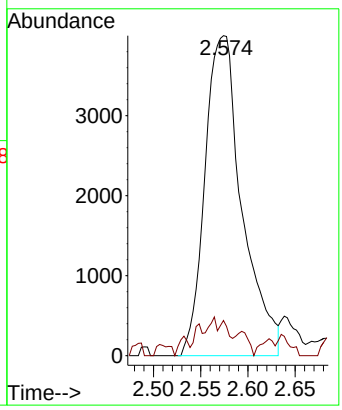


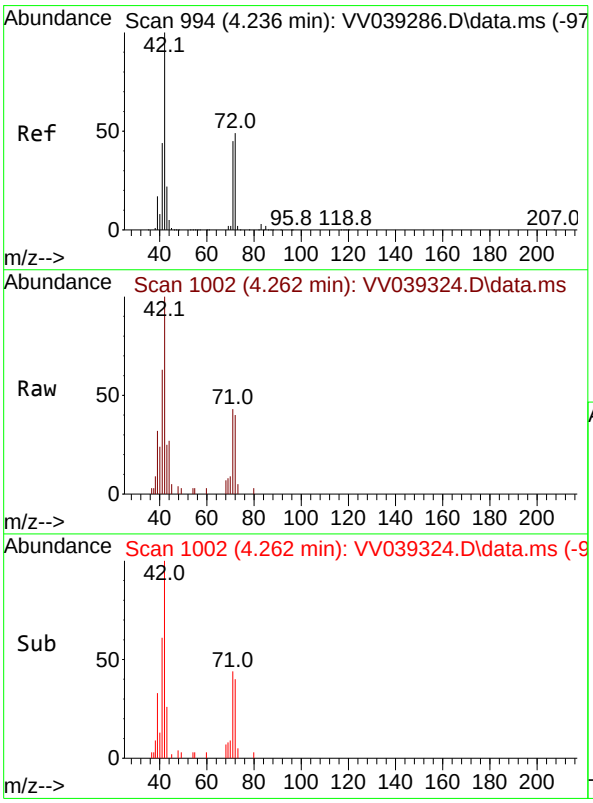
#11
Tert butyl alcohol
Concen: 4.523 ug/l
RT: 2.574 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion: 59 Resp: 10906

Ion	Ratio	Lower	Upper
59	100		
57	0.7	8.1	12.1#

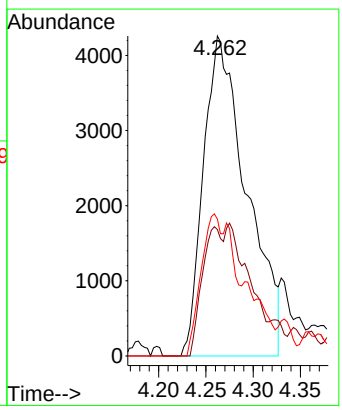


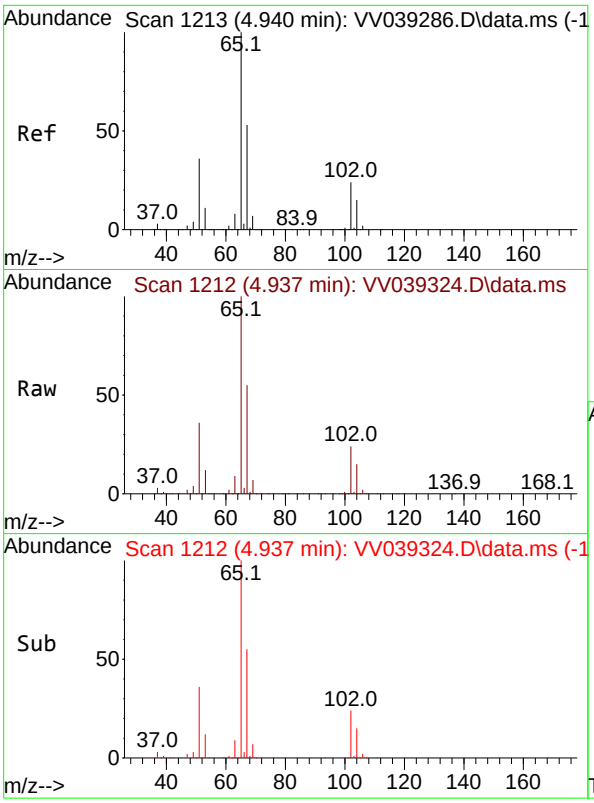


#29
Tetrahydrofuran
Concen: 2.789 ug/l
RT: 4.262 min Scan# 1002
Delta R.T. 0.026 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion: 42 Resp: 13566

Ion	Ratio	Lower	Upper
42	100		
72	19.4	39.8	59.8#
71	22.0	36.5	54.7#



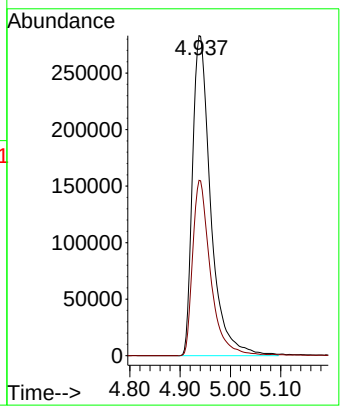


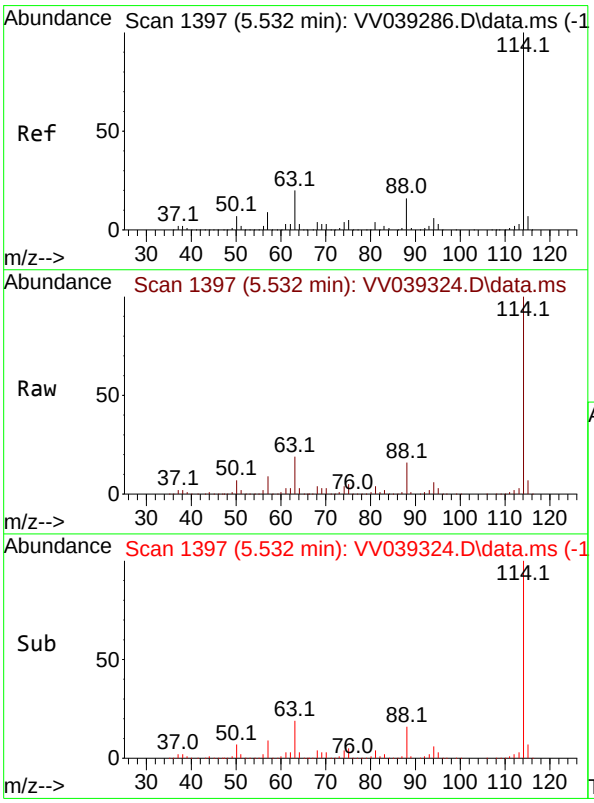
#33
1,2-Dichloroethane-d4
Concen: 57.399 ug/l
RT: 4.937 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion: 65 Resp: 714085

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4

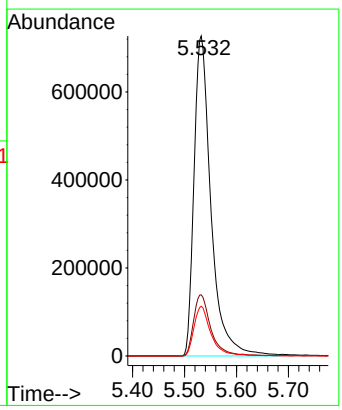


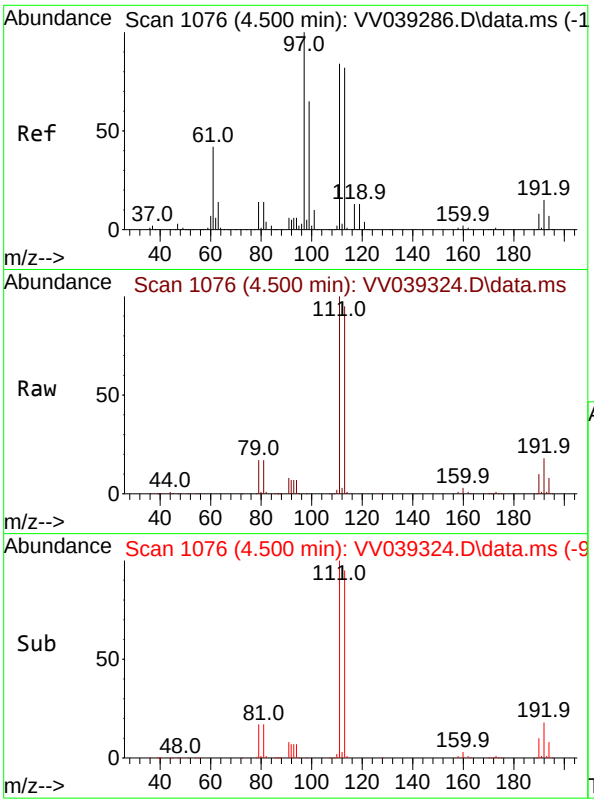


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion:114 Resp: 1648833

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.5	0.0	31.6



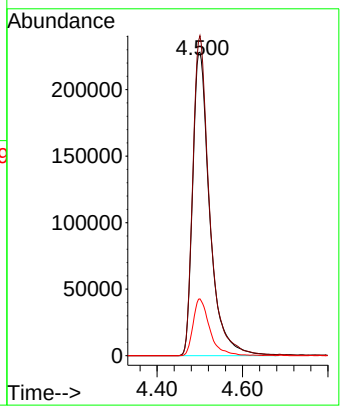


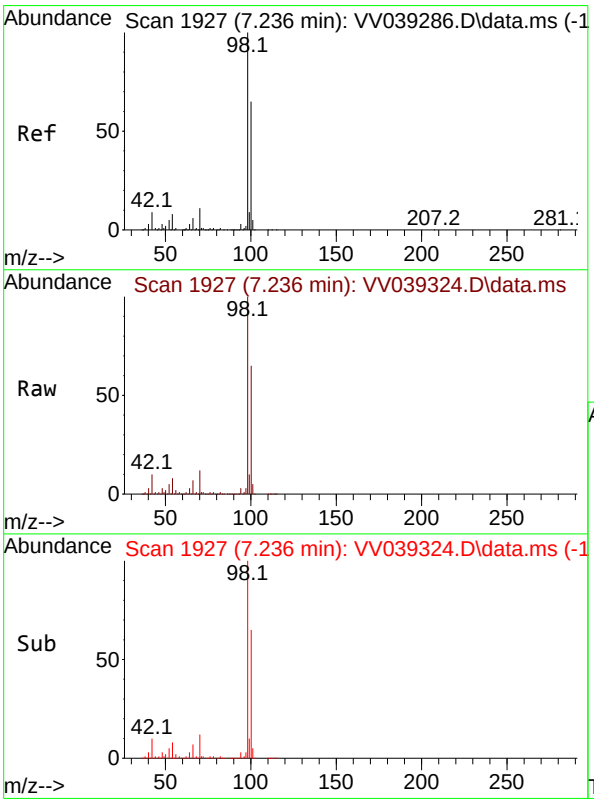
#35
Dibromofluoromethane
Concen: 48.765 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion:113 Resp: 633531

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	18.2	14.3	21.5

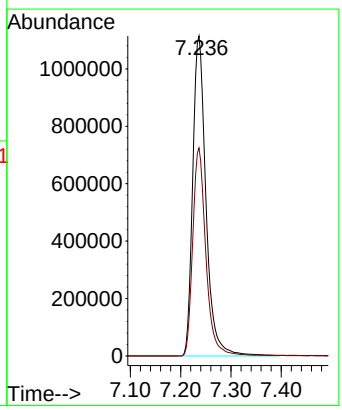


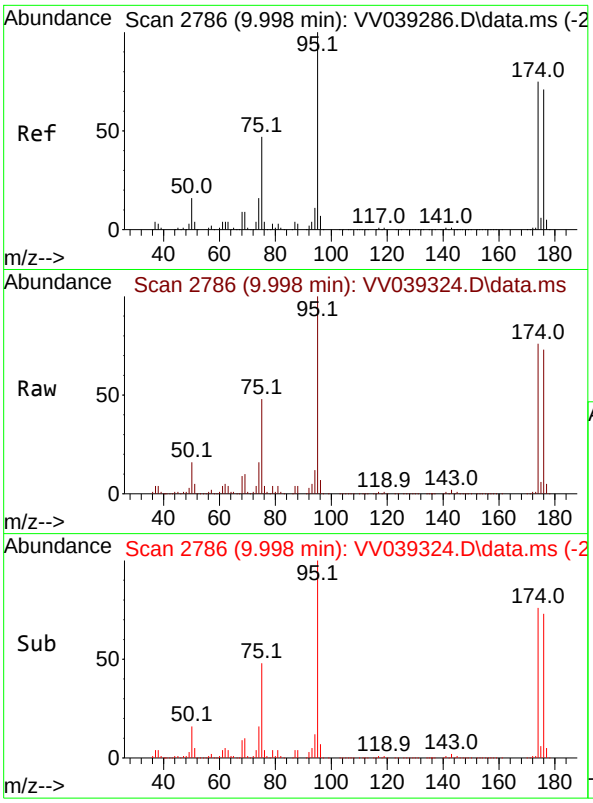


#50
Toluene-d8
Concen: 46.168 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion: 98 Resp: 2040496

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.8	79.2



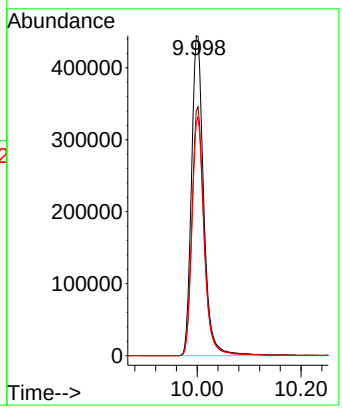


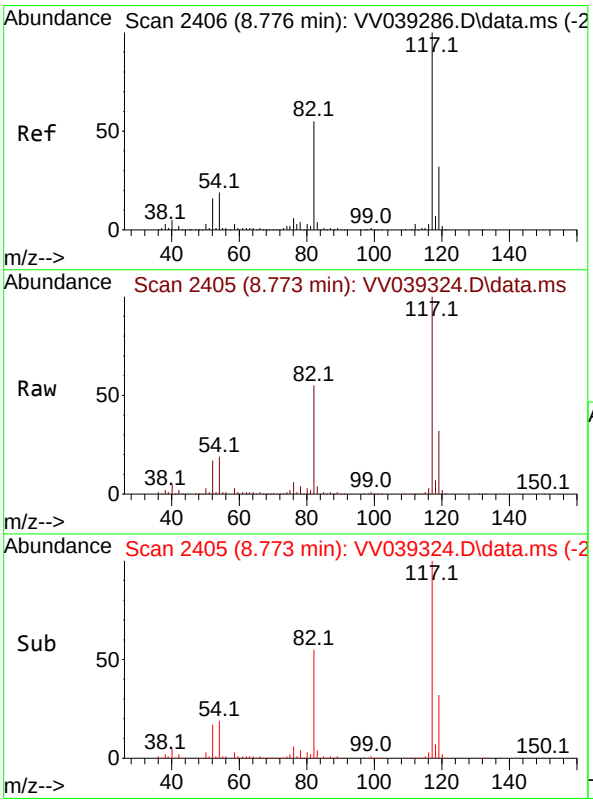
#62
4-Bromofluorobenzene
Concen: 46.176 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion: 95 Resp: 726818

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	153.6
176	73.3	0.0	146.0

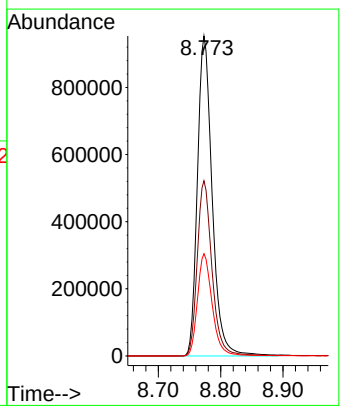


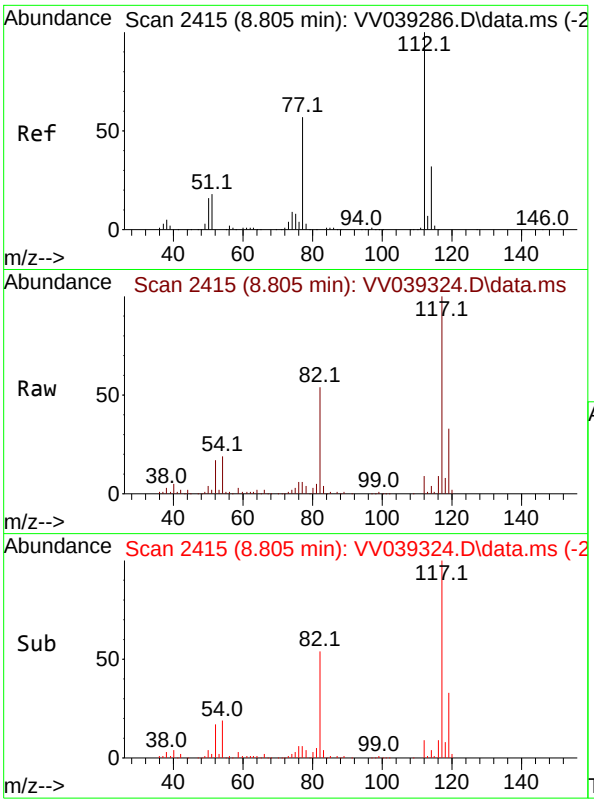


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion:117 Resp: 1570855

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	31.9	25.8	38.6



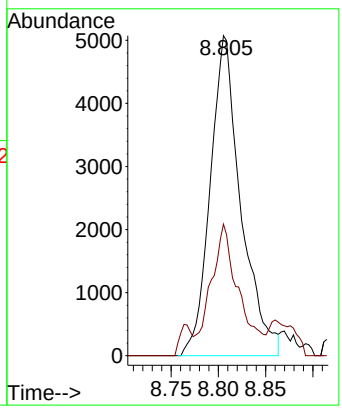


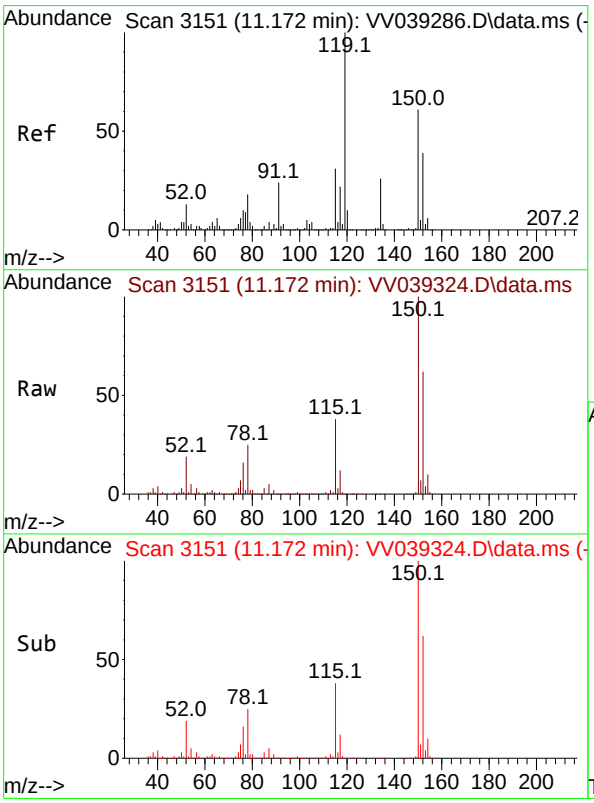
#65
Chlorobenzene
Concen: 0.308 ug/l
RT: 8.805 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Tgt Ion:112 Resp: 11439

Ion	Ratio	Lower	Upper
112	100		
114	37.1	25.7	38.5

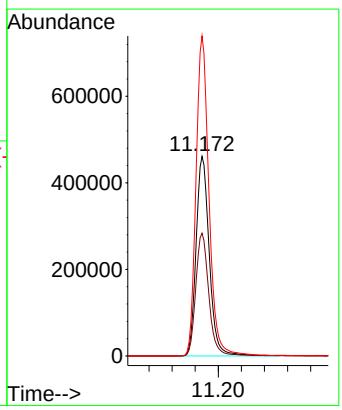




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039324.D
Acq: 04 Nov 2025 18:54

Tgt Ion:152 Resp: 731965

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.3	126.8
150	157.5	0.0	348.0



Sample Results: **VV039324.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.192	37	47	74	rBV	701154	2236420	42.31%	7.316%
2	4.500	1060	1076	1094	rBV	754963	1970350	37.28%	6.446%
3	4.597	1095	1106	1152	rVB	1002365	2741023	51.86%	8.967%
4	4.937	1200	1212	1248	rBV	796047	1984383	37.54%	6.492%
5	5.532	1384	1397	1444	rBV	1663208	3825176	72.37%	12.514%
6	7.236	1915	1927	1969	rBV	2857904	5285610	100.00%	17.291%
7	8.773	2394	2405	2425	rBV	2774263	4595738	86.95%	15.034%
8	8.860	2427	2432	2443	rVB3	61855	111949	2.12%	0.366%
9	9.998	2774	2786	2817	rBV	2092935	3459865	65.46%	11.318%
10	11.172	3139	3151	3187	rBV	2745914	4357833	82.45%	14.256%

Sum of corrected areas: 30568347

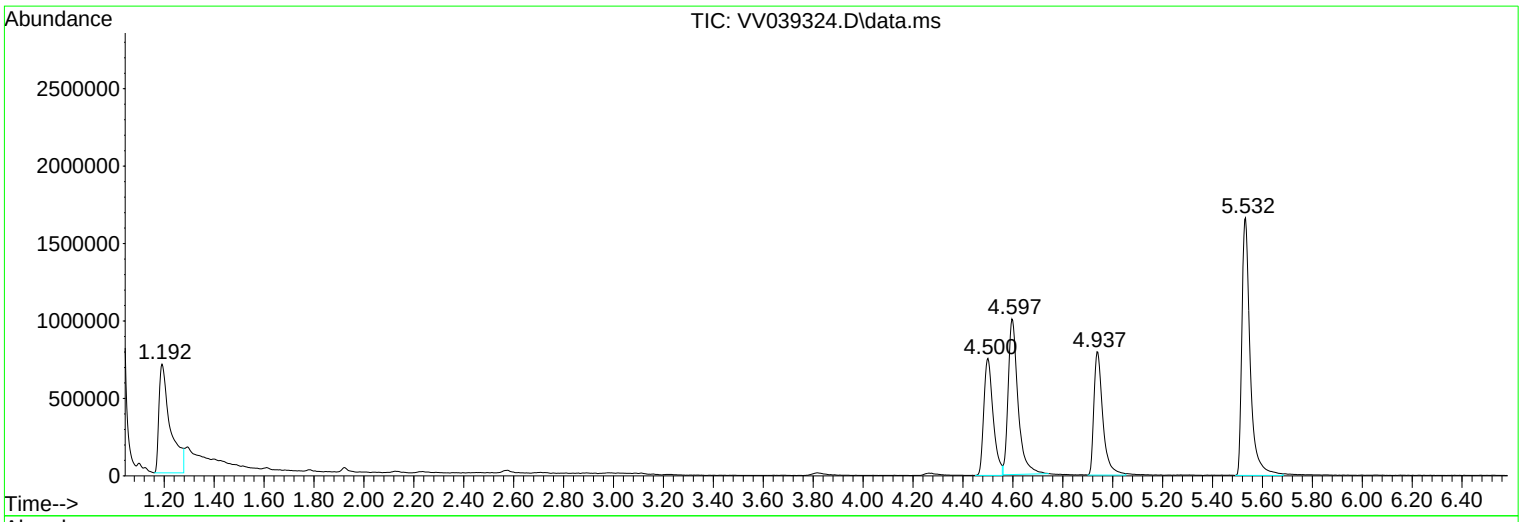
Sample Results: **VV039324.D**

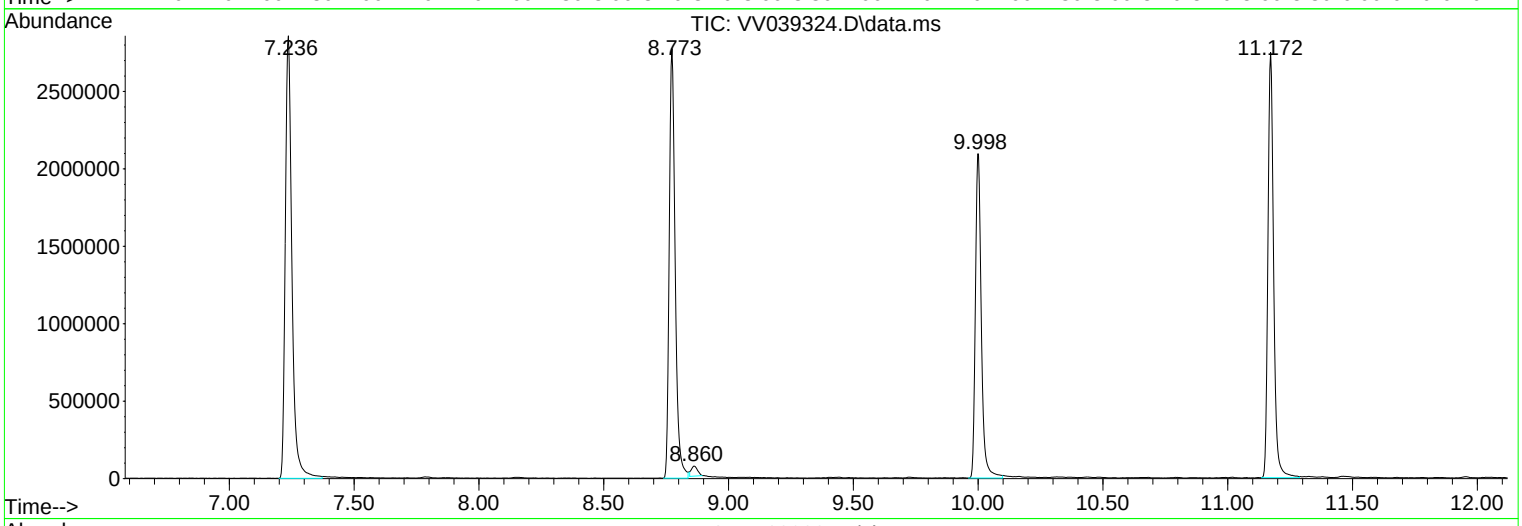
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

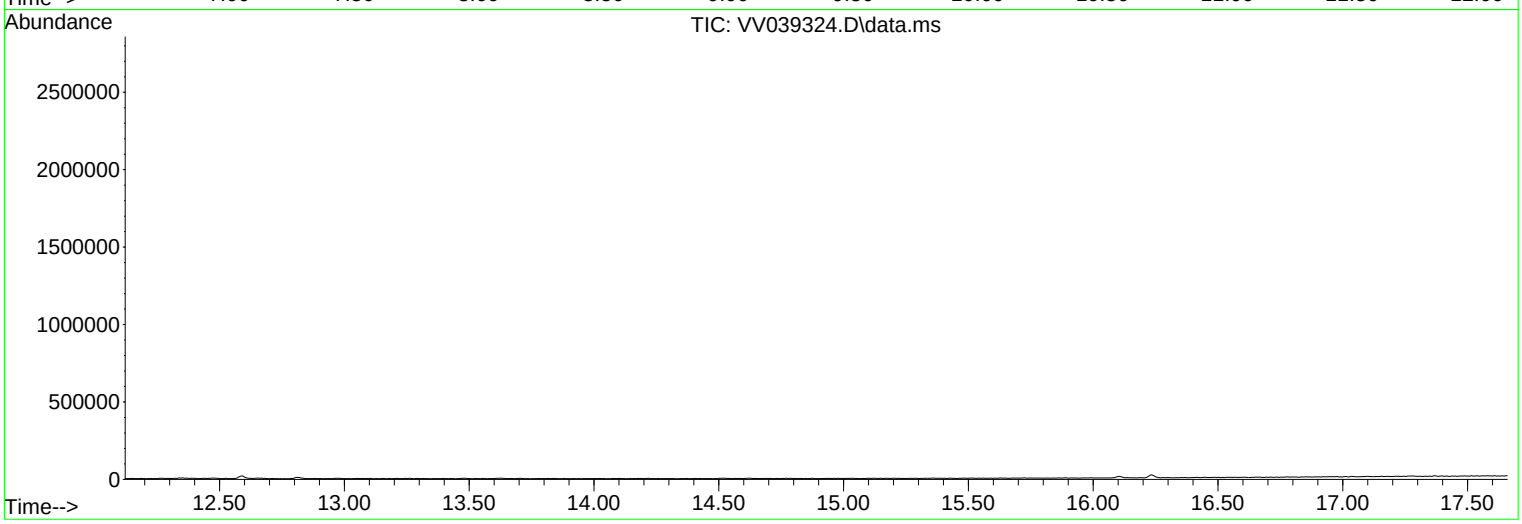
Instrument :
MSVOA_V
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039324.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039324.D
Acq On : 04 Nov 2025 18:54
Operator : SY/MD
Sample : Q3534-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 05 00:39:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	968590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1722471	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1684073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	851194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	731249	53.131	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 106.260%			
35) Dibromofluoromethane	4.500	113	660297	48.652	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.300%			
50) Toluene-d8	7.236	98	2350488	50.909	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	9.998	95	876742	53.319	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.640%			
Target Compounds						Qvalue
8) Diethyl Ether	1.918	74	374782	46.688	ug/l	100
11) Tert butyl alcohol	2.568	59	23276	8.727	ug/l	96
22) Diisopropyl ether	3.217	45	421610	11.342	ug/l #	34
29) Tetrahydrofuran	4.243	42	132147	24.555	ug/l	93
40) Benzene	5.014	78	262333	4.796	ug/l	97
65) Chlorobenzene	8.802	112	1309181	32.838	ug/l	99
68) m/p-Xylenes	9.082	106	6616	0.284	ug/l	89
69) o-Xylene	9.474	106	18747	0.911	ug/l	97
73) Isopropylbenzene	9.857	105	2508811	48.537	ug/l	100
78) n-propylbenzene	10.275	91	3093598	49.326	ug/l	100
79) 2-Chlorotoluene	10.349	91	149113	3.851	ug/l	91
82) 4-Chlorotoluene	10.474	91	28016m	0.629	ug/l	
83) tert-Butylbenzene	10.789	119	11392	0.265	ug/l	92
85) sec-Butylbenzene	11.014	105	95341	1.752	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	121605	3.834	ug/l	93
89) n-Butylbenzene	11.580	91	83827	1.924	ug/l	87
91) 1,2-Dichlorobenzene	11.574	146	12267	0.455	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

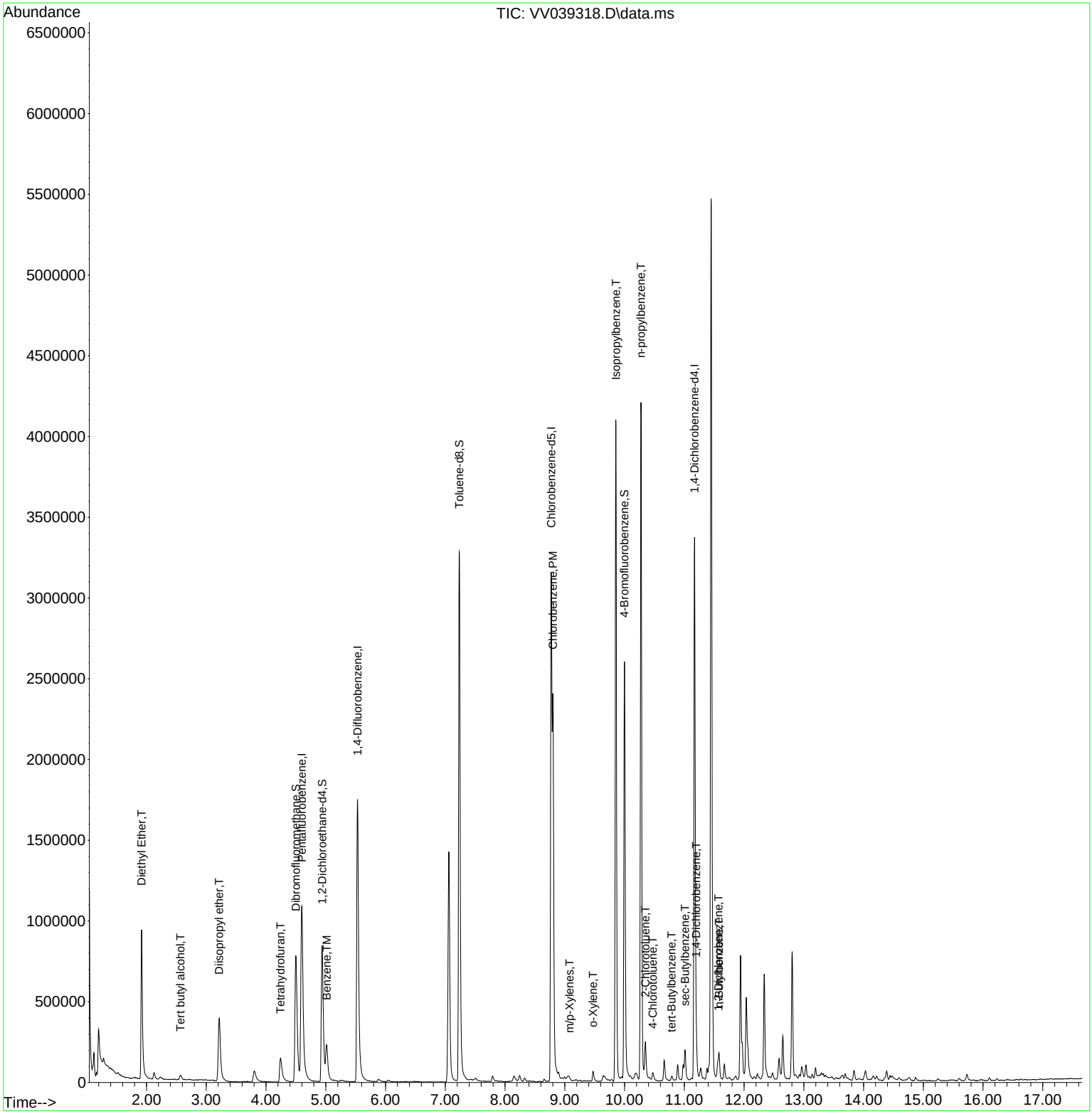
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

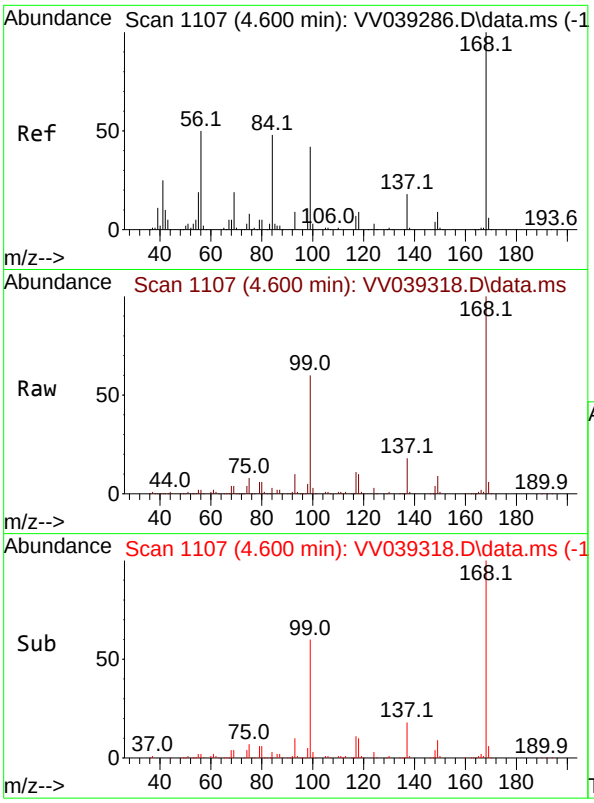
Quant Time: Nov 05 00:39:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

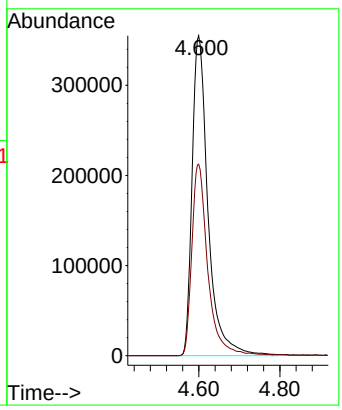




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:168 Resp: 96859

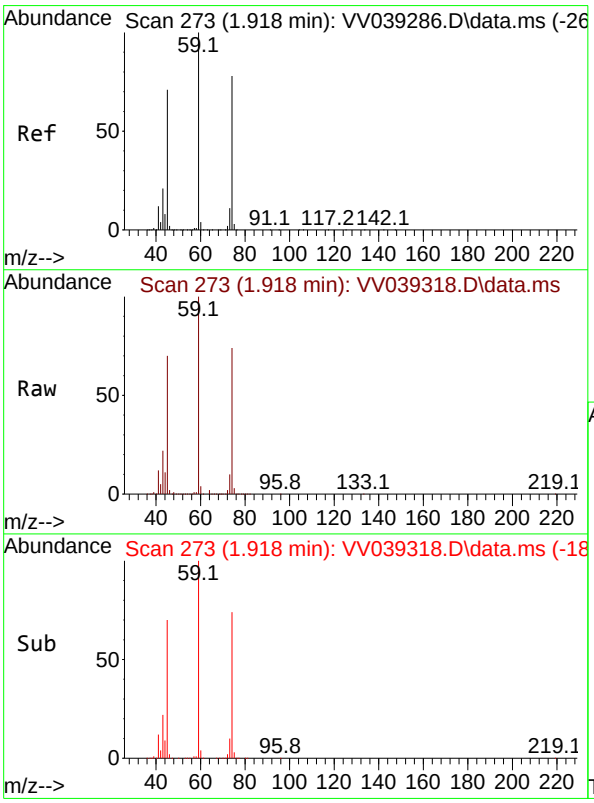
Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.6	70.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

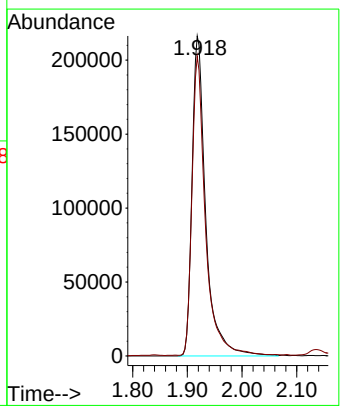
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

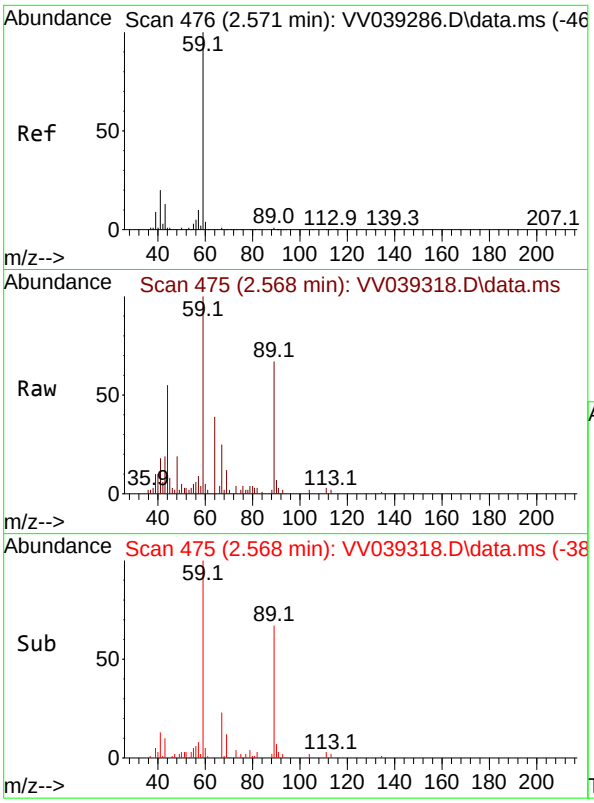


#8
Diethyl Ether
Concen: 46.688 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 74 Resp: 374782

Ion	Ratio	Lower	Upper
74	100		
45	92.3	45.9	137.7

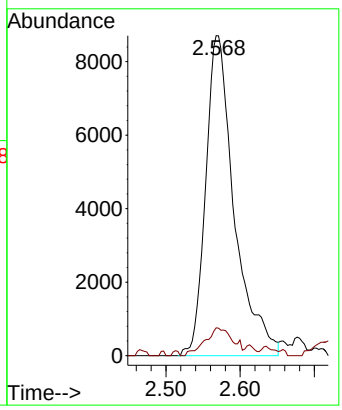




#11
Tert butyl alcohol
Concen: 8.727 ug/l
RT: 2.568 min Scan# 4
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 59 Resp: 2327

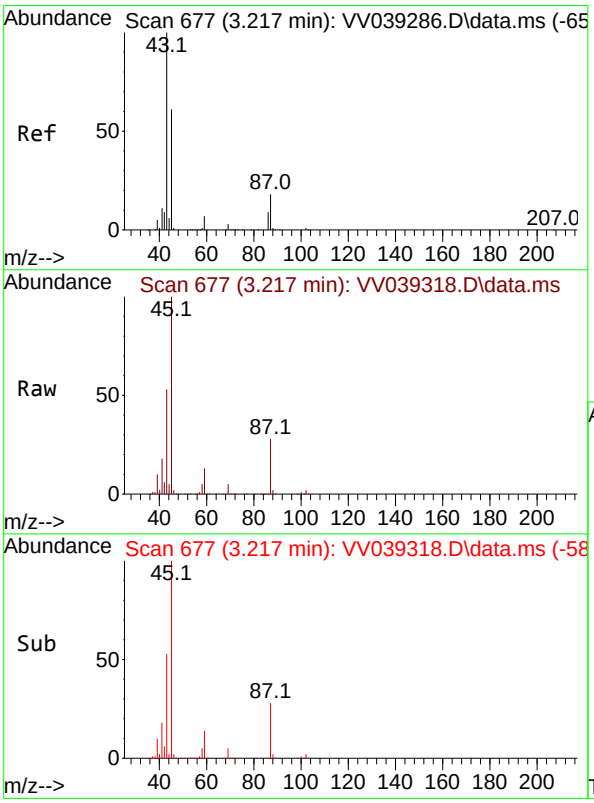
Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.1	12.1



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

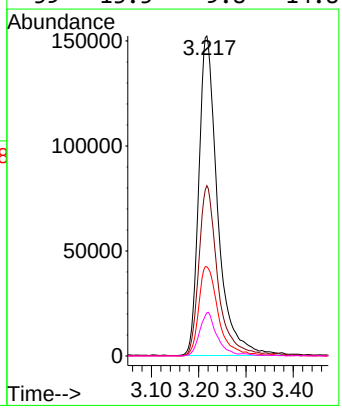
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

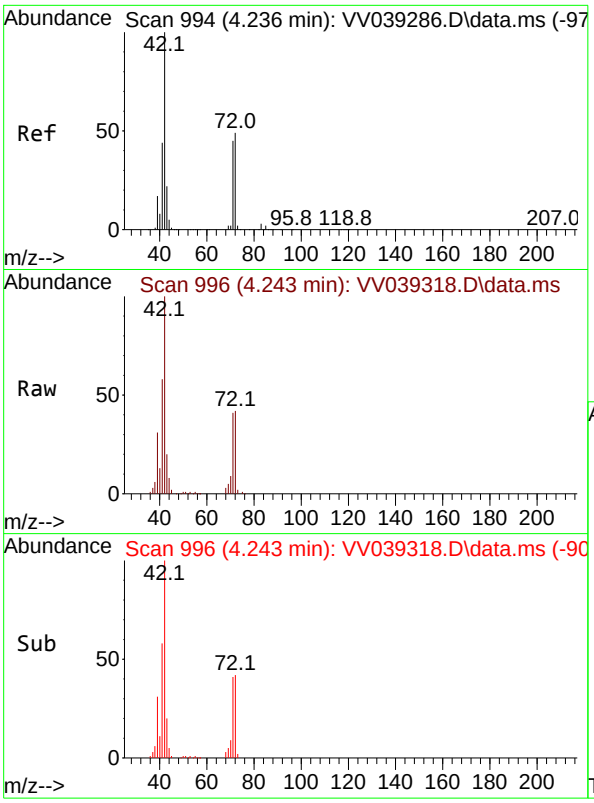


#22
Diisopropyl ether
Concen: 11.342 ug/l
RT: 3.217 min Scan# 677
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 45 Resp: 421610

Ion	Ratio	Lower	Upper
45	100		
43	53.2	130.8	196.2#
87	28.0	23.8	35.8
59	13.5	9.8	14.8





#29
Tetrahydrofuran
Concen: 24.555 ug/l
RT: 4.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

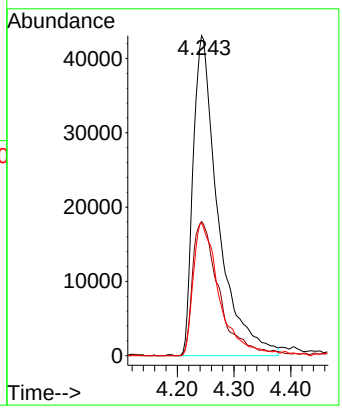
Tgt Ion: 42 Resp: 13214

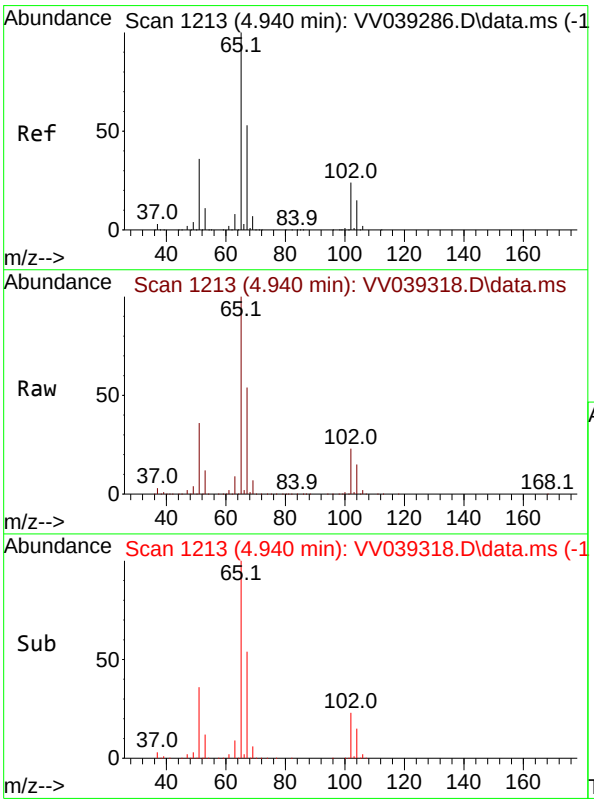
Ion	Ratio	Lower	Upper
42	100		
72	43.5	39.8	59.8
71	42.9	36.5	54.7

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

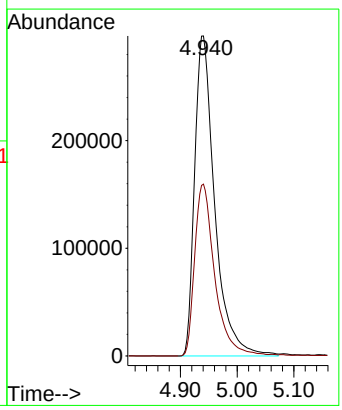


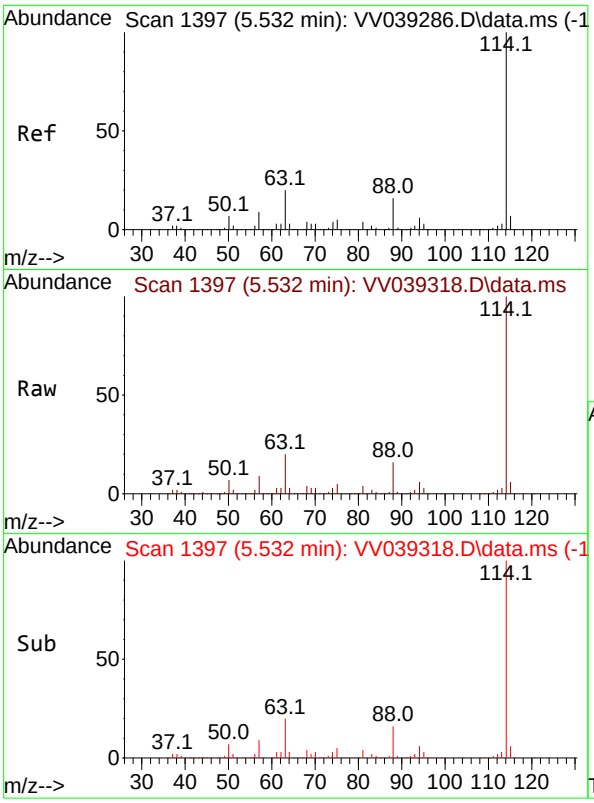


#33
1,2-Dichloroethane-d4
Concen: 53.131 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 65 Resp: 731249

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

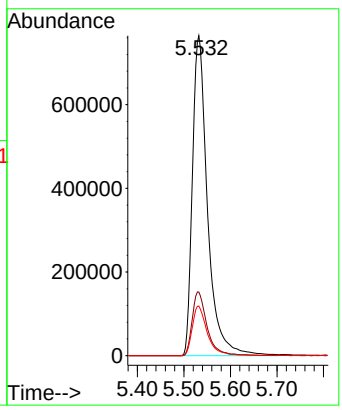
Tgt Ion:114 Resp: 172247

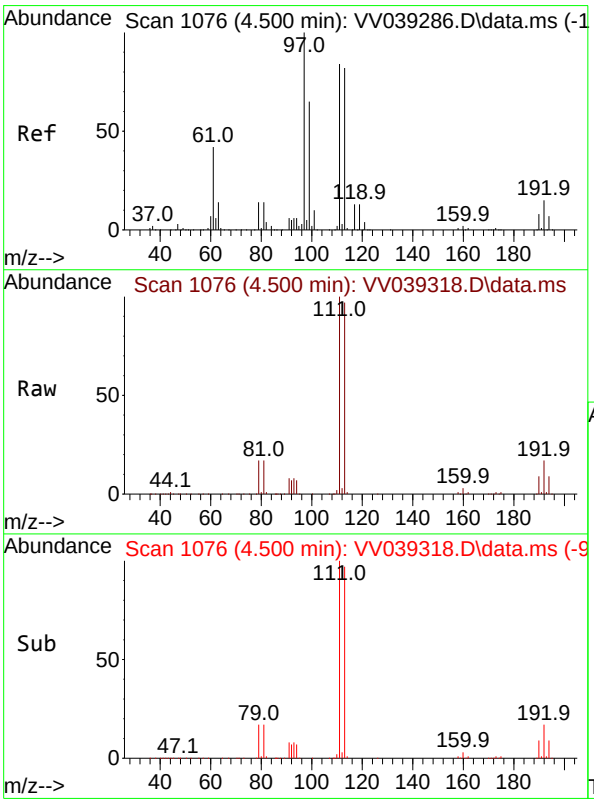
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.5	0.0	31.6

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

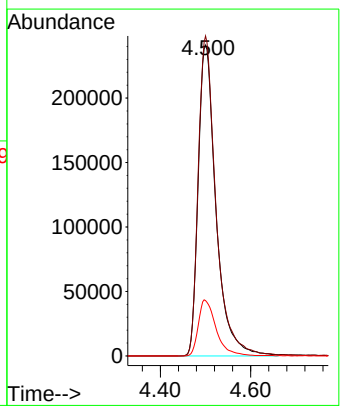


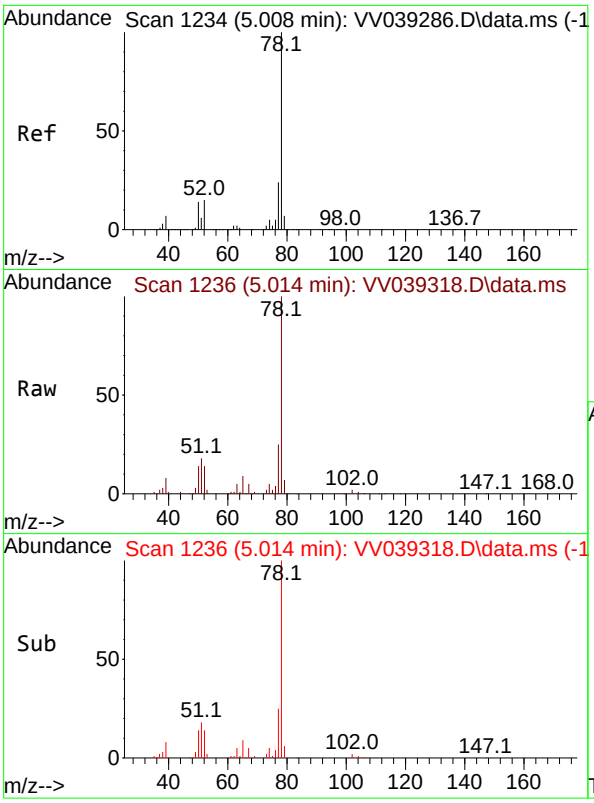


#35
Dibromofluoromethane
Concen: 48.652 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:113 Resp: 660297

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	18.0	14.3	21.5

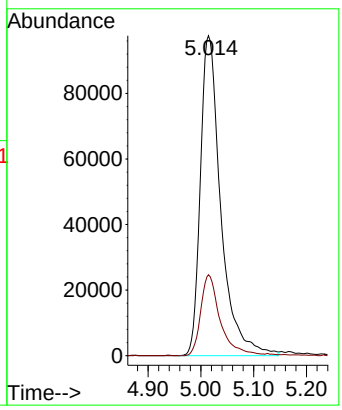




#40
Benzene
Concen: 4.796 ug/l
RT: 5.014 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 78 Resp: 26233

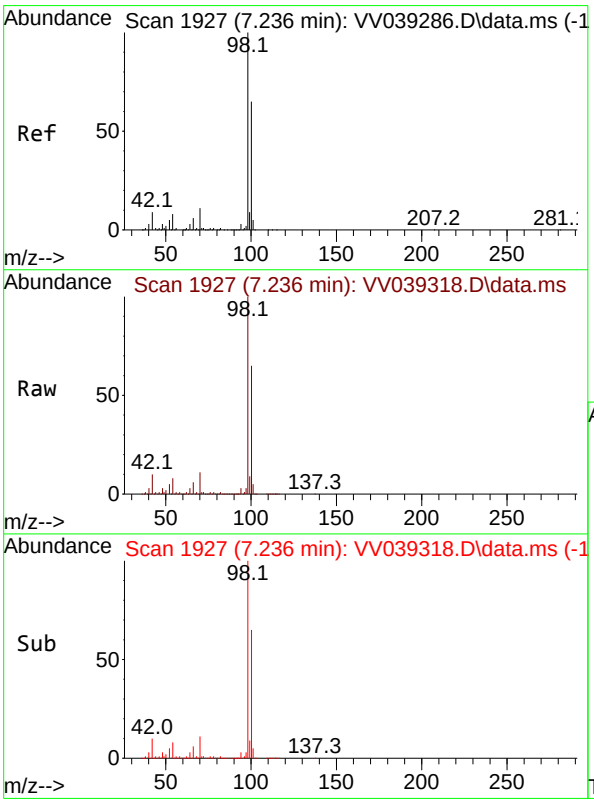
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.9	28.3



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

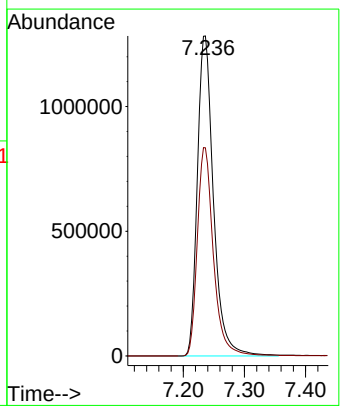
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

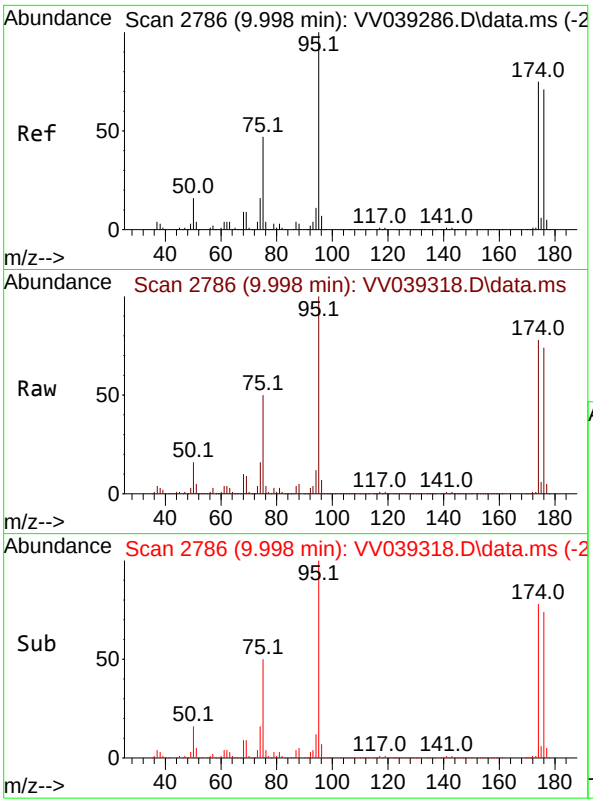


#50
Toluene-d8
Concen: 50.909 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 98 Resp: 2350488

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.8	79.2

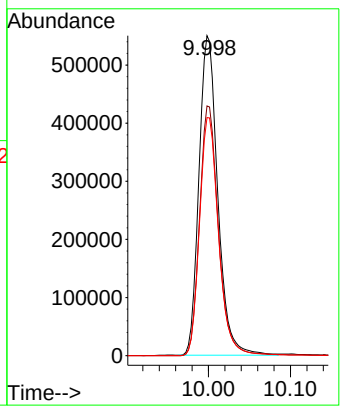




#62
4-Bromofluorobenzene
Concen: 53.319 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 95 Resp: 87674

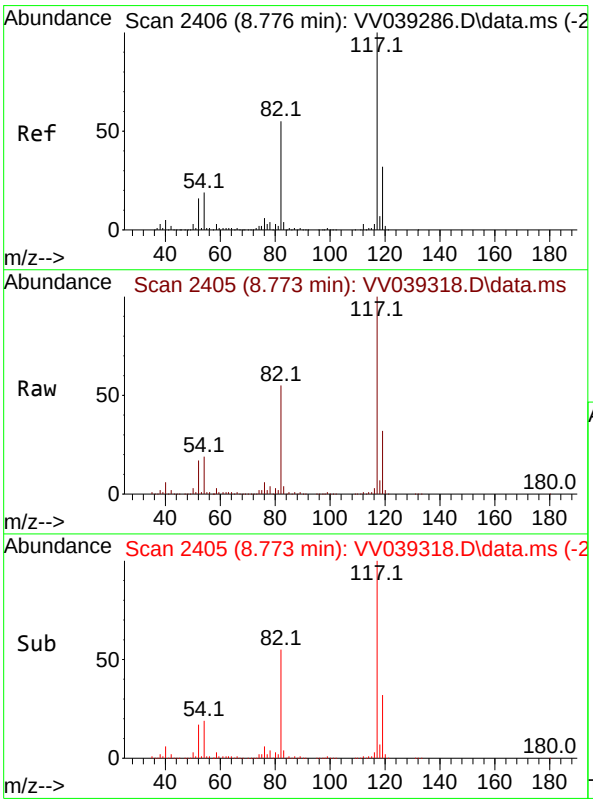
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	153.6
176	75.5	0.0	146.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

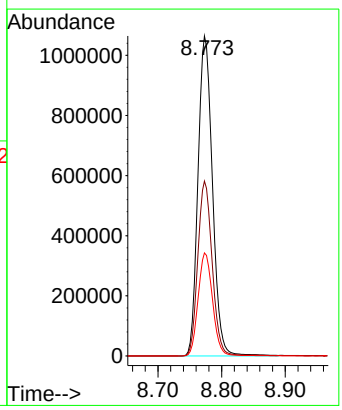
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

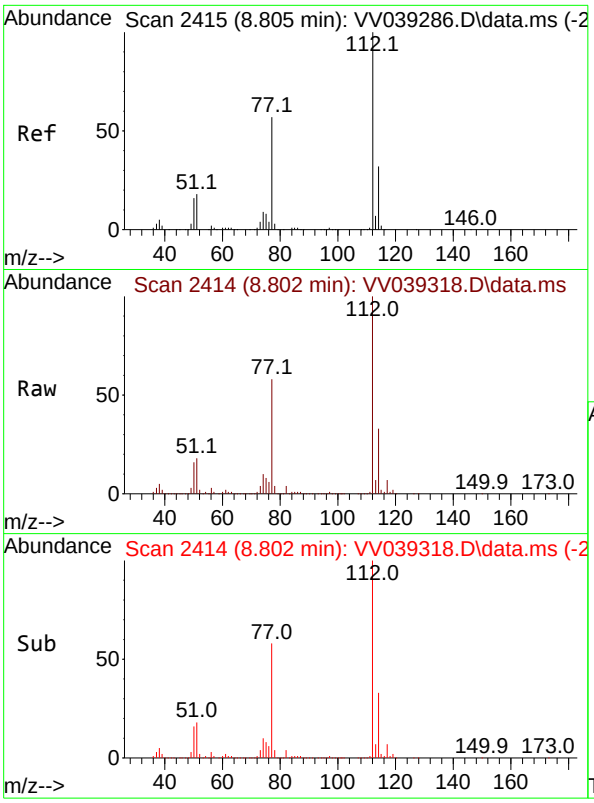


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:117 Resp: 1684073

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.8
119	32.2	25.8	38.6

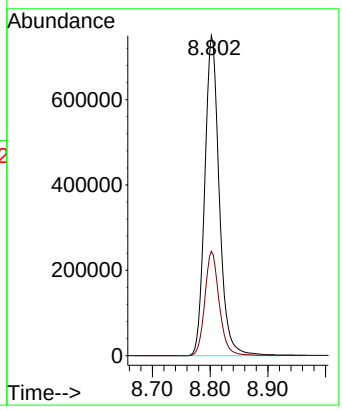




#65
Chlorobenzene
Concen: 32.838 ug/l
RT: 8.802 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:112 Resp: 130918

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.7	38.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
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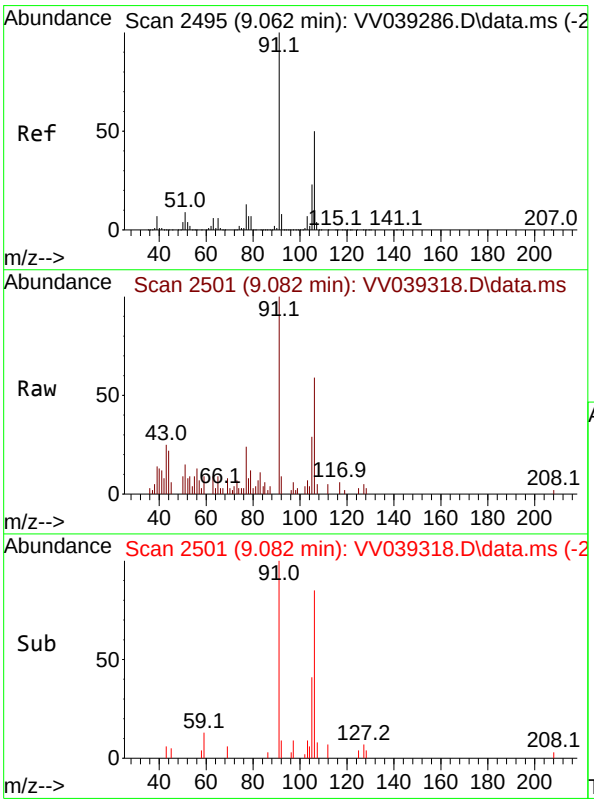
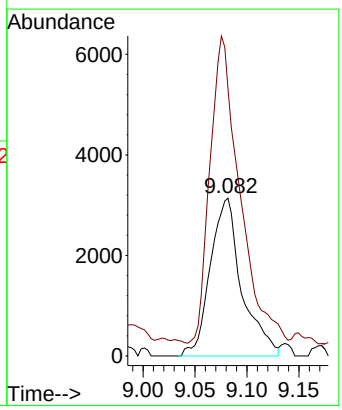
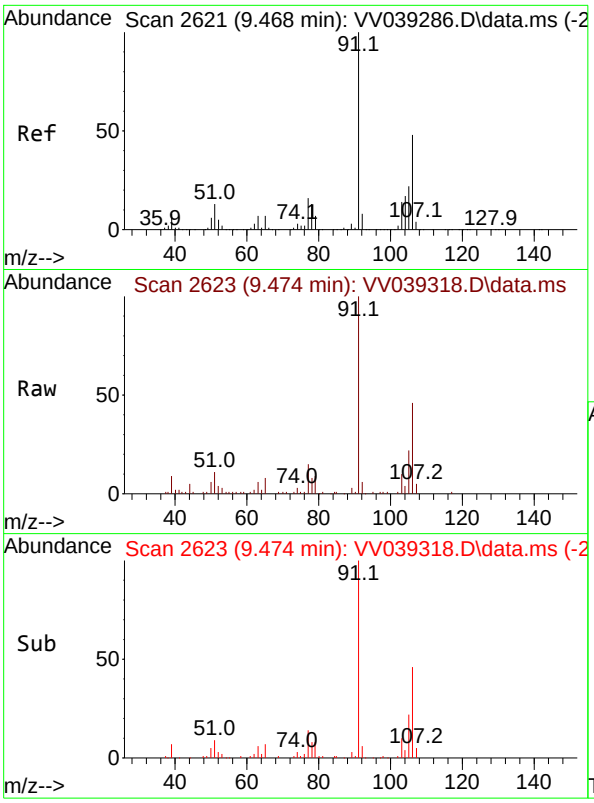


#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:106 Resp: 6616

Ion	Ratio	Lower	Upper
106	100		
91	183.9	160.2	240.2





#69
o-Xylene
Concen: 0.911 ug/l
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:106 Resp: 1874

Ion	Ratio	Lower	Upper
106	100		
91	216.0	105.8	317.3

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
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Reviewed By :Amit Patel 11/05/2025
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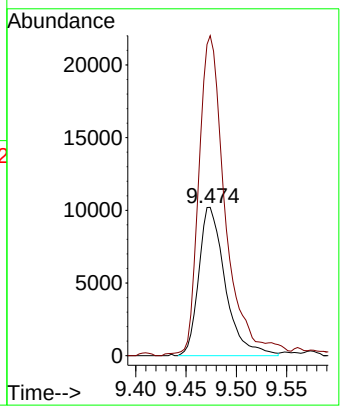
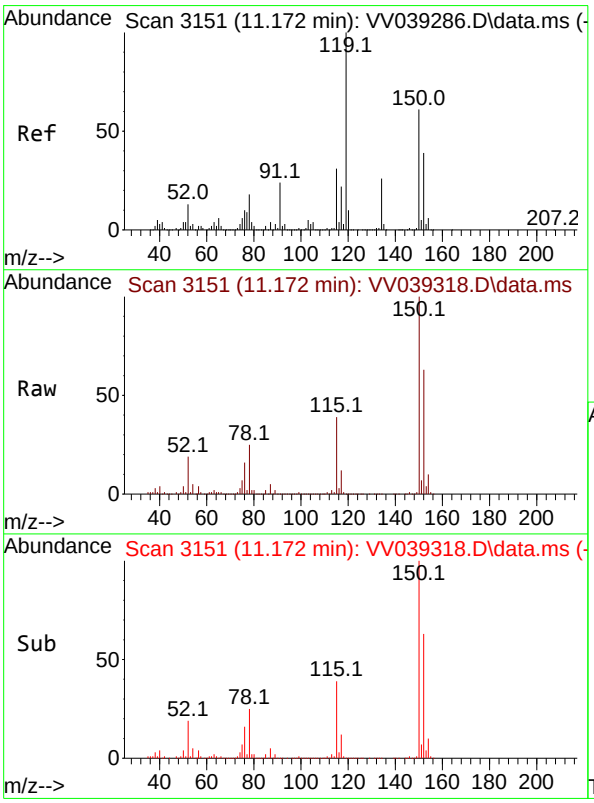
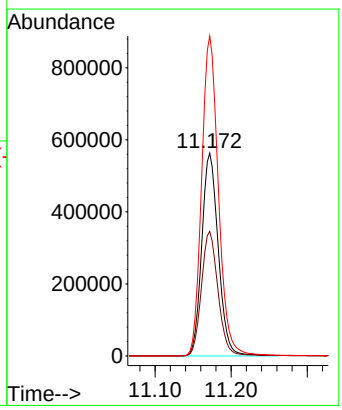


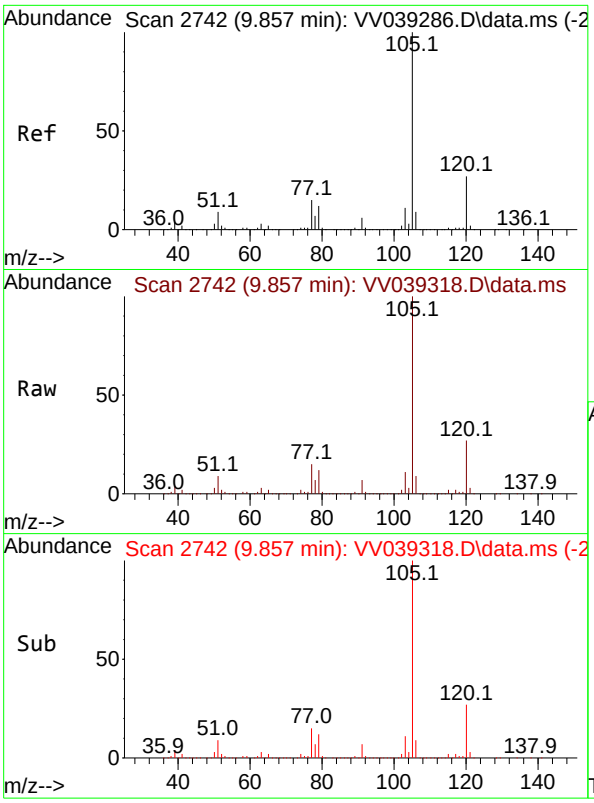


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:152 Resp: 851194

Ion	Ratio	Lower	Upper
152	100		
115	61.4	42.3	126.8
150	159.9	0.0	348.0

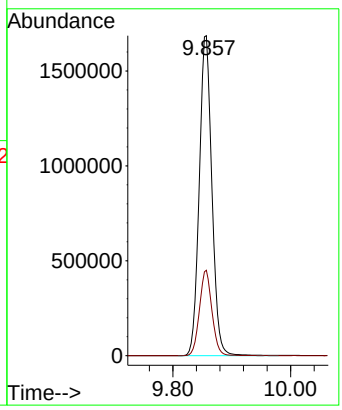




#73
Isopropylbenzene
Concen: 48.537 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:105 Resp: 250881

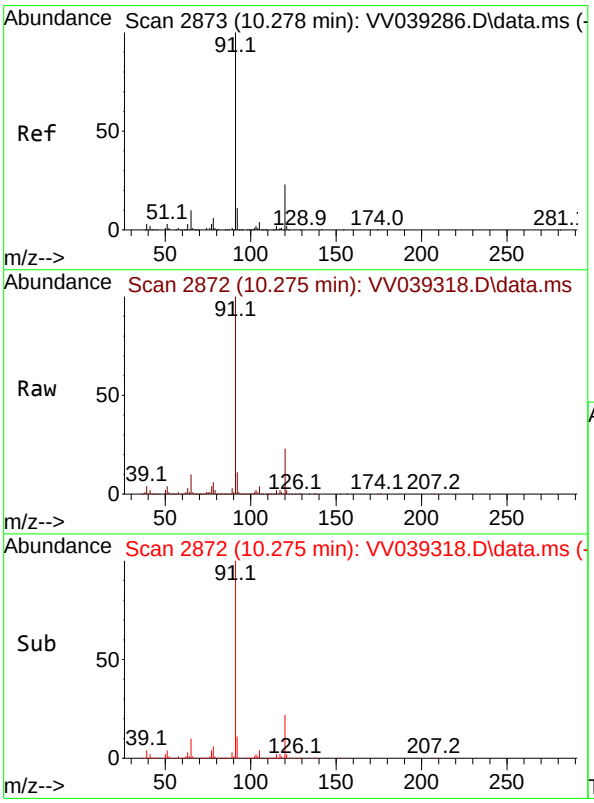
Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

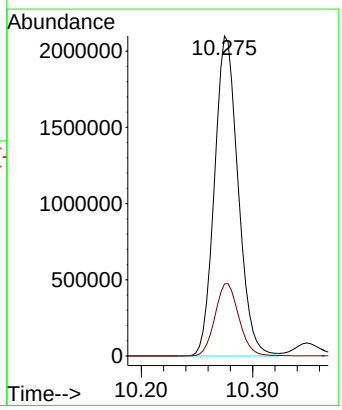
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

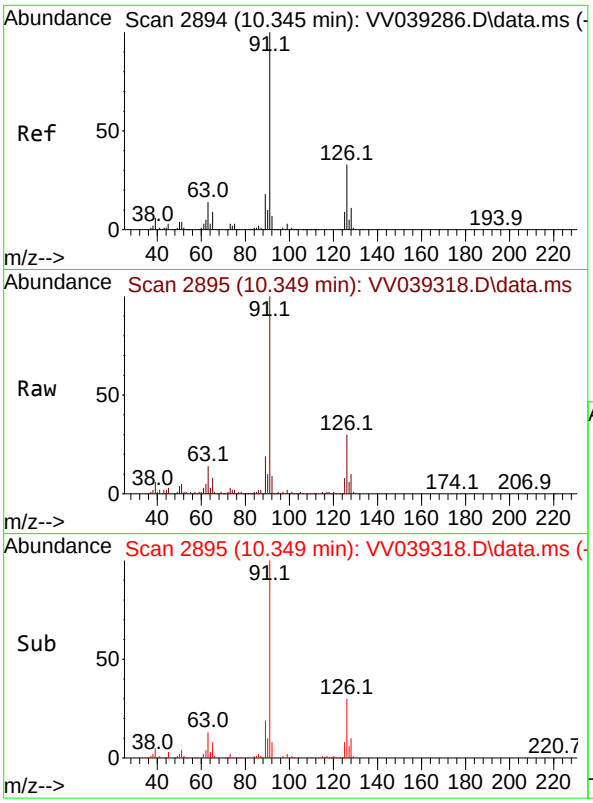


#78
n-propylbenzene
Concen: 49.326 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 91 Resp: 3093598

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5

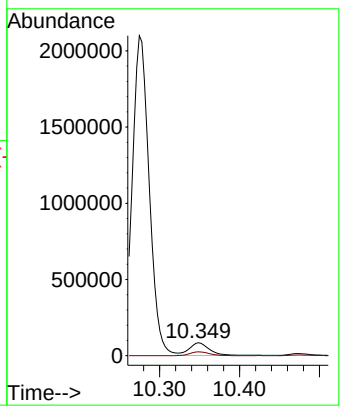




#79
2-Chlorotoluene
Concen: 3.851 ug/l
RT: 10.349 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 91 Resp: 14911

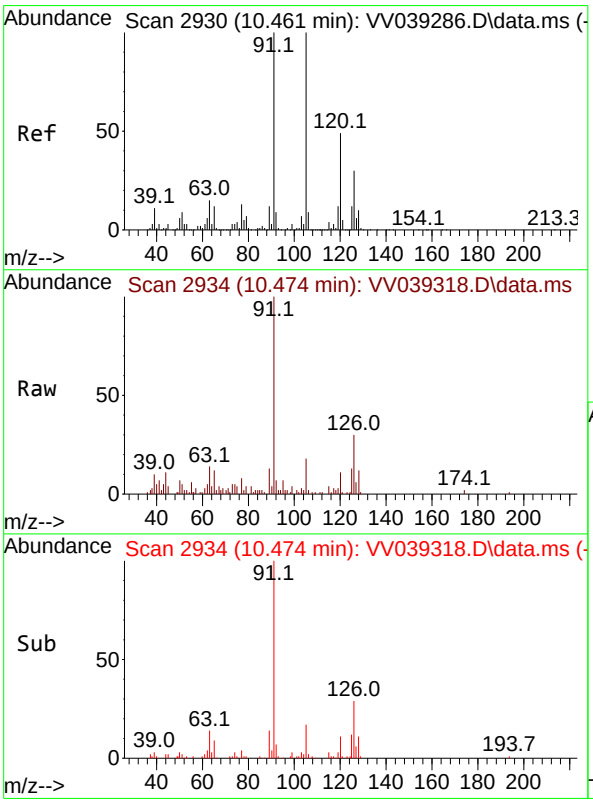
Ion	Ratio	Lower	Upper
91	100		
126	28.8	16.9	50.6



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
APPROVED

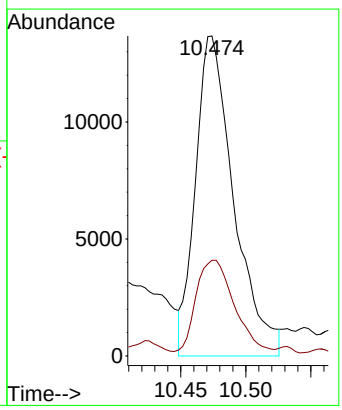
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

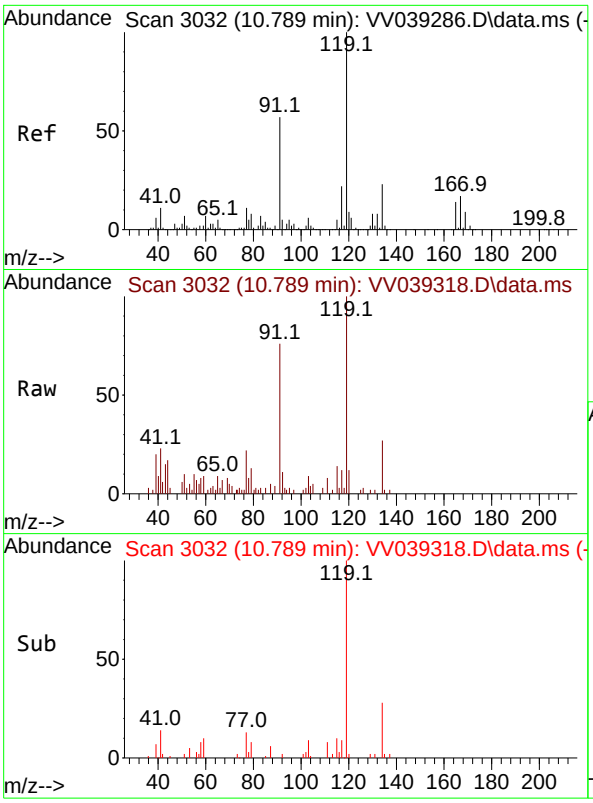


#82
4-Chlorotoluene
Concen: 0.629 ug/l m
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 91 Resp: 28016

Ion	Ratio	Lower	Upper
91	100		
126	153.4	14.8	44.4#

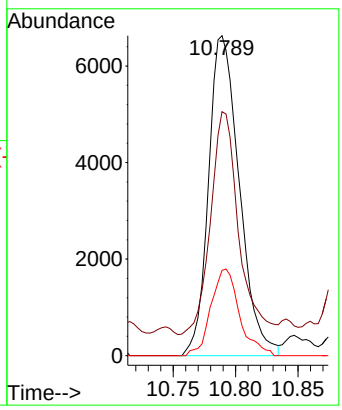




#83
tert-Butylbenzene
Concen: 0.265 ug/l
RT: 10.789 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:119 Resp: 1139

Ion	Ratio	Lower	Upper
119	100		
91	63.3	28.2	84.7
134	25.2	11.5	34.4



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
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Reviewed By :Amit Patel 11/05/2025
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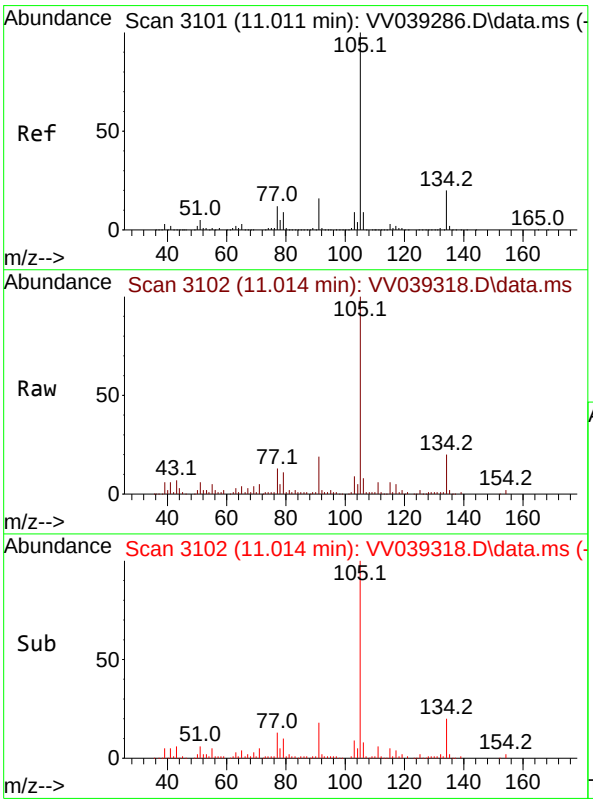
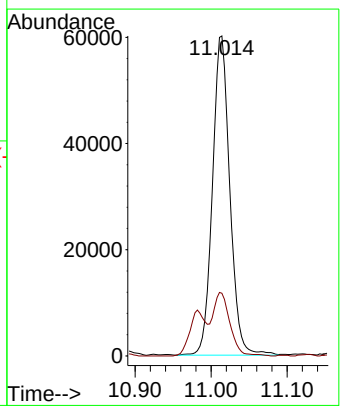
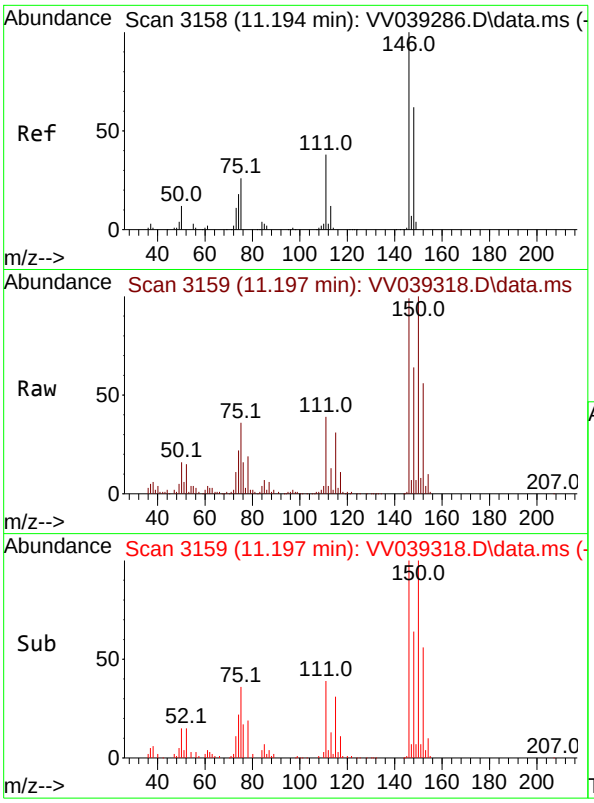


#85
sec-Butylbenzene
Concen: 1.752 ug/l
RT: 11.014 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:105 Resp: 95341

Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.5

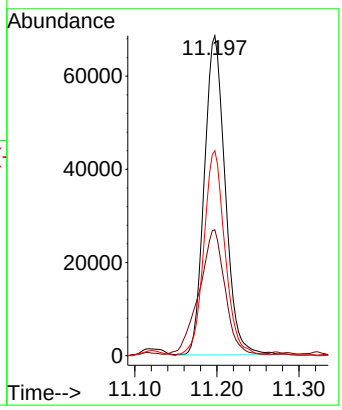




#88
1,4-Dichlorobenzene
Concen: 3.834 ug/l
RT: 11.197 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:146 Resp: 12160

Ion	Ratio	Lower	Upper
146	100		
111	48.1	19.7	59.0
148	65.4	31.5	94.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
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Reviewed By :Amit Patel 11/05/2025
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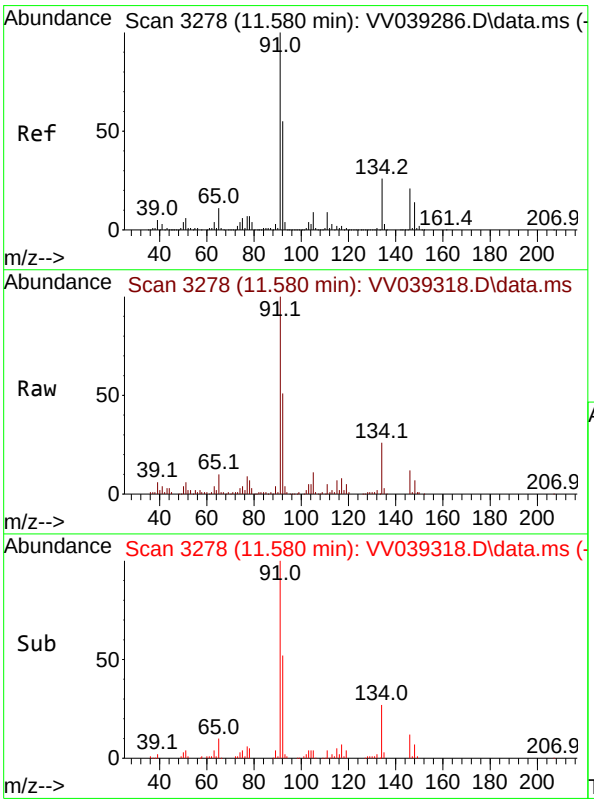
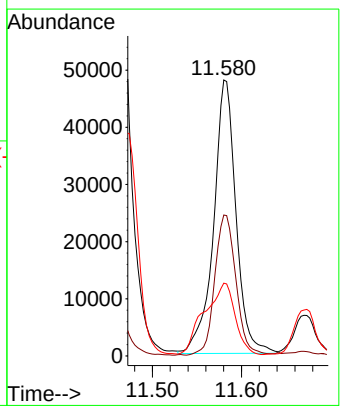
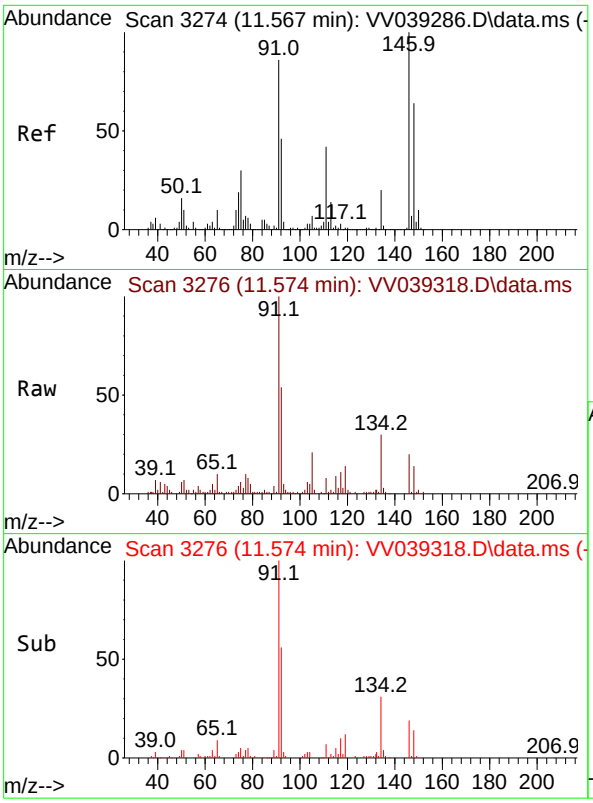


#89
n-Butylbenzene
Concen: 1.924 ug/l
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 91 Resp: 83827

Ion	Ratio	Lower	Upper
91	100		
92	48.4	26.9	80.6
134	37.4	12.6	37.8

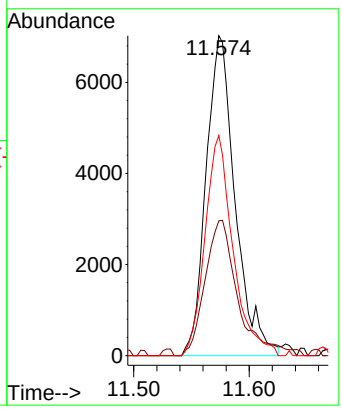




#91
1,2-Dichlorobenzene
Concen: 0.455 ug/l
RT: 11.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:146 Resp: 1226

Ion	Ratio	Lower	Upper
146	100		
111	47.8	21.3	64.0
148	66.3	31.9	95.7



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Manual Integrations
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Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

A B C D E F G H I J

Sample Results: **VV039318.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.121	20	25	34	rVB3	141233	178002	2.02%	0.259%
2	1.198	41	49	70	rBV	276840	727705	8.26%	1.057%
3	1.918	264	273	308	rBV	920039	1566131	17.77%	2.275%
4	3.217	661	677	713	rBV2	386006	1036553	11.76%	1.506%
5	3.802	843	859	888	rBV2	67965	239084	2.71%	0.347%
6	4.243	983	996	1039	rBV3	148309	474501	5.38%	0.689%
7	4.500	1061	1076	1094	rBV2	780642	2038826	23.13%	2.962%
8	4.600	1095	1107	1146	rVB	1075754	2925590	33.19%	4.250%
9	4.937	1200	1212	1227	rBV	841999	1944803	22.06%	2.825%
10	5.011	1228	1235	1268	rVB2	223175	598949	6.80%	0.870%
11	5.532	1381	1397	1440	rBV	1747558	3976655	45.12%	5.777%
12	7.059	1855	1872	1905	rBV	1425192	2963927	33.63%	4.306%
13	7.233	1915	1926	1967	rBV	3273069	6040972	68.54%	8.777%
14	8.149	2193	2211	2227	rBV10	33275	93748	1.06%	0.136%
15	8.773	2394	2405	2410	rBV	3154660	5008890	56.83%	7.277%
16	9.474	2615	2623	2643	rVB2	62163	115087	1.31%	0.167%
17	9.853	2729	2741	2761	rBV	4097278	6133285	69.58%	8.911%
18	9.998	2776	2786	2812	rBV	2577902	4098157	46.49%	5.954%
19	10.275	2860	2872	2887	rBV	4190575	6262993	71.05%	9.099%
20	10.349	2888	2895	2911	rVB	224004	379880	4.31%	0.552%
21	10.474	2926	2934	2948	rVB2	46550	88211	1.00%	0.128%
22	10.664	2983	2993	3015	rBV	127024	226900	2.57%	0.330%
23	10.889	3055	3063	3074	rBV	92752	139462	1.58%	0.203%
24	10.982	3084	3092	3095	rBV	90637	119292	1.35%	0.173%
25	11.011	3095	3101	3121	rVB	185204	325994	3.70%	0.474%
26	11.172	3140	3151	3173	rBV	3352062	5506960	62.48%	8.001%
27	11.275	3176	3183	3194	rVB6	63624	113982	1.29%	0.166%
28	11.381	3207	3216	3220	rBV2	66339	99380	1.13%	0.144%
29	11.448	3221	3237	3263	rVV	5449749	8814369	100.00%	12.806%
30	11.580	3264	3278	3292	rVV3	161991	388389	4.41%	0.564%
31	11.670	3296	3306	3319	rBV2	92778	150977	1.71%	0.219%
32	11.940	3379	3390	3397	rBV	767187	1184992	13.44%	1.722%
33	12.037	3411	3420	3453	rVB2	504589	1145472	13.00%	1.664%
34	12.339	3498	3514	3536	rBV	649074	1105450	12.54%	1.606%
35	12.586	3579	3591	3600	rBV4	126913	246269	2.79%	0.358%
36	12.648	3602	3610	3626	rVB	264191	443135	5.03%	0.644%

Sample Results: **VV039318.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

37	12.805	3647	3659	3671	rBV2	786106	1246792	14.14%	1.811%
38	12.966	3702	3709	3721	rVB6	61864	109234	1.24%	0.159%
39	13.037	3723	3731	3743	rVB4	75323	120998	1.37%	0.176%
40	13.197	3773	3781	3788	rBV2	61489	91191	1.03%	0.132%
41	13.840	3971	3981	3994	rBV4	60306	112783	1.28%	0.164%
42	14.033	4027	4041	4053	rBV4	55796	123115	1.40%	0.179%
43	14.387	4133	4151	4161	rBV4	56890	124019	1.41%	0.180%

Sum of corrected areas: 68831104

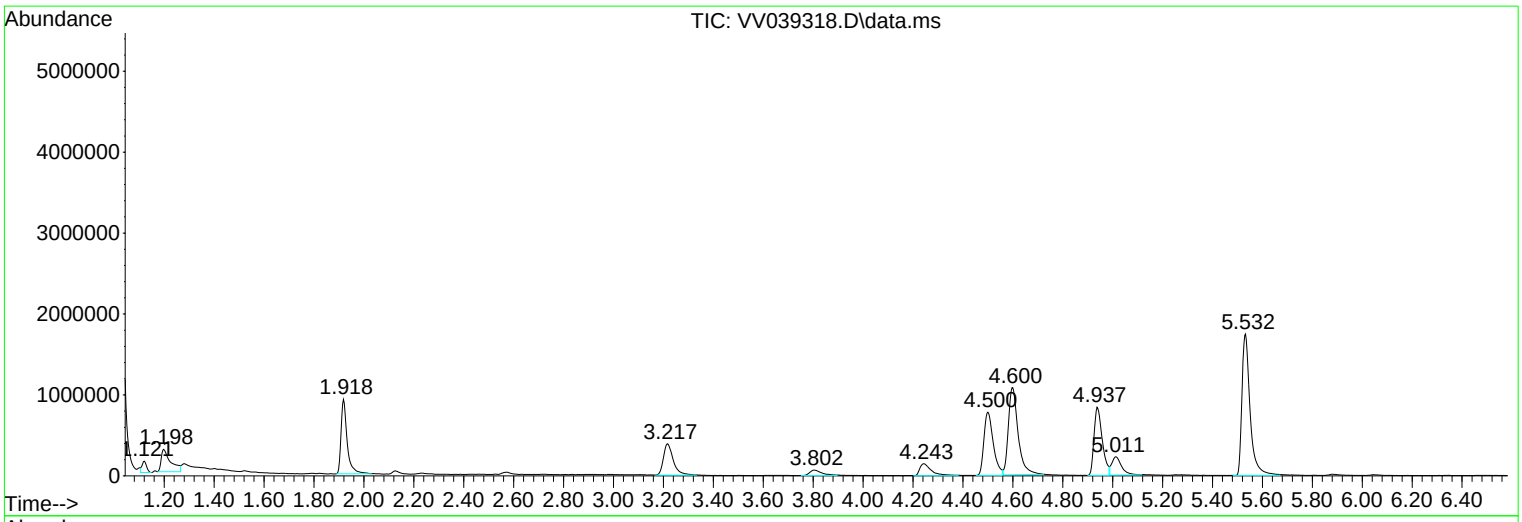
Sample Results: **VV039318.D**

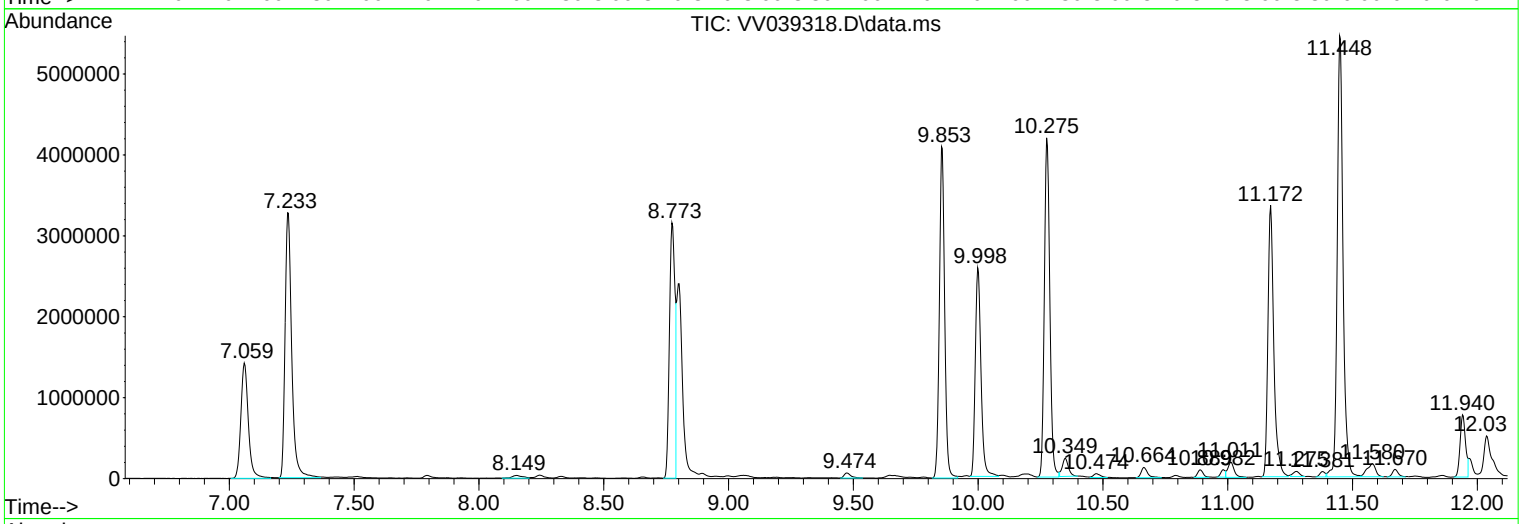
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

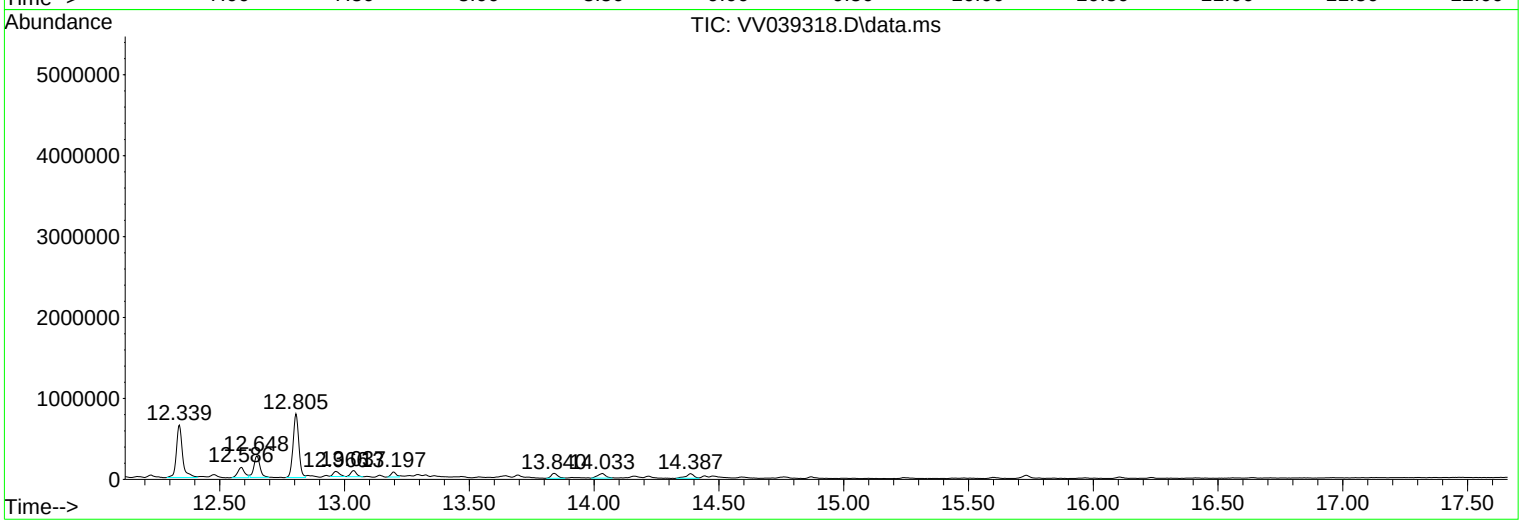
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On    : 04 Nov 2025  16:39
Operator  : SY/MD
Sample    : Q3534-05
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 14   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

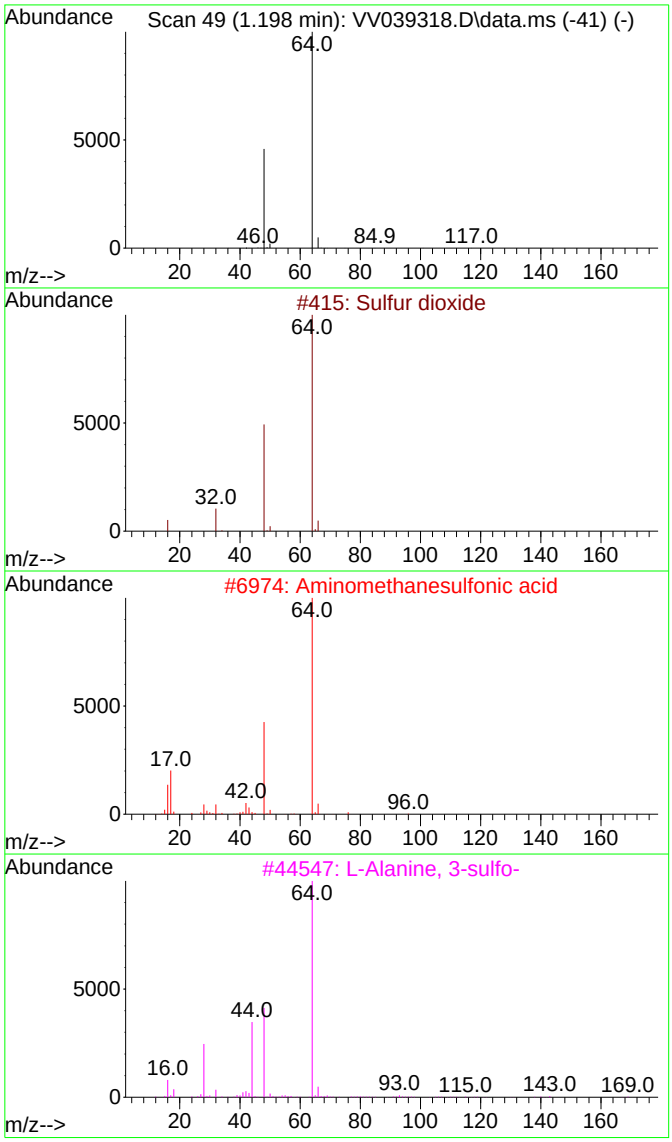
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

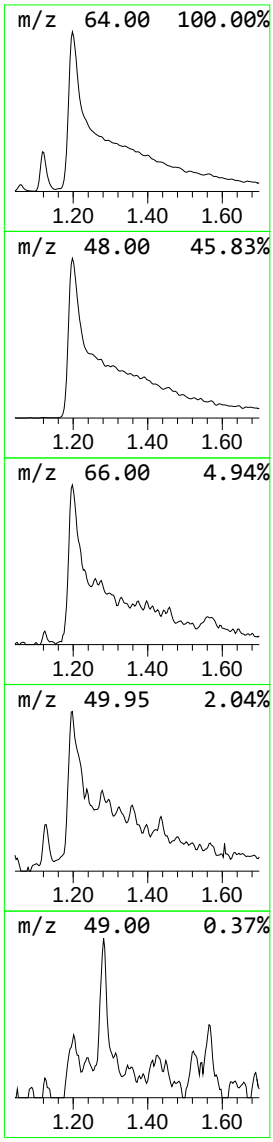
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.198	12.44 ug/l	727705	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

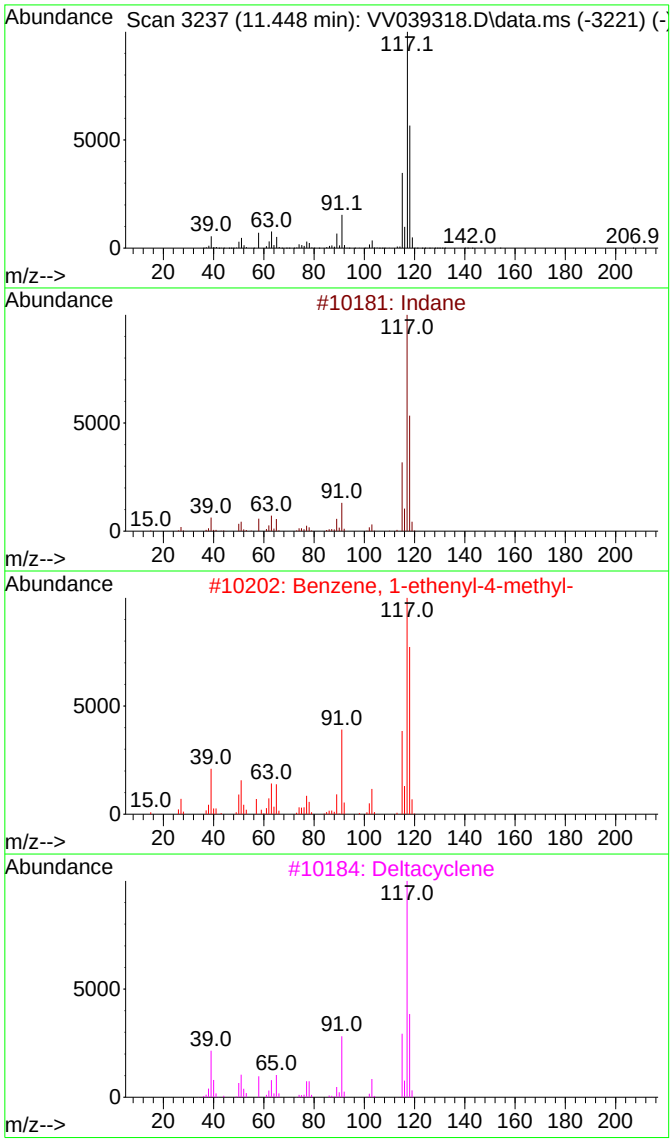
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

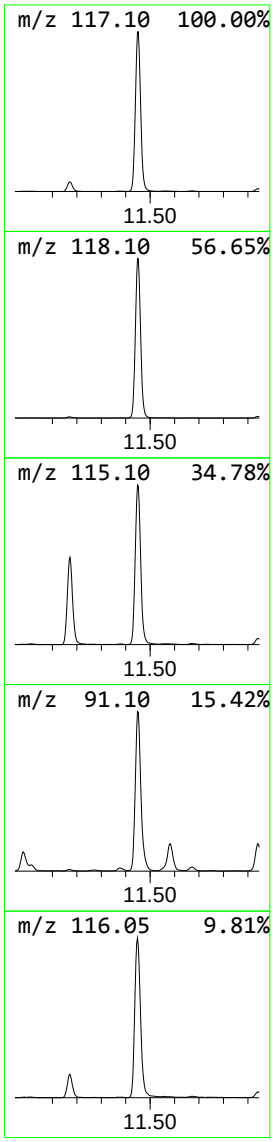
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.448	80.03 ug/l	8814370	1,4-Dichlorobenzene-d4	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

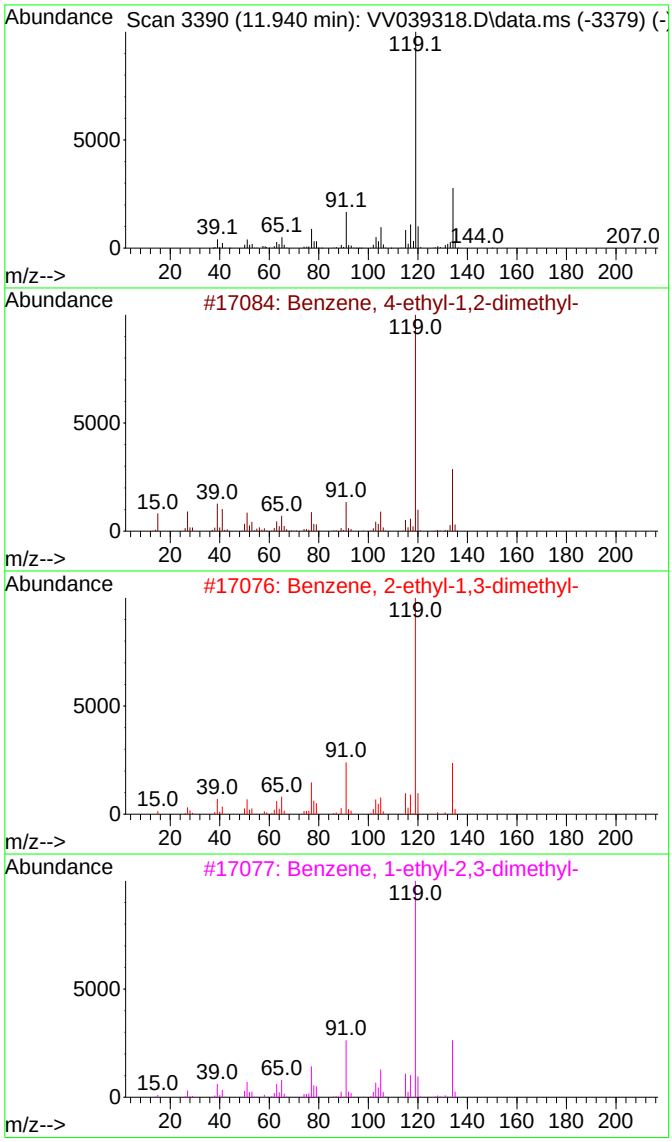
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

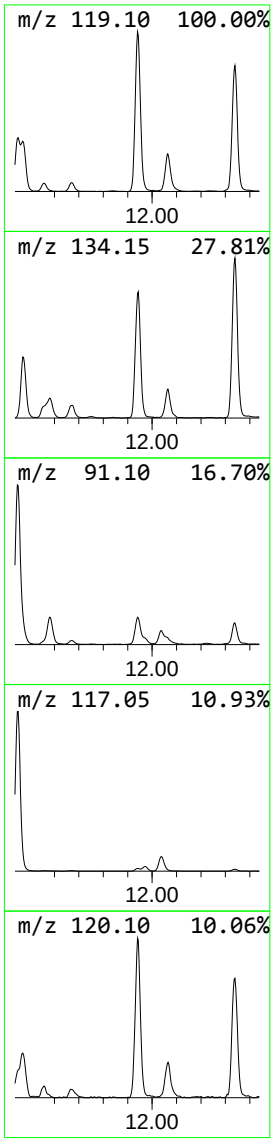
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	10.76 ug/l	1184990	1,4-Dichlorobenzene-d4	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

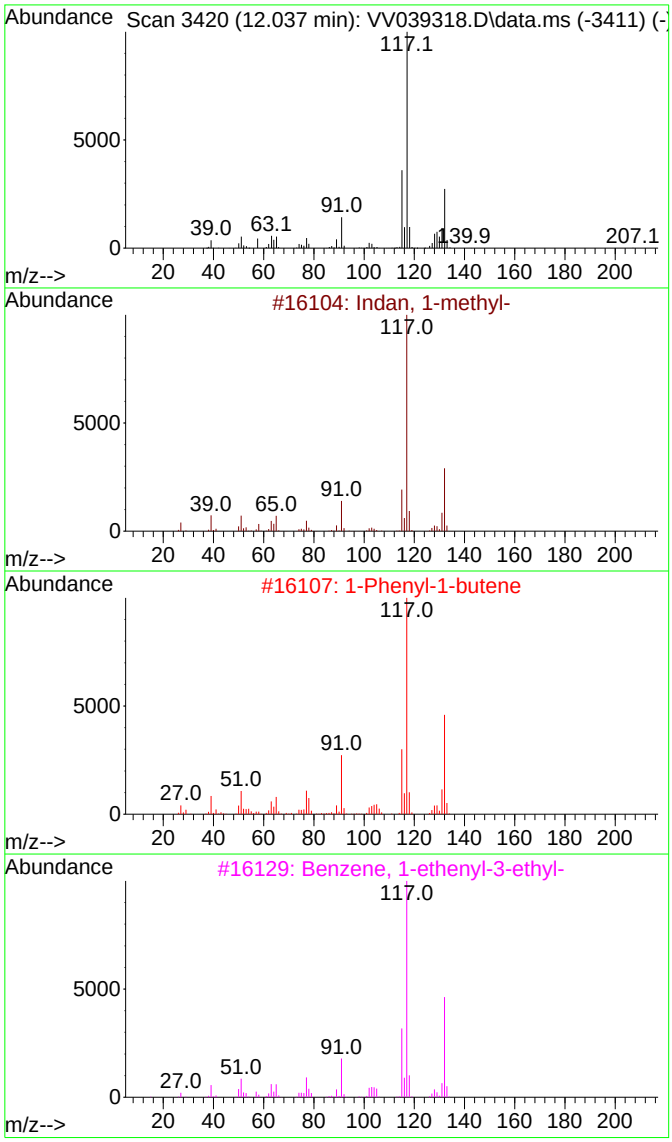
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

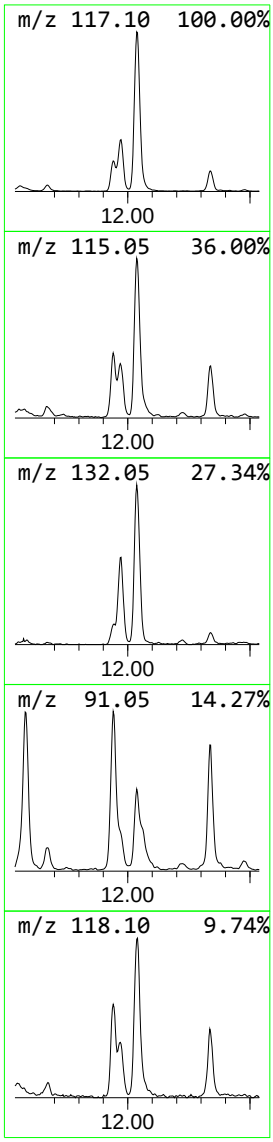
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.037	10.40 ug/l	1145470	1,4-Dichlorobenzene-d4	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

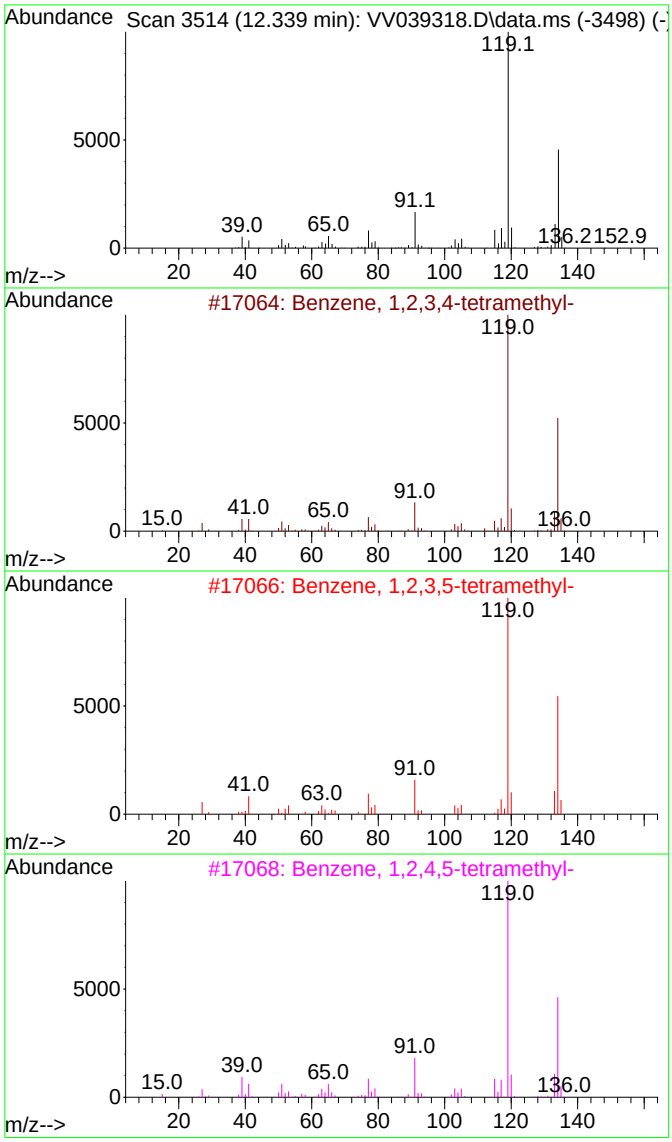
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

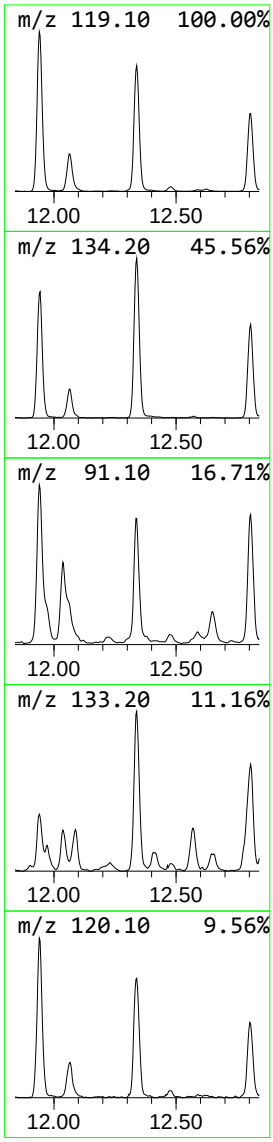
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	10.04 ug/l	1105450	1,4-Dichlorobenzene-d4	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039318.D
Acq On : 04 Nov 2025 16:39
Operator : SY/MD
Sample : Q3534-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.198	12.4	ug/l	727705	1	4.600	2925590	50.0
Indane	11.448	80.0	ug/l	8814370	4	11.172	5506960	50.0
Benzene, 4-ethy...	11.940	10.8	ug/l	1184990	4	11.172	5506960	50.0
Indan, 1-methyl-	12.037	10.4	ug/l	1145470	4	11.172	5506960	50.0
Benzene, 1,2,3,...	12.339	10.0	ug/l	1105450	4	11.172	5506960	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 00:39:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	616619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1121740	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1092486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	497981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	524263	59.835	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 119.660%#			
35) Dibromofluoromethane	4.500	113	453587	51.319	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.640%			
50) Toluene-d8	7.236	98	1410464	46.909	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	10.001	95	488084	45.579	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.160%			
Target Compounds						Qvalue
8) Diethyl Ether	1.921	74	26811	5.246	ug/l	99
22) Diisopropyl ether	3.217	45	65193	2.755	ug/l #	36
29) Tetrahydrofuran	4.256	42	15411m	4.498	ug/l	
65) Chlorobenzene	8.809	112	63971	2.473	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	30118	1.623	ug/l #	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **VV039319.D**

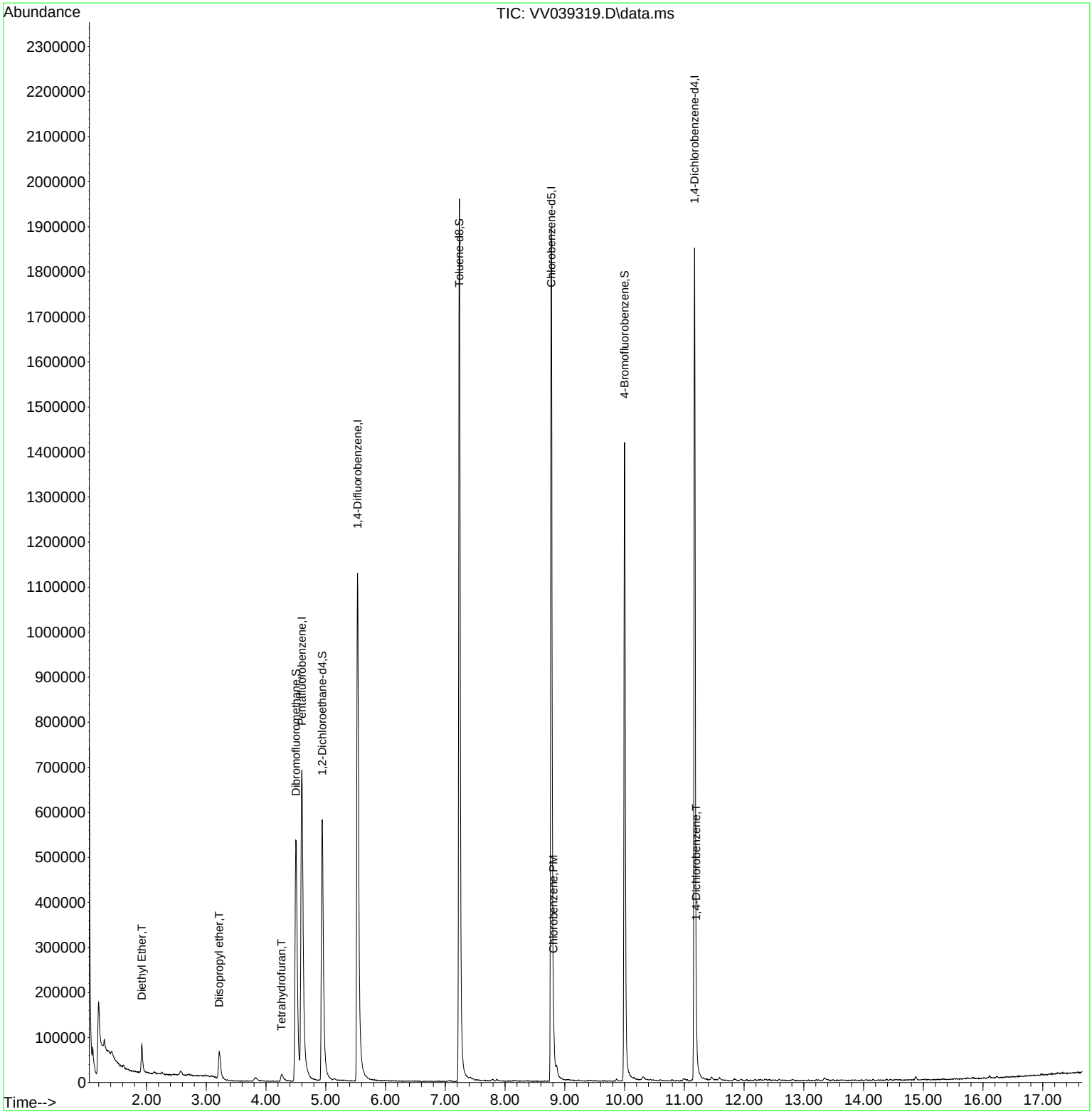
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

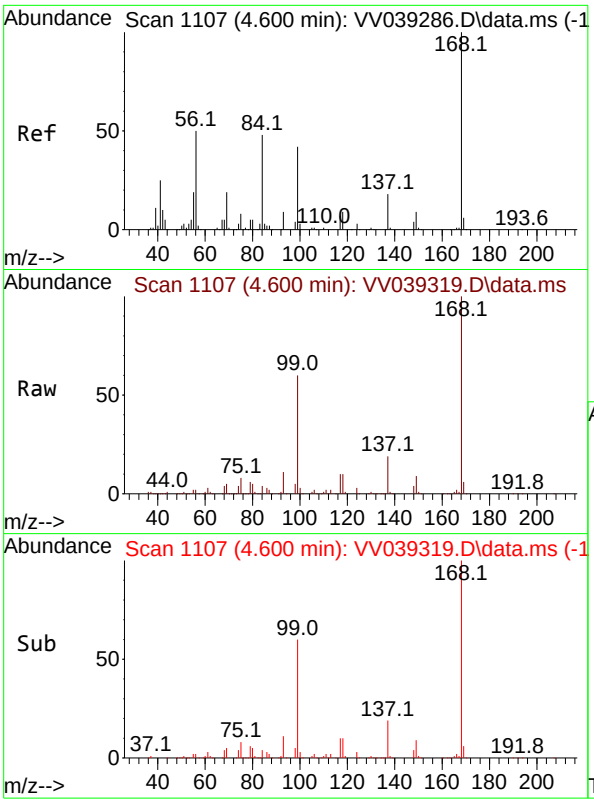
Quant Time: Nov 05 00:39:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

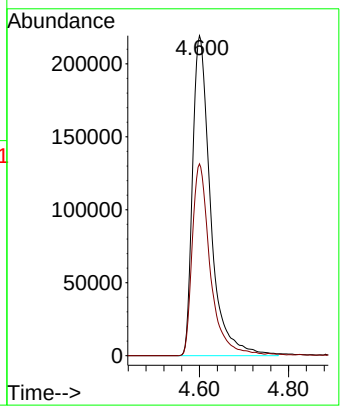




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:168 Resp: 61661

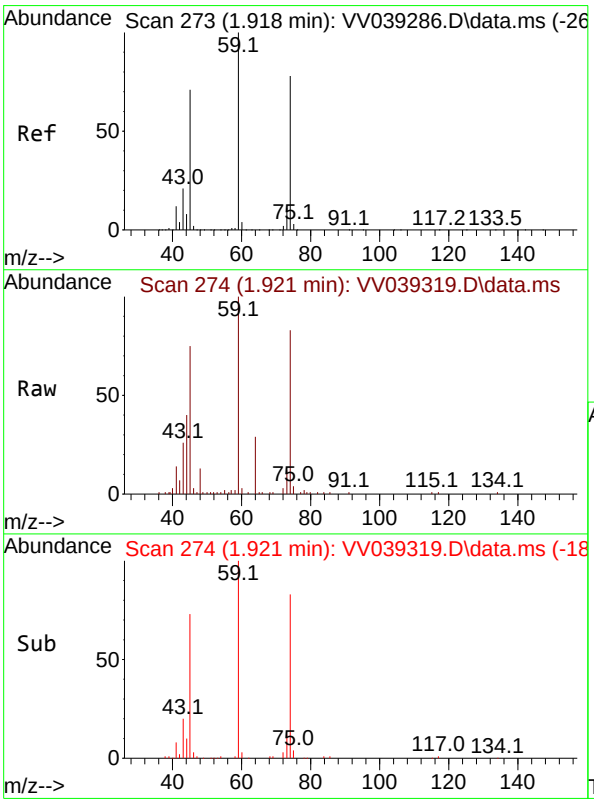
Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	70.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

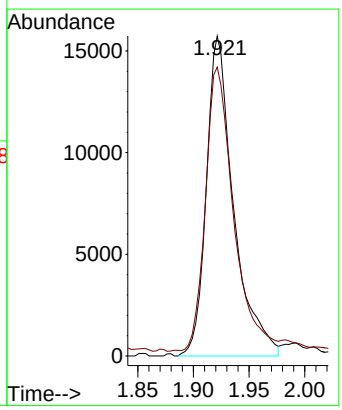
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

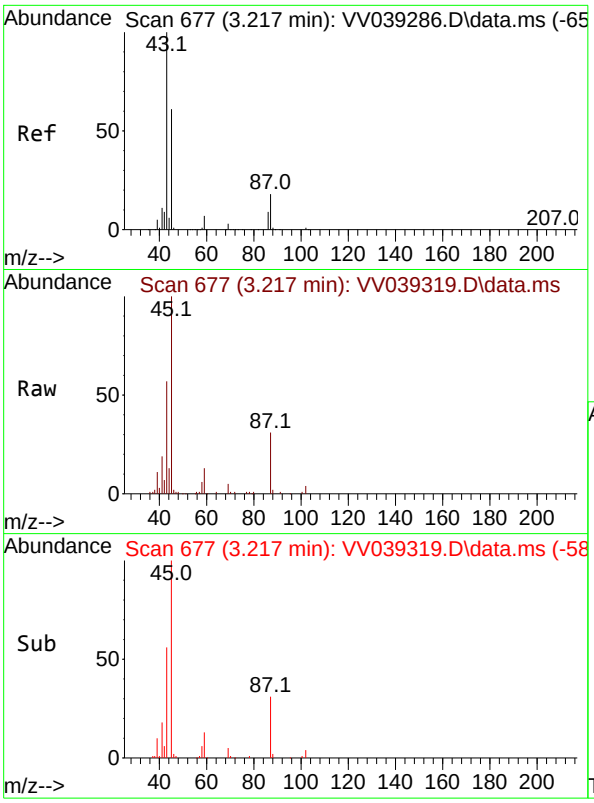


#8
Diethyl Ether
Concen: 5.246 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 74 Resp: 26811

Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.9	137.7

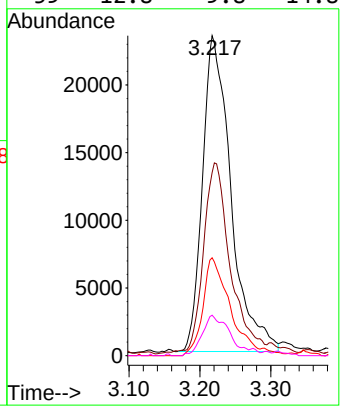




#22
Diisopropyl ether
Concen: 2.755 ug/l
RT: 3.217 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 45 Resp: 6519

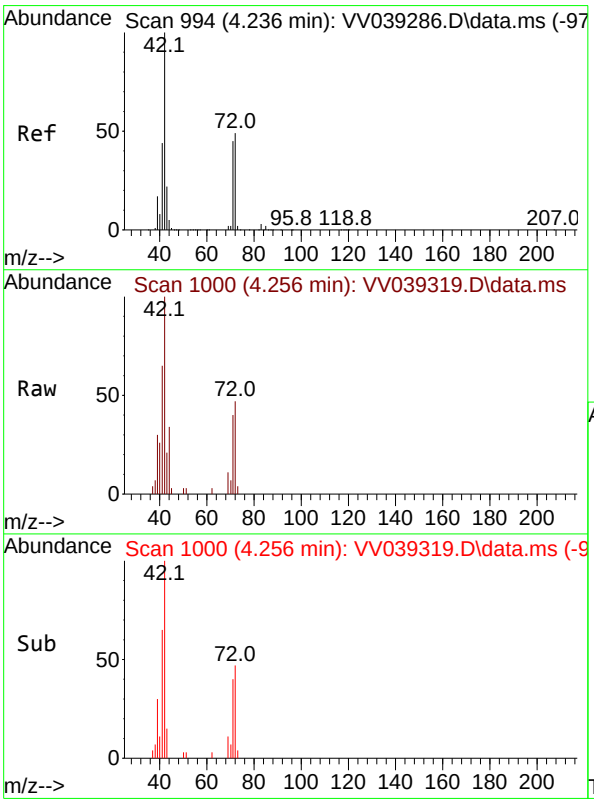
Ion	Ratio	Lower	Upper
45	100		
43	56.5	130.8	196.2#
87	31.0	23.8	35.8
59	12.8	9.8	14.8



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

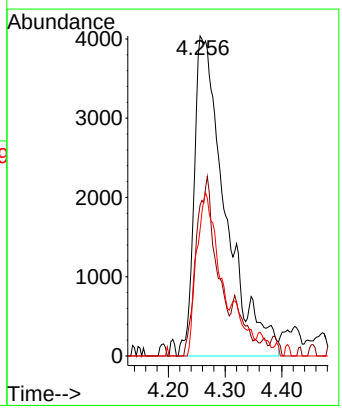
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

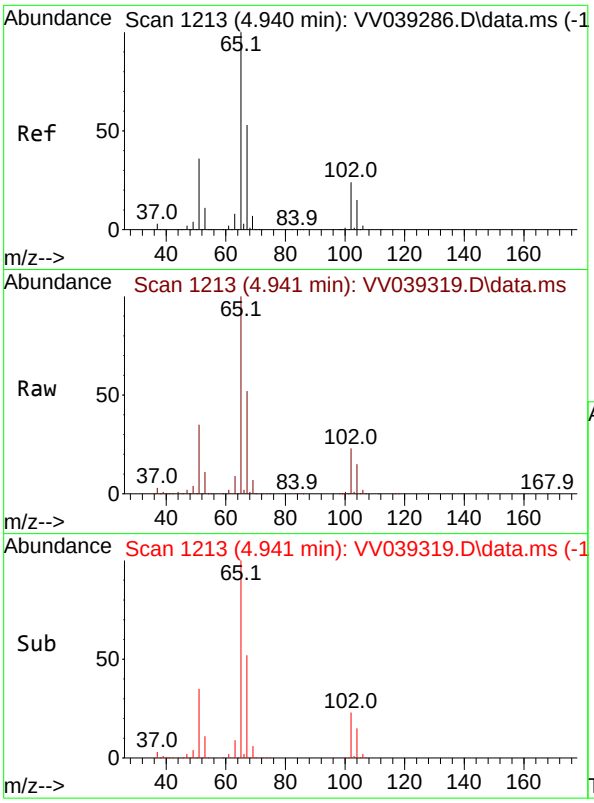


#29
Tetrahydrofuran
Concen: 4.498 ug/l m
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 42 Resp: 15411

Ion	Ratio	Lower	Upper
42	100		
72	36.8	39.8	59.8#
71	35.6	36.5	54.7#

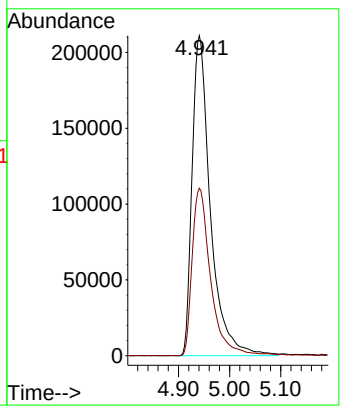




#33
1,2-Dichloroethane-d4
Concen: 59.835 ug/l
RT: 4.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 65 Resp: 52426

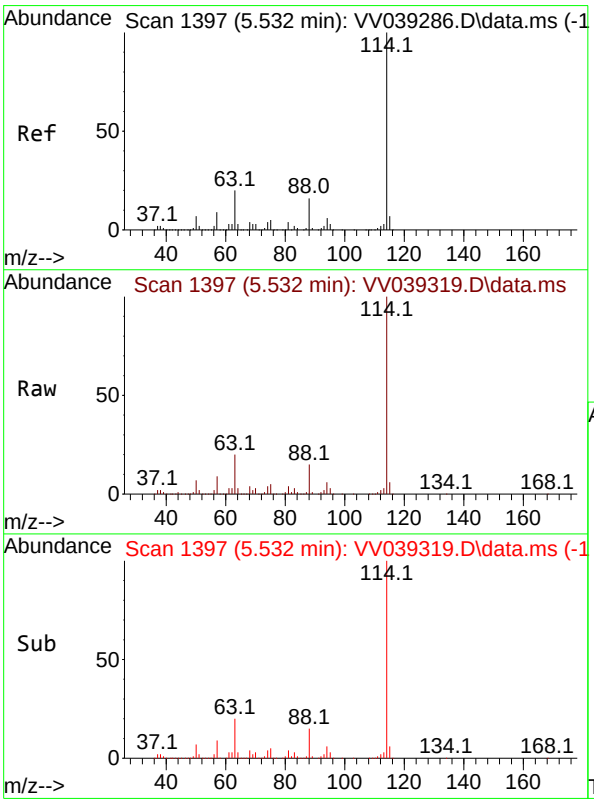
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.4



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

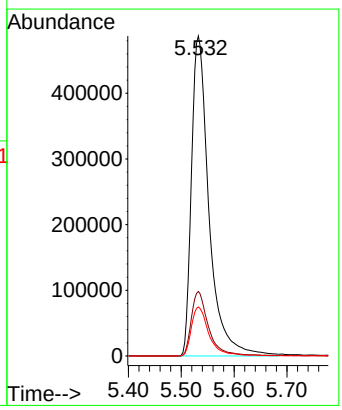
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

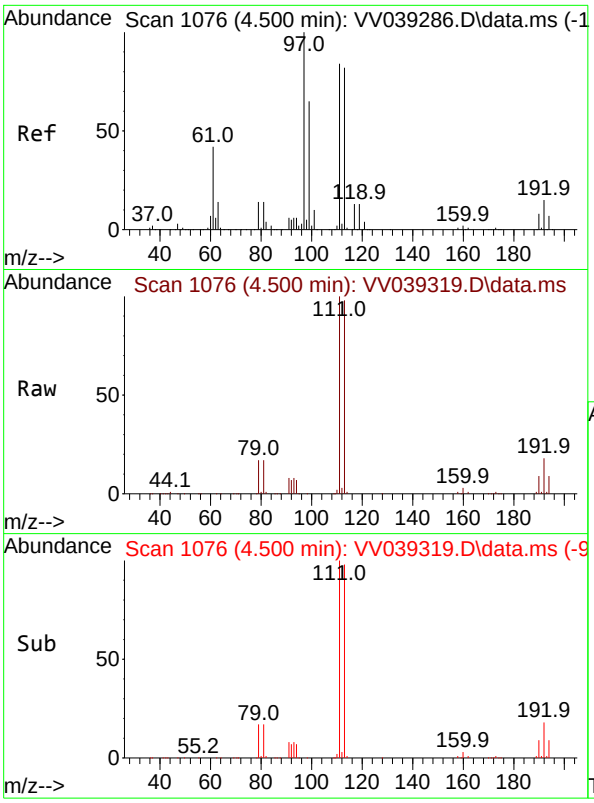


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:114 Resp: 1121740

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.3	0.0	31.6

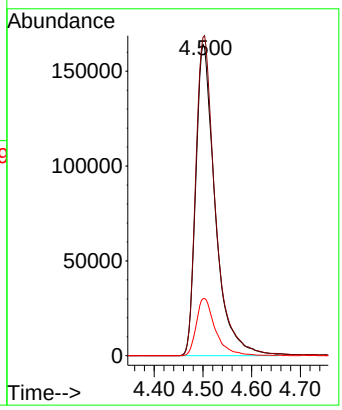




#35
Dibromofluoromethane
Concen: 51.319 ug/l
RT: 4.500 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:113 Resp: 45358

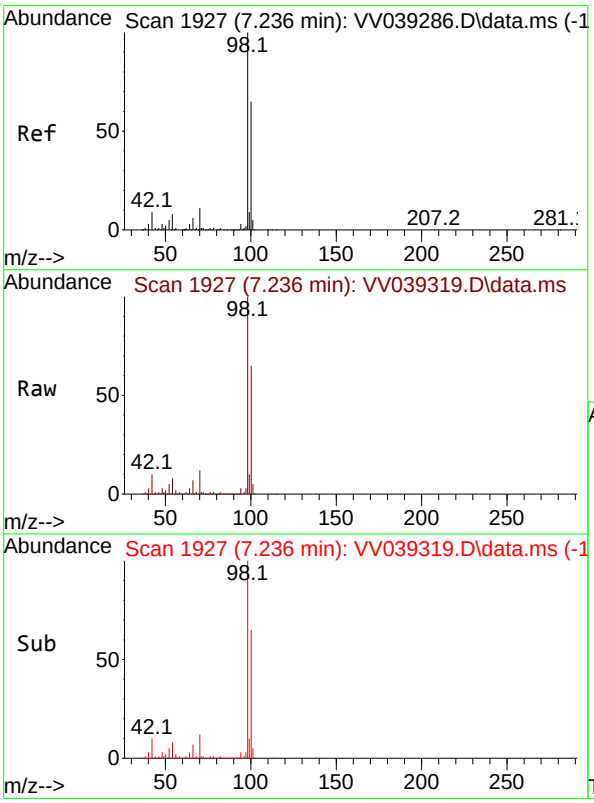
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	18.1	14.3	21.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

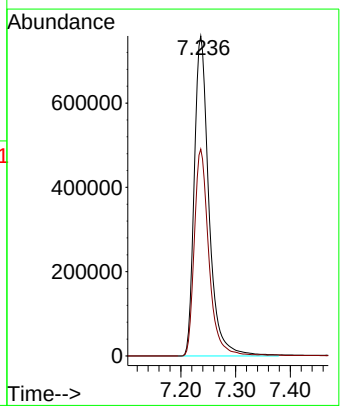
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

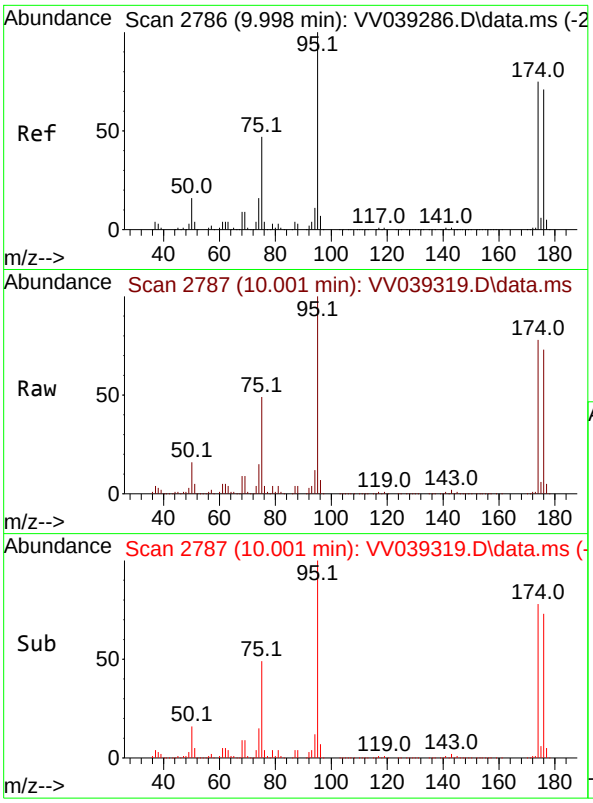


#50
Toluene-d8
Concen: 46.909 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 98 Resp: 1410464

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2

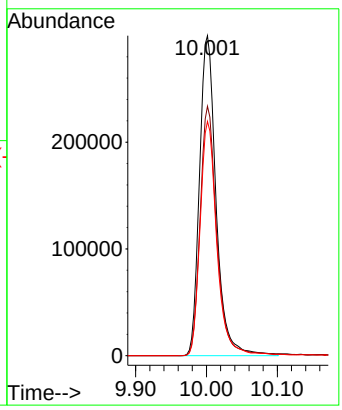




#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion: 95 Resp: 48808

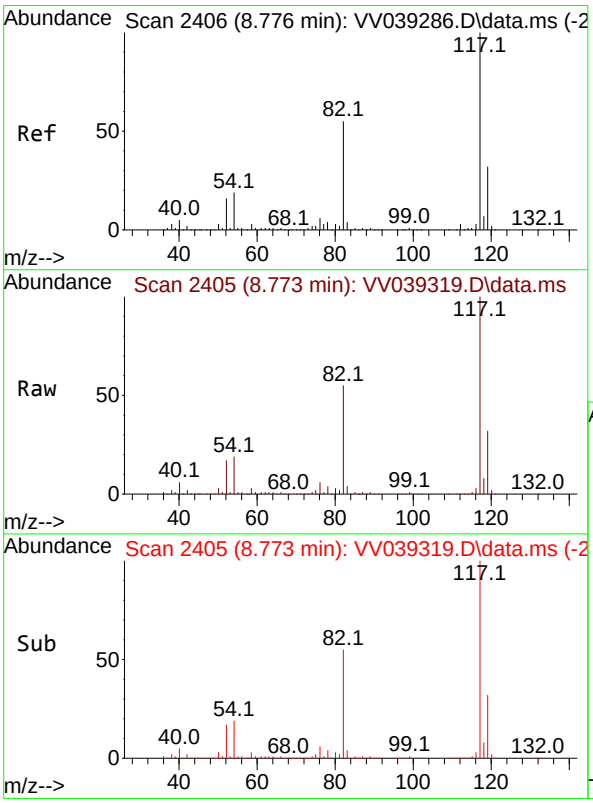
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	153.6
176	73.7	0.0	146.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

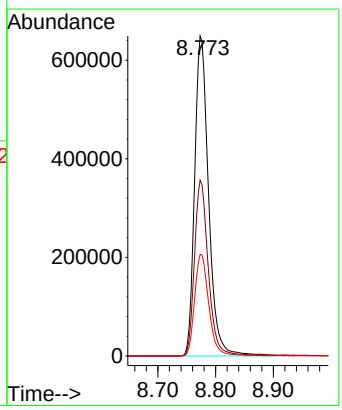
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

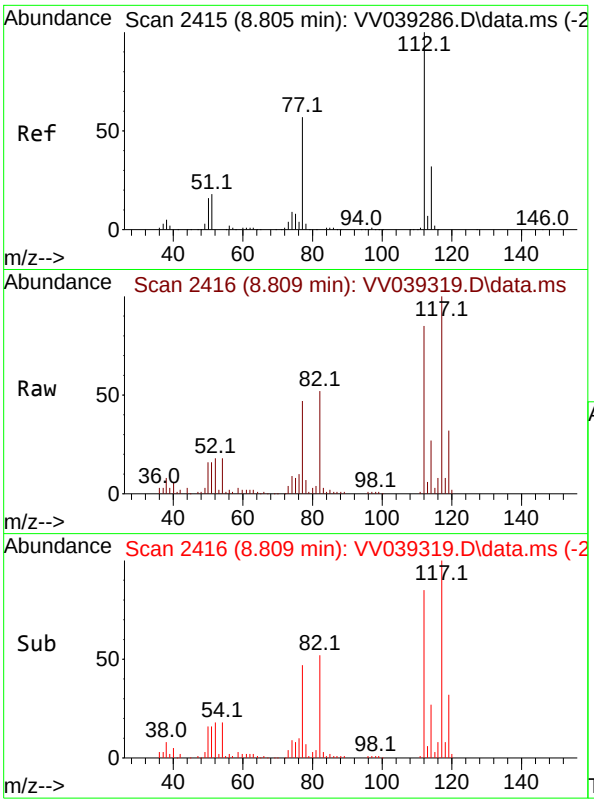


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:117 Resp: 1092486

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	31.7	25.8	38.6

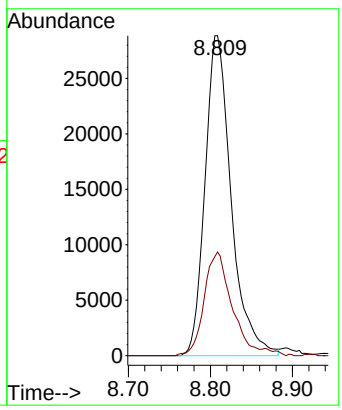




#65
Chlorobenzene
Concen: 2.473 ug/l
RT: 8.809 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

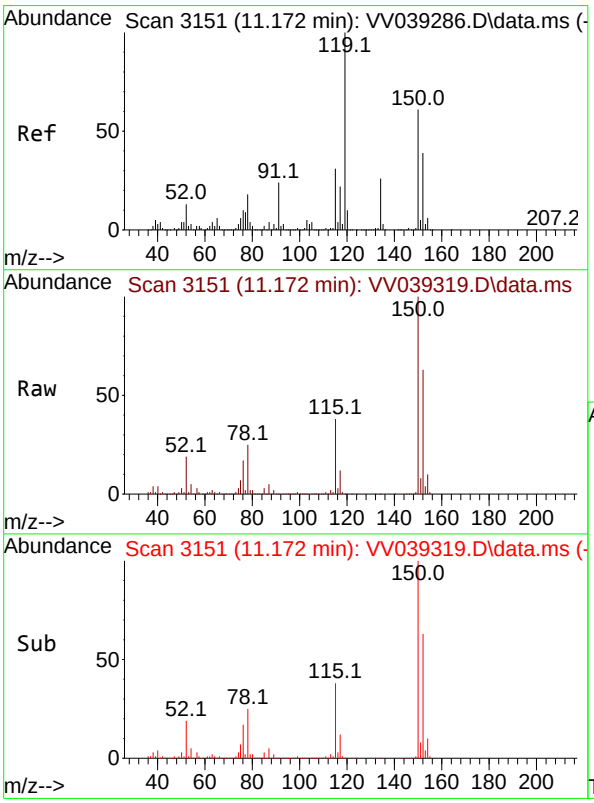
Tgt Ion:112 Resp: 6397

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

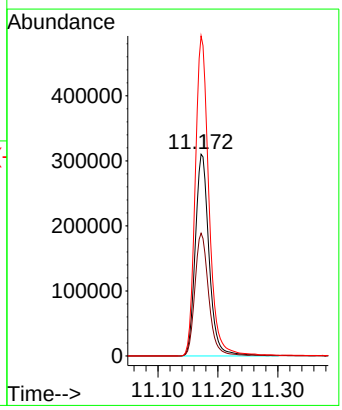
Manual Integrations
APPROVED
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

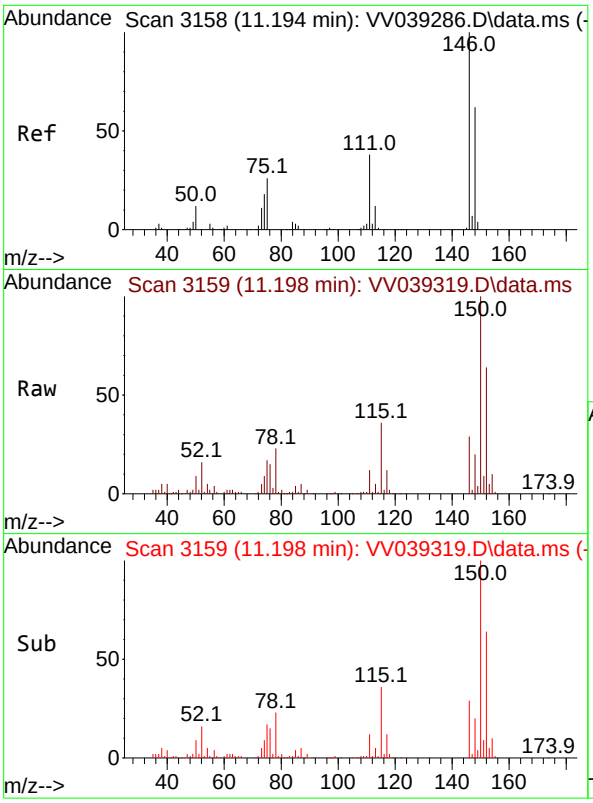


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:152 Resp: 497981

Ion	Ratio	Lower	Upper
152	100		
115	60.9	42.3	126.8
150	157.1	0.0	348.0

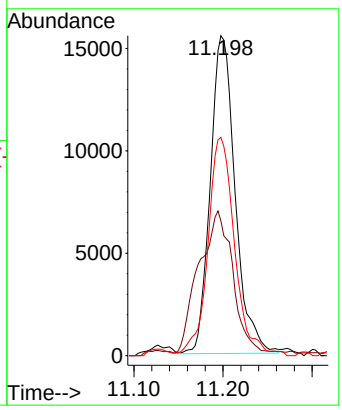




#88
1,4-Dichlorobenzene
Concen: 1.623 ug/l
RT: 11.198 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Tgt Ion:146 Resp: 3011

Ion	Ratio	Lower	Upper
146	100		
111	61.7	19.7	59.0#
148	73.9	31.5	94.5



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

A B C D E F G H I J

Sample Results: **VV039319.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039319.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.098	16	18	38	rVB3	59018	94063	2.57%	0.454%
2	1.198	39	49	69	rBV	157598	496180	13.55%	2.395%
3	1.921	267	274	287	rVB	59820	96826	2.64%	0.467%
4	3.217	666	677	697	rVB2	58557	144074	3.94%	0.695%
5	4.265	991	1003	1017	rBV6	15903	46415	1.27%	0.224%
6	4.500	1062	1076	1095	rBV	534175	1409101	38.49%	6.802%
7	4.600	1095	1107	1159	rVB	686767	1945960	53.15%	9.393%
8	4.941	1201	1213	1240	rBV	578361	1426173	38.95%	6.884%
9	5.532	1386	1397	1441	rBV	1127541	2616280	71.46%	12.629%
10	7.236	1914	1927	1961	rBV	1959805	3661166	100.00%	17.673%
11	8.773	2395	2405	2429	rBV	1895508	3382973	92.40%	16.330%
12	10.001	2774	2787	2809	rBV	1417977	2336459	63.82%	11.278%
13	11.172	3140	3151	3177	rBV	1847475	3060597	83.60%	14.774%

Sum of corrected areas: 20716267

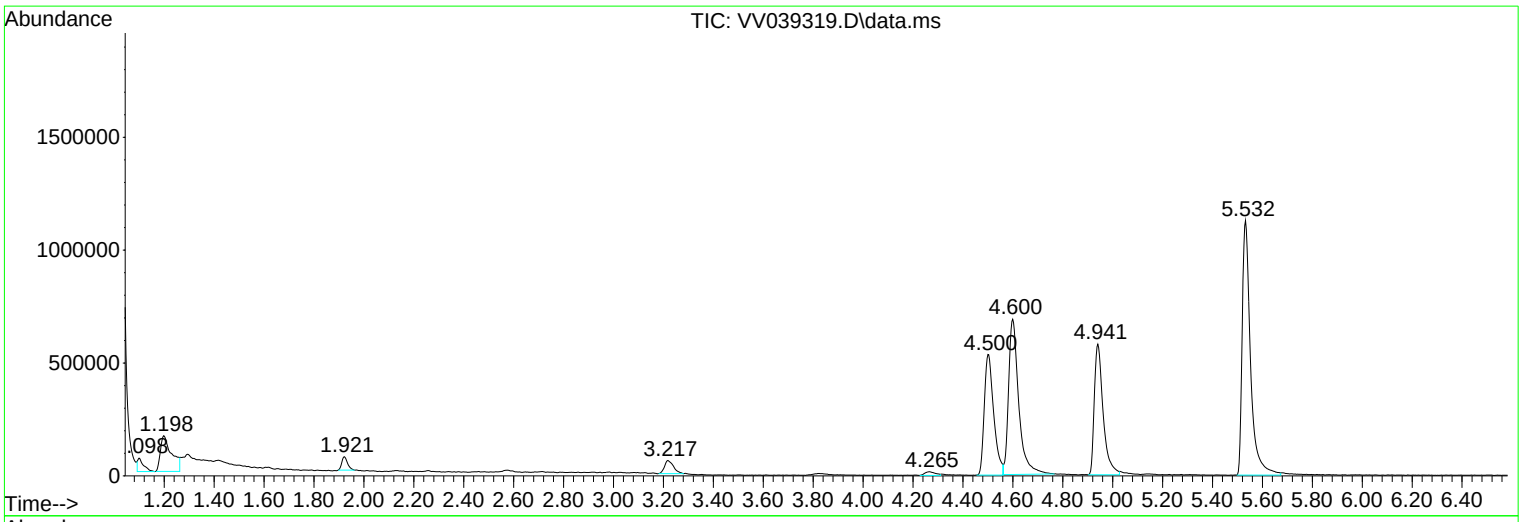
Sample Results: **VV039319.D**

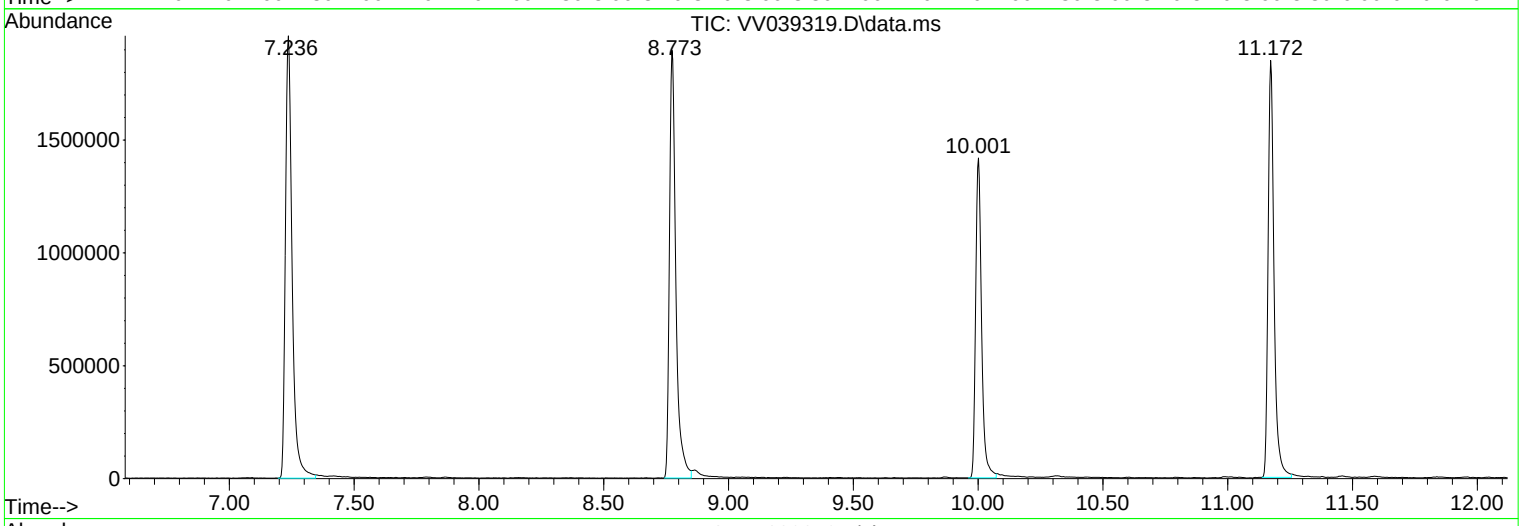
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

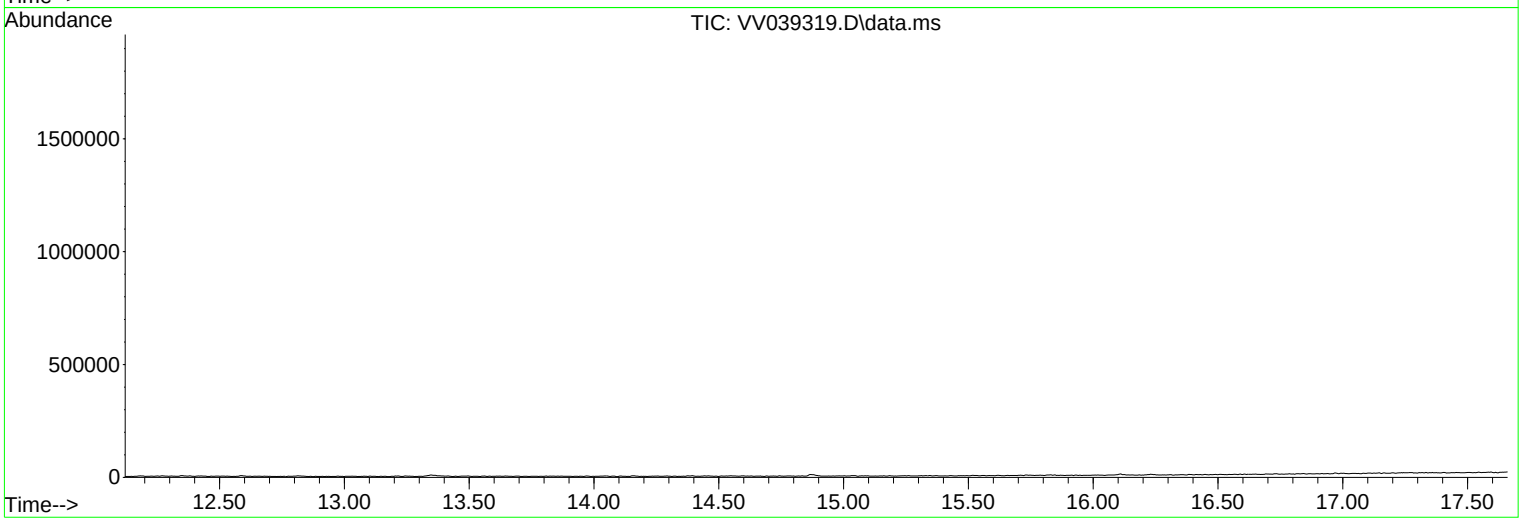
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039319.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039319.D
Acq On : 04 Nov 2025 17:02
Operator : SY/MD
Sample : Q3534-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 05 00:40:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	890347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1641332	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1514755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	687973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	687885	54.372	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 108.740%			
35) Dibromofluoromethane	4.500	113	619545	47.906	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.820%			
50) Toluene-d8	7.236	98	2004989	45.572	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.140%			
62) 4-Bromofluorobenzene	9.998	95	679654	43.377	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 86.760%			
Target Compounds						Qvalue
8) Diethyl Ether	1.921	74	7972	1.080	ug/l	90
29) Tetrahydrofuran	4.272	42	9654m	1.952	ug/l	
65) Chlorobenzene	8.805	112	209972	5.855	ug/l	97
88) 1,4-Dichlorobenzene	11.194	146	26527	1.035	ug/l #	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

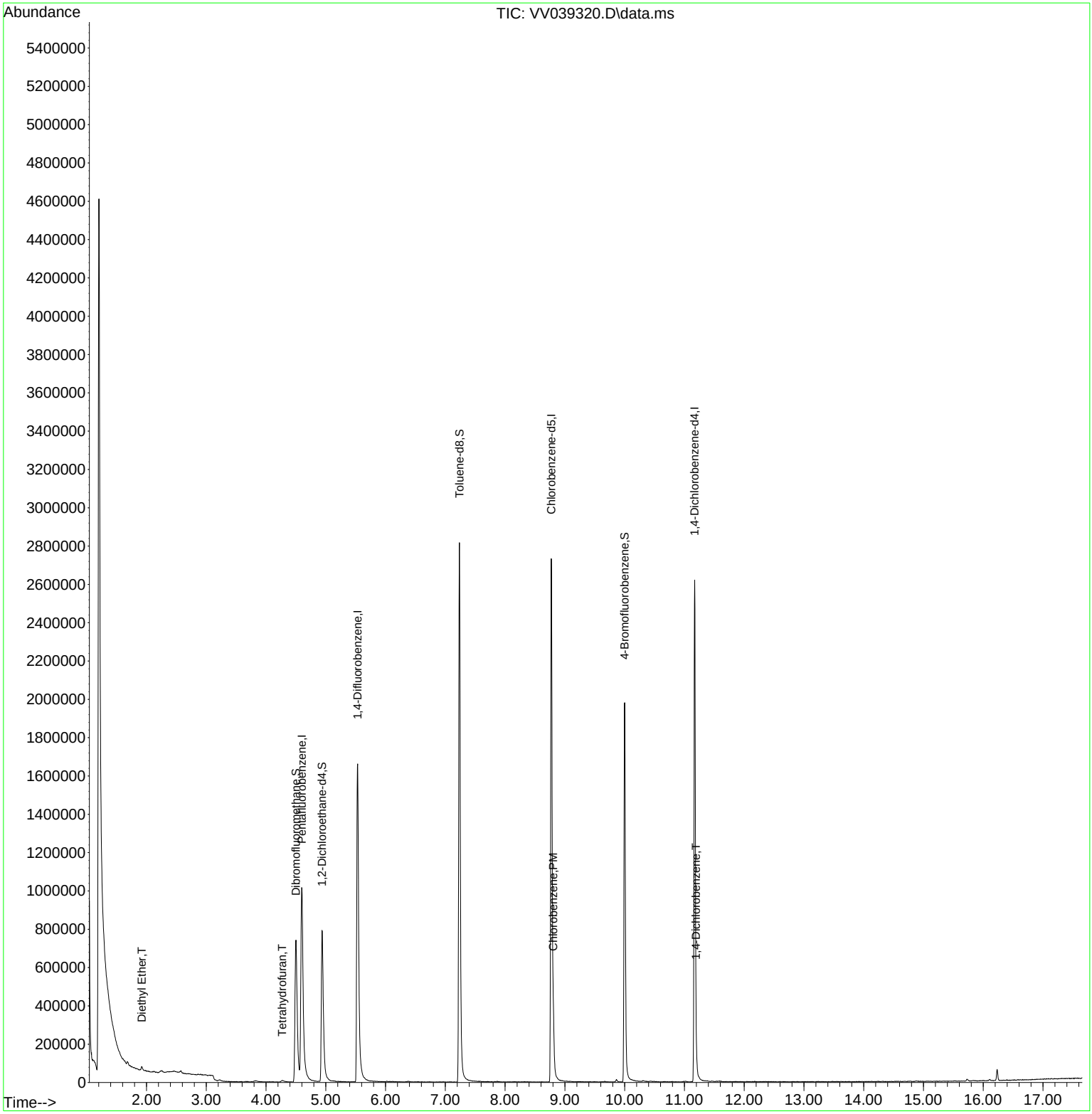
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

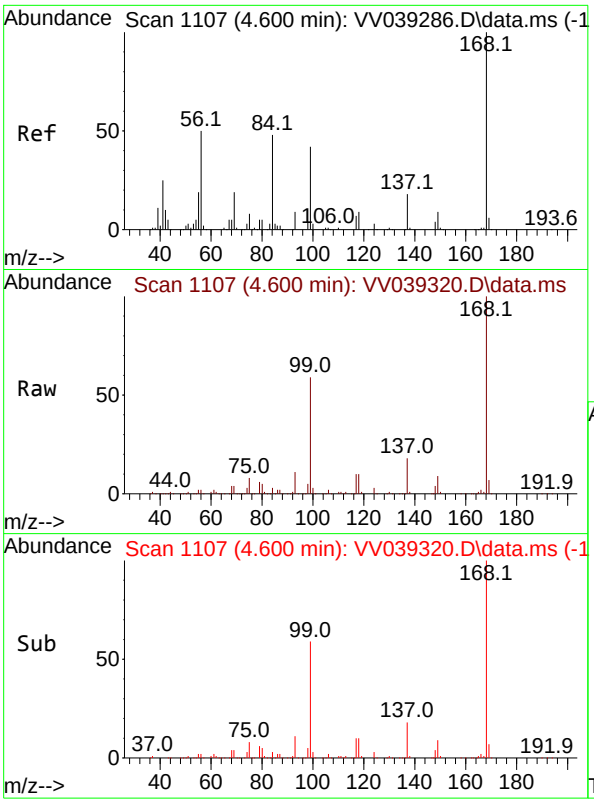
Quant Time: Nov 05 00:40:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

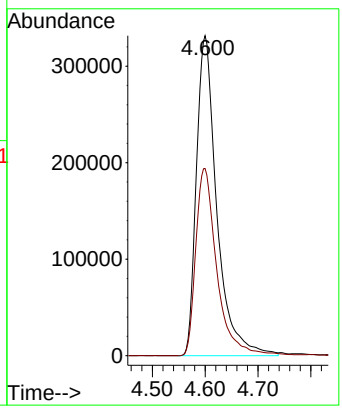




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:168 Resp: 89034

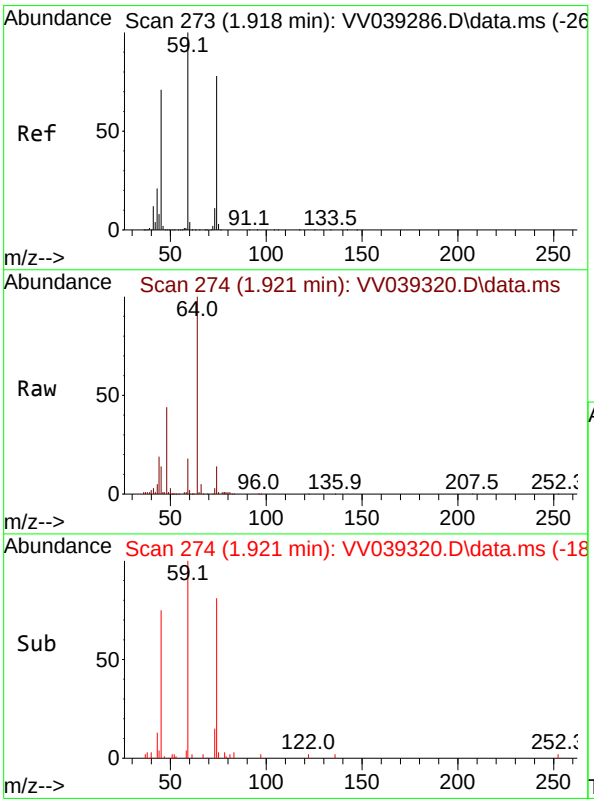
Ion	Ratio	Lower	Upper
168	100		
99	58.5	46.6	70.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

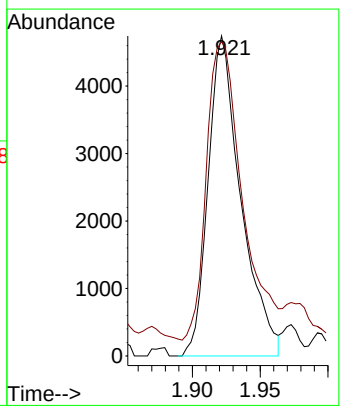
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

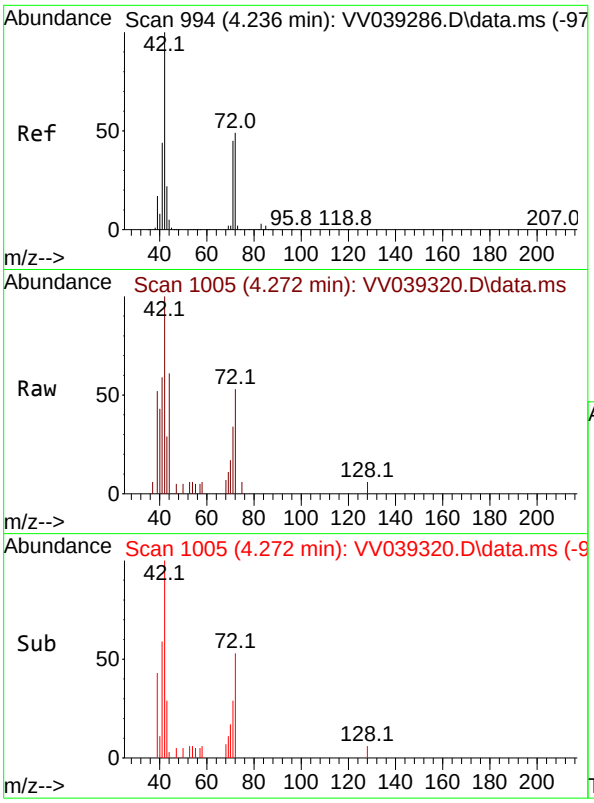


#8
Diethyl Ether
Concen: 1.080 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 74 Resp: 7972

Ion	Ratio	Lower	Upper
74	100		
45	101.8	45.9	137.7

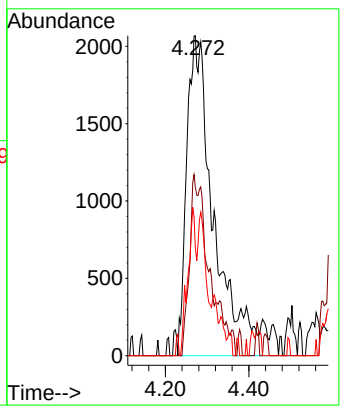




#29
Tetrahydrofuran
Concen: 1.952 ug/l m
RT: 4.272 min Scan# 1
Delta R.T. 0.036 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 42 Resp: 965

Ion	Ratio	Lower	Upper
42	100		
72	17.0	39.8	59.8#
71	13.6	36.5	54.7#



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
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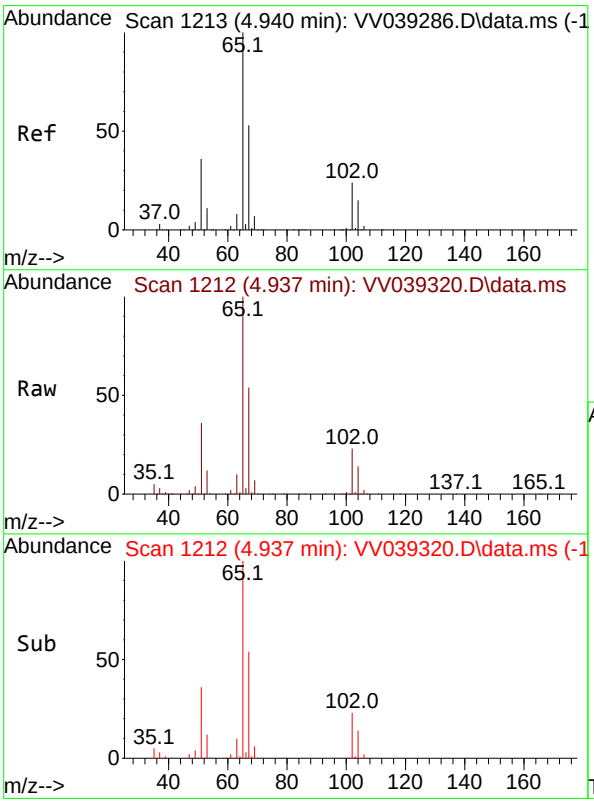
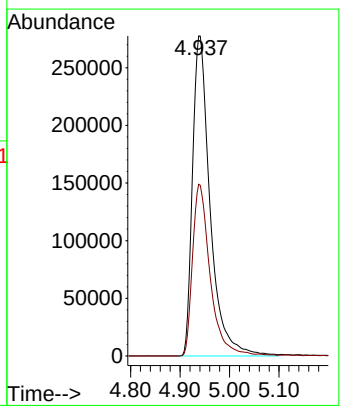
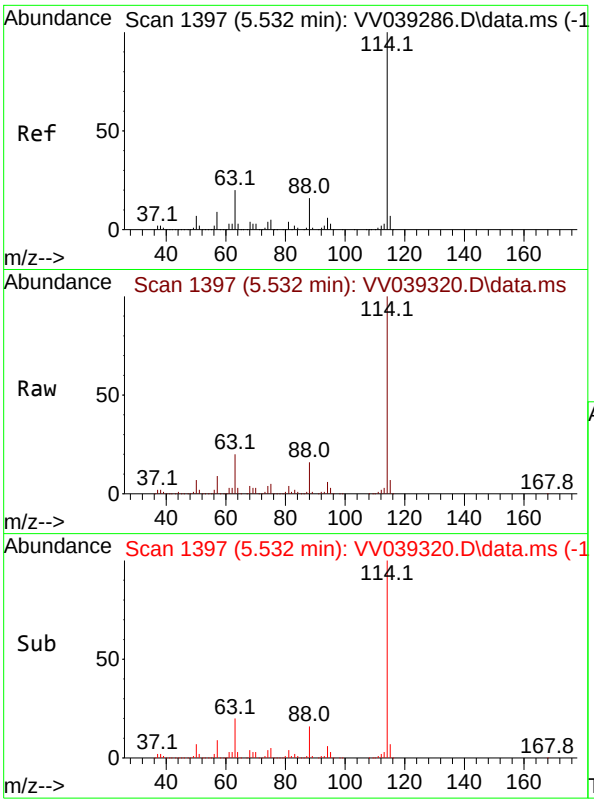


#33
1,2-Dichloroethane-d4
Concen: 54.372 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 65 Resp: 687885

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

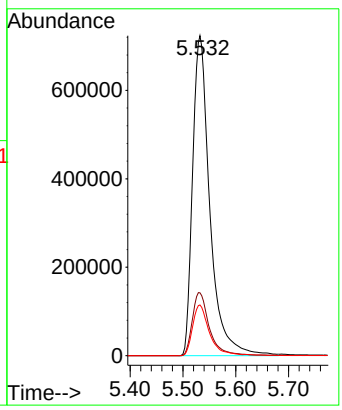
Tgt Ion:114 Resp: 164133

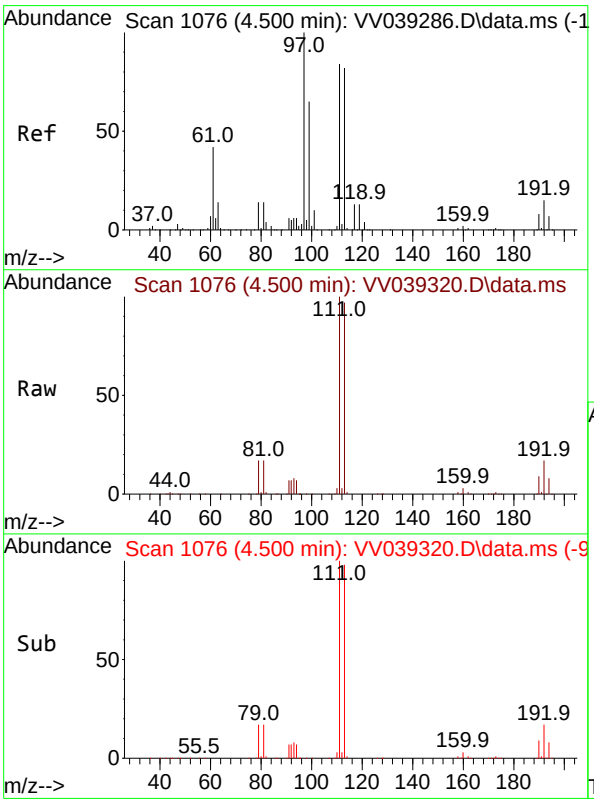
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.9	0.0	31.6

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

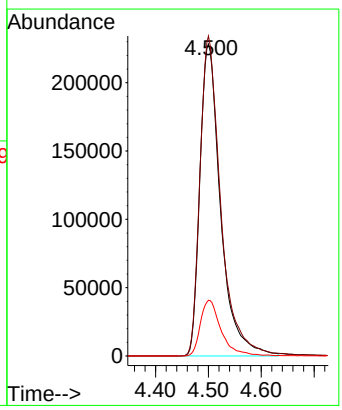


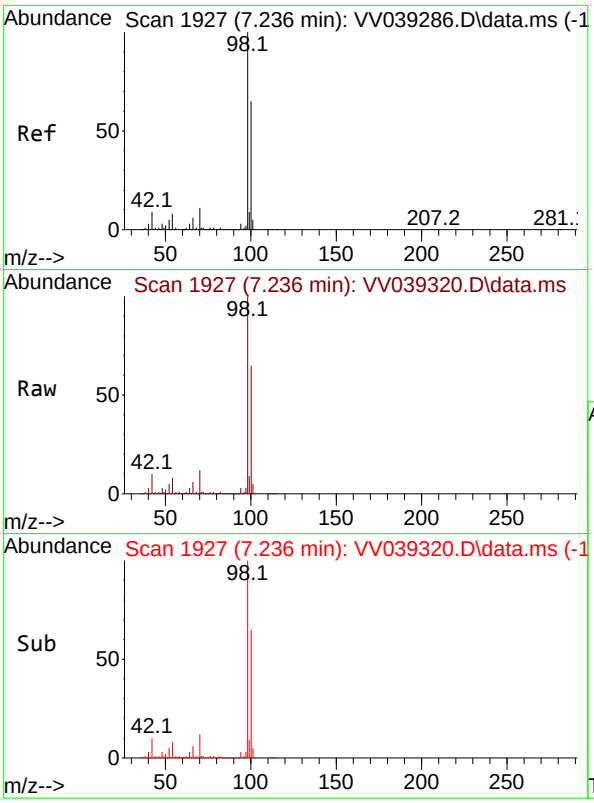


#35
Dibromofluoromethane
Concen: 47.906 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:113 Resp: 619545

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	17.9	14.3	21.5

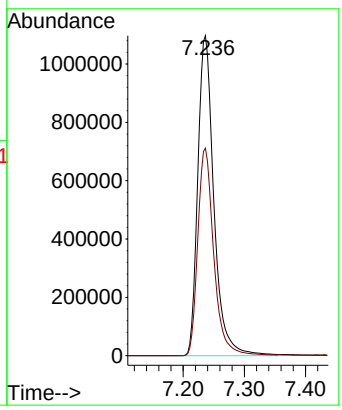




#50
Toluene-d8
Concen: 45.572 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 98 Resp: 200498

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
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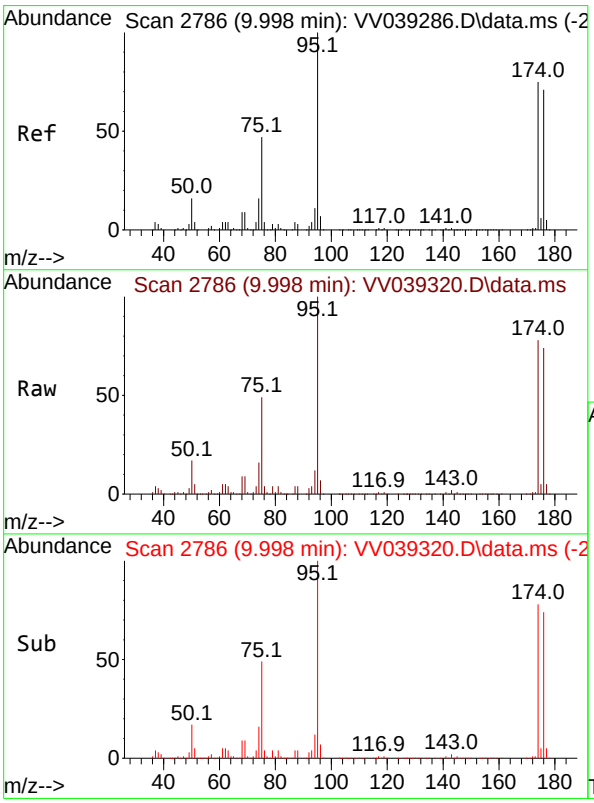
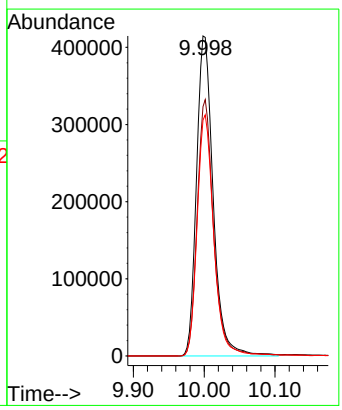
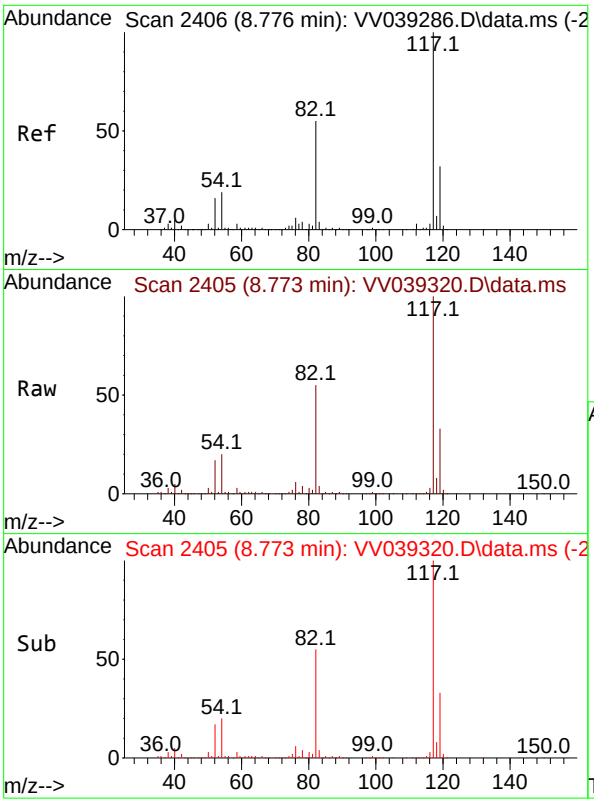


#62
4-Bromofluorobenzene
Concen: 43.377 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 95 Resp: 679654

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	153.6
176	75.0	0.0	146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

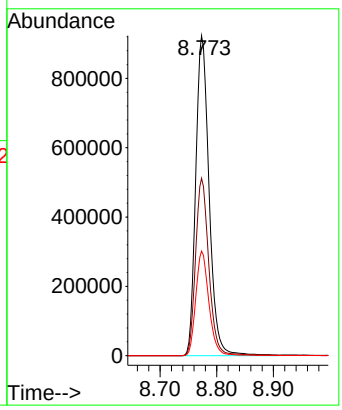
Tgt Ion:117 Resp: 151475

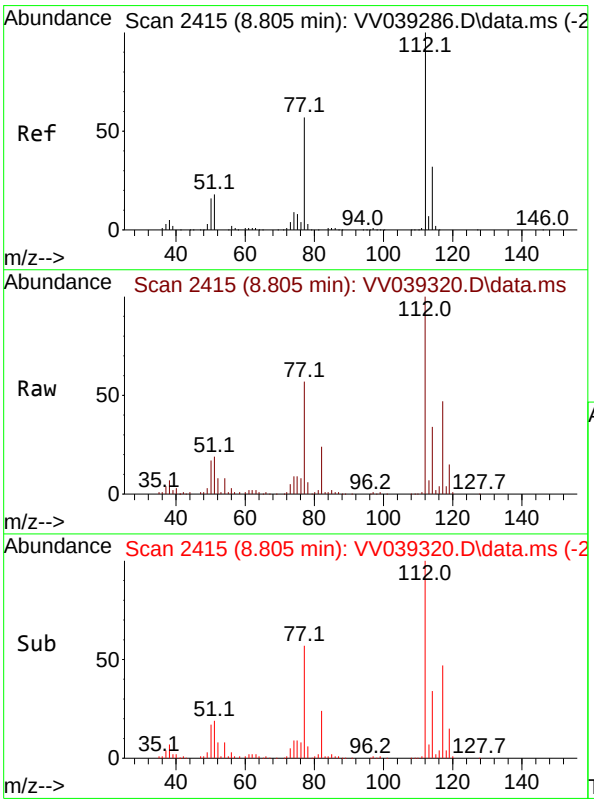
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	32.7	25.8	38.6

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

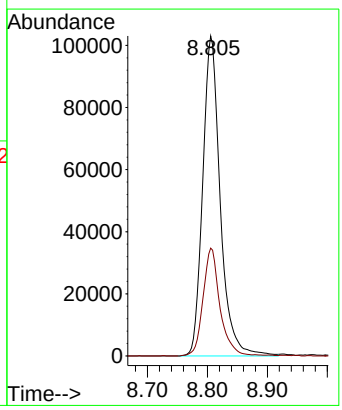


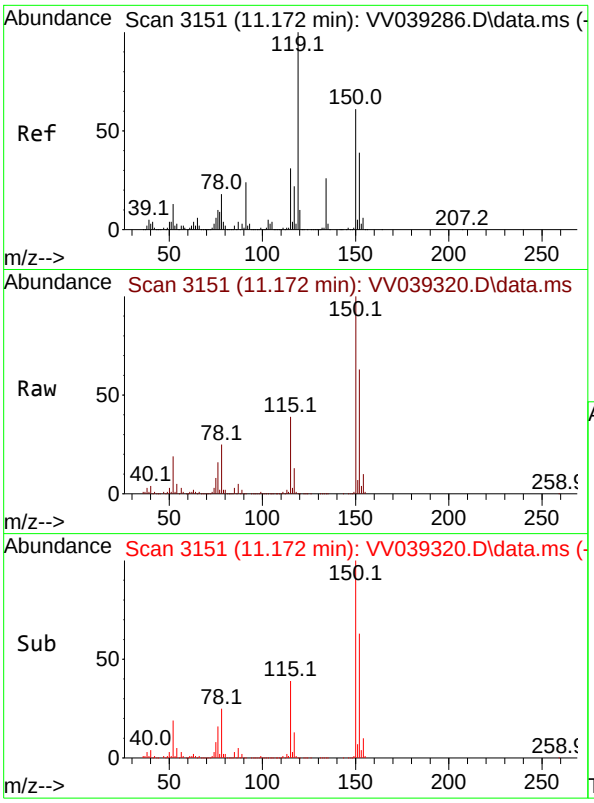


#65
Chlorobenzene
Concen: 5.855 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:112 Resp: 209972

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.7	38.5

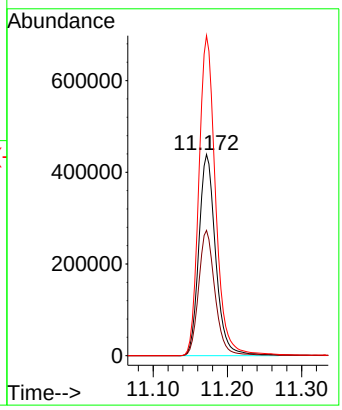




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:152 Resp: 68797

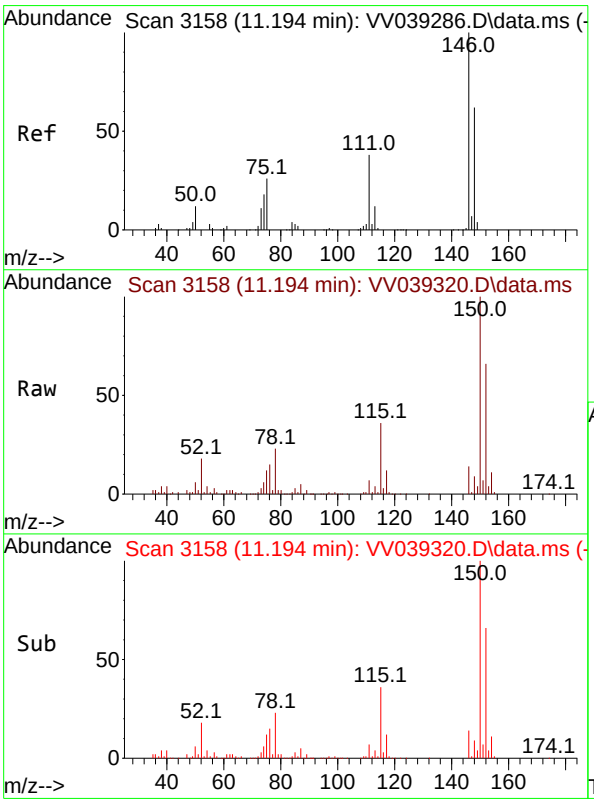
Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.3	126.8
150	159.2	0.0	348.0



Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Manual Integrations
APPROVED

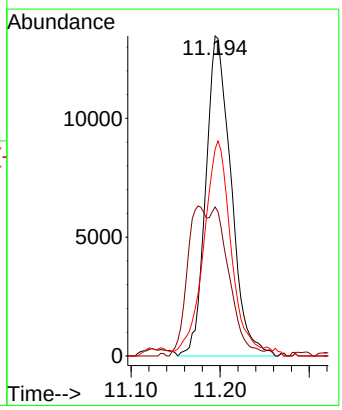
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#88
1,4-Dichlorobenzene
Concen: 1.035 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:146 Resp: 26527

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.0#
148	74.3	31.5	94.5



Sample Results: **VV039320.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039320.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.204	40	51	174	rBV	4546432	17106171	100.00%	37.689%
2	4.500	1059	1076	1094	rBV	741113	1931035	11.29%	4.255%
3	4.597	1095	1106	1151	rVB	1005659	2771517	16.20%	6.106%
4	4.937	1200	1212	1256	rBV	786917	1931923	11.29%	4.256%
5	5.532	1384	1397	1444	rBV	1659766	3805681	22.25%	8.385%
6	7.236	1914	1927	1969	rBV	2816143	5218406	30.51%	11.497%
7	8.773	2393	2405	2448	rBV	2732337	5115021	29.90%	11.270%
8	10.002	2776	2787	2818	rBV	1980656	3278748	19.17%	7.224%
9	11.172	3138	3151	3190	rBV	2619741	4229243	24.72%	9.318%

Sum of corrected areas: 45387745

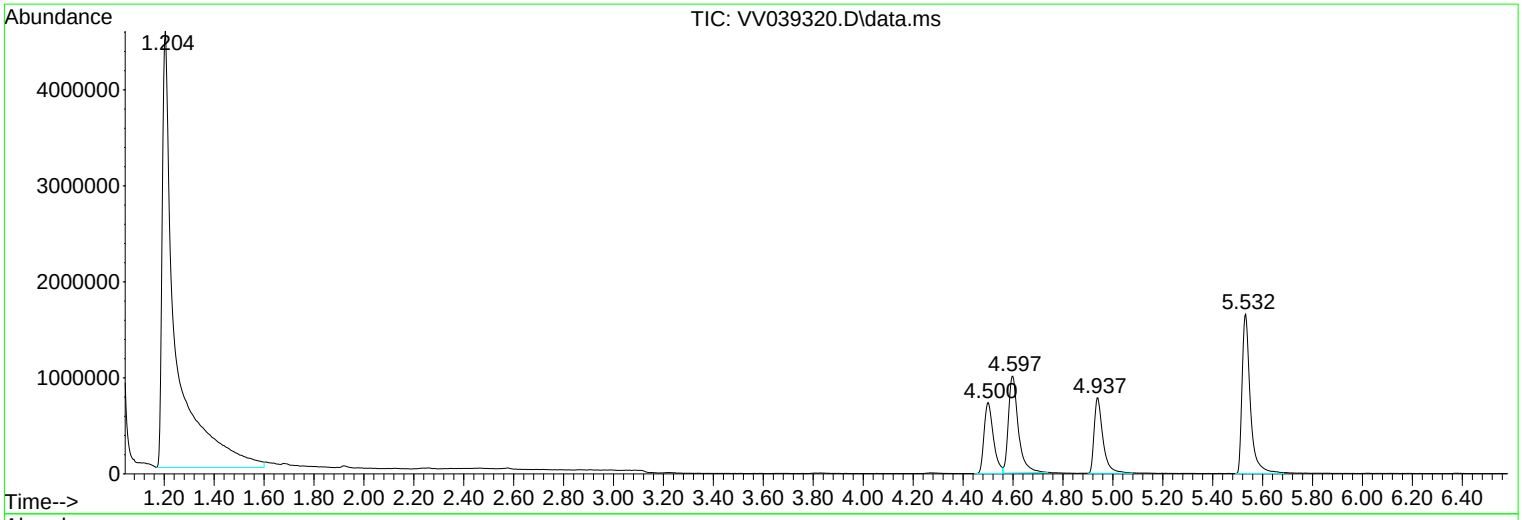
Sample Results: **VV039320.D**

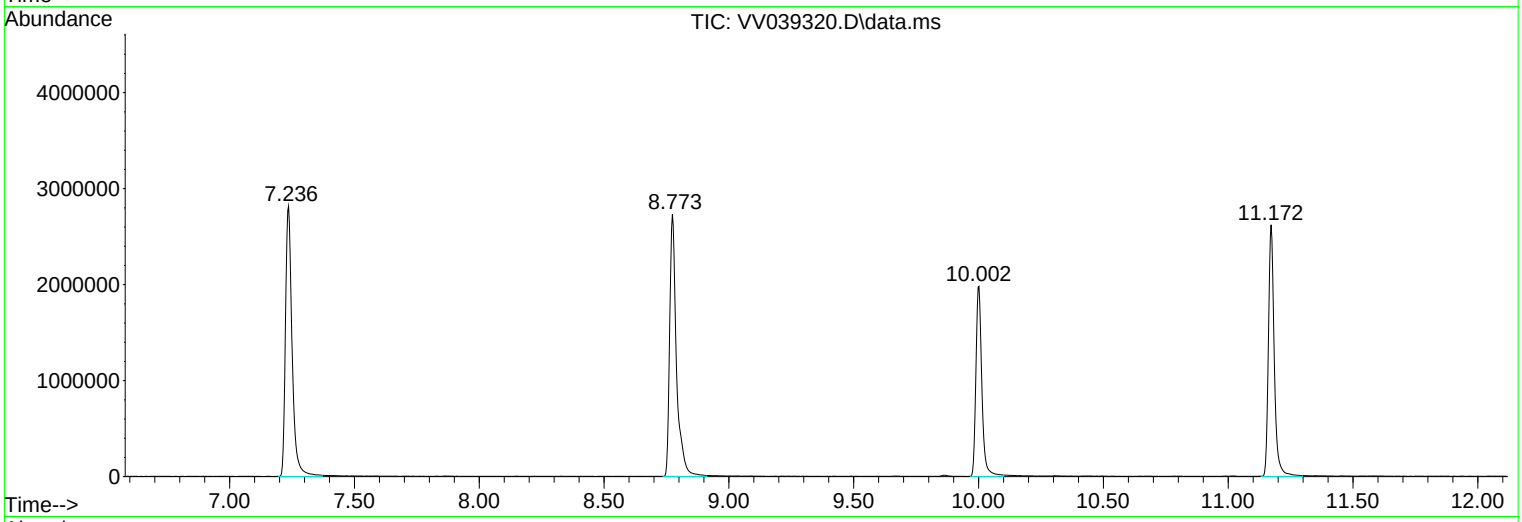
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

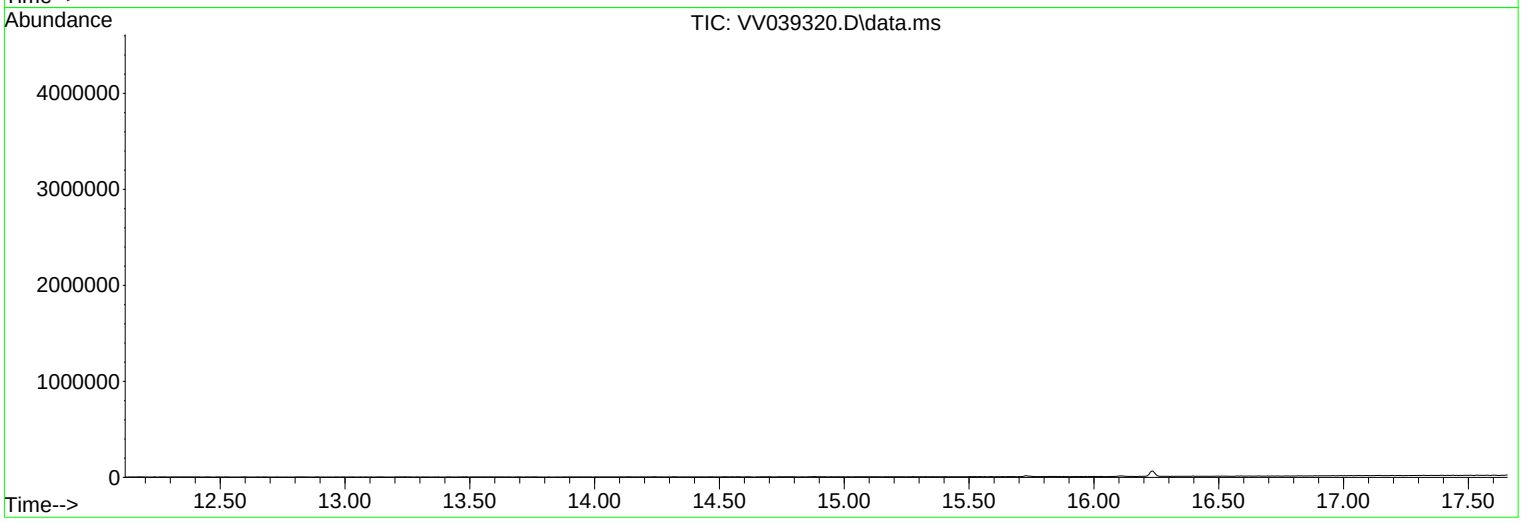
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039320.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039320.D
Acq On : 04 Nov 2025 17:24
Operator : SY/MD
Sample : Q3534-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Quant Time: Nov 05 00:38:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

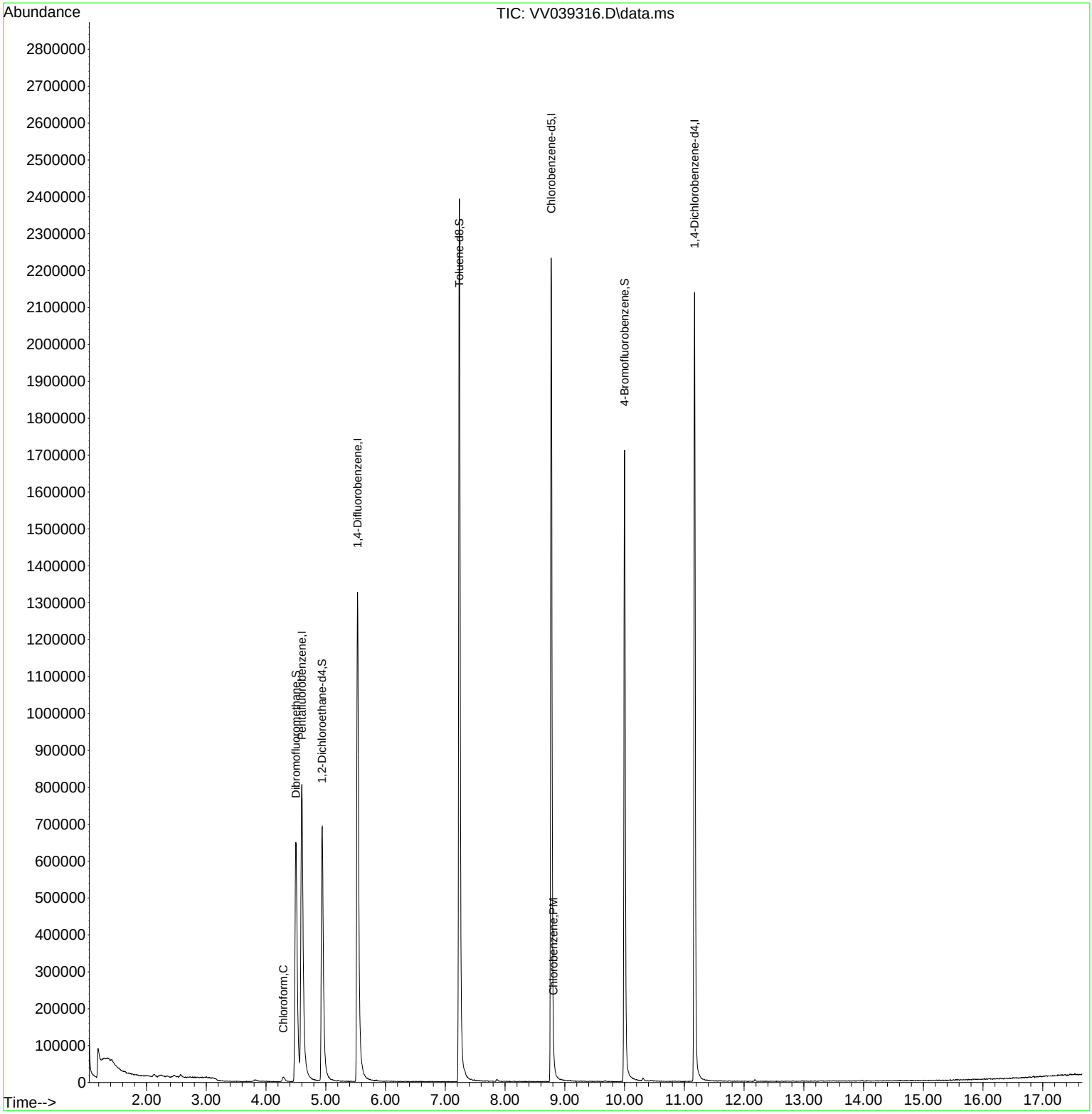
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	711203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1312588	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1267623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	578801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	620023	61.353	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 122.700%#			
35) Dibromofluoromethane	4.500	113	549147	53.097	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.200%			
50) Toluene-d8	7.236	98	1720807	48.909	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.820%			
62) 4-Bromofluorobenzene	10.001	95	596656	47.617	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 95.240%			
Target Compounds						Qvalue
30) Chloroform	4.291	83	14184	0.761	ug/l	96
65) Chlorobenzene	8.812	112	17643	0.588	ug/l	95

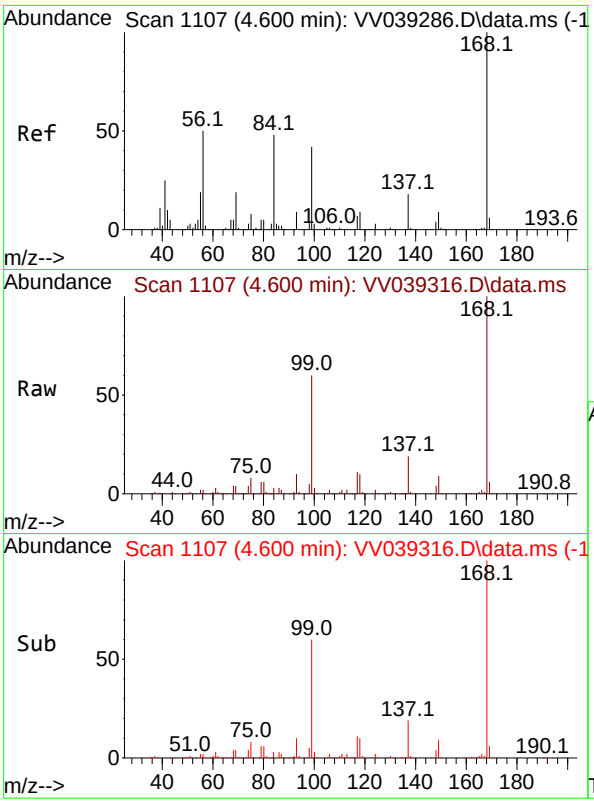
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Quant Time: Nov 05 00:38:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



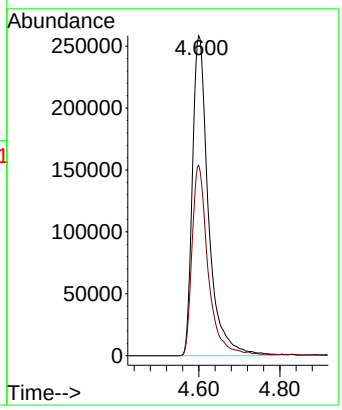


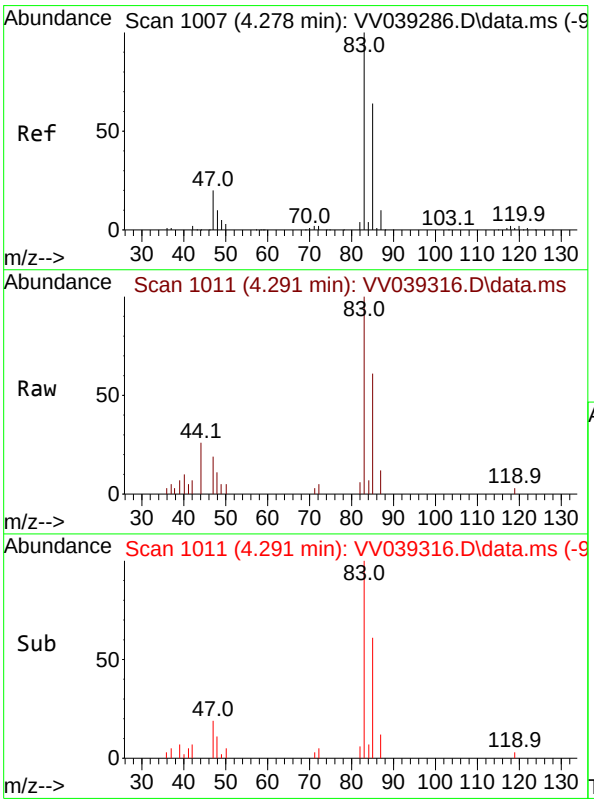
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Tgt Ion:168 Resp: 711203

Ion	Ratio	Lower	Upper
168	100		
99	59.5	46.6	70.0

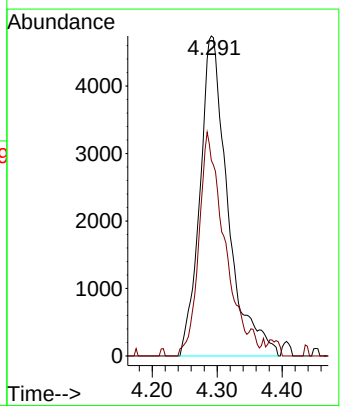


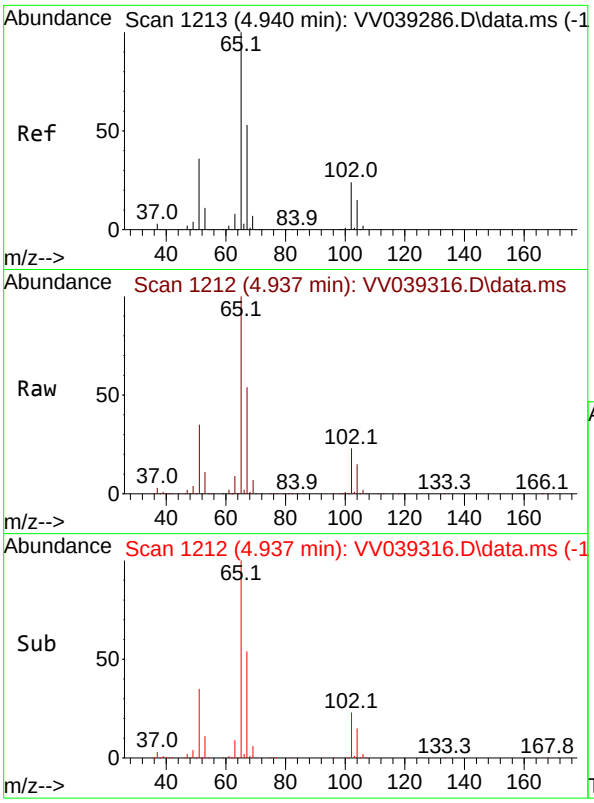


#30
Chloroform
Concen: 0.761 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Tgt Ion: 83 Resp: 14184

Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.1	76.7



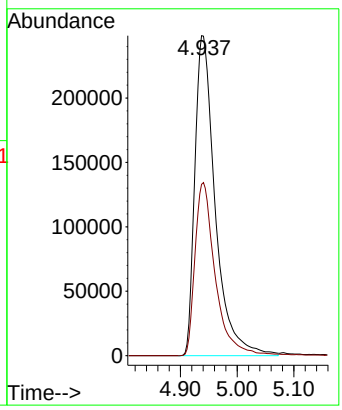


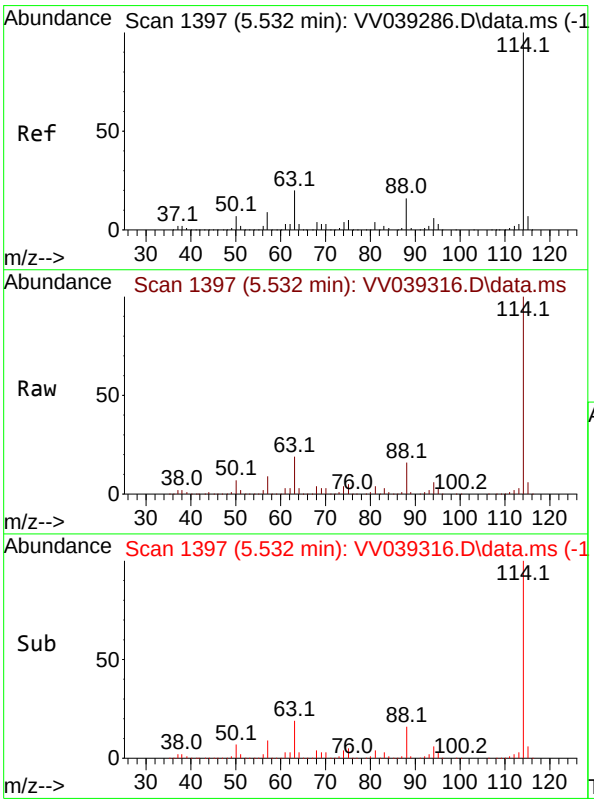
#33
1,2-Dichloroethane-d4
Concen: 61.353 ug/l
RT: 4.937 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Tgt Ion: 65 Resp: 620023

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.4

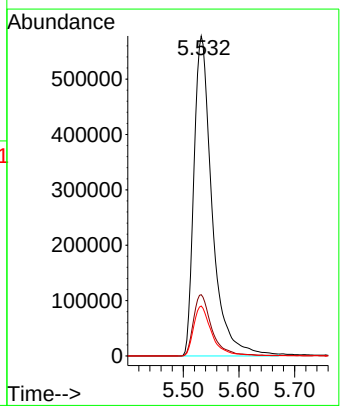


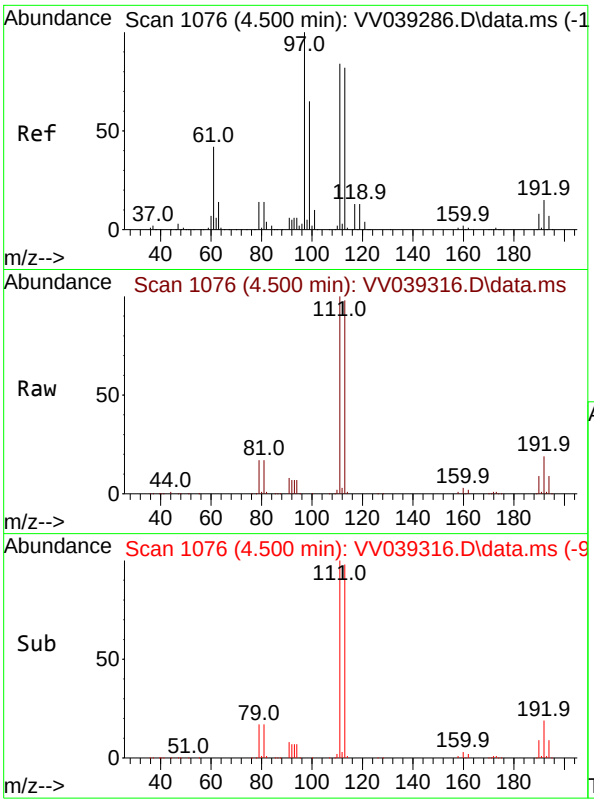


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Tgt Ion:114 Resp: 1312588

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.6	0.0	31.6



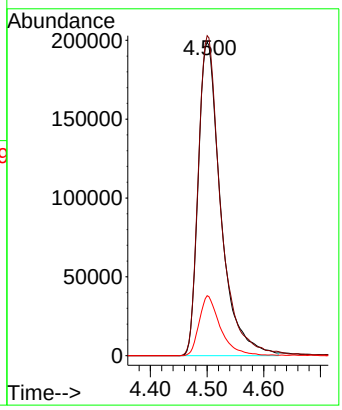


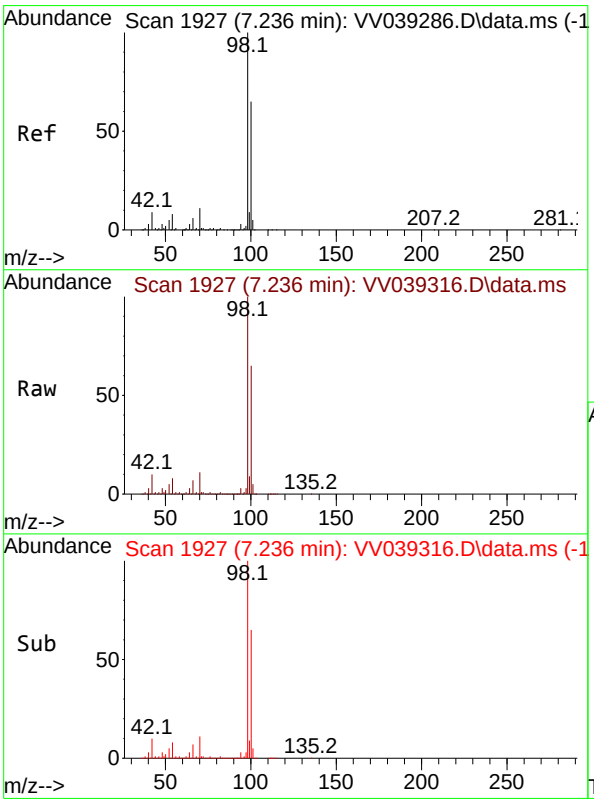
#35
Dibromofluoromethane
Concen: 53.097 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Tgt Ion:113 Resp: 549147

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	18.1	14.3	21.5

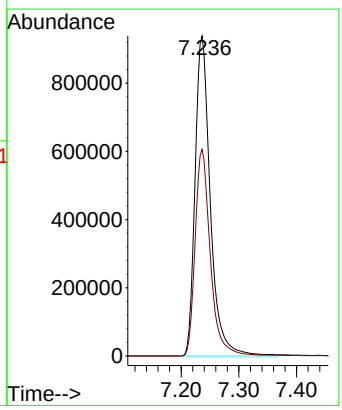


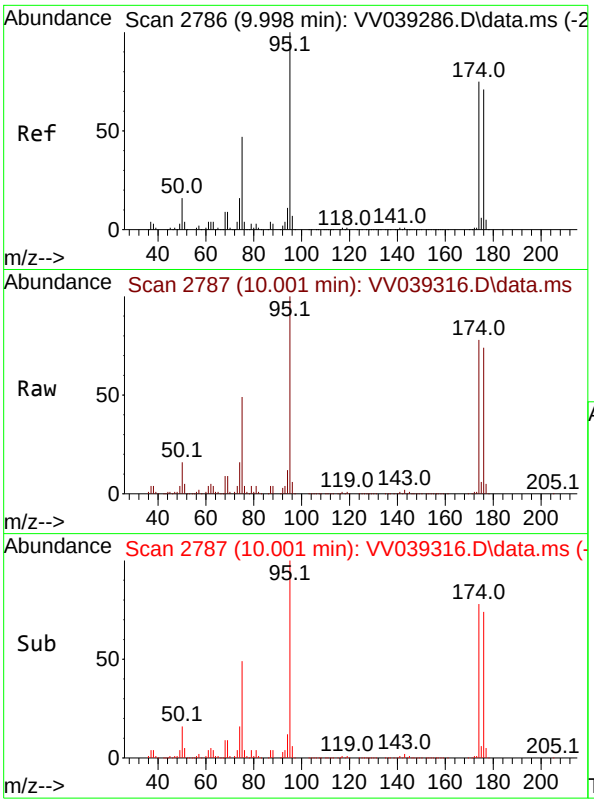


#50
Toluene-d8
Concen: 48.909 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Tgt Ion: 98 Resp: 1720807

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2



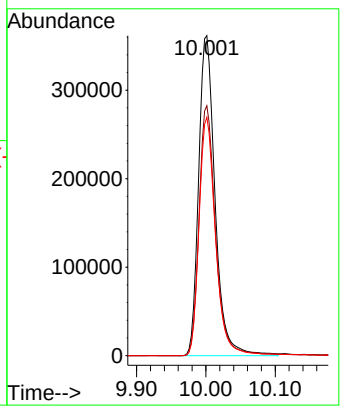


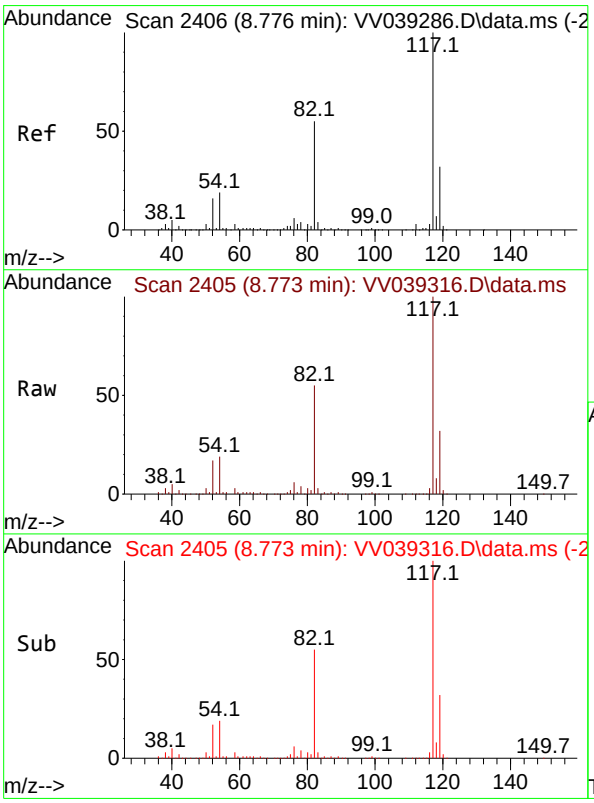
#62
4-Bromofluorobenzene
Concen: 47.617 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Tgt Ion: 95 Resp: 596656

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	153.6
176	75.0	0.0	146.0

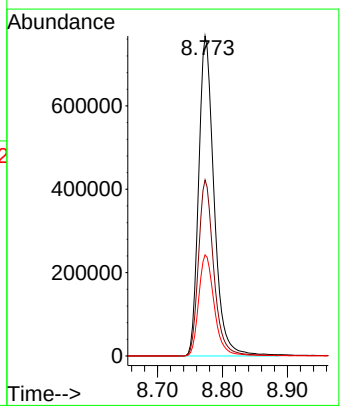


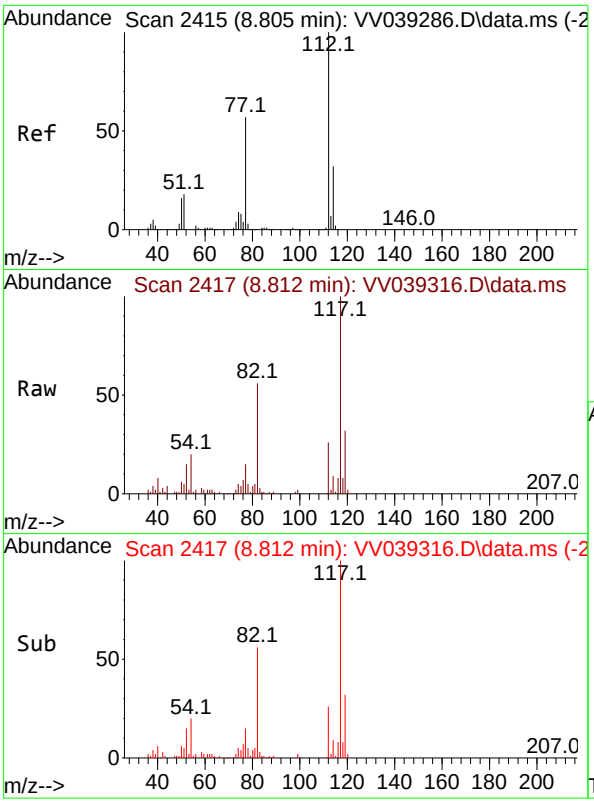


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Tgt Ion:117 Resp: 1267623

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	31.6	25.8	38.6



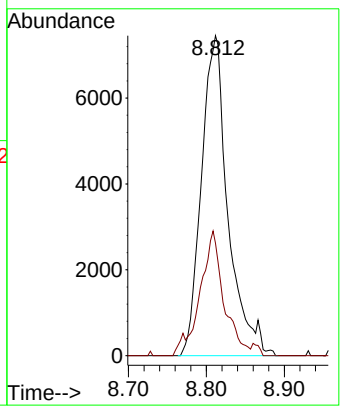


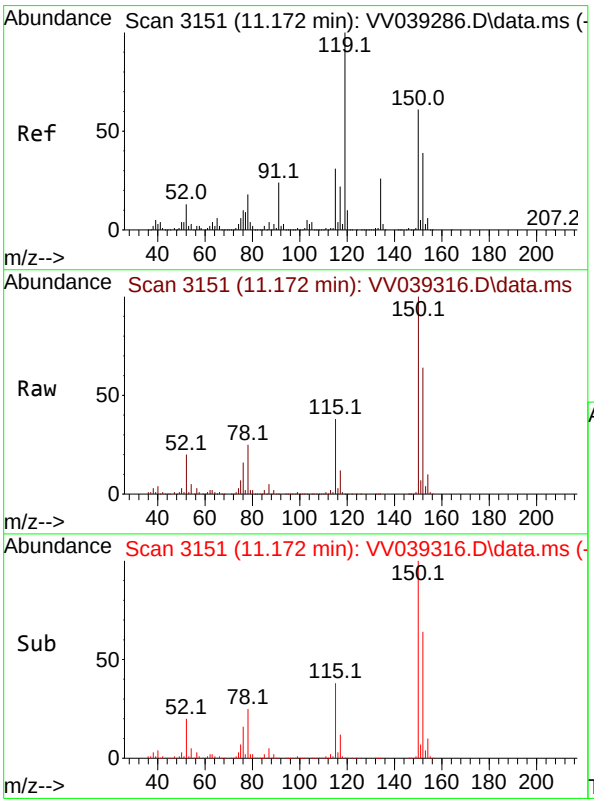
#65
Chlorobenzene
Concen: 0.588 ug/l
RT: 8.812 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Tgt Ion:112 Resp: 17643

Ion	Ratio	Lower	Upper
112	100		
114	35.2	25.7	38.5

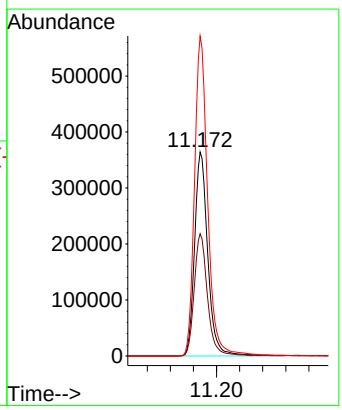




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039316.D
Acq: 04 Nov 2025 15:54

Tgt Ion:152 Resp: 578801

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.3	126.8
150	156.0	0.0	348.0



Sample Results: **VV039316.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	39	46	62	rBV	77764	230667	5.16%	0.982%
2	4.500	1061	1076	1095	rBV	648128	1708681	38.24%	7.274%
3	4.600	1095	1107	1152	rVB2	798101	2207904	49.41%	9.399%
4	4.940	1200	1213	1253	rBV	687792	1722374	38.55%	7.332%
5	5.532	1385	1397	1439	rBV	1326099	3051119	68.28%	12.988%
6	7.236	1915	1927	1964	rBV	2392315	4468391	100.00%	19.021%
7	8.773	2394	2405	2440	rBV	2232490	3783271	84.67%	16.105%
8	10.001	2776	2787	2828	rBV	1710676	2898741	64.87%	12.339%
9	11.172	3139	3151	3189	rBV	2137908	3420476	76.55%	14.560%

Sum of corrected areas: 23491624

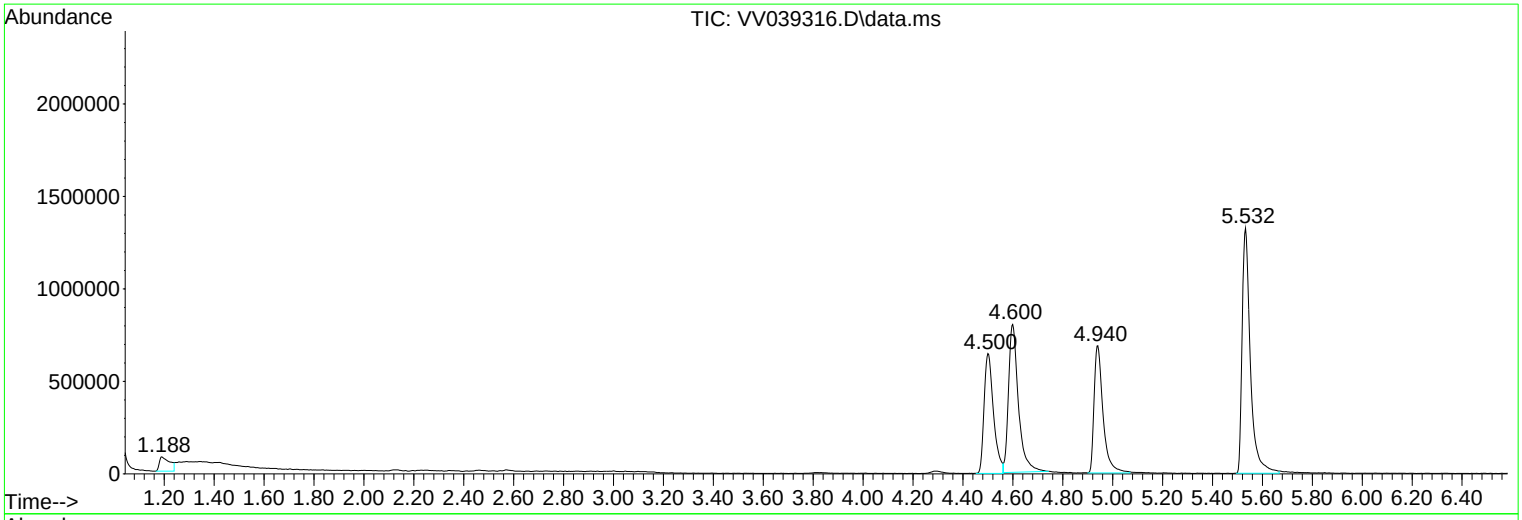
Sample Results: **VV039316.D**

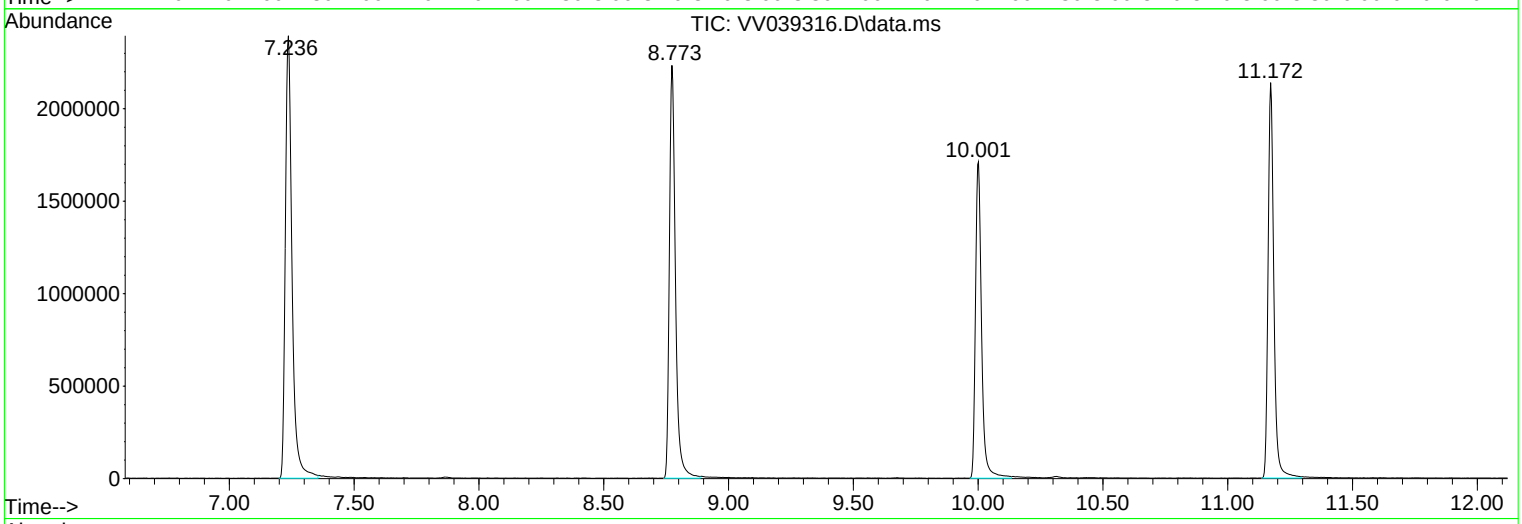
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

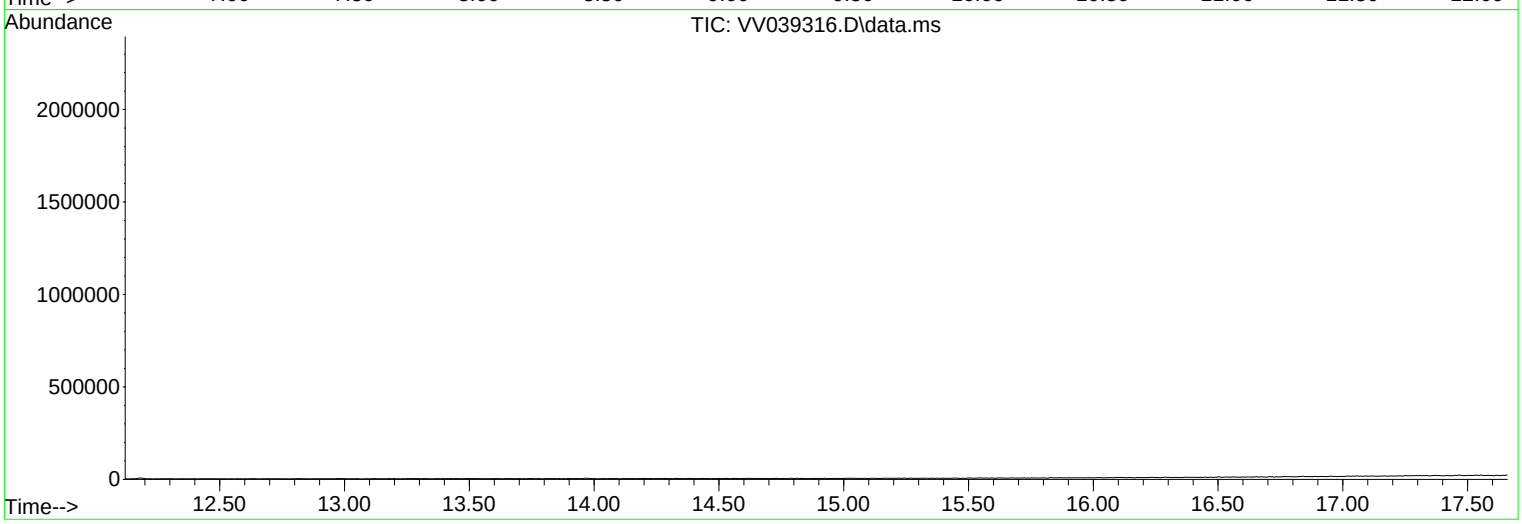
Instrument :
MSVOA_V
ClientSampleId :
FB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039316.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039316.D
Acq On : 04 Nov 2025 15:54
Operator : SY/MD
Sample : Q3534-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
FB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Quant Time: Nov 05 00:38:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	597120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1091584	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1047699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	472586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	495700	58.422	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 116.840%			
35) Dibromofluoromethane	4.500	113	436380	50.737	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.480%			
50) Toluene-d8	7.236	98	1360687	46.504	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.000%			
62) 4-Bromofluorobenzene	10.001	95	462779	44.410	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.820%			

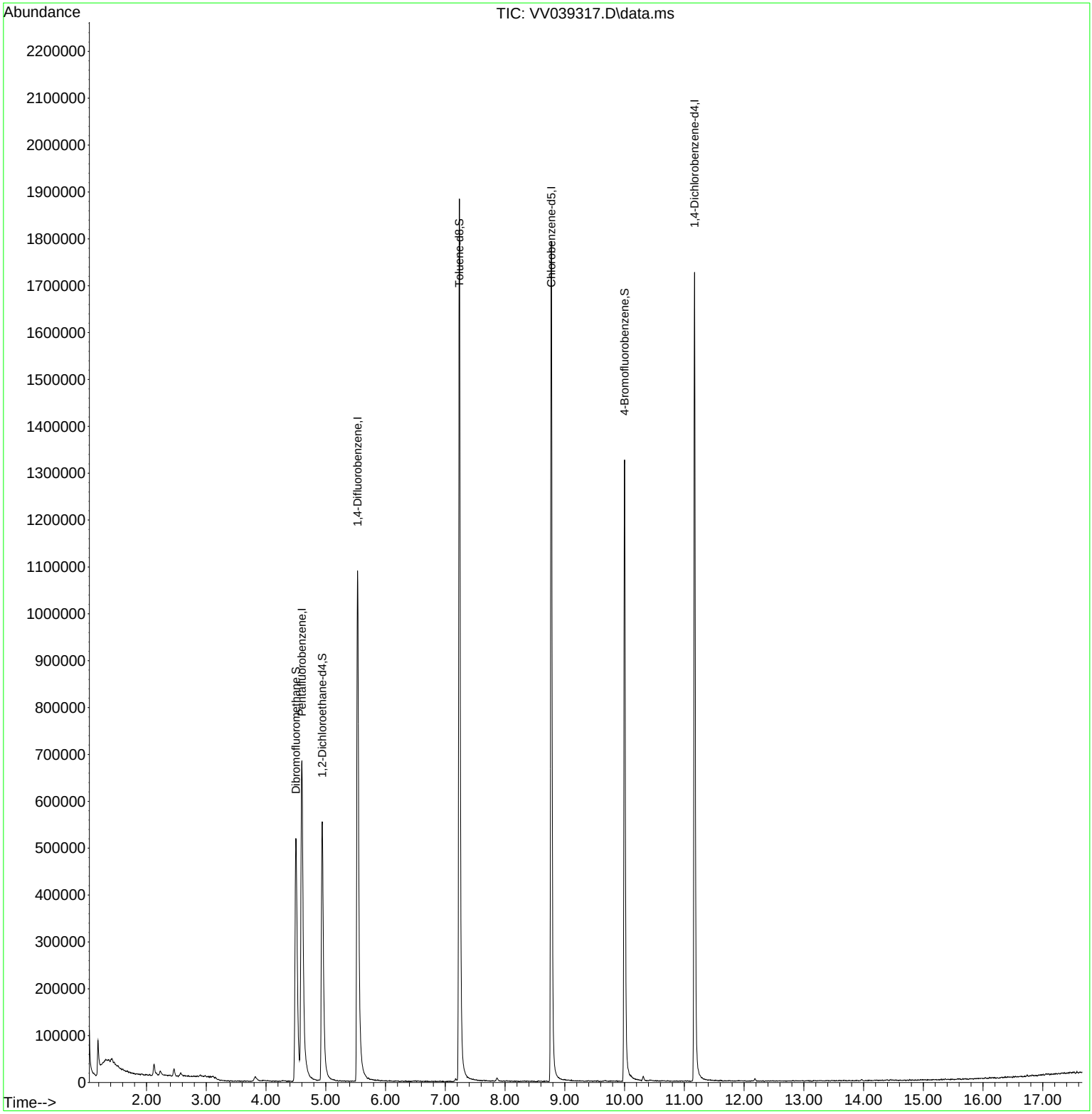
Target Compounds Qvalue

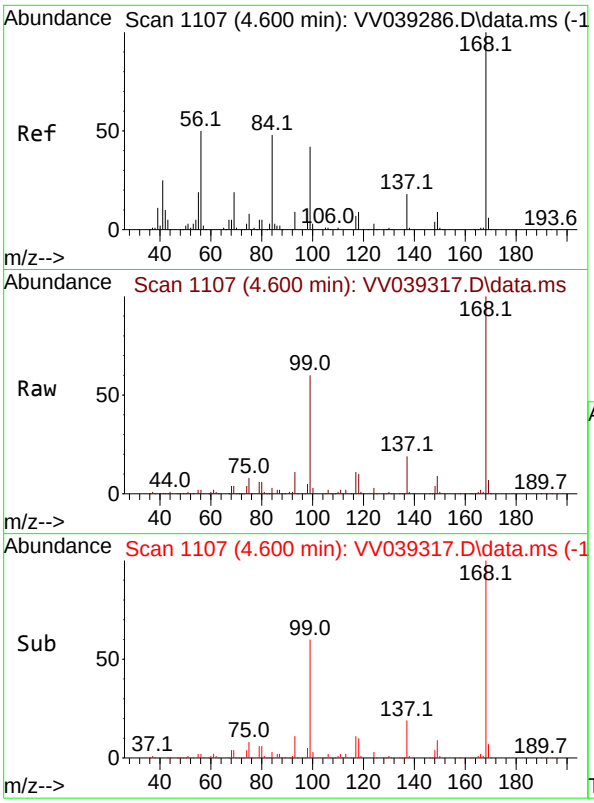
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Quant Time: Nov 05 00:38:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



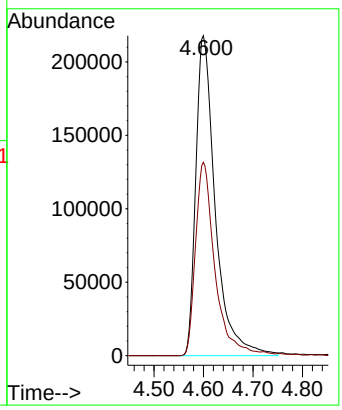


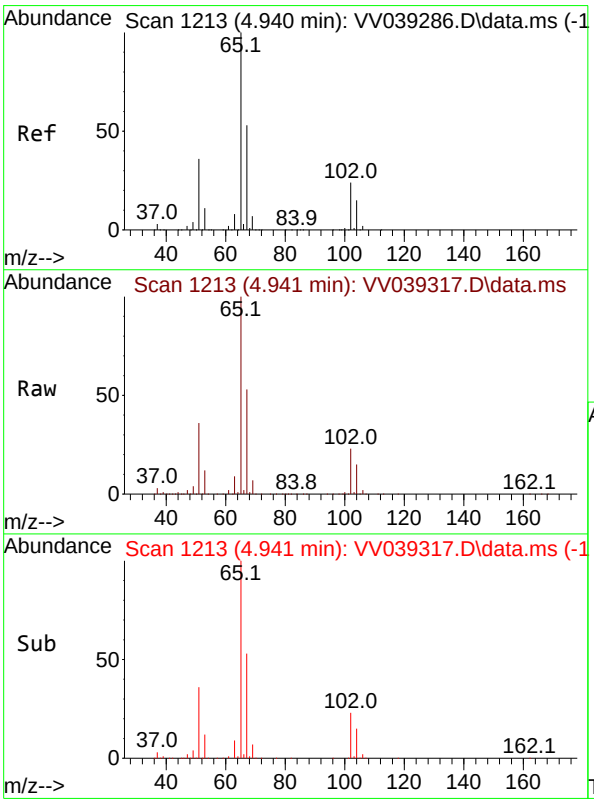
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Tgt Ion:168 Resp: 597120

Ion	Ratio	Lower	Upper
168	100		
99	60.4	46.6	70.0

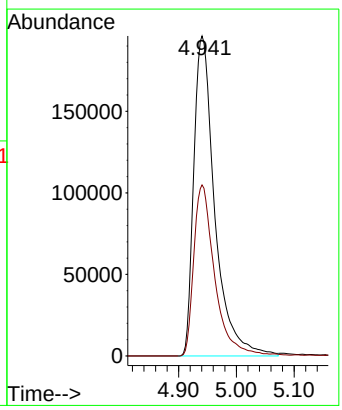


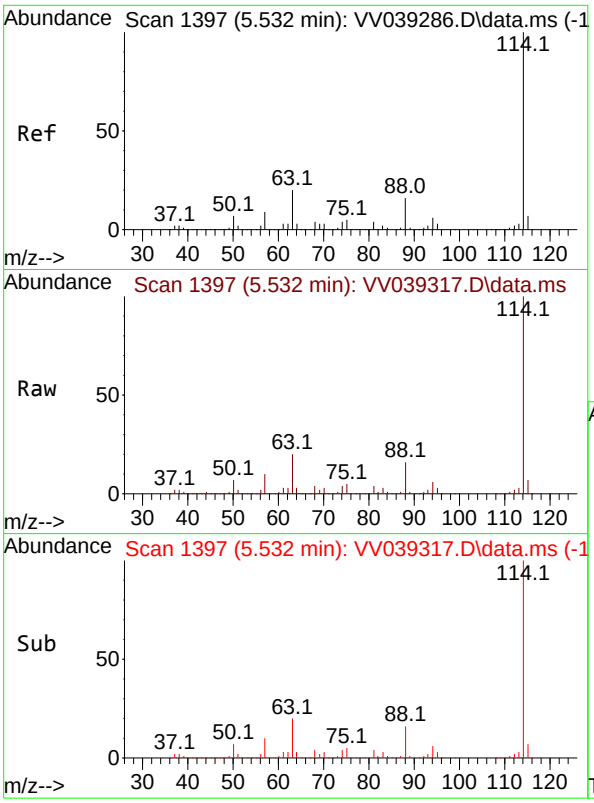


#33
1,2-Dichloroethane-d4
Concen: 58.422 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Tgt Ion: 65 Resp: 495700

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.4



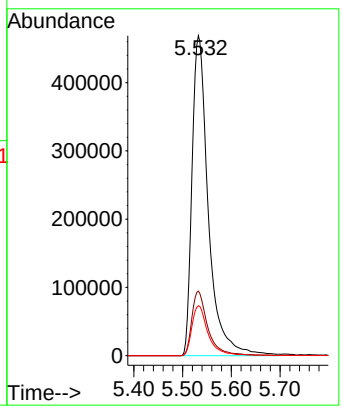


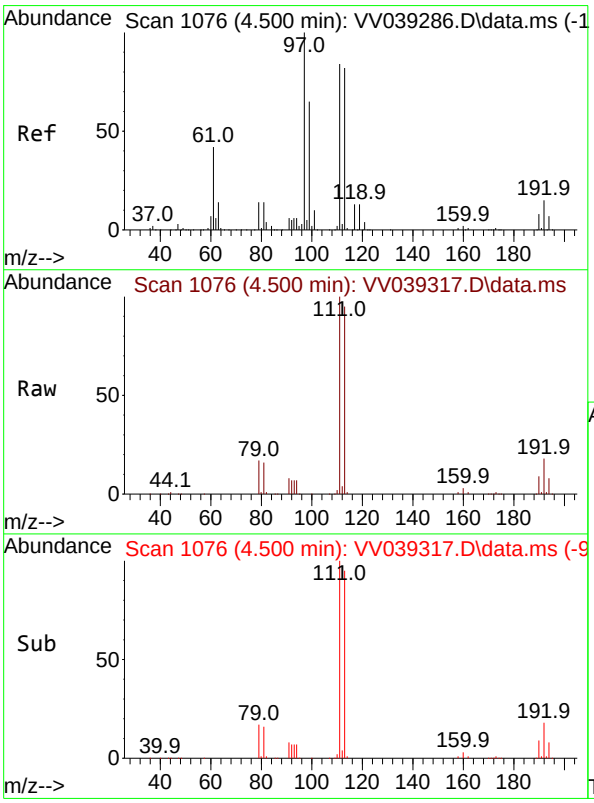
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Tgt Ion:114 Resp: 1091584

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.6	0.0	31.6

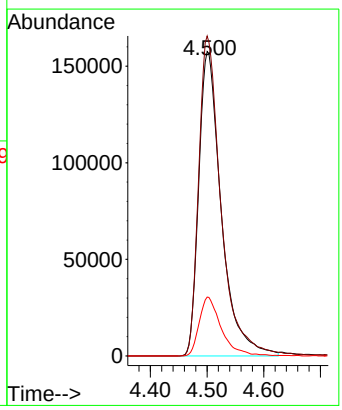


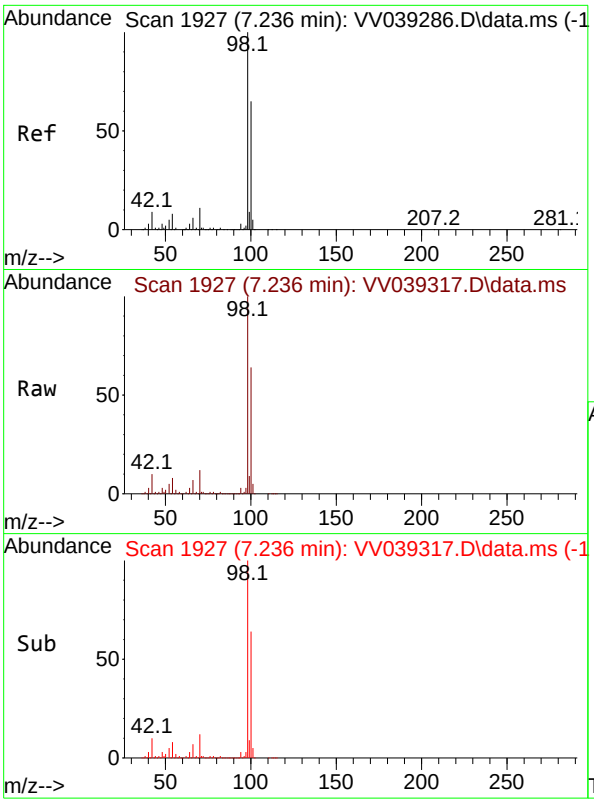


#35
Dibromofluoromethane
Concen: 50.737 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Tgt Ion:113 Resp: 436380

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	18.9	14.3	21.5



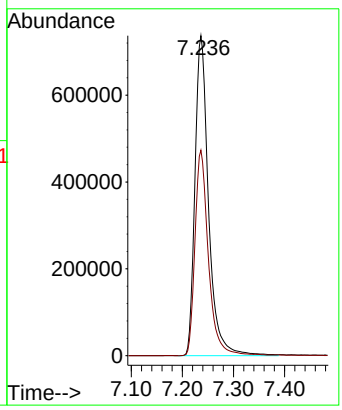


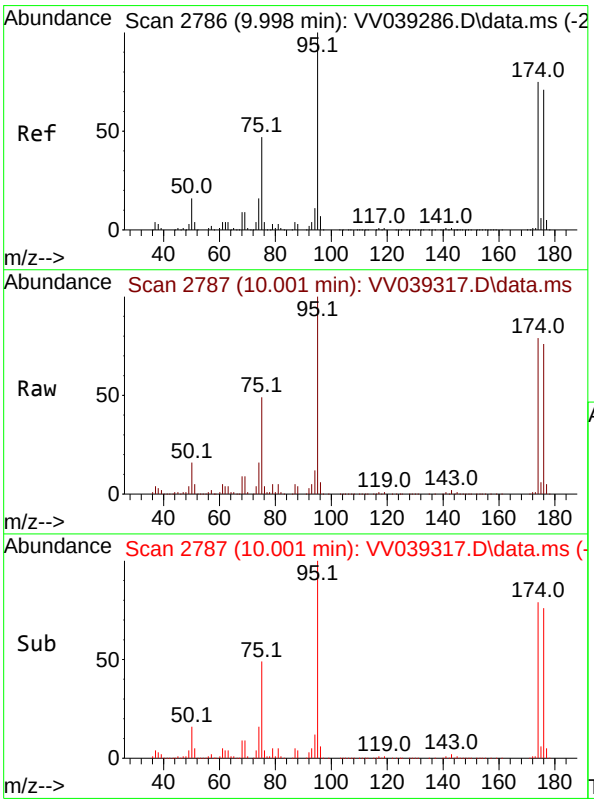
#50
Toluene-d8
Concen: 46.504 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Tgt Ion: 98 Resp: 1360687

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.8	79.2

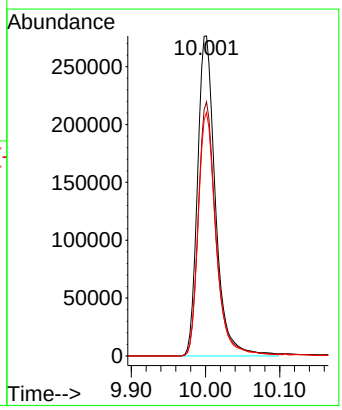


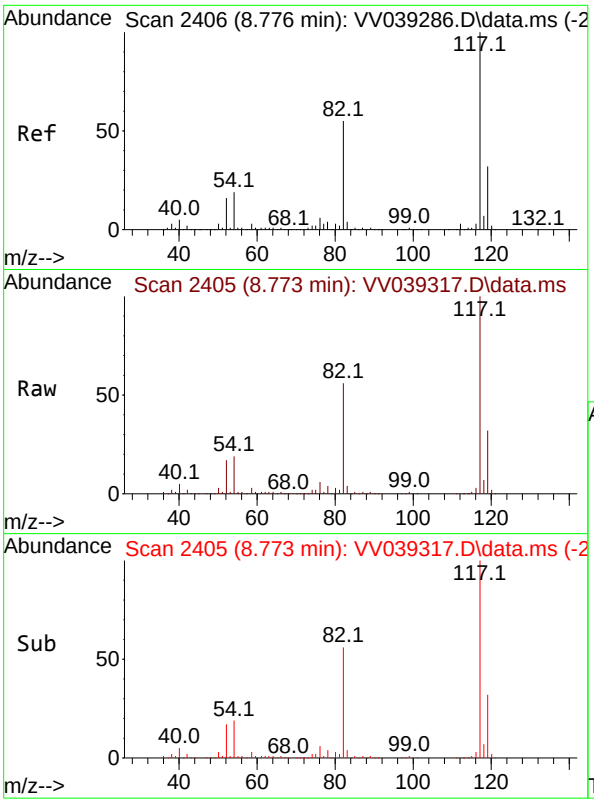


#62
4-Bromofluorobenzene
Concen: 44.410 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Tgt Ion: 95 Resp: 462779

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	153.6
176	75.6	0.0	146.0



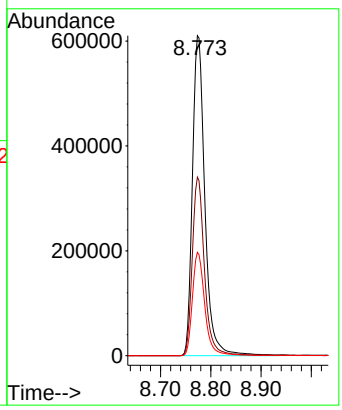


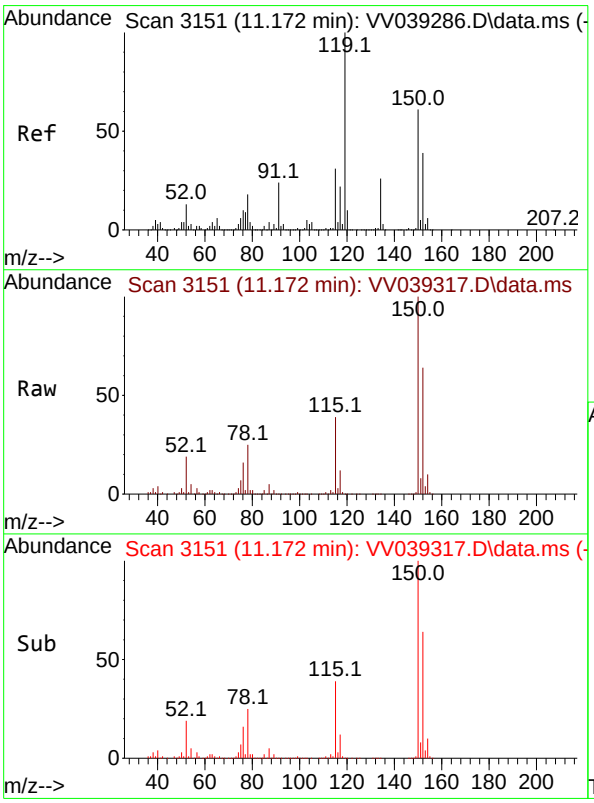
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Tgt Ion:117 Resp: 1047699

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.8	65.8
119	32.3	25.8	38.6

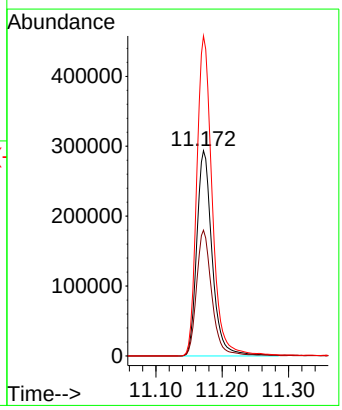




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039317.D
Acq: 04 Nov 2025 16:17

Tgt Ion:152 Resp: 472586

Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.3	126.8
150	156.2	0.0	348.0



Sample Results: **VV039317.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	39	46	59	rBV	73376	136317	3.89%	0.716%
2	2.127	330	338	348	rBV	22084	37202	1.06%	0.195%
3	4.500	1059	1076	1095	rBV	518559	1375452	39.27%	7.226%
4	4.600	1095	1107	1151	rVB2	677652	1887423	53.89%	9.916%
5	4.941	1201	1213	1247	rBV	551819	1385494	39.56%	7.279%
6	5.532	1385	1397	1447	rBV	1089402	2570140	73.39%	13.503%
7	7.236	1915	1927	1967	rBV	1880617	3502142	100.00%	18.400%
8	8.773	2393	2405	2442	rBV	1791139	3085888	88.11%	16.213%
9	10.001	2776	2787	2819	rBV	1326092	2247371	64.17%	11.807%
10	11.172	3137	3151	3187	rBV	1726112	2806295	80.13%	14.744%

Sum of corrected areas: 19033724

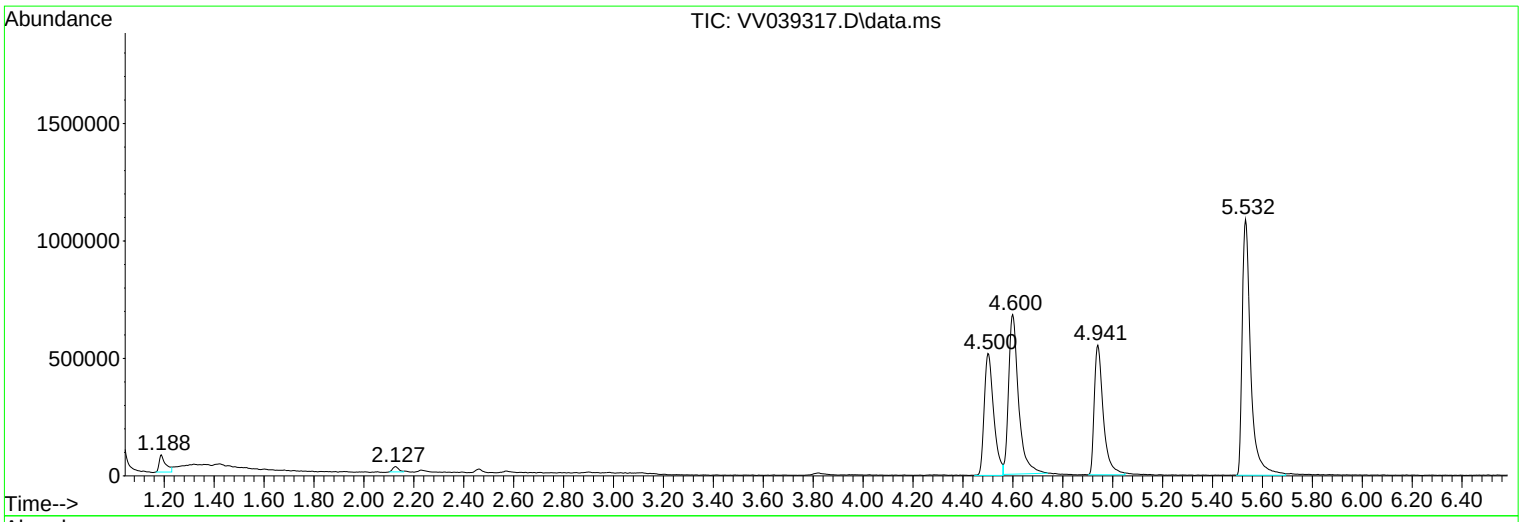
Sample Results: **VV039317.D**

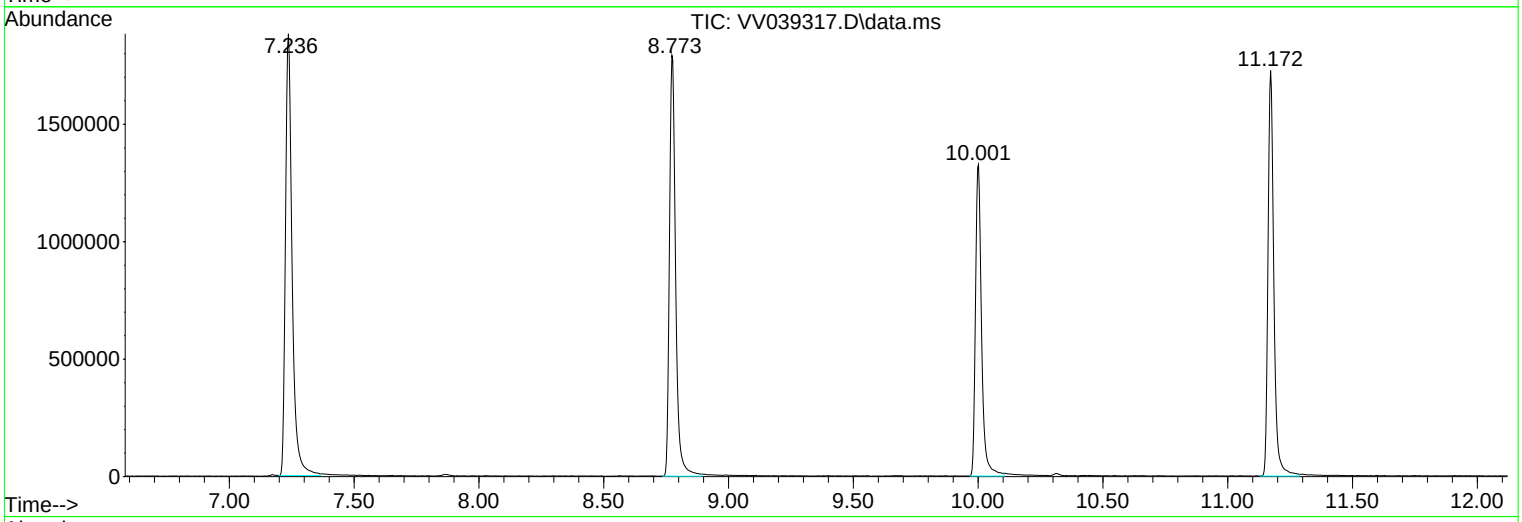
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

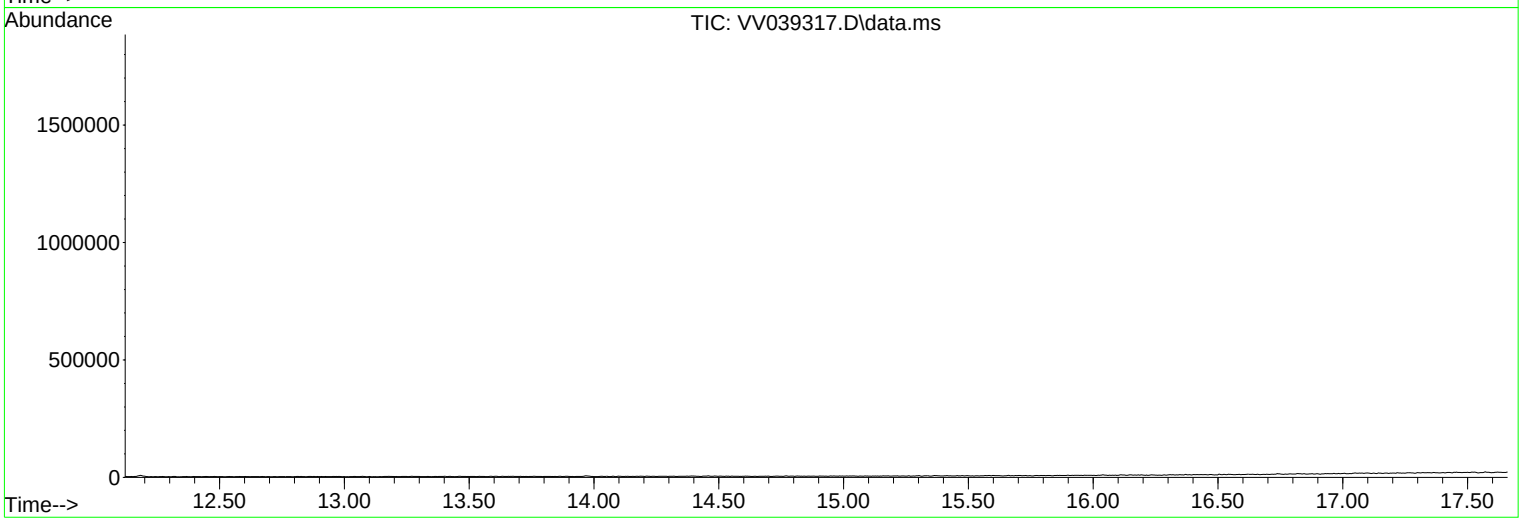
Instrument :
MSVOA_V
ClientSampleId :
EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039317.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039317.D
Acq On : 04 Nov 2025 16:17
Operator : SY/MD
Sample : Q3534-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Quant Time: Nov 05 00:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	1064589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1972523	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1793346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	828938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	878179	58.053	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 116.100%			
35) Dibromofluoromethane	4.497	113	782028	50.317	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.640%			
50) Toluene-d8	7.233	98	2570057	48.608	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.220%			
62) 4-Bromofluorobenzene	9.998	95	975805	51.821	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 103.640%			

Target Compounds Qvalue

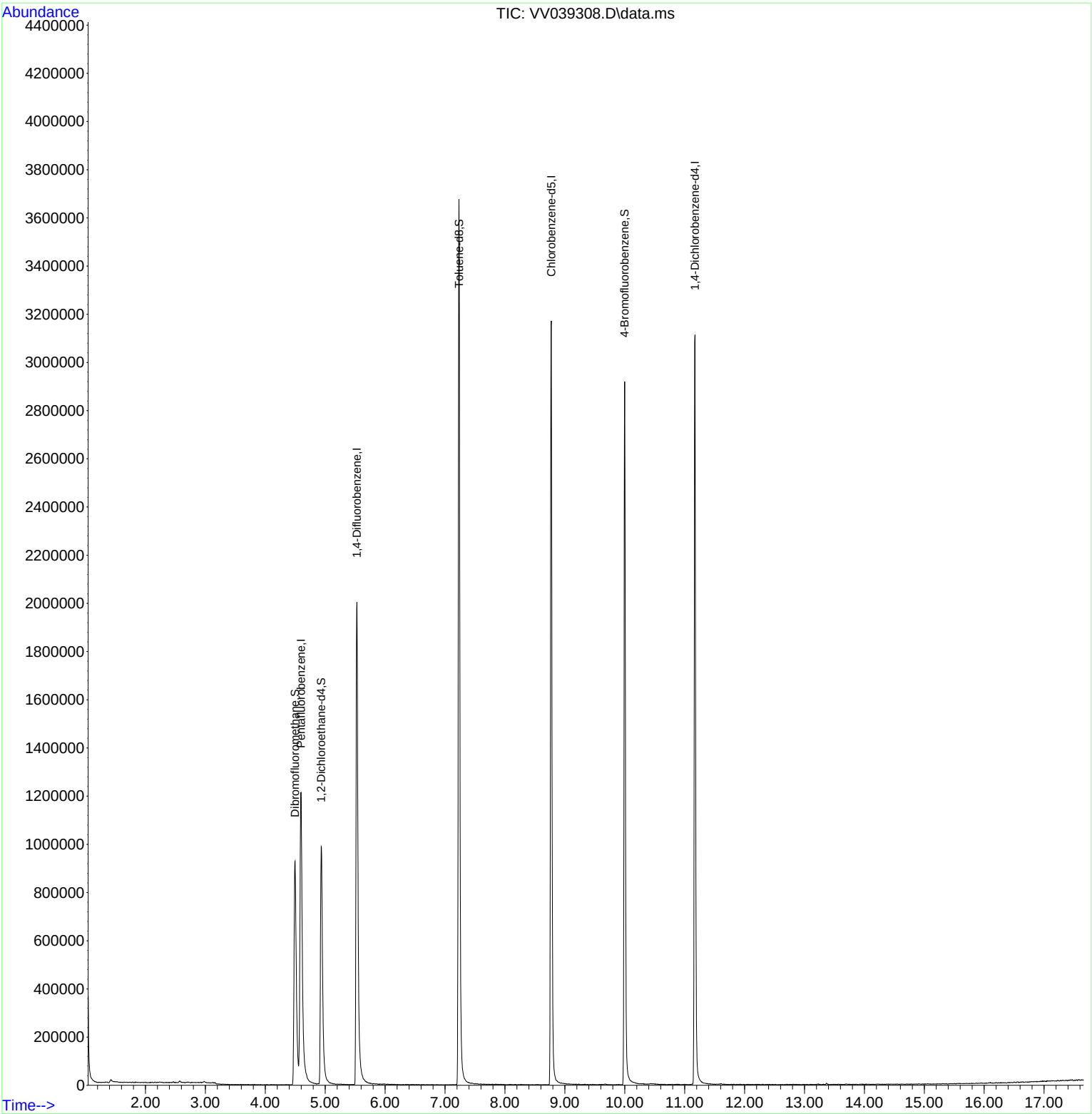
(#) = qualifier out of range (m) = manual integration (+) = signals summed

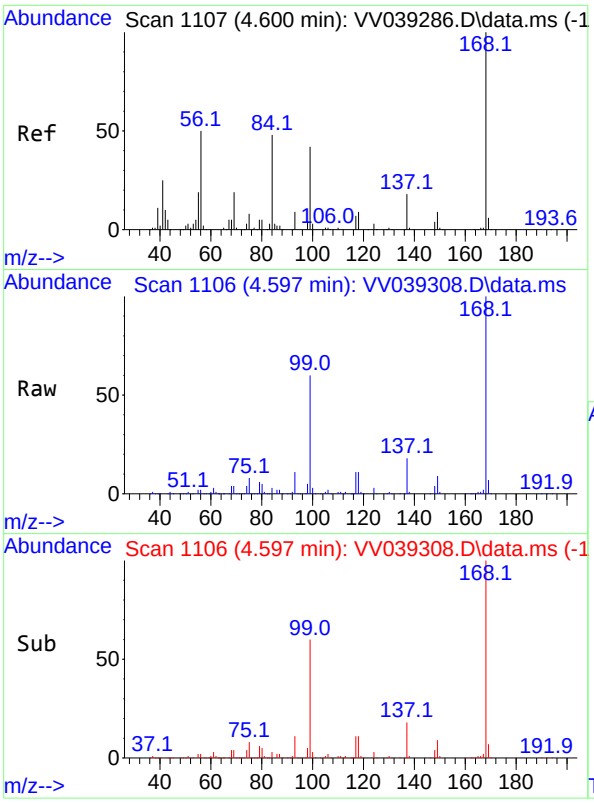
Sample Results: **VV039308.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Quant Time: Nov 05 00:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



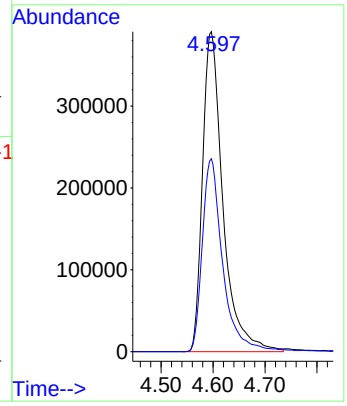


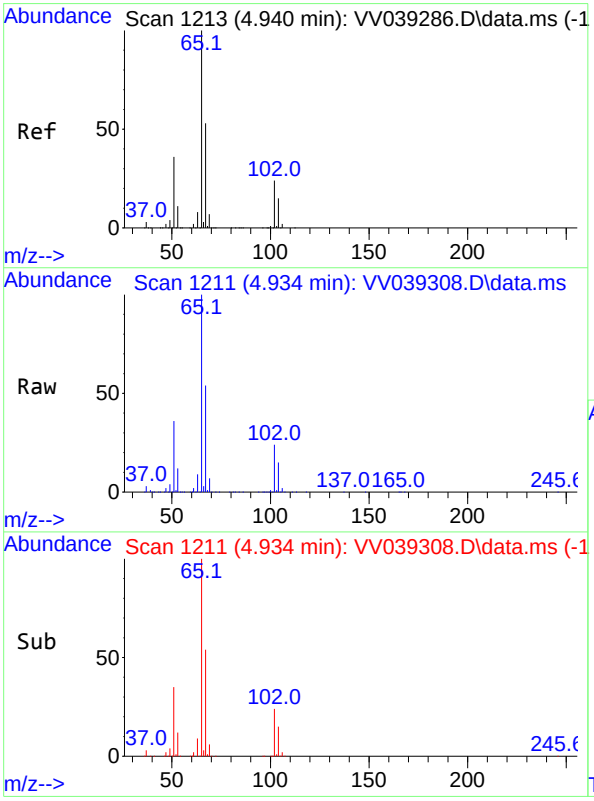
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Tgt Ion:168 Resp: 1064589

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.6	70.0

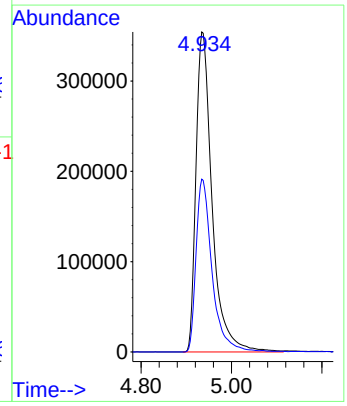


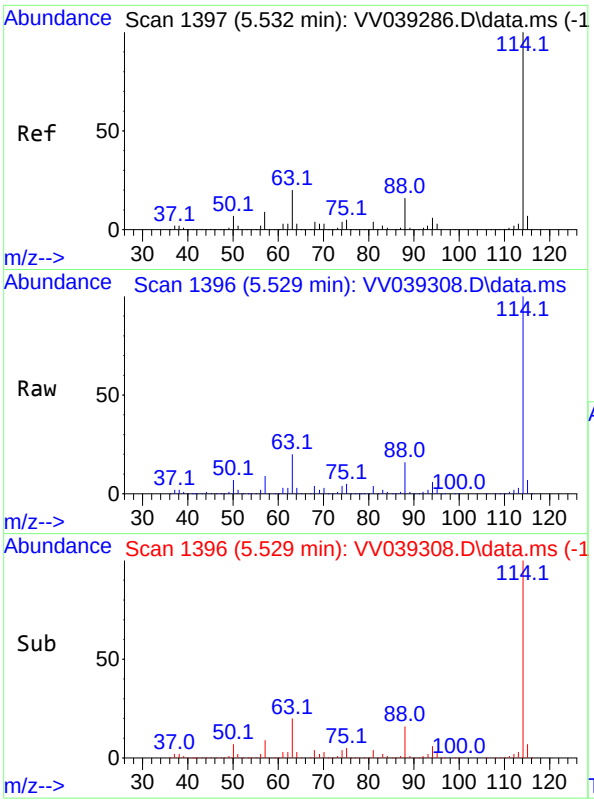


#33
1,2-Dichloroethane-d4
Concen: 58.053 ug/l
RT: 4.934 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Tgt Ion: 65 Resp: 878179

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4



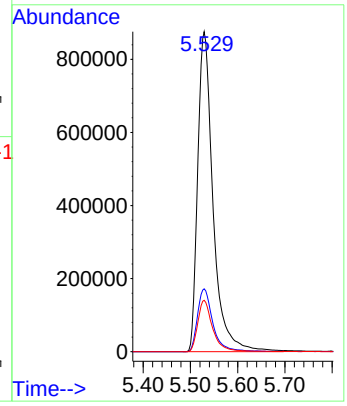


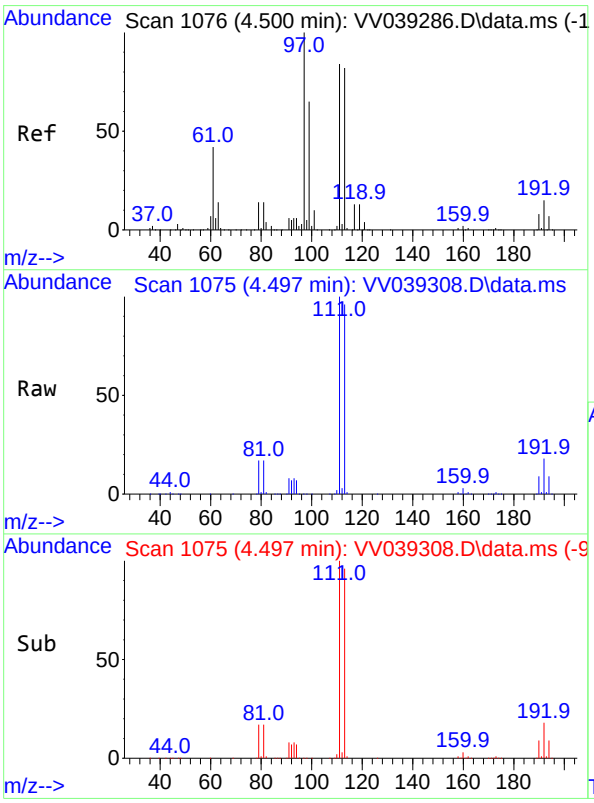
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Tgt Ion:114 Resp: 1972523

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.0	0.0	31.6

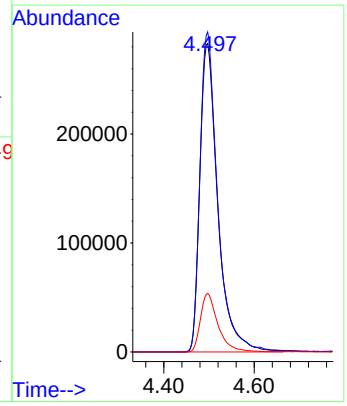


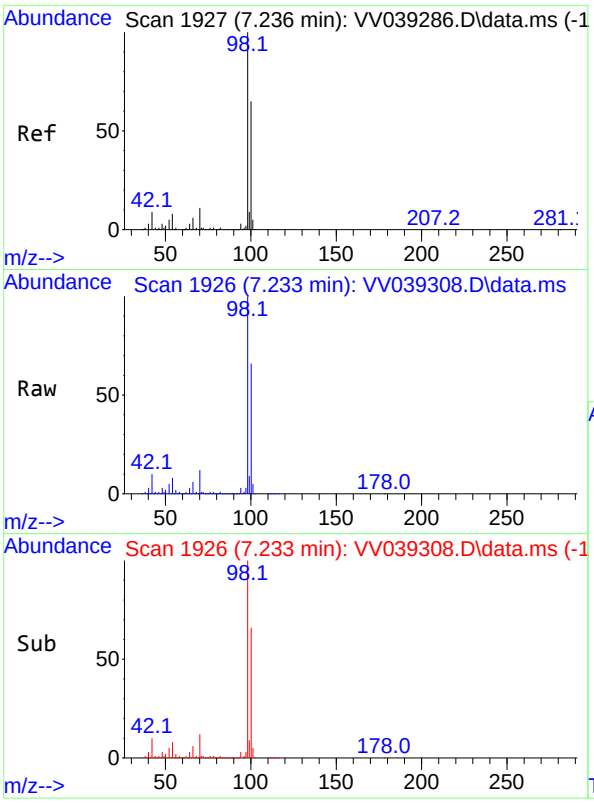


#35
Dibromofluoromethane
Concen: 50.317 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Tgt Ion:113 Resp: 782028

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	18.5	14.3	21.5



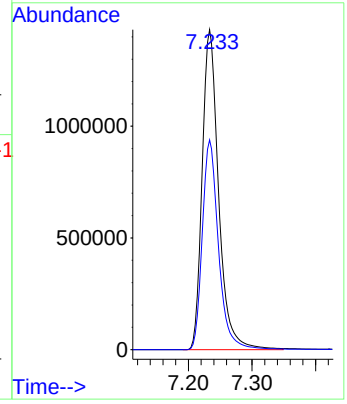


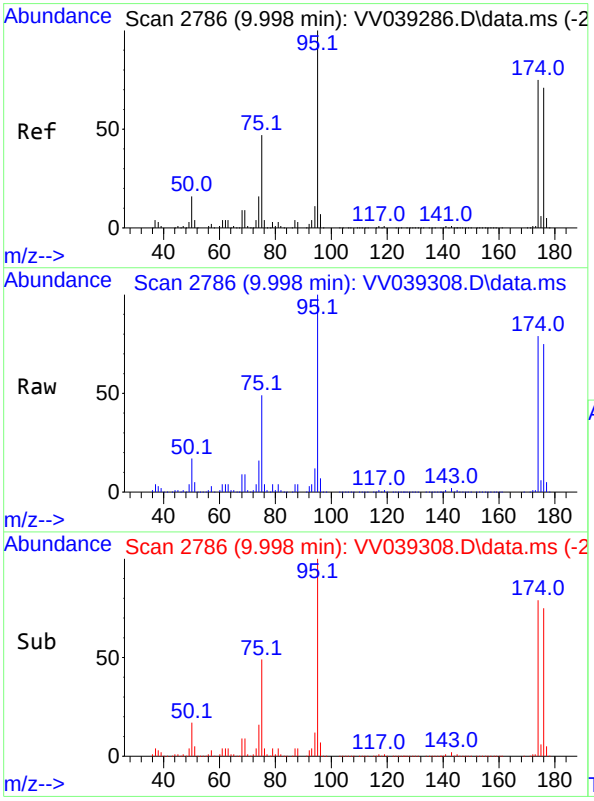
#50
Toluene-d8
Concen: 48.608 ug/l
RT: 7.233 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Tgt Ion: 98 Resp: 2570057

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.8	79.2

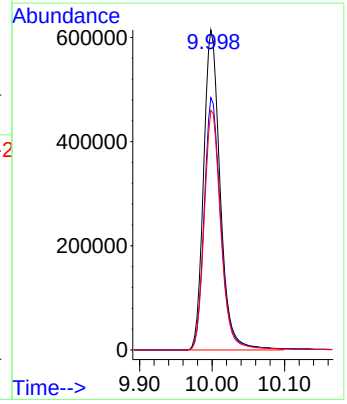


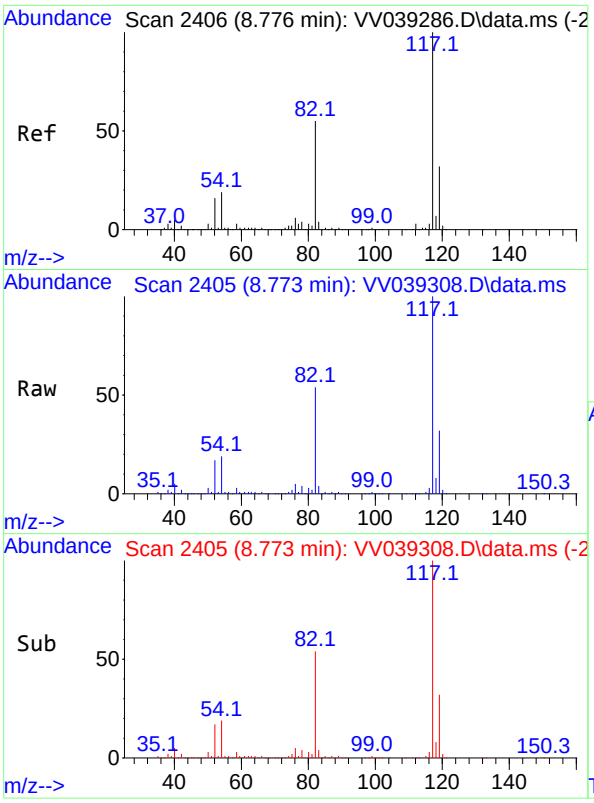


#62
4-Bromofluorobenzene
Concen: 51.821 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Tgt Ion: 95 Resp: 975805

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	153.6
176	75.3	0.0	146.0



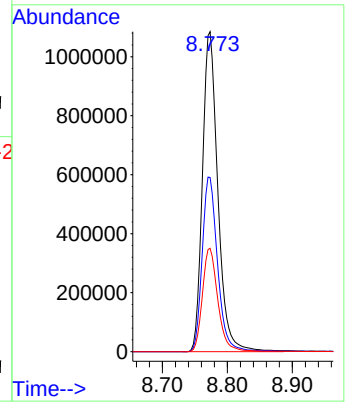


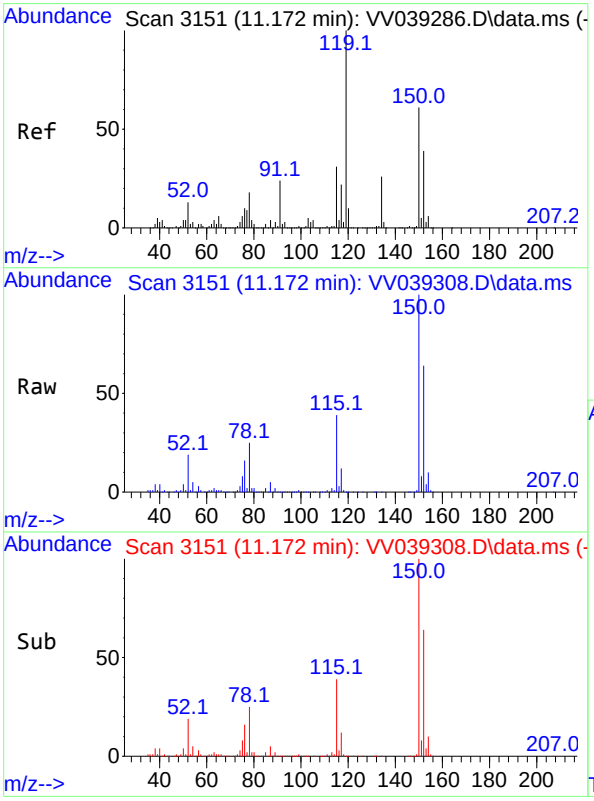
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Tgt Ion:117 Resp: 1793346

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	32.3	25.8	38.6

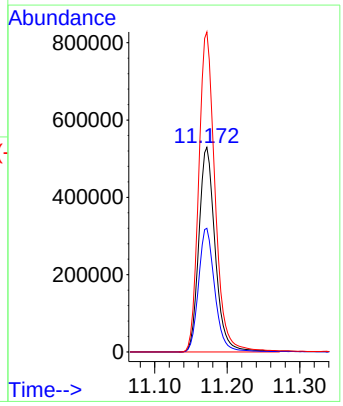




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039308.D
Acq: 04 Nov 2025 12:21

Tgt Ion:152 Resp: 828938

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.3	126.8
150	156.6	0.0	348.0



Sample Results: **VV039308.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039308.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.497	1053	1075	1093	rBV	927150	2433348	36.59%	7.089%
2	4.597	1094	1106	1170	rVB	1208791	3387634	50.94%	9.870%
3	4.934	1199	1211	1257	rBV	984480	2442010	36.72%	7.115%
4	5.529	1382	1396	1444	rBV	2001631	4548739	68.40%	13.252%
5	7.233	1914	1926	1971	rBV	3674102	6650660	100.00%	19.376%
6	8.773	2393	2405	2432	rBV	3170280	5283401	79.44%	15.393%
7	9.998	2774	2786	2814	rBV	2918411	4674300	70.28%	13.618%
8	11.172	3139	3151	3186	rBV	3110574	4903835	73.73%	14.287%

Sum of corrected areas: 34323927

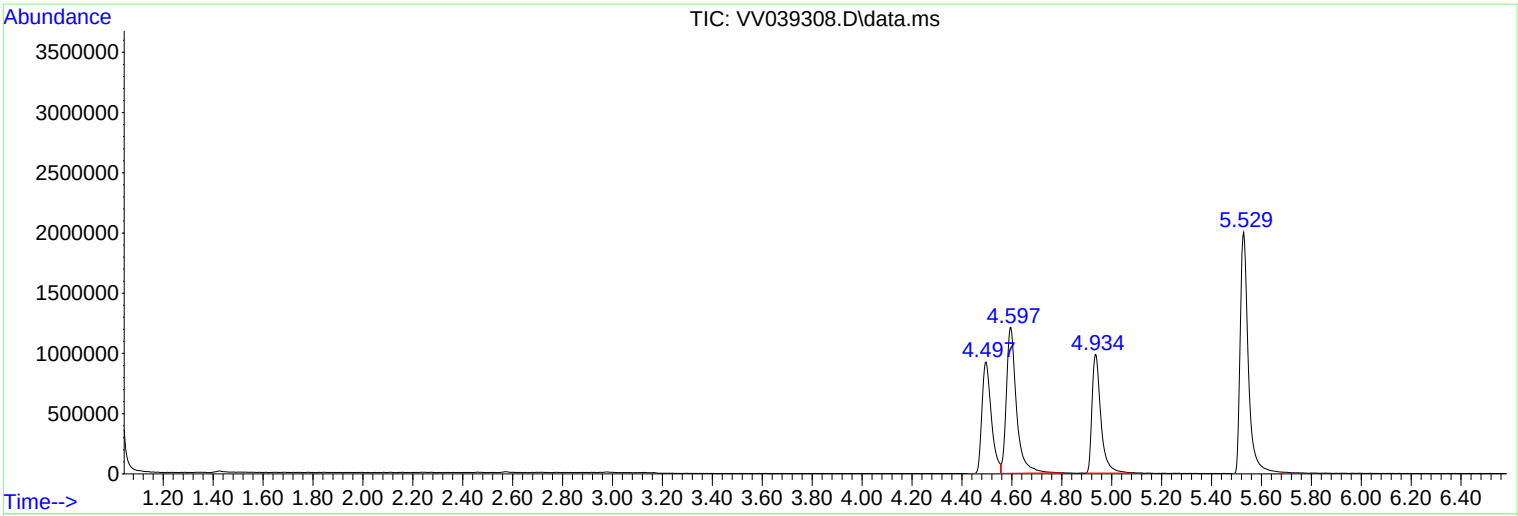
Sample Results: **VV039308.D**

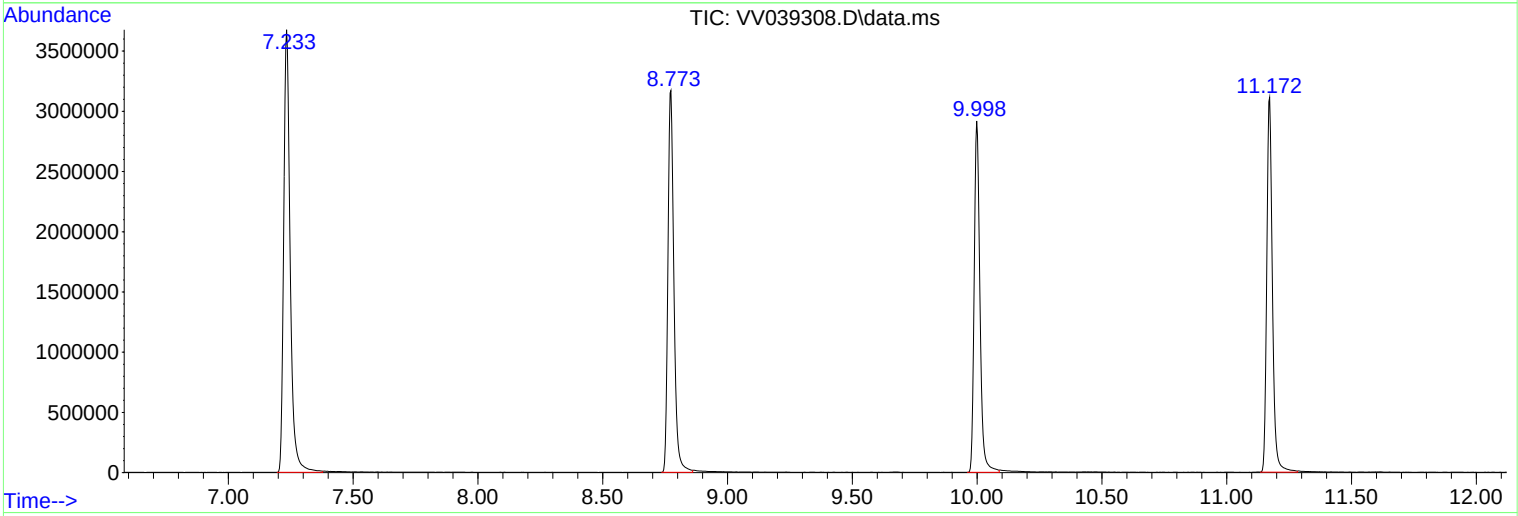
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

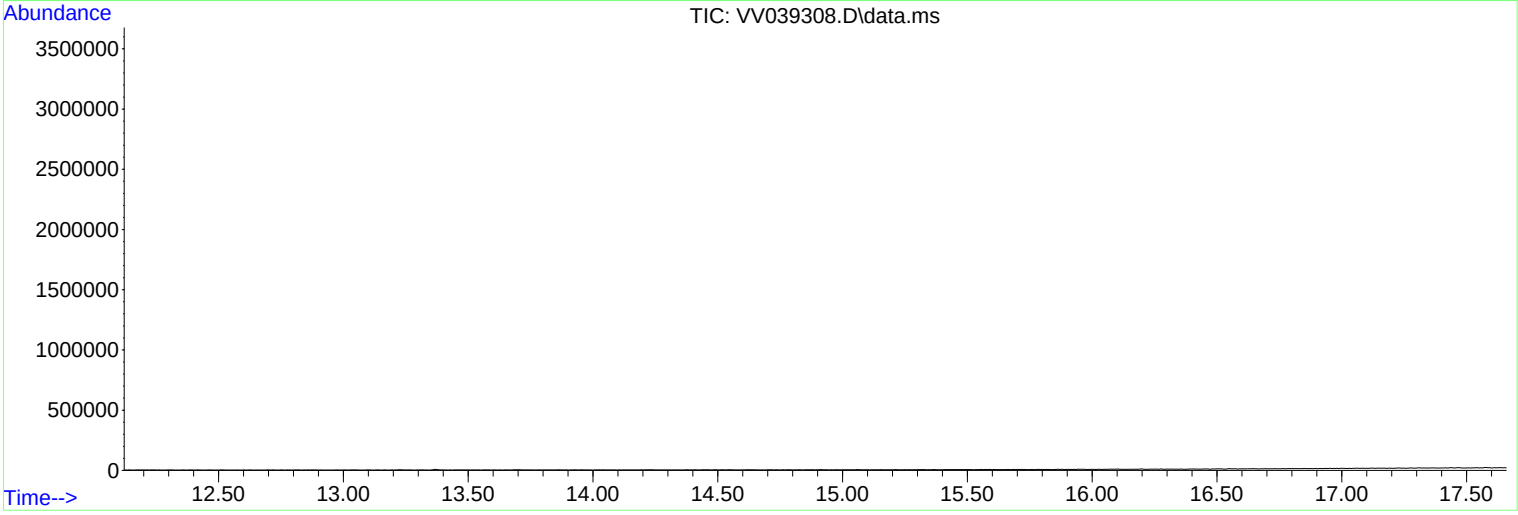
Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039308.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039308.D
Acq On : 04 Nov 2025 12:21
Operator : SY/MD
Sample : VV1104WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Quant Time: Nov 06 00:11:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	856812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1628447	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1466262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	623984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	739326	60.726	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 121.460%#			
35) Dibromofluoromethane	4.500	113	657324	51.229	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.460%			
50) Toluene-d8	7.236	98	2095273	48.001	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	9.998	95	674284	43.374	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 86.740%			

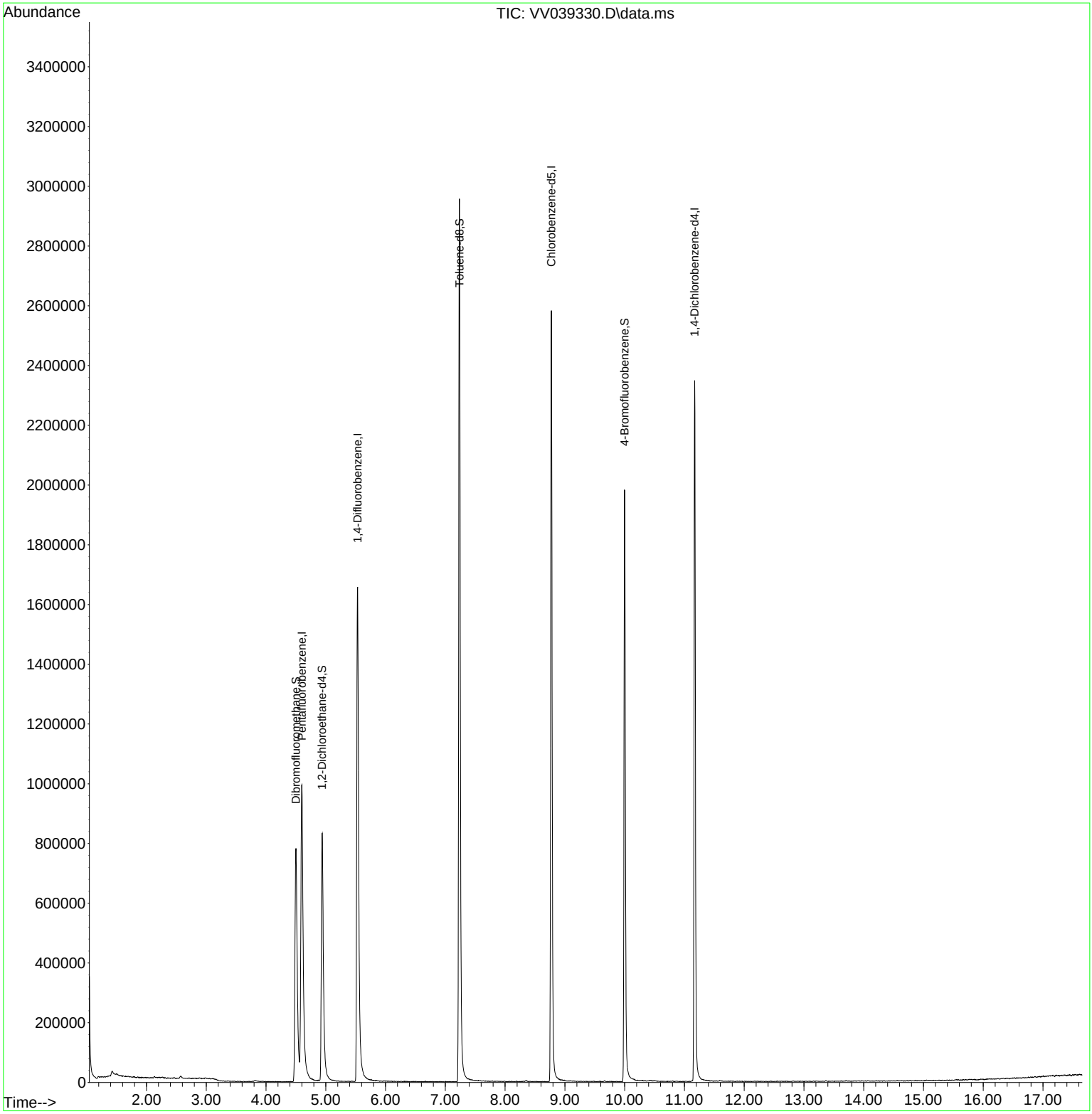
Target Compounds Qvalue

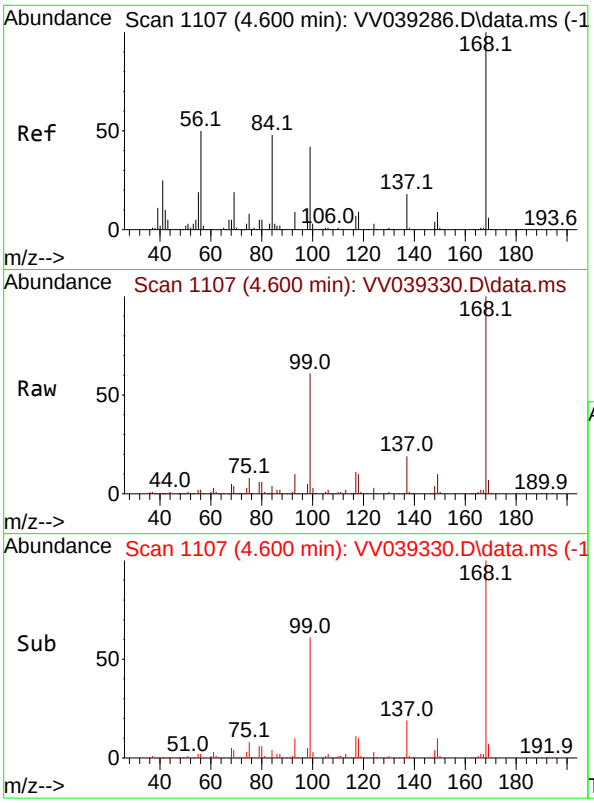
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Quant Time: Nov 06 00:11:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



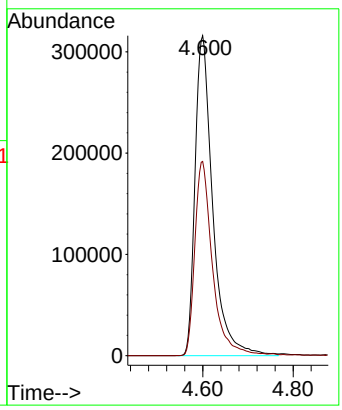


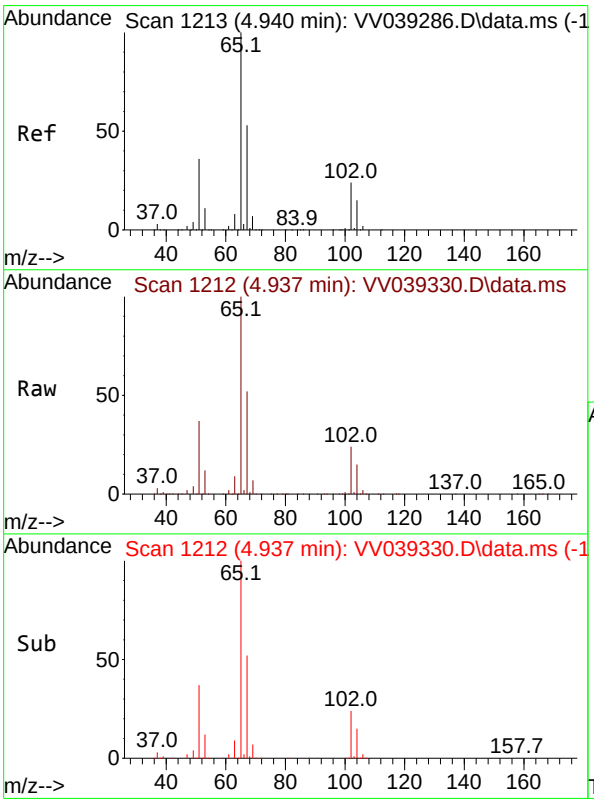
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion:168 Resp: 856812

Ion	Ratio	Lower	Upper
168	100		
99	60.6	46.6	70.0

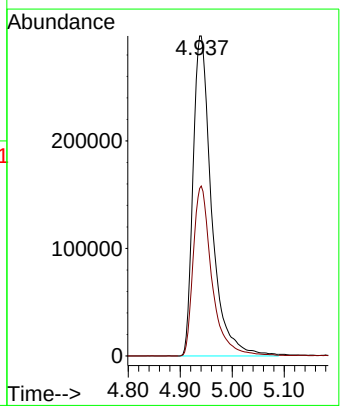


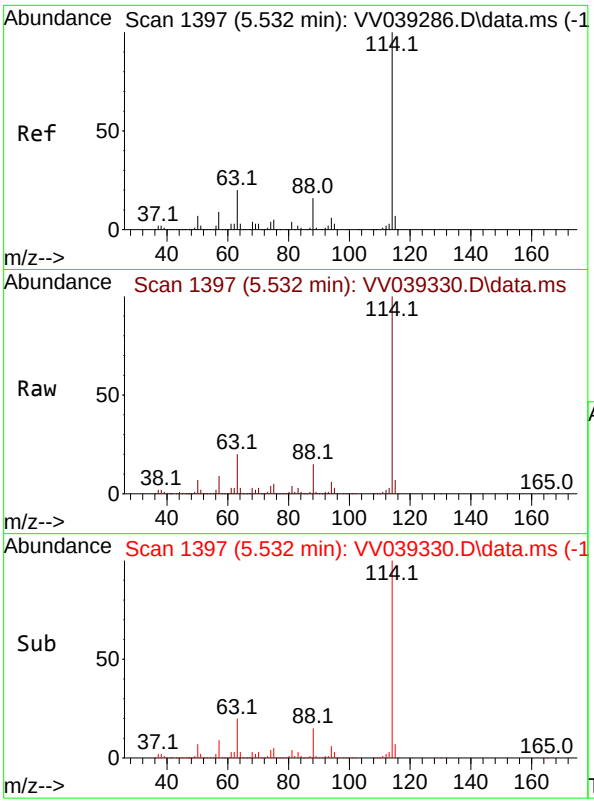


#33
1,2-Dichloroethane-d4
Concen: 60.726 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Tgt Ion: 65 Resp: 739326

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4



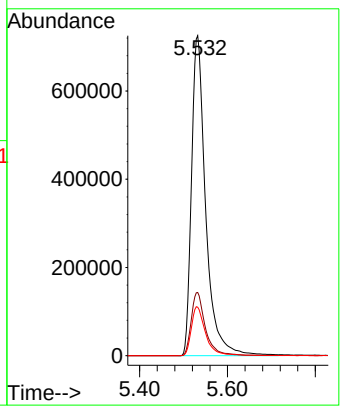


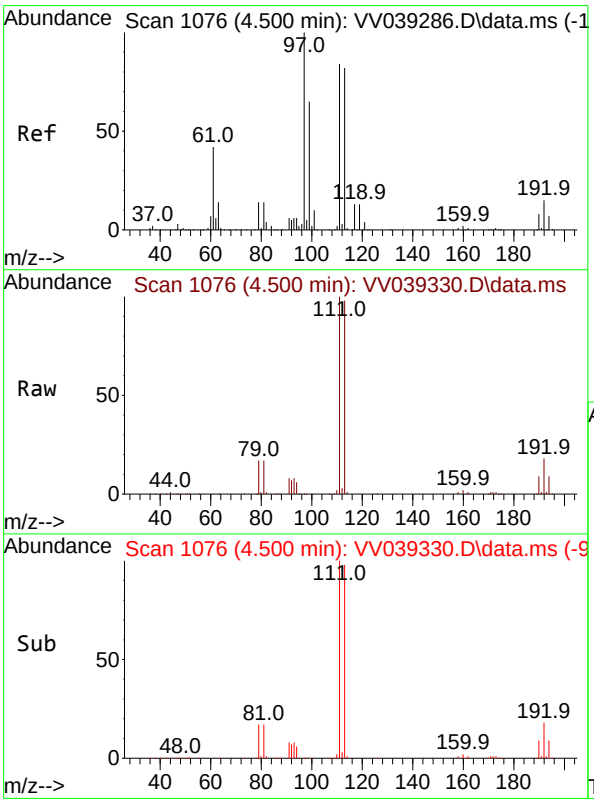
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion:114 Resp: 1628447

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.2	0.0	31.6

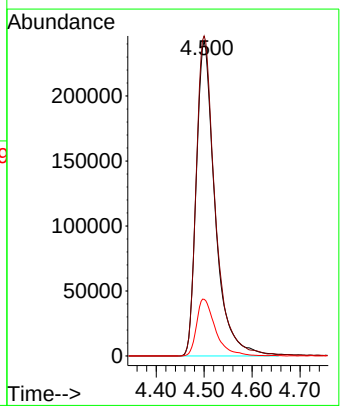


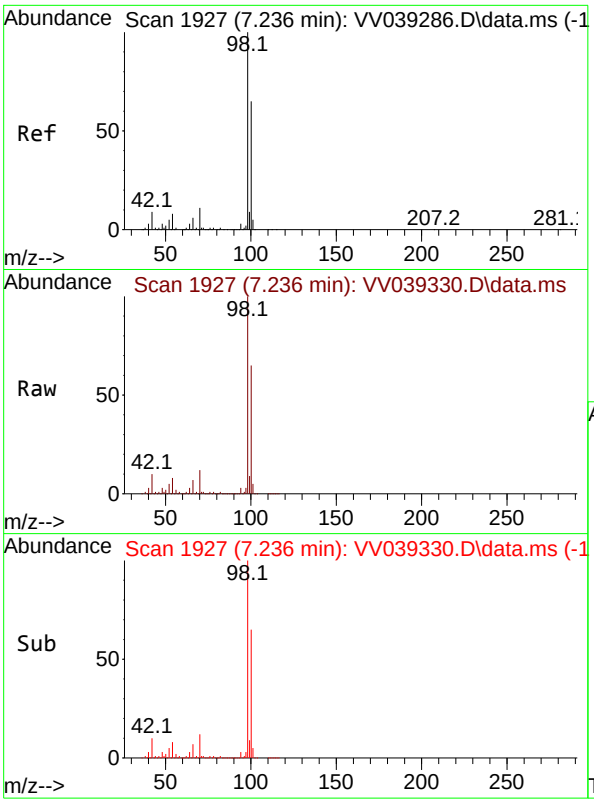


#35
Dibromofluoromethane
Concen: 51.229 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Tgt Ion:113 Resp: 657324

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	18.2	14.3	21.5



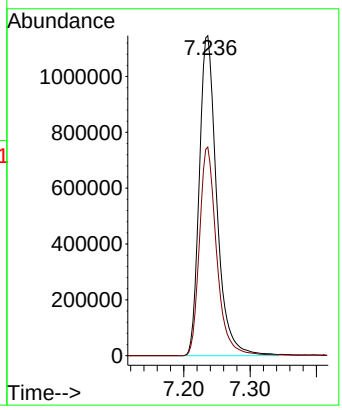


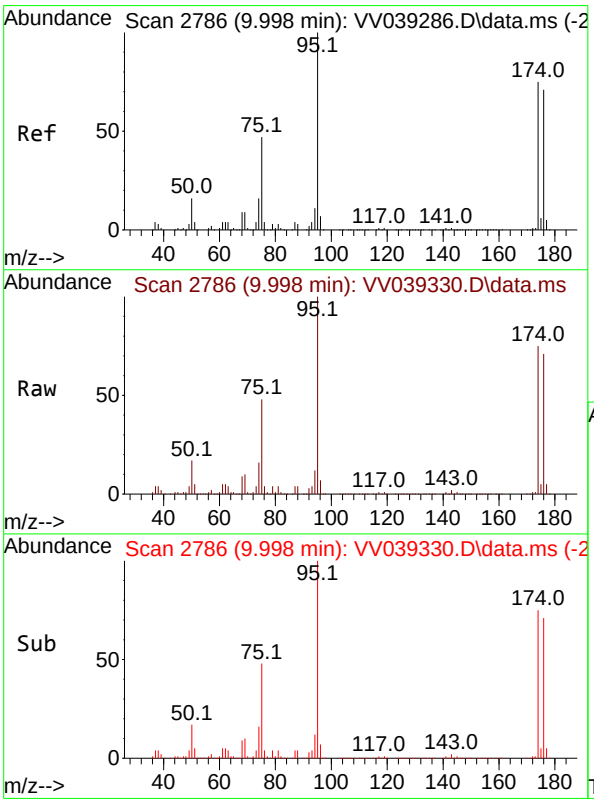
#50
Toluene-d8
Concen: 48.001 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion: 98 Resp: 2095273

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2

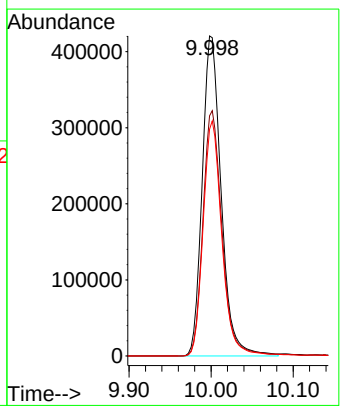


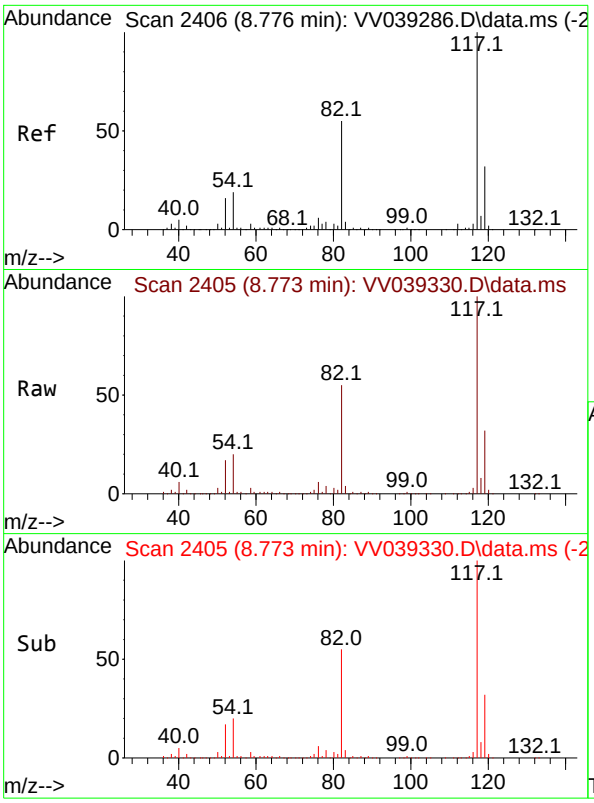


#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Tgt Ion: 95 Resp: 674284

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	153.6
176	73.3	0.0	146.0



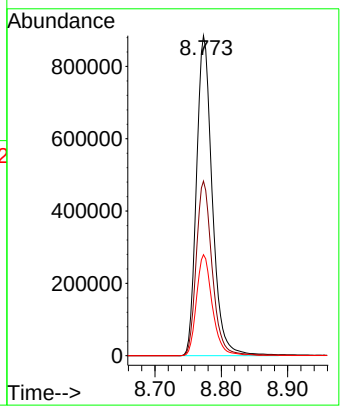


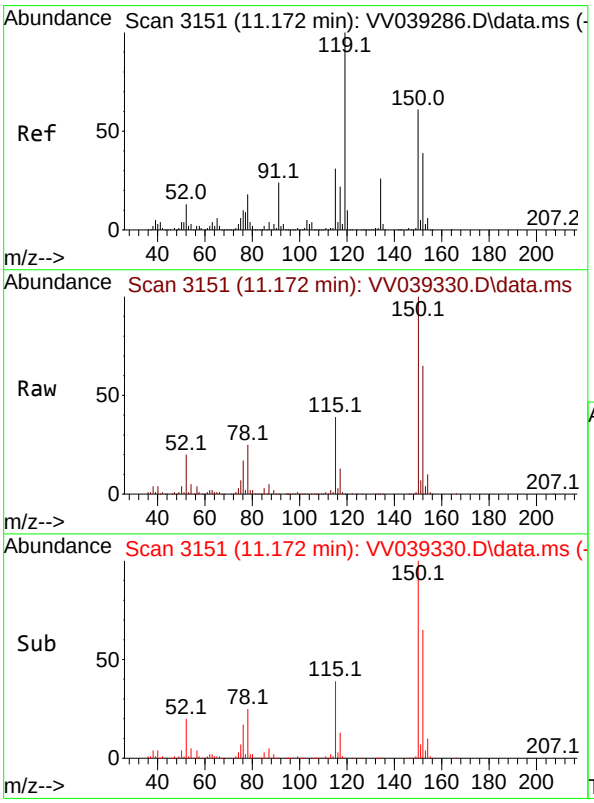
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion:117 Resp: 1466262

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	31.6	25.8	38.6

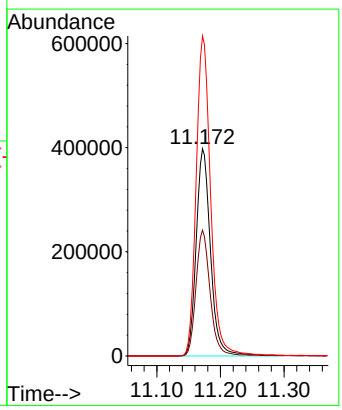




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Tgt Ion:152 Resp: 623984

Ion	Ratio	Lower	Upper
152	100		
115	59.9	42.3	126.8
150	155.6	0.0	348.0



Sample Results: **VV039330.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Title : SW846 8260

Signal : TIC: VV039330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.500	1060	1076	1095	rBV	780951	2053982	37.63%	7.544%
2	4.600	1095	1107	1144	rVB	980620	2633125	48.24%	9.671%
3	4.940	1195	1213	1263	rBV	829008	2069366	37.91%	7.600%
4	5.532	1381	1397	1431	rBV	1655479	3744957	68.61%	13.755%
5	7.236	1914	1927	1970	rBV	2955394	5457945	100.00%	20.046%
6	8.773	2389	2405	2436	rBV	2581937	4338436	79.49%	15.934%
7	9.998	2775	2786	2817	rBV	1980286	3246754	59.49%	11.925%
8	11.172	3140	3151	3183	rBV	2344826	3682418	67.47%	13.525%

Sum of corrected areas: 27226983

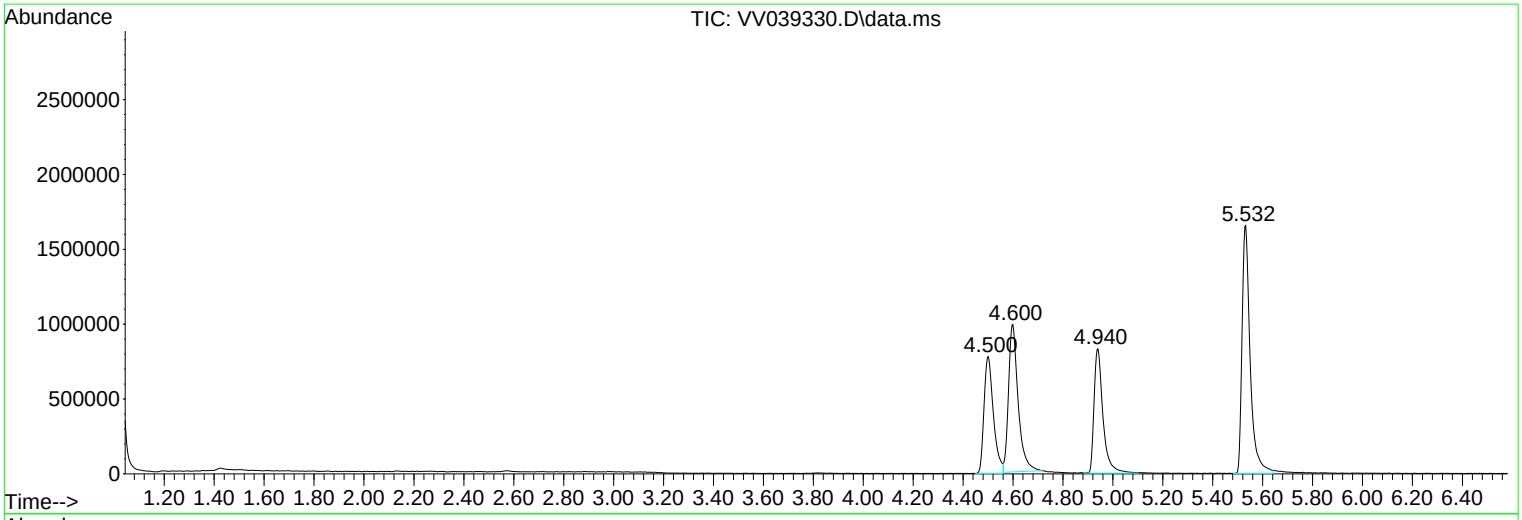
Sample Results: **VV039330.D**

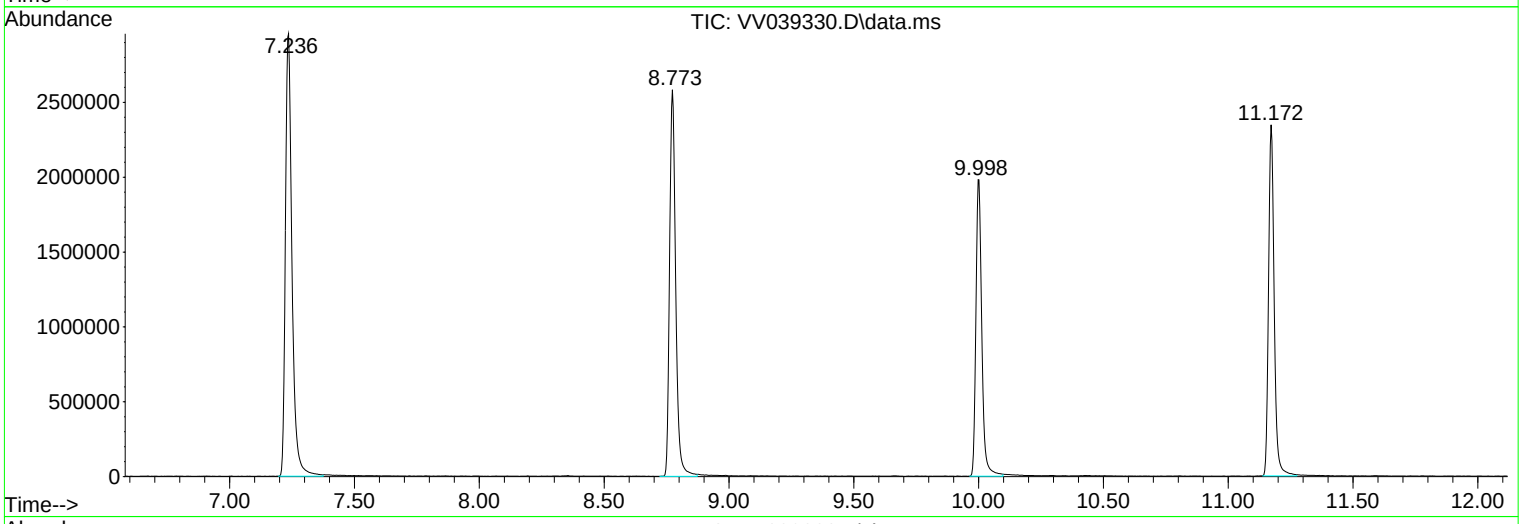
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

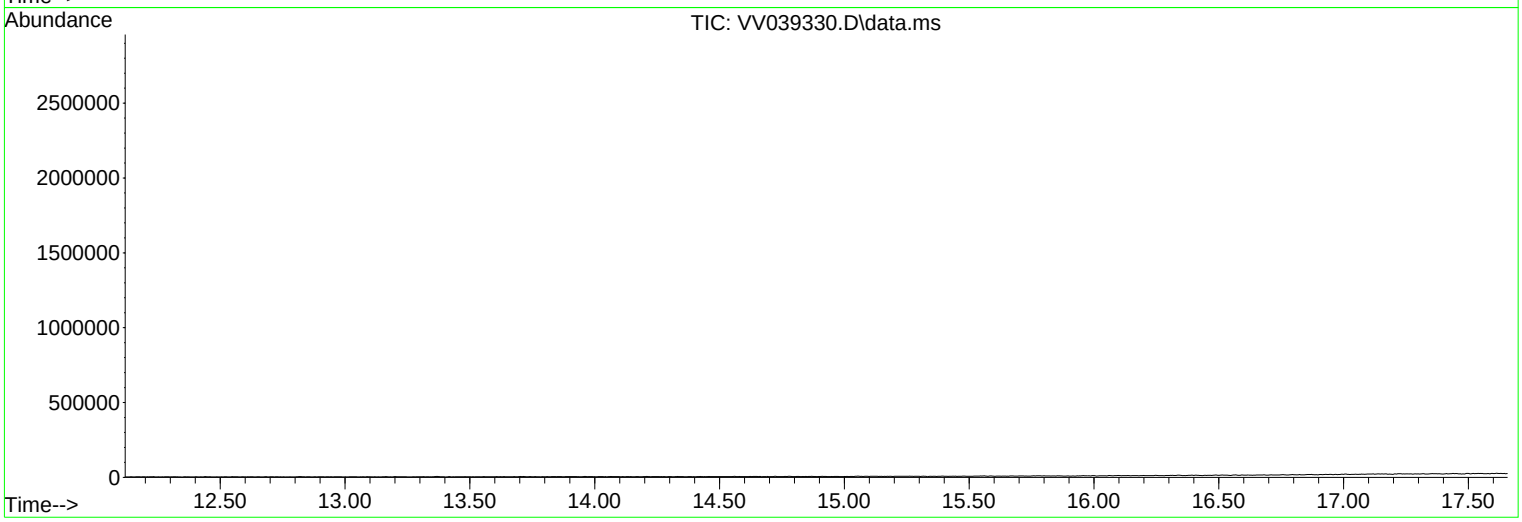
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VV039330.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039309.D
Acq On : 04 Nov 2025 12:49
Operator : SY/MD
Sample : VV1104WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 05 00:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	733220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1149929	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1129519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	636116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	511281	49.074	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 98.140%			
35) Dibromofluoromethane	4.497	113	453890	50.095	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.180%			
50) Toluene-d8	7.233	98	1616726	52.451	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 104.900%			
62) 4-Bromofluorobenzene	9.998	95	589312	53.683	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 107.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	150088	16.195	ug/l	99
3) Chloromethane	1.230	50	170270	17.647	ug/l	97
4) Vinyl Chloride	1.298	62	184720	16.781	ug/l	100
5) Bromomethane	1.500	94	134477	18.829	ug/l	99
6) Chloroethane	1.561	64	123716	18.962	ug/l	97
7) Trichlorofluoromethane	1.728	101	292963	17.422	ug/l	99
8) Diethyl Ether	1.918	74	100661	16.565	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	182519	18.127	ug/l	99
10) Methyl Iodide	2.198	142	171240	19.739	ug/l	99
11) Tert butyl alcohol	2.561	59	96173	47.632	ug/l	99
12) 1,1-Dichloroethene	2.082	96	166090	16.800	ug/l	98
13) Acrolein	2.011	56	41461	29.385	ug/l	100
14) Allyl chloride	2.359	41	260264	16.606	ug/l	99
15) Acrylonitrile	2.674	53	459816	76.793	ug/l	99
16) Acetone	2.118	43	413309	78.304	ug/l	99
17) Carbon Disulfide	2.253	76	483660	17.320	ug/l	100
18) Methyl Acetate	2.378	43	191593	14.191	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	519738	17.466	ug/l	100
20) Methylene Chloride	2.455	84	189332	19.107	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	180695	17.359	ug/l	98
22) Diisopropyl ether	3.211	45	518348	18.421	ug/l #	70
23) Vinyl Acetate	3.188	43	2239012	90.638	ug/l	100
24) 1,1-Dichloroethane	3.118	63	328316	17.416	ug/l	99
25) 2-Butanone	3.863	43	485792	76.243	ug/l	99
26) 2,2-Dichloropropane	3.809	77	271540	17.884	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	188276	18.064	ug/l	99
28) Bromochloromethane	4.146	49	139950	17.413	ug/l	99
29) Tetrahydrofuran	4.233	42	306767	75.300	ug/l	99
30) Chloroform	4.278	83	336927	17.526	ug/l	97
31) Cyclohexane	4.584	56	251508	18.317	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	299853	17.840	ug/l	99
36) 1,1-Dichloropropene	4.744	75	202258	17.773	ug/l	98
37) Ethyl Acetate	3.976	43	204626	15.359	ug/l	98
38) Carbon Tetrachloride	4.732	117	254185	18.333	ug/l	96
39) Methylcyclohexane	6.043	83	229820	17.670	ug/l	99
40) Benzene	5.008	78	686424	18.797	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039309.D
Acq On : 04 Nov 2025 12:49
Operator : SY/MD
Sample : VV1104WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 05 00:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.159	41	83940	15.924	ug/l		93
42) 1,2-Dichloroethane	5.040	62	230824	18.010	ug/l		99
43) Isopropyl Acetate	5.191	43	305041	17.489	ug/l		100
44) Trichloroethene	5.831	130	170962	18.617	ug/l		95
45) 1,2-Dichloropropane	6.088	63	173680	19.546	ug/l		98
46) Dibromomethane	6.227	93	132973	17.903	ug/l		98
47) Bromodichloromethane	6.426	83	267149	18.255	ug/l		99
48) Methyl methacrylate	6.297	41	128547	15.908	ug/l		98
49) 1,4-Dioxane	6.291	88	23507m	174.875	ug/l		
51) 4-Methyl-2-Pentanone	7.146	43	1042286	86.132	ug/l		98
52) Toluene	7.307	92	435082	19.733	ug/l		100
53) t-1,3-Dichloropropene	7.574	75	240904	18.836	ug/l		98
54) cis-1,3-Dichloropropene	6.947	75	275230	19.356	ug/l		100
55) 1,1,2-Trichloroethane	7.760	97	178823	17.961	ug/l		98
56) Ethyl methacrylate	7.715	69	208276	18.465	ug/l		99
57) 1,3-Dichloropropane	7.934	76	282493	18.803	ug/l		100
58) 2-Chloroethyl Vinyl ether	6.809	63	616357	95.710	ug/l		99
59) 2-Hexanone	8.063	43	744076	83.755	ug/l		99
60) Dibromochloromethane	8.166	129	213236	18.318	ug/l		98
61) 1,2-Dibromoethane	8.272	107	191275	18.451	ug/l		99
64) Tetrachloroethene	7.895	164	153069	18.578	ug/l		98
65) Chlorobenzene	8.802	112	488115	18.255	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.895	131	179594	17.931	ug/l		98
67) Ethyl Benzene	8.934	91	735503	18.673	ug/l		99
68) m/p-Xylenes	9.059	106	618237	39.575	ug/l		99
69) o-Xylene	9.468	106	257329	18.653	ug/l		95
70) Styrene	9.487	104	486737	19.829	ug/l		99
71) Bromoform	9.654	173	144690	17.863	ug/l	#	97
73) Isopropylbenzene	9.854	105	741892	19.206	ug/l		100
74) N-amyl acetate	9.725	43	260778	16.384	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.165	83	287138	16.187	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	207338	16.331	ug/l		94
77) Bromobenzene	10.140	156	202408	19.061	ug/l		99
78) n-propylbenzene	10.275	91	901629	19.237	ug/l		100
79) 2-Chlorotoluene	10.346	91	555299	19.189	ug/l		99
80) 1,3,5-Trimethylbenzene	10.464	105	637404	19.675	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.928	75	84401	16.789	ug/l		96
82) 4-Chlorotoluene	10.461	91	660634	19.862	ug/l		99
83) tert-Butylbenzene	10.789	119	578625	17.987	ug/l		98
84) 1,2,4-Trimethylbenzene	10.837	105	620103	19.443	ug/l		99
85) sec-Butylbenzene	11.011	105	746311	18.349	ug/l		100
86) p-Isopropyltoluene	11.165	119	646871	18.498	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	395972	18.695	ug/l		99
88) 1,4-Dichlorobenzene	11.194	146	423406	17.862	ug/l		99
89) n-Butylbenzene	11.580	91	567146	17.415	ug/l		98
90) Hexachloroethane	11.818	117	145066	16.776	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	365350	18.133	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	54508	14.944	ug/l		97
93) 1,2,4-Trichlorobenzene	13.185	180	200695	17.860	ug/l		99
94) Hexachlorobutadiene	13.368	225	81939	14.400	ug/l		98
95) Naphthalene	13.426	128	602988	16.378	ug/l		100
96) 1,2,3-Trichlorobenzene	13.664	180	202409	17.331	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039309.D
Acq On : 04 Nov 2025 12:49
Operator : SY/MD
Sample : VV1104WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 05 00:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **VV039309.D**

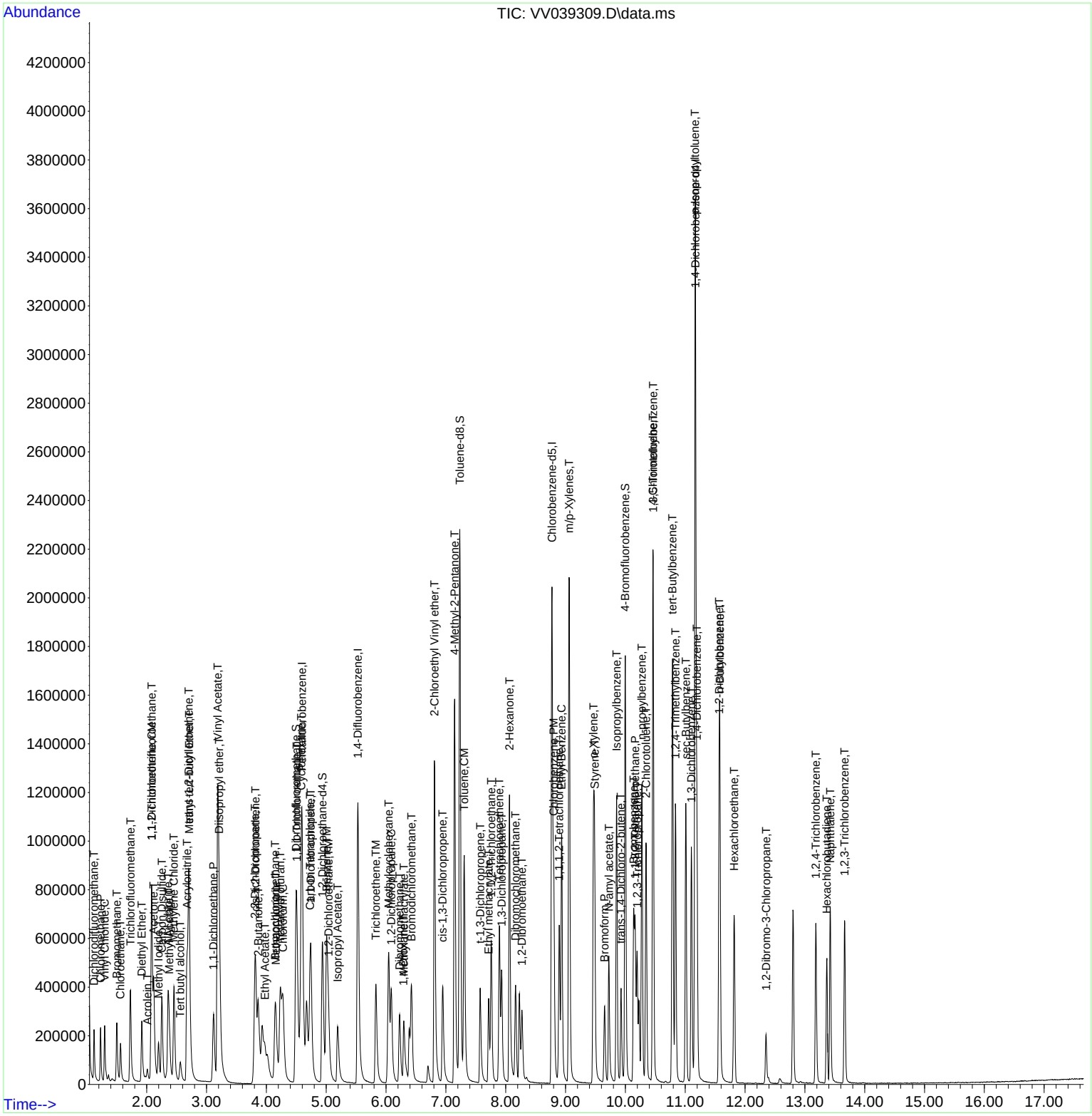
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039309.D
Acq On : 04 Nov 2025 12:49
Operator : SY/MD
Sample : VV1104WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 05 00:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039331.D
Acq On : 05 Nov 2025 12:55
Operator : SY/MD
Sample : VV1105WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.597	168	708659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1110235	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1080434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	614058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	514415	51.086	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.180%			
35) Dibromofluoromethane	4.500	113	456250	52.156	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.320%			
50) Toluene-d8	7.233	98	1613297	54.211	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 108.420%			
62) 4-Bromofluorobenzene	9.998	95	582338	54.945	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 109.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	151845	16.953	ug/l	98
3) Chloromethane	1.230	50	165321	17.728	ug/l	99
4) Vinyl Chloride	1.298	62	192110	18.058	ug/l	100
5) Bromomethane	1.500	94	120166	17.409	ug/l	99
6) Chloroethane	1.561	64	130509	20.911	ug/l	97
7) Trichlorofluoromethane	1.729	101	305780	18.814	ug/l	98
8) Diethyl Ether	1.918	74	107151	18.244	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	187255	19.242	ug/l	99
10) Methyl Iodide	2.198	142	146915	17.522	ug/l	99
11) Tert butyl alcohol	2.561	59	157784	80.854	ug/l	99
12) 1,1-Dichloroethene	2.082	96	174560	18.268	ug/l	98
13) Acrolein	2.011	56	57251	45.044	ug/l	97
14) Allyl chloride	2.359	41	277096	18.293	ug/l	99
15) Acrylonitrile	2.674	53	507942	87.770	ug/l	99
16) Acetone	2.118	43	503726	101.543	ug/l	100
17) Carbon Disulfide	2.256	76	493771	18.295	ug/l	99
18) Methyl Acetate	2.378	43	213694	16.377	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	541798	18.838	ug/l	99
20) Methylene Chloride	2.458	84	199081	20.991	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	187193	18.606	ug/l	100
22) Diisopropyl ether	3.214	45	556242	20.453	ug/l	84
23) Vinyl Acetate	3.188	43	2368390	99.199	ug/l	100
24) 1,1-Dichloroethane	3.118	63	341031	18.718	ug/l	99
25) 2-Butanone	3.863	43	583217	94.706	ug/l	98
26) 2,2-Dichloropropane	3.809	77	281507	19.183	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	196769	19.533	ug/l	99
28) Bromochloromethane	4.146	49	150455	19.369	ug/l	98
29) Tetrahydrofuran	4.236	42	360292	91.504	ug/l	98
30) Chloroform	4.278	83	357431	19.237	ug/l	96
31) Cyclohexane	4.584	56	263859	19.883	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	313414	19.293	ug/l	99
36) 1,1-Dichloropropene	4.744	75	216998	19.750	ug/l	99
37) Ethyl Acetate	3.976	43	223250	17.356	ug/l	98
38) Carbon Tetrachloride	4.735	117	262131	19.582	ug/l	98
39) Methylcyclohexane	6.047	83	247722	19.727	ug/l	98
40) Benzene	5.008	78	720093	20.424	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039331.D
Acq On : 05 Nov 2025 12:55
Operator : SY/MD
Sample : VV1105WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	92536	17.943	ug/l	93
42) 1,2-Dichloroethane	5.040	62	236736	19.132	ug/l	99
43) Isopropyl Acetate	5.191	43	336423	19.977	ug/l	99
44) Trichloroethene	5.831	130	176863	19.948	ug/l	98
45) 1,2-Dichloropropane	6.088	63	177521	20.692	ug/l	98
46) Dibromomethane	6.227	93	133875	18.669	ug/l	95
47) Bromodichloromethane	6.426	83	280100	19.824	ug/l	99
48) Methyl methacrylate	6.297	41	145594	18.662	ug/l	97
49) 1,4-Dioxane	6.291	88	45801	352.907	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	1188077	101.690	ug/l	97
52) Toluene	7.307	92	457126	21.474	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	249007	20.165	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	284815	20.746	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	189312	19.695	ug/l	96
56) Ethyl methacrylate	7.715	69	220114	20.212	ug/l	98
57) 1,3-Dichloropropane	7.934	76	300599	20.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	652369	104.109	ug/l	99
59) 2-Hexanone	8.063	43	869269	101.345	ug/l	98
60) Dibromochloromethane	8.166	129	224872	20.008	ug/l	100
61) 1,2-Dibromoethane	8.272	107	201175	20.100	ug/l	99
64) Tetrachloroethene	7.895	164	158158	20.067	ug/l	98
65) Chlorobenzene	8.802	112	511152	19.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186905	19.509	ug/l	99
67) Ethyl Benzene	8.937	91	767565	20.373	ug/l	100
68) m/p-Xylenes	9.063	106	648604	43.405	ug/l	99
69) o-Xylene	9.468	106	274321	20.788	ug/l	97
70) Styrene	9.484	104	514861	21.927	ug/l	100
71) Bromoform	9.654	173	152324	19.660	ug/l	97
73) Isopropylbenzene	9.854	105	786898	21.103	ug/l	100
74) N-amyl acetate	9.725	43	285486	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	307266	17.943	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	223589	18.243	ug/l	94
77) Bromobenzene	10.140	156	207464	20.239	ug/l	99
78) n-propylbenzene	10.275	91	949310	20.981	ug/l	100
79) 2-Chlorotoluene	10.346	91	585997	20.978	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	676780	21.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	91871	18.931	ug/l	98
82) 4-Chlorotoluene	10.461	91	690470	21.504	ug/l	99
83) tert-Butylbenzene	10.789	119	624594	20.114	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	670688	21.785	ug/l	100
85) sec-Butylbenzene	11.011	105	823564	20.976	ug/l	100
86) p-Isopropyltoluene	11.165	119	711111	21.065	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	408042	19.957	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	445782	19.482	ug/l	99
89) n-Butylbenzene	11.580	91	631556	20.089	ug/l	98
90) Hexachloroethane	11.818	117	156038	18.693	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	373670	19.212	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	60189	17.094	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	211096	19.460	ug/l	99
94) Hexachlorobutadiene	13.368	225	100027	18.211	ug/l	100
95) Naphthalene	13.426	128	657231	18.493	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	220351	19.545	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039331.D
Acq On : 05 Nov 2025 12:55
Operator : SY/MD
Sample : VV1105WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

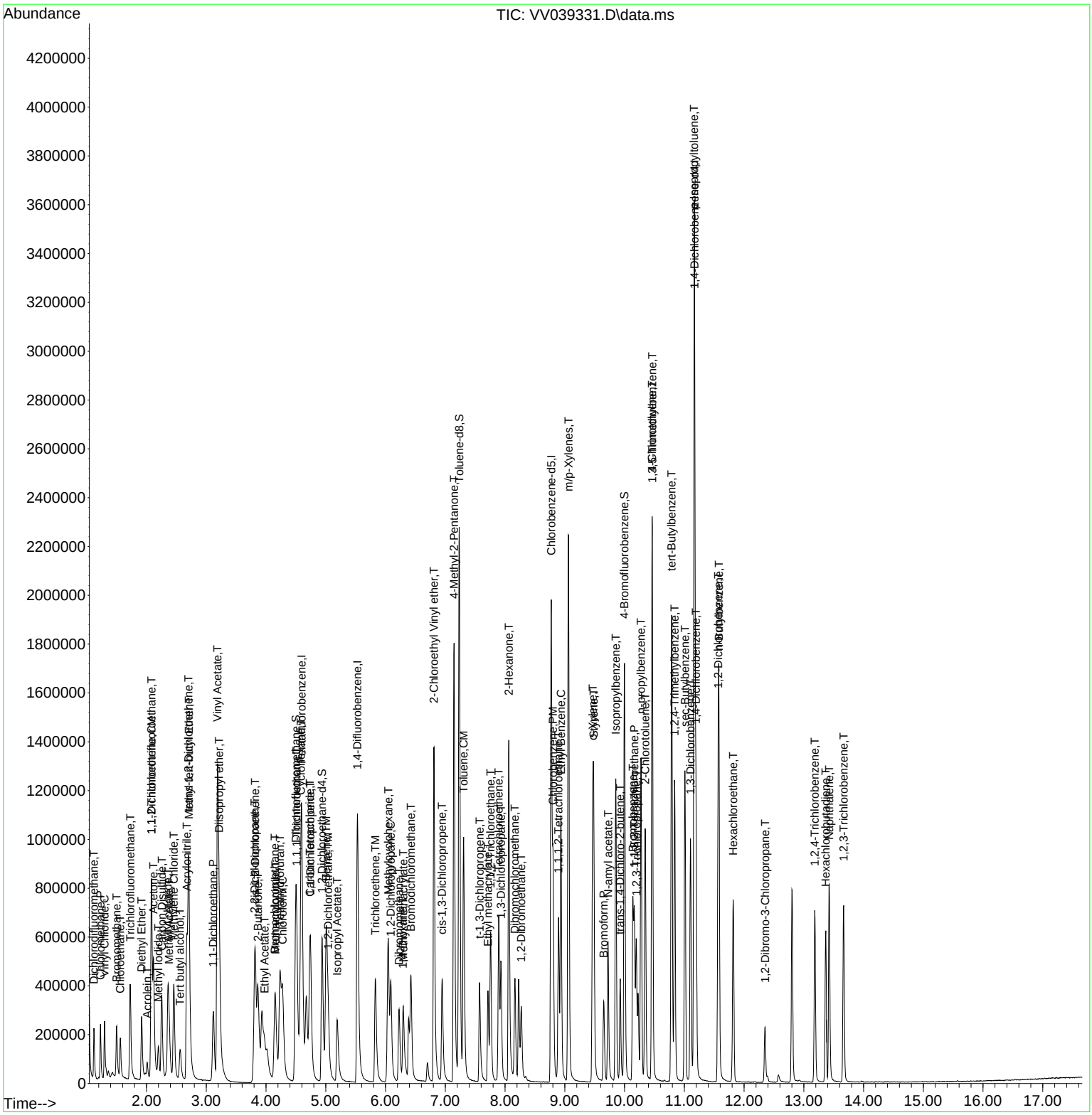
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039331.D
Acq On : 05 Nov 2025 12:55
Operator : SY/MD
Sample : VV1105WBS01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039310.D
Acq On : 04 Nov 2025 13:12
Operator : SY/MD
Sample : VV1104WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBSD01

Quant Time: Nov 05 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	706395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1110419	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1079972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	618050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	504363	50.248	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 100.500%			
35) Dibromofluoromethane	4.500	113	439127	50.190	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.380%			
50) Toluene-d8	7.233	98	1562786	52.505	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 105.000%			
62) 4-Bromofluorobenzene	9.998	95	566888	53.478	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	142292	15.937	ug/l	99
3) Chloromethane	1.230	50	163201	17.557	ug/l	99
4) Vinyl Chloride	1.298	62	177522	16.740	ug/l	99
5) Bromomethane	1.500	94	130712	18.997	ug/l	96
6) Chloroethane	1.561	64	117164	18.599	ug/l	100
7) Trichlorofluoromethane	1.728	101	280464	17.312	ug/l	100
8) Diethyl Ether	1.918	74	101974	17.418	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	171938	17.724	ug/l	100
10) Methyl Iodide	2.198	142	177632	21.253	ug/l	100
11) Tert butyl alcohol	2.568	59	114504	58.864	ug/l	99
12) 1,1-Dichloroethene	2.082	96	157485	16.534	ug/l	99
13) Acrolein	2.011	56	45929	34.858	ug/l	96
14) Allyl chloride	2.359	41	255924	16.950	ug/l	99
15) Acrylonitrile	2.674	53	474435	82.243	ug/l	99
16) Acetone	2.117	43	446179	89.035	ug/l	99
17) Carbon Disulfide	2.252	76	457002	16.987	ug/l	100
18) Methyl Acetate	2.381	43	204155	15.696	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	525437	18.328	ug/l	100
20) Methylene Chloride	2.458	84	185551	19.477	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	170629	17.014	ug/l	98
22) Diisopropyl ether	3.214	45	516923	19.068	ug/l #	73
23) Vinyl Acetate	3.191	43	2240706	94.151	ug/l	100
24) 1,1-Dichloroethane	3.121	63	314272	17.304	ug/l	98
25) 2-Butanone	3.870	43	522681	85.148	ug/l	98
26) 2,2-Dichloropropane	3.812	77	263373	18.005	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	190586	18.980	ug/l	98
28) Bromochloromethane	4.146	49	136004	17.565	ug/l	100
29) Tetrahydrofuran	4.240	42	329172	83.868	ug/l	99
30) Chloroform	4.278	83	326914	17.651	ug/l	99
31) Cyclohexane	4.584	56	239964	18.140	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	290407	17.934	ug/l	99
36) 1,1-Dichloropropene	4.744	75	202551	18.432	ug/l	99
37) Ethyl Acetate	3.982	43	216252	16.809	ug/l	96
38) Carbon Tetrachloride	4.735	117	247835	18.511	ug/l	99
39) Methylcyclohexane	6.047	83	225379	17.945	ug/l	95
40) Benzene	5.011	78	664122	18.834	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039310.D
Acq On : 04 Nov 2025 13:12
Operator : SY/MD
Sample : VV1104WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBSD01

Quant Time: Nov 05 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.162	41	89193	17.353	ug/l		96
42) 1,2-Dichloroethane	5.040	62	224904	18.173	ug/l		99
43) Isopropyl Acetate	5.194	43	311494	18.494	ug/l		100
44) Trichloroethene	5.831	130	168787	19.034	ug/l		96
45) 1,2-Dichloropropane	6.088	63	158585	18.482	ug/l		99
46) Dibromomethane	6.227	93	129164	18.009	ug/l		97
47) Bromodichloromethane	6.426	83	261312	18.491	ug/l		99
48) Methyl methacrylate	6.301	41	131960	16.912	ug/l		97
49) 1,4-Dioxane	6.297	88	25908	199.594	ug/l		96
51) 4-Methyl-2-Pentanone	7.146	43	1091455	93.404	ug/l		98
52) Toluene	7.310	92	425923	20.005	ug/l		98
53) t-1,3-Dichloropropene	7.574	75	238584	19.318	ug/l		99
54) cis-1,3-Dichloropropene	6.950	75	268605	19.562	ug/l		100
55) 1,1,2-Trichloroethane	7.760	97	181167	18.844	ug/l		98
56) Ethyl methacrylate	7.715	69	208906	19.180	ug/l		99
57) 1,3-Dichloropropane	7.934	76	282261	19.456	ug/l		99
58) 2-Chloroethyl Vinyl ether	6.812	63	610540	97.962	ug/l		100
59) 2-Hexanone	8.063	43	781191	91.062	ug/l		98
60) Dibromochloromethane	8.165	129	209660	18.652	ug/l		99
61) 1,2-Dibromoethane	8.275	107	189522	18.932	ug/l		100
64) Tetrachloroethene	7.895	164	149728	19.006	ug/l		98
65) Chlorobenzene	8.802	112	477053	18.659	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.899	131	173236	18.090	ug/l		100
67) Ethyl Benzene	8.937	91	714598	18.975	ug/l		99
68) m/p-Xylenes	9.063	106	599953	40.166	ug/l		99
69) o-Xylene	9.468	106	255191	19.346	ug/l		99
70) Styrene	9.487	104	473582	20.178	ug/l		100
71) Bromoform	9.654	173	145493	18.787	ug/l	#	99
73) Isopropylbenzene	9.853	105	726176	19.349	ug/l		100
74) N-amyl acetate	9.725	43	262340	16.964	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.165	83	285417	16.560	ug/l		100
76) 1,2,3-Trichloropropane	10.198	75	208431	16.897	ug/l		98
77) Bromobenzene	10.140	156	194441	18.846	ug/l		99
78) n-propylbenzene	10.278	91	873113	19.173	ug/l		100
79) 2-Chlorotoluene	10.345	91	548766	19.518	ug/l		100
80) 1,3,5-Trimethylbenzene	10.464	105	628719	19.974	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.927	75	86319	17.672	ug/l		99
82) 4-Chlorotoluene	10.461	91	635854	19.676	ug/l		100
83) tert-Butylbenzene	10.789	119	565360	18.088	ug/l		98
84) 1,2,4-Trimethylbenzene	10.841	105	604279	19.501	ug/l		99
85) sec-Butylbenzene	11.011	105	730091	18.475	ug/l		99
86) p-Isopropyltoluene	11.165	119	623275	18.344	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	392721	19.084	ug/l		98
88) 1,4-Dichlorobenzene	11.197	146	413908	17.972	ug/l		99
89) n-Butylbenzene	11.580	91	544830	17.219	ug/l		99
90) Hexachloroethane	11.818	117	137751	16.396	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	355117	18.140	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56405	15.916	ug/l		95
93) 1,2,4-Trichlorobenzene	13.185	180	198152	18.149	ug/l		99
94) Hexachlorobutadiene	13.368	225	79422	14.366	ug/l		98
95) Naphthalene	13.422	128	609877	17.050	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	203858	17.965	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039310.D
Acq On : 04 Nov 2025 13:12
Operator : SY/MD
Sample : VV1104WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBSD01

Quant Time: Nov 05 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

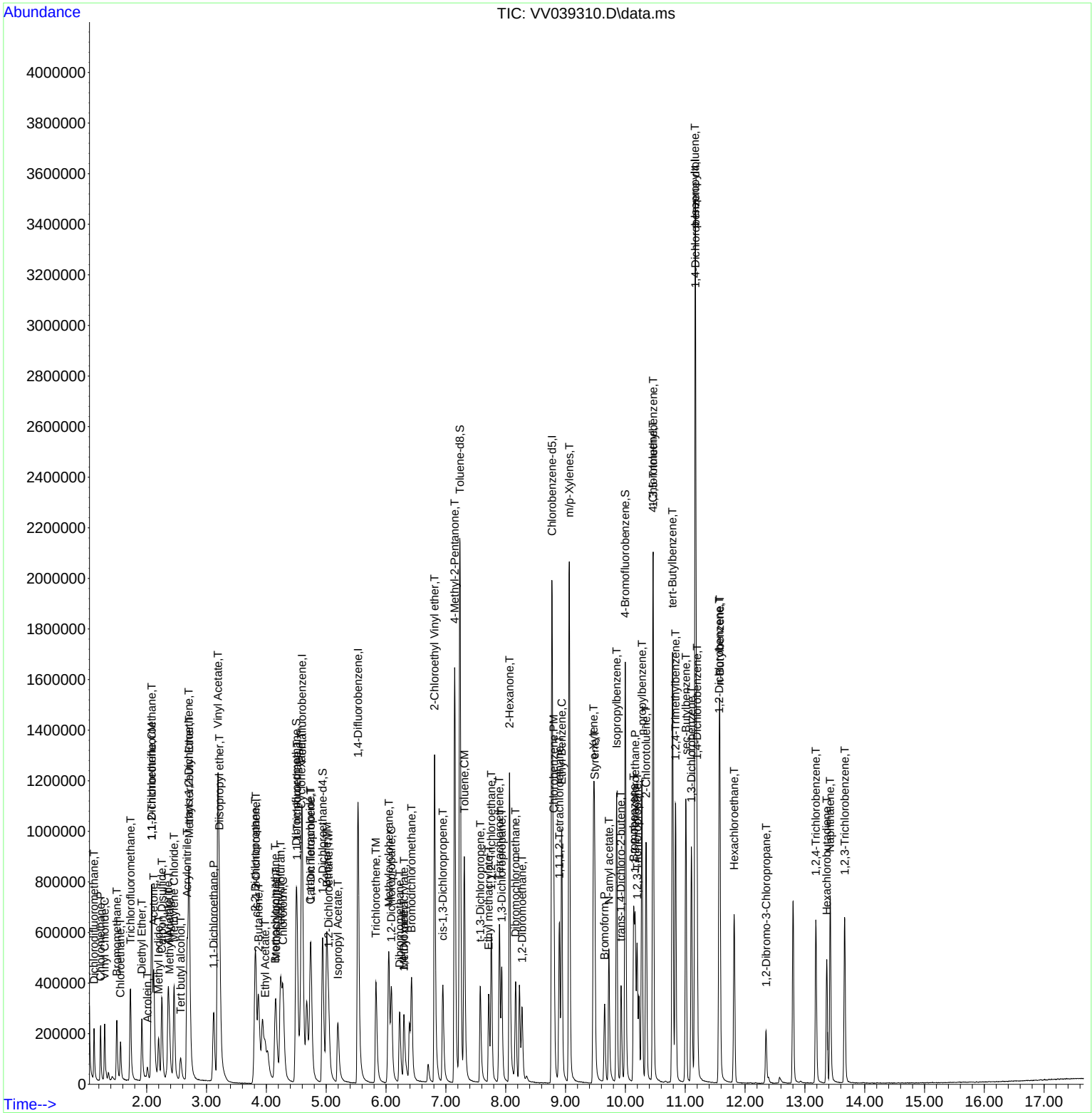
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039310.D
Acq On : 04 Nov 2025 13:12
Operator : SY/MD
Sample : VV1104WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1104WBSD01

Quant Time: Nov 05 00:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VV100725	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VV039282.D	1,1-Dichloropropene	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	1,4-Dichlorobenzene	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	1,4-Dioxane	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	2-Butanone	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	2-Hexanone	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	cis-1,2-Dichloroethene	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Ethyl methacrylate	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Methacrylonitrile	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Methyl methacrylate	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	N-amyl acetate	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Naphthalene	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Styrene	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software
VSTDICC001	VV039282.D	Tetrahydrofuran	sam	10/10/2025 3:00:51 AM	MMdadoda	10/10/2025 4:38:15 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VV100725	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VV039283.D	Ethyl Acetate	sam	10/10/2025 3:00:58 AM	MMdadoda	10/10/2025 4:38:20 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VV110425	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VV039306.D	1,4-Dioxane	Amit	11/5/2025 7:55:44 AM	MMDadoda	11/5/2025 7:56:52 AM	Peak Integrated by Software
VSTDCCC050	VV039306.D	Dichlorodifluoromethane	Amit	11/5/2025 7:55:44 AM	MMDadoda	11/5/2025 7:56:52 AM	Peak Integrated by Software
VV1104WBS01	VV039309.D	1,4-Dioxane	Amit	11/5/2025 7:55:47 AM	MMDadoda	11/5/2025 7:56:55 AM	Peak Integrated by Software
Q3534-05	VV039318.D	4-Chlorotoluene	Amit	11/5/2025 7:55:58 AM	MMDadoda	11/5/2025 7:57:21 AM	Peak Integrated by Software
Q3534-06	VV039319.D	Tetrahydrofuran	Amit	11/5/2025 7:56:02 AM	MMDadoda	11/5/2025 7:57:24 AM	Peak Integrated by Software
Q3534-07	VV039320.D	Tetrahydrofuran	Amit	11/5/2025 7:56:06 AM	MMDadoda	11/5/2025 7:57:27 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VV110525	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:01:11 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:28 AM				
SubDirectory	VV100725	HP Acquire Method	8260_V		HP Processing Method	82V100725W.M	

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039281.D	07 Oct 2025 08:25	SY/MD	Ok
2	VSTDICC001	VV039282.D	07 Oct 2025 09:40	SY/MD	Ok,M
3	VSTDICC005	VV039283.D	07 Oct 2025 10:03	SY/MD	Ok,M
4	VSTDICC010	VV039284.D	07 Oct 2025 10:25	SY/MD	Ok
5	VSTDICC020	VV039285.D	07 Oct 2025 10:47	SY/MD	Ok
6	VSTDICCC050	VV039286.D	07 Oct 2025 11:10	SY/MD	Ok
7	VSTDICC100	VV039287.D	07 Oct 2025 11:32	SY/MD	Ok
8	VIBLK	VV039288.D	07 Oct 2025 11:55	SY/MD	Ok
9	VSTDICV050	VV039289.D	07 Oct 2025 12:18	SY/MD	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110425

Review By	Amit Patel	Review On	11/5/2025 7:56:25 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/5/2025 7:57:34 AM				
SubDirectory	VV110425	HP Acquire Method	MSVOA_V		HP Processing Method	82V100725W.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136040
Initial Calibration Stds	
CCC	VP136043,VP136044
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039305.D	04 Nov 2025 10:24	SY/MD	Ok
2	VSTDCCC050	VV039306.D	04 Nov 2025 11:21	SY/MD	Ok,M
3	VV1104MBL01	VV039307.D	04 Nov 2025 11:52	SY/MD	Ok
4	VV1104WBL01	VV039308.D	04 Nov 2025 12:21	SY/MD	Ok
5	VV1104WBS01	VV039309.D	04 Nov 2025 12:49	SY/MD	Ok,M
6	VV1104WBSD01	VV039310.D	04 Nov 2025 13:12	SY/MD	Ok
7	Q3434-02	VV039311.D	04 Nov 2025 13:49	SY/MD	ReRun
8	Q3434-03	VV039312.D	04 Nov 2025 14:12	SY/MD	Ok
9	Q3434-02RE	VV039313.D	04 Nov 2025 14:34	SY/MD	Confirms
10	Q3521-03	VV039314.D	04 Nov 2025 14:56	SY/MD	Ok
11	VIBLK	VV039315.D	04 Nov 2025 15:32	SY/MD	Ok
12	Q3534-09	VV039316.D	04 Nov 2025 15:54	SY/MD	Ok
13	Q3534-10	VV039317.D	04 Nov 2025 16:17	SY/MD	Ok
14	Q3534-05	VV039318.D	04 Nov 2025 16:39	SY/MD	Ok,M
15	Q3534-06	VV039319.D	04 Nov 2025 17:02	SY/MD	Ok,M
16	Q3534-07	VV039320.D	04 Nov 2025 17:24	SY/MD	Ok,M
17	Q3534-01	VV039321.D	04 Nov 2025 17:47	SY/MD	Ok
18	Q3534-02	VV039322.D	04 Nov 2025 18:09	SY/MD	Ok
19	Q3534-03	VV039323.D	04 Nov 2025 18:32	SY/MD	ReRun
20	Q3534-04	VV039324.D	04 Nov 2025 18:54	SY/MD	Ok
21	VIBLK	VV039325.D	04 Nov 2025 19:17	SY/MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110425

Review By	Amit Patel	Review On	11/5/2025 7:56:25 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/5/2025 7:57:34 AM				
SubDirectory	VV110425	HP Acquire Method	MSVOA_V	HP Processing Method	82V100725W.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136040
Initial Calibration Stds	
CCC	VP136043,VP136044
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VV039326.D	04 Nov 2025 19:39	SY/MD	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110525

Review By	Amit Patel	Review On	11/6/2025 11:33:11 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 11:33:41 AM				
SubDirectory	VV110525	HP Acquire Method	MSVOA_V		HP Processing Method	82V100725W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136055
Initial Calibration Stds	
CCC	VP136058,VP136059
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VV039327.D	05 Nov 2025 10:37	SY/MD	Ok
2	VSTDCCC050	VV039328.D	05 Nov 2025 11:34	SY/MD	Ok
3	VV1105MBL01	VV039329.D	05 Nov 2025 12:06	SY/MD	Ok
4	VV1105WBL01	VV039330.D	05 Nov 2025 12:29	SY/MD	Ok
5	VV1105WBS01	VV039331.D	05 Nov 2025 12:55	SY/MD	Ok
6	VV1105WBSD01	VV039332.D	05 Nov 2025 13:17	SY/MD	Ok
7	Q3534-03	VV039333.D	05 Nov 2025 13:54	SY/MD	Ok
8	Q3541-01	VV039334.D	05 Nov 2025 14:17	SY/MD	Ok
9	Q3537-03	VV039335.D	05 Nov 2025 14:39	SY/MD	Ok
10	VIBLK	VV039336.D	05 Nov 2025 15:18	SY/MD	Ok
11	Q3552-06	VV039337.D	05 Nov 2025 15:50	SY/MD	Ok
12	Q3552-02	VV039338.D	05 Nov 2025 16:13	SY/MD	Ok
13	Q3552-03	VV039339.D	05 Nov 2025 16:35	SY/MD	Ok,M
14	Q3552-04	VV039340.D	05 Nov 2025 16:58	SY/MD	Ok
15	Q3552-05	VV039341.D	05 Nov 2025 17:20	SY/MD	Ok
16	Q3552-01	VV039342.D	05 Nov 2025 17:43	SY/MD	Ok,M
17	VIBLK	VV039343.D	05 Nov 2025 18:05	SY/MD	Ok
18	VIBLK	VV039344.D	05 Nov 2025 18:28	SY/MD	Ok
19	VSTDCCC050	VV039345.D	05 Nov 2025 18:50	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:01:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:28 AM		
SubDirectory	VV100725	HP Acquire Method	8260_V	HP Processing Method	82V100725W.M

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039281.D	07 Oct 2025 08:25		SY/MD	Ok
2	VSTDICC001	VSTDICC001	VV039282.D	07 Oct 2025 09:40		SY/MD	Ok,M
3	VSTDICC005	VSTDICC005	VV039283.D	07 Oct 2025 10:03		SY/MD	Ok,M
4	VSTDICC010	VSTDICC010	VV039284.D	07 Oct 2025 10:25		SY/MD	Ok
5	VSTDICC020	VSTDICC020	VV039285.D	07 Oct 2025 10:47	Comp. #06,13,16,20,41,58 on Linear Regression	SY/MD	Ok
6	VSTDICCC050	VSTDICCC050	VV039286.D	07 Oct 2025 11:10		SY/MD	Ok
7	VSTDICC100	VSTDICC100	VV039287.D	07 Oct 2025 11:32		SY/MD	Ok
8	VIBLK	VIBLK	VV039288.D	07 Oct 2025 11:55		SY/MD	Ok
9	VSTDICV050	ICVVV100725	VV039289.D	07 Oct 2025 12:18		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110425

Review By	Amit Patel	Review On	11/5/2025 7:56:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/5/2025 7:57:34 AM		
SubDirectory	VV110425	HP Acquire Method	MSVOA_V	HP Processing Method	82V100725W.m

STD. NAME	STD REF.#
Tune/Reschk	VP136040
Initial Calibration Stds	
CCC	VP136043,VP136044
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039305.D	04 Nov 2025 10:24		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039306.D	04 Nov 2025 11:21	Comp. #02 failed low	SY/MD	Ok,M
3	VV1104MBL01	VV1104MBL01	VV039307.D	04 Nov 2025 11:52		SY/MD	Ok
4	VV1104WBL01	VV1104WBL01	VV039308.D	04 Nov 2025 12:21		SY/MD	Ok
5	VV1104WBS01	VV1104WBS01	VV039309.D	04 Nov 2025 12:49		SY/MD	Ok,M
6	VV1104WBSD01	VV1104WBSD01	VV039310.D	04 Nov 2025 13:12		SY/MD	Ok
7	Q3434-02	PR132-WC2-20251022	VV039311.D	04 Nov 2025 13:49	pH<2A, Surrogate Fail	SY/MD	ReRun
8	Q3434-03	TB	VV039312.D	04 Nov 2025 14:12	pH<2A,TB	SY/MD	Ok
9	Q3434-02RE	PR132-WC2-20251022	VV039313.D	04 Nov 2025 14:34	pH<2B, Surrogate Fail	SY/MD	Confirms
10	Q3521-03	TANK-2025	VV039314.D	04 Nov 2025 14:56		SY/MD	Ok
11	VIBLK	VIBLK	VV039315.D	04 Nov 2025 15:32		SY/MD	Ok
12	Q3534-09	FB-1	VV039316.D	04 Nov 2025 15:54	pH<2A ,FB	SY/MD	Ok
13	Q3534-10	EB-1	VV039317.D	04 Nov 2025 16:17	pH<2A ,EB	SY/MD	Ok
14	Q3534-05	MW-EB-1	VV039318.D	04 Nov 2025 16:39	pH<2A	SY/MD	Ok,M
15	Q3534-06	MW-EB-2	VV039319.D	04 Nov 2025 17:02	pH<2A	SY/MD	Ok,M
16	Q3534-07	MW-EB-3	VV039320.D	04 Nov 2025 17:24	pH<2A	SY/MD	Ok,M
17	Q3534-01	MW-6	VV039321.D	04 Nov 2025 17:47	pH<2A	SY/MD	Ok
18	Q3534-02	MW-1	VV039322.D	04 Nov 2025 18:09	pH<2A	SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110425

Review By	Amit Patel	Review On	11/5/2025 7:56:25 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/5/2025 7:57:34 AM		
SubDirectory	VV110425	HP Acquire Method	MSVOA_V	HP Processing Method	82V100725W.m

STD. NAME	STD REF.#
Tune/Reschk	VP136040
Initial Calibration Stds	
CCC	VP136043,VP136044
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3534-03	MW-11	VV039323.D	04 Nov 2025 18:32	pH<2A ,Surrogate Fail	SY/MD	ReRun
20	Q3534-04	MW-5	VV039324.D	04 Nov 2025 18:54	pH<2A	SY/MD	Ok
21	VIBLK	VIBLK	VV039325.D	04 Nov 2025 19:17		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VV039326.D	04 Nov 2025 19:39		SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110525

Review By	Amit Patel	Review On	11/6/2025 11:33:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 11:33:41 AM		
SubDirectory	VV110525	HP Acquire Method	MSVOA_V	HP Processing Method	82V100725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136055
Initial Calibration Stds	
CCC	VP136058,VP136059
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VV039327.D	05 Nov 2025 10:37	pH#lot#v14222	SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VV039328.D	05 Nov 2025 11:34	CCC failed Low For Com.#02	SY/MD	Ok
3	VV1105MBL01	VV1105MBL01	VV039329.D	05 Nov 2025 12:06		SY/MD	Ok
4	VV1105WBL01	VV1105WBL01	VV039330.D	05 Nov 2025 12:29		SY/MD	Ok
5	VV1105WBS01	VV1105WBS01	VV039331.D	05 Nov 2025 12:55		SY/MD	Ok
6	VV1105WBSD01	VV1105WBSD01	VV039332.D	05 Nov 2025 13:17		SY/MD	Ok
7	Q3534-03	MW-11	VV039333.D	05 Nov 2025 13:54	pH<2.0 B	SY/MD	Ok
8	Q3541-01	N48969	VV039334.D	05 Nov 2025 14:17	pH<2.0 B	SY/MD	Ok
9	Q3537-03	MW-17-PURGE-WATE	VV039335.D	05 Nov 2025 14:39	pH<2.0 B	SY/MD	Ok
10	VIBLK	VIBLK	VV039336.D	05 Nov 2025 15:18		SY/MD	Ok
11	Q3552-06	TB	VV039337.D	05 Nov 2025 15:50	pH<2.0 A ,TB	SY/MD	Ok
12	Q3552-02	MW-8	VV039338.D	05 Nov 2025 16:13	pH<2.0 A	SY/MD	Ok
13	Q3552-03	MW-9	VV039339.D	05 Nov 2025 16:35	pH<2.0 A	SY/MD	Ok,M
14	Q3552-04	MW-10	VV039340.D	05 Nov 2025 16:58	pH<2.0 A	SY/MD	Ok
15	Q3552-05	MW-3	VV039341.D	05 Nov 2025 17:20	pH<2.0 A	SY/MD	Ok
16	Q3552-01	MW-4	VV039342.D	05 Nov 2025 17:43	pH<2.0 A	SY/MD	Ok,M
17	VIBLK	VIBLK	VV039343.D	05 Nov 2025 18:05		SY/MD	Ok
18	VIBLK	VIBLK	VV039344.D	05 Nov 2025 18:28		SY/MD	Ok

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Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV110525

Review By	Amit Patel	Review On	11/6/2025 11:33:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 11:33:41 AM		
SubDirectory	VV110525	HP Acquire Method	MSVOA_V	HP Processing Method	82V100725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136055
Initial Calibration Stds	
CCC	VP136058,VP136059
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VV039345.D	05 Nov 2025 18:50		SY/MD	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**Water**			**11/03/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-02	**MW-1**	**Water**			**11/03/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-03	**MW-11**	**Water**			**11/03/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3534-04	**MW-5**	**Water**			**11/04/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-05	**MW-EB-1**	**Water**			**11/03/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-06	**MW-EB-2**	**Water**			**11/04/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-07	**MW-EB-3**	**Water**			**11/03/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-09	**FB-1**	**Water**			**11/04/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	
Q3534-10	**EB-1**	**Water**			**11/04/25**			**11/04/25**
			VOC-TCLVOA-10	8260-Low			11/04/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-6								
Q3534-01	MW-6	WATER	1,4-Dioxane	14.900	E	0.07	0.21	ug/L
			Total Svoc :	**14.90**				
			Total Concentration:	**14.90**				
Client ID : MW-6DL								
Q3534-01DL	MW-6DL	WATER	1,4-Dioxane	22.400	D	0.69	2.1	ug/L
			Total Svoc :	**22.40**				
			Total Concentration:	**22.40**				
Client ID : MW-1								
Q3534-02	MW-1	WATER	1,4-Dioxane	62.800	E	0.07	0.21	ug/L
			Total Svoc :	**62.80**				
			Total Concentration:	**62.80**				
Client ID : MW-1DL								
Q3534-02DL	MW-1DL	WATER	1,4-Dioxane	73.100	D	2.1	6.4	ug/L
			Total Svoc :	**73.10**				
			Total Concentration:	**73.10**				
Client ID : MW-11								
Q3534-03	MW-11	WATER	1,4-Dioxane	5.200	E	0.07	0.2	ug/L
			Total Svoc :	**5.20**				
			Total Concentration:	**5.20**				
Client ID : MW-11DL								
Q3534-03DL	MW-11DL	WATER	1,4-Dioxane	5.600	D	0.13	0.41	ug/L
			Total Svoc :	**5.60**				
			Total Concentration:	**5.60**				
Client ID : MW-5								
Q3534-04	MW-5	WATER	1,4-Dioxane	3.300		0.07	0.21	ug/L
			Total Svoc :	**3.30**				
			Total Concentration:	**3.30**				
Client ID : MW-EB-1								
Q3534-05	MW-EB-1	WATER	1,4-Dioxane	6.300	E	0.07	0.2	ug/L
			Total Svoc :	**6.30**				
			Total Concentration:	**6.30**				
Client ID : MW-EB-1DL								
Q3534-05DL	MW-EB-1DL	WATER	1,4-Dioxane	6.700	D	0.13	0.4	ug/L
			Total Svoc :	**6.70**				

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**6.70**		
Client ID : MW-EB-2								
Q3534-06	MW-EB-2	WATER	1,4-Dioxane	3.600		0.07	0.2	ug/L
			Total Svoc :			**3.60**		
			Total Concentration:			**3.60**		
Client ID : MW-EB-3								
Q3534-07	MW-EB-3	WATER	1,4-Dioxane	2.300		0.07	0.21	ug/L
			Total Svoc :			**2.30**		
			Total Concentration:			**2.30**		

SAMPLE DATA

Raw Data: **BN038149.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-6			SDG No.:	Q3534
Lab Sample ID:	Q3534-01			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	14.9	E	1	0.070	0.21	ug/L	11/07/25 10:52	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.30			30 (20) - 150 (139)	76%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	92%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (27) - 130 (154)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.24			30 (30) - 130 (155)	59%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52	*		30 (54) - 130 (175)	131%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	10200							
1146-65-2	Naphthalene-d8	31700							
15067-26-2	Acenaphthene-d10	28700							
1517-22-2	Phenanthrene-d10	36400							
1719-03-5	Chrysene-d12	24100							
1520-96-3	Perylene-d12	20100							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038169.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-6DL			SDG No.:	Q3534
Lab Sample ID:	Q3534-01DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	22.4	D	10	0.69	2.10	ug/L	11/08/25 00:44	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.50			30 (20) - 150 (139)	125%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.49			30 (54) - 150 (157)	123%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.53	*		30 (27) - 130 (154)	132%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.66	*		30 (30) - 130 (155)	165%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.84	*		30 (54) - 130 (175)	210%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9040							
1146-65-2	Naphthalene-d8	29100							
15067-26-2	Acenaphthene-d10	18400							
1517-22-2	Phenanthrene-d10	32800							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	16400							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038150.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-02			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	62.8	E	1	0.070	0.21	ug/L	11/07/25 11:27	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.37			30 (54) - 150 (157)	93%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (27) - 130 (154)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	76%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.51			30 (54) - 130 (175)	127%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	10700							
1146-65-2	Naphthalene-d8	34500							
15067-26-2	Acenaphthene-d10	21100							
1517-22-2	Phenanthrene-d10	39300							
1719-03-5	Chrysene-d12	27000							
1520-96-3	Perylene-d12	21900							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038170.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1DL	SDG No.:	Q3534
Lab Sample ID:	Q3534-02DL	Matrix:	Water
Analytical Method:	SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	73.1	D	30	2.10	6.40	ug/L	11/08/25 01:20	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.66	*		30 (27) - 130 (154)	165%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.93	*		30 (30) - 130 (155)	233%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.69	*		30 (54) - 130 (175)	173%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8100							
1146-65-2	Naphthalene-d8	25500							
15067-26-2	Acenaphthene-d10	15000							
1517-22-2	Phenanthrene-d10	26000							
1719-03-5	Chrysene-d12	14800							
1520-96-3	Perylene-d12	14000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038151.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-11			SDG No.:	Q3534
Lab Sample ID:	Q3534-03			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	5.20	E	1	0.070	0.20	ug/L	11/07/25 12:04	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	81%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.35			30 (27) - 130 (154)	88%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (30) - 130 (155)	91%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.55	*		30 (54) - 130 (175)	138%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	11100							
1146-65-2	Naphthalene-d8	33200							
15067-26-2	Acenaphthene-d10	19200							
1517-22-2	Phenanthrene-d10	36500							
1719-03-5	Chrysene-d12	22600							
1520-96-3	Perylene-d12	19300							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038171.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-11DL			SDG No.:	Q3534
Lab Sample ID:	Q3534-03DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	5.60	D	2	0.13	0.41	ug/L	11/08/25 01:57	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (20) - 150 (139)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	82%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.41			30 (30) - 130 (155)	101%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	134%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8390							
1146-65-2	Naphthalene-d8	25400							
15067-26-2	Acenaphthene-d10	14600							
1517-22-2	Phenanthrene-d10	24500							
1719-03-5	Chrysene-d12	14000							
1520-96-3	Perylene-d12	14200							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038157.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-5			SDG No.:	Q3534
Lab Sample ID:	Q3534-04			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	3.30		1	0.070	0.21	ug/L	11/07/25 16:46	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	89%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.38			30 (54) - 150 (157)	94%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.36			30 (30) - 130 (155)	89%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	11200							
1146-65-2	Naphthalene-d8	37200							
15067-26-2	Acenaphthene-d10	24000							
1517-22-2	Phenanthrene-d10	44300							
1719-03-5	Chrysene-d12	29500							
1520-96-3	Perylene-d12	25000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038155.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-05			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	6.30	E	1	0.070	0.20	ug/L	11/07/25 15:33	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (20) - 150 (139)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	89%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.13			30 (30) - 130 (155)	32%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	136%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	10900							
1146-65-2	Naphthalene-d8	36100							
15067-26-2	Acenaphthene-d10	60200							
1517-22-2	Phenanthrene-d10	41500							
1719-03-5	Chrysene-d12	24600							
1520-96-3	Perylene-d12	21600							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038176.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1DL			SDG No.:	Q3534
Lab Sample ID:	Q3534-05DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	6.70	D	2	0.13	0.40	ug/L	11/10/25 11:26	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.38			30 (20) - 150 (139)	95%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.40			30 (54) - 150 (157)	101%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (27) - 130 (154)	97%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.21			30 (30) - 130 (155)	53%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.55	*		30 (54) - 130 (175)	138%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9990							
1146-65-2	Naphthalene-d8	33100							
15067-26-2	Acenaphthene-d10	39700							
1517-22-2	Phenanthrene-d10	43600							
1719-03-5	Chrysene-d12	31500							
1520-96-3	Perylene-d12	25900							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038158.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-2			SDG No.:	Q3534
Lab Sample ID:	Q3534-06			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	3.60		1	0.070	0.20	ug/L	11/07/25 17:21	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	80%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (27) - 130 (154)	82%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.36			30 (30) - 130 (155)	90%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	115%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8890							
1146-65-2	Naphthalene-d8	29100							
15067-26-2	Acenaphthene-d10	16800							
1517-22-2	Phenanthrene-d10	27800							
1719-03-5	Chrysene-d12	18100							
1520-96-3	Perylene-d12	18600							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038159.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-3			SDG No.:	Q3534
Lab Sample ID:	Q3534-07			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	2.30		1	0.070	0.21	ug/L	11/07/25 17:58	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (20) - 150 (139)	73%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.31			30 (54) - 150 (157)	78%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.28			30 (27) - 130 (154)	70%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.31			30 (30) - 130 (155)	77%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9140							
1146-65-2	Naphthalene-d8	30200							
15067-26-2	Acenaphthene-d10	18600							
1517-22-2	Phenanthrene-d10	32700							
1719-03-5	Chrysene-d12	18300							
1520-96-3	Perylene-d12	17300							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038167.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	FB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-09			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	500 mL	Final Vol:	500 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/07/25 23:31	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.071			30 (20) - 150 (139)	36%	SPK: 0.2		
93951-69-0	Fluoranthene-d10	0.083			30 (54) - 150 (157)	41%	SPK: 0.2		
4165-60-0	Nitrobenzene-d5	0.079			30 (27) - 130 (154)	40%	SPK: 0.2		
321-60-8	2-Fluorobiphenyl	0.098			30 (30) - 130 (155)	49%	SPK: 0.2		
1718-51-0	Terphenyl-d14	0.14			30 (54) - 130 (175)	70%	SPK: 0.2		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	15000							
1146-65-2	Naphthalene-d8	45100							
15067-26-2	Acenaphthene-d10	24900							
1517-22-2	Phenanthrene-d10	41400							
1719-03-5	Chrysene-d12	24800							
1520-96-3	Perylene-d12	24100							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038168.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-10			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	500 mL	Final Vol:	500 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/08/25 00:07	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.14			30 (20) - 150 (139)	69%	SPK: 0.2		
93951-69-0	Fluoranthene-d10	0.15			30 (54) - 150 (157)	76%	SPK: 0.2		
4165-60-0	Nitrobenzene-d5	0.15			30 (27) - 130 (154)	75%	SPK: 0.2		
321-60-8	2-Fluorobiphenyl	0.17			30 (30) - 130 (155)	87%	SPK: 0.2		
1718-51-0	Terphenyl-d14	0.28	*		30 (54) - 130 (175)	142%	SPK: 0.2		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	7470							
1146-65-2	Naphthalene-d8	23000							
15067-26-2	Acenaphthene-d10	12700							
1517-22-2	Phenanthrene-d10	20500							
1719-03-5	Chrysene-d12	12500							
1520-96-3	Perylene-d12	12600							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170427BL	PB170427BL	2-Methylnaphthalene-d10	0.4	0.37	92		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.38	95		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	98		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	129		30 (54)	130 (175)
PB170427BS	PB170427BS	2-Methylnaphthalene-d10	0.4	0.35	88		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	110		30 (54)	130 (175)
PB170427BSD	PB170427BSD	2-Methylnaphthalene-d10	0.4	0.37	93		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	74		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	91		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	94		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	118		30 (54)	130 (175)
Q3534-01	MW-6	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.24	59		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.52	131	*	30 (54)	130 (175)
Q3534-01DL	MW-6DL	2-Methylnaphthalene-d10	0.4	0.50	125		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.49	123		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.53	132	*	30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.66	165	*	30 (30)	130 (155)
		Terphenyl-d14	0.4	0.84	210	*	30 (54)	130 (175)
Q3534-02	MW-1	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.51	127		30 (54)	130 (175)
Q3534-02DL	MW-1DL	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.66	165	*	30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.93	233	*	30 (30)	130 (155)
		Terphenyl-d14	0.4	0.69	173	*	30 (54)	130 (175)
Q3534-03	MW-11	2-Methylnaphthalene-d10	0.4	0.33	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.55	138	*	30 (54)	130 (175)
Q3534-03DL	MW-11DL	2-Methylnaphthalene-d10	0.4	0.34	84		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	82		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.41	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	134	*	30 (54)	130 (175)
Q3534-04	MW-5	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	89		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
Q3534-05	MW-EB-1	2-Methylnaphthalene-d10	0.4	0.34	84		30 (20)	150 (139)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3534-05	MW-EB-1	Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.13	32		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	136	*	30 (54)	130 (175)
Q3534-05DL	MW-EB-1DL	2-Methylnaphthalene-d10	0.4	0.38	95		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	101		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.21	53		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.55	138	*	30 (54)	130 (175)
Q3534-06	MW-EB-2	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.46	115		30 (54)	130 (175)
Q3534-07	MW-EB-3	2-Methylnaphthalene-d10	0.4	0.29	73		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	78		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.28	70		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	77		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
Q3534-09	FB-1	2-Methylnaphthalene-d10	0.2	0.071	36		30 (20)	150 (139)
		Fluoranthene-d10	0.2	0.083	41		30 (54)	150 (157)
		Nitrobenzene-d5	0.2	0.079	40		30 (27)	130 (154)
		2-Fluorobiphenyl	0.2	0.098	49		30 (30)	130 (155)
		Terphenyl-d14	0.2	0.14	70		30 (54)	130 (175)
Q3534-10	EB-1	2-Methylnaphthalene-d10	0.2	0.14	69		30 (20)	150 (139)
		Fluoranthene-d10	0.2	0.15	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.2	0.15	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.2	0.17	87		30 (30)	130 (155)
		Terphenyl-d14	0.2	0.28	142	*	30 (54)	130 (175)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038152.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170427BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038153.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170427BSD	1,4-Dioxane	0.4	0.30	ug/L	75	6			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170427BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: BN038175.D | Lab Sample ID: PB170427BL

Instrument ID: BNA_N | Date Extracted: 11/06/2025

Matrix: (soil/water) Water | Date Analyzed: 11/10/2025

Level: (low/med) LOW | Time Analyzed: 10:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170427BS	PB170427BS	BN038152.D	11/07/2025
PB170427BSD	PB170427BSD	BN038153.D	11/07/2025
MW-6	Q3534-01	BN038149.D	11/07/2025
MW-1	Q3534-02	BN038150.D	11/07/2025
MW-11	Q3534-03	BN038151.D	11/07/2025
MW-5	Q3534-04	BN038157.D	11/07/2025
MW-EB-1	Q3534-05	BN038155.D	11/07/2025
MW-EB-2	Q3534-06	BN038158.D	11/07/2025
MW-EB-3	Q3534-07	BN038159.D	11/07/2025
FB-1	Q3534-09	BN038167.D	11/07/2025
EB-1	Q3534-10	BN038168.D	11/08/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BN038110.D DFTPP Injection Date: 10/28/2025

Instrument ID: BNA_N DFTPP Injection Time: 12:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	85.3
443	15.0 - 24.0% of mass 442	17 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN038111.D	10/28/2025	13:00
SSTDICC0.2	SSTDICC0.2	BN038112.D	10/28/2025	13:36
SSTDICCC0.4	SSTDICCC0.4	BN038113.D	10/28/2025	14:13
SSTDICC0.8	SSTDICC0.8	BN038114.D	10/28/2025	14:49
SSTDICC1.6	SSTDICC1.6	BN038115.D	10/28/2025	15:25
SSTDICC3.2	SSTDICC3.2	BN038116.D	10/28/2025	16:02
SSTDICC5.0	SSTDICC5.0	BN038117.D	10/28/2025	16:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: BN038146.D | DFTPP Injection Date: 11/07/2025

Instrument ID: BNA_N | DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	98.3
443	15.0 - 24.0% of mass 442	19.4 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038147.D	11/07/2025	09:39
MW-6	Q3534-01	BN038149.D	11/07/2025	10:52
MW-1	Q3534-02	BN038150.D	11/07/2025	11:27
MW-11	Q3534-03	BN038151.D	11/07/2025	12:04
PB170427BS	PB170427BS	BN038152.D	11/07/2025	13:44
PB170427BSD	PB170427BSD	BN038153.D	11/07/2025	14:20
MW-EB-1	Q3534-05	BN038155.D	11/07/2025	15:33
MW-5	Q3534-04	BN038157.D	11/07/2025	16:46
MW-EB-2	Q3534-06	BN038158.D	11/07/2025	17:21
MW-EB-3	Q3534-07	BN038159.D	11/07/2025	17:58

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BN038164.D DFTPP Injection Date: 11/07/2025

Instrument ID: BNA_N DFTPP Injection Time: 21:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	99.5
443	15.0 - 24.0% of mass 442	20.5 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038165.D	11/07/2025	22:18
FB-1	Q3534-09	BN038167.D	11/07/2025	23:31
EB-1	Q3534-10	BN038168.D	11/08/2025	00:07
MW-6DL	Q3534-01DL	BN038169.D	11/08/2025	00:44
MW-1DL	Q3534-02DL	BN038170.D	11/08/2025	01:20
MW-11DL	Q3534-03DL	BN038171.D	11/08/2025	01:57

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BN038173.D DFTPP Injection Date: 11/10/2025

Instrument ID: BNA_N DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	83.2
443	15.0 - 24.0% of mass 442	16.3 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN038174.D	11/10/2025	10:14
PB170427BL	PB170427BL	BN038175.D	11/10/2025	10:50
MW-EB-1DL	Q3534-05DL	BN038176.D	11/10/2025	11:26

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC0.4 Date Analyzed: 11/07/2025

Lab File ID: BN038147.D Time Analyzed: 09:39

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	8319	7.775	24620	10.57	13514		14.43
	UPPER LIMIT	16638	8.275	49240	11.073	27028		14.93
	LOWER LIMIT	4159.5	7.275	12310	10.073	6757		13.93
	EPA SAMPLE NO.							
01	PB170427BS	9551	7.79	28713	10.58	15548		14.44
02	PB170427BSD	10026	7.78	28983	10.57	15515		14.43
03	MW-6	10192	7.78	31652	10.57	28745	*	14.43
04	MW-1	10682	7.78	34512	10.57	21143		14.43
05	MW-11	11126	7.78	33175	10.57	19180		14.43
06	MW-5	11219	7.78	37220	10.57	24015		14.43
07	MW-EB-1	10875	7.78	36113	10.57	60230	*	14.43
08	MW-EB-2	8893	7.77	29066	10.57	16810		14.43
09	MW-EB-3	9137	7.78	30158	10.57	18614		14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC0.4 Date Analyzed: 11/07/2025

Lab File ID: BN038147.D Time Analyzed: 09:39

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	25821	17.186	19154	21.375	16199	23.683
	UPPER LIMIT	51642	17.686	38308	21.875	32398	24.183
	LOWER LIMIT	12910.5	16.686	9577	20.875	8099.5	23.183
	EPA SAMPLE NO.						
01	PB170427BS	28280	17.19	19896	21.38	16901	23.70
02	PB170427BSD	27421	17.19	14748	21.38	12843	23.69
03	MW-6	36418	17.19	24102	21.38	20067	23.68
04	MW-1	39293	17.19	27007	21.38	21896	23.68
05	MW-11	36543	17.19	22615	21.38	19271	23.68
06	MW-5	44332	17.19	29531	21.38	25013	23.69
07	MW-EB-1	41457	17.19	24620	21.38	21598	23.69
08	MW-EB-2	27804	17.19	18112	21.38	18619	23.69
09	MW-EB-3	32744	17.19	18258	21.38	17319	23.69

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC0.4 Date Analyzed: 11/07/2025

Lab File ID: BN038165.D Time Analyzed: 22:18

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	9349	7.775	29936	10.57	17702	14.43
	UPPER LIMIT	18698	8.275	59872	11.073	35404	14.93
	LOWER LIMIT	4674.5	7.275	14968	10.073	8851	13.93
	EPA SAMPLE NO.						
01	MW-6DL	9036	7.78	29109	10.57	18416	14.43
02	MW-1DL	8096	7.78	25457	10.57	14977	14.43
03	MW-11DL	8387	7.78	25419	10.57	14582	14.43
04	FB-1	14967	7.78	45140	10.57	24883	14.43
05	EB-1	7465	7.78	23044	10.57	12718	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC0.4 Date Analyzed: 11/07/2025

Lab File ID: BN038165.D Time Analyzed: 22:18

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	32727	17.186	20278	21.375	17474	23.686
	UPPER LIMIT	65454	17.686	40556	21.875	34948	24.186
	LOWER LIMIT	16363.5	16.686	10139	20.875	8737	23.186
	EPA SAMPLE NO.						
01	MW-6DL	32776	17.19	18818	21.38	16362	23.68
02	MW-1DL	25954	17.19	14825	21.38	13976	23.68
03	MW-11DL	24478	17.19	14041	21.38	14209	23.68
04	FB-1	41414	17.19	24824	21.38	24058	23.69
05	EB-1	20516	17.19	12475	21.38	12586	23.68

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC0.4 Date Analyzed: 11/10/2025

Lab File ID: BN038174.D Time Analyzed: 10:14

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	8757	7.782	27774	10.58	15906	14.44
	UPPER LIMIT	17514	8.282	55548	11.084	31812	14.941
	LOWER LIMIT	4378.5	7.282	13887	10.084	7953	13.941
	EPA SAMPLE NO.						
01	PB170427BL	8905	7.78	26771	10.57	15040	14.43
02	MW-EB-1DL	9993	7.78	33147	10.57	39685 *	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC0.4 Date Analyzed: 11/10/2025

Lab File ID: BN038174.D Time Analyzed: 10:14

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	29029	17.186	18717	21.375	15819	23.689
	UPPER LIMIT	58058	17.686	37434	21.875	31638	24.189
	LOWER LIMIT	14514.5	16.686	9358.5	20.875	7909.5	23.189
	EPA SAMPLE NO.						
01	PB170427BL	27324	17.19	18808	21.38	16112	23.69
02	MW-EB-1DL	43630	17.19	31483	21.38	25895	23.69

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **BN038175.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170427BL			SDG No.:	Q3534
Lab Sample ID:	PB170427BL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/10/25 10:50	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (20) - 150 (139)	92%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	91%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.38			30 (27) - 130 (154)	95%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.39			30 (30) - 130 (155)	98%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52			30 (54) - 130 (175)	129%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8910							
1146-65-2	Naphthalene-d8	26800							
15067-26-2	Acenaphthene-d10	15000							
1517-22-2	Phenanthrene-d10	27300							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	16100							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038152.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170427BS			SDG No.:	Q3534
Lab Sample ID:	PB170427BS			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.32		1	0.070	0.20	ug/L	11/07/25 13:44	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (20) - 150 (139)	88%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (27) - 130 (154)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.40			30 (30) - 130 (155)	99%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.44			30 (54) - 130 (175)	110%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9550							
1146-65-2	Naphthalene-d8	28700							
15067-26-2	Acenaphthene-d10	15500							
1517-22-2	Phenanthrene-d10	28300							
1719-03-5	Chrysene-d12	19900							
1520-96-3	Perylene-d12	16900							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BN038153.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170427BSD			SDG No.:	Q3534
Lab Sample ID:	PB170427BSD			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.30		1	0.070	0.20	ug/L	11/07/25 14:20	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (20) - 150 (139)	93%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.29			30 (54) - 150 (157)	74%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (30) - 130 (155)	94%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.47			30 (54) - 130 (175)	118%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	10000							
1146-65-2	Naphthalene-d8	29000							
15067-26-2	Acenaphthene-d10	15500							
1517-22-2	Phenanthrene-d10	27400							
1719-03-5	Chrysene-d12	14700							
1520-96-3	Perylene-d12	12800							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN102825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 29 13:09:46 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN038111.D 0.2 =BN038112.D 0.4 =BN038113.D 0.8 =BN038114.D 1.6 =BN038115.D 3.2 =BN038116.D 5 =BN038117.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.446	0.424	0.405	0.416	0.400	0.389	0.413		4.87
3)		n-Nitrosodimet...	0.528	0.537	0.527	0.547	0.534	0.518	0.532		1.85
4)	S	2-Fluorophenol	1.066	0.973	0.954	0.907	0.918	0.895	0.882	0.942	6.73
5)	S	Phenol-d6	1.266	1.134	1.134	1.097	1.131	1.135	1.137	1.148	4.71
6)		bis(2-Chloroet...	1.164	1.140	1.126	1.122	1.148	1.114	1.079	1.128	2.42
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.403	0.312	0.313	0.301	0.316	0.307	0.307	0.323	11.11
9)		Naphthalene	1.139	1.097	1.081	1.080	1.125	1.107	1.084	1.102	2.08
10)		Hexachlorobuta...	0.198	0.187	0.187	0.182	0.188	0.183	0.177	0.186	3.49
11)	SURR	2-Methylnaphth...	0.581	0.569	0.551	0.549	0.586	0.584	0.579	0.571	2.69
12)		2-Methylnaphth...	0.765	0.712	0.709	0.713	0.757	0.749	0.738	0.735	3.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.156	0.151	0.149	0.152	0.171	0.182	0.194	0.165	10.70
15)	S	2-Fluorobiphenyl	1.794	1.649	1.577	1.570	1.615	1.514	1.495	1.602	6.24
16)		Acenaphthylene	1.768	1.728	1.711	1.764	1.891	1.912	1.908	1.811	4.88
17)		Acenaphthene	1.260	1.242	1.211	1.234	1.318	1.310	1.297	1.267	3.25
18)		Fluorene	1.549	1.618	1.596	1.635	1.768	1.731	1.729	1.661	4.93
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.041	0.045	0.051	0.064	0.073		0.055		24.55
21)		4-Bromophenyl-...	0.260	0.251	0.250	0.256	0.274	0.271	0.275	0.262	4.06
22)		Hexachlorobenzene	0.304	0.292	0.298	0.293	0.306	0.297	0.298	0.298	1.76
23)		Atrazine	0.190	0.176	0.176	0.179	0.203	0.209	0.211	0.192	8.19
24)		Pentachlorophenol	0.112	0.108	0.113	0.132	0.146	0.159	0.128		16.16
25)		Phenanthrene	1.281	1.231	1.224	1.236	1.327	1.293	1.298	1.270	3.12
26)		Anthracene	1.076	1.029	1.047	1.057	1.182	1.183	1.202	1.111	6.72
27)	SURR	Fluoranthene-d10	1.040	0.969	0.957	0.981	1.050	1.055	1.009	1.009	4.01
28)		Fluoranthene	1.448	1.349	1.345	1.394	1.492	1.491	1.414	1.419	4.30
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.834	1.853	1.842	1.664	1.835	1.766	1.846	1.806	3.82
31)	S	Terphenyl-d14	0.878	0.881	0.872	0.807	0.892	0.862	0.891	0.869	3.37
32)		Benzo(a)anthra...	1.491	1.379	1.358	1.363	1.469	1.474	1.456	1.427	4.06
33)		Chrysene	1.623	1.586	1.543	1.523	1.558	1.518	1.490	1.549	2.91
34)		Bis(2-ethylhex...	0.910	0.722	0.700	0.721	0.754	0.703	0.752		10.60
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN102825.M

36)		Indeno(1,2,3-c...	1.521	1.512	1.604	1.620	1.730	1.739	1.778	1.643	6.53
37)		Benzo(b)fluora...	1.603	1.543	1.630	1.729	1.806	1.839	1.822	1.710	6.94
38)		Benzo(k)fluora...	1.652	1.590	1.619	1.669	1.831	1.835	1.855	1.721	6.62
39)	C	Benzo(a)pyrene	1.344	1.276	1.316	1.314	1.420	1.451	1.462	1.369	5.44
40)		Dibenzo(a,h)an...	1.149	1.150	1.196	1.240	1.352	1.363	1.402	1.265	8.42
41)		Benzo(g,h,i)pe...	1.402	1.365	1.426	1.432	1.499	1.477	1.509	1.444	3.66

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_N Calibration Date/Time: 11/07/2025 09:39

Lab File ID: BN038147.D Init. Calib. Date(s): 10/28/2025 10/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 13:00 16:38

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.545		-4.6	20.0
Fluoranthene-d10	1.008	0.947		-6.1	20.0
2-Fluorophenol	0.943	0.847		-10.2	20.0
Phenol-d6	1.148	1.036		-9.8	20.0
Nitrobenzene-d5	0.323	0.310		-4.0	20.0
2-Fluorobiphenyl	1.602	1.557		-2.8	20.0
2,4,6-Tribromophenol	0.165	0.133		-19.4	20.0
Terphenyl-d14	0.869	0.848		-2.4	20.0
1,4-Dioxane	0.416	0.407		-2.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_N Calibration Date/Time: 11/07/2025 22:18

Lab File ID: BN038165.D Init. Calib. Date(s): 10/28/2025 10/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 13:00 16:38

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.573		0.3	20.0
Fluoranthene-d10	1.008	0.902		-10.5	20.0
2-Fluorophenol	0.943	1.018		8.0	20.0
Phenol-d6	1.148	1.267		10.4	20.0
Nitrobenzene-d5	0.323	0.324		0.3	20.0
2-Fluorobiphenyl	1.602	1.451		-9.4	20.0
2,4,6-Tribromophenol	0.165	0.143		-13.3	20.0
Terphenyl-d14	0.869	0.993		14.3	20.0
1,4-Dioxane	0.416	0.399		-4.1	20.0

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_N Calibration Date/Time: 11/10/2025 10:14

Lab File ID: BN038174.D Init. Calib. Date(s): 10/28/2025 10/28/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 13:00 16:38

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.571	0.561		-1.8	20.0
Fluoranthene-d10	1.008	0.917		-9.0	20.0
2-Fluorophenol	0.943	0.971		3.0	20.0
Phenol-d6	1.148	1.169		1.8	20.0
Nitrobenzene-d5	0.323	0.319		-1.2	20.0
2-Fluorobiphenyl	1.602	1.533		-4.3	20.0
2,4,6-Tribromophenol	0.165	0.120		-27.3	20.0
Terphenyl-d14	0.869	0.958		10.2	20.0
1,4-Dioxane	0.416	0.404		-2.9	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038149.D
Acq On : 07 Nov 2025 10:52
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 11:15:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-6

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	10192	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31652	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	28745	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	36418	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	24102	0.400	ng	#	0.00
35) Perylene-d12	23.680	264	20067	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	5382	0.224	ng		0.00
5) Phenol-d6	6.937	99	3656	0.125	ng		0.00
8) Nitrobenzene-d5	8.929	82	8623	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	13702m	0.303	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	4308	0.364	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	27151	0.236	ng		0.00
27) Fluoranthene-d10	19.220	212	33915	0.369	ng		0.00
31) Terphenyl-d14	19.819	244	27365	0.523	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	148894	14.139	ng		98
9) Naphthalene	10.626	128	17492	0.201	ng	#	92
12) 2-Methylnaphthalene	12.248	142	91422	1.573	ng		100
16) Acenaphthylene	14.152	152	3724	0.029	ng	#	83
17) Acenaphthene	14.494	154	58144	0.638	ng		98
18) Fluorene	15.489	166	67952	0.569	ng	#	94
24) Pentachlorophenol	16.838	266	2835	0.242	ng		99
25) Phenanthrene	17.223	178	71457	0.618	ng		99
26) Anthracene	17.310	178	17631m	0.174	ng		
28) Fluoranthene	19.248	202	15796	0.122	ng	#	86
30) Pyrene	19.610	202	12169	0.112	ng	#	80
32) Benzo(a)anthracene	21.357	228	6339	0.074	ng	#	80
33) Chrysene	21.411	228	4095	0.044	ng	#	67
34) Bis(2-ethylhexyl)phtha...	21.295	149	16812	0.371	ng	#	90
36) Indeno(1,2,3-cd)pyrene	26.034	276	4958	0.060	ng		99
40) Dibenzo(a,h)anthracene	26.051	278	4107	0.065	ng	#	67
41) Benzo(g,h,i)perylene	26.750	276	4286	0.059	ng	#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BN038149.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038149.D
Acq On : 07 Nov 2025 10:52
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 11:15:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-6

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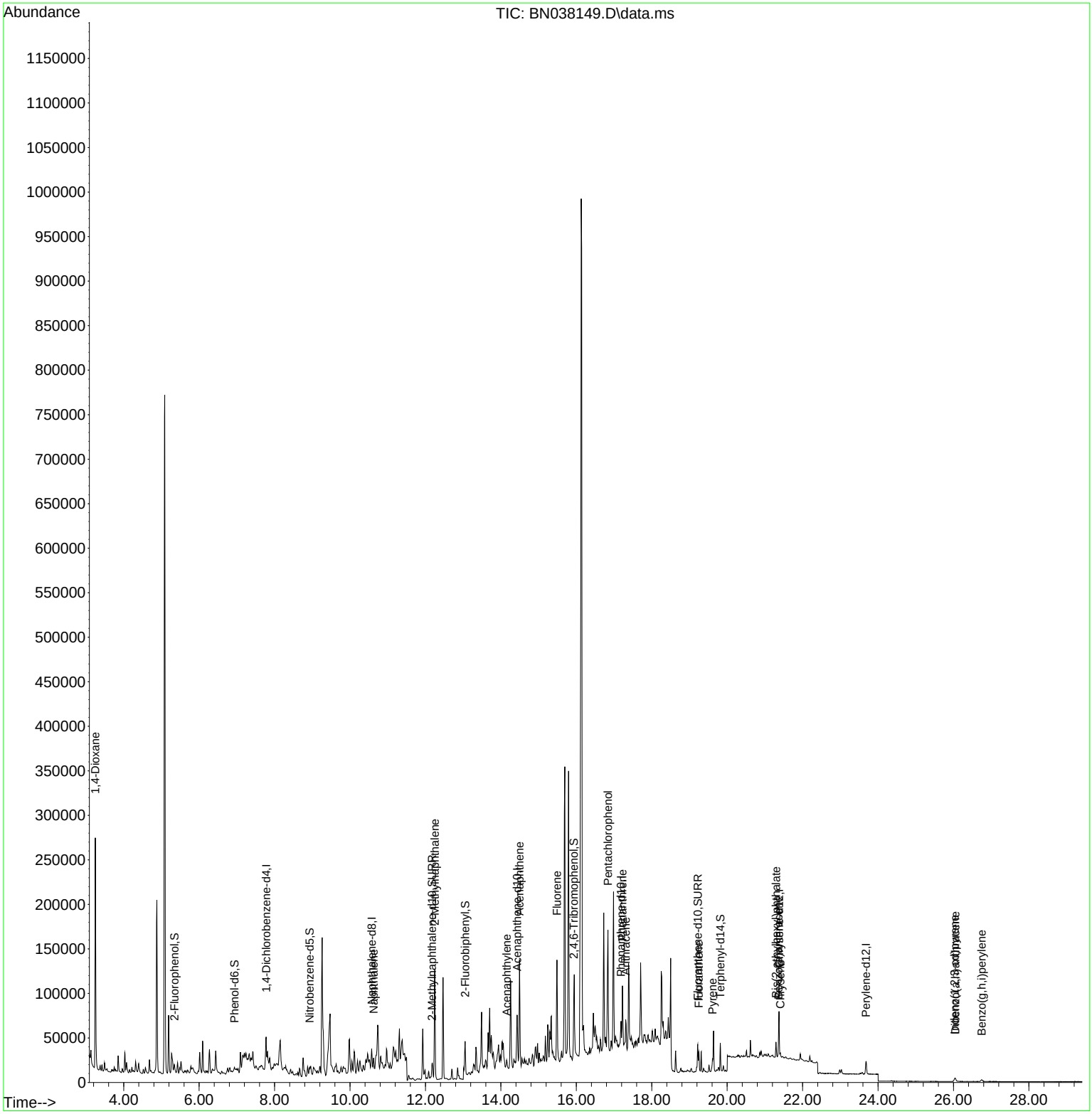
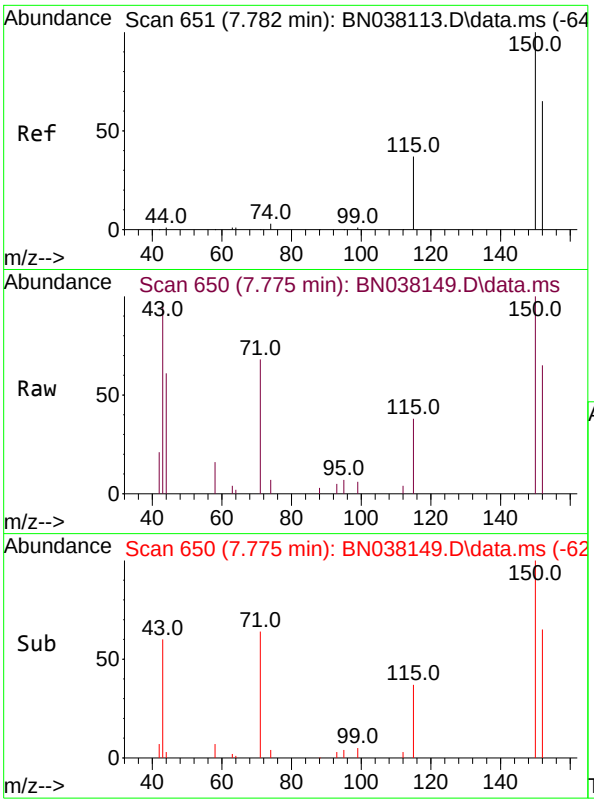
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

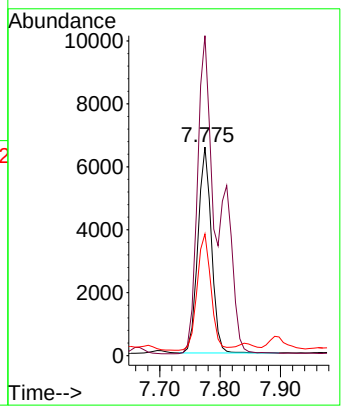




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:152 Resp: 1019

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.3	183.5
115	58.3	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
MW-6

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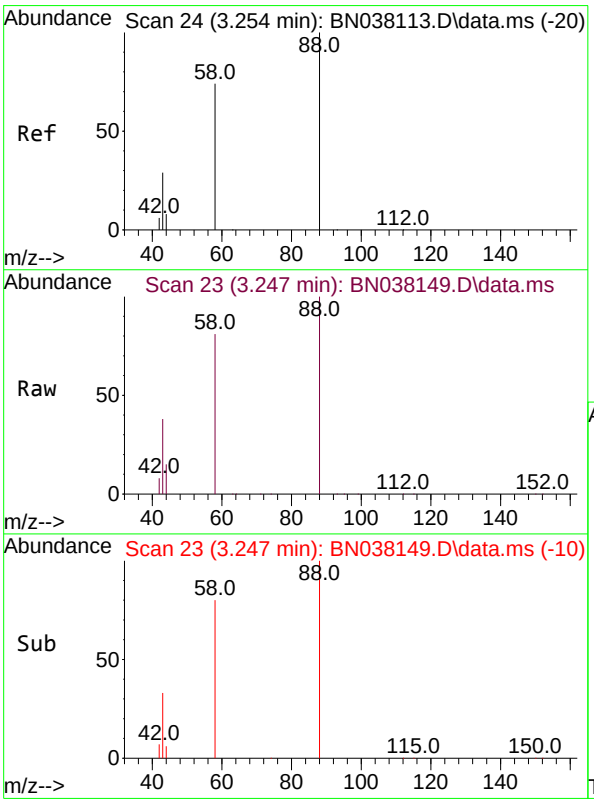
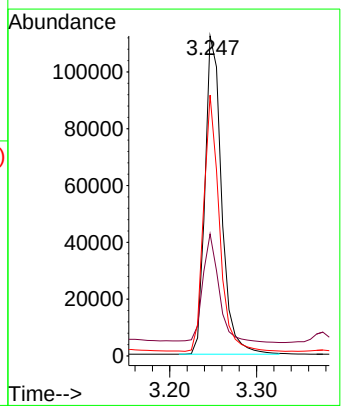
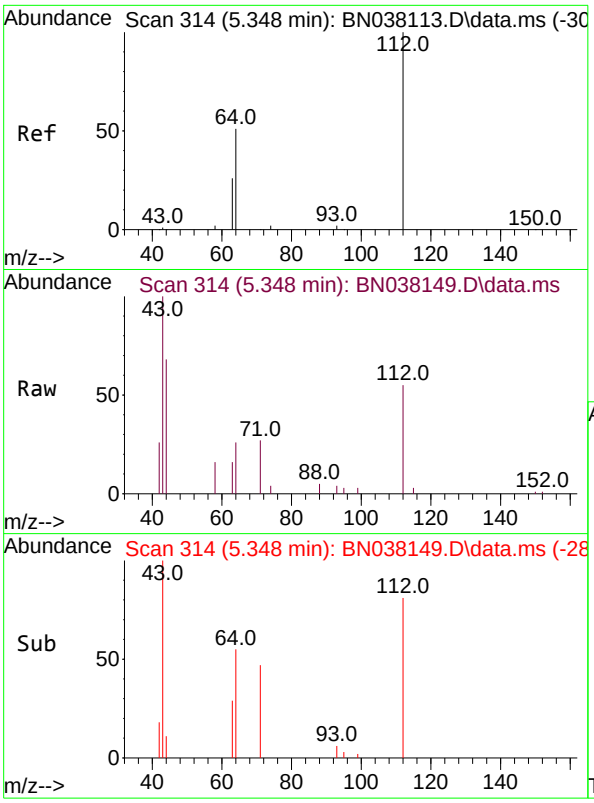


#2
1,4-Dioxane
Concen: 14.139 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion: 88 Resp: 148894

Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.3	36.5
58	75.6	60.4	90.6

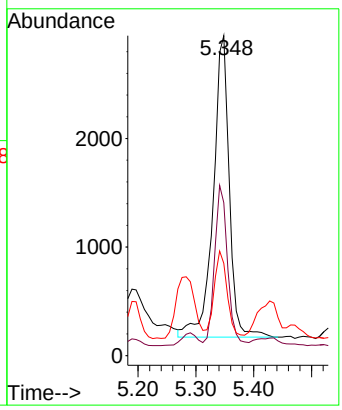




#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.348 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:112 Resp: 538

Ion	Ratio	Lower	Upper
112	100		
64	42.9	45.4	68.0#
63	21.6	23.2	34.8#



Instrument :
BNA_N
ClientSampleId :
MW-6

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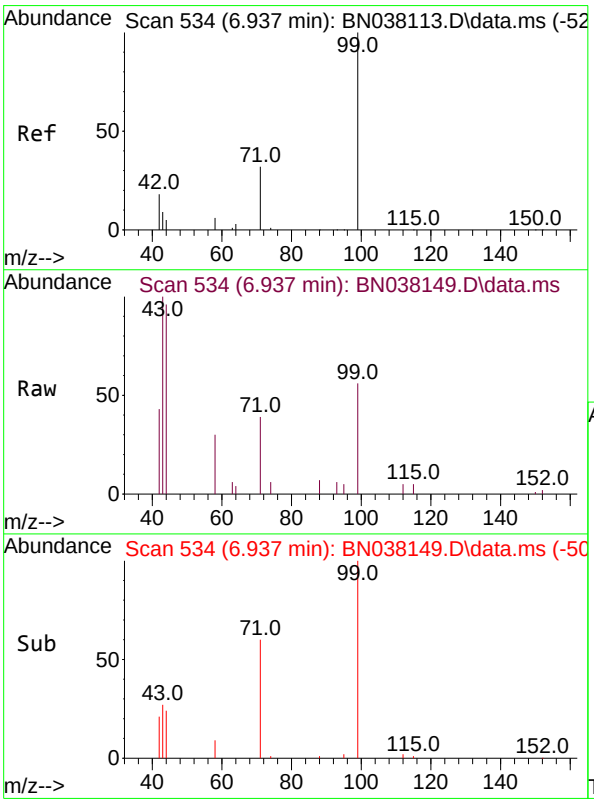
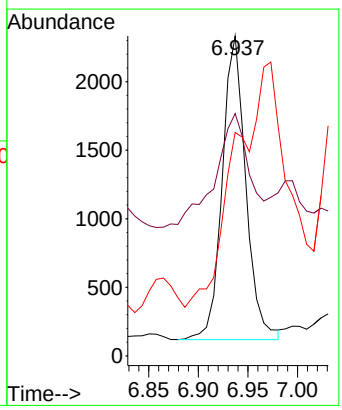
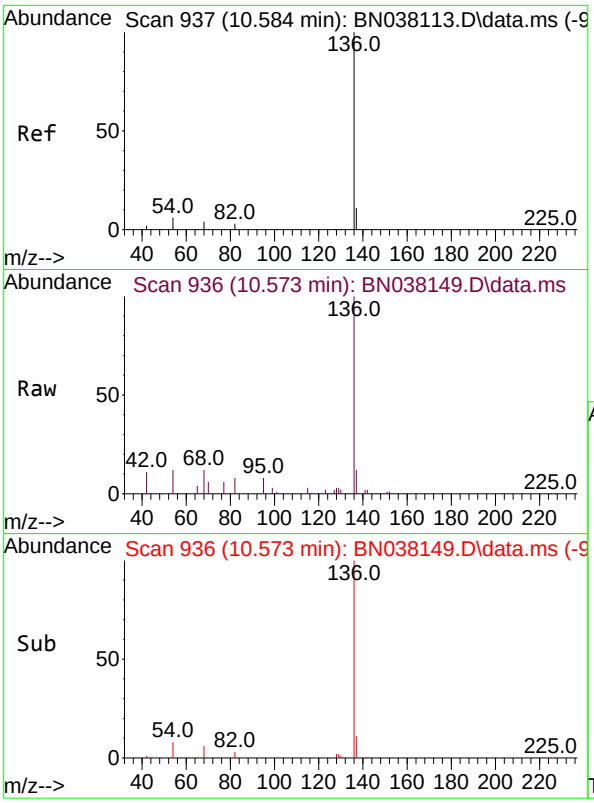


#5
Phenol-d6
Concen: 0.125 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion: 99 Resp: 3656

Ion	Ratio	Lower	Upper
99	100		
42	54.3	16.6	24.8#
71	0.0	25.4	38.2#

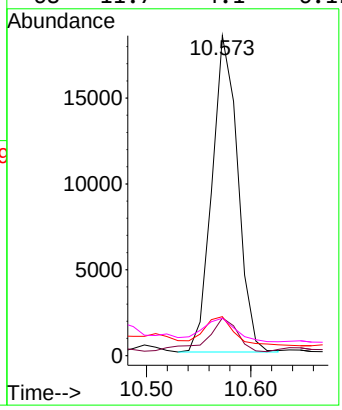




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:136 Resp: 3165

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	12.2	5.2	7.8#
68	11.7	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
MW-6

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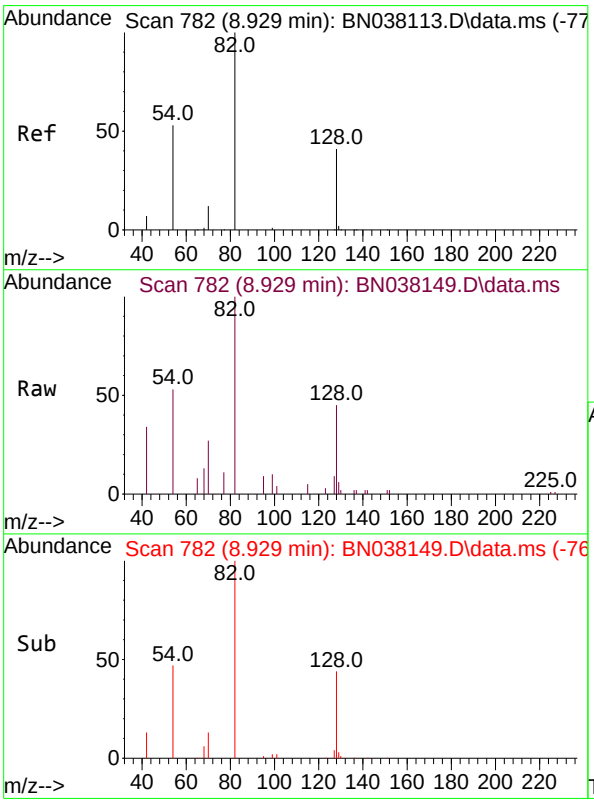
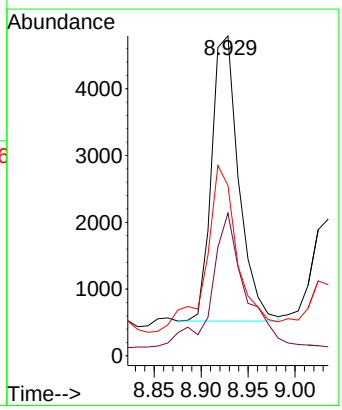
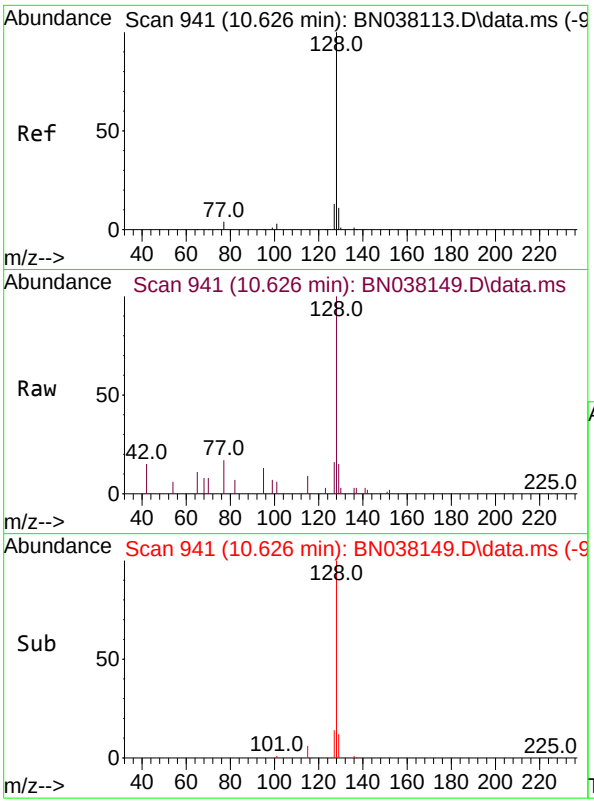


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion: 82 Resp: 8623

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.1	51.1
54	53.3	43.5	65.3





#9
Naphthalene
Concen: 0.201 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:128 Resp: 1749

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.1	13.7#
127	16.1	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
MW-6

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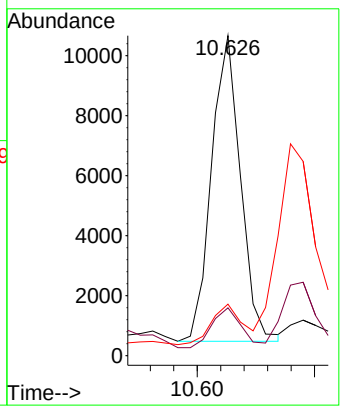
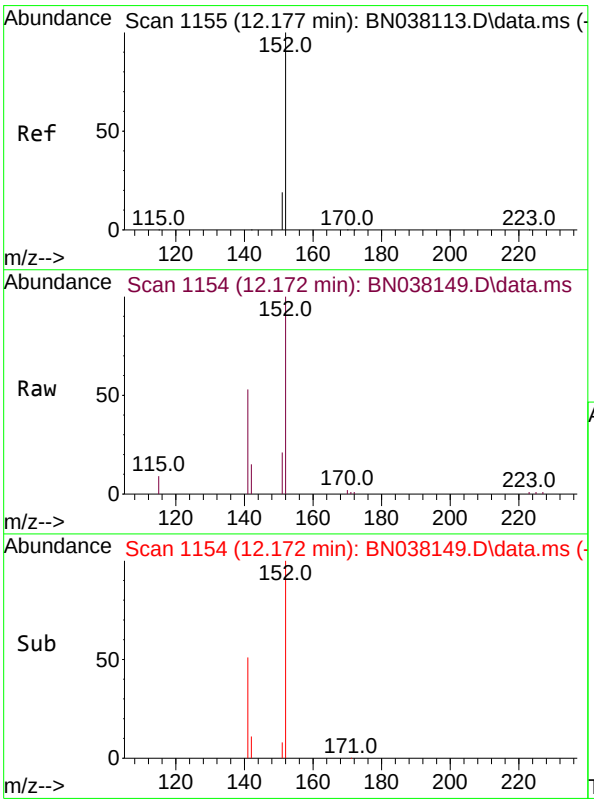
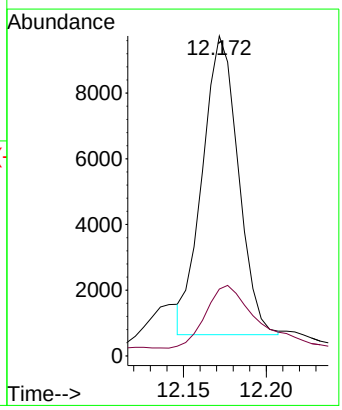


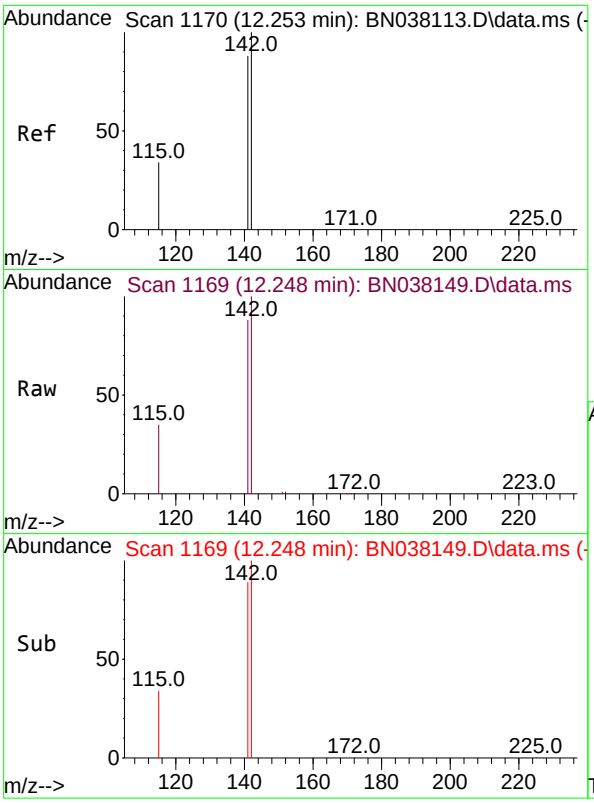


#11
2-Methylnaphthalene-d10
Concen: 0.303 ng m
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:152 Resp: 13702

Ion	Ratio	Lower	Upper
152	100		
151	31.1	16.8	25.2#

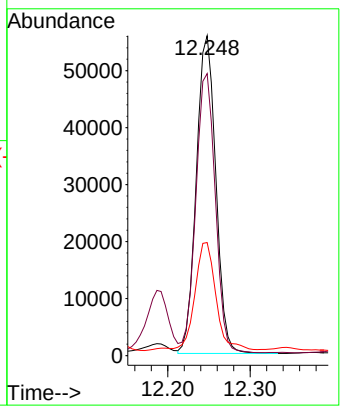




#12
2-Methylnaphthalene
Concen: 1.573 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:142 Resp: 9142

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	35.3	27.8	41.6



Instrument :
BNA_N
ClientSampleId :
MW-6

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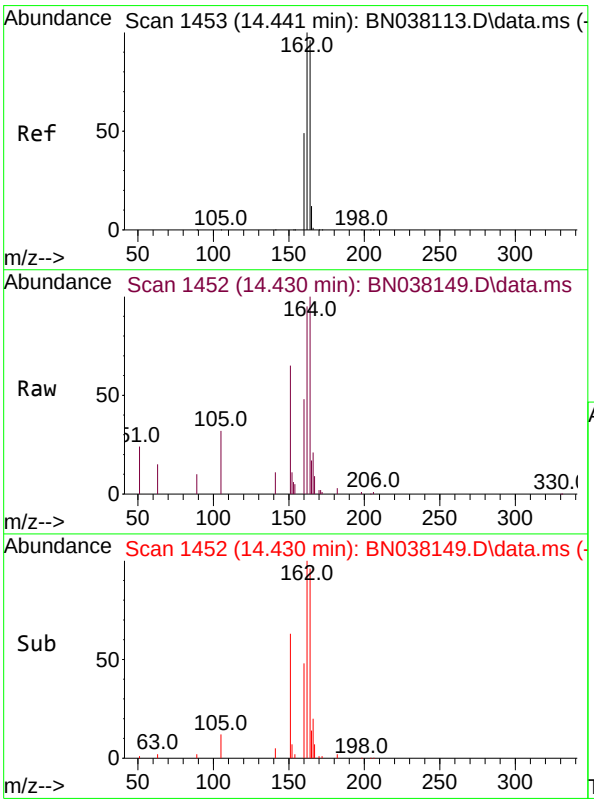
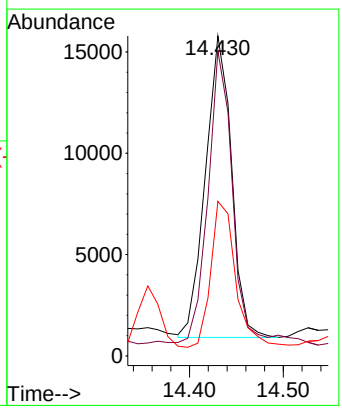
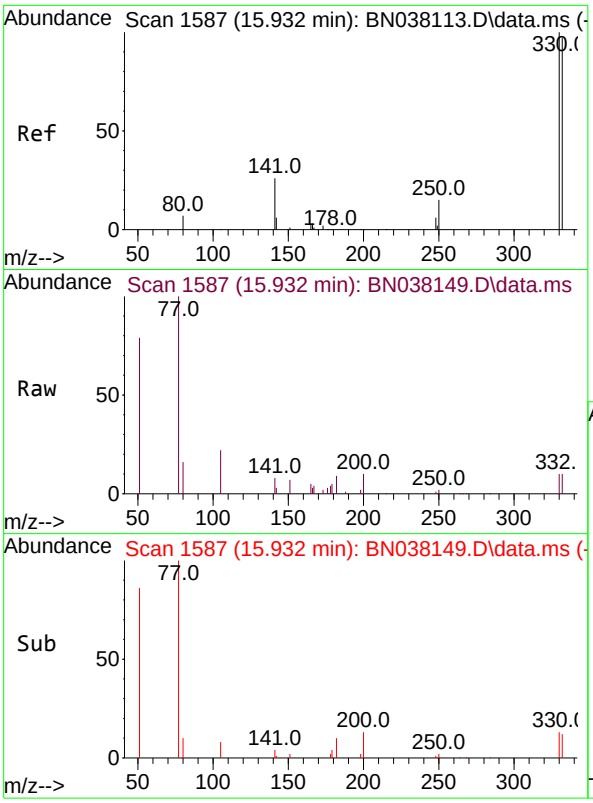


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:164 Resp: 28745

Ion	Ratio	Lower	Upper
164	100		
162	95.3	83.0	124.4
160	48.3	40.7	61.1

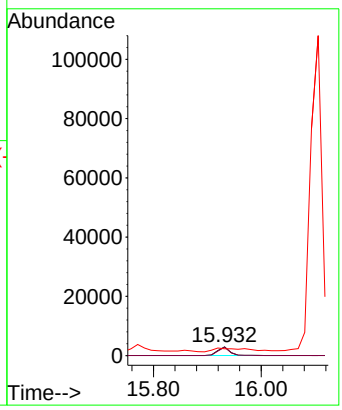




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:330 Resp: 430

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	134.6	34.1	51.1



Instrument :
BNA_N
ClientSampleId :
MW-6

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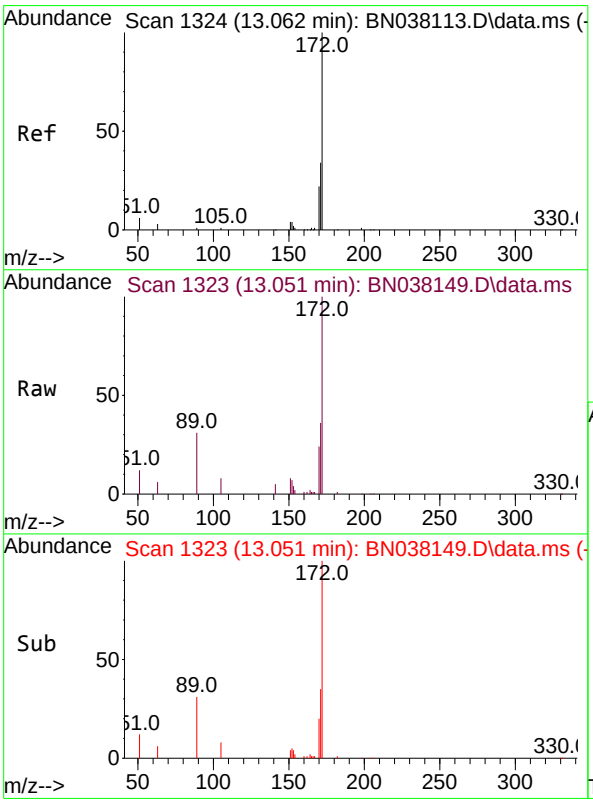
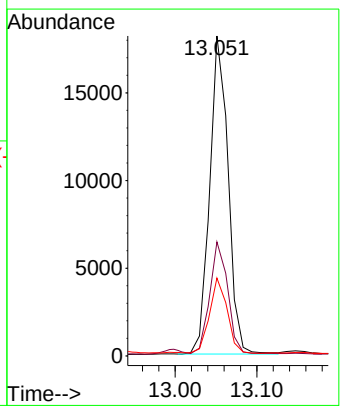
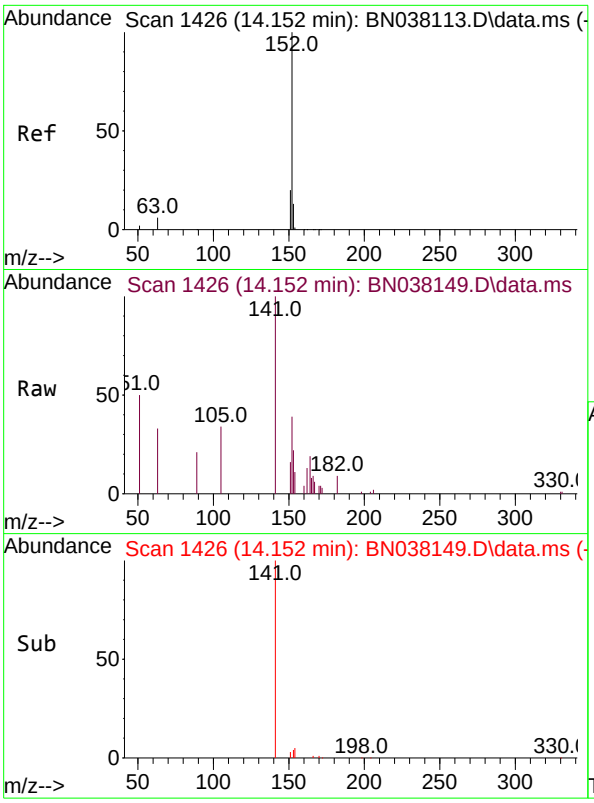


#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:172 Resp: 27151

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	24.3	18.1	27.1

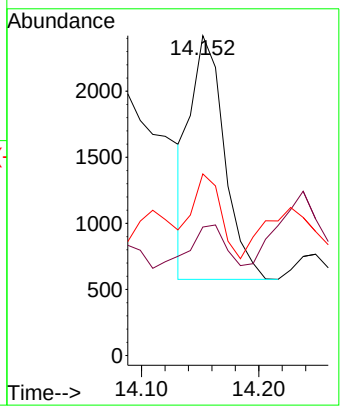




#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.152 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:152 Resp: 372

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.8	23.8
153	28.5	10.2	15.2#



Instrument :
BNA_N
ClientSampleId :
MW-6

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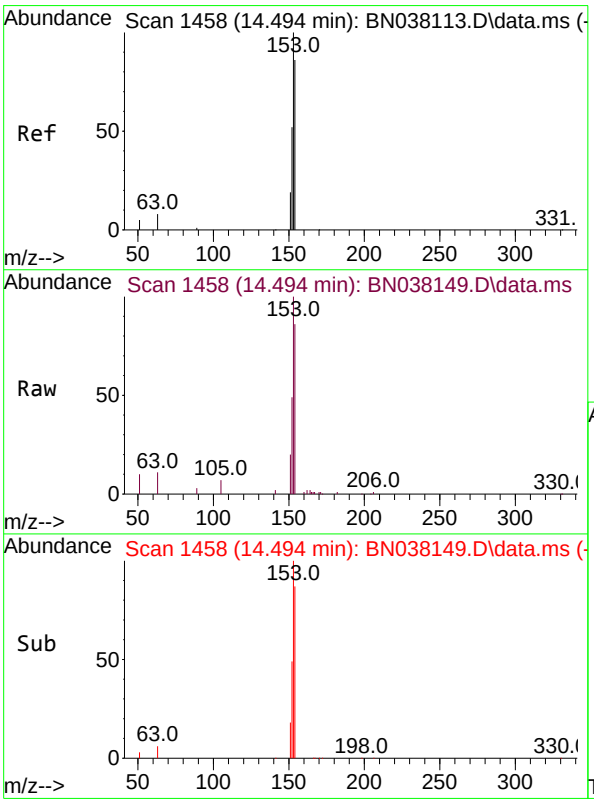
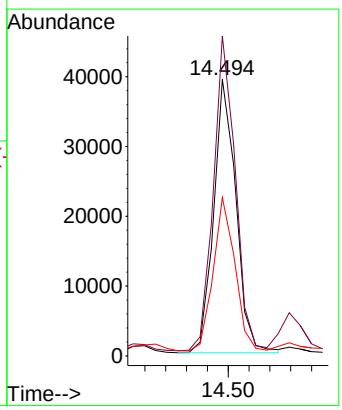
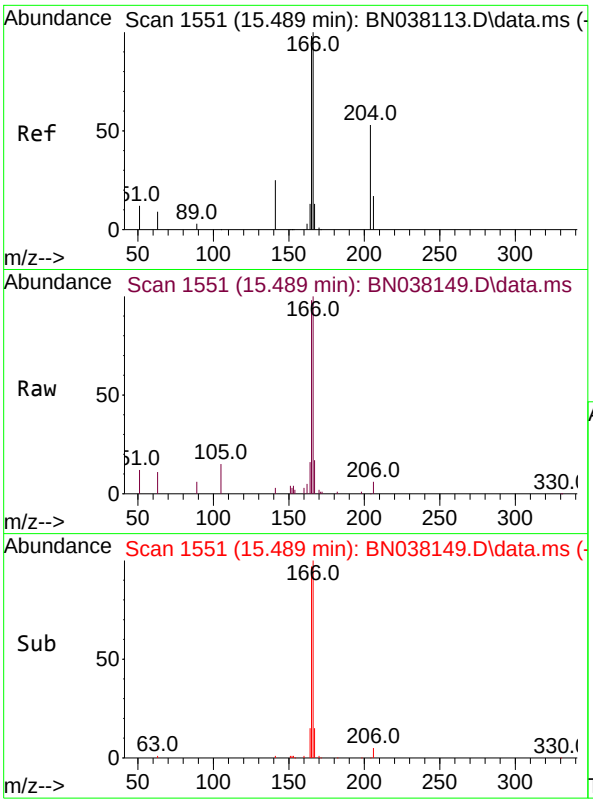


#17
Acenaphthene
Concen: 0.638 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:154 Resp: 58144

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.0	135.0
152	55.0	47.3	70.9

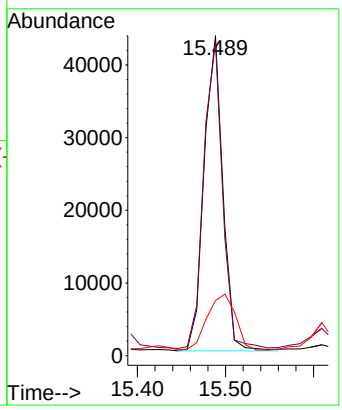




#18
Fluorene
Concen: 0.569 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:166 Resp: 6795

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.0	118.4
167	25.8	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
MW-6

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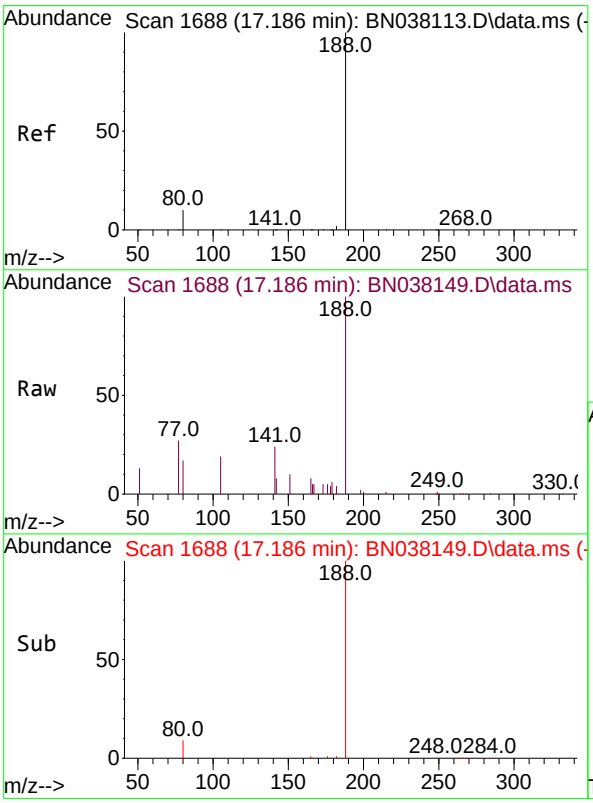
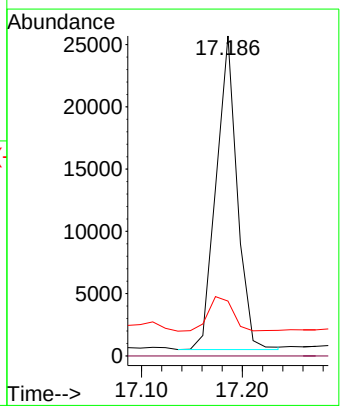
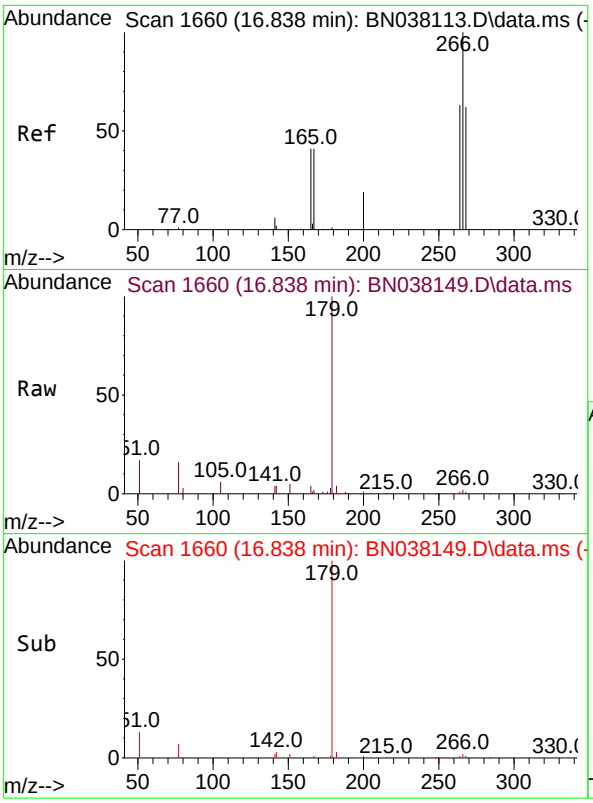


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:188 Resp: 36418

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	8.6	13.0#

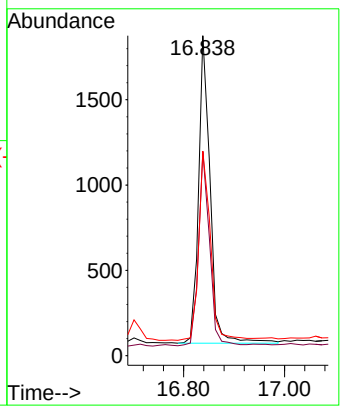




#24
Pentachlorophenol
Concen: 0.242 ng
RT: 16.838 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:266 Resp: 283

Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.3	73.9
268	62.8	50.6	75.8



Instrument :
BNA_N
ClientSampleId :
MW-6

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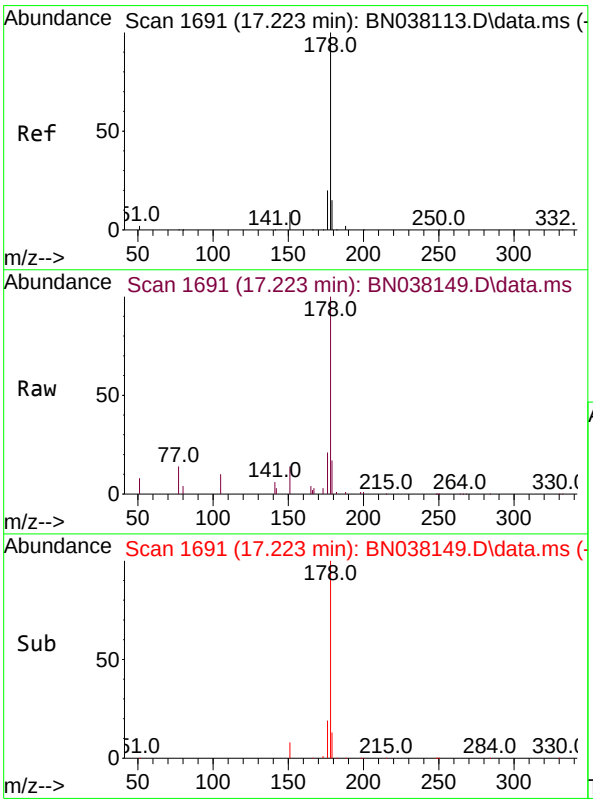
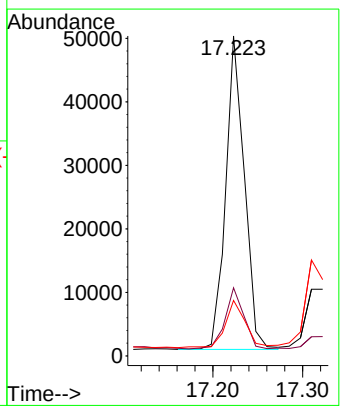
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

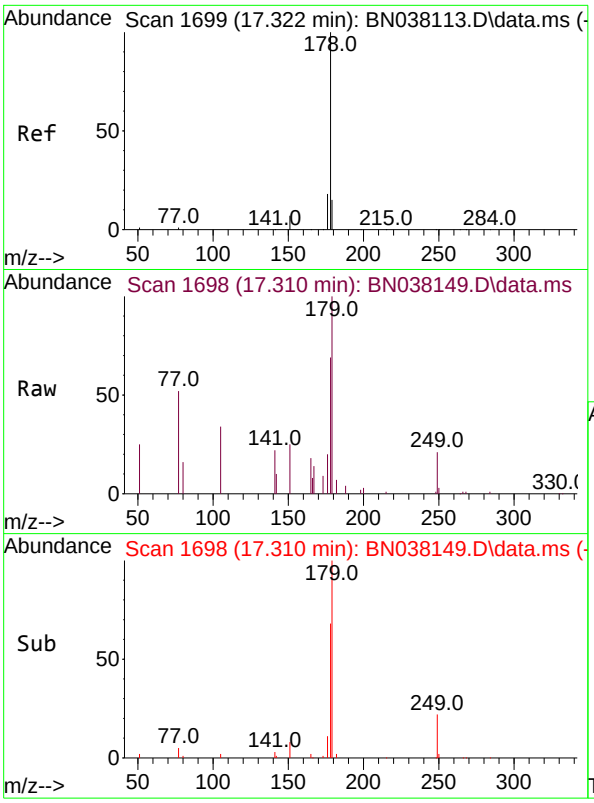


#25
Phenanthrene
Concen: 0.618 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:178 Resp: 71457

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.1	12.2	18.4

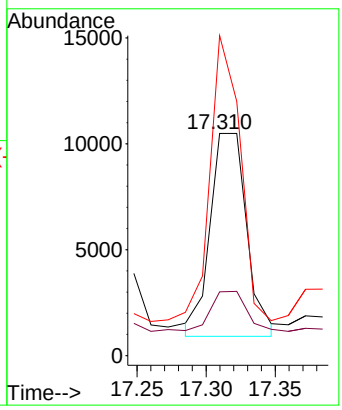




#26
Anthracene
Concen: 0.174 ng m
RT: 17.310 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:178 Resp: 1763

Ion	Ratio	Lower	Upper
178	100		
176	79.9	14.9	22.3#
179	65.3	11.8	17.8#



Instrument :
BNA_N
ClientSampleId :
MW-6

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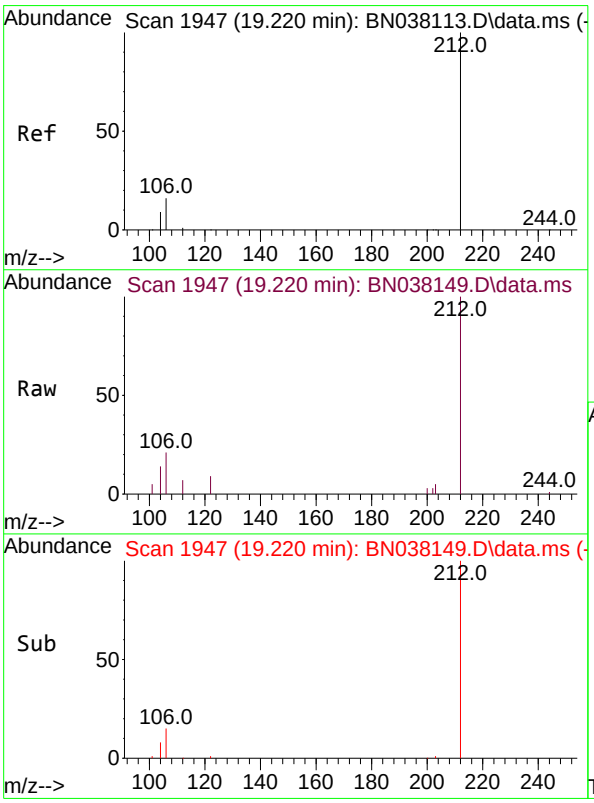
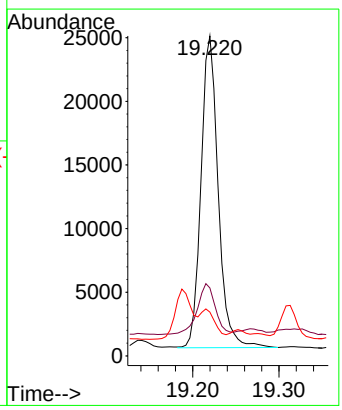
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

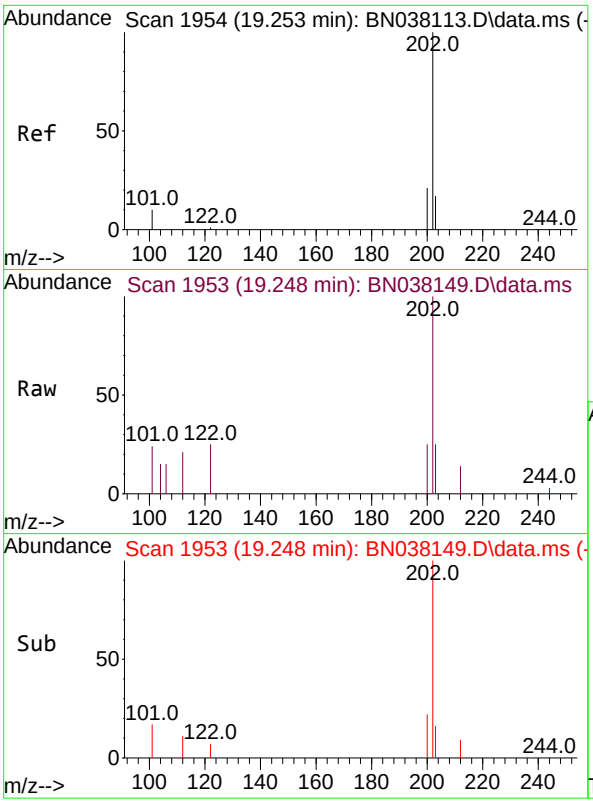


#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:212 Resp: 33915

Ion	Ratio	Lower	Upper
212	100		
106	17.3	12.6	19.0
104	6.7	7.1	10.7#

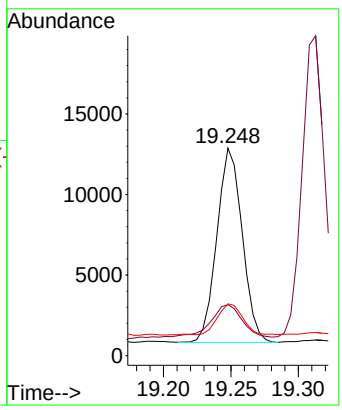




#28
Fluoranthene
Concen: 0.122 ng
RT: 19.248 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:202 Resp: 1579

Ion	Ratio	Lower	Upper
202	100		
101	23.6	9.4	14.2#
203	15.4	13.4	20.2



Instrument :
BNA_N
ClientSampleId :
MW-6

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Reviewed By :Rahul Chavli 11/10/2025
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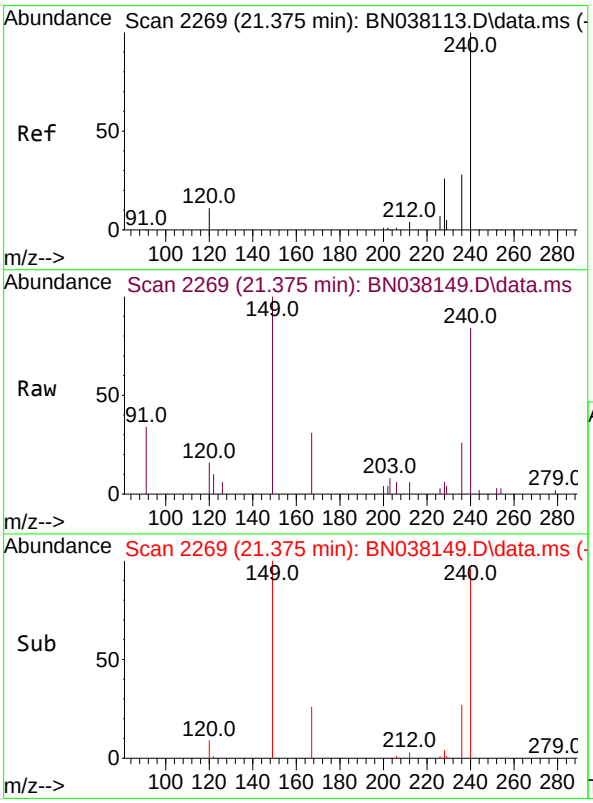
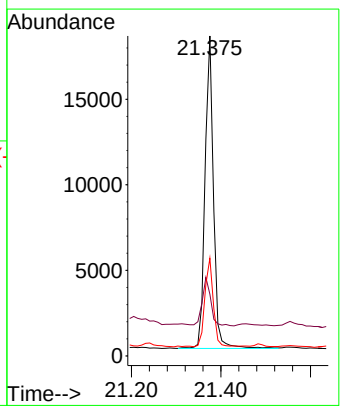
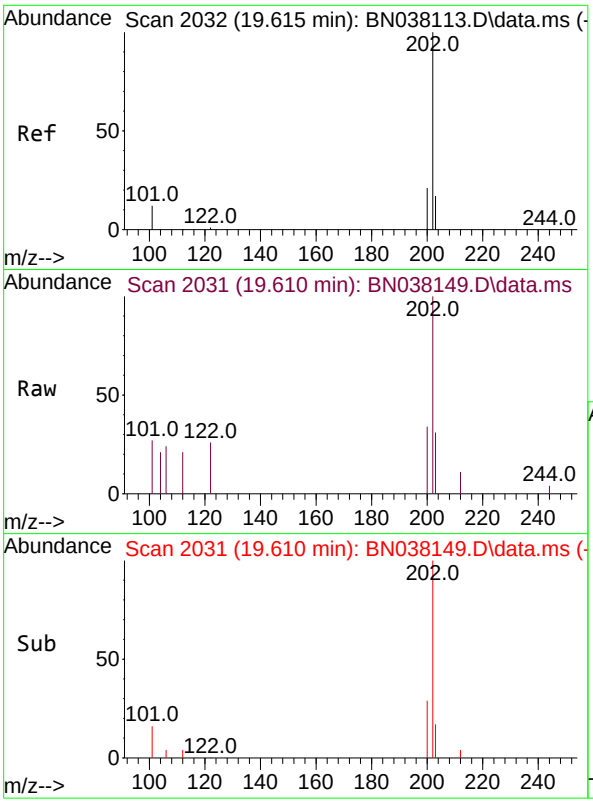


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:240 Resp: 24102

Ion	Ratio	Lower	Upper
240	100		
120	19.3	10.7	16.1#
236	30.5	23.1	34.7

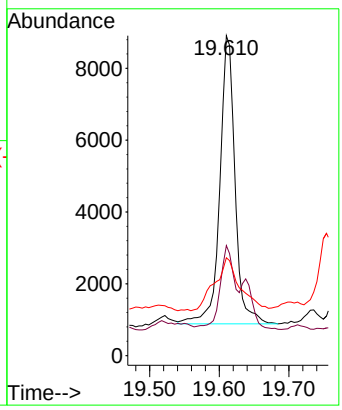




#30
Pyrene
Concen: 0.112 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:202 Resp: 1216

Ion	Ratio	Lower	Upper
202	100		
200	26.0	16.7	25.1#
203	30.8	14.2	21.2#



Instrument :
BNA_N
ClientSampleId :
MW-6

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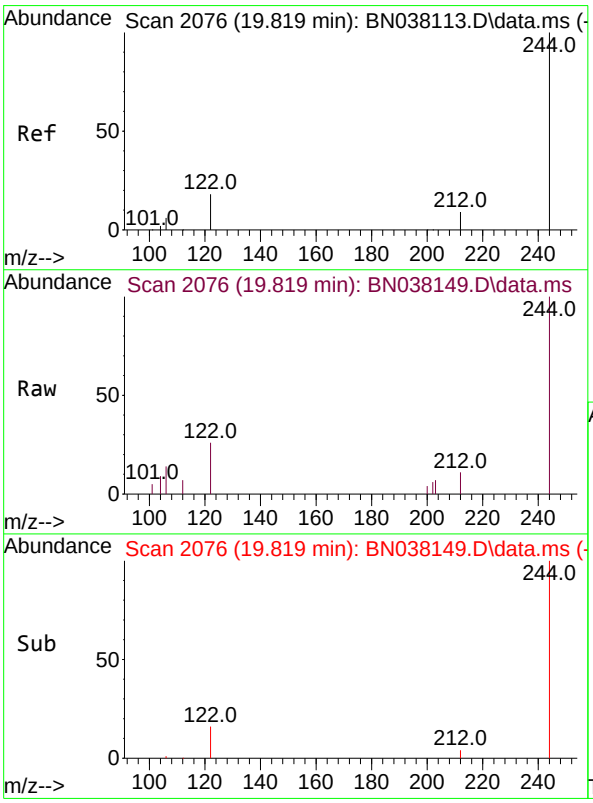
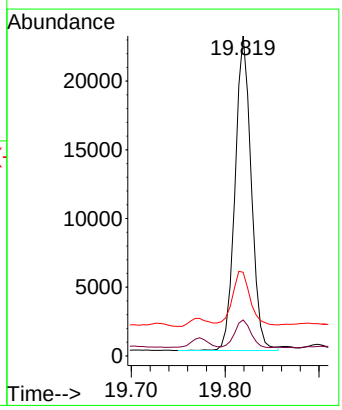
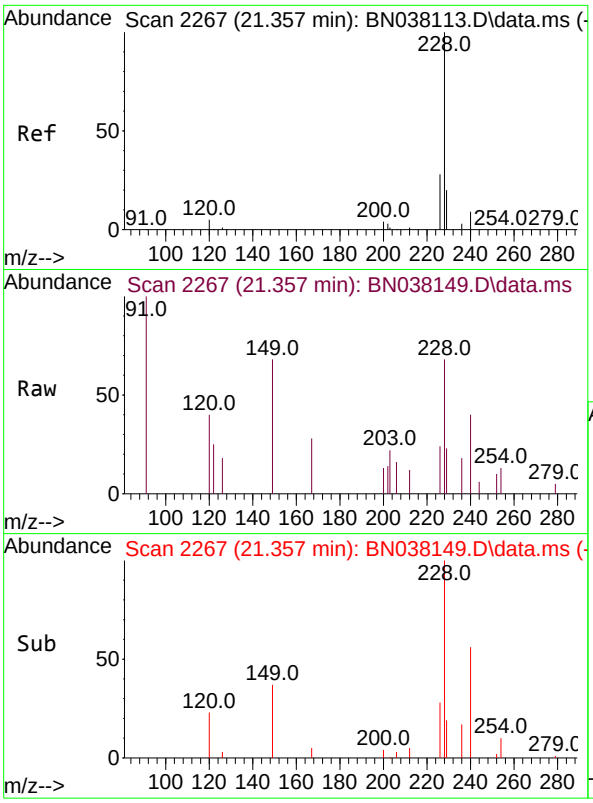


#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:244 Resp: 27365

Ion	Ratio	Lower	Upper
244	100		
212	11.2	7.8	11.6
122	26.1	15.2	22.8#





#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:228 Resp: 6339

Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.2	33.4#
229	33.1	15.8	23.8#

Instrument :
BNA_N
ClientSampleId :
MW-6

Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
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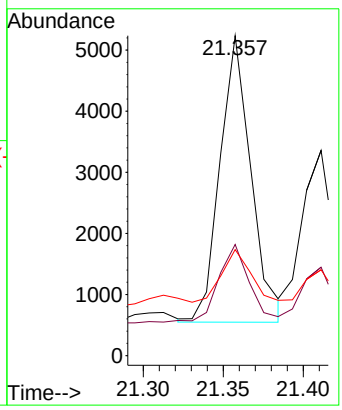
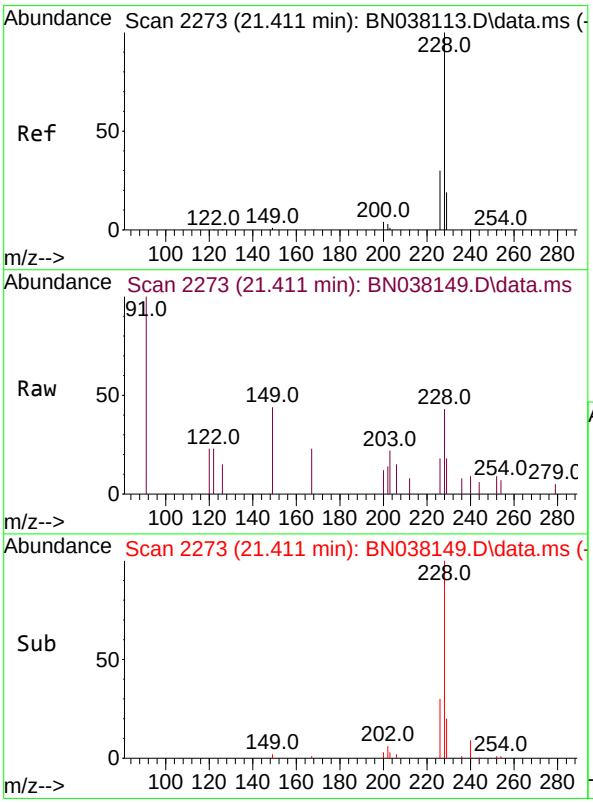
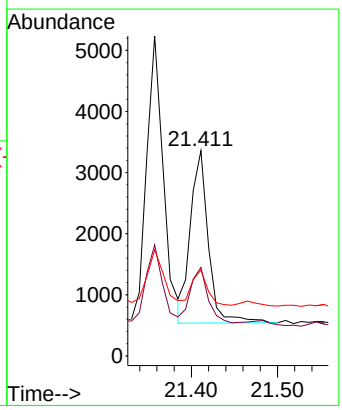


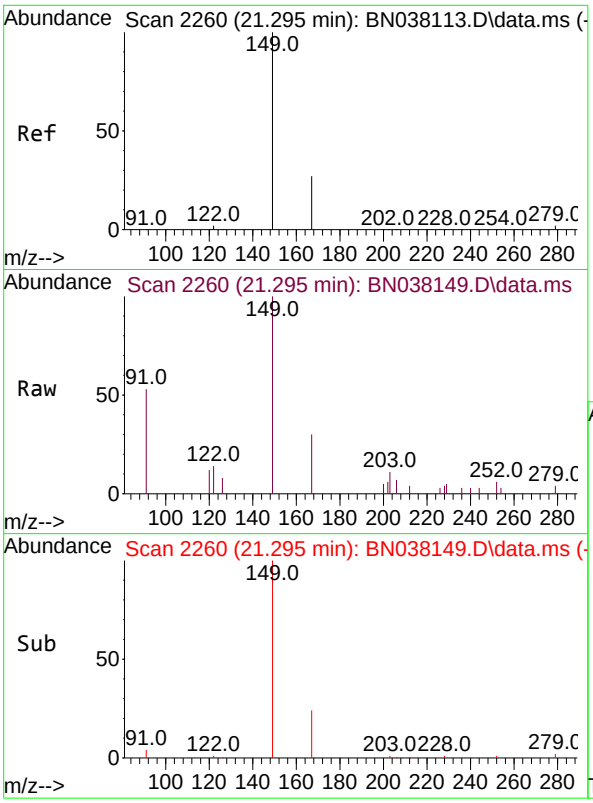


#33
Chrysene
Concen: 0.044 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:228 Resp: 4095

Ion	Ratio	Lower	Upper
228	100		
226	43.0	24.3	36.5#
229	41.8	15.7	23.5#

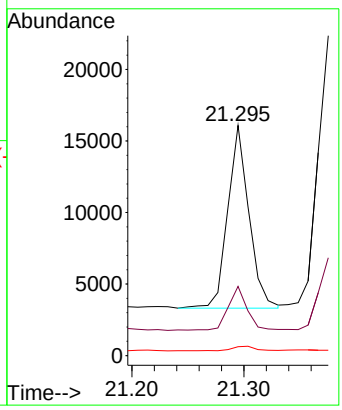




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:149 Resp: 1681

Ion	Ratio	Lower	Upper
149	100		
167	20.9	21.1	31.7#
279	2.8	2.9	4.3#



Instrument :
BNA_N
ClientSampleId :
MW-6

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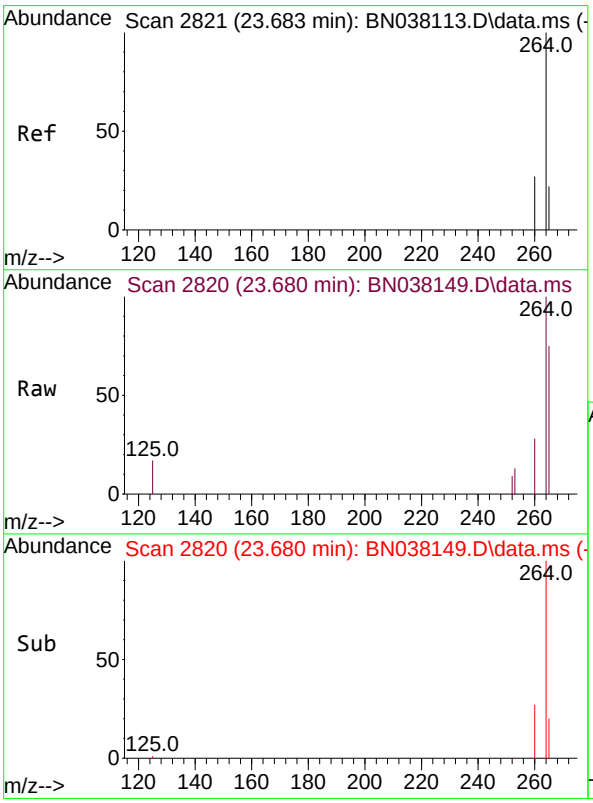
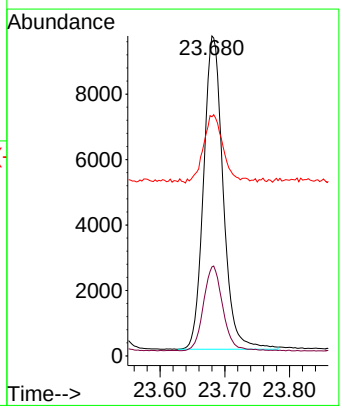
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

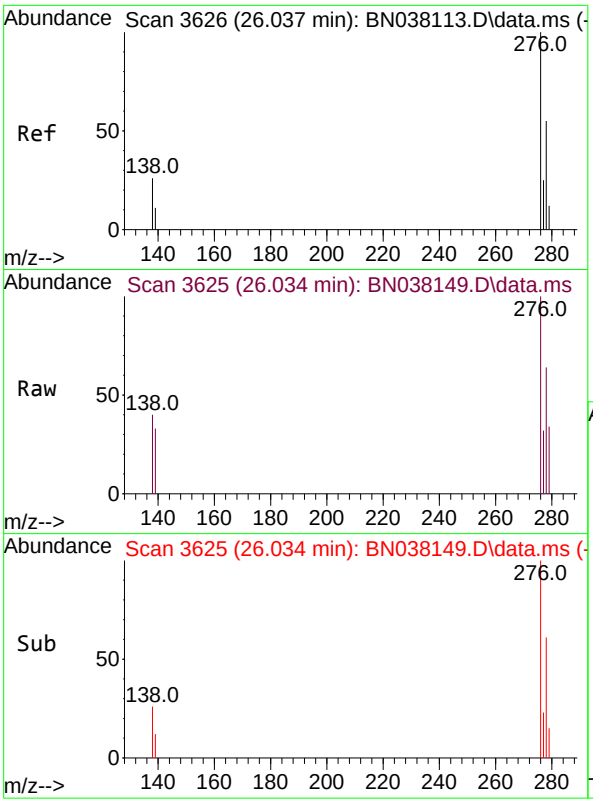


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:264 Resp: 20067

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.8	32.8
265	74.7	68.6	102.8

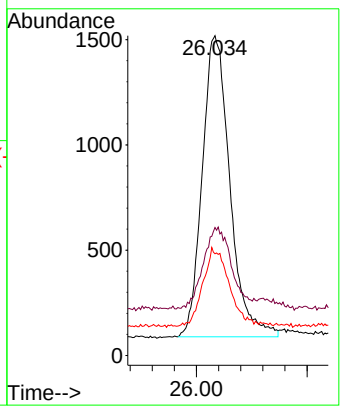




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng
RT: 26.034 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:276 Resp: 495

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.4	32.0
277	24.0	19.2	28.8



Instrument :
BNA_N
ClientSampleId :
MW-6

Manual Integrations
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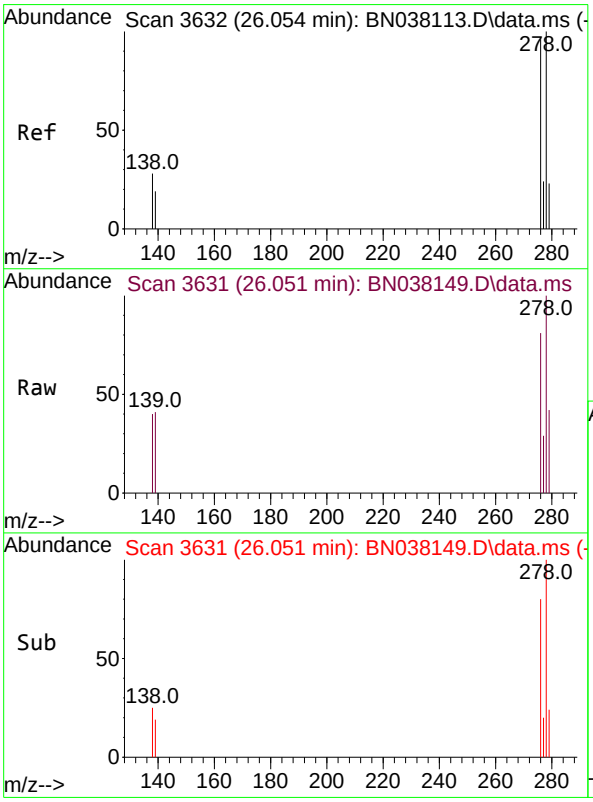
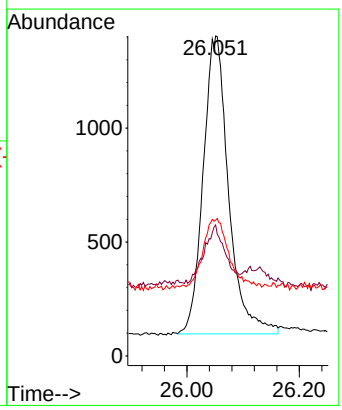
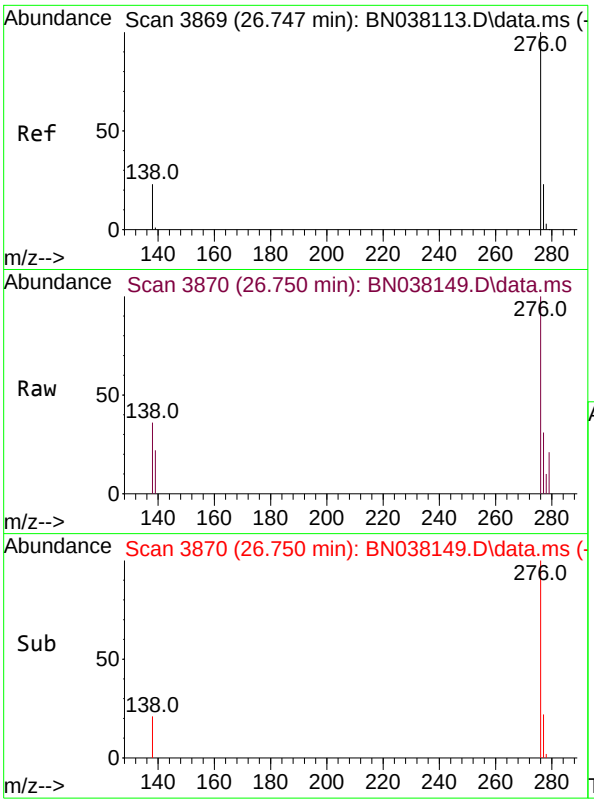


#40
Dibenzo(a,h)anthracene
Concen: 0.065 ng
RT: 26.051 min Scan# 3631
Delta R.T. 0.003 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:278 Resp: 4107

Ion	Ratio	Lower	Upper
278	100		
139	40.9	17.6	26.4#
279	42.4	22.6	33.8#

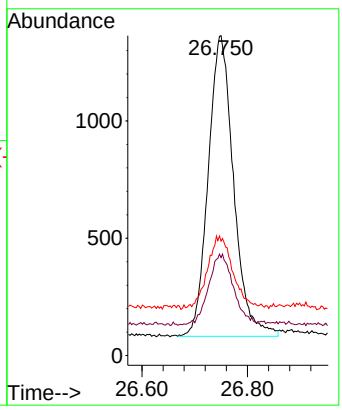




#41
Benzo(g,h,i)perylene
Concen: 0.059 ng
RT: 26.750 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN038149.D
Acq: 07 Nov 2025 10:52

Tgt Ion:276 Resp: 428

Ion	Ratio	Lower	Upper
276	100		
277	30.6	19.7	29.5#
138	35.8	20.2	30.4#



Instrument :
BNA_N
ClientSampleId :
MW-6

Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

A B C D E F G H I J K

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038169.D
Acq On : 08 Nov 2025 00:44
Operator : RC/JU
Sample : Q3534-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:28:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	9036	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	29109	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	18416	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	32776	0.400	ng		0.00
29) Chrysene-d12	21.376	240	18818	0.400	ng		0.00
35) Perylene-d12	23.683	264	16362	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	744	0.035	ng		0.00
5) Phenol-d6	6.937	99	520	0.020	ng		0.00
8) Nitrobenzene-d5	8.929	82	1245m	0.053	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	2087	0.050	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	484	0.064	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	4896	0.066	ng		0.00
27) Fluoranthene-d10	19.220	212	4042	0.049	ng		0.00
31) Terphenyl-d14	19.819	244	3414	0.084	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	19868	2.128	ng		99
9) Naphthalene	10.626	128	2267	0.028	ng	#	82
12) 2-Methylnaphthalene	12.248	142	11720	0.219	ng		97
17) Acenaphthene	14.495	154	7467	0.128	ng		98
18) Fluorene	15.489	166	8417	0.110	ng	#	97
25) Phenanthrene	17.223	178	9145	0.088	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	4200	0.119	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038169.D
Acq On : 08 Nov 2025 00:44
Operator : RC/JU
Sample : Q3534-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 08 03:28:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
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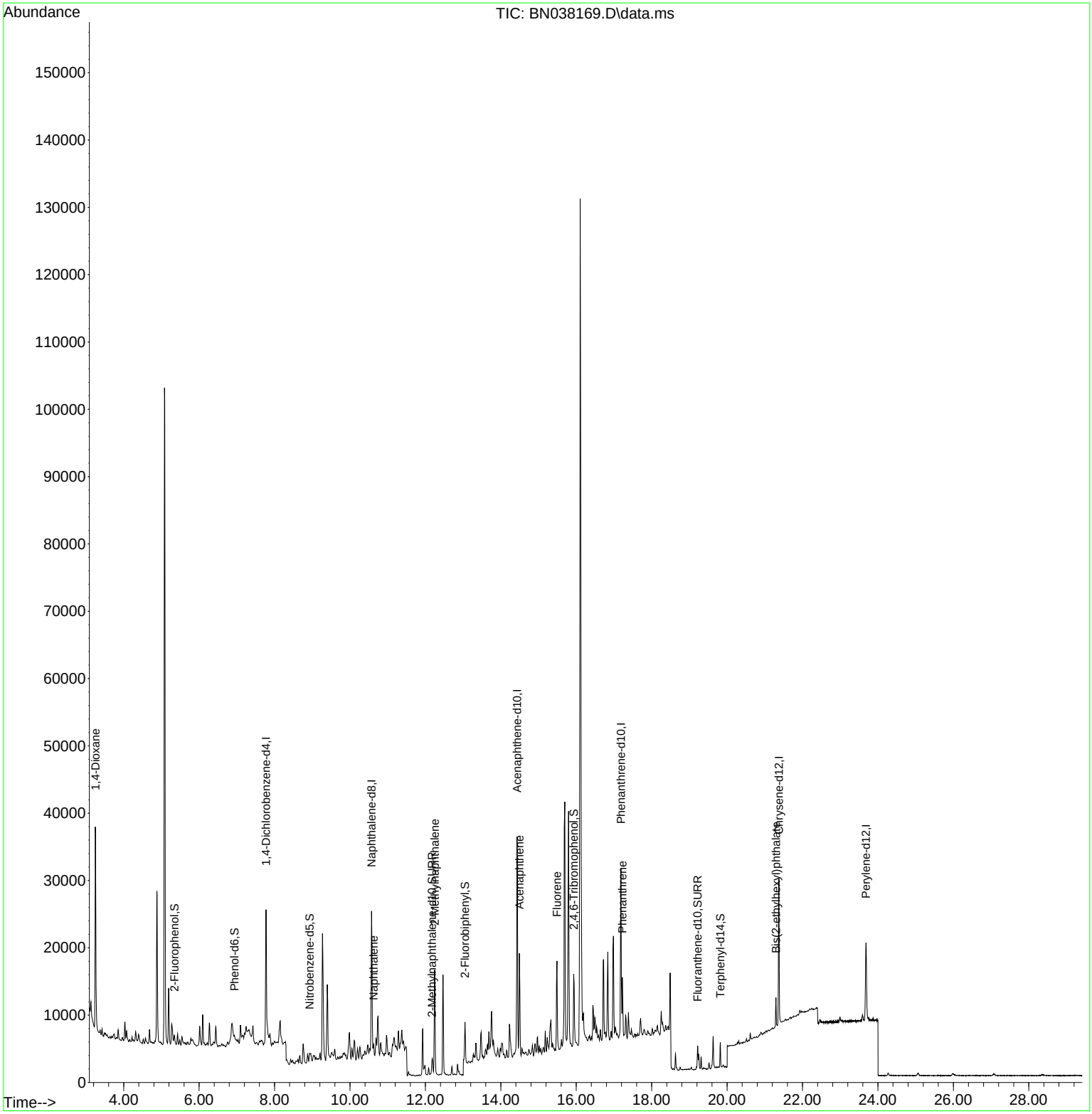
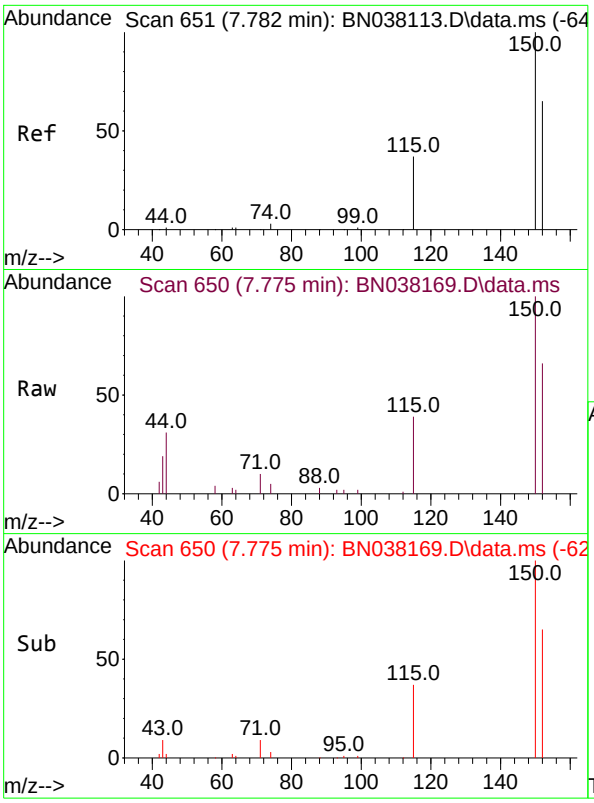
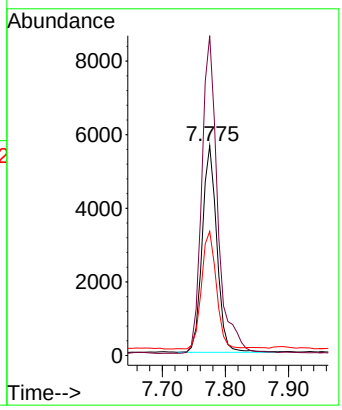




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:152 Resp: 903

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.3	183.5
115	59.2	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
MW-6DL

Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
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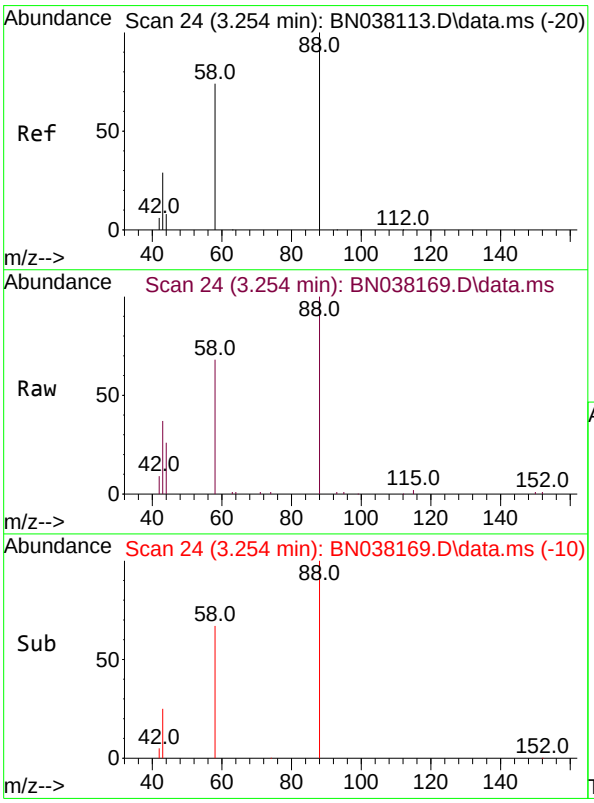
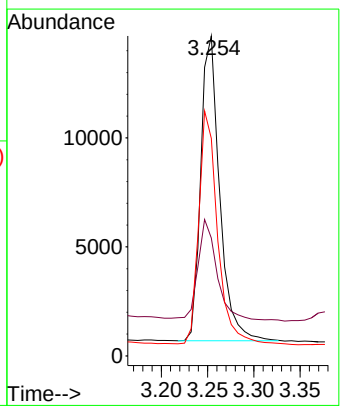
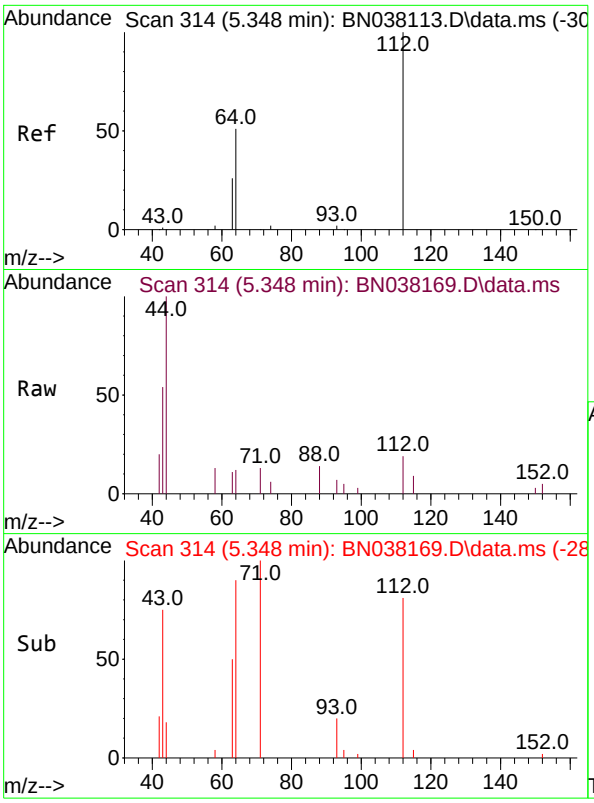


#2
1,4-Dioxane
Concen: 2.128 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 88 Resp: 19868

Ion	Ratio	Lower	Upper
88	100		
43	32.9	24.3	36.5
58	75.4	60.4	90.6





#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:112 Resp: 744

Ion	Ratio	Lower	Upper
112	100		
64	44.6	45.4	68.0#
63	22.3	23.2	34.8#

Instrument :
BNA_N
ClientSampleId :
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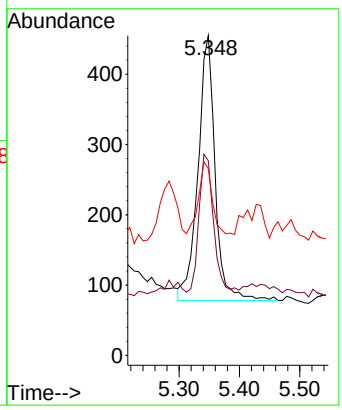
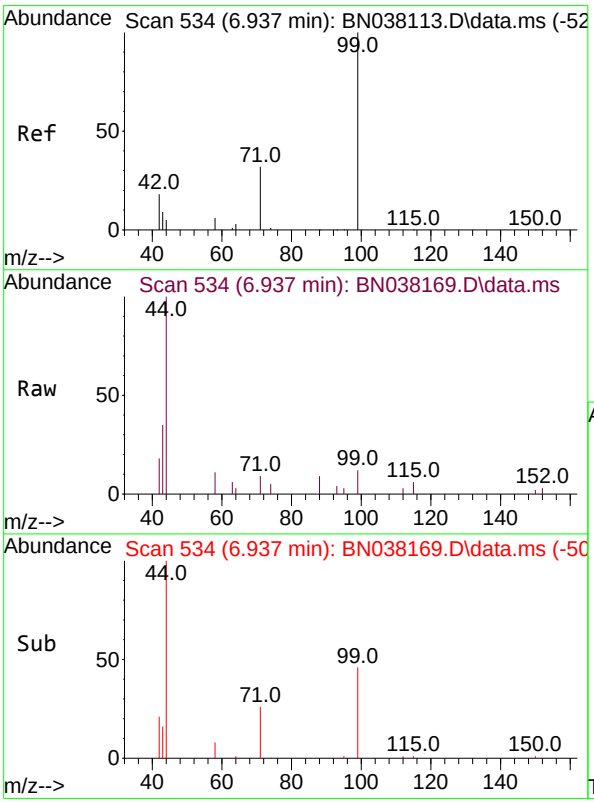
Supervised By :Jagrut Upadhyay 11/10/2025

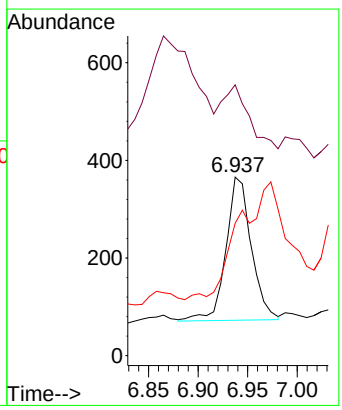


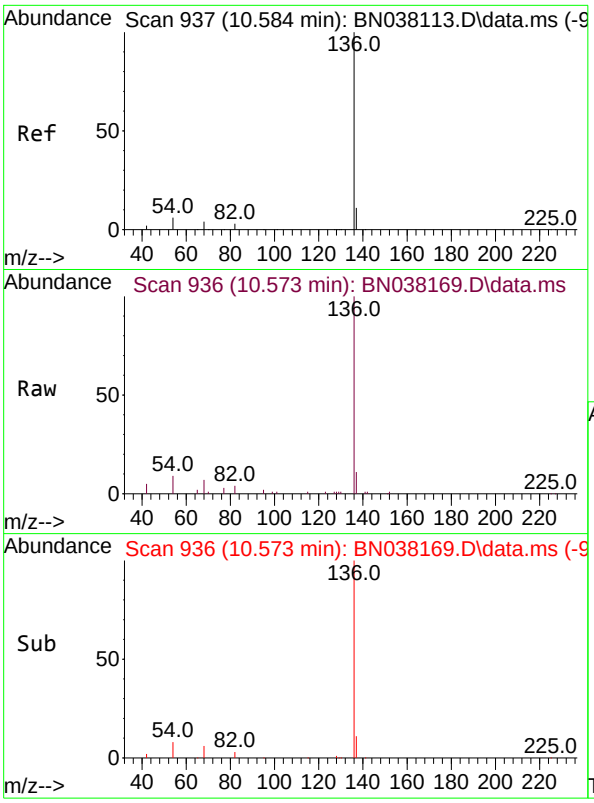


#5
Phenol-d6
Concen: 0.020 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 99 Resp: 520

Ion	Ratio	Lower	Upper
99	100		
42	46.7	16.6	24.8#
71	0.0	25.4	38.2#

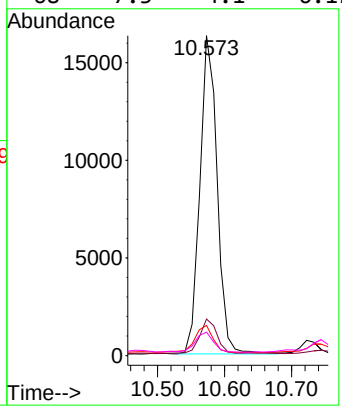




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:136 Resp: 2910

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.4	5.2	7.8#
68	7.3	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
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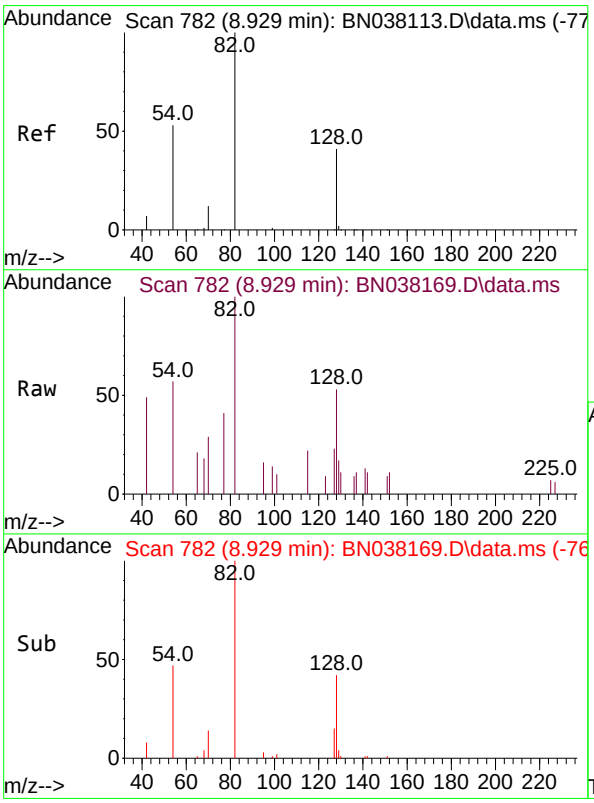
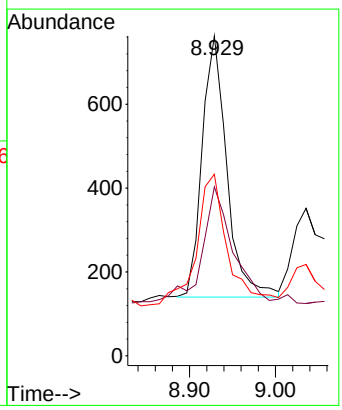
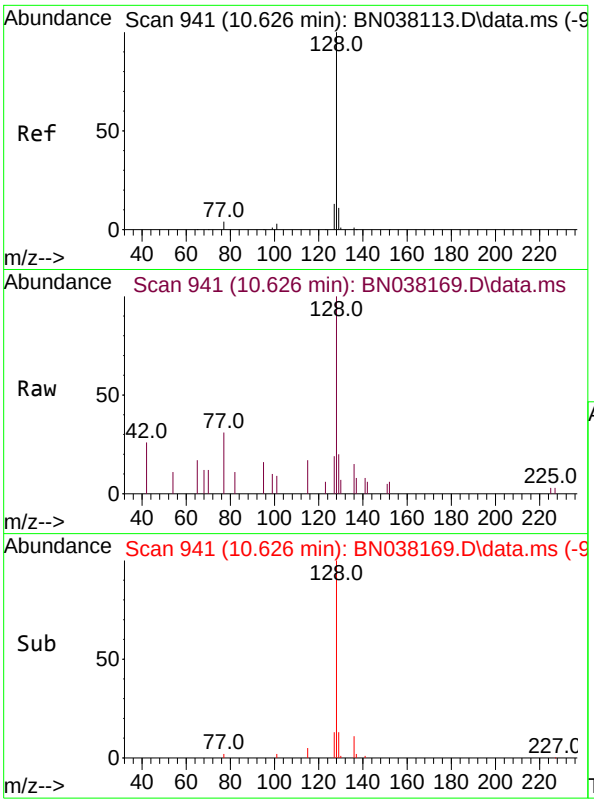


#8
Nitrobenzene-d5
Concen: 0.053 ng m
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion: 82 Resp: 1245

Ion	Ratio	Lower	Upper
82	100		
128	52.8	34.1	51.1#
54	56.7	43.5	65.3

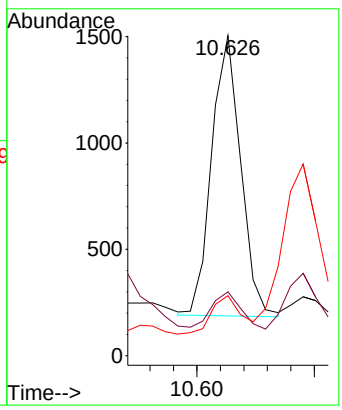




#9
Naphthalene
Concen: 0.028 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:128 Resp: 226

Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.1	13.7#
127	18.7	10.5	15.7#



Instrument :
BNA_N
ClientSampleId :
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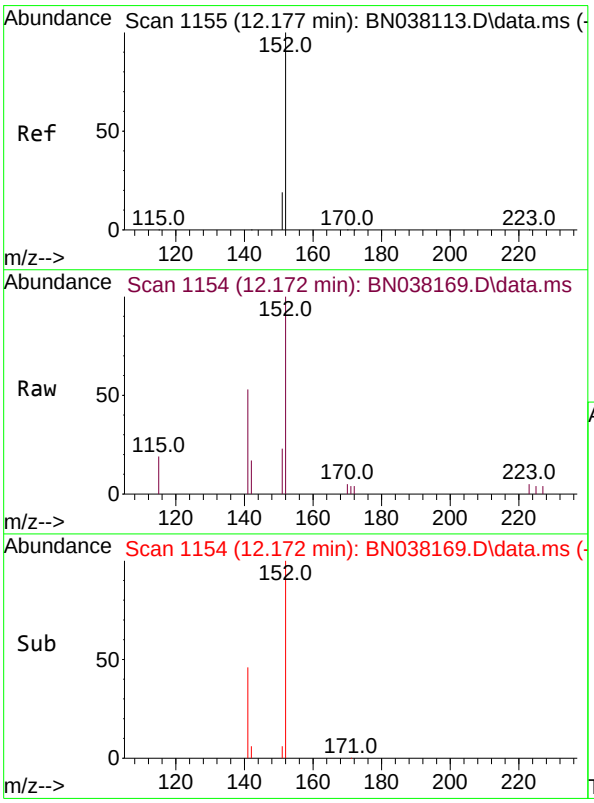
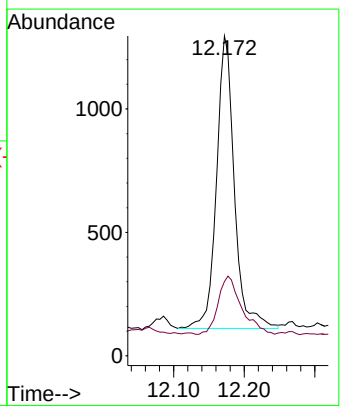
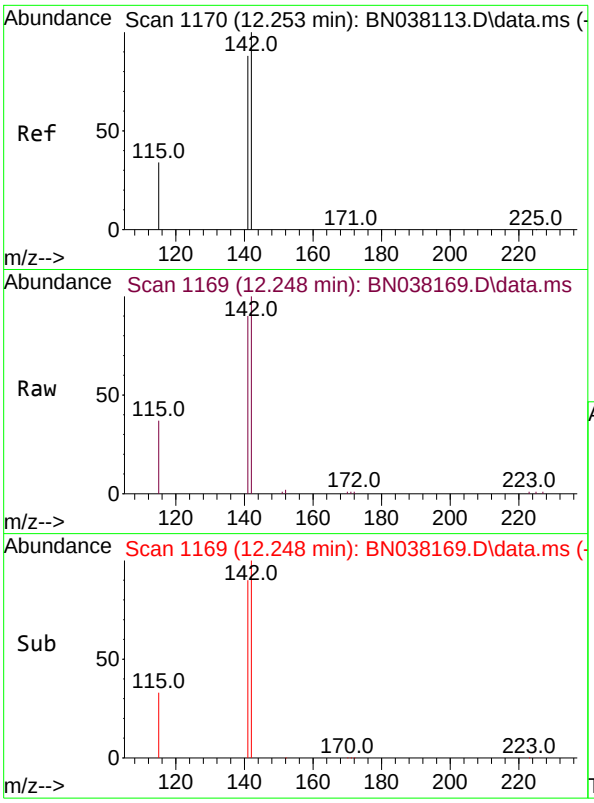


#11
2-Methylnaphthalene-d10
Concen: 0.050 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:152 Resp: 2087

Ion	Ratio	Lower	Upper
152	100		
151	26.1	16.8	25.2#

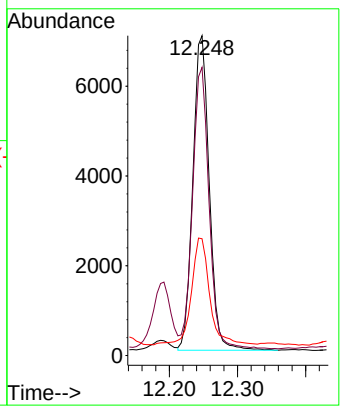




#12
2-Methylnaphthalene
Concen: 0.219 ng
RT: 12.248 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:142 Resp: 1172

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5
115	36.5	27.8	41.6



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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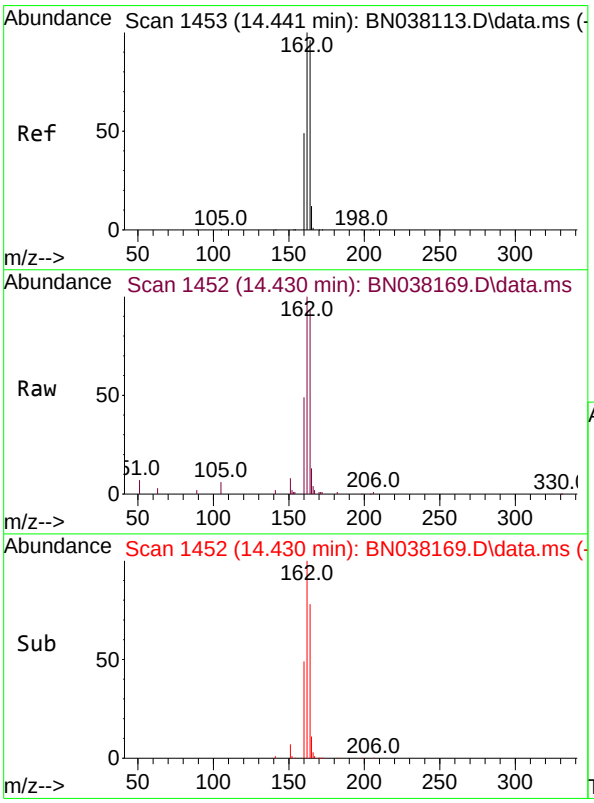
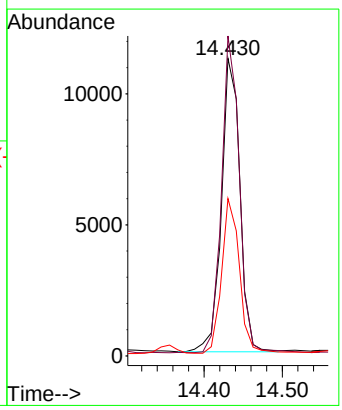
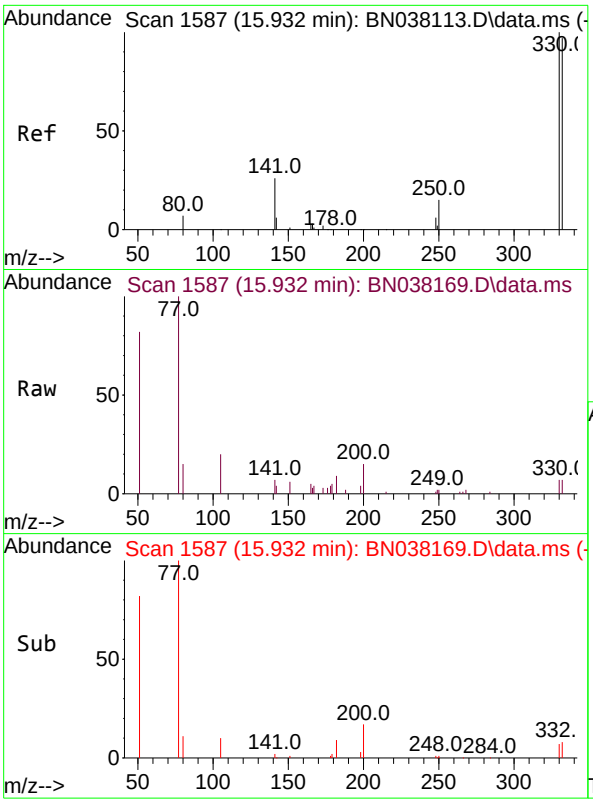


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:164 Resp: 18416

Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.0	124.4
160	52.9	40.7	61.1

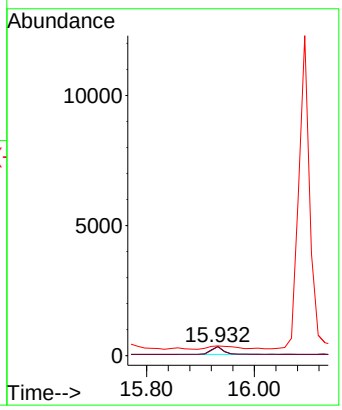




#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:330 Resp: 484

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	92.8	34.1	51.1#



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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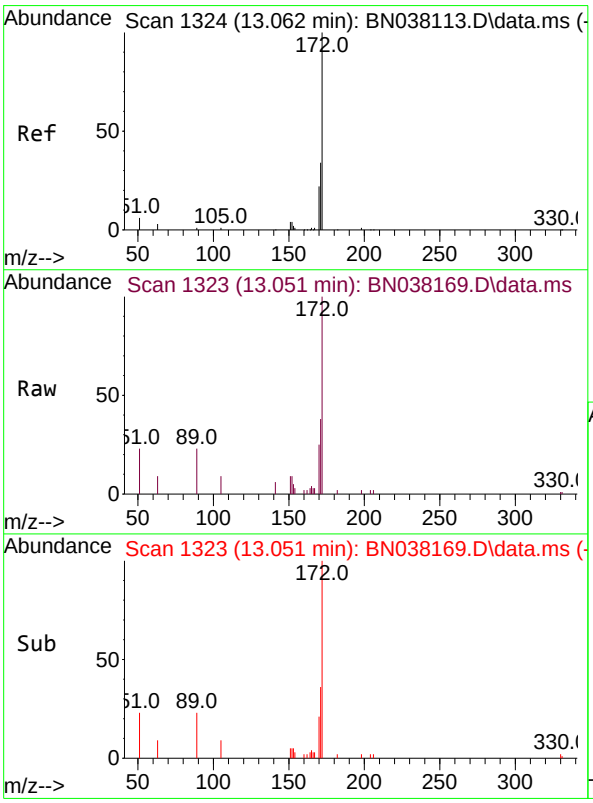
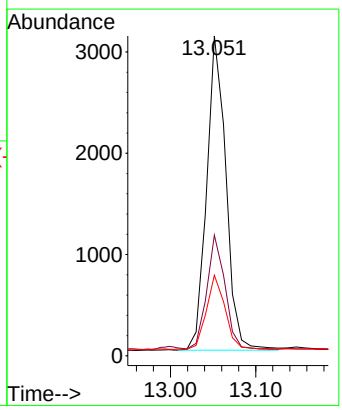
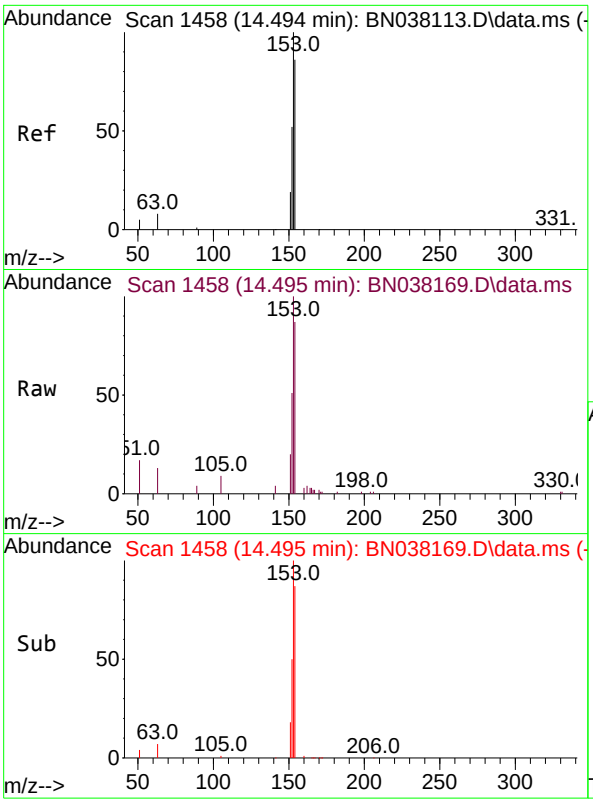


#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:172 Resp: 4896

Ion	Ratio	Lower	Upper
172	100		
171	37.7	27.8	41.6
170	25.2	18.1	27.1

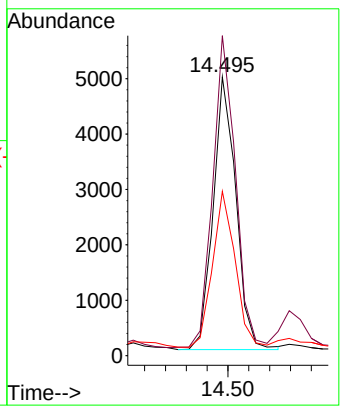




#17
Acenaphthene
Concen: 0.128 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:154 Resp: 746

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.0	135.0
152	57.2	47.3	70.9



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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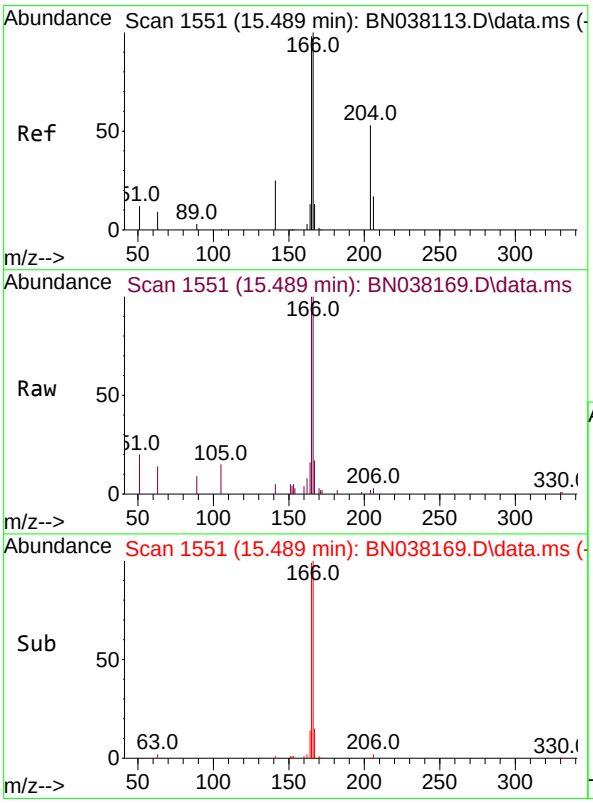
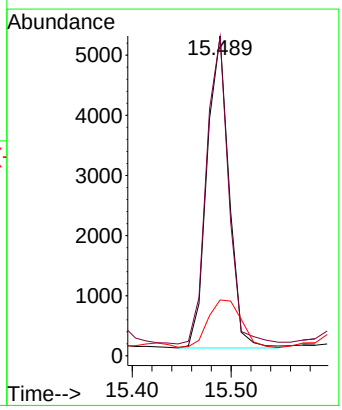
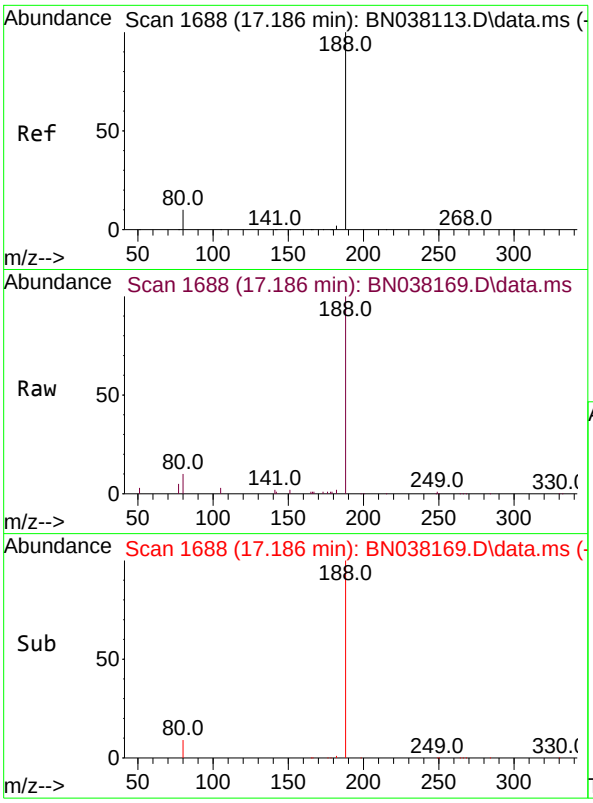


#18
Fluorene
Concen: 0.110 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:166 Resp: 8417

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	22.6	10.7	16.1#

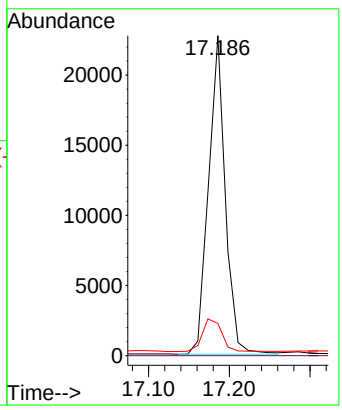




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:188 Resp: 3277

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.6	13.0



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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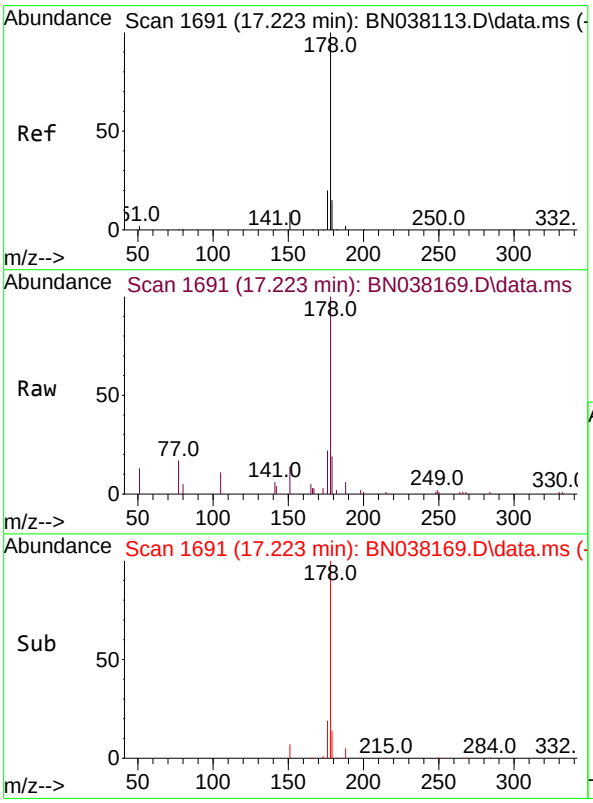
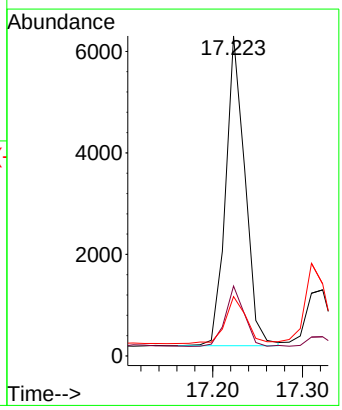
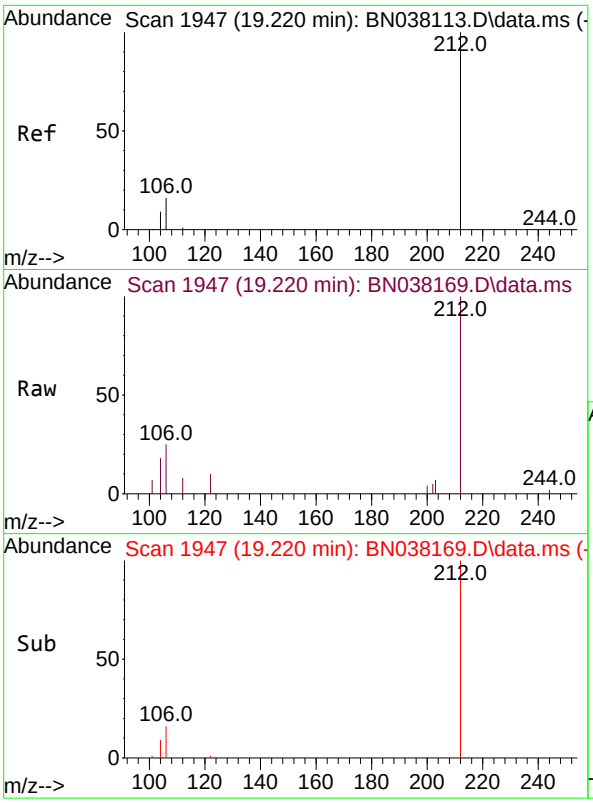


#25
Phenanthrene
Concen: 0.088 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:178 Resp: 9145

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.3	12.2	18.4

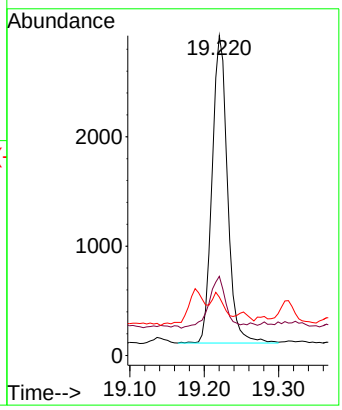




#27
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:212 Resp: 404

Ion	Ratio	Lower	Upper
212	100		
106	18.9	12.6	19.0
104	8.2	7.1	10.7



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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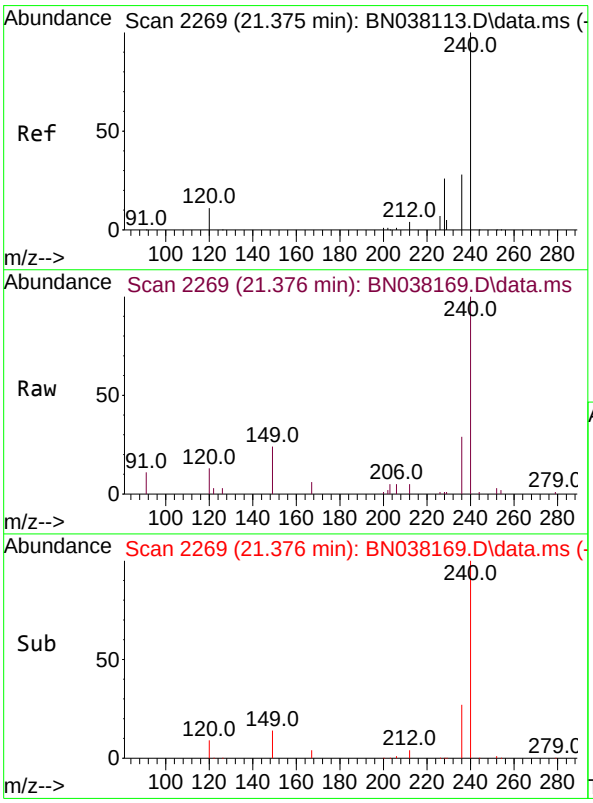
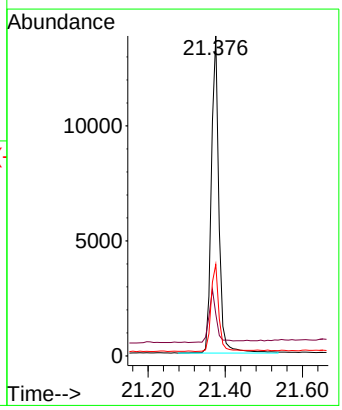
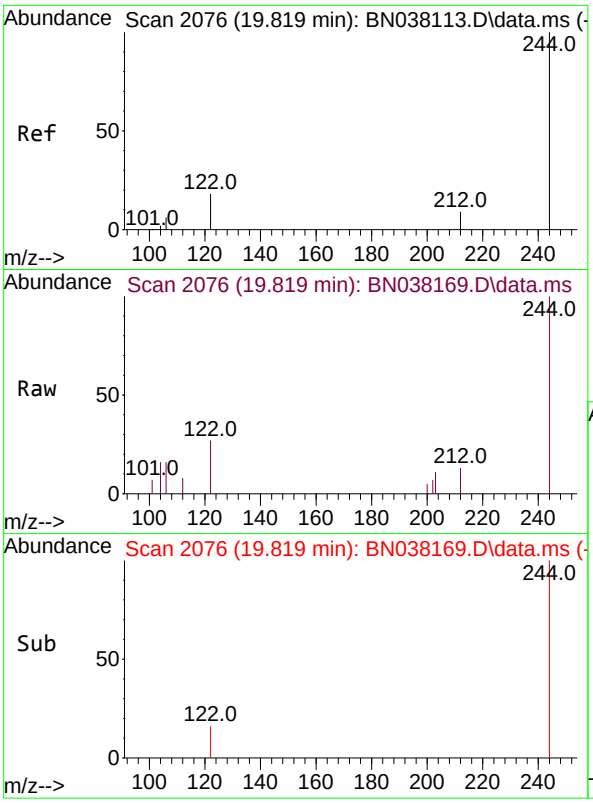


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:240 Resp: 18818

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.7	16.1
236	28.6	23.1	34.7

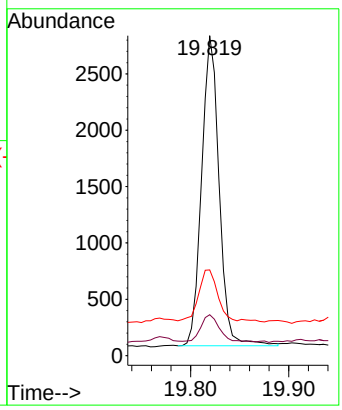




#31
Terphenyl-d14
Concen: 0.084 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:244 Resp: 3414

Ion	Ratio	Lower	Upper
244	100		
212	12.8	7.8	11.6#
122	26.8	15.2	22.8#



Instrument :
BNA_N
ClientSampleId :
MW-6DL

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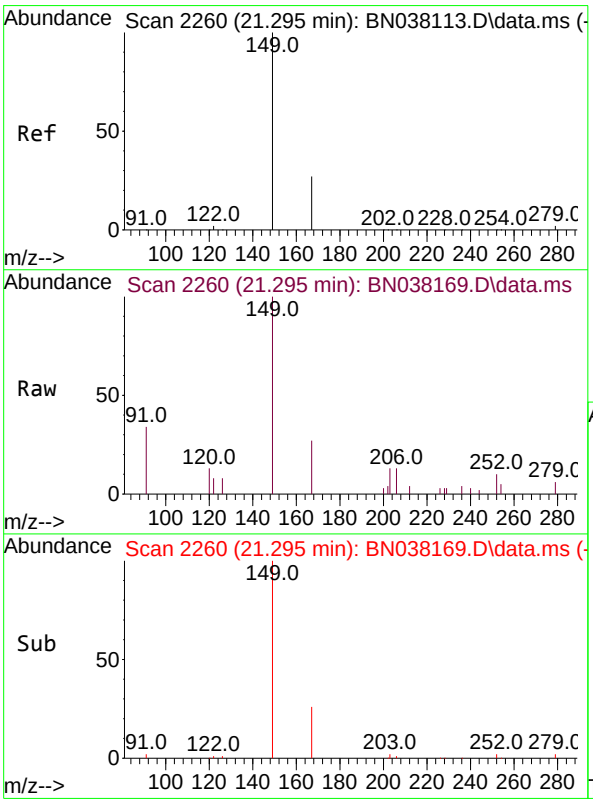
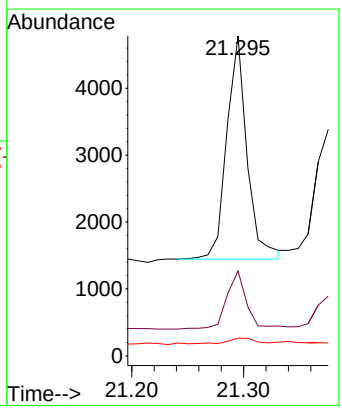
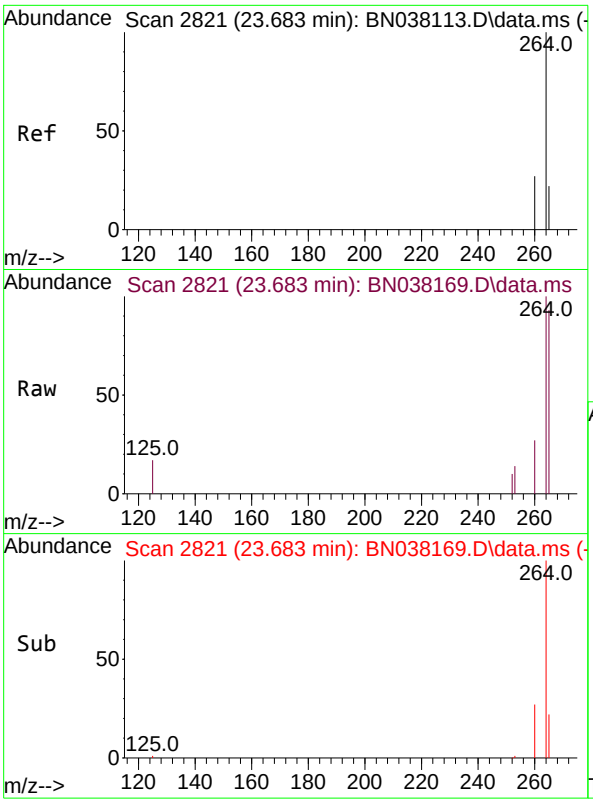


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:149 Resp: 4200

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.1	31.7
279	3.3	2.9	4.3

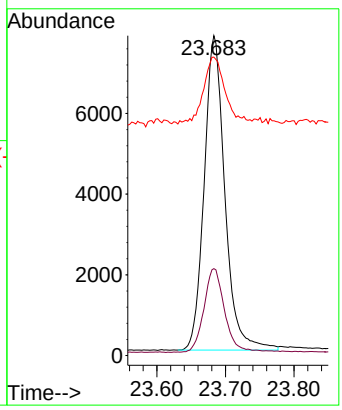




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:264 Resp: 1636

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	93.3	68.6	102.8



Instrument :
BNA_N
ClientSampleId :
MW-6DL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

A B C D E F G H I J K

Quantitation Report (QT Reviewed)

Sample Results: **BN038150.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038150.D
Acq On : 07 Nov 2025 11:27
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1

Quant Time: Nov 07 11:52:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

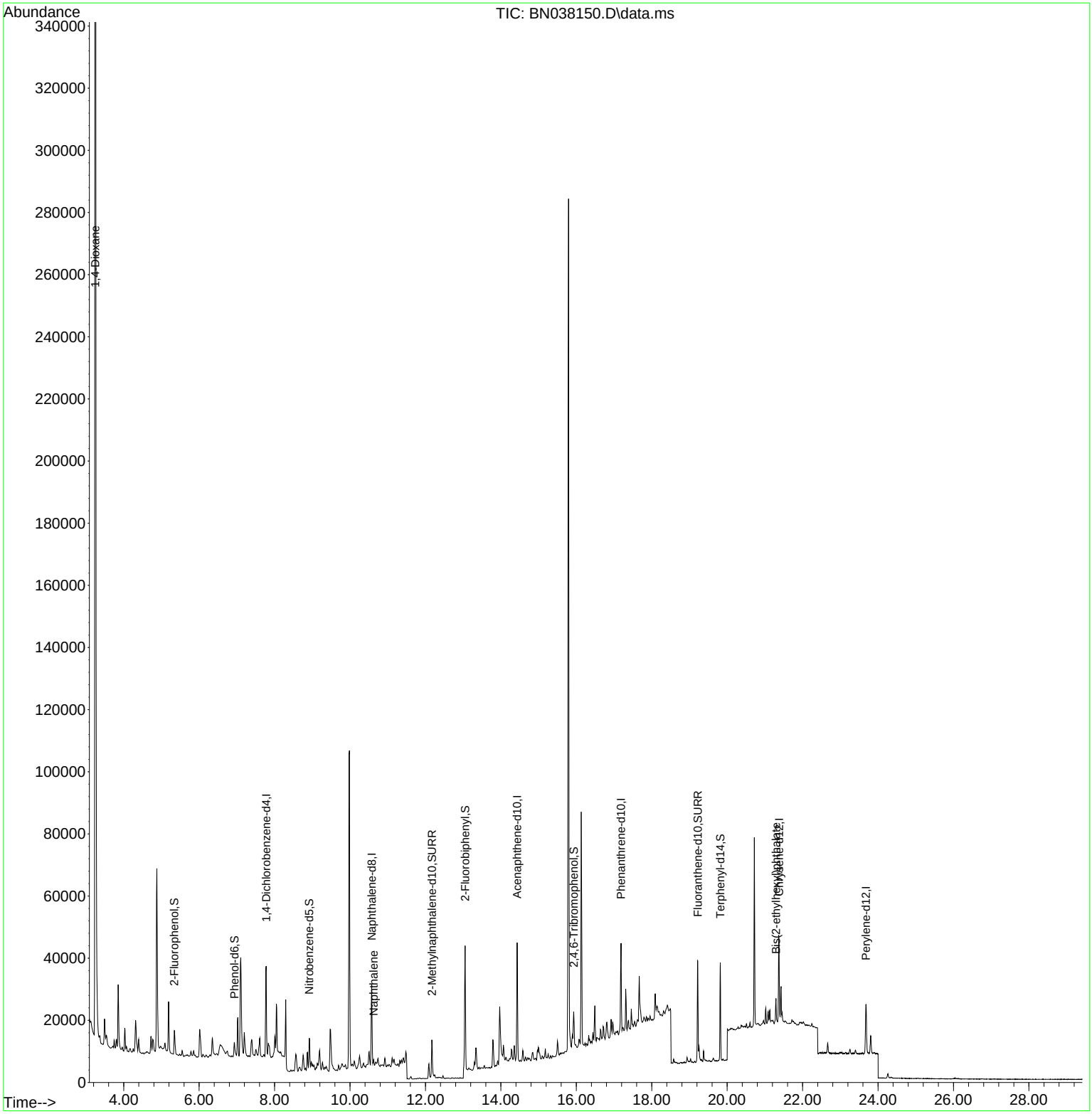
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10682	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	34512	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21143	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	39293	0.400	ng	0.00
29) Chrysene-d12	21.375	240	27007	0.400	ng	0.00
35) Perylene-d12	23.680	264	21896	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4556	0.181	ng	0.00
5) Phenol-d6	6.937	99	4076	0.133	ng	0.00
8) Nitrobenzene-d5	8.918	82	9385	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16461	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4244	0.487	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25711	0.304	ng	0.00
27) Fluoranthene-d10	19.220	212	36896	0.372	ng	0.00
31) Terphenyl-d14	19.819	244	29953	0.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	651509	59.029	ng	100
9) Naphthalene	10.626	128	3096	0.033	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.295	149	7413	0.146	ng	100

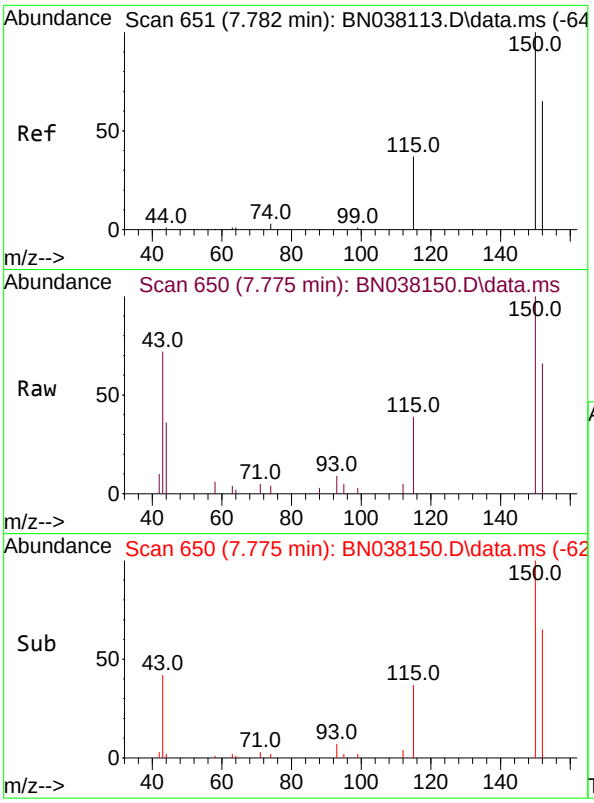
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038150.D
Acq On : 07 Nov 2025 11:27
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1

Quant Time: Nov 07 11:52:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



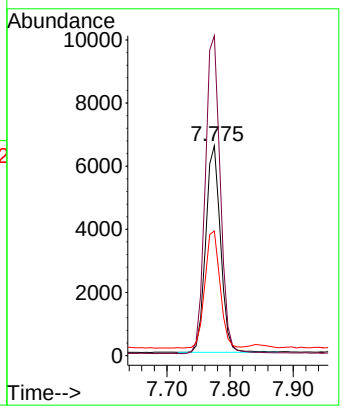


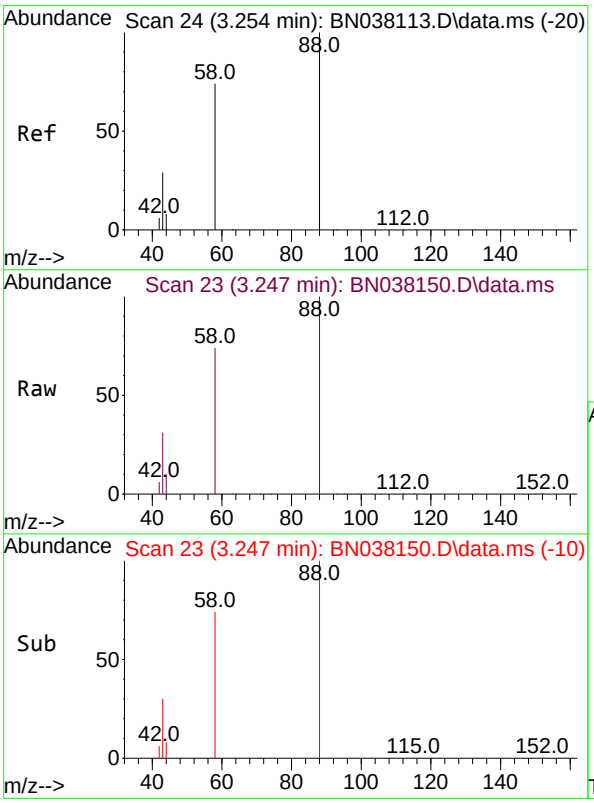
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 10682

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.3	183.5
115	59.3	47.4	71.0

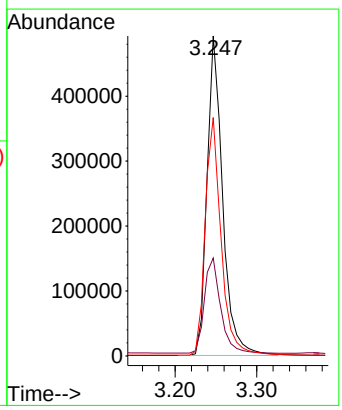


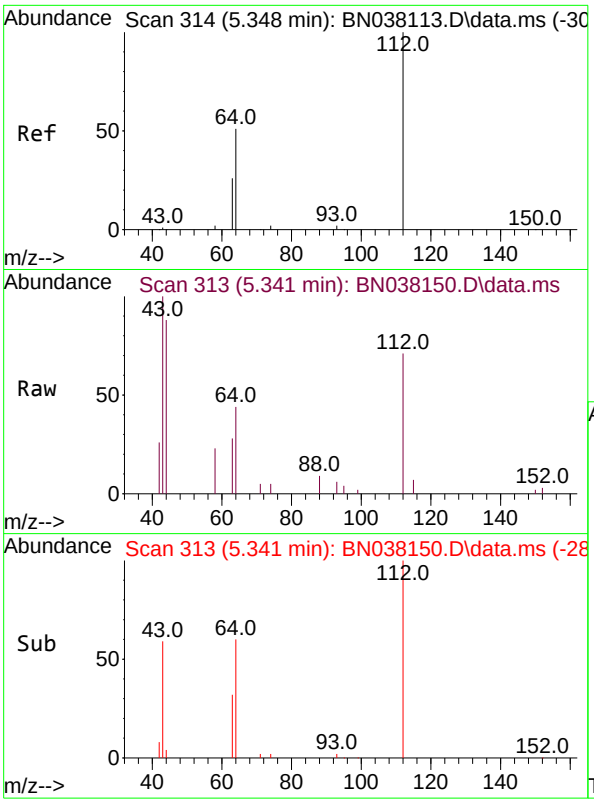


#2
1,4-Dioxane
Concen: 59.029 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 88 Resp: 651509

Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.3	36.5
58	75.6	60.4	90.6



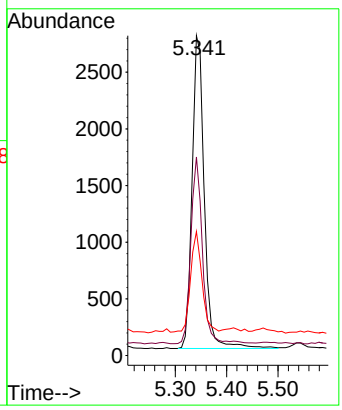


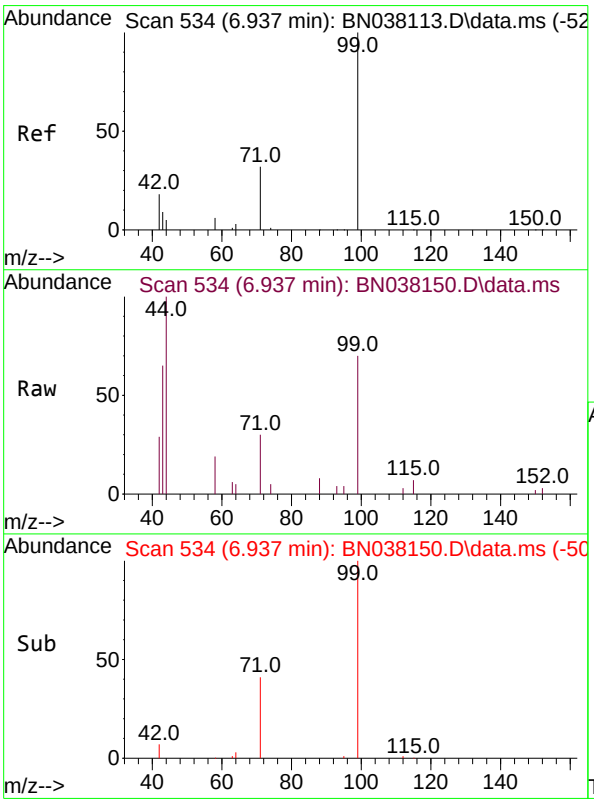
#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 4556

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.0
63	30.6	23.2	34.8

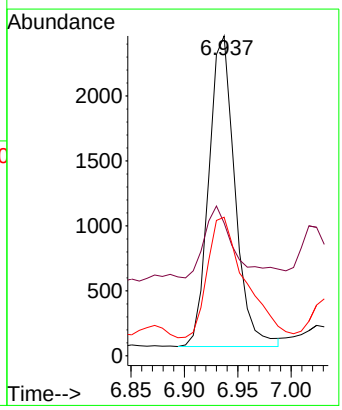


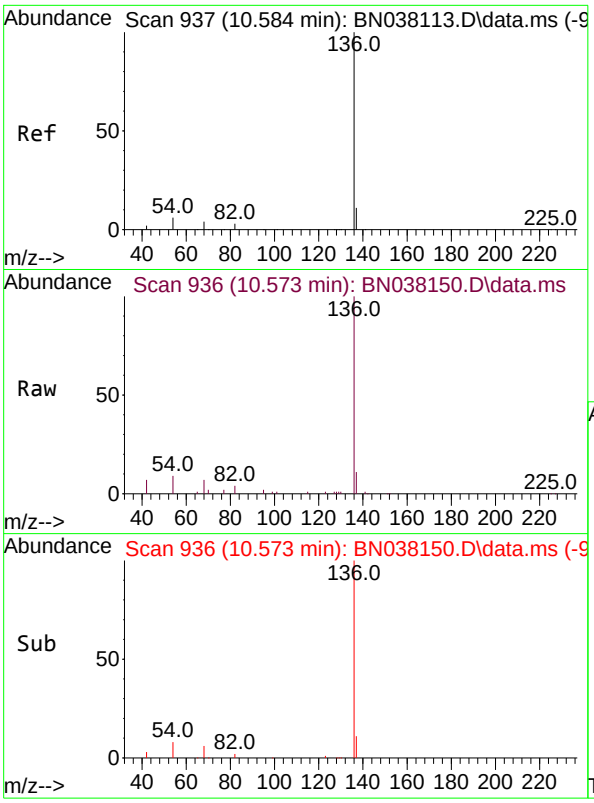


#5
Phenol-d6
Concen: 0.133 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 99 Resp: 4076

Ion	Ratio	Lower	Upper
99	100		
42	30.3	16.6	24.8#
71	55.8	25.4	38.2#



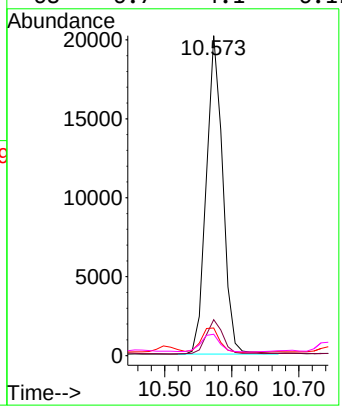


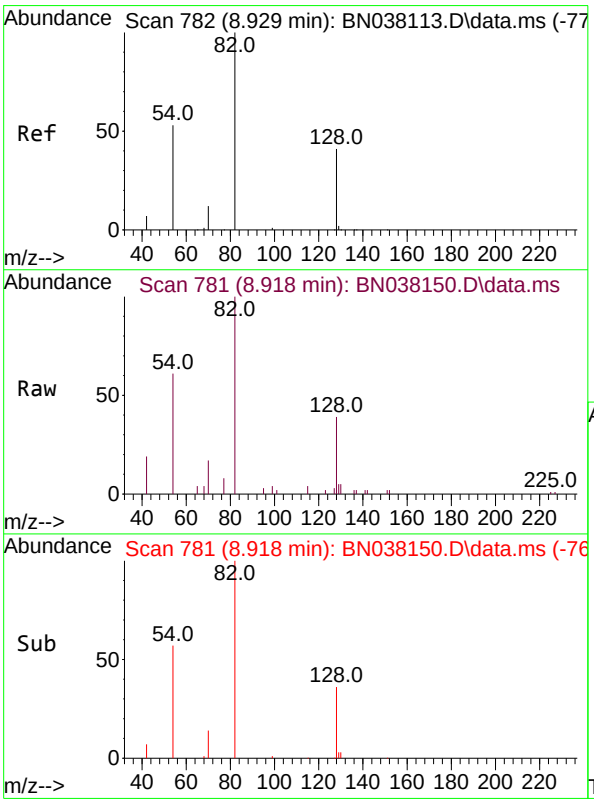
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 34512

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.6	5.2	7.8#
68	6.7	4.1	6.1#

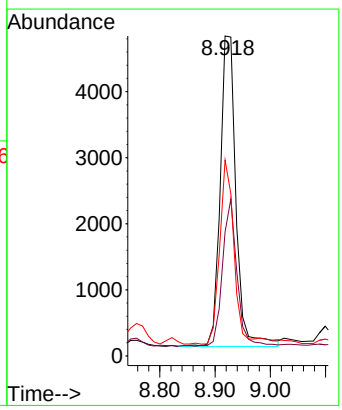


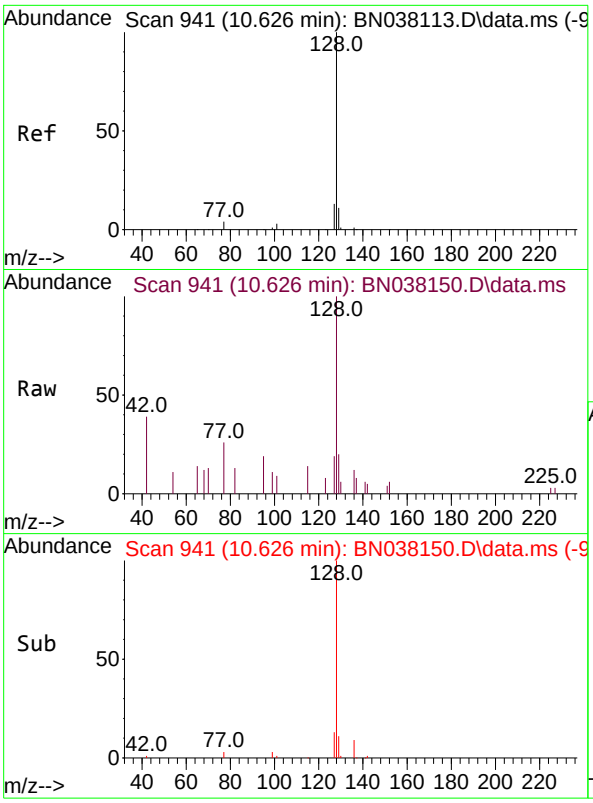


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion: 82 Resp: 9385

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.1	51.1
54	61.2	43.5	65.3



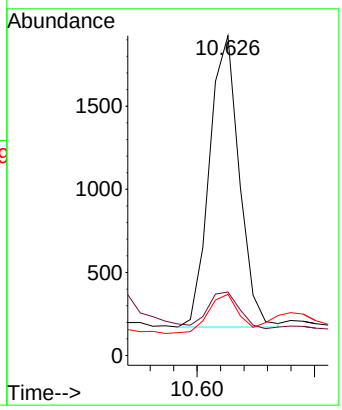


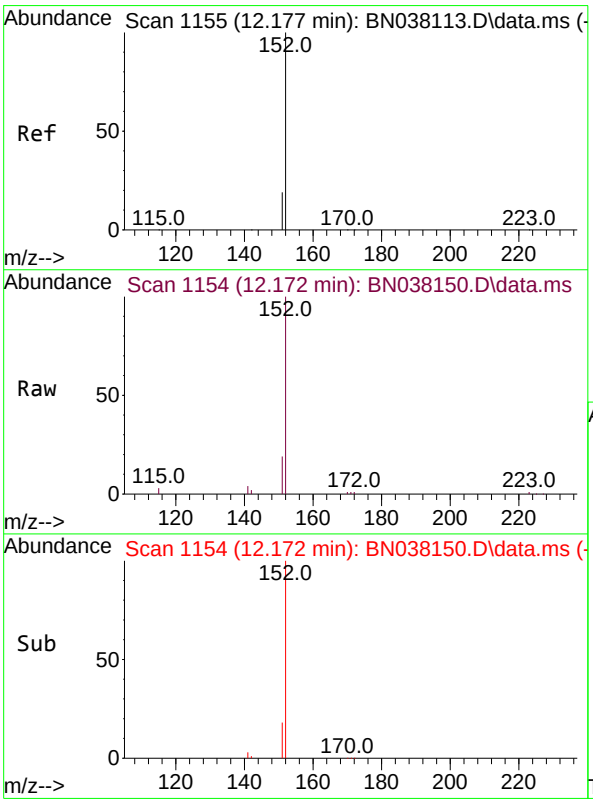
#9
Naphthalene
Concen: 0.033 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 3096

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.1	13.7#
127	19.2	10.5	15.7#

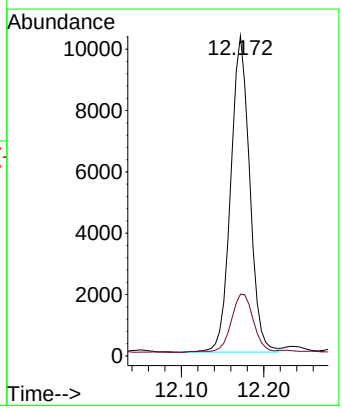


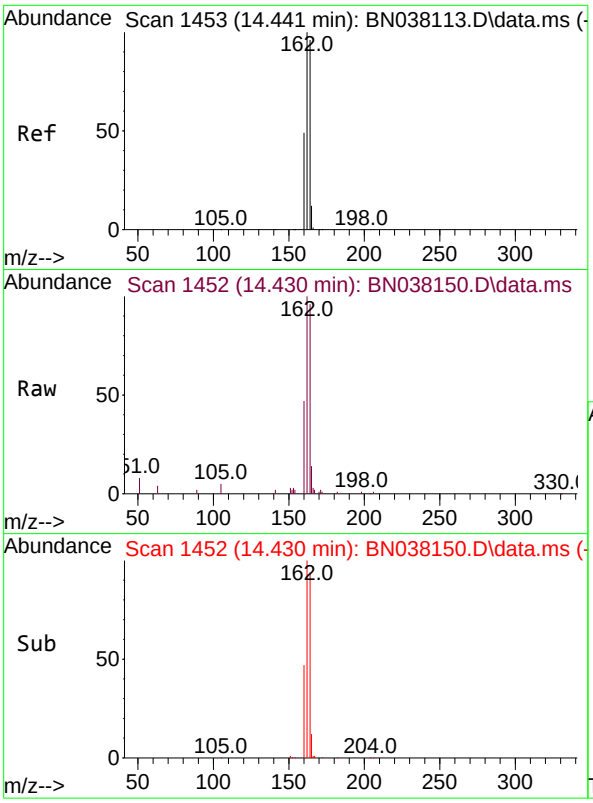


#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:152 Resp: 16461

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2



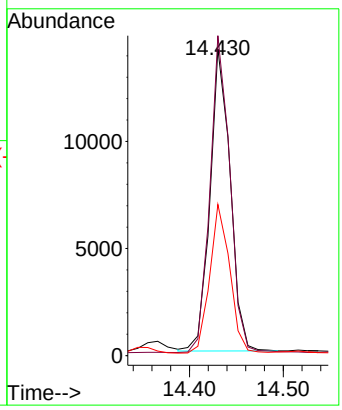


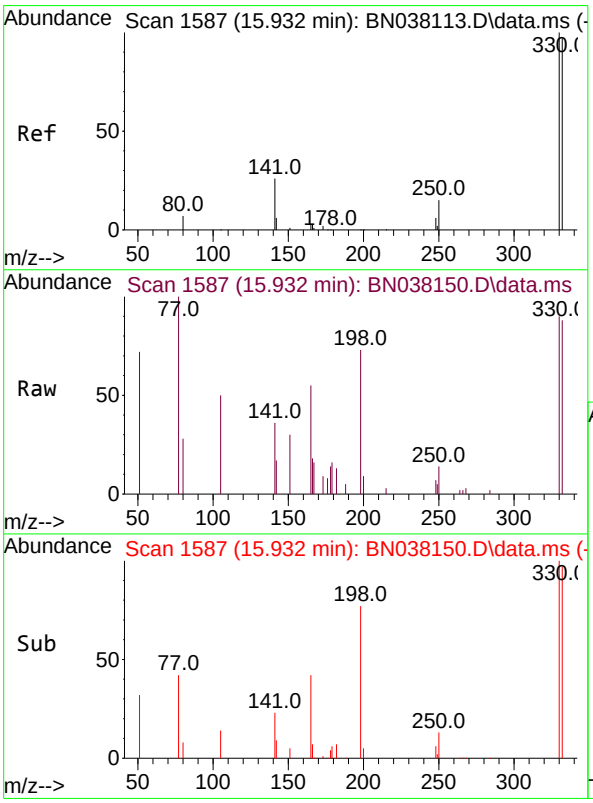
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 21143

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	49.3	40.7	61.1

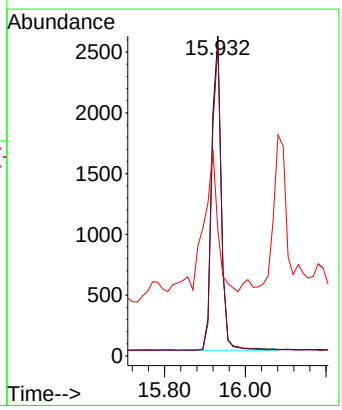


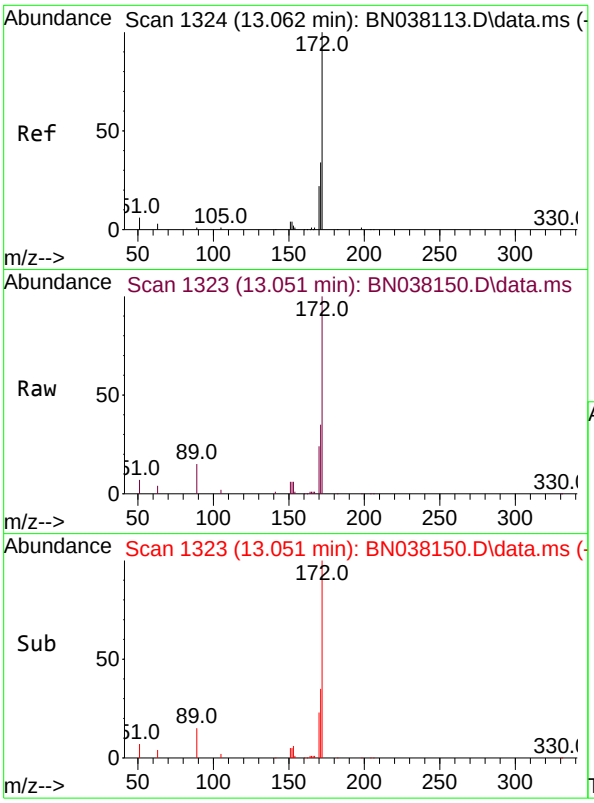


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:330 Resp: 4244

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	68.0	34.1	51.1#



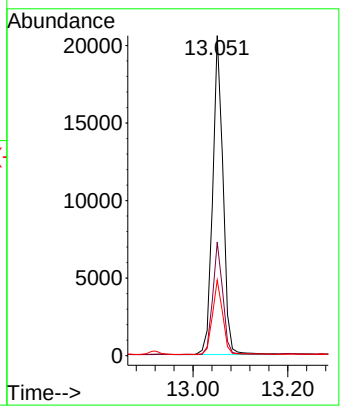


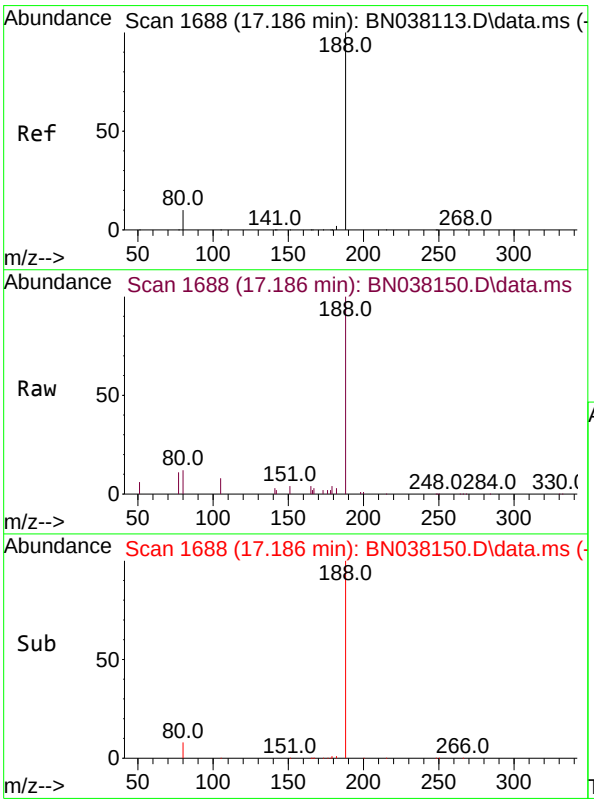
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 25711

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.6	18.1	27.1

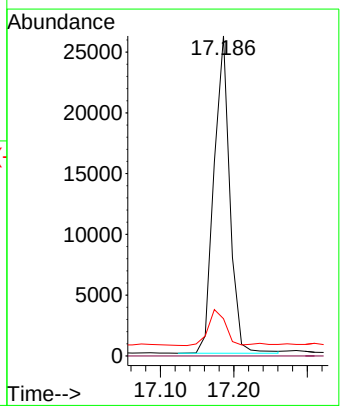


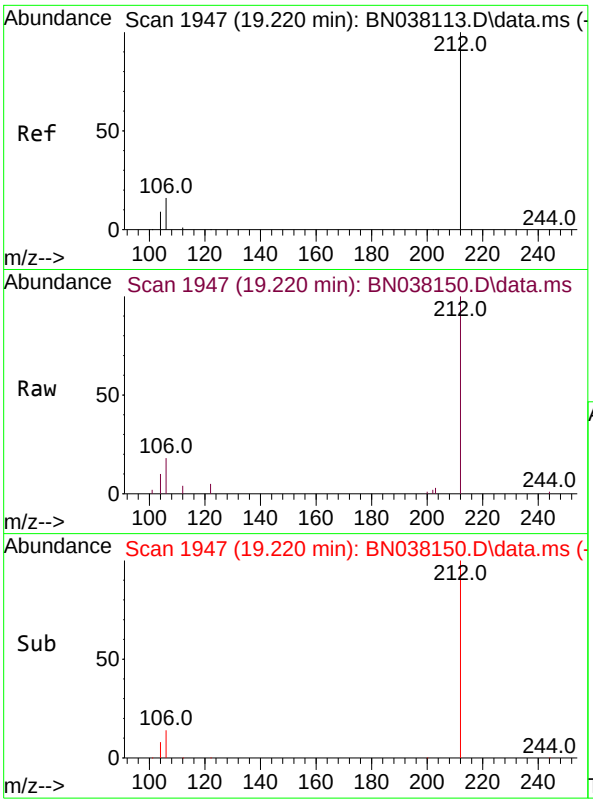


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:188 Resp: 39293

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.6	13.0



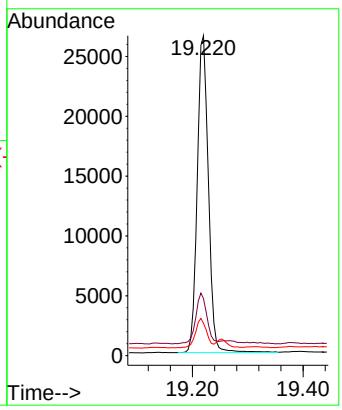


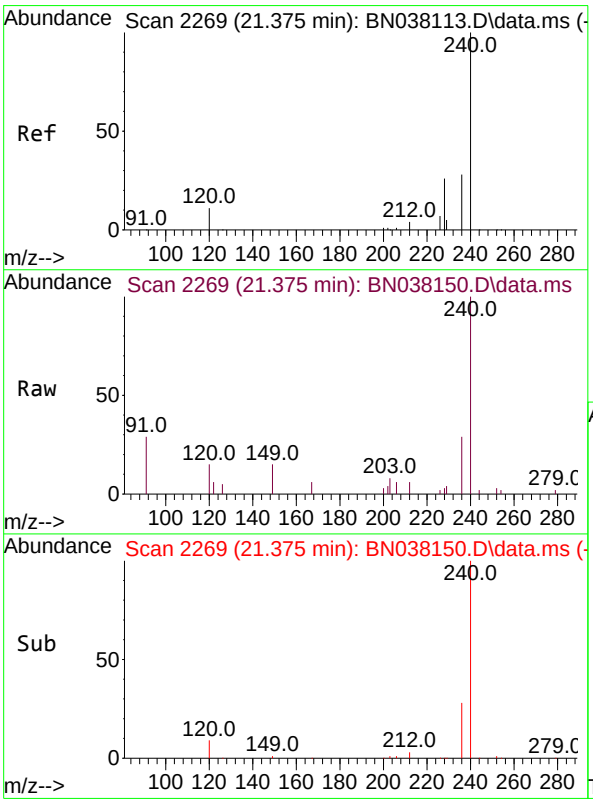
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.220 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:212 Resp: 36896

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	9.4	7.1	10.7

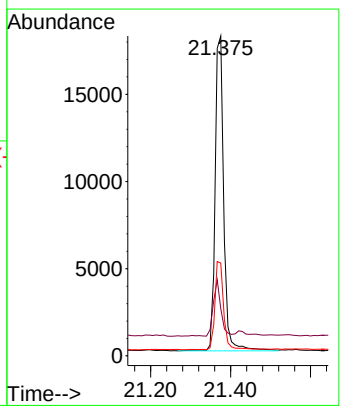


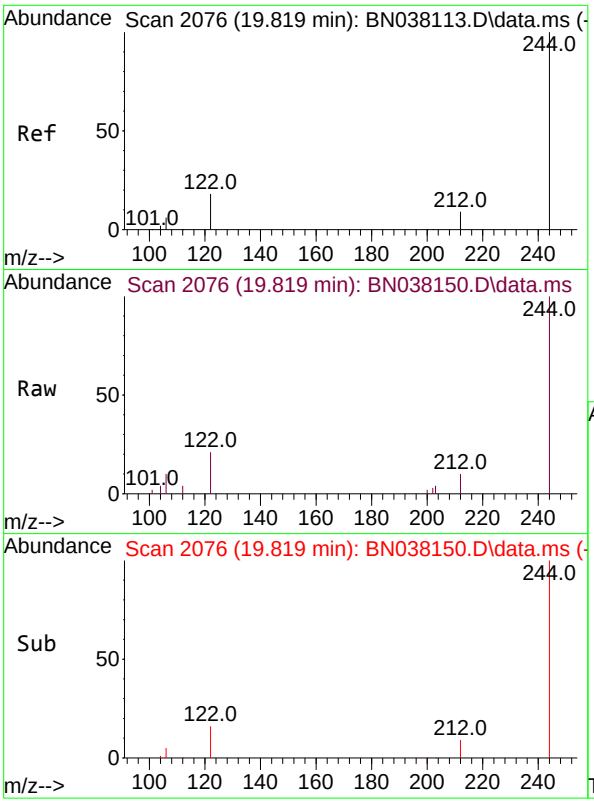


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:240 Resp: 27007

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.7	16.1
236	29.0	23.1	34.7



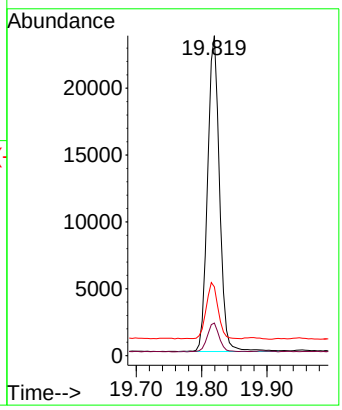


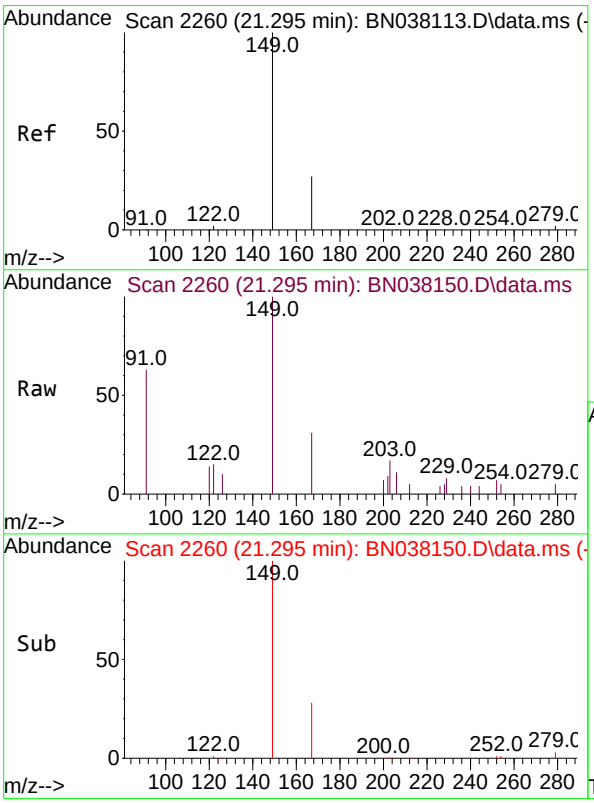
#31
Terphenyl-d14
Concen: 0.510 ng
RT: 19.819 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 29953

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	21.5	15.2	22.8

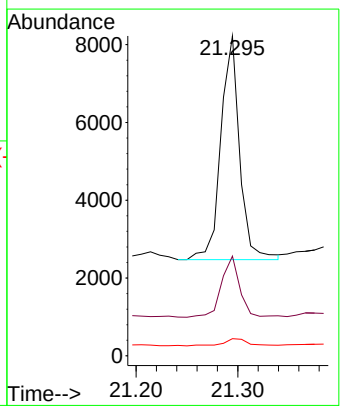


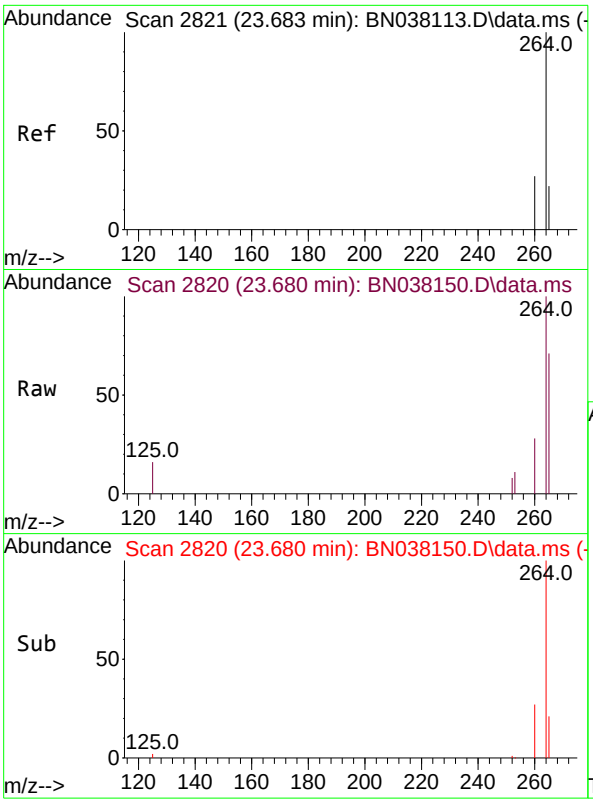


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Tgt Ion:149 Resp: 7413

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.1	31.7
279	4.2	2.9	4.3



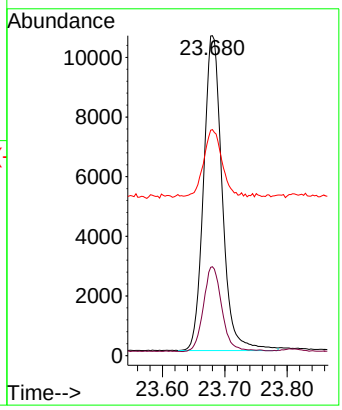


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038150.D
Acq: 07 Nov 2025 11:27

Instrument :
BNA_N
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 21896

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.8	32.8
265	70.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038170.D
Acq On : 08 Nov 2025 01:20
Operator : RC/JU
Sample : Q3534-02DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Quant Time: Nov 08 03:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

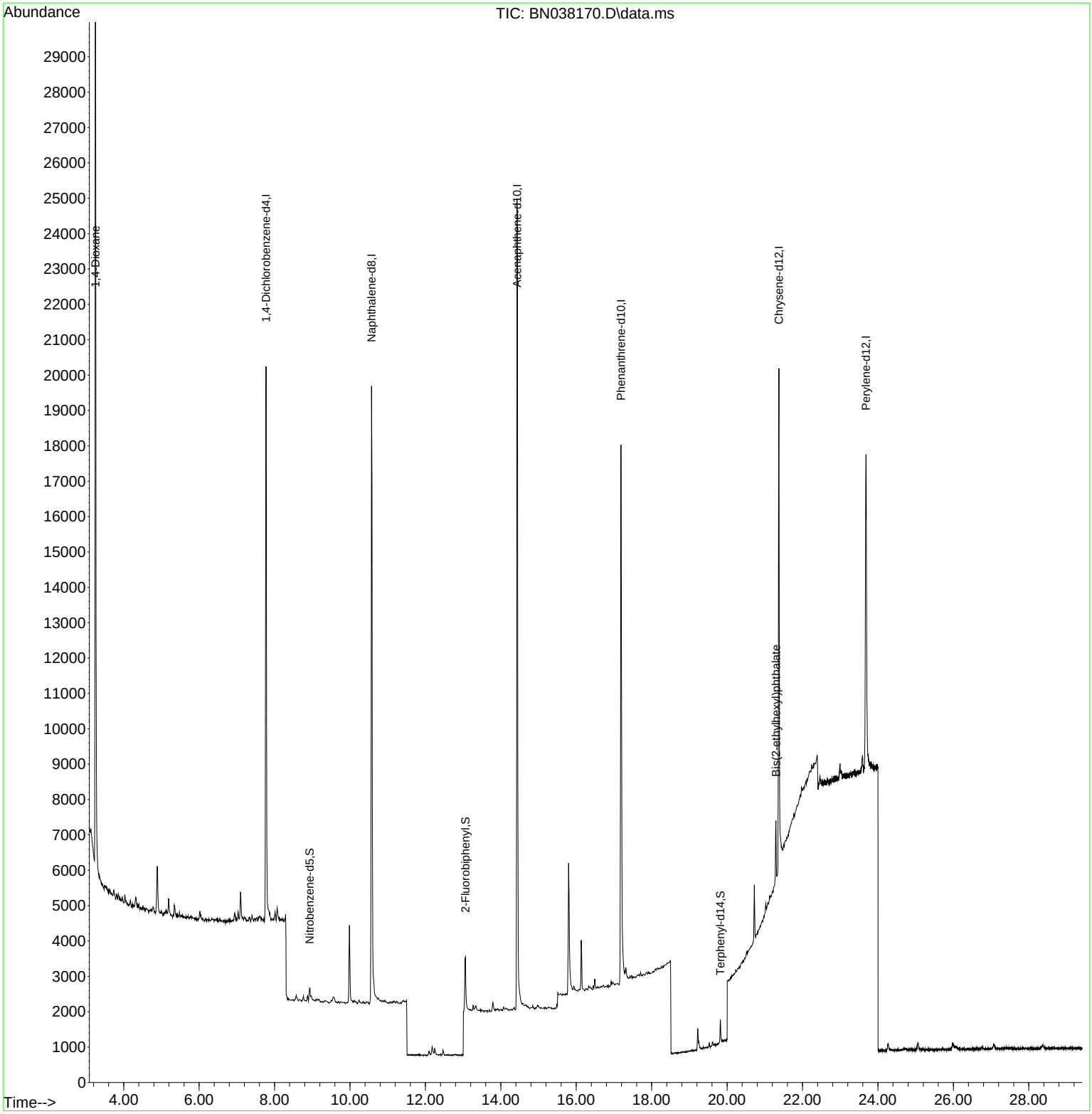
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8096	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25457	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14977	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25954	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14825	0.400	ng	0.00
35) Perylene-d12	23.683	264	13976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	206	0.011	ng	0.00
5) Phenol-d6	6.944	99	228	0.010	ng	0.00
8) Nitrobenzene-d5	8.929	82	456	0.022	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	385	0.011	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	81	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	1835	0.031	ng	0.01
27) Fluoranthene-d10	19.220	212	761	0.012	ng	0.00
31) Terphenyl-d14	19.824	244	728	0.023	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	19144	2.289	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.073	ng	93

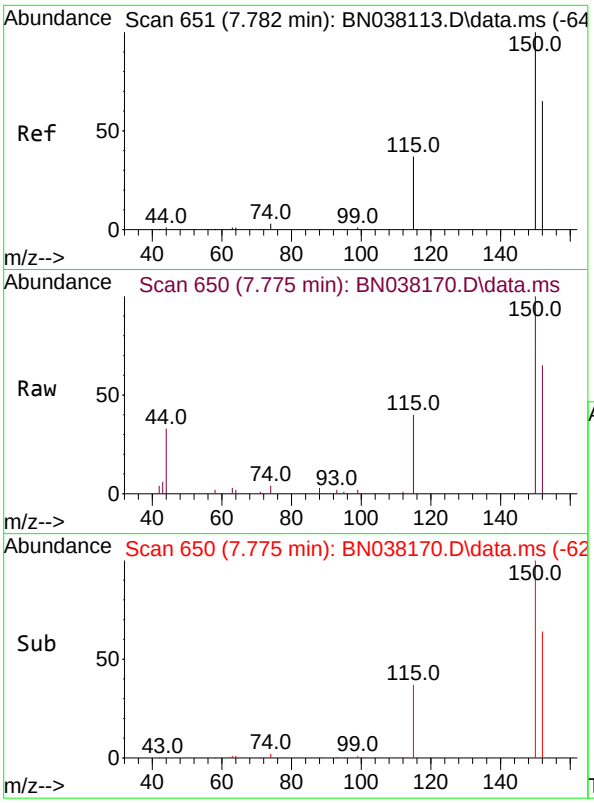
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038170.D
Acq On : 08 Nov 2025 01:20
Operator : RC/JU
Sample : Q3534-02DL 30X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Quant Time: Nov 08 03:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



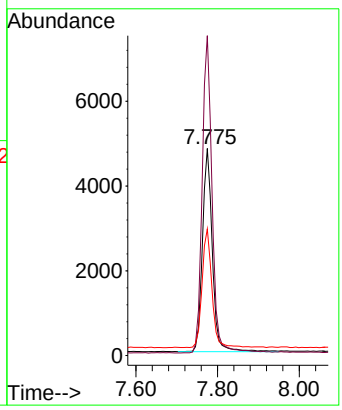


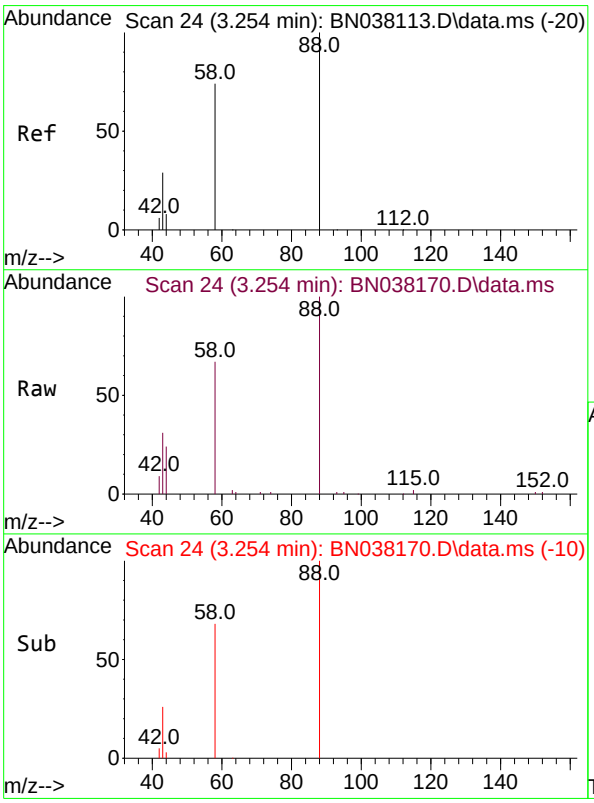
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 8096

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.3	183.5
115	61.1	47.4	71.0

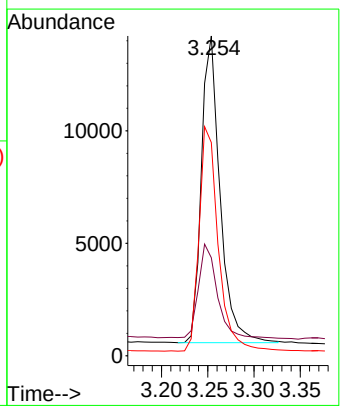


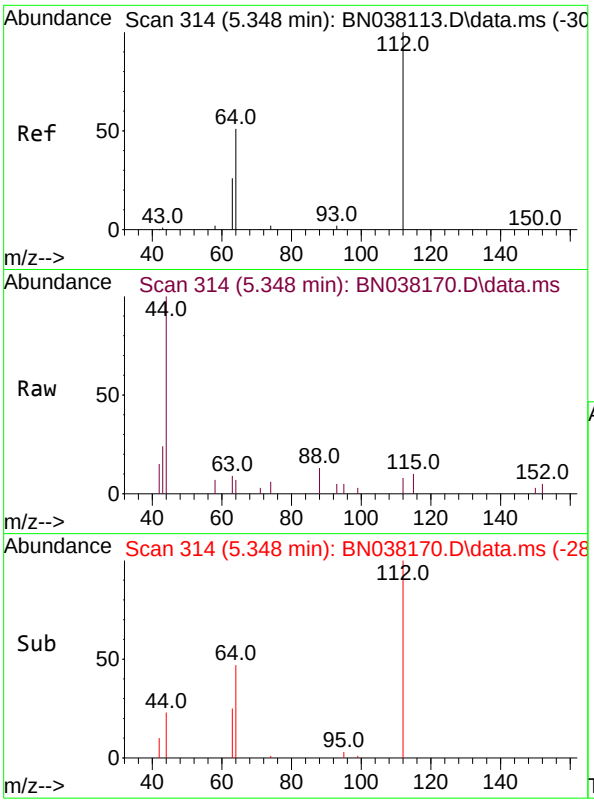


#2
1,4-Dioxane
Concen: 2.289 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion: 88 Resp: 19144

Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.3	36.5
58	75.1	60.4	90.6



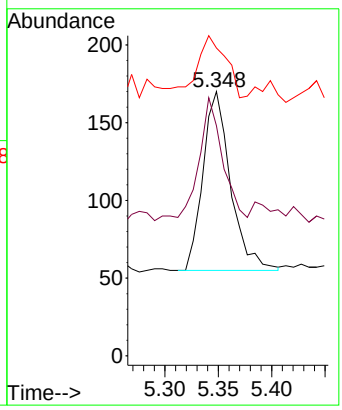


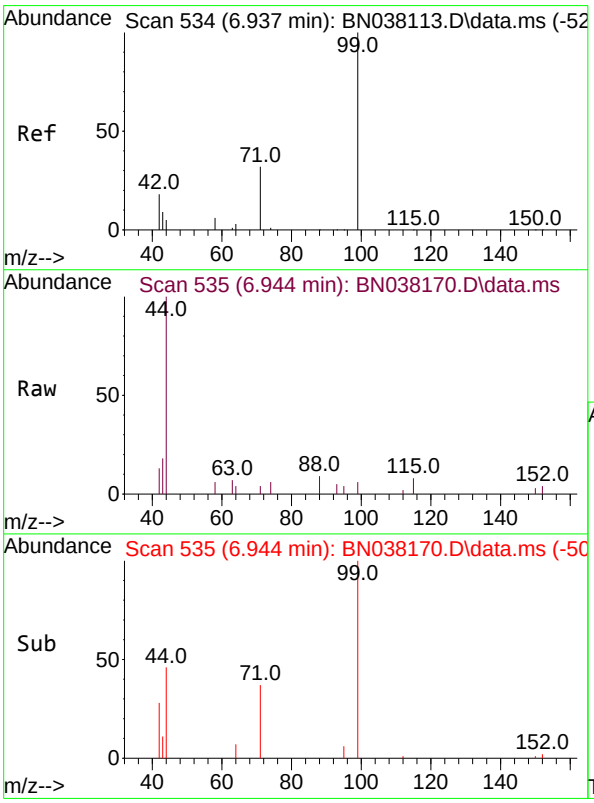
#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.348 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:112 Resp: 206

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.4	68.0
63	34.5	23.2	34.8

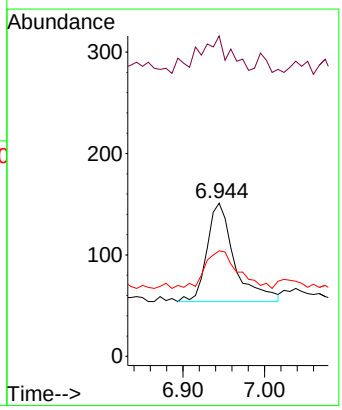


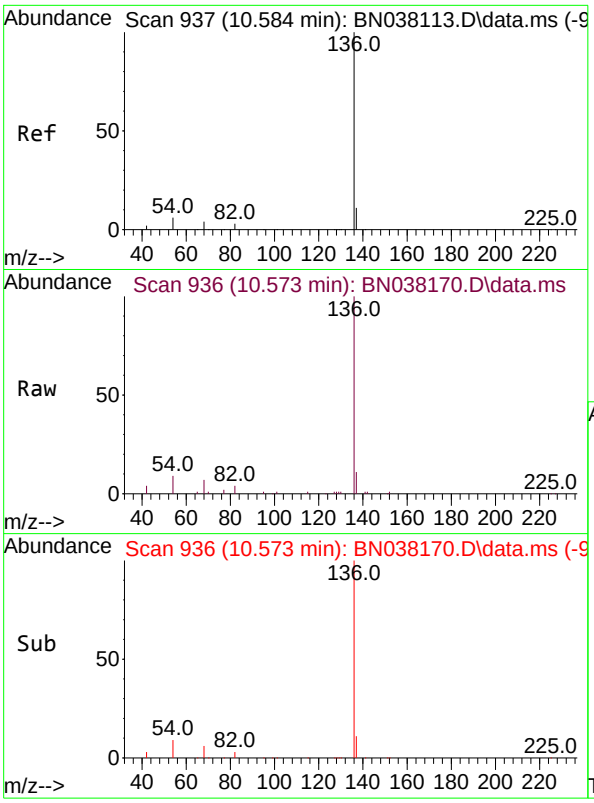


#5
Phenol-d6
Concen: 0.010 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion: 99 Resp: 228

Ion	Ratio	Lower	Upper
99	100		
42	44.3	16.6	24.8#
71	45.6	25.4	38.2#



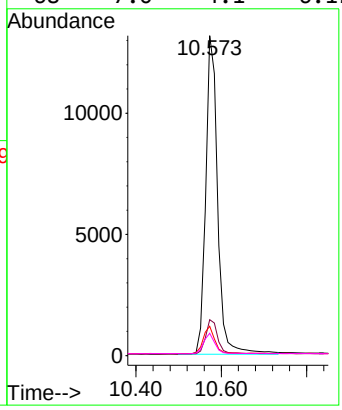


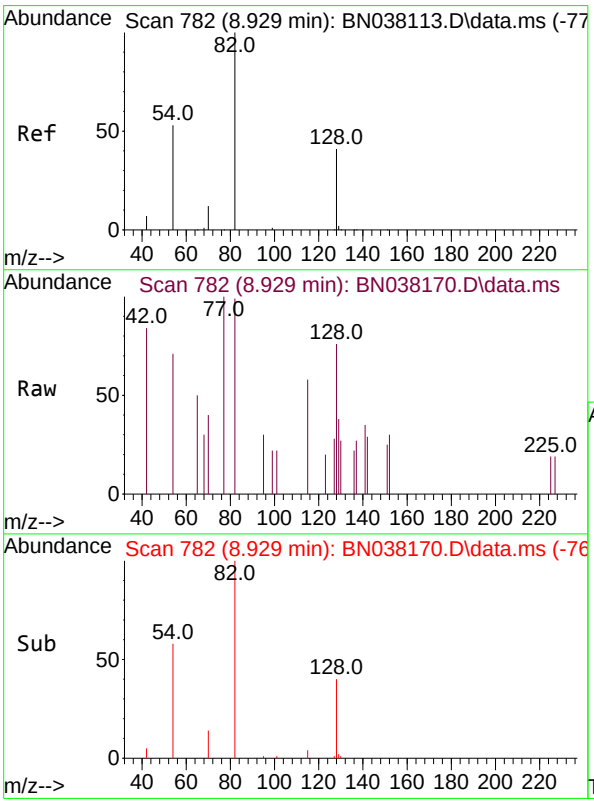
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:136 Resp: 25457

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.2	5.2	7.8#
68	7.0	4.1	6.1#

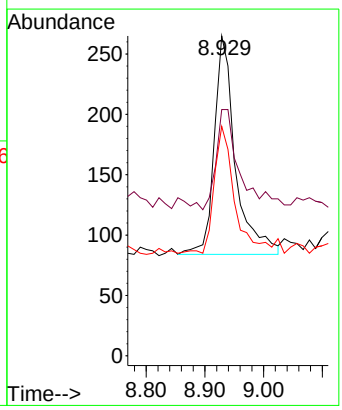


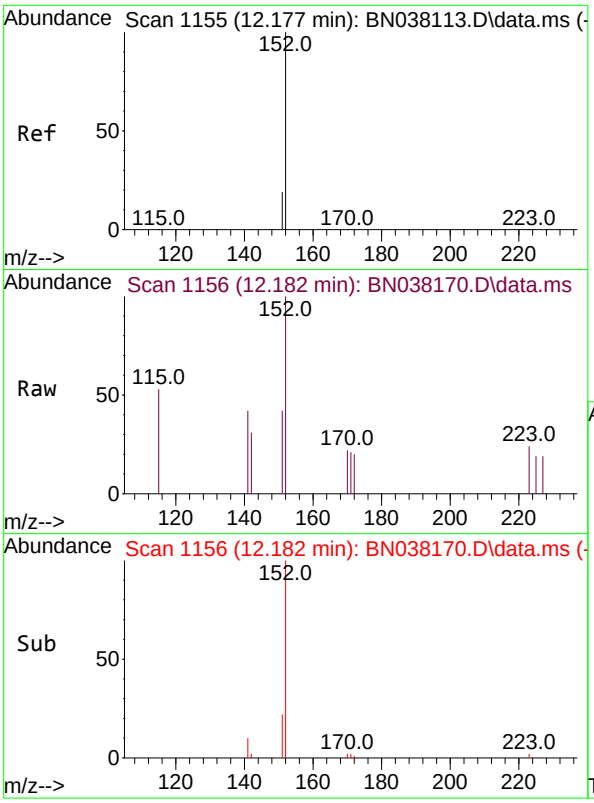


#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion: 82 Resp: 456

Ion	Ratio	Lower	Upper
82	100		
128	77.0	34.1	51.1#
54	71.7	43.5	65.3#



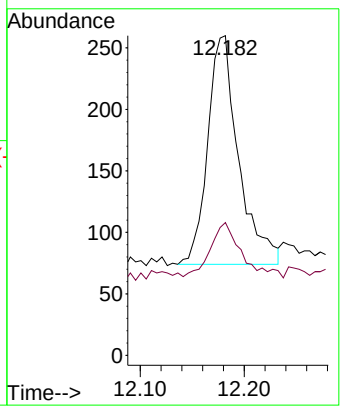


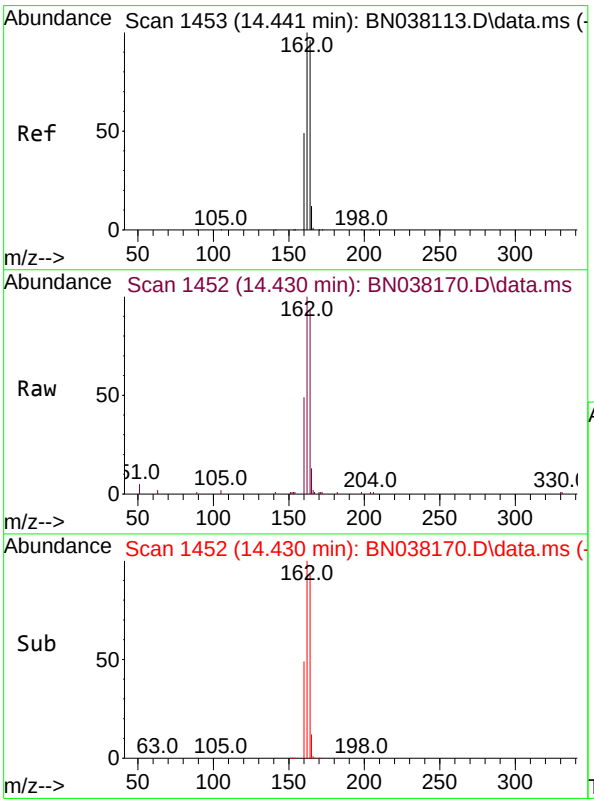
#11
2-Methylnaphthalene-d10
Concen: 0.011 ng
RT: 12.182 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 385

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.8	25.2#

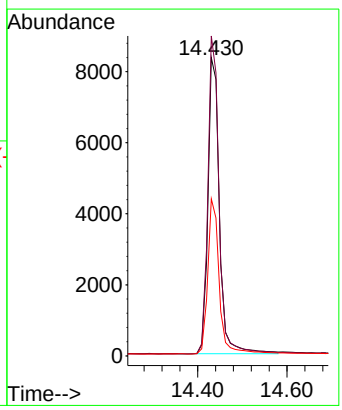


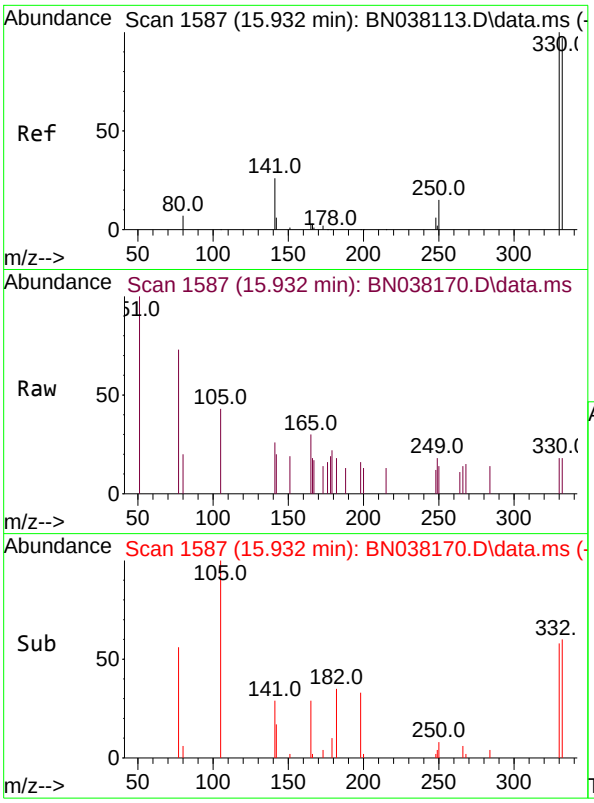


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:164 Resp: 14977

Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.0	124.4
160	52.7	40.7	61.1



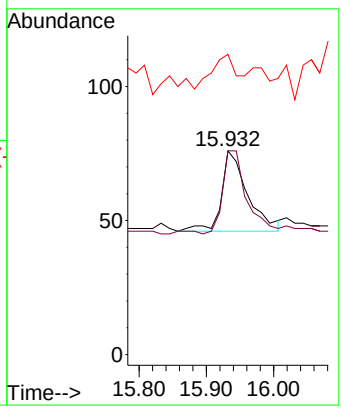


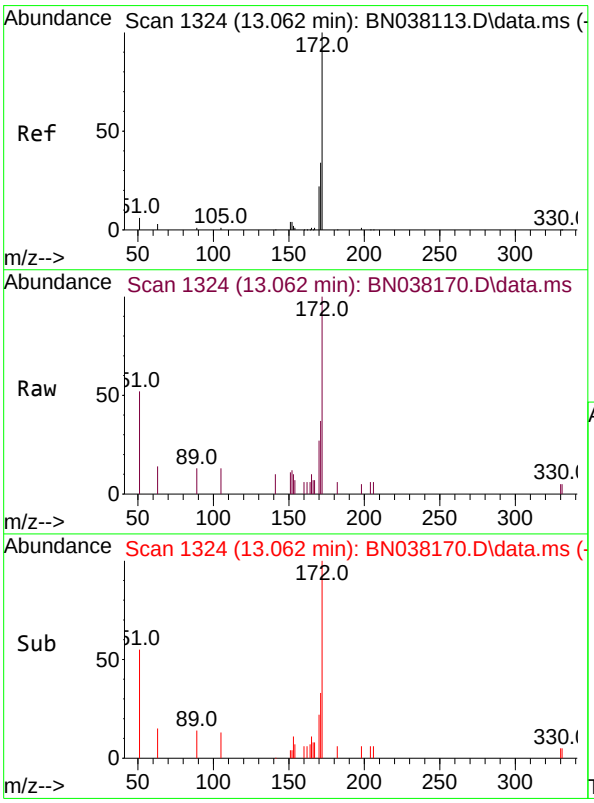
#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:330 Resp: 81

Ion	Ratio	Lower	Upper
330	100		
332	104.9	76.6	114.8
141	40.7	34.1	51.1

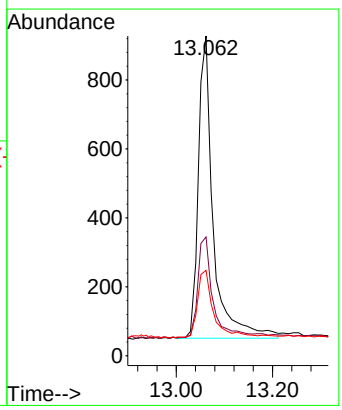


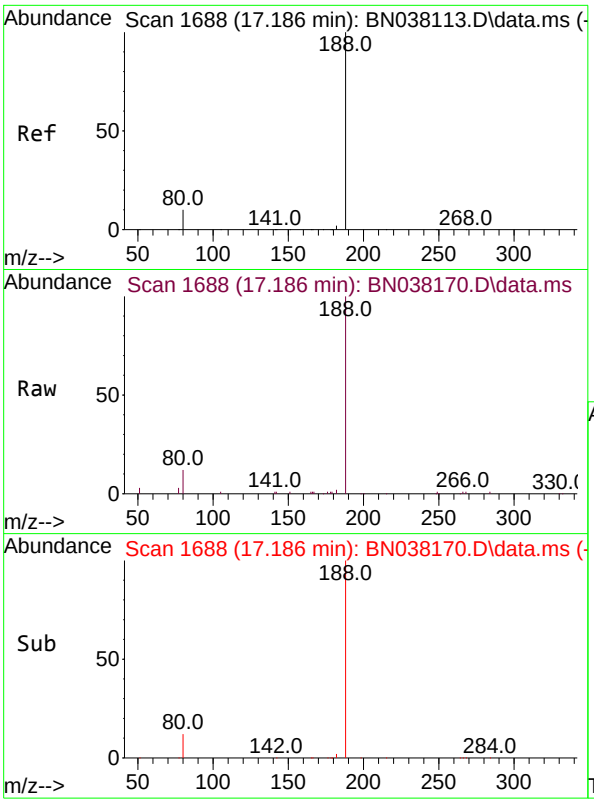


#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:172 Resp: 1835

Ion	Ratio	Lower	Upper
172	100		
171	37.2	27.8	41.6
170	26.7	18.1	27.1



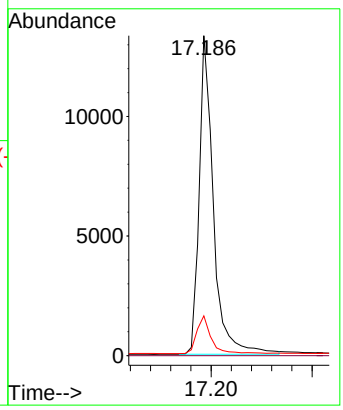


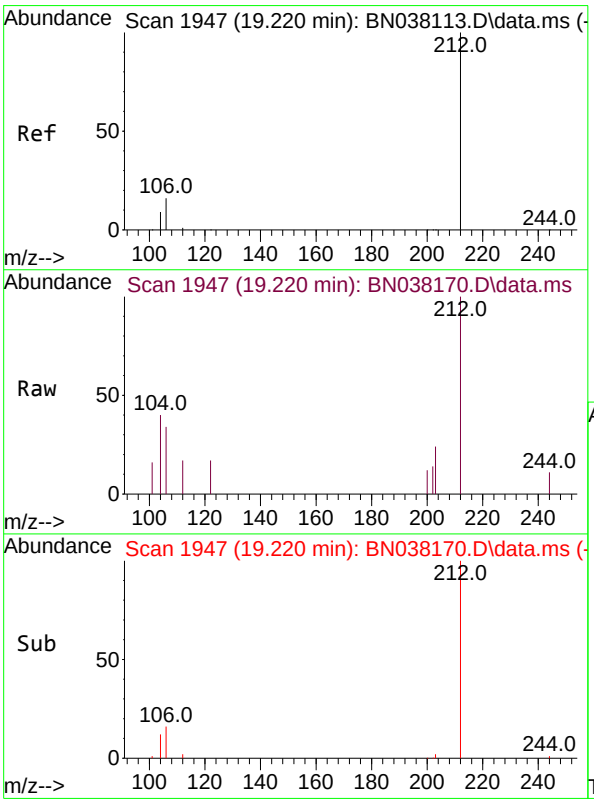
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:188 Resp: 25954

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	8.6	13.0

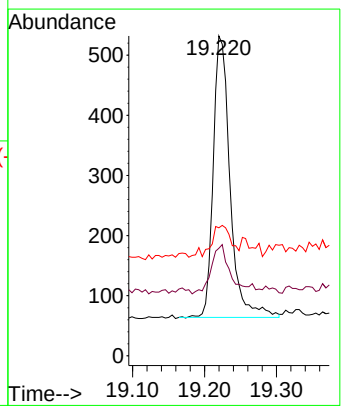


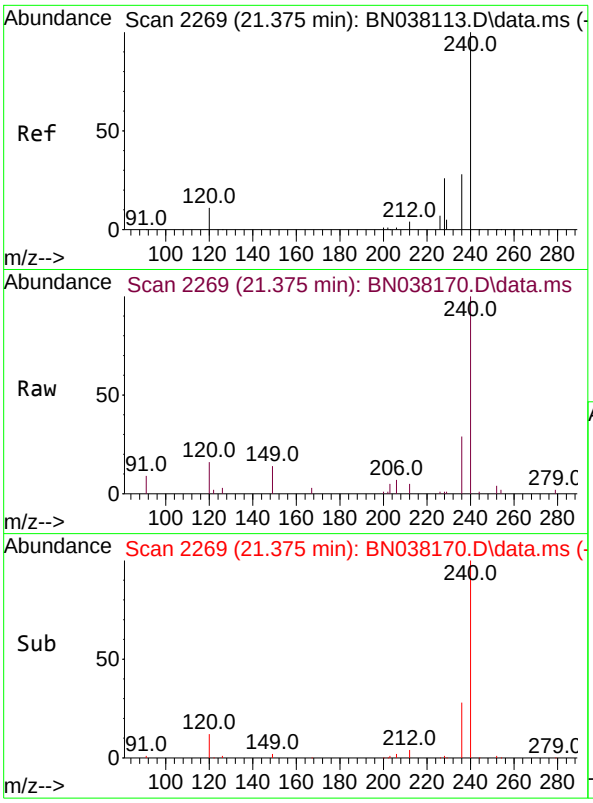


#27
Fluoranthene-d10
Concen: 0.012 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:212 Resp: 761

Ion	Ratio	Lower	Upper
212	100		
106	18.9	12.6	19.0
104	12.2	7.1	10.7#



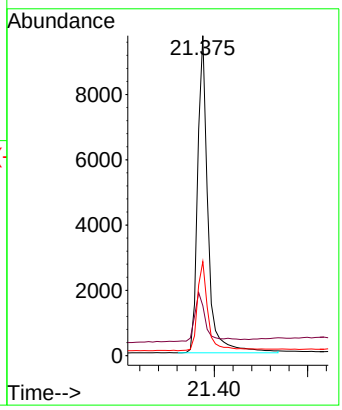


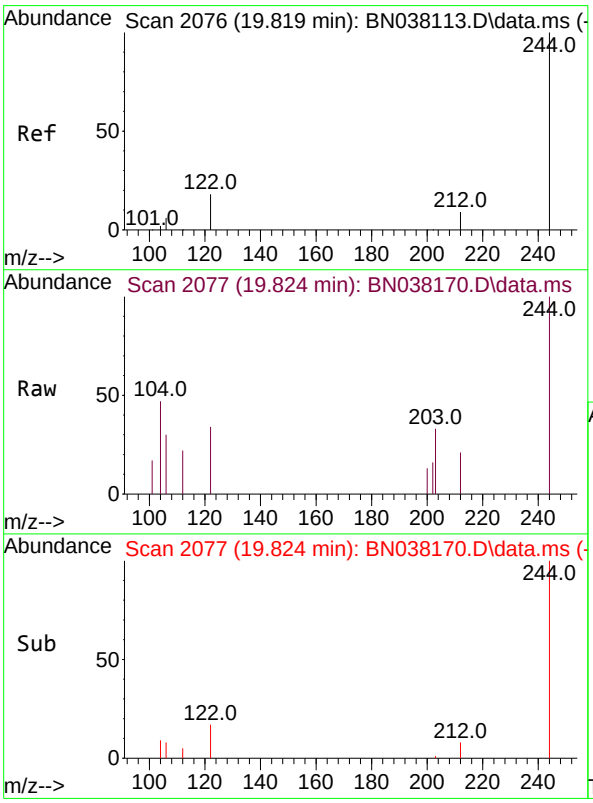
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:240 Resp: 14825

Ion	Ratio	Lower	Upper
240	100		
120	15.6	10.7	16.1
236	29.4	23.1	34.7

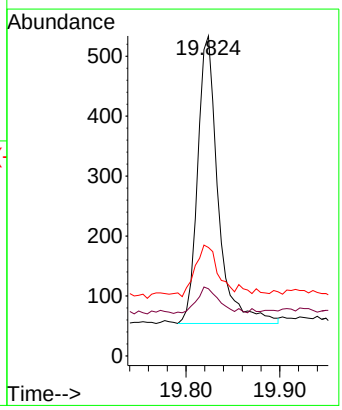


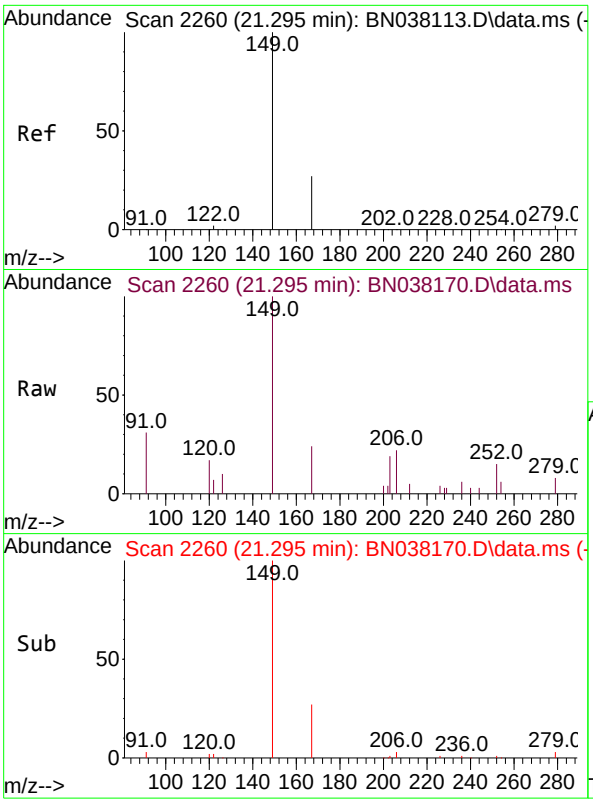


#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:244 Resp: 728

Ion	Ratio	Lower	Upper
244	100		
212	21.0	7.8	11.6#
122	33.9	15.2	22.8#



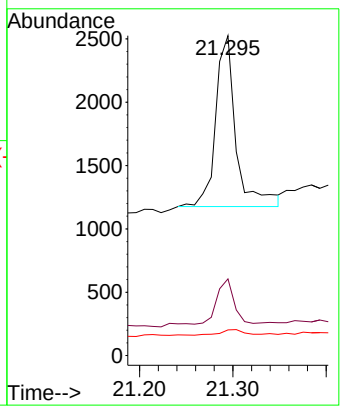


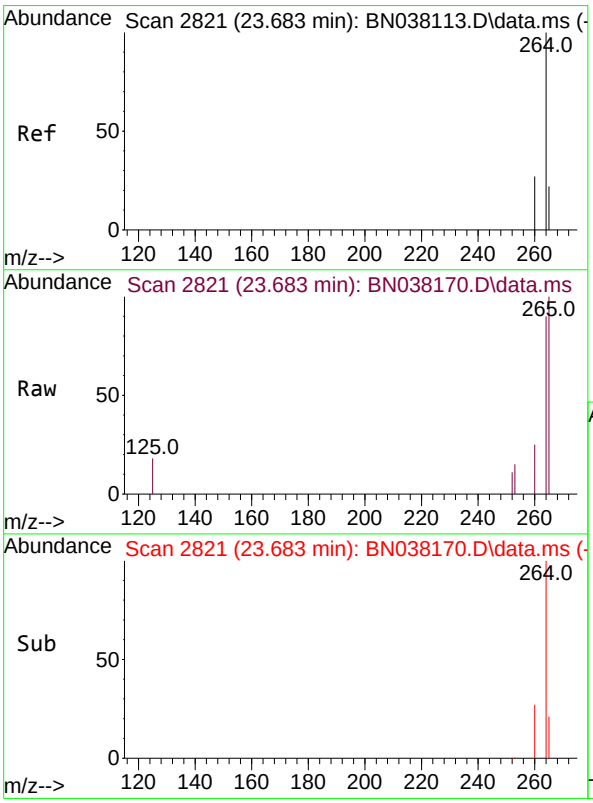
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:149 Resp: 2038

Ion	Ratio	Lower	Upper
149	100		
167	22.3	21.1	31.7
279	3.6	2.9	4.3

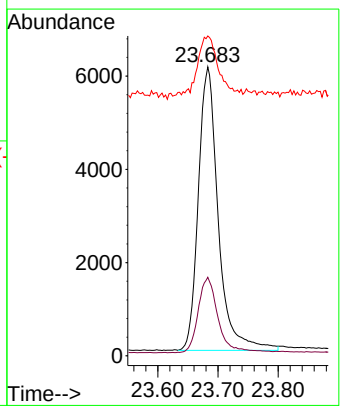




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038170.D
Acq: 08 Nov 2025 01:20

Tgt Ion:264 Resp: 13976

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	110.7	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038151.D
Acq On : 07 Nov 2025 12:04
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11

Quant Time: Nov 07 12:27:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

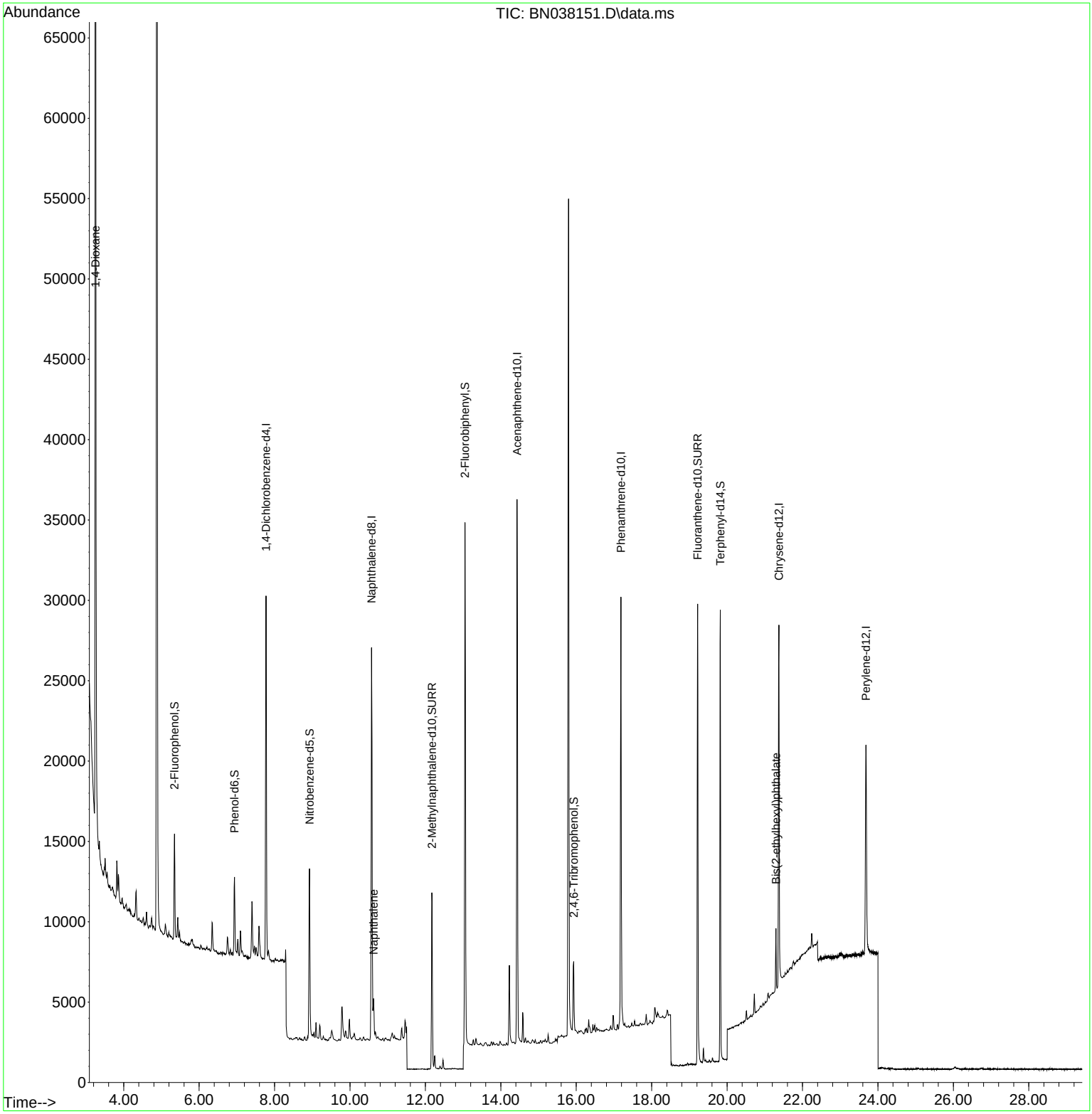
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11126	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33175	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	19180	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	36543	0.400	ng	0.00
29) Chrysene-d12	21.375	240	22615	0.400	ng	0.00
35) Perylene-d12	23.683	264	19271	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5309	0.203	ng	0.00
5) Phenol-d6	6.937	99	4698	0.147	ng	0.00
8) Nitrobenzene-d5	8.929	82	9443	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	15411	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2834	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	28051	0.365	ng	0.00
27) Fluoranthene-d10	19.220	212	32559	0.353	ng	0.00
31) Terphenyl-d14	19.819	244	27148	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	58744	5.110	ng	98
9) Naphthalene	10.626	128	3348	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	3628	0.085	ng	99

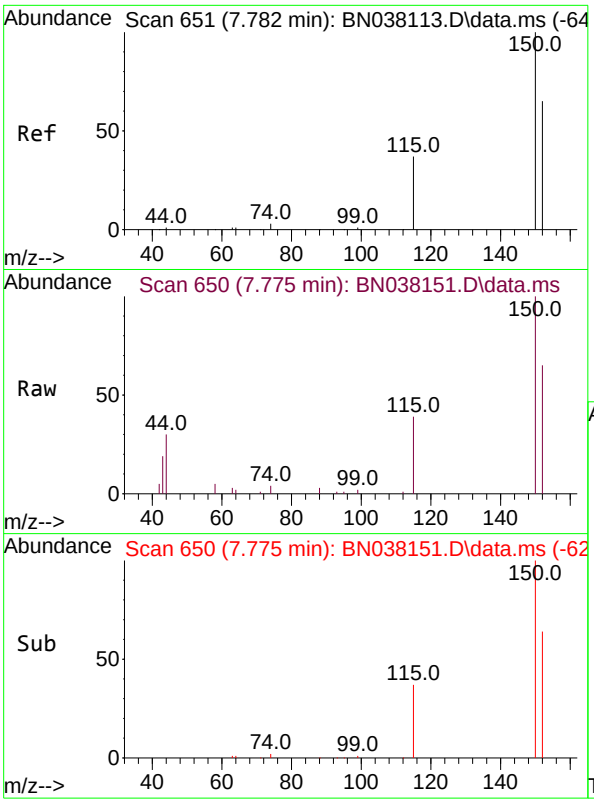
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038151.D
Acq On : 07 Nov 2025 12:04
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11

Quant Time: Nov 07 12:27:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



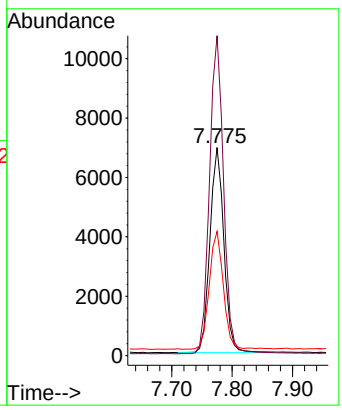


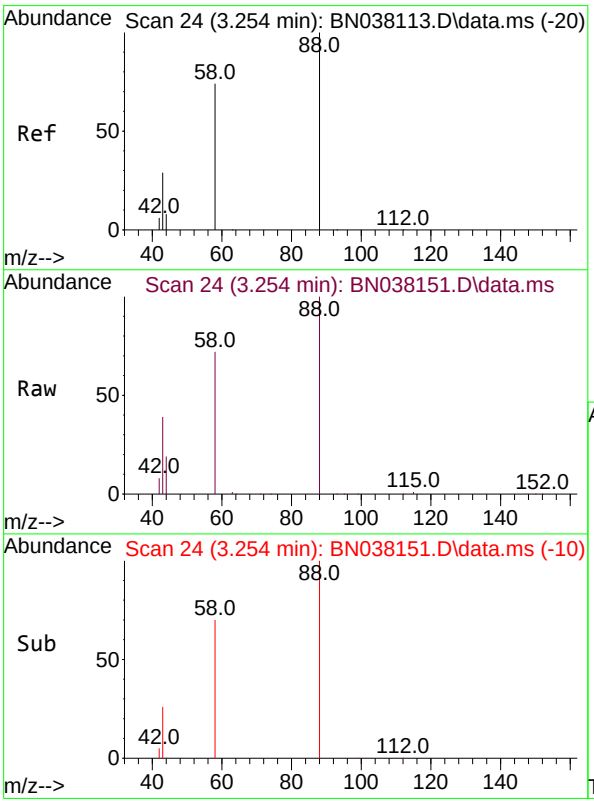
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 11126

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.3	183.5
115	59.7	47.4	71.0

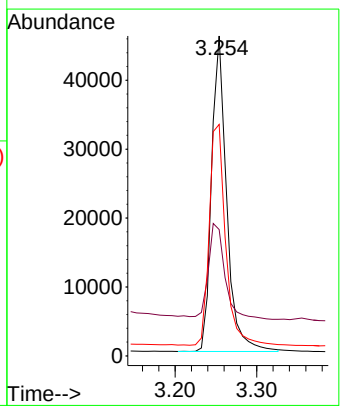


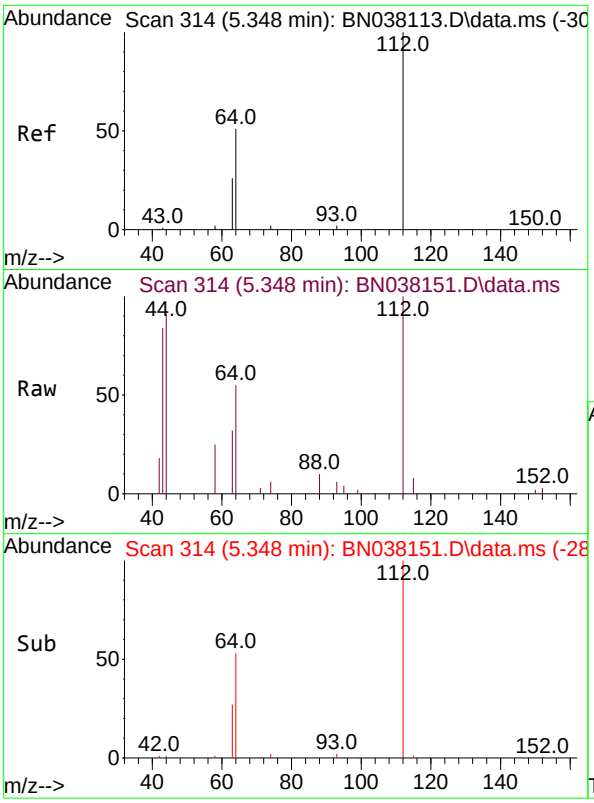


#2
1,4-Dioxane
Concen: 5.110 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 88 Resp: 58744

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.3	36.5
58	75.7	60.4	90.6



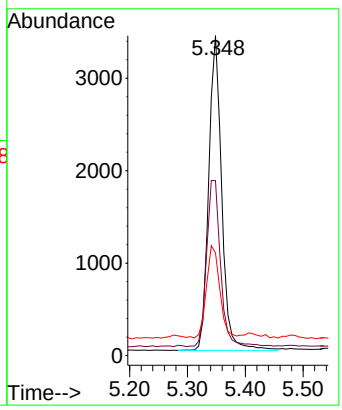


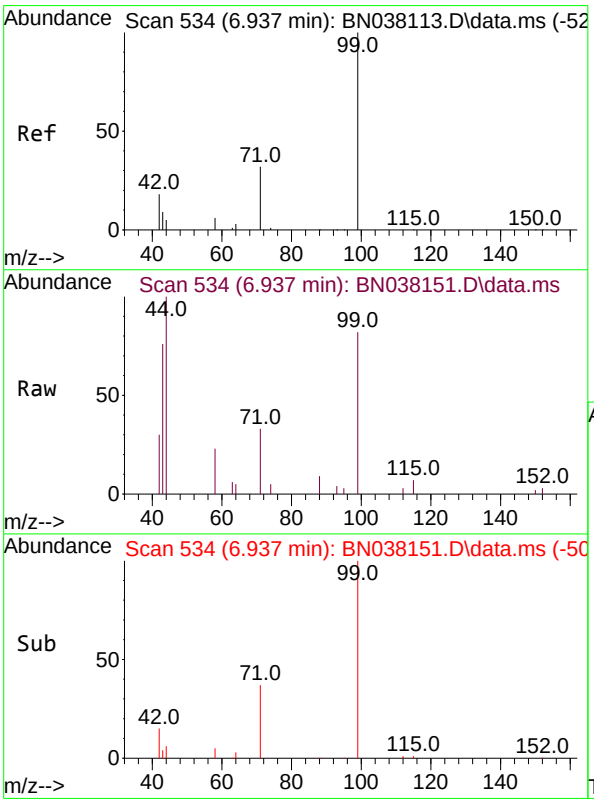
#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:112 Resp: 5309

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.4	68.0
63	30.7	23.2	34.8

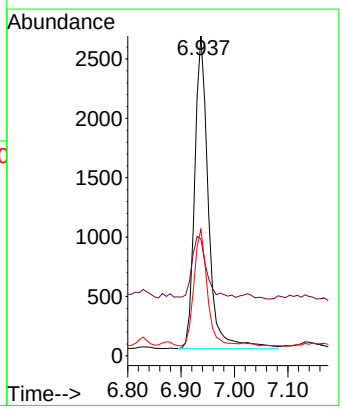


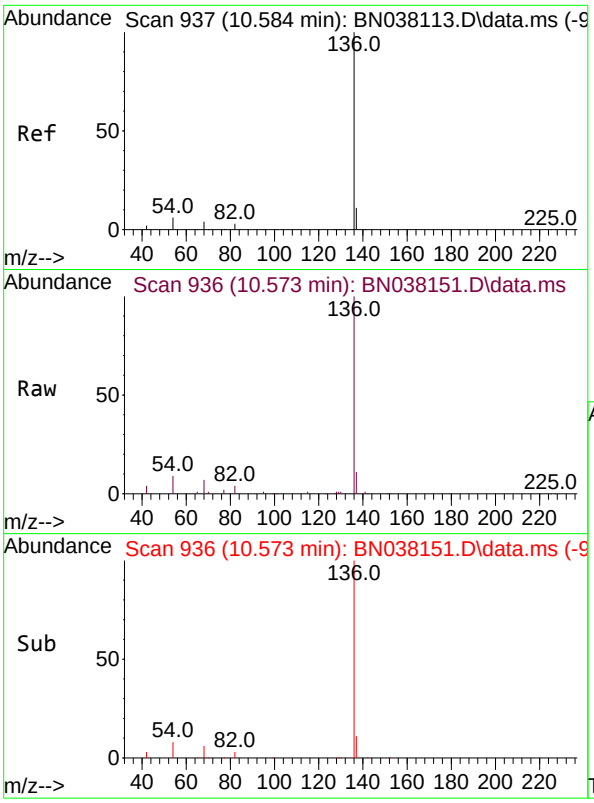


#5
Phenol-d6
Concen: 0.147 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 99 Resp: 4698

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	35.9	25.4	38.2



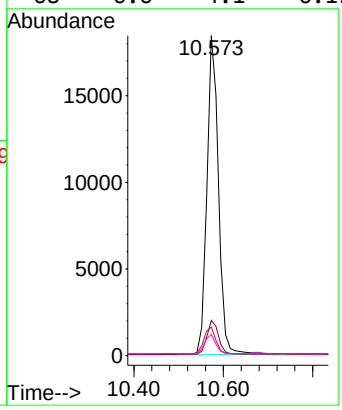


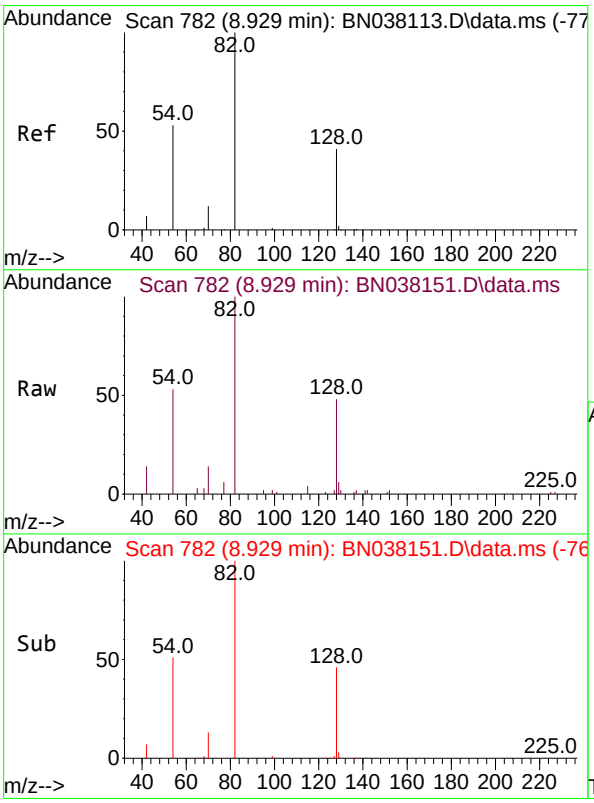
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 33175

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	5.2	7.8#
68	6.6	4.1	6.1#

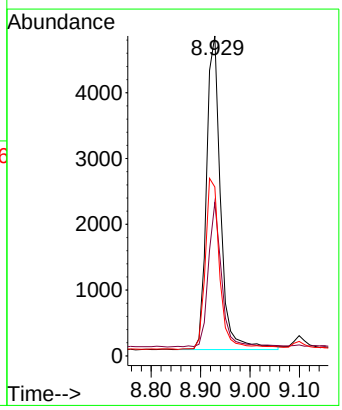


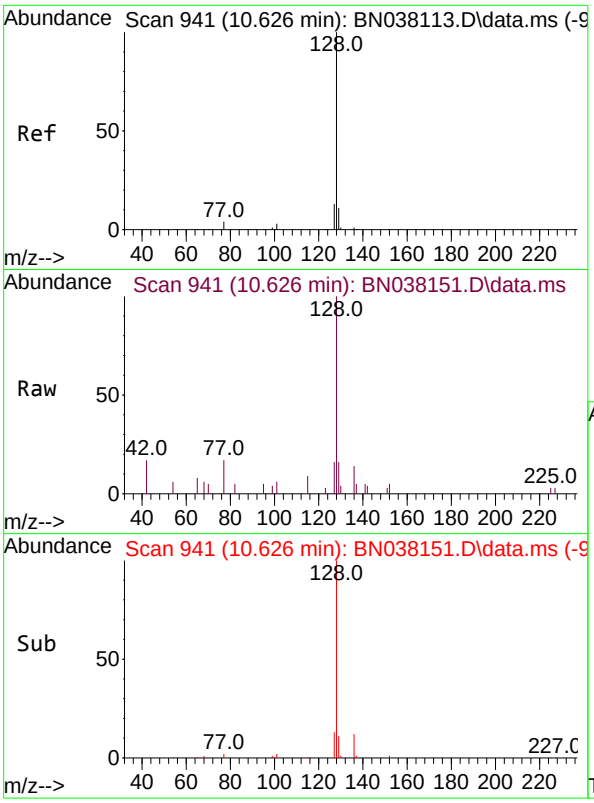


#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 82 Resp: 9443

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.1	51.1
54	52.8	43.5	65.3



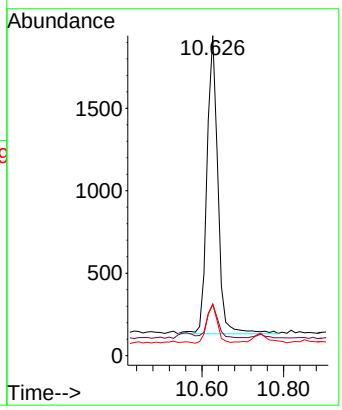


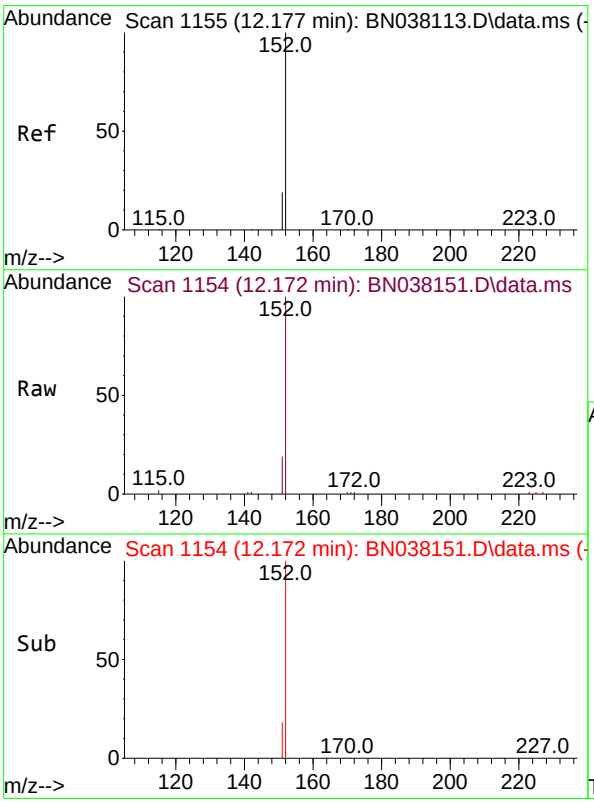
#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:128 Resp: 3348

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.1	13.7#
127	15.9	10.5	15.7#

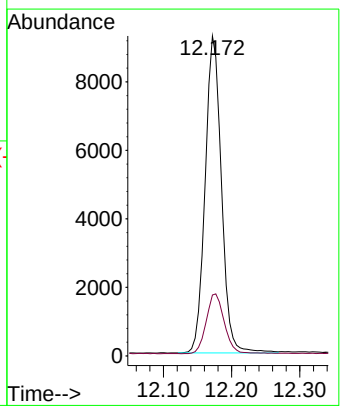


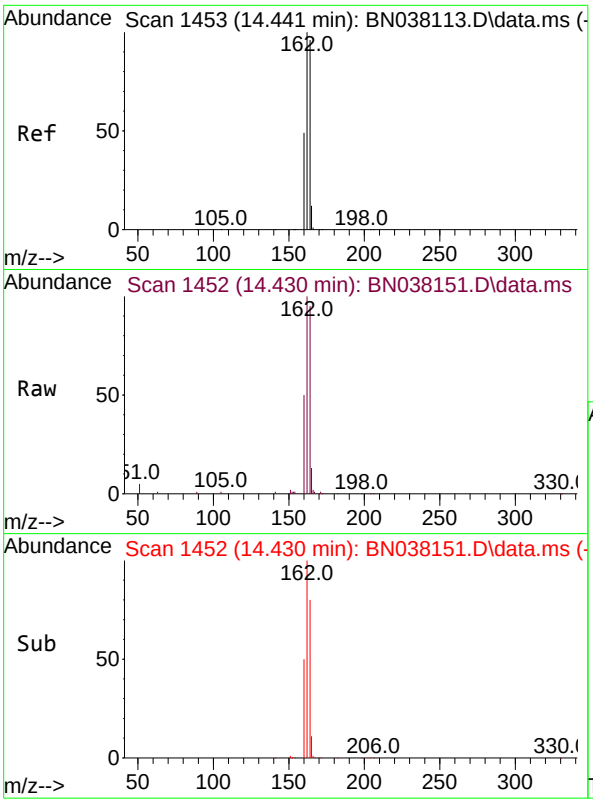


#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:152 Resp: 15411

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2



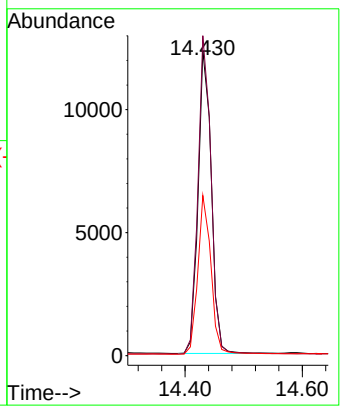


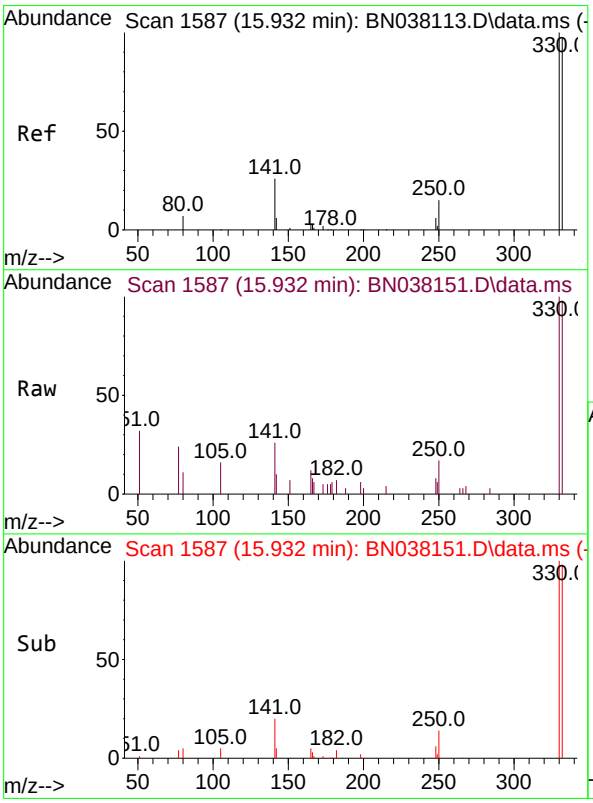
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 19180

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	52.5	40.7	61.1

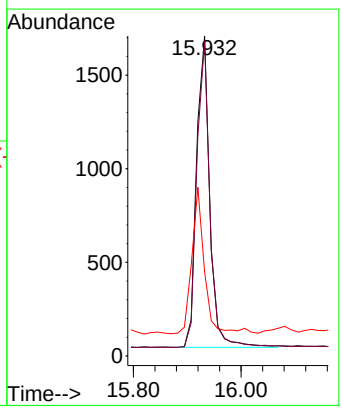


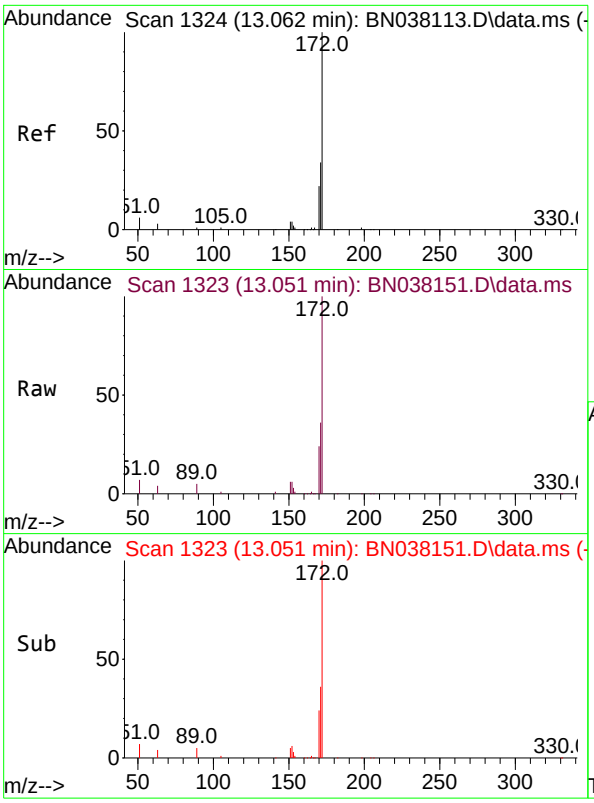


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:330 Resp: 2834

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	43.6	34.1	51.1



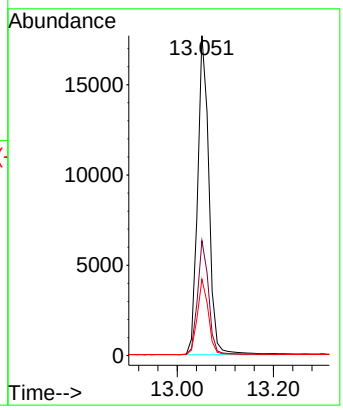


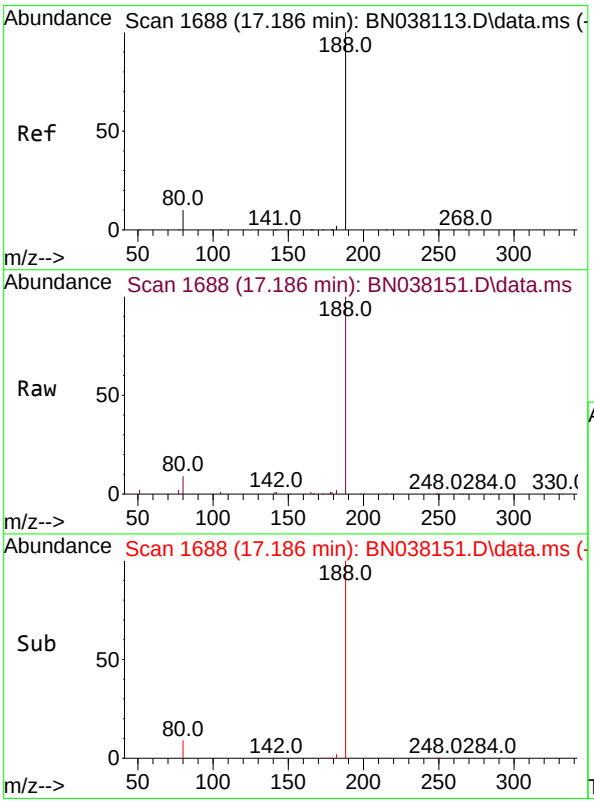
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 28051

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	23.9	18.1	27.1

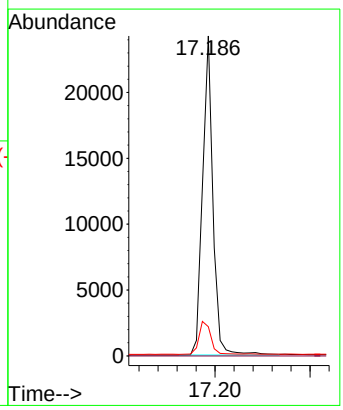


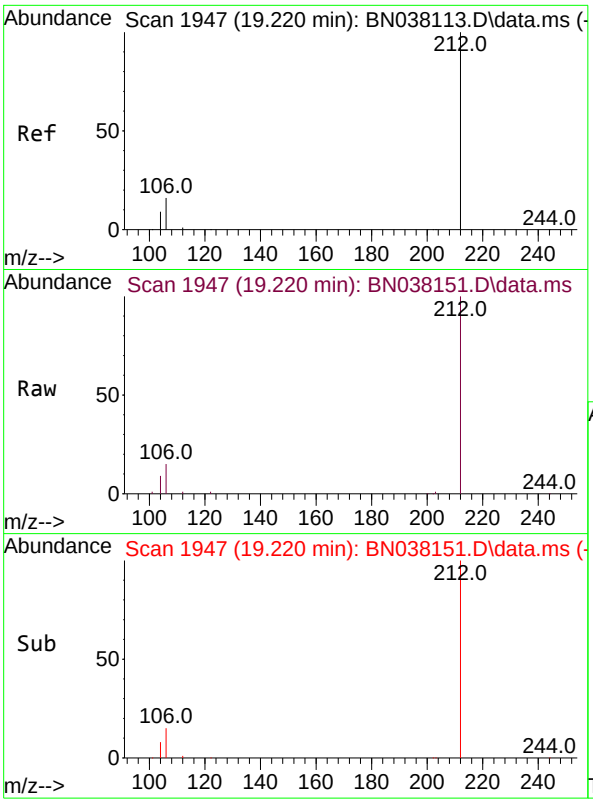


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:188 Resp: 36543

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.6	13.0



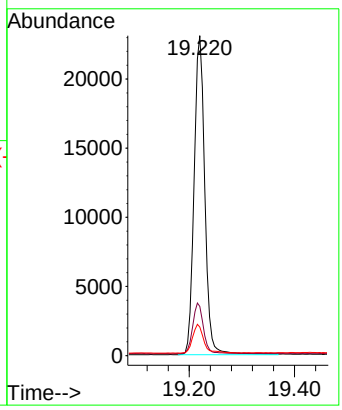


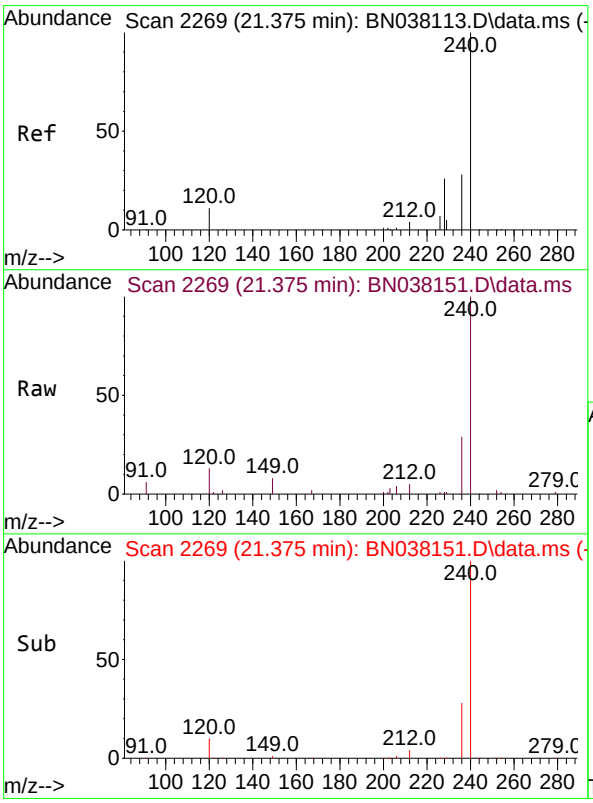
#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.220 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:212 Resp: 32559

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.4	7.1	10.7

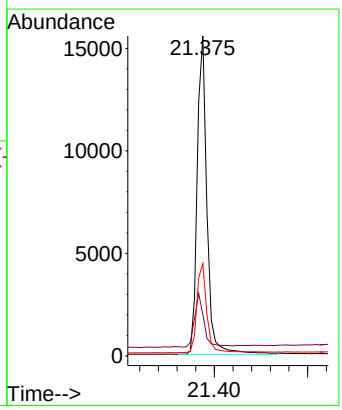


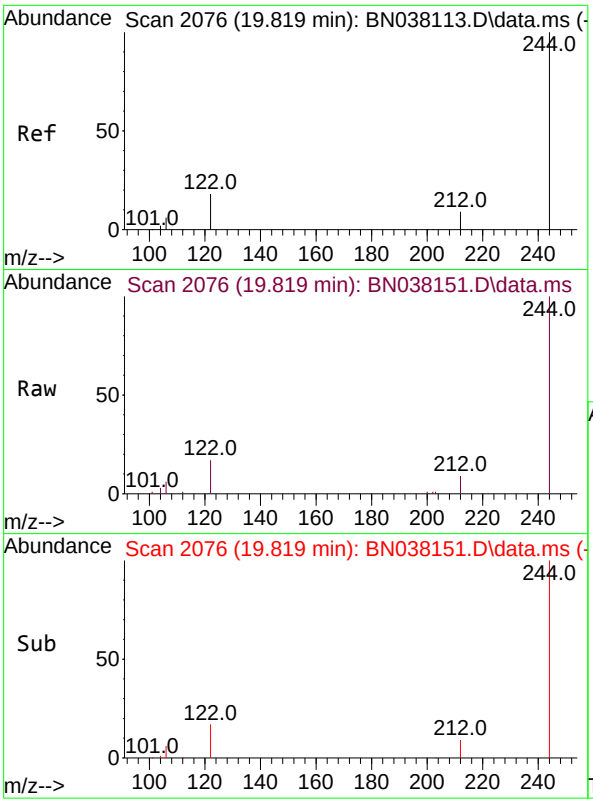


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:240 Resp: 22615

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.7	16.1
236	28.8	23.1	34.7



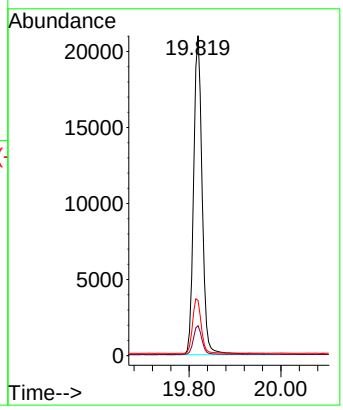


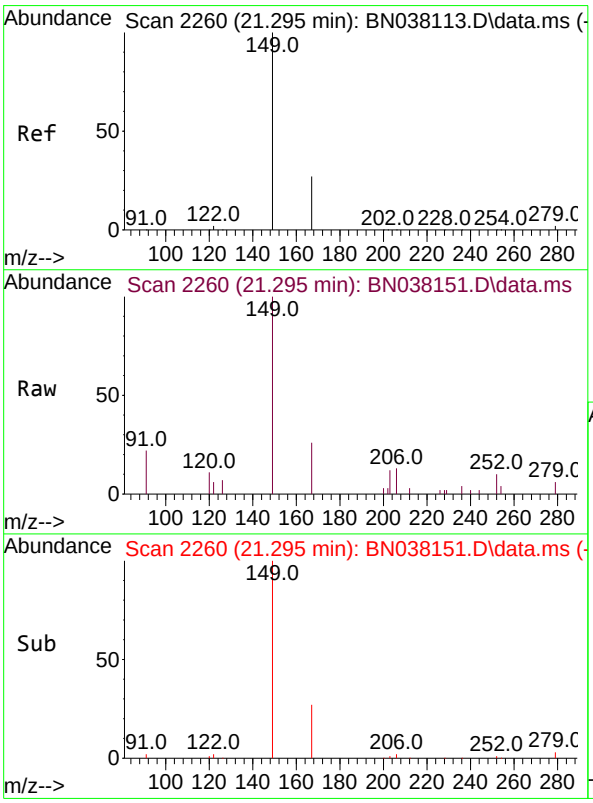
#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 27148

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.2	15.2	22.8

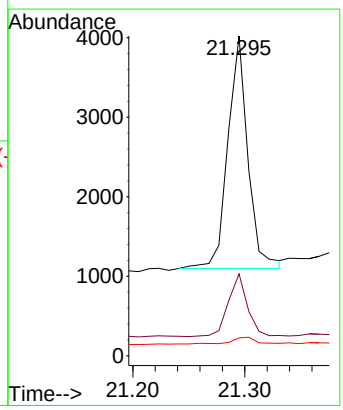


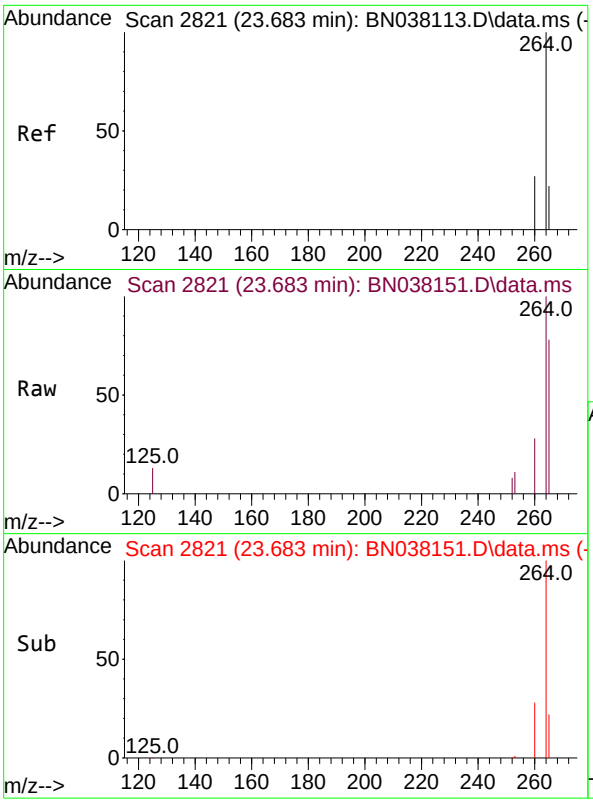


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:149 Resp: 3628

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	3.5	2.9	4.3



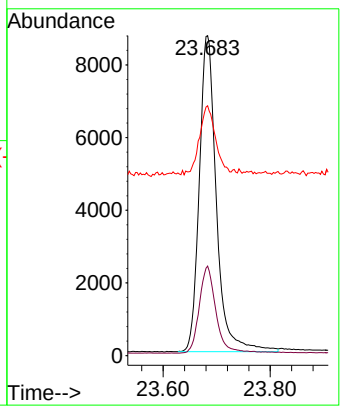


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 19271

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.8	32.8
265	78.1	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038171.D
Acq On : 08 Nov 2025 01:57
Operator : RC/JU
Sample : Q3534-03DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Quant Time: Nov 08 03:29:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

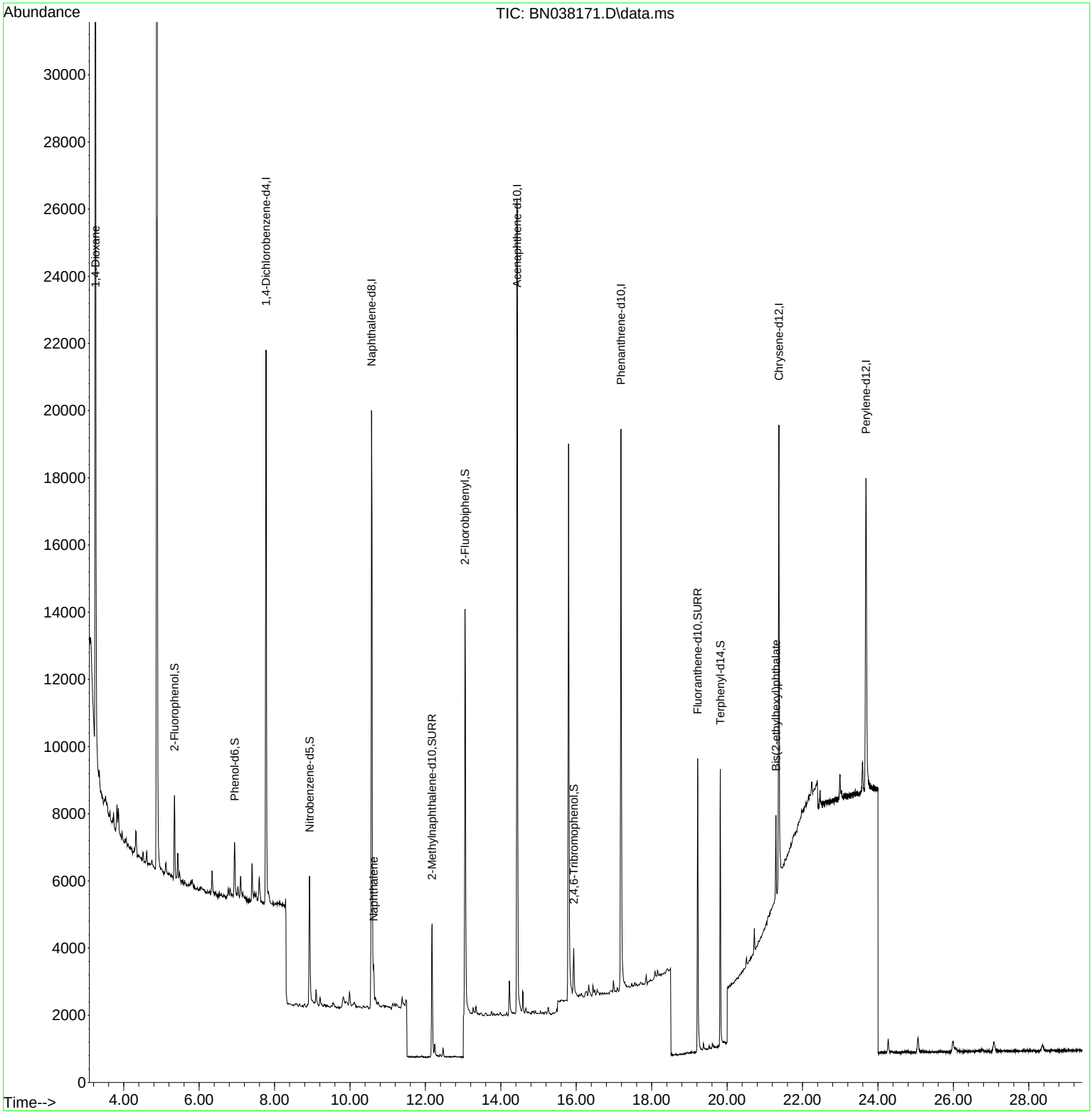
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8387	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25419	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14582	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	24478	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14041	0.400	ng	0.00
35) Perylene-d12	23.683	264	14209	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2074	0.105	ng	0.00
5) Phenol-d6	6.944	99	1824	0.076	ng	0.00
8) Nitrobenzene-d5	8.929	82	3691	0.180	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	6095	0.168	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	895	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	11835	0.203	ng	0.00
27) Fluoranthene-d10	19.220	212	10115	0.164	ng	0.00
31) Terphenyl-d14	19.819	244	8217	0.269	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	23816	2.748	ng	98
9) Naphthalene	10.626	128	1438	0.021	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.295	149	2343	0.089	ng	# 95

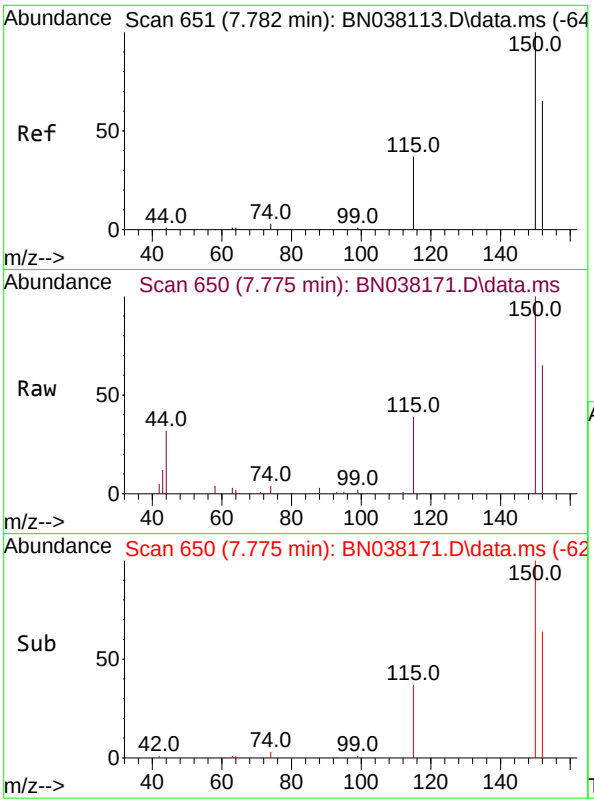
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038171.D
Acq On : 08 Nov 2025 01:57
Operator : RC/JU
Sample : Q3534-03DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Quant Time: Nov 08 03:29:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



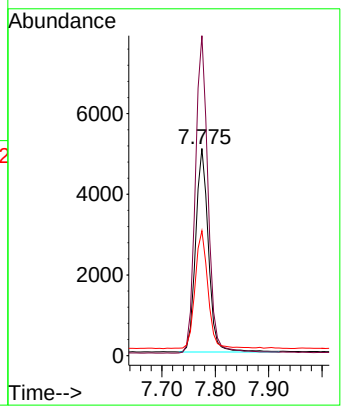


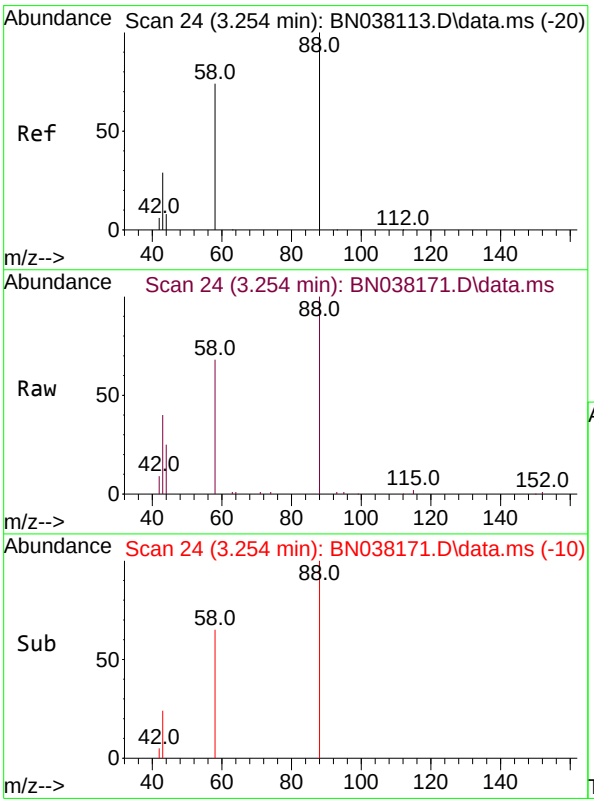
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:152 Resp: 8387

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.3	183.5
115	60.3	47.4	71.0

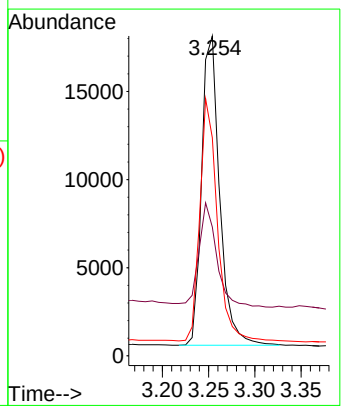


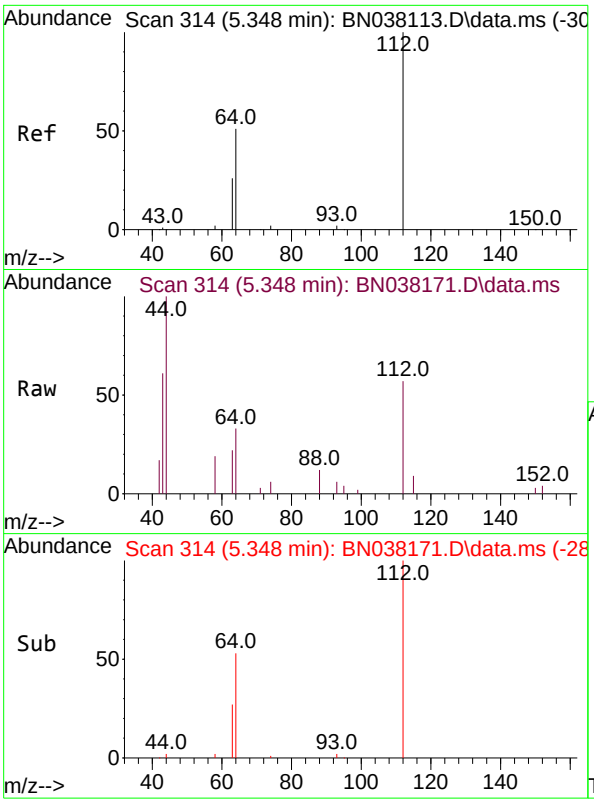


#2
1,4-Dioxane
Concen: 2.748 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 88 Resp: 23816

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.3	36.5
58	75.4	60.4	90.6



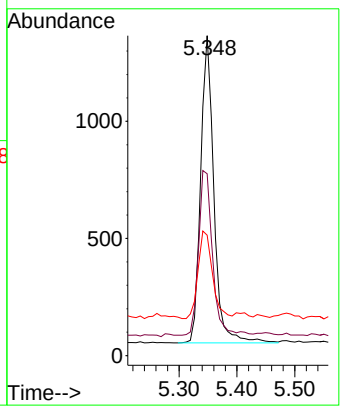


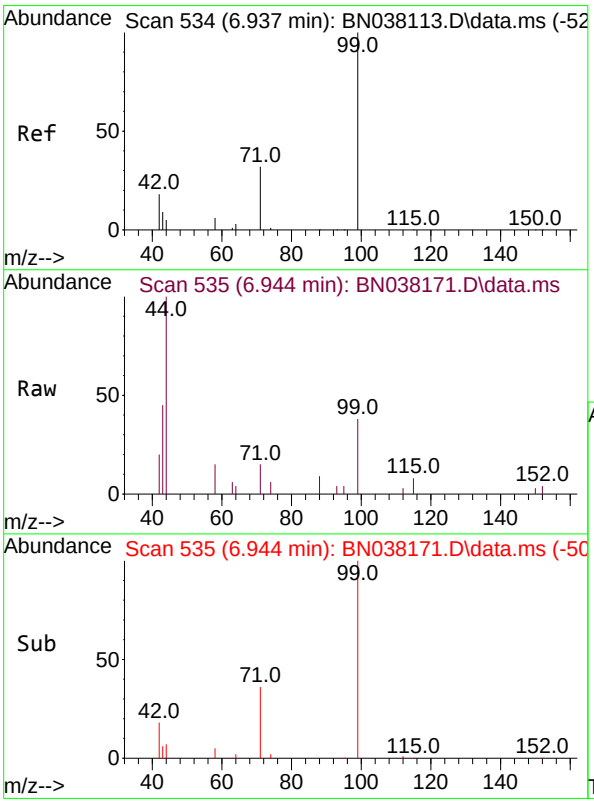
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:112 Resp: 2074

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.0
63	31.2	23.2	34.8

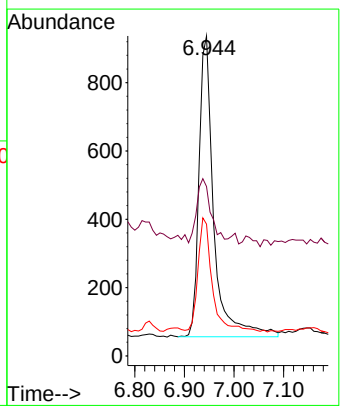


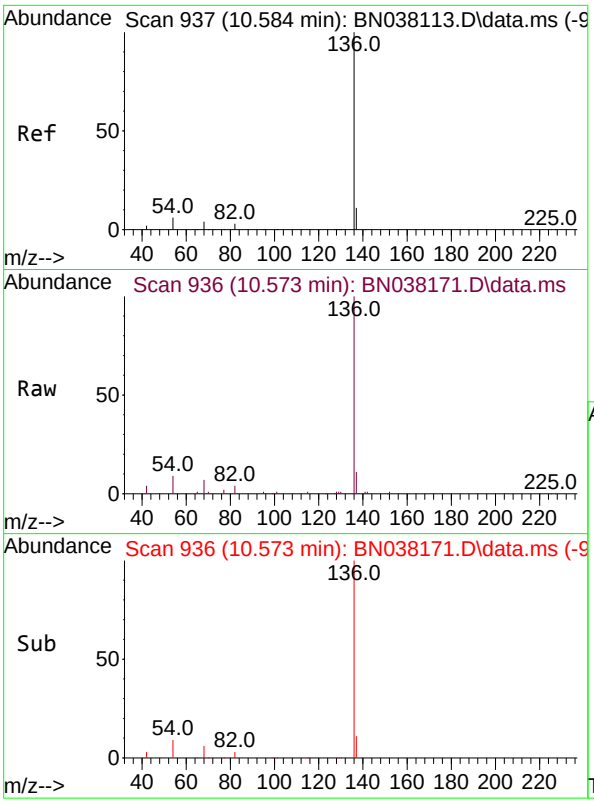


#5
Phenol-d6
Concen: 0.076 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 99 Resp: 1824

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	37.1	25.4	38.2



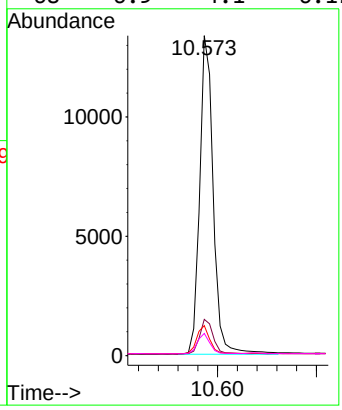


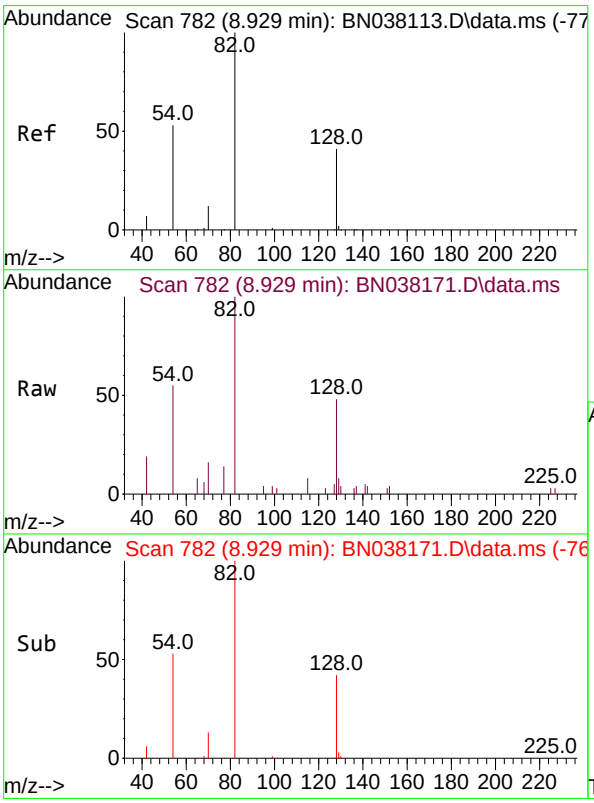
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:136 Resp: 25419

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	5.2	7.8#
68	6.9	4.1	6.1#

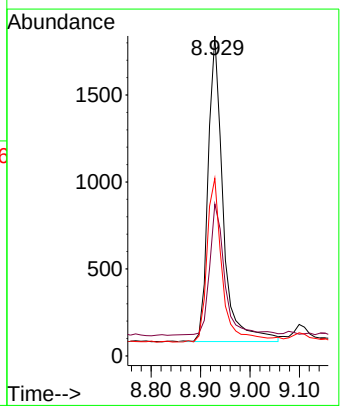


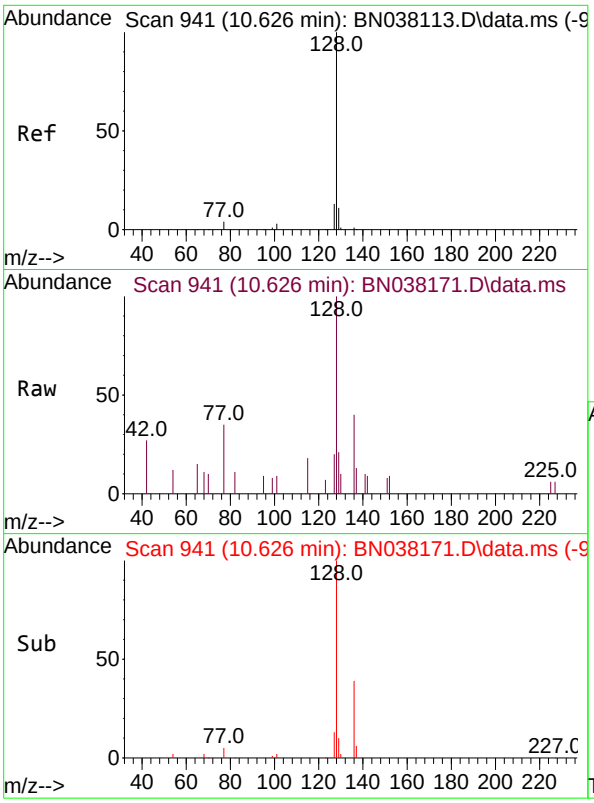


#8
Nitrobenzene-d5
Concen: 0.180 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 82 Resp: 3691

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.1	51.1
54	55.5	43.5	65.3



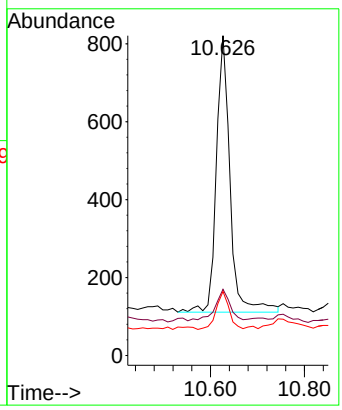


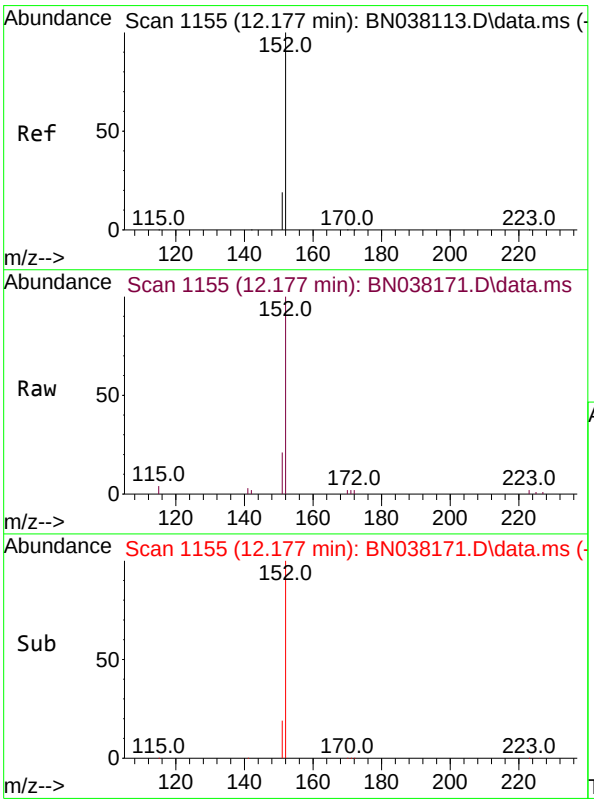
#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:128 Resp: 1438

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.1	13.7#
127	20.0	10.5	15.7#

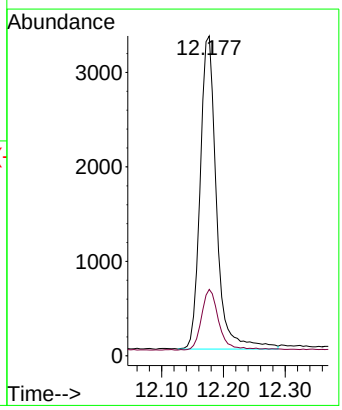


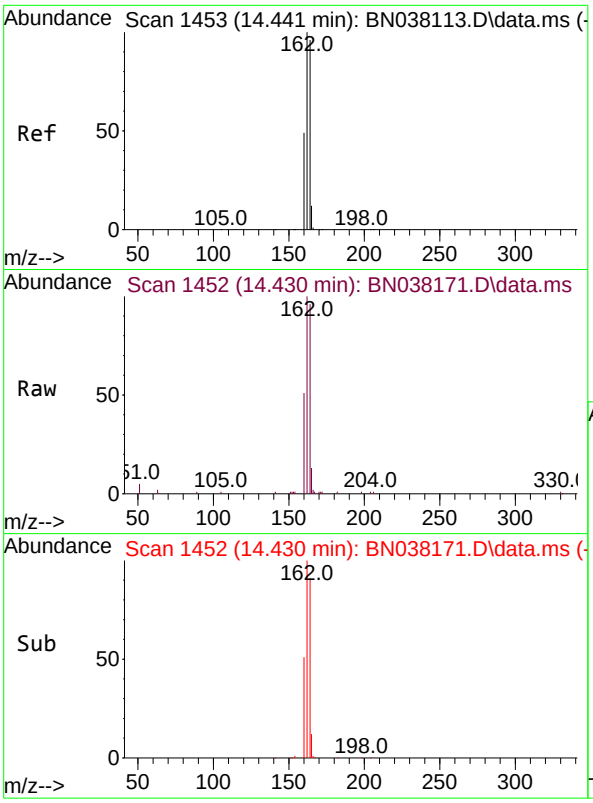


#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:152 Resp: 6095

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2



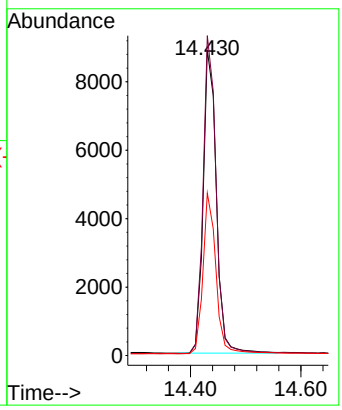


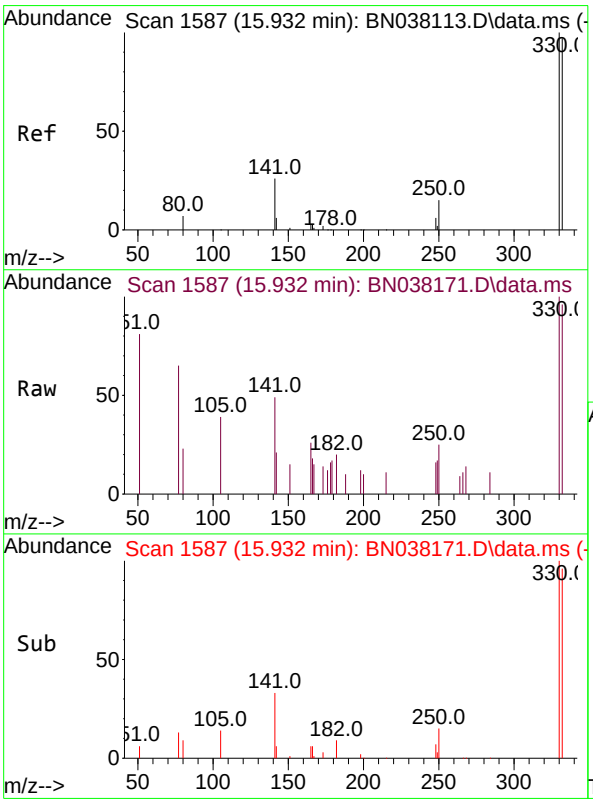
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:164 Resp: 14582

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	53.2	40.7	61.1

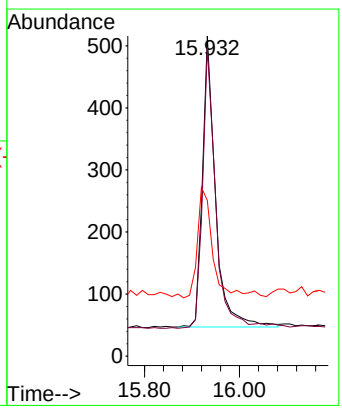


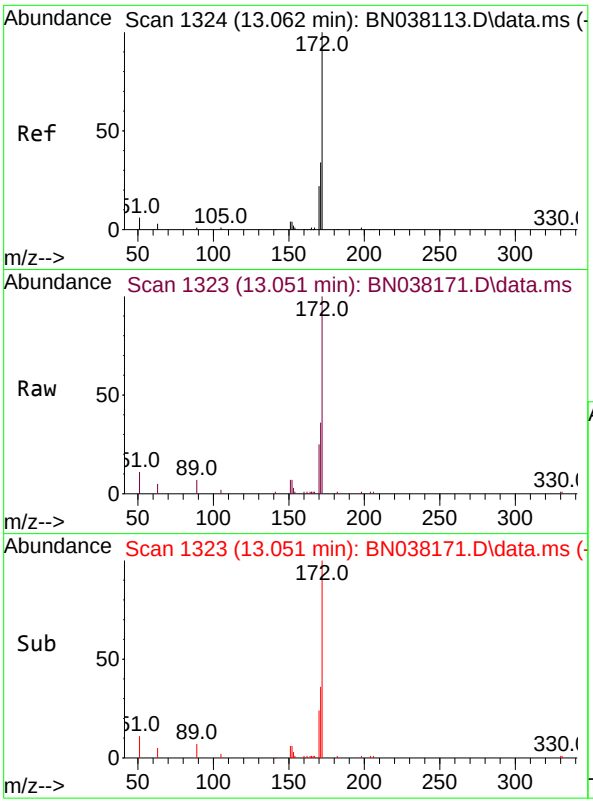


#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:330 Resp: 895

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	44.8	34.1	51.1



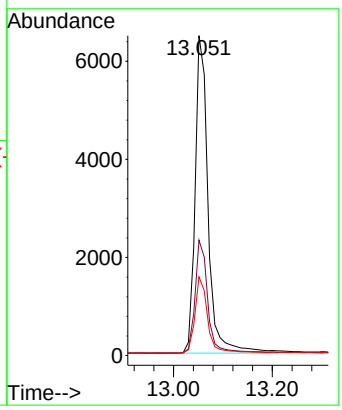


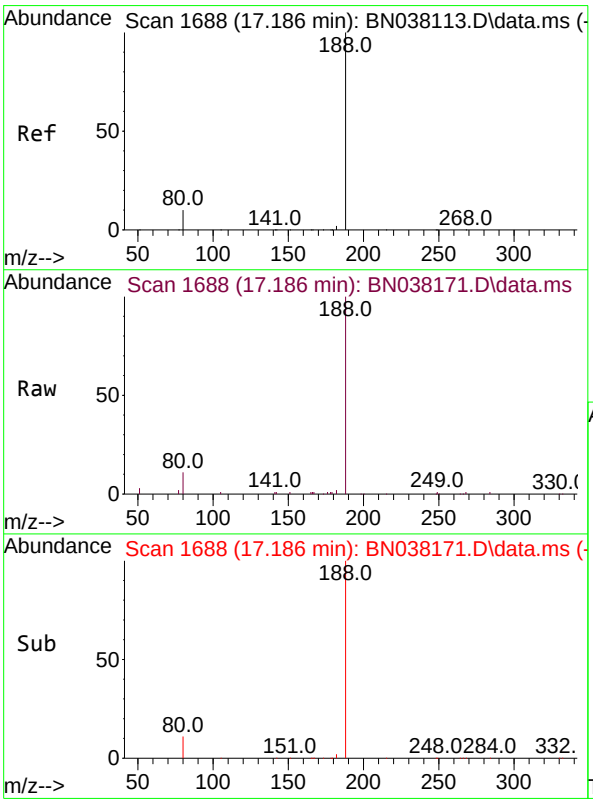
#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:172 Resp: 11835

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	24.6	18.1	27.1

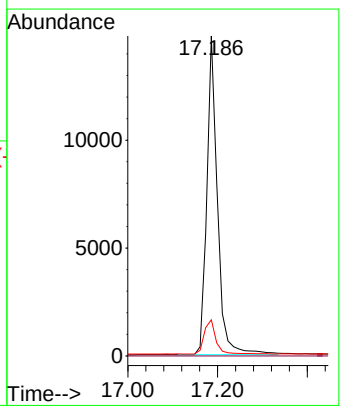


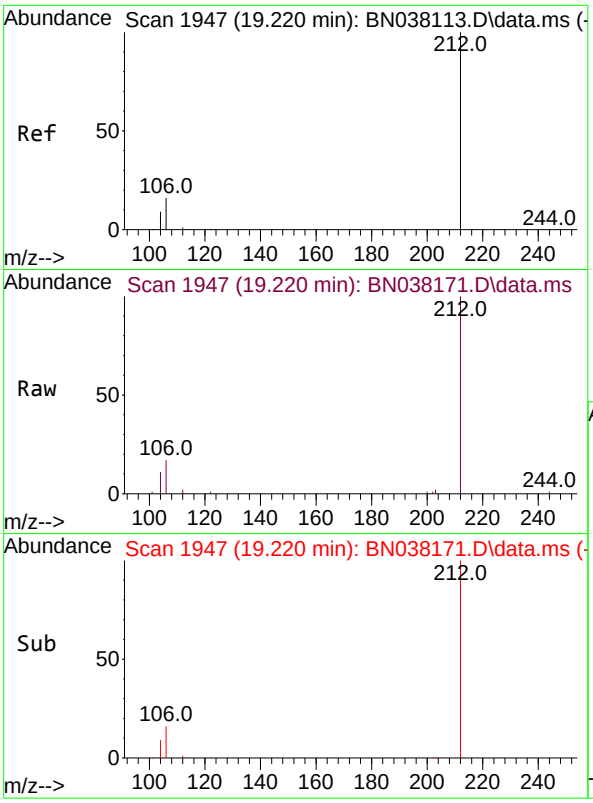


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:188 Resp: 24478

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	8.6	13.0



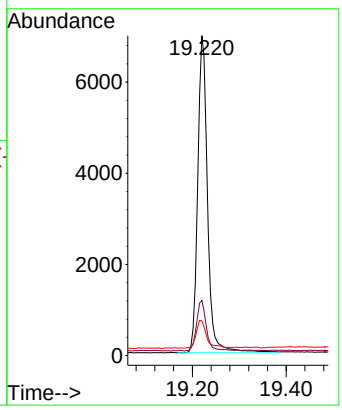


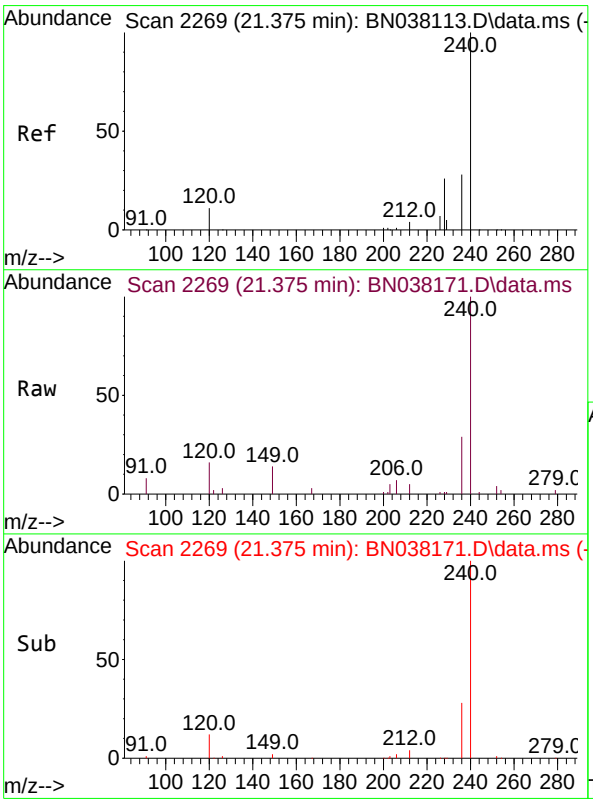
#27
Fluoranthene-d10
Concen: 0.164 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:212 Resp: 10115

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.3	7.1	10.7

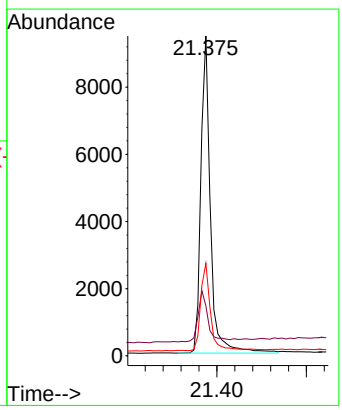


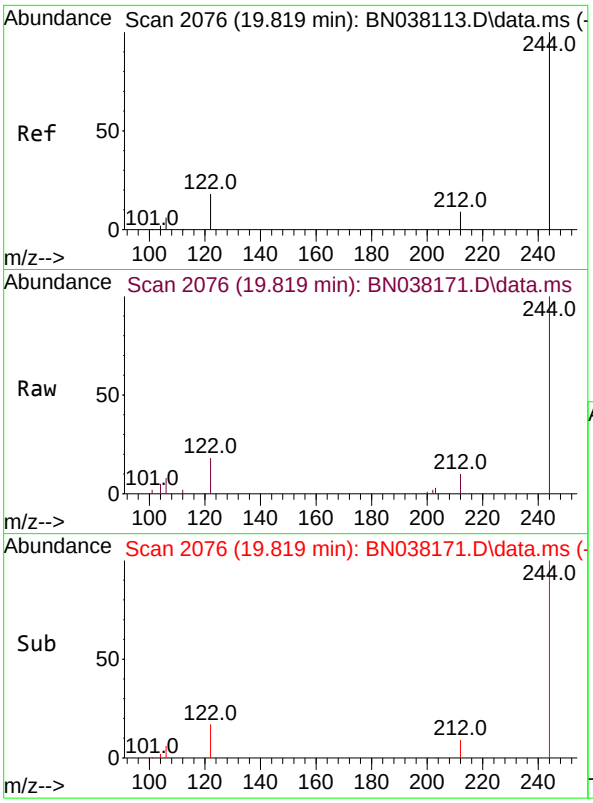


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:240 Resp: 14041

Ion	Ratio	Lower	Upper
240	100		
120	15.6	10.7	16.1
236	28.9	23.1	34.7



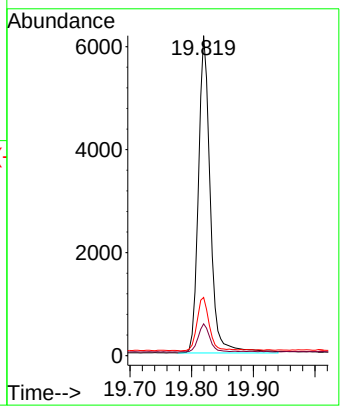


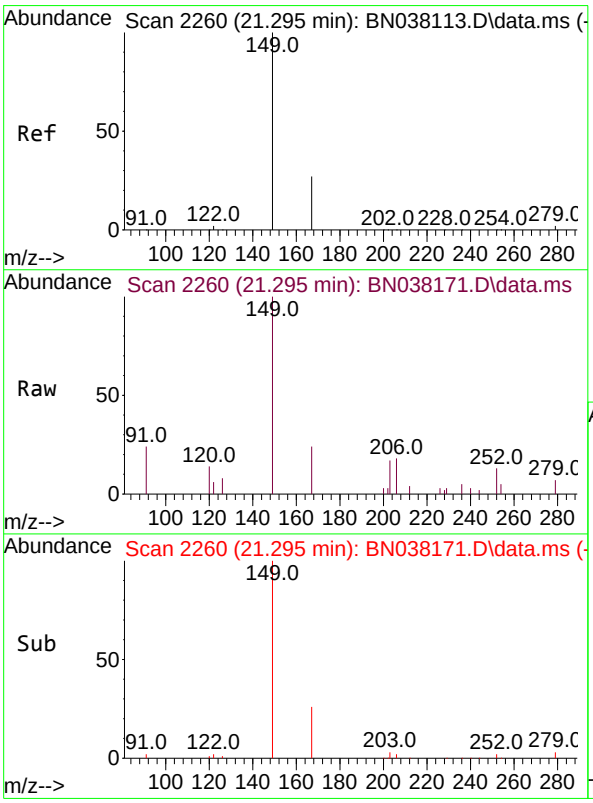
#31
Terphenyl-d14
Concen: 0.269 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:244 Resp: 8217

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	18.2	15.2	22.8

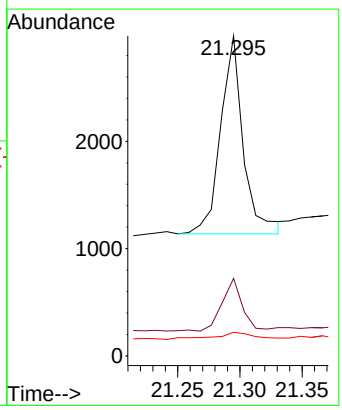


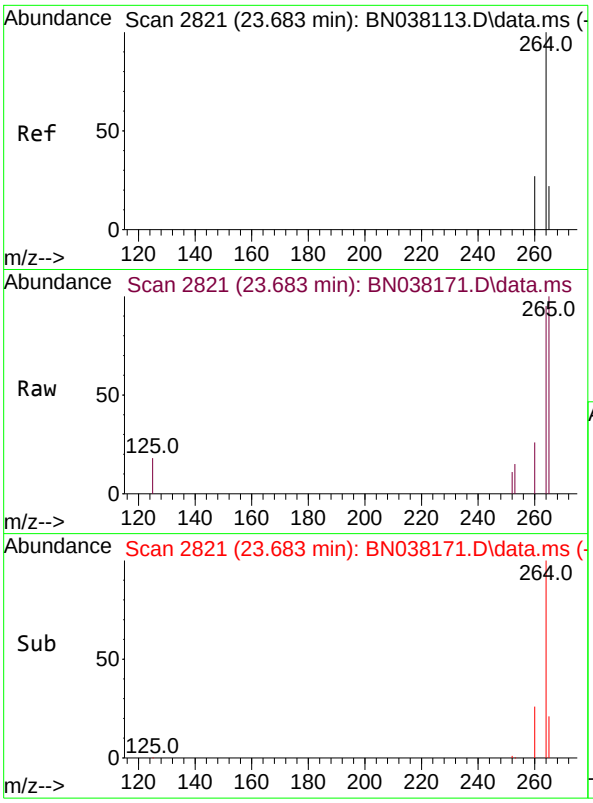


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:149 Resp: 2343

Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.1	31.7
279	6.2	2.9	4.3#



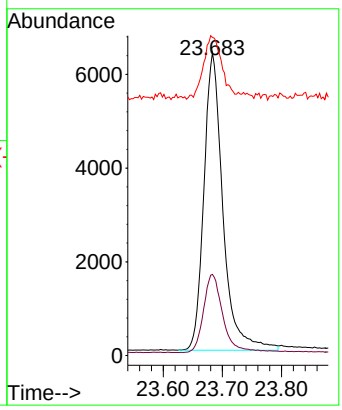


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 28
Delta R.T. 0.003 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Instrument :
BNA_N
ClientSampleId :
MW-11DL

Tgt Ion:264 Resp: 14209

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	105.0	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038157.D
Acq On : 07 Nov 2025 16:46
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-5

Quant Time: Nov 07 17:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

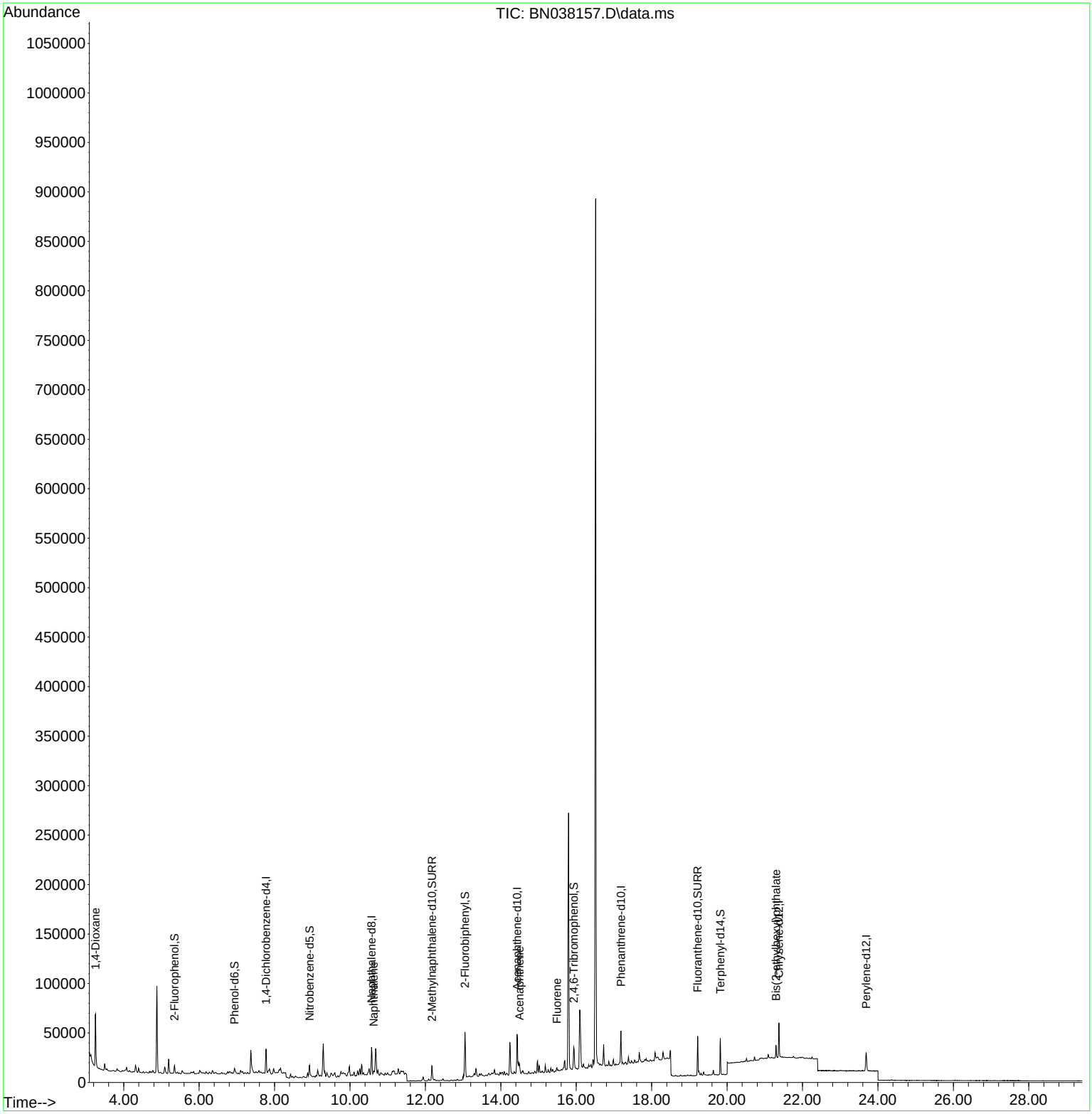
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11219	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	37220	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24015	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	44332	0.400	ng	0.00
29) Chrysene-d12	21.375	240	29531	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5831	0.221	ng	0.00
5) Phenol-d6	6.937	99	4653	0.145	ng	0.00
8) Nitrobenzene-d5	8.929	82	11062	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	18993	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4812	0.486	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	34356	0.357	ng	0.00
27) Fluoranthene-d10	19.220	212	42091	0.377	ng	0.00
31) Terphenyl-d14	19.819	244	34611	0.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	36486	3.148	ng	98
9) Naphthalene	10.626	128	4483	0.044	ng	# 81
17) Acenaphthene	14.495	154	4765	0.063	ng	96
18) Fluorene	15.489	166	2498	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	12122	0.218	ng	98

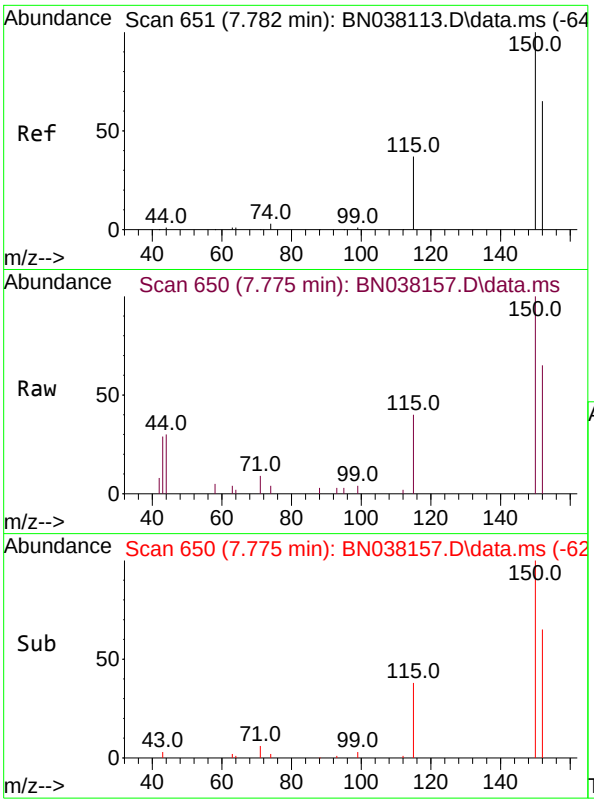
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038157.D
Acq On : 07 Nov 2025 16:46
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-5

Quant Time: Nov 07 17:16:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



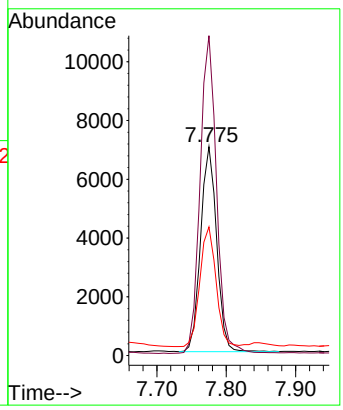


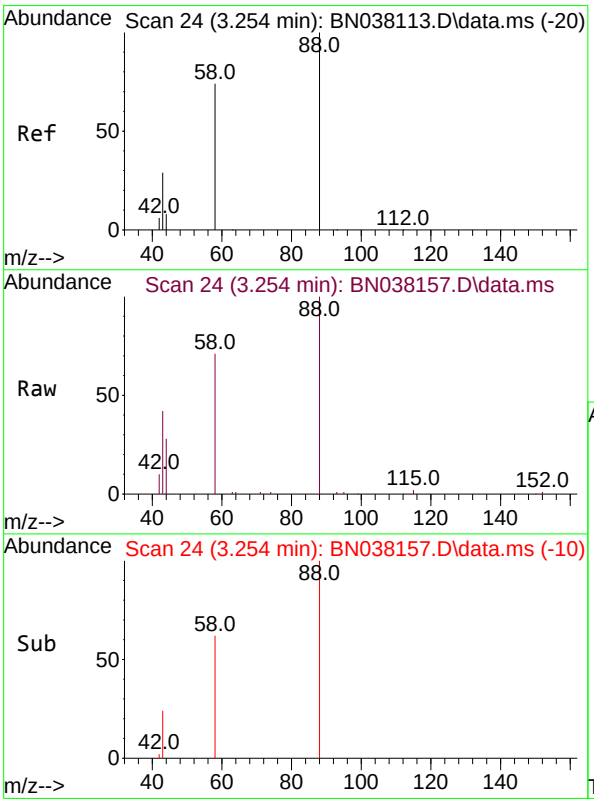
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 11219

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.3	183.5
115	61.6	47.4	71.0

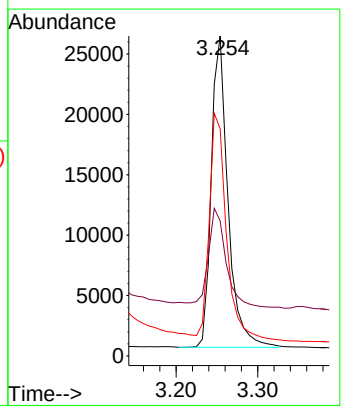


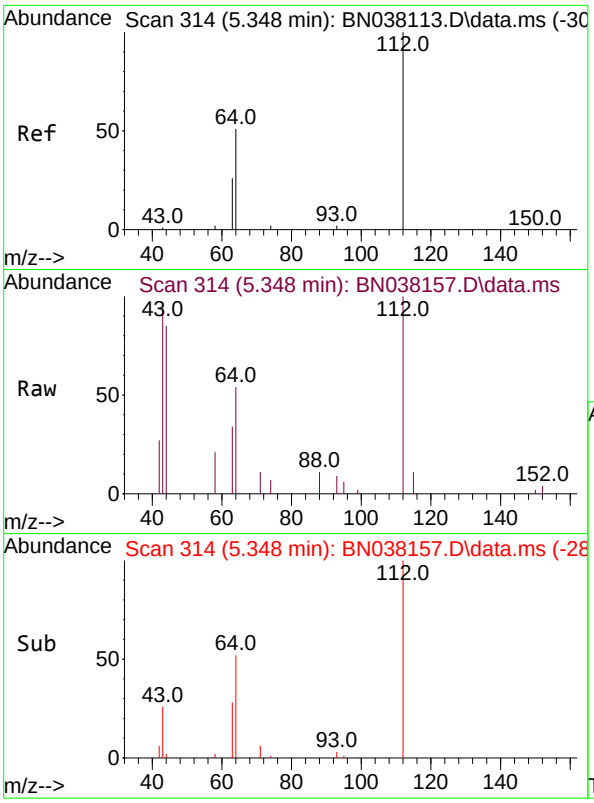


#2
1,4-Dioxane
Concen: 3.148 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 88 Resp: 36486

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.3	36.5
58	75.1	60.4	90.6



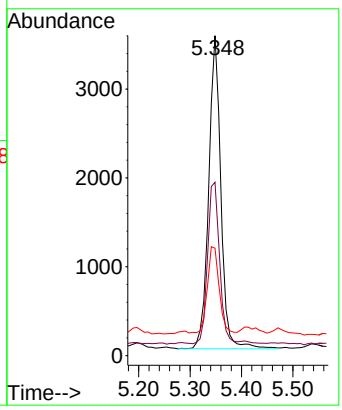


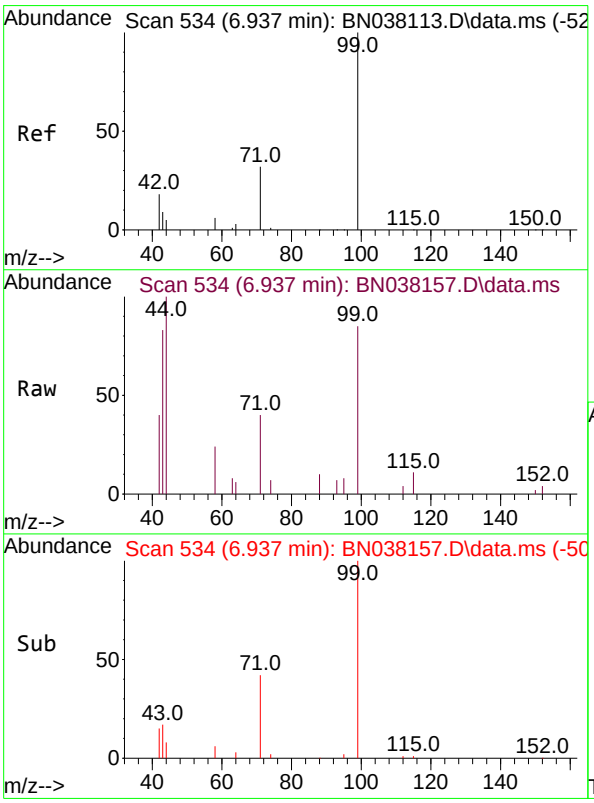
#4
2-Fluorophenol
Concen: 0.221 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:112 Resp: 5831

Ion	Ratio	Lower	Upper
112	100		
64	50.1	45.4	68.0
63	27.4	23.2	34.8

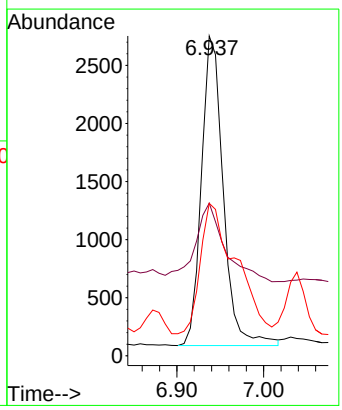


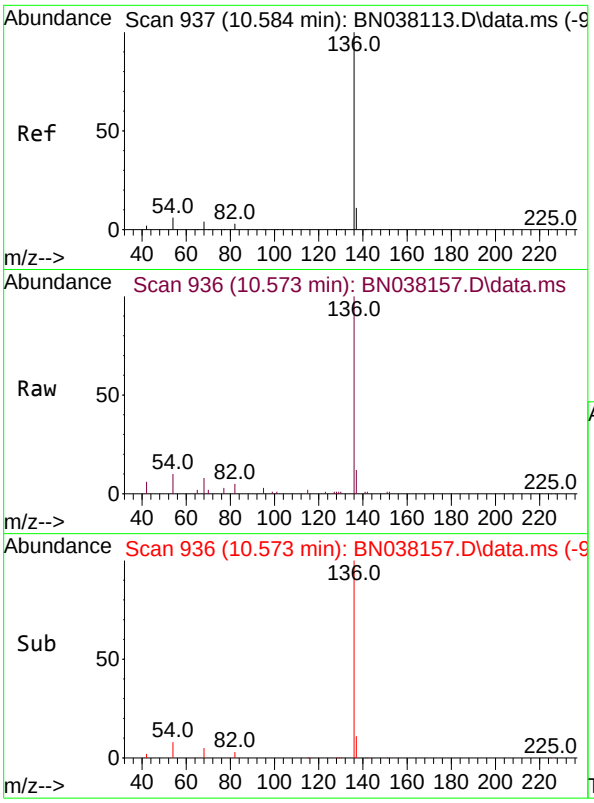


#5
Phenol-d6
Concen: 0.145 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 99 Resp: 4653

Ion	Ratio	Lower	Upper
99	100		
42	34.8	16.6	24.8#
71	70.5	25.4	38.2#



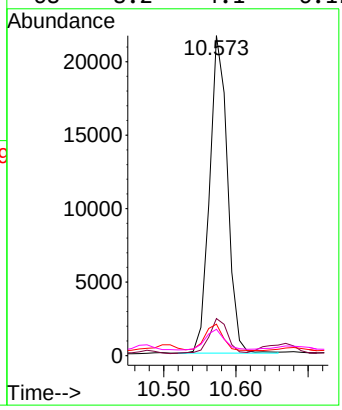


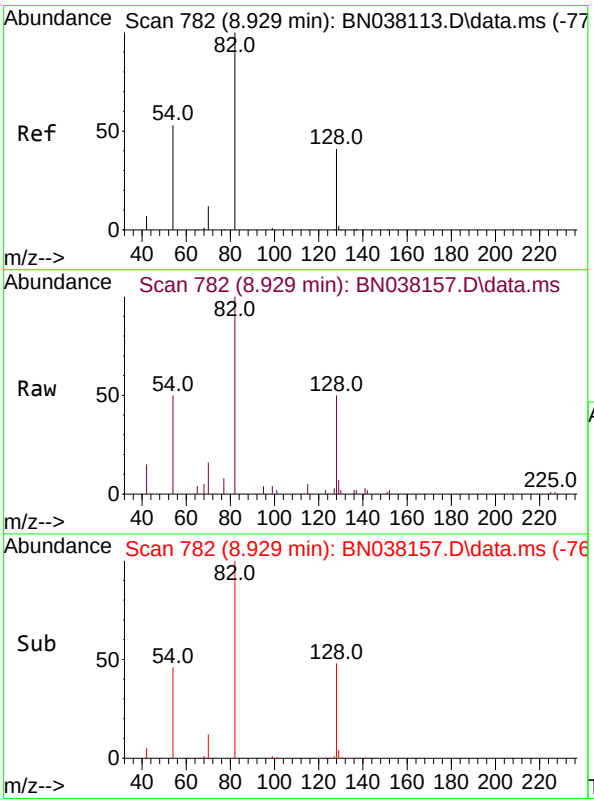
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 37220

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.8	5.2	7.8#
68	8.2	4.1	6.1#

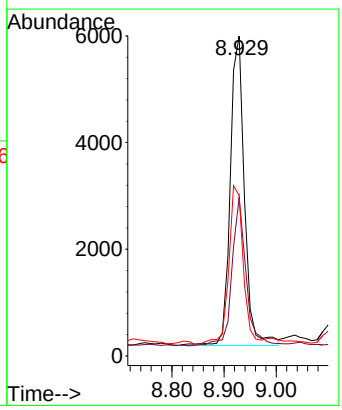


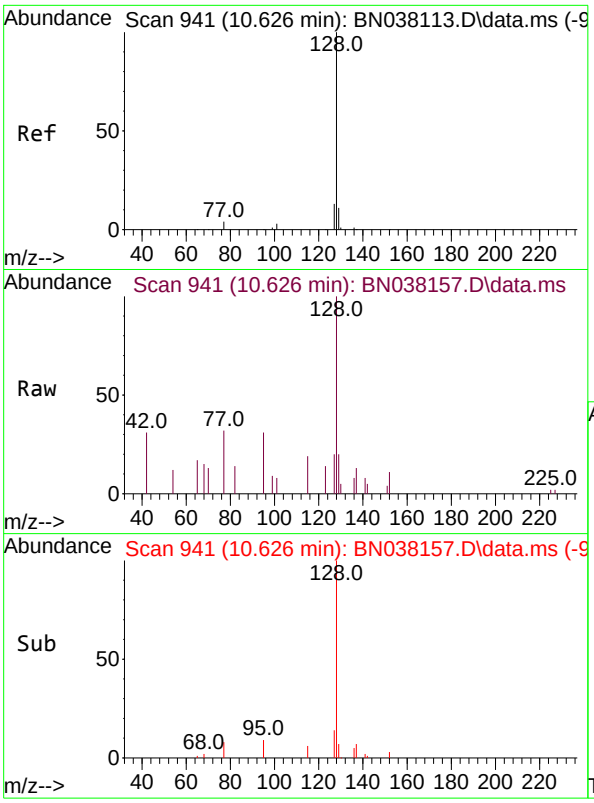


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion: 82 Resp: 11062

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.1	51.1
54	50.1	43.5	65.3



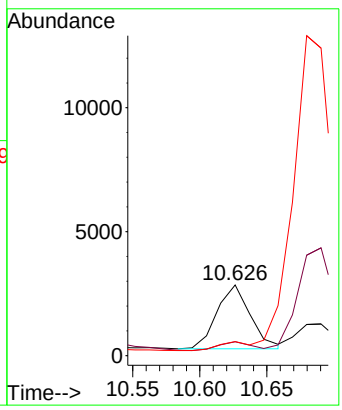


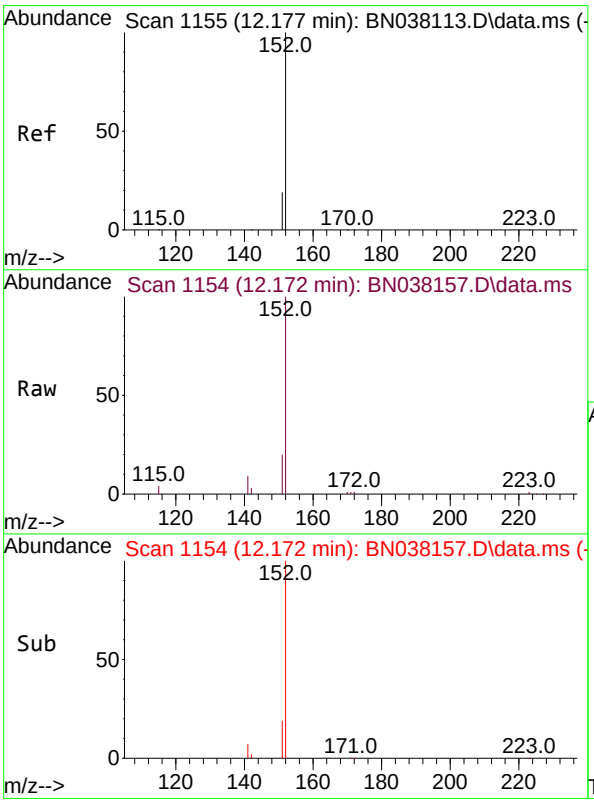
#9
Naphthalene
Concen: 0.044 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:128 Resp: 4483

Ion	Ratio	Lower	Upper
128	100		
129	19.7	9.1	13.7#
127	19.8	10.5	15.7#

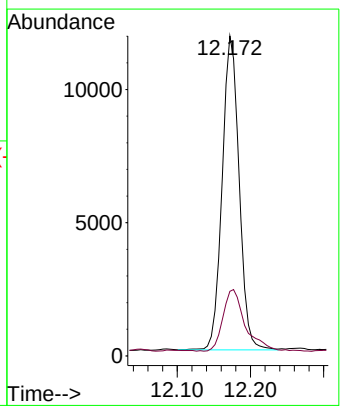


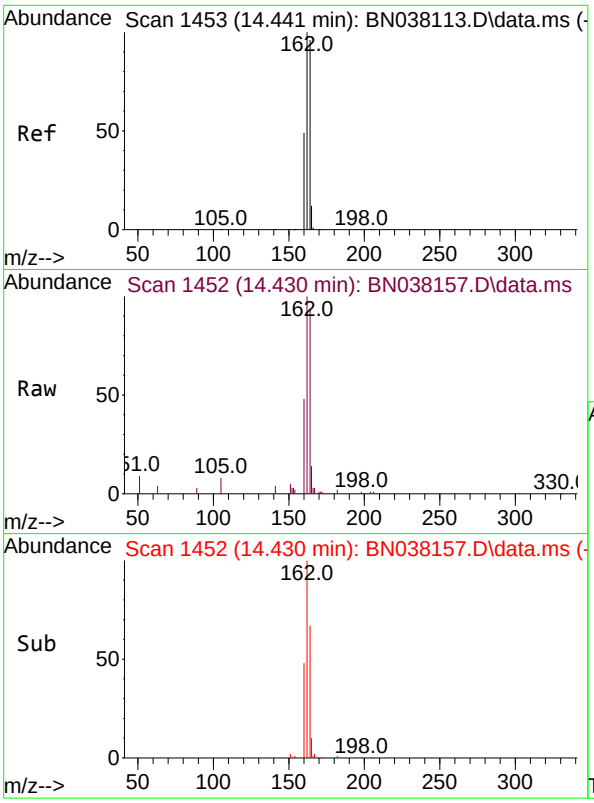


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:152 Resp: 18993

Ion	Ratio	Lower	Upper
152	100		
151	26.2	16.8	25.2#



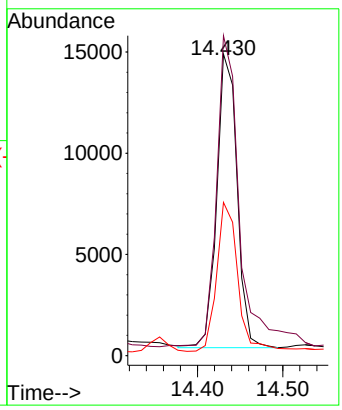


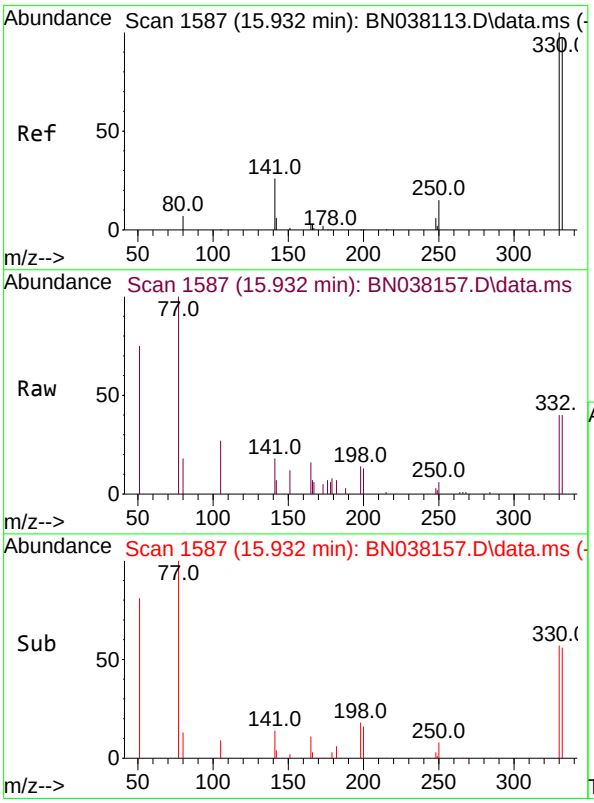
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:164 Resp: 24015

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.4
160	50.8	40.7	61.1

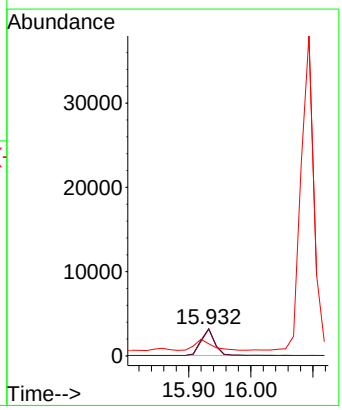


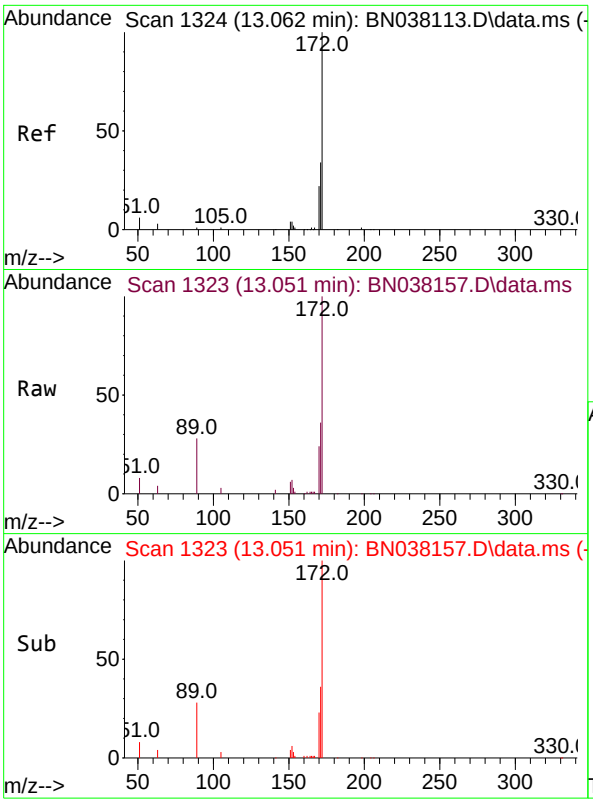


#14
2,4,6-Tribromophenol
Concen: 0.486 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:330 Resp: 4812

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	50.5	34.1	51.1



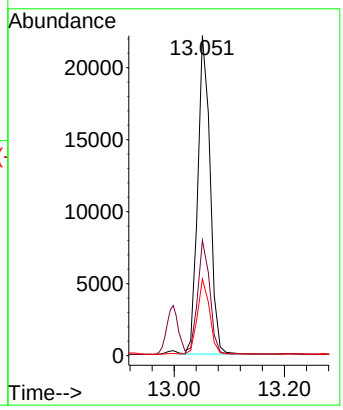


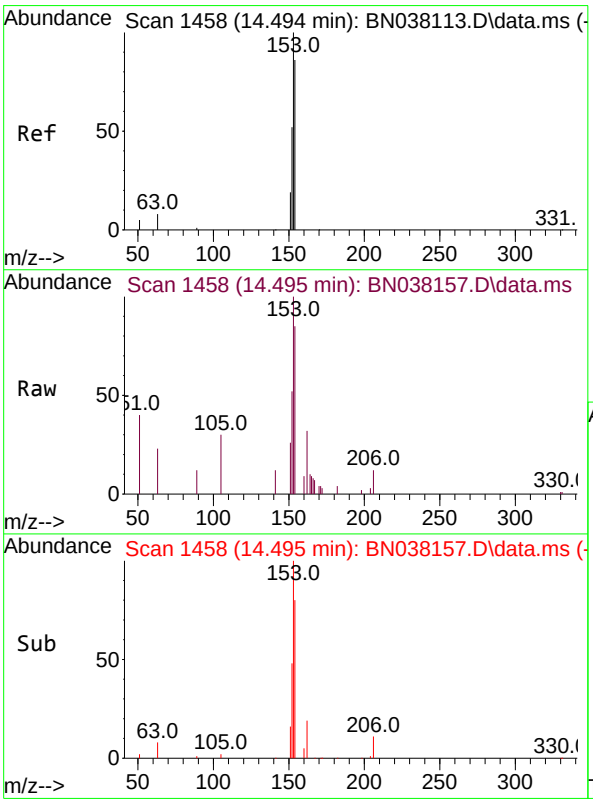
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:172 Resp: 34356

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.0	18.1	27.1

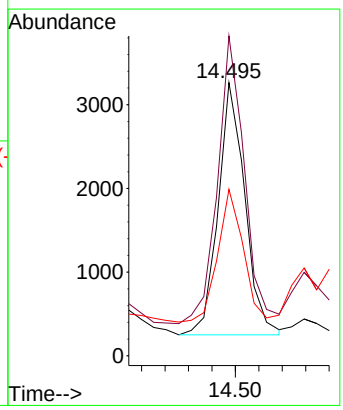


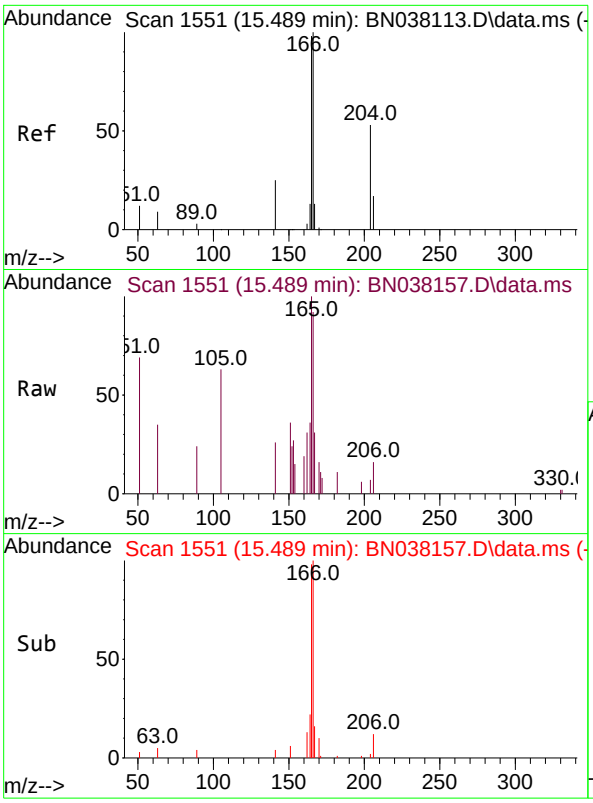


#17
Acenaphthene
Concen: 0.063 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:154 Resp: 4765

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.0	135.0
152	53.3	47.3	70.9



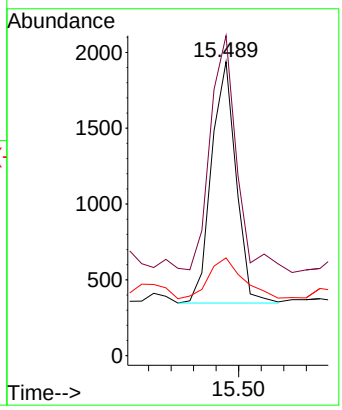


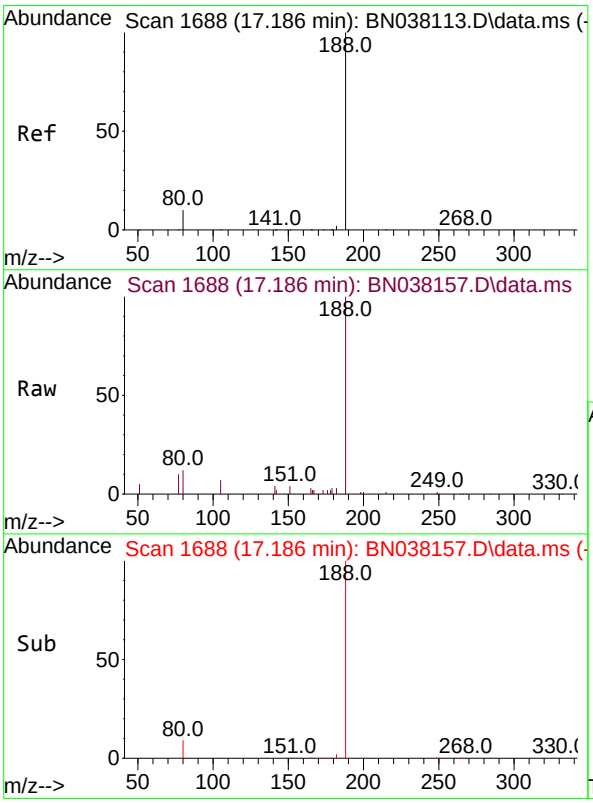
#18
Fluorene
Concen: 0.025 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:166 Resp: 2498

Ion	Ratio	Lower	Upper
166	100		
165	106.9	79.0	118.4
167	24.0	10.7	16.1#

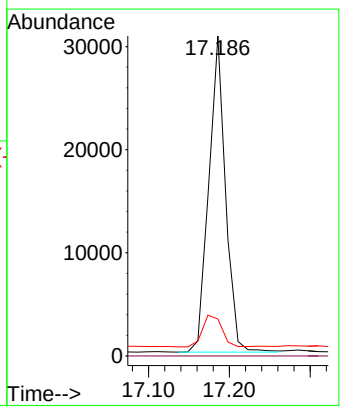


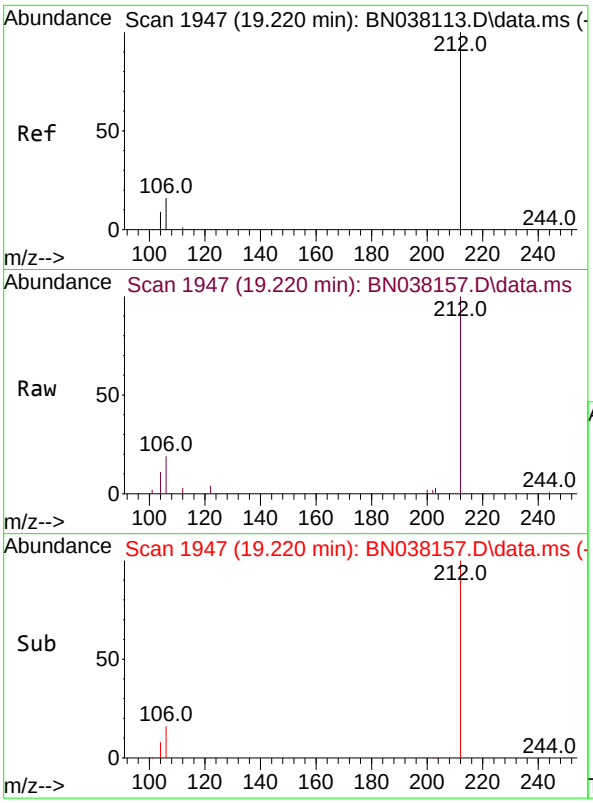


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:188 Resp: 44332

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.6	13.0



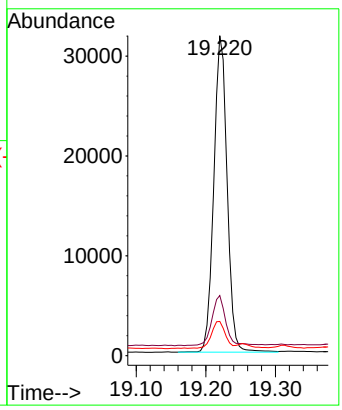


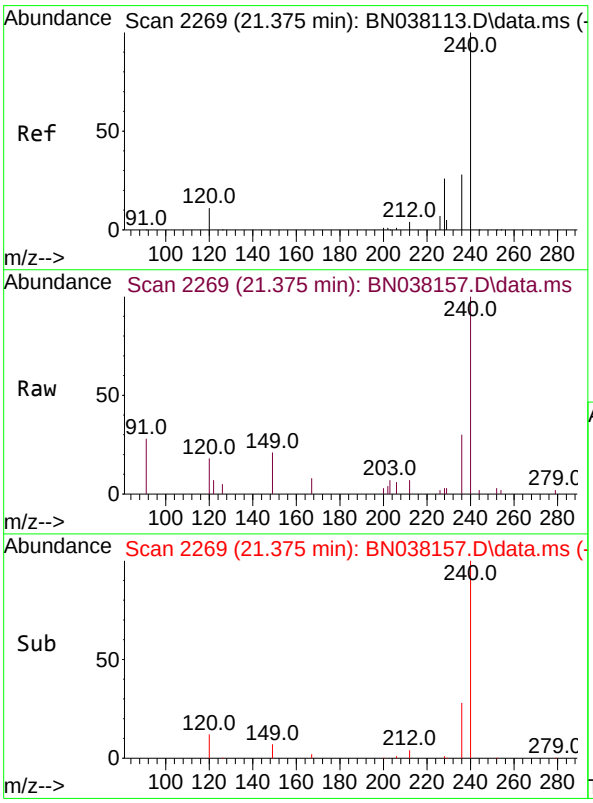
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:212 Resp: 42091

Ion	Ratio	Lower	Upper
212	100		
106	16.5	12.6	19.0
104	8.8	7.1	10.7

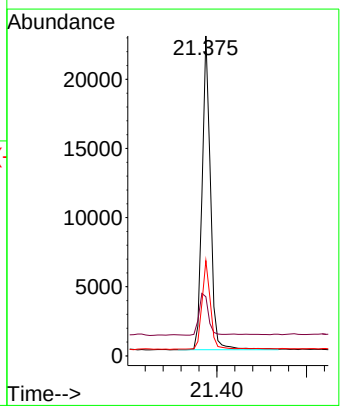


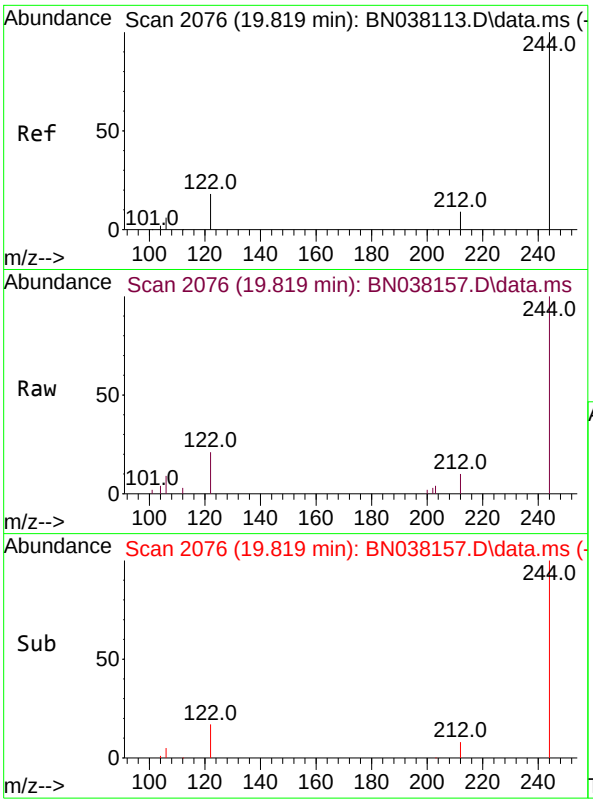


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:240 Resp: 29531

Ion	Ratio	Lower	Upper
240	100		
120	18.5	10.7	16.1#
236	29.8	23.1	34.7



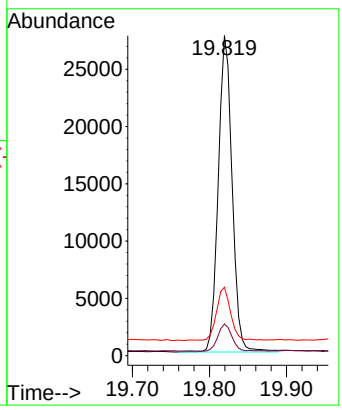


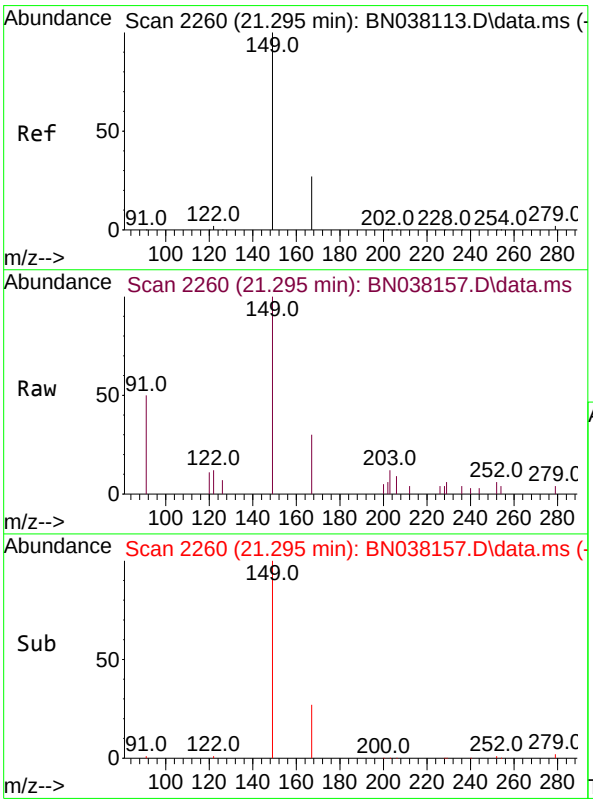
#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 34611

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.8	11.6
122	21.4	15.2	22.8

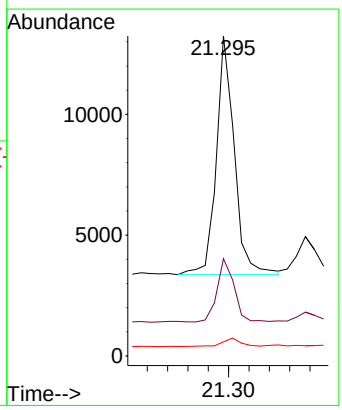


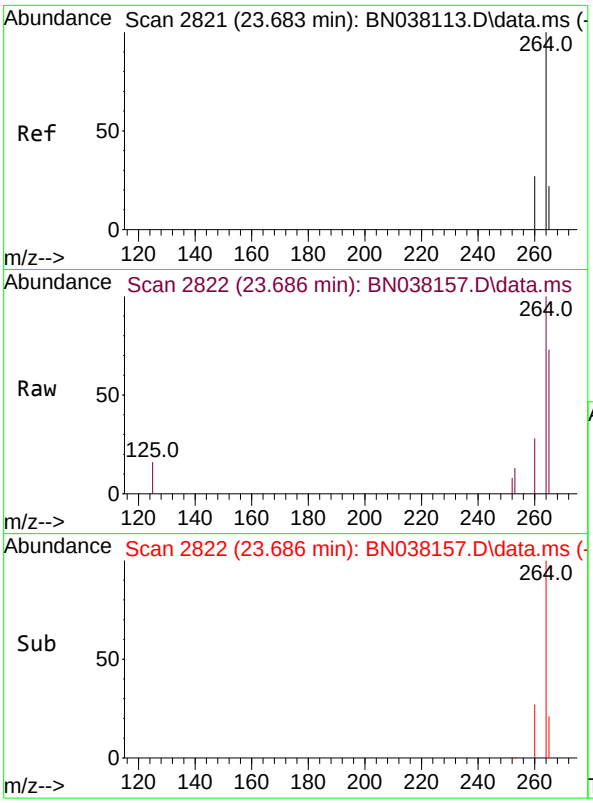


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Tgt Ion:149 Resp: 12122

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.1	31.7
279	3.6	2.9	4.3



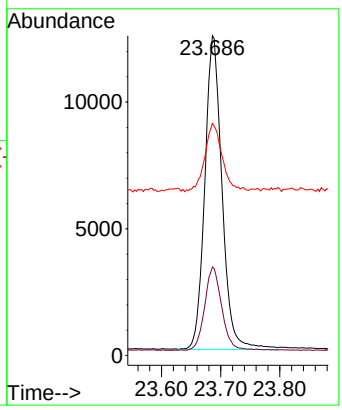


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038157.D
Acq: 07 Nov 2025 16:46

Instrument :
BNA_N
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 25013

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	72.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038155.D
Acq On : 07 Nov 2025 15:33
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

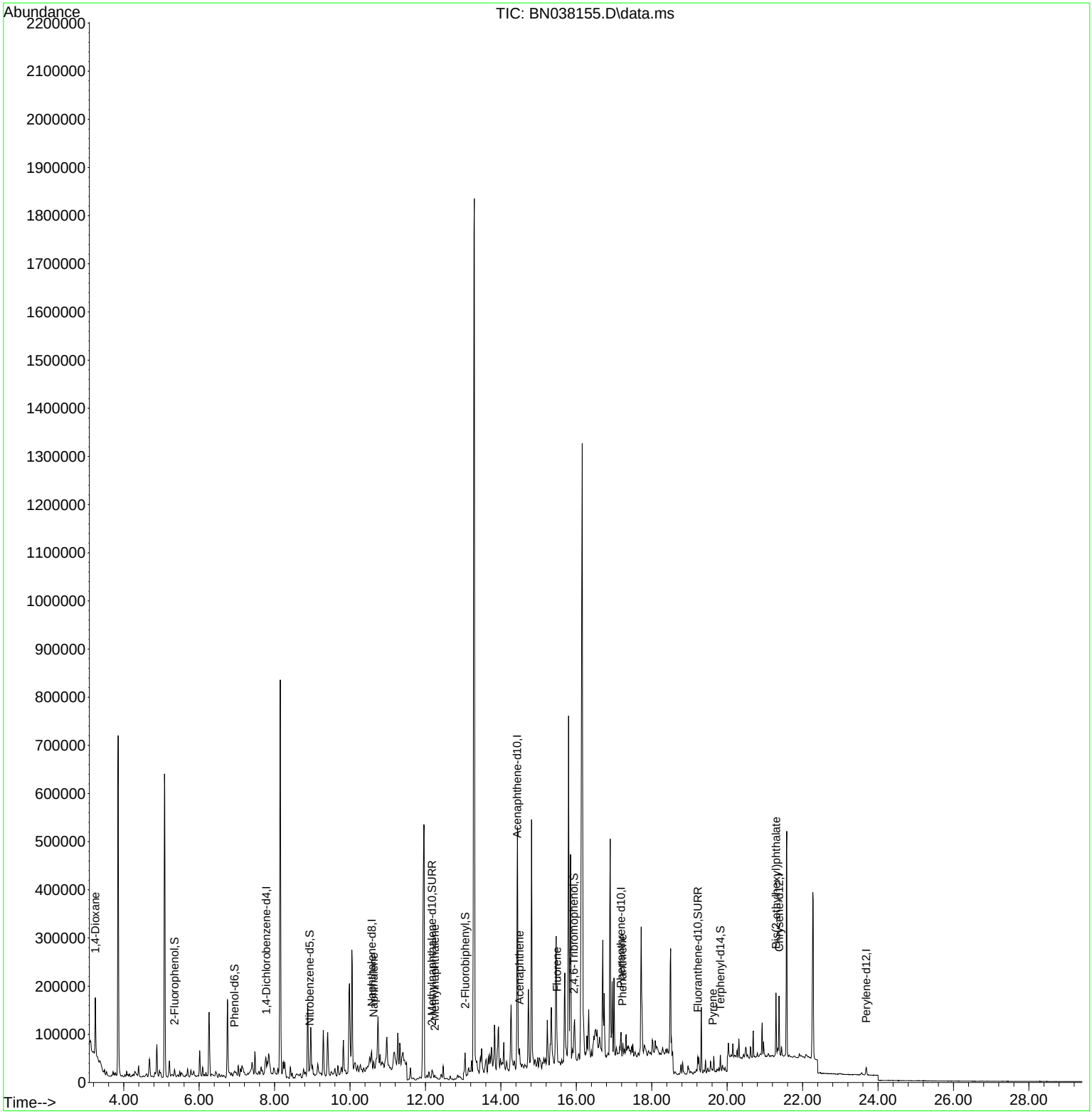
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10875	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	36113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	60230	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	41457	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	24620	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	21598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5544	0.216	ng	0.00
5) Phenol-d6	6.937	99	4724	0.151	ng	0.00
8) Nitrobenzene-d5	8.929	82	10835	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	17454	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4807	0.194	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	31043	0.129	ng	0.00
27) Fluoranthene-d10	19.220	212	37172	0.356	ng	0.00
31) Terphenyl-d14	19.819	244	28988	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	69584	6.193	ng	# 67
9) Naphthalene	10.626	128	10942	0.110	ng	# 64
12) 2-Methylnaphthalene	12.248	142	26668	0.402	ng	# 66
17) Acenaphthene	14.495	154	16665	0.087	ng	# 92
18) Fluorene	15.489	166	24274	0.097	ng	# 56
25) Phenanthrene	17.223	178	7934	0.060	ng	# 83
30) Pyrene	19.615	202	5283	0.048	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.295	149	124078	2.682	ng	96

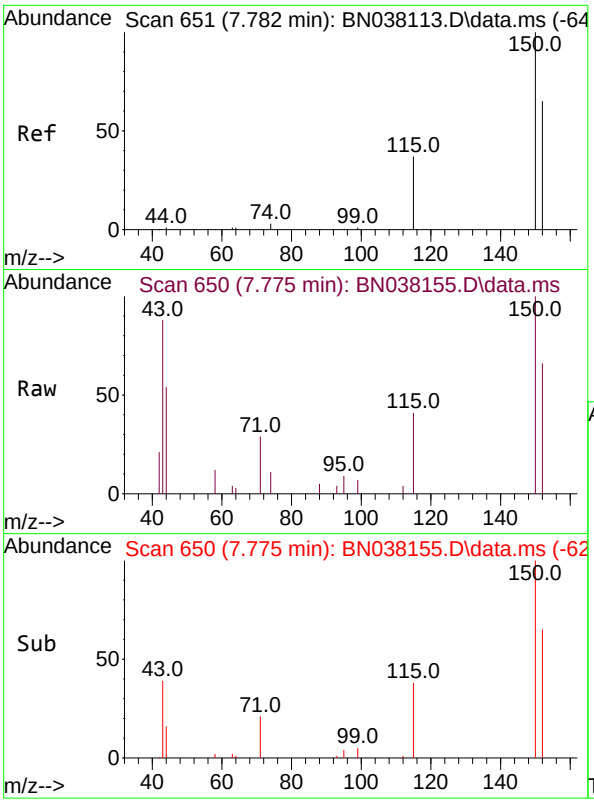
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038155.D
Acq On : 07 Nov 2025 15:33
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



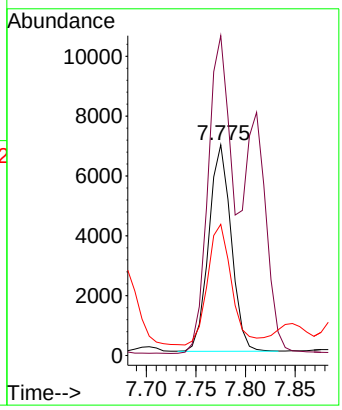


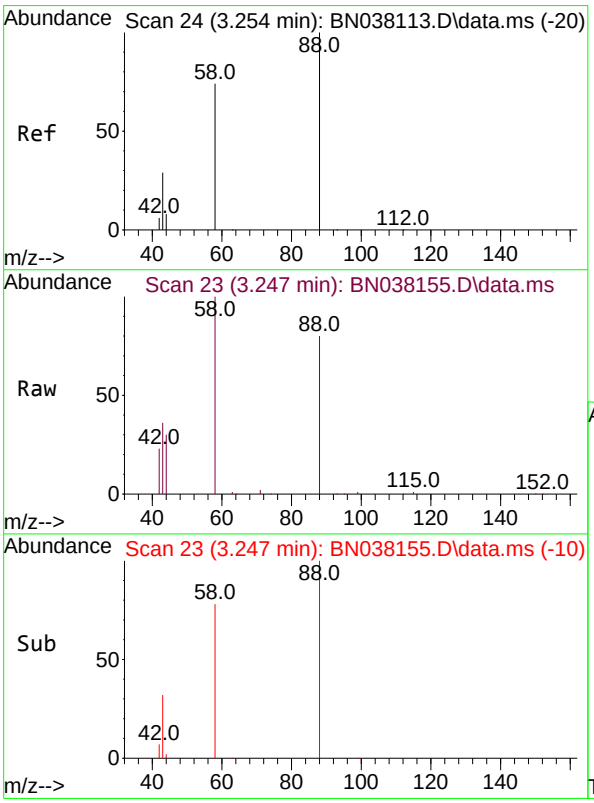
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:152 Resp: 10875

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.3	183.5
115	62.3	47.4	71.0

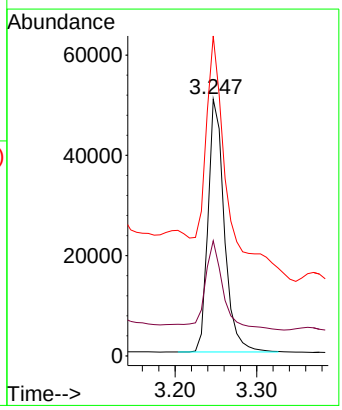


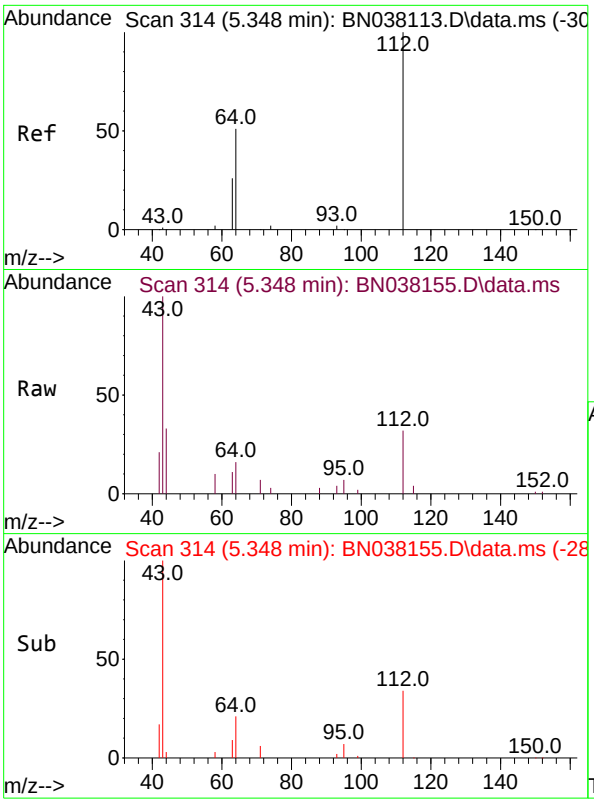


#2
1,4-Dioxane
Concen: 6.193 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 88 Resp: 69584

Ion	Ratio	Lower	Upper
88	100		
43	38.7	24.3	36.5#
58	110.1	60.4	90.6#



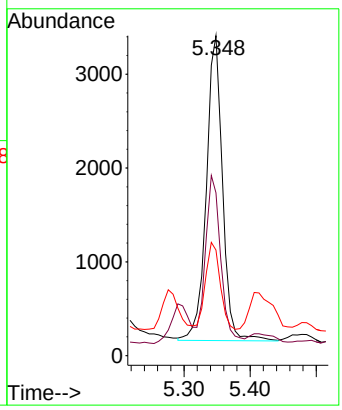


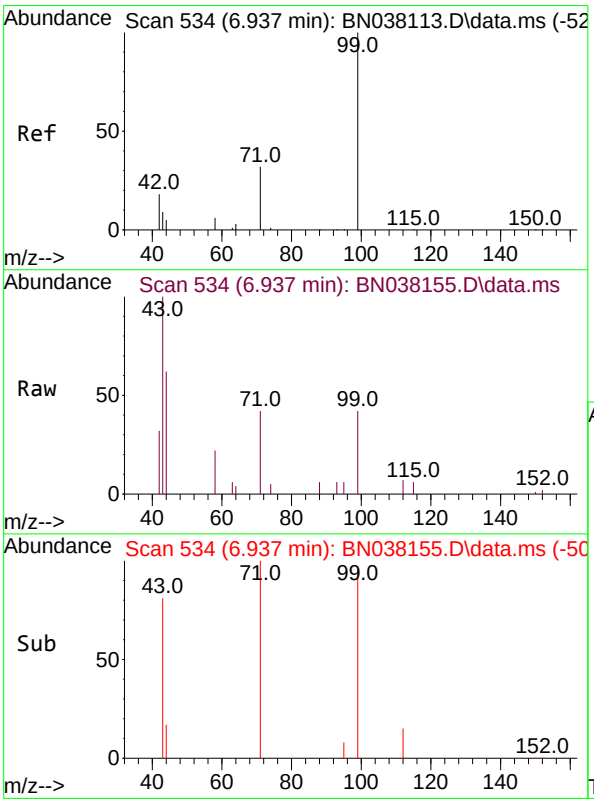
#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:112 Resp: 5544

Ion	Ratio	Lower	Upper
112	100		
64	50.7	45.4	68.0
63	26.4	23.2	34.8

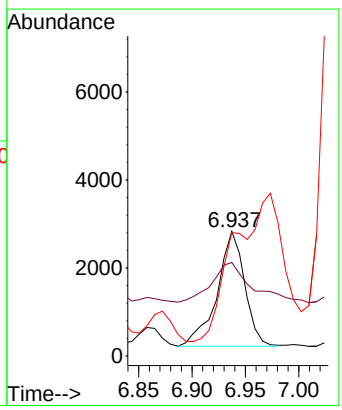


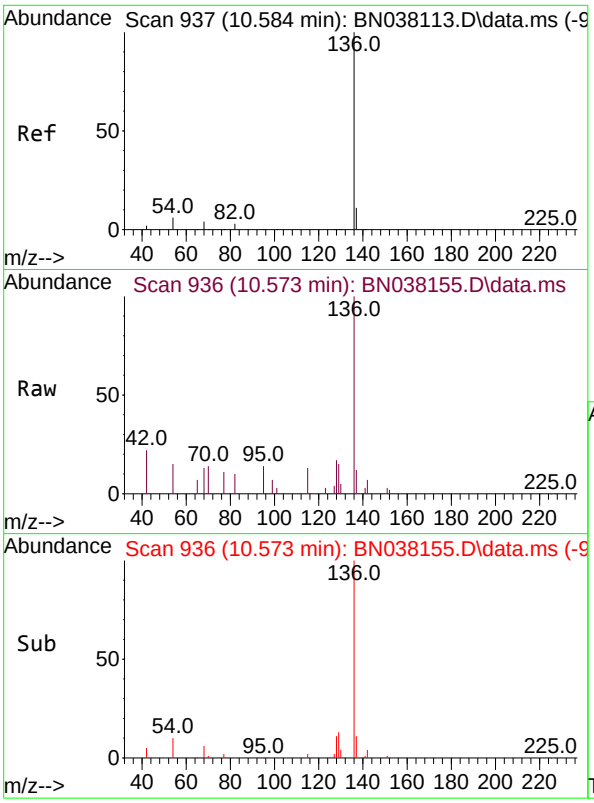


#5
Phenol-d6
Concen: 0.151 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 99 Resp: 4724

Ion	Ratio	Lower	Upper
99	100		
42	65.6	16.6	24.8#
71	0.0	25.4	38.2#



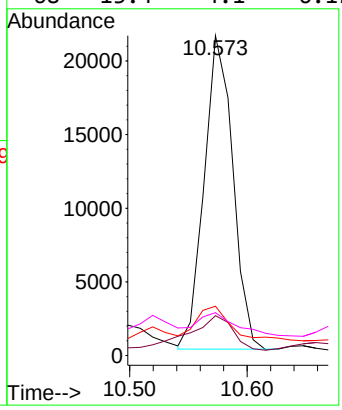


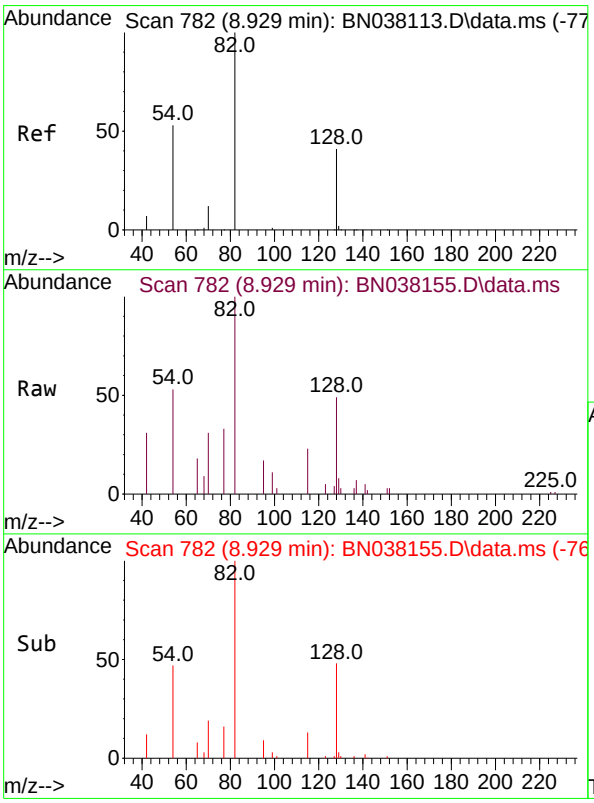
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:136 Resp: 36113

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.4
54	15.4	5.2	7.8#
68	13.4	4.1	6.1#

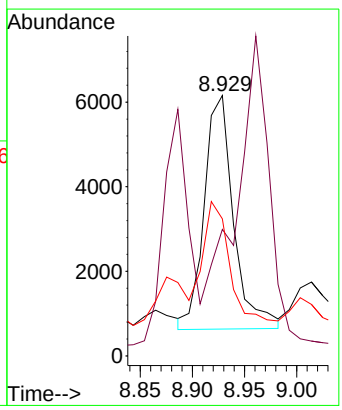




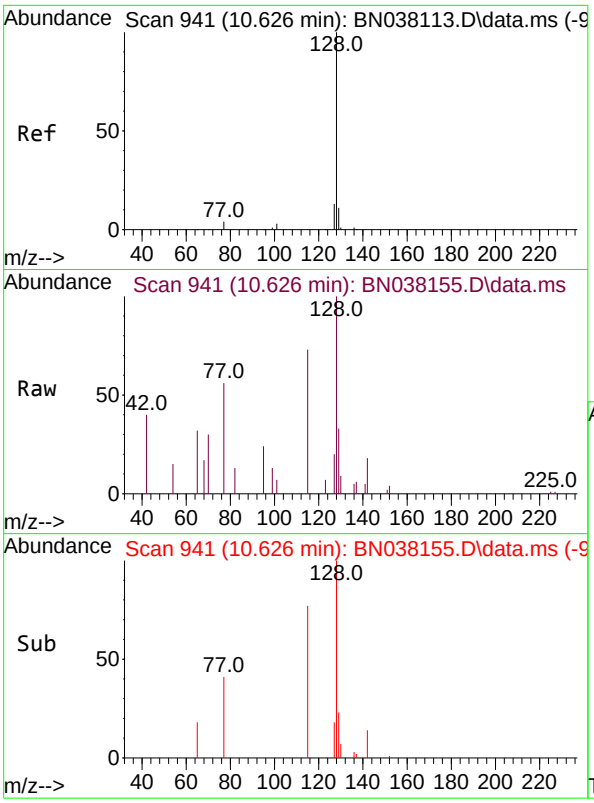
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 82 Resp: 10835

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.1	51.1
54	52.6	43.5	65.3



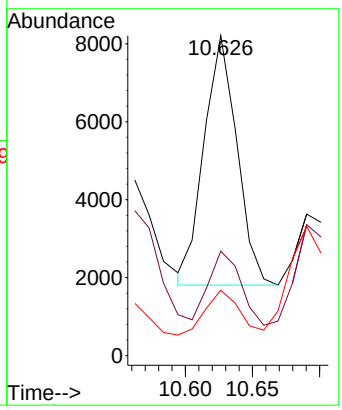
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

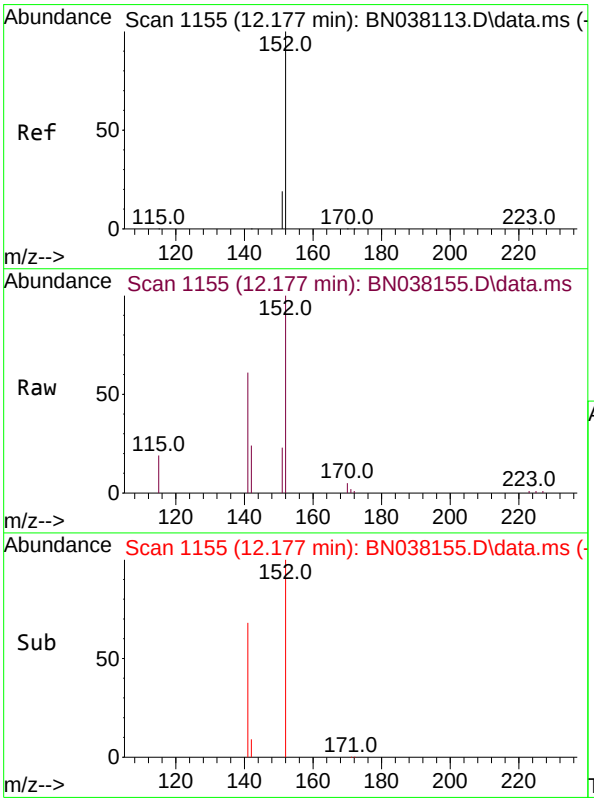


#9
Naphthalene
Concen: 0.110 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:128 Resp: 10942

Ion	Ratio	Lower	Upper
128	100		
129	32.6	9.1	13.7#
127	20.4	10.5	15.7#

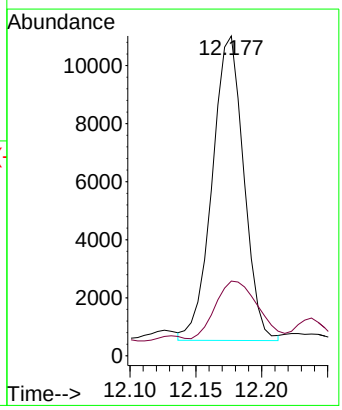


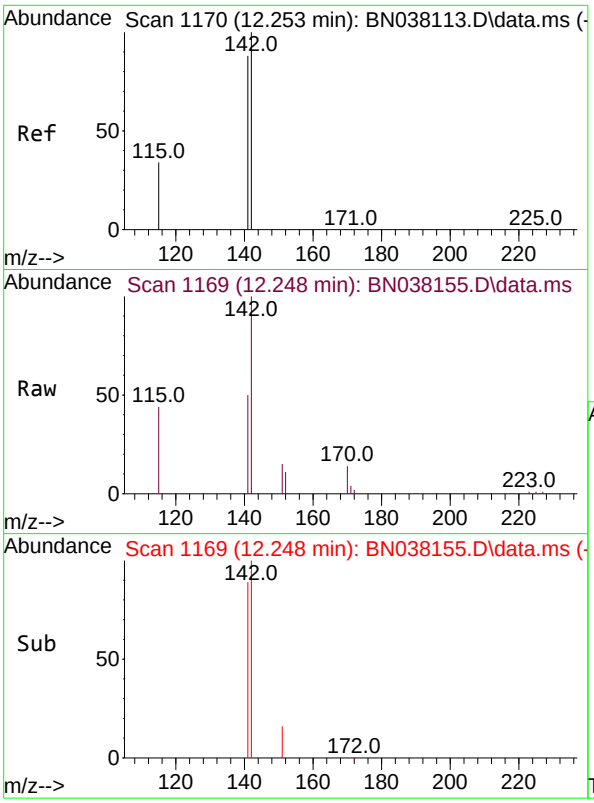


#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:152 Resp: 17454

Ion	Ratio	Lower	Upper
152	100		
151	25.6	16.8	25.2#



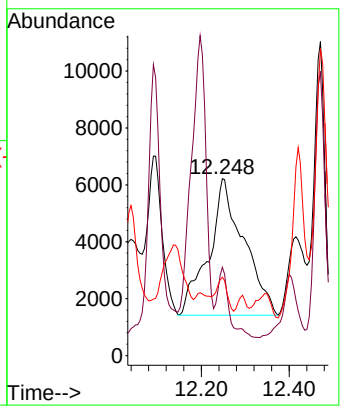


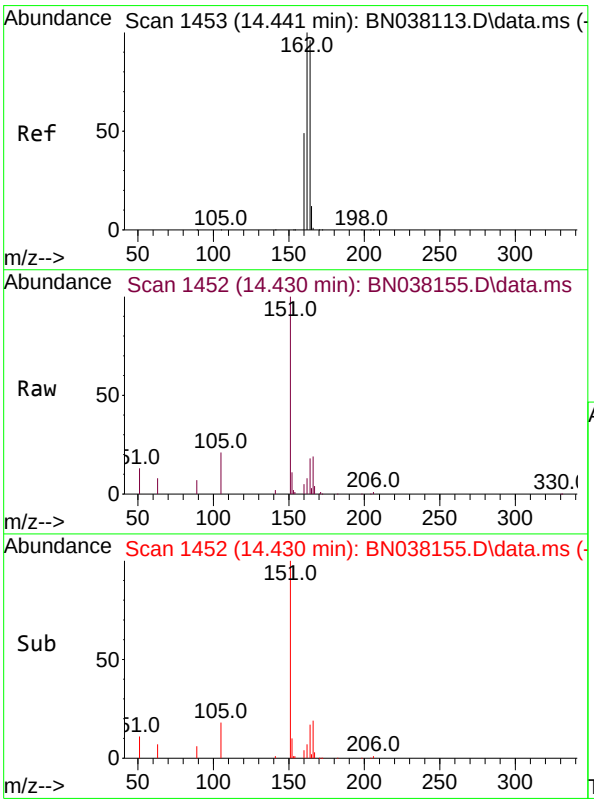
#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.248 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:142 Resp: 26668

Ion	Ratio	Lower	Upper
142	100		
141	50.0	70.3	105.5#
115	44.2	27.8	41.6#

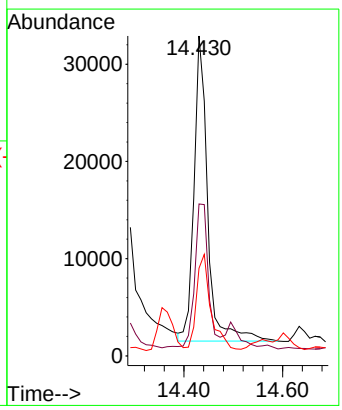


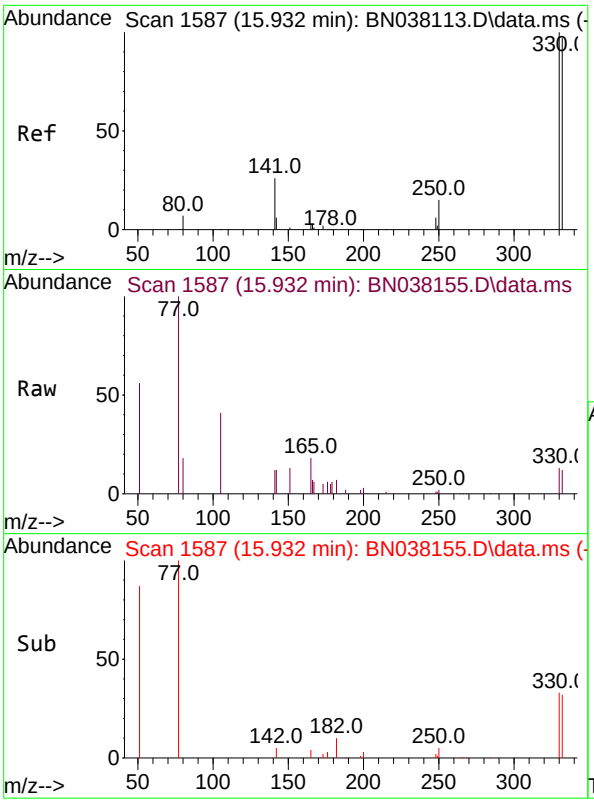


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:164 Resp: 60230

Ion	Ratio	Lower	Upper
164	100		
162	47.5	83.0	124.4#
160	27.4	40.7	61.1#



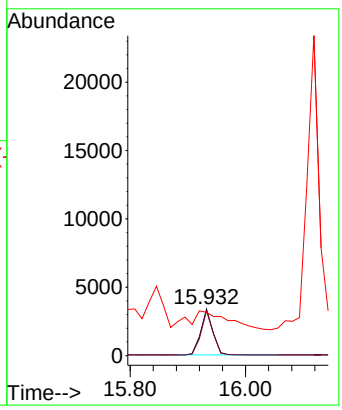


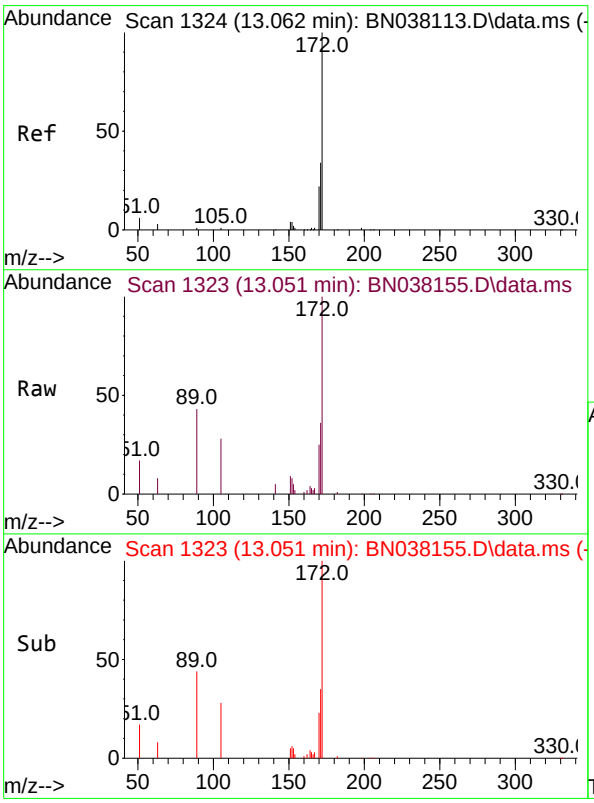
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:330 Resp: 4807

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	125.5	34.1	51.1#

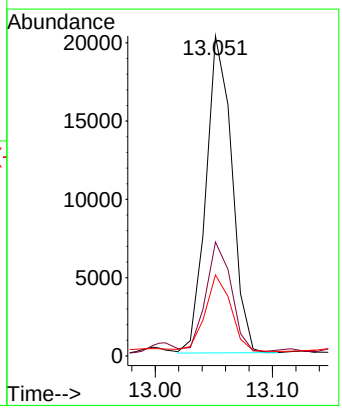


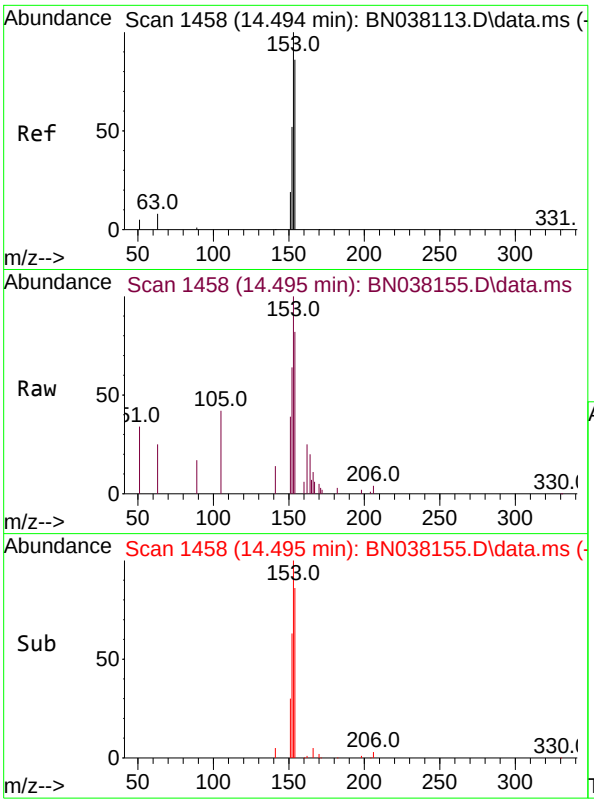


#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:172 Resp: 31043

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	25.3	18.1	27.1



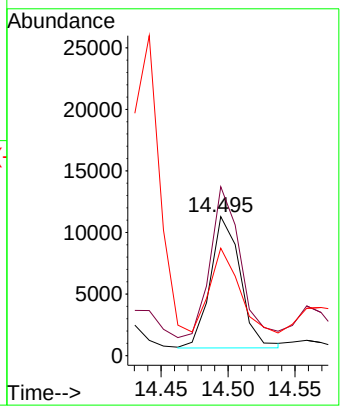


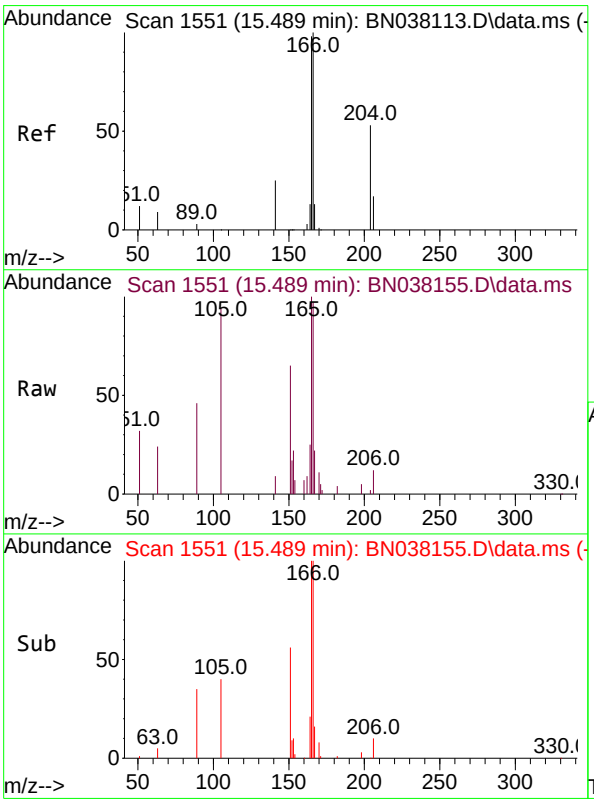
#17
Acenaphthene
Concen: 0.087 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:154 Resp: 16665

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	74.4	47.3	70.9#

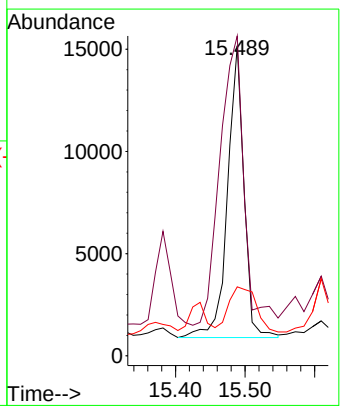


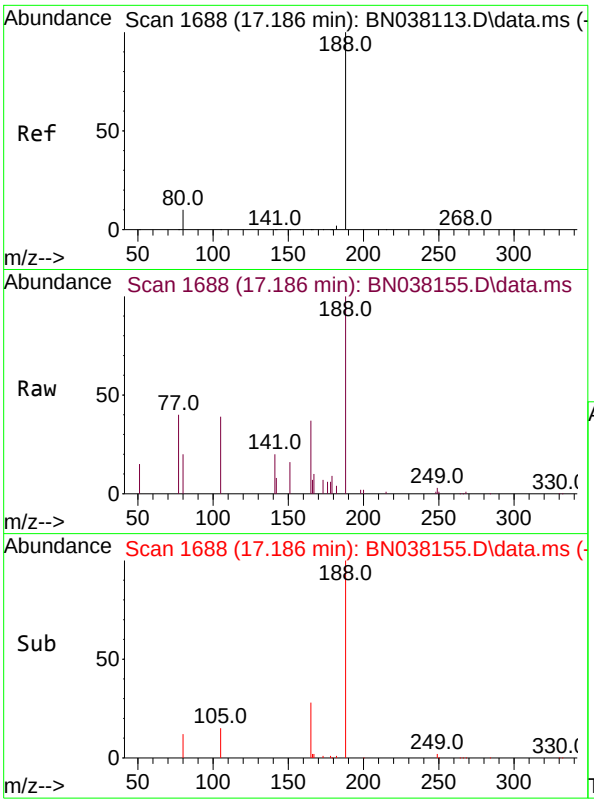


#18
Fluorene
Concen: 0.097 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:166 Resp: 24274

Ion	Ratio	Lower	Upper
166	100		
165	143.9	79.0	118.4#
167	25.8	10.7	16.1#



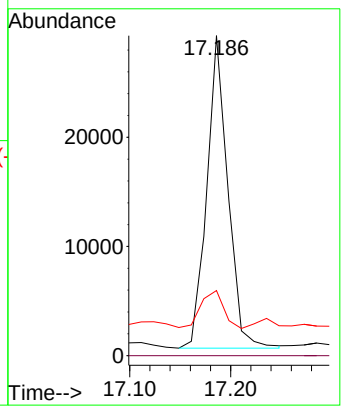


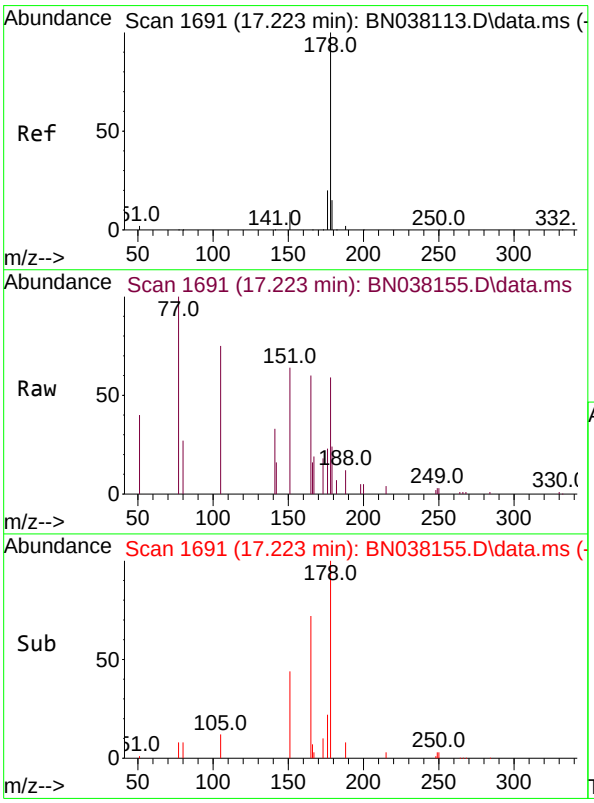
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:188 Resp: 41457

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.3	8.6	13.0#

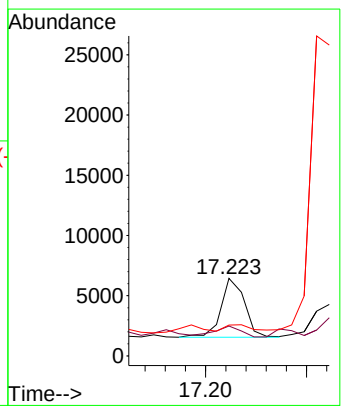


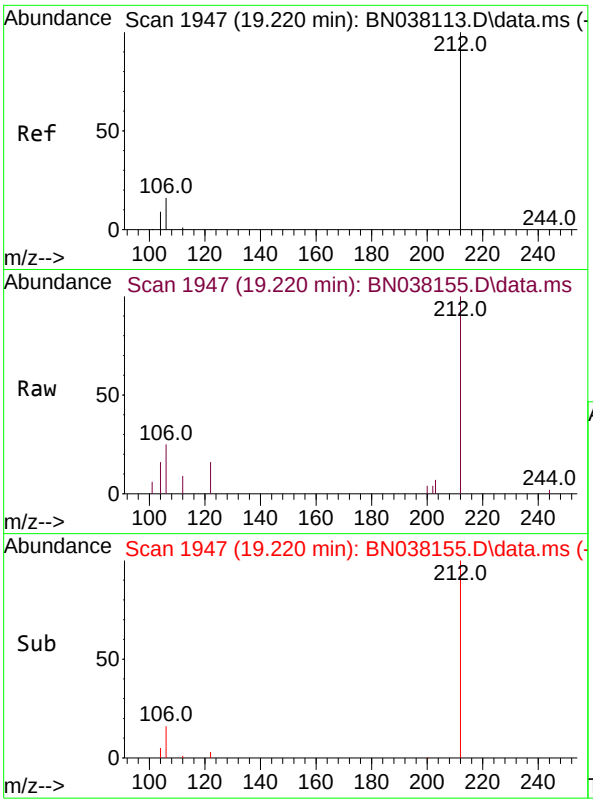


#25
Phenanthrene
Concen: 0.060 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:178 Resp: 7934

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	0.0	12.2	18.4#



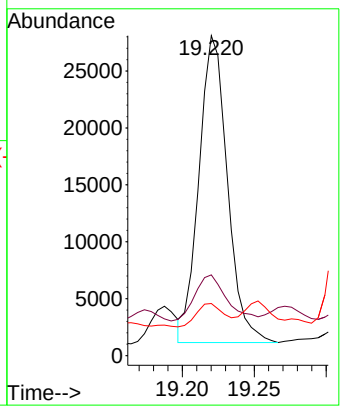


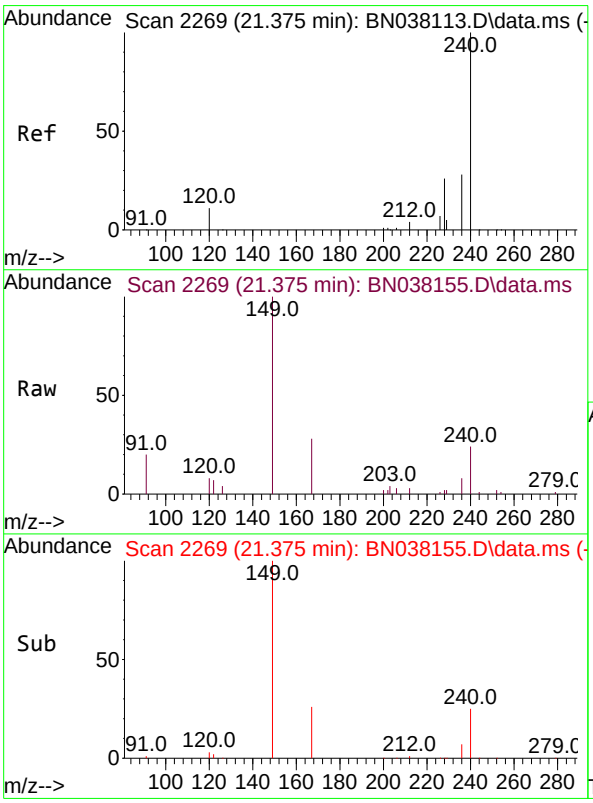
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:212 Resp: 37172

Ion	Ratio	Lower	Upper
212	100		
106	19.7	12.6	19.0#
104	8.1	7.1	10.7

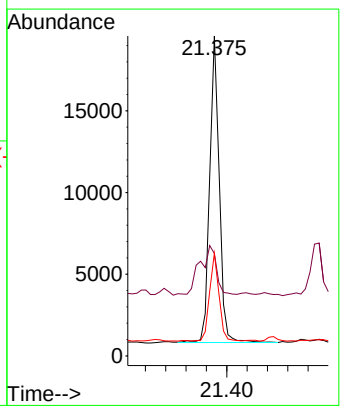


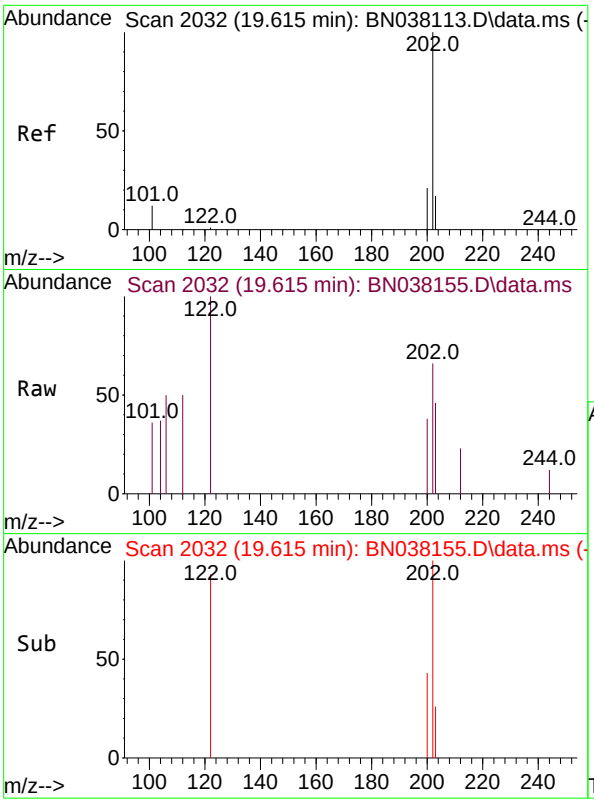


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:240 Resp: 24620

Ion	Ratio	Lower	Upper
240	100		
120	32.0	10.7	16.1#
236	32.1	23.1	34.7



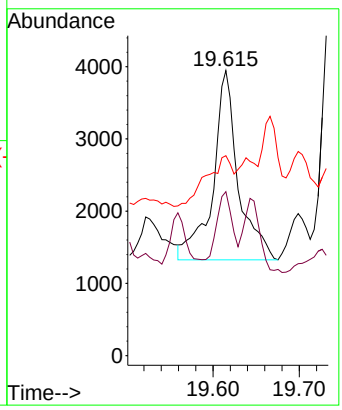


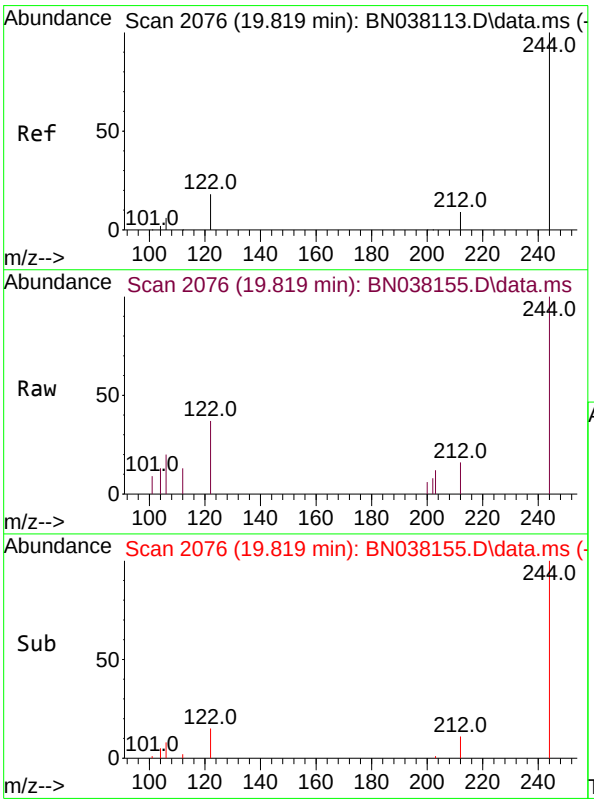
#30
Pyrene
Concen: 0.048 ng
RT: 19.615 min Scan# 20
Delta R.T. 0.005 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:202 Resp: 5283

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.7	25.1
203	27.2	14.2	21.2#

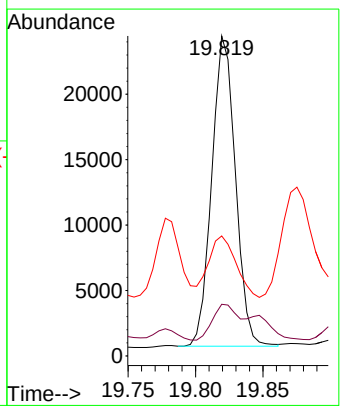


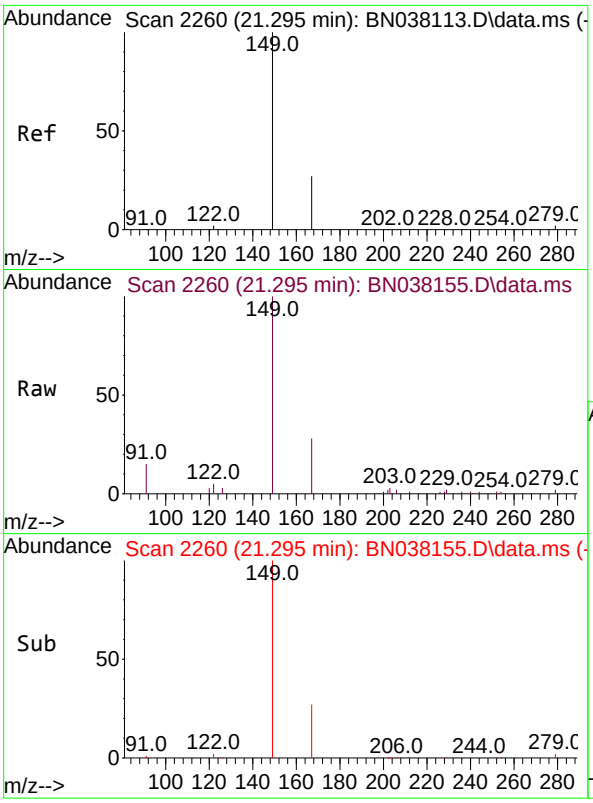


#31
Terphenyl-d14
Concen: 0.542 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:244 Resp: 28988

Ion	Ratio	Lower	Upper
244	100		
212	16.1	7.8	11.6#
122	37.5	15.2	22.8#



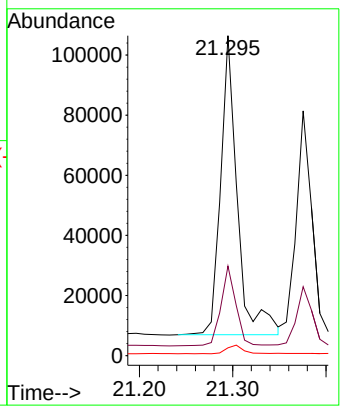


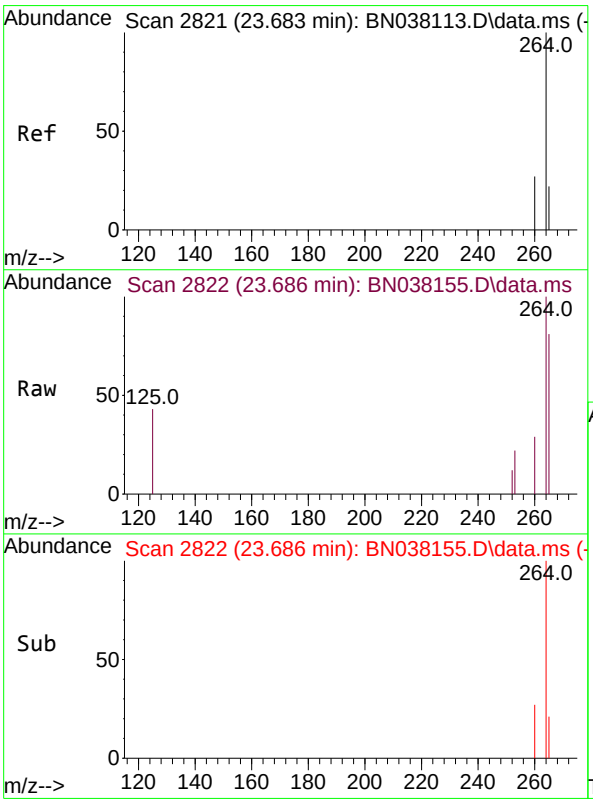
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.682 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:149 Resp: 124078

Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.1	31.7
279	3.1	2.9	4.3

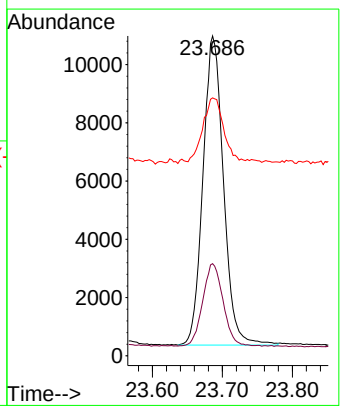




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:264 Resp: 21598

Ion	Ratio	Lower	Upper
264	100		
260	28.8	21.8	32.8
265	80.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038176.D
Acq On : 10 Nov 2025 11:26
Operator : RC/JU
Sample : Q3534-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Quant Time: Nov 10 11:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

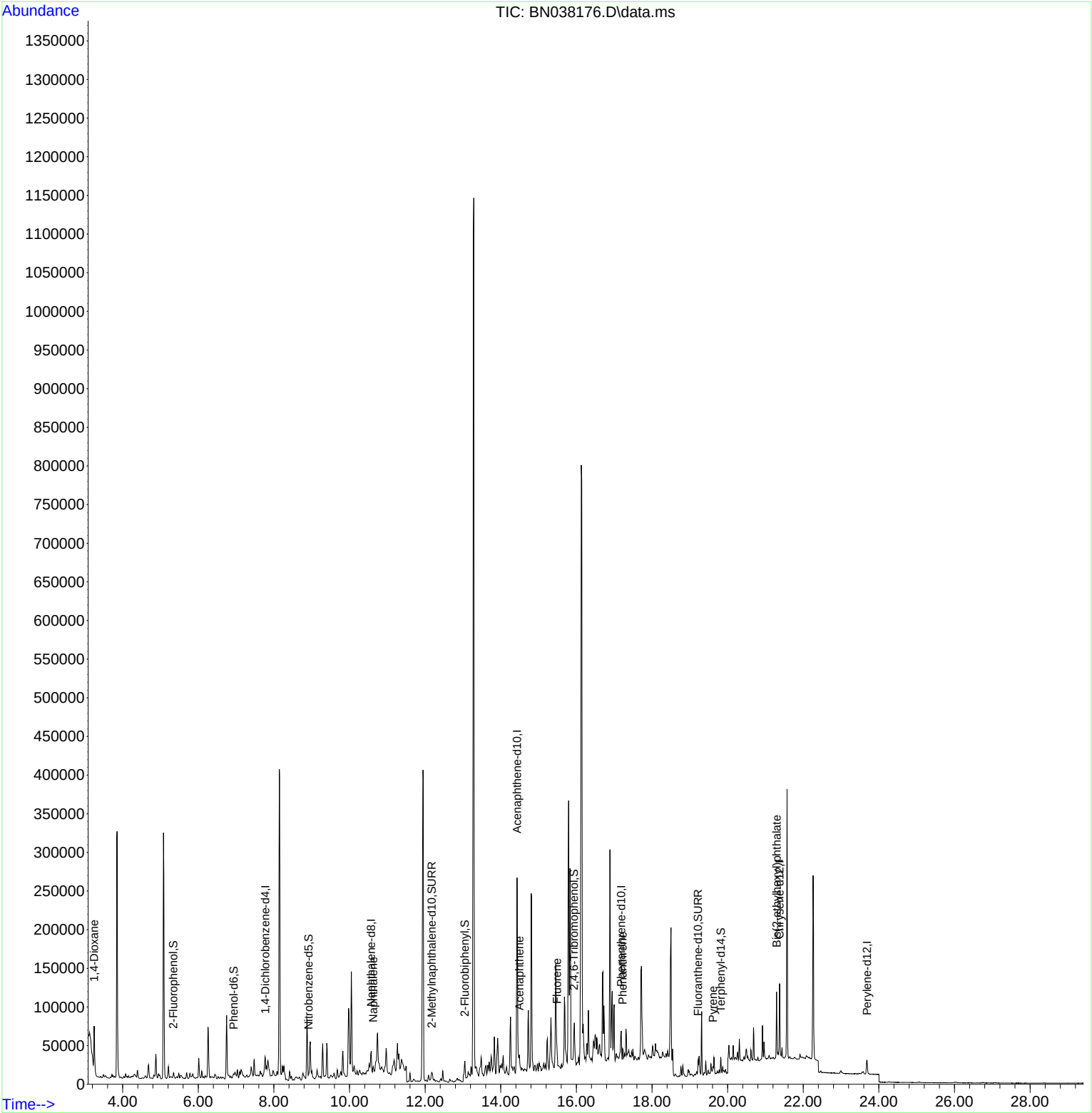
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9993	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33147	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	39685	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	43630	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	31483	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25895	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3513	0.149	ng	0.00
5) Phenol-d6	6.937	99	2646	0.092	ng	0.00
8) Nitrobenzene-d5	8.918	82	5197	0.194	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	9040	0.191	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2560	0.157	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	16824	0.106	ng	0.00
27) Fluoranthene-d10	19.220	212	22271	0.202	ng	0.00
31) Terphenyl-d14	19.819	244	18892	0.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	34359	3.328	ng	# 62
9) Naphthalene	10.626	128	5986	0.066	ng	# 63
17) Acenaphthene	14.494	154	8783	0.070	ng	# 93
18) Fluorene	15.489	166	12858	0.078	ng	# 61
25) Phenanthrene	17.223	178	6676	0.048	ng	# 81
30) Pyrene	19.615	202	8875	0.062	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.295	149	80278	1.357	ng	96

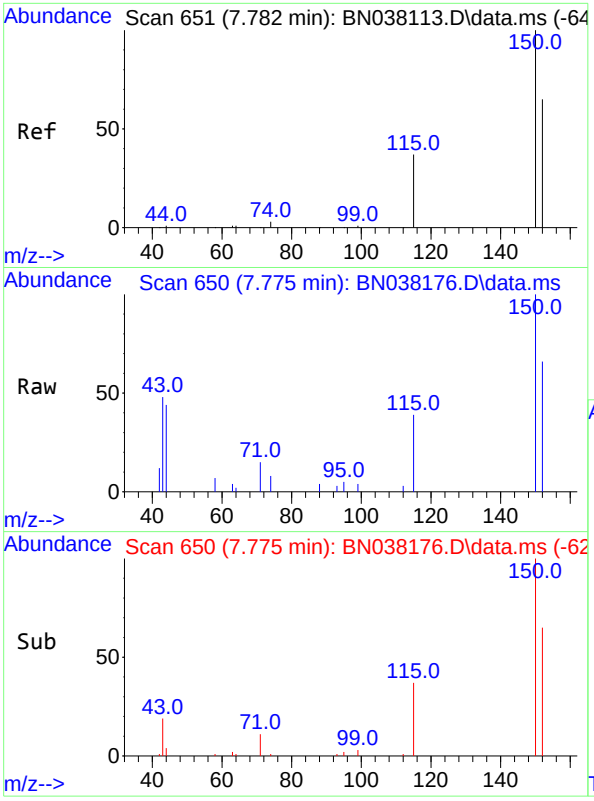
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038176.D
Acq On : 10 Nov 2025 11:26
Operator : RC/JU
Sample : Q3534-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Quant Time: Nov 10 11:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



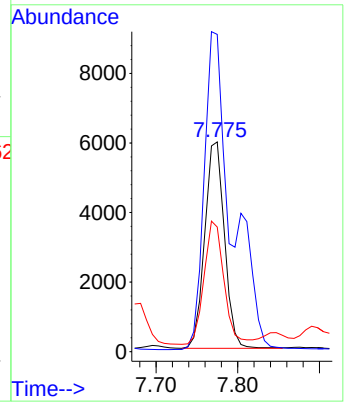


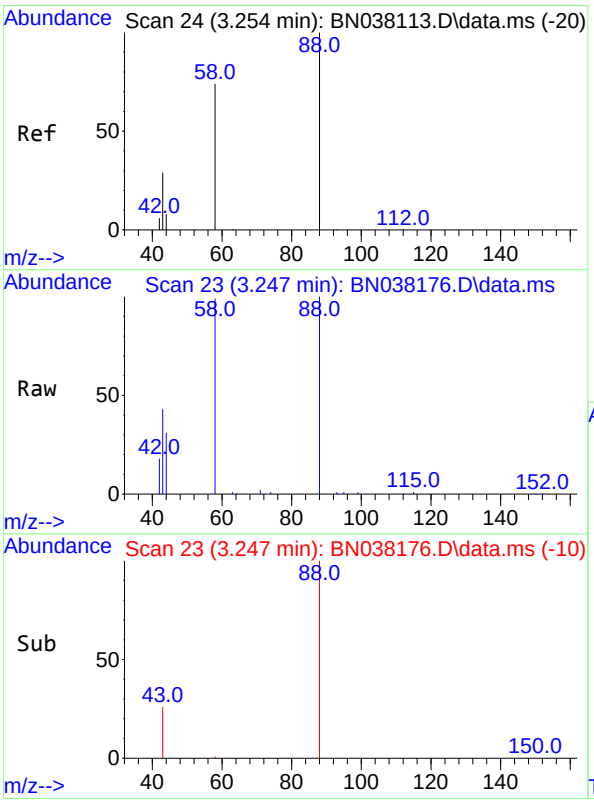
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:152 Resp: 9993

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.3	183.5
115	59.4	47.4	71.0

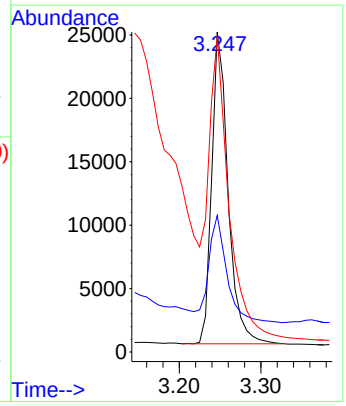


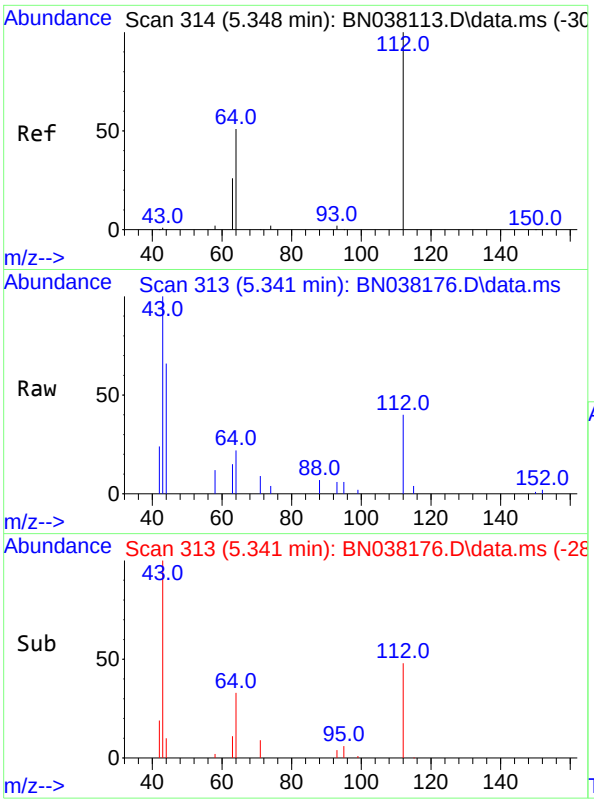


#2
1,4-Dioxane
Concen: 3.328 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 88 Resp: 34359

Ion	Ratio	Lower	Upper
88	100		
43	38.6	24.3	36.5#
58	116.4	60.4	90.6#



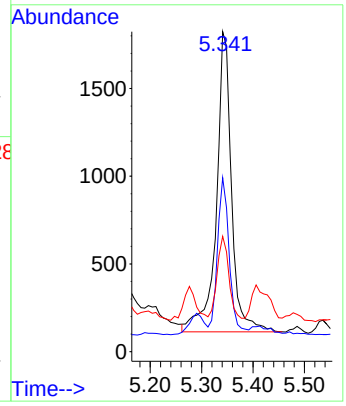


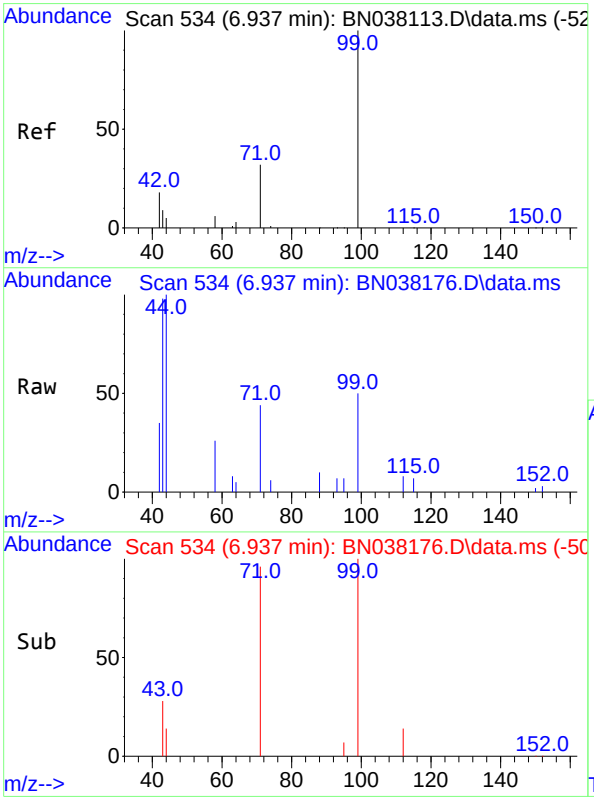
#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.341 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:112 Resp: 3513

Ion	Ratio	Lower	Upper
112	100		
64	40.0	45.4	68.0#
63	21.9	23.2	34.8#

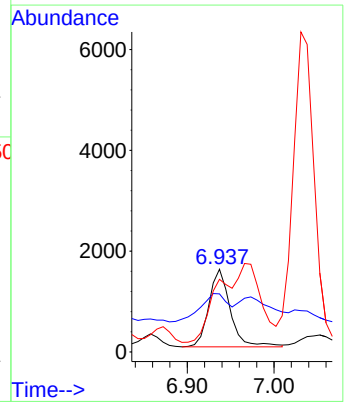


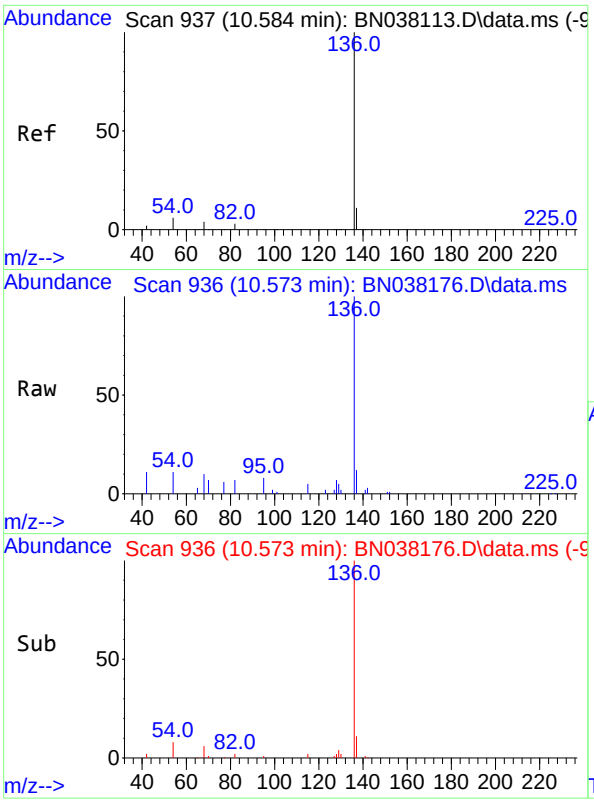


#5
Phenol-d6
Concen: 0.092 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 99 Resp: 2646

Ion	Ratio	Lower	Upper
99	100		
42	47.3	16.6	24.8#
71	86.1	25.4	38.2#



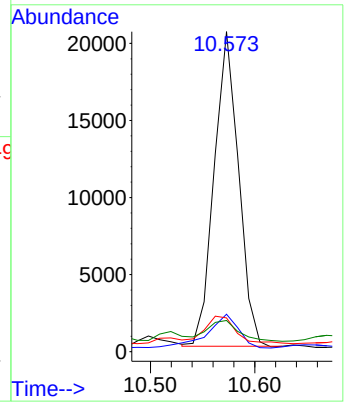


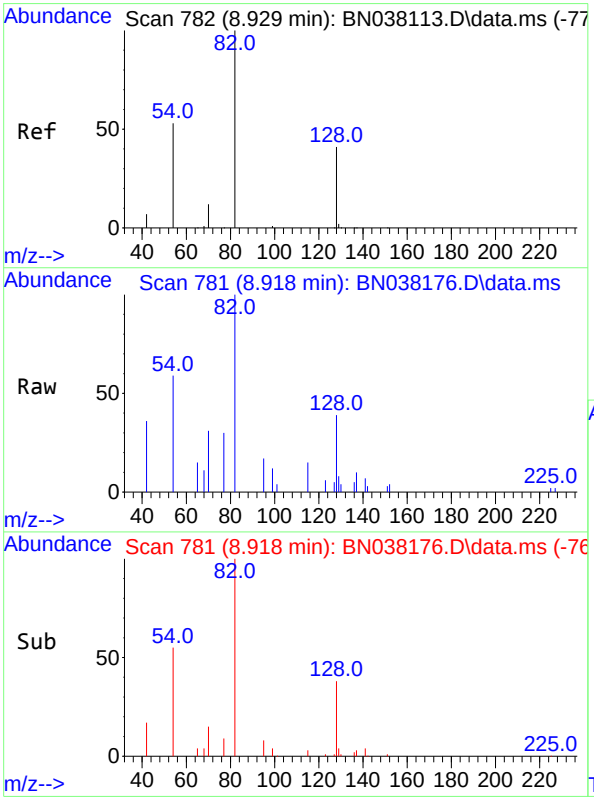
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:136 Resp: 33147

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.6	5.2	7.8#
68	9.8	4.1	6.1#

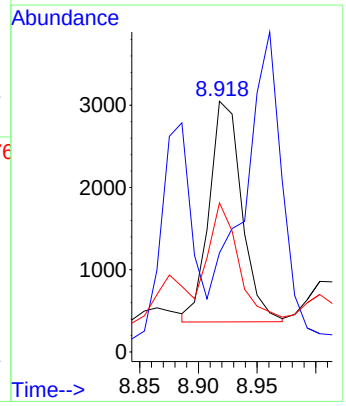


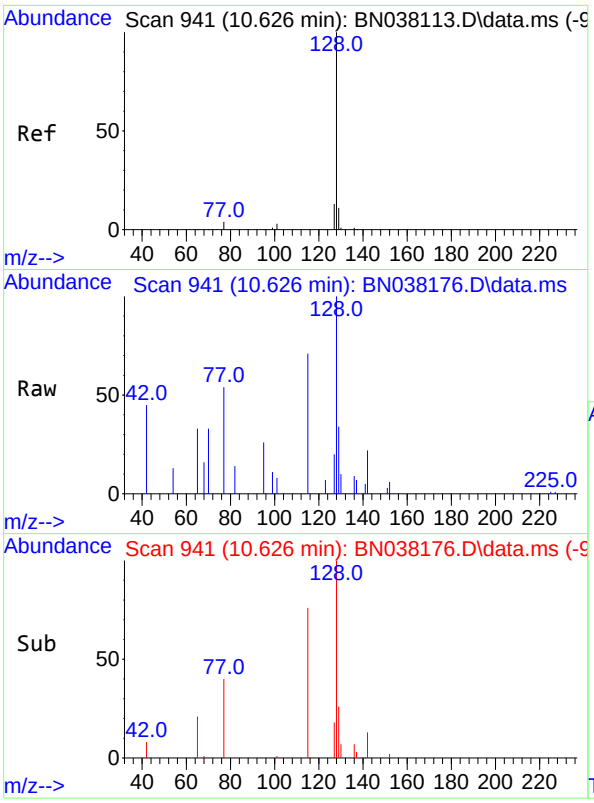


#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 82 Resp: 5197

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.1	51.1
54	59.5	43.5	65.3



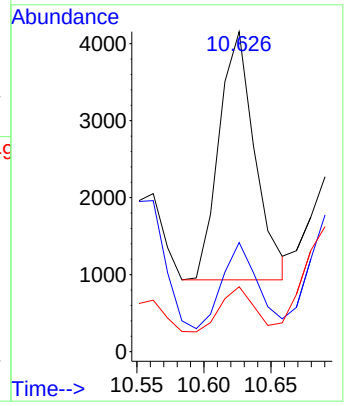


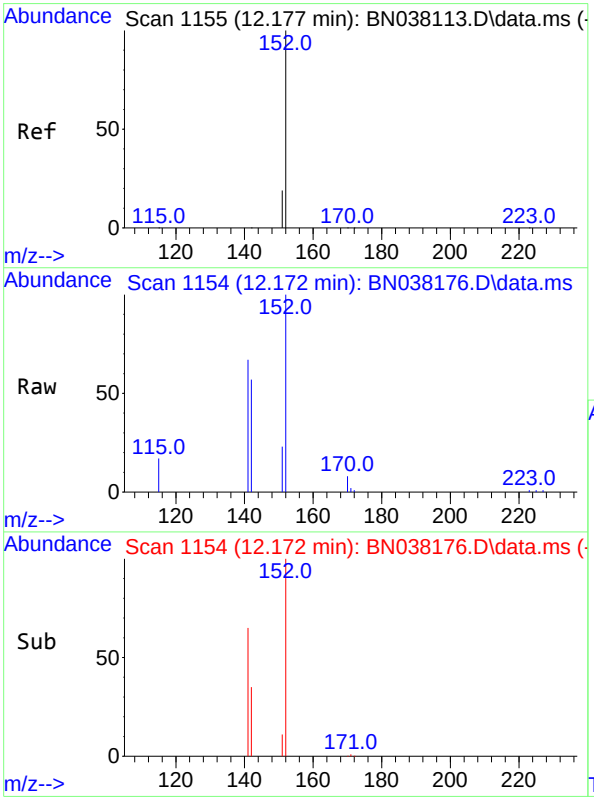
#9
Naphthalene
Concen: 0.066 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:128 Resp: 5986

Ion	Ratio	Lower	Upper
128	100		
129	34.1	9.1	13.7#
127	20.3	10.5	15.7#

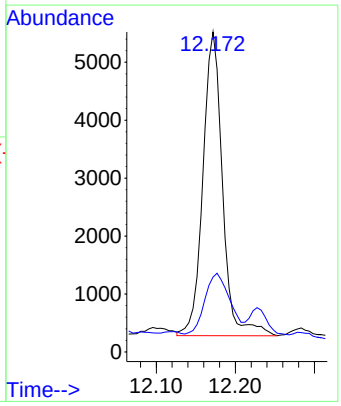


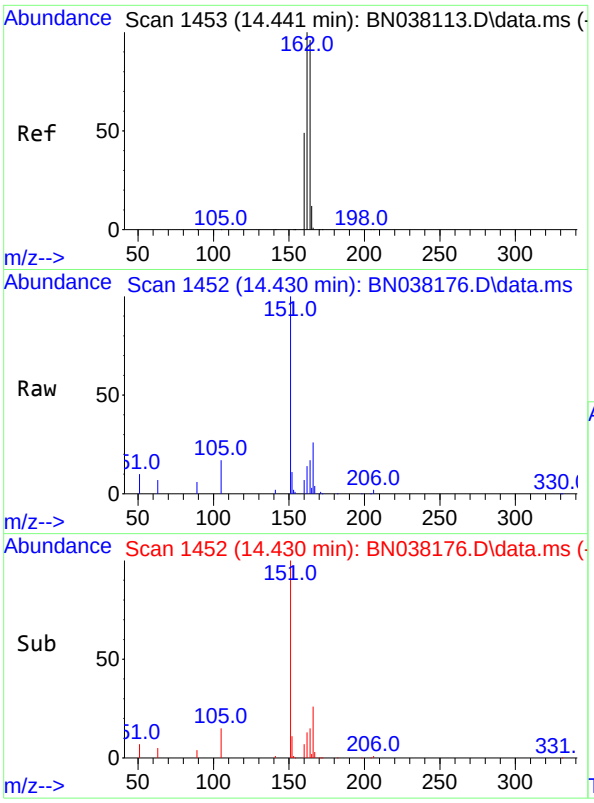


#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:152 Resp: 9040

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.8	25.2#



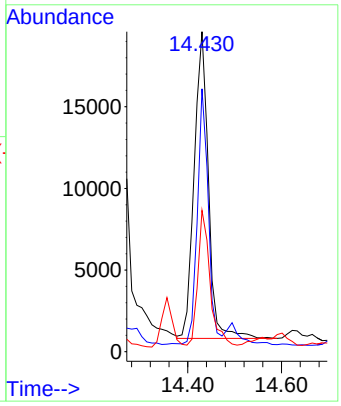


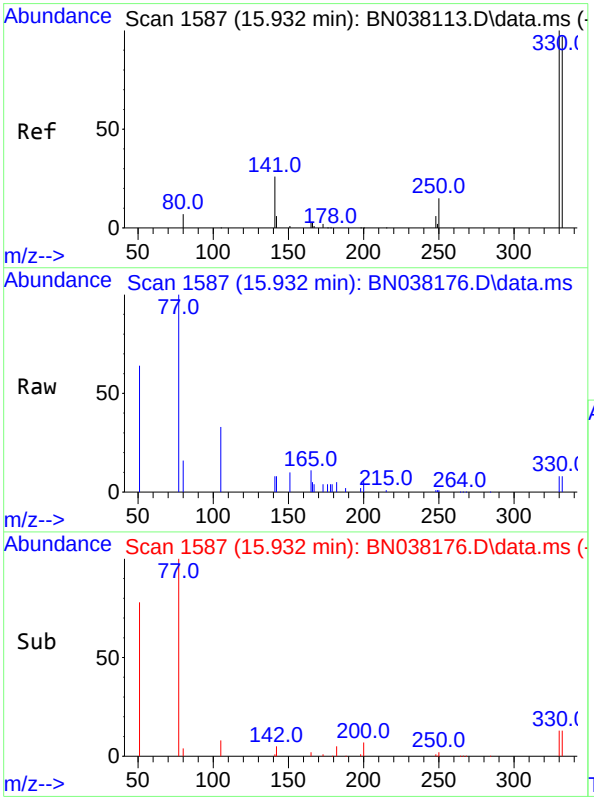
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:164 Resp: 39685

Ion	Ratio	Lower	Upper
164	100		
162	82.1	83.0	124.4#
160	44.1	40.7	61.1

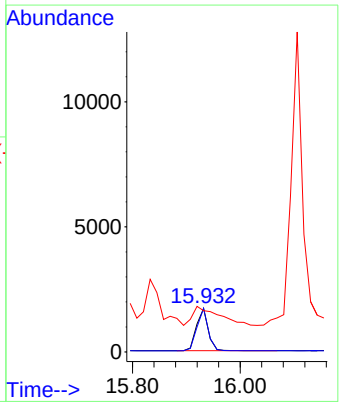


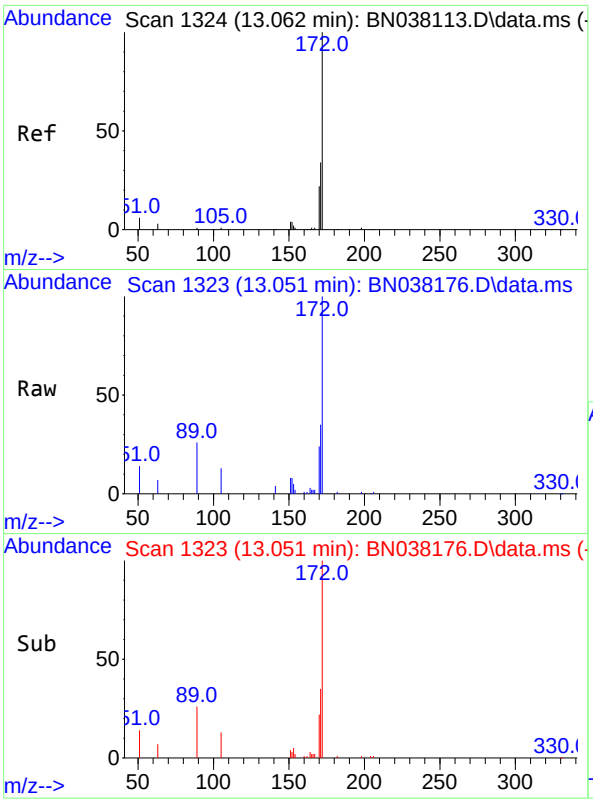


#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:330 Resp: 2560

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	100.4	34.1	51.1#



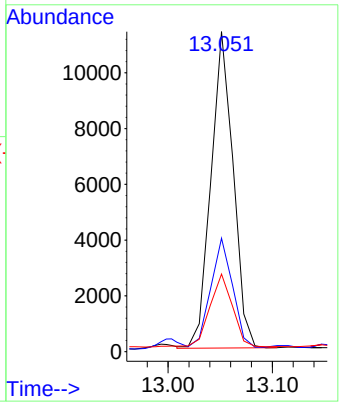


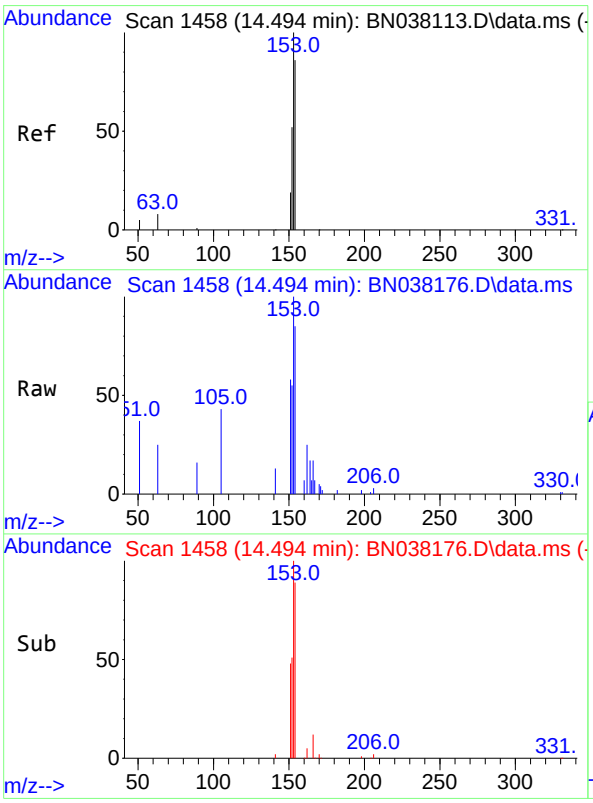
#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:172 Resp: 16824

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.2	18.1	27.1

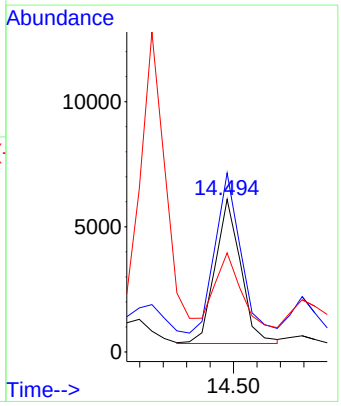


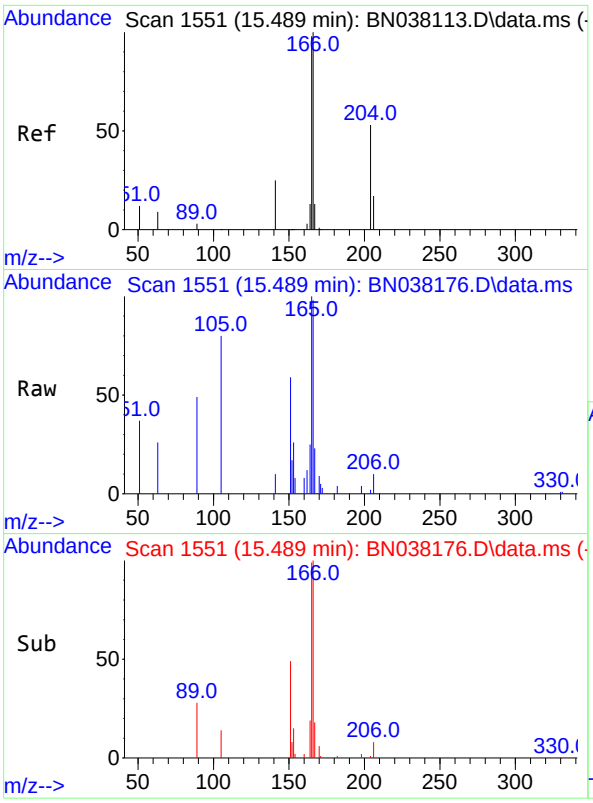


#17
Acenaphthene
Concen: 0.070 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:154 Resp: 8783

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.0	135.0
152	71.3	47.3	70.9#



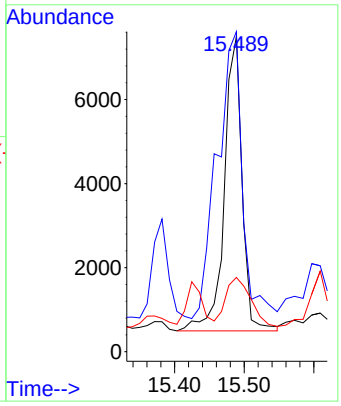


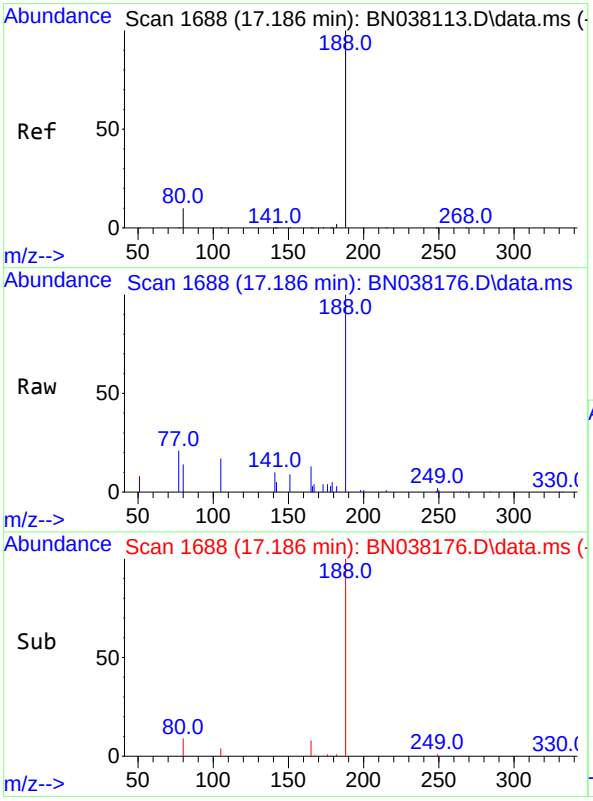
#18
Fluorene
Concen: 0.078 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:166 Resp: 12858

Ion	Ratio	Lower	Upper
166	100		
165	138.9	79.0	118.4#
167	23.2	10.7	16.1#

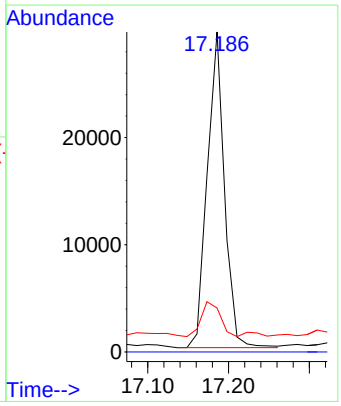


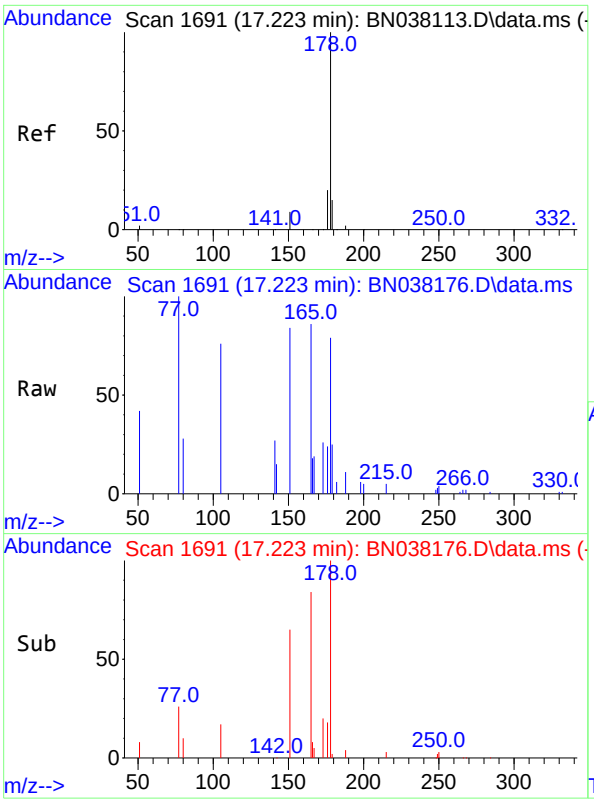


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:188 Resp: 43630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	8.6	13.0#



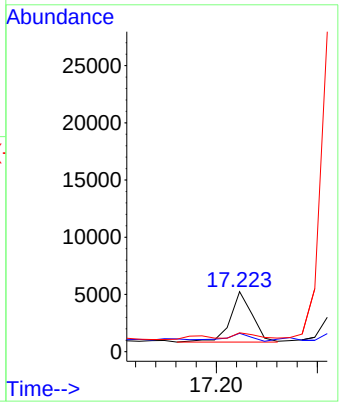


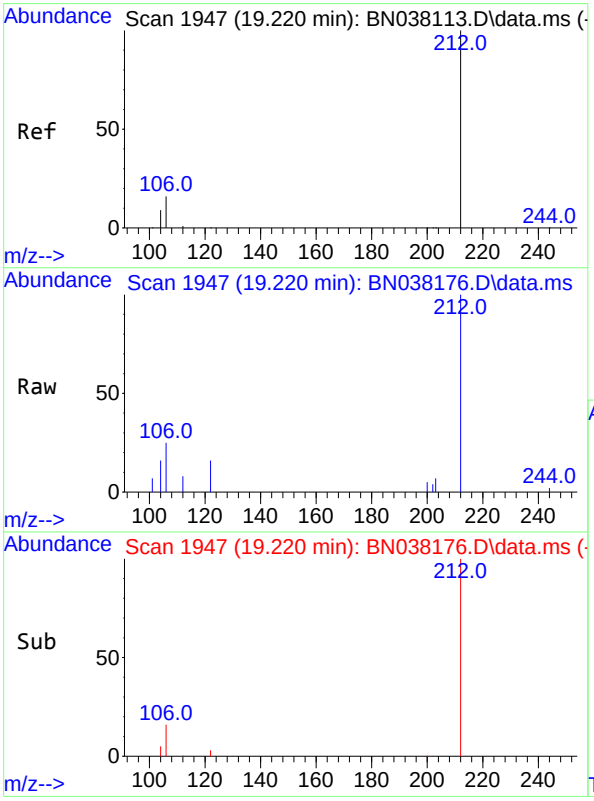
#25
Phenanthrene
Concen: 0.048 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:178 Resp: 6676

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.5	23.3
179	0.0	12.2	18.4#

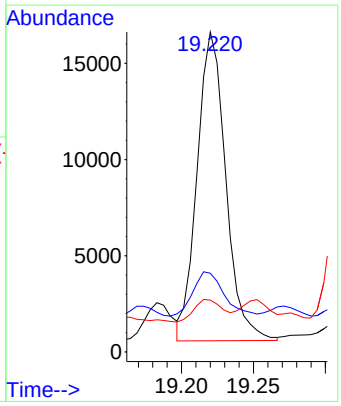


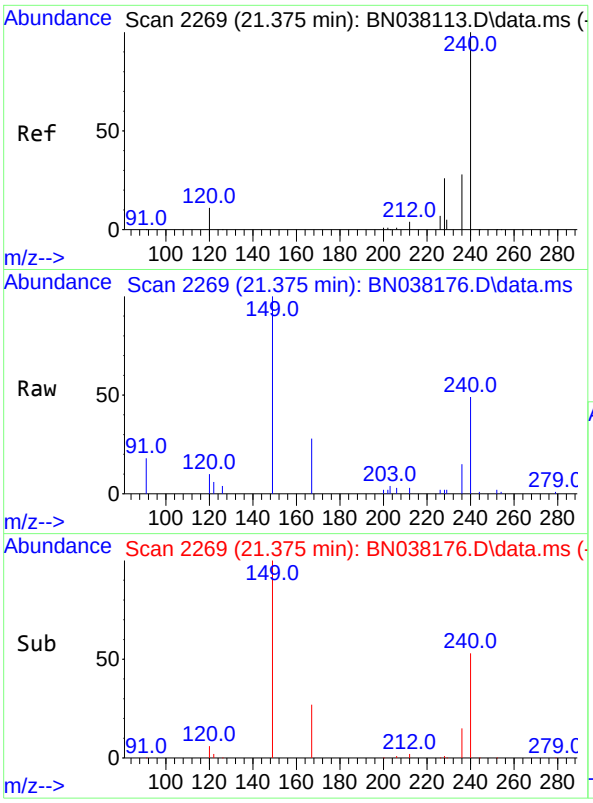


#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:212 Resp: 22271

Ion	Ratio	Lower	Upper
212	100		
106	19.1	12.6	19.0#
104	7.9	7.1	10.7



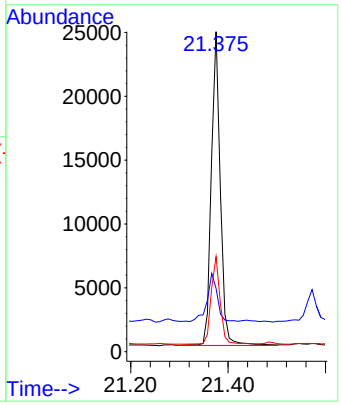


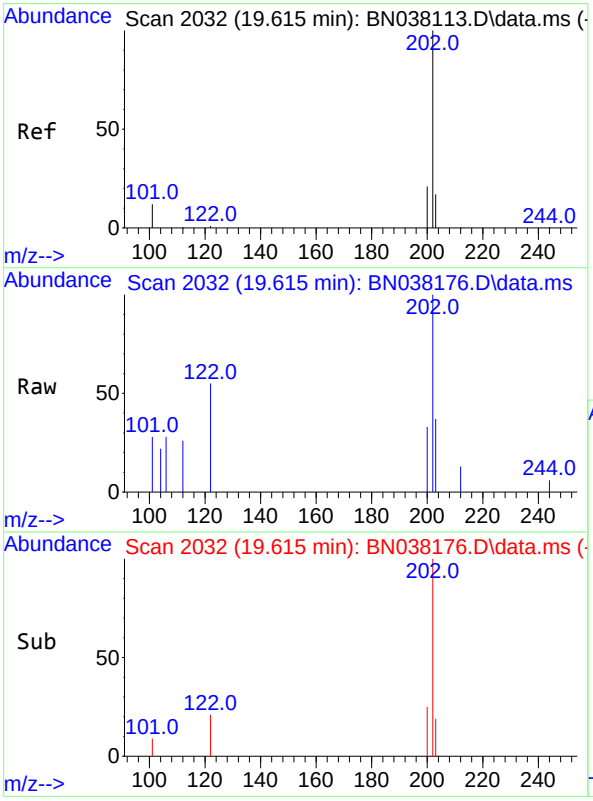
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:240 Resp: 31483

Ion	Ratio	Lower	Upper
240	100		
120	19.7	10.7	16.1#
236	29.7	23.1	34.7

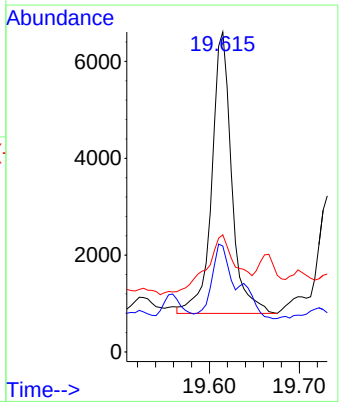


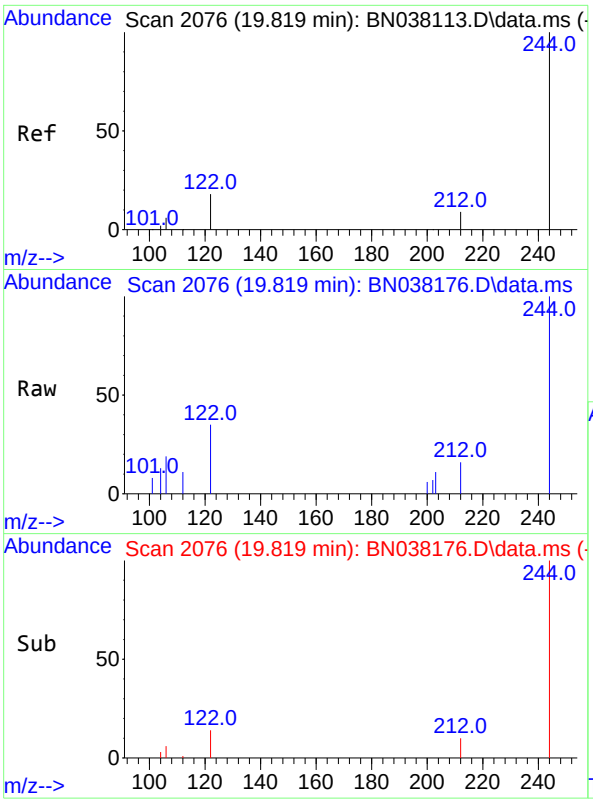


#30
Pyrene
Concen: 0.062 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:202 Resp: 8875

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	33.3	14.2	21.2#



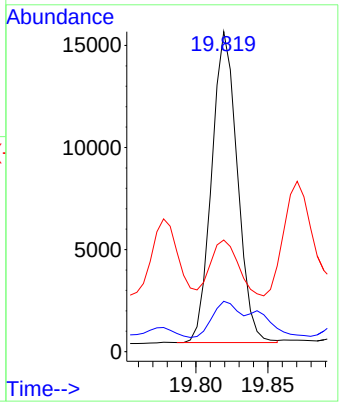


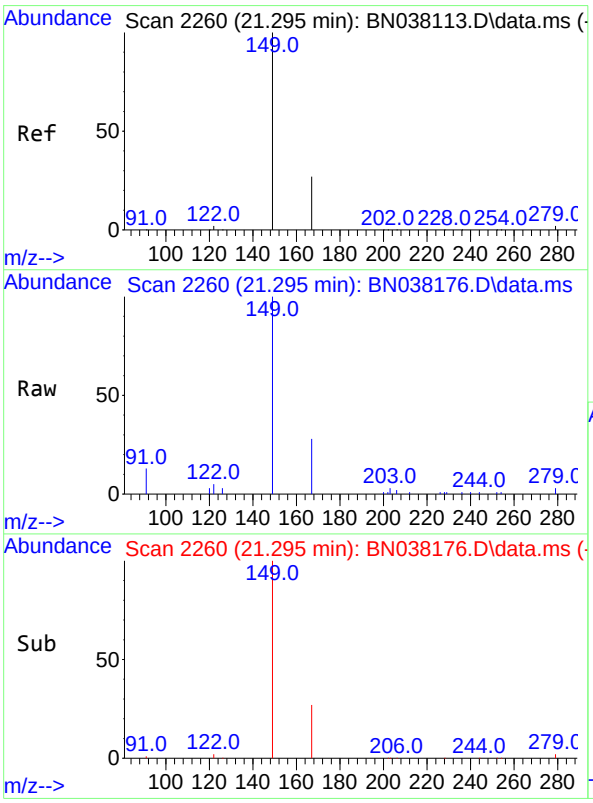
#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:244 Resp: 18892

Ion	Ratio	Lower	Upper
244	100		
212	15.8	7.8	11.6#
122	34.9	15.2	22.8#

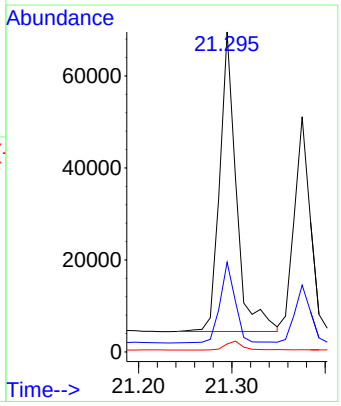


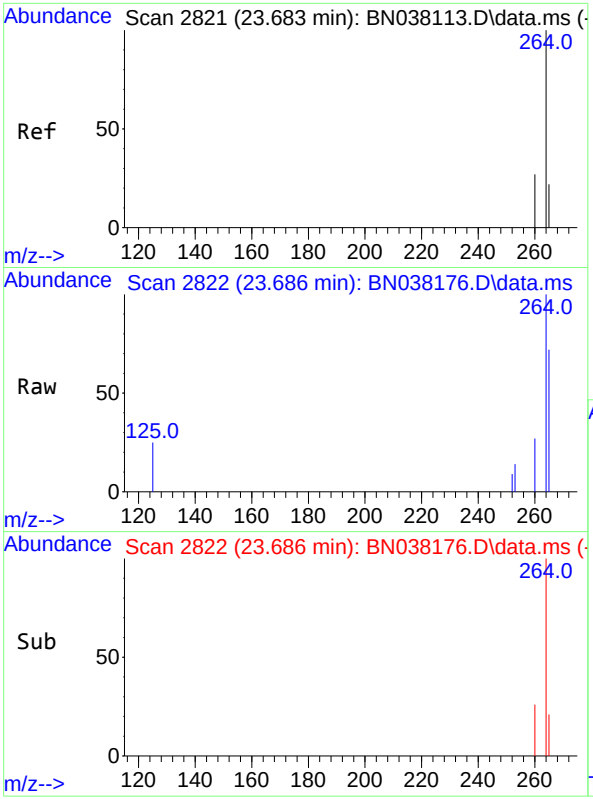


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.357 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:149 Resp: 80278

Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.1	31.7
279	3.2	2.9	4.3



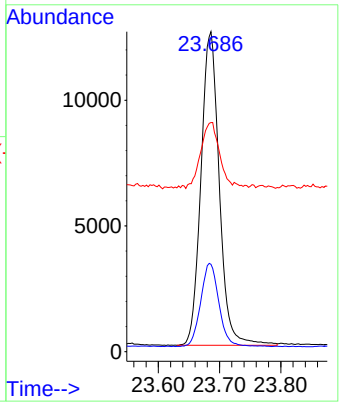


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Tgt Ion:264 Resp: 25895

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	71.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038158.D
Acq On : 07 Nov 2025 17:21
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Quant Time: Nov 08 03:04:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

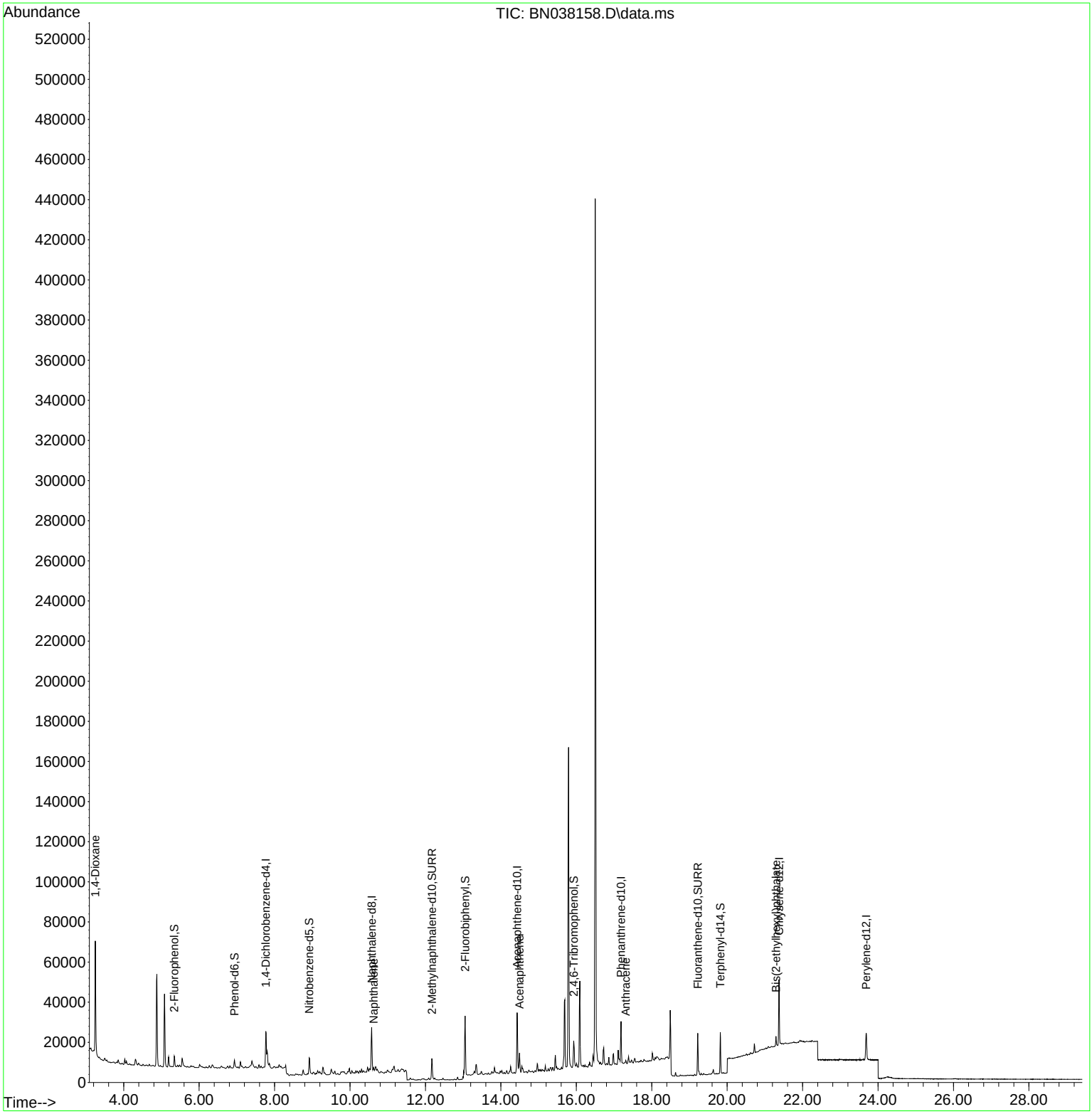
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8893	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29066	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	16810	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27804	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18112	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	18619	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3988	0.190	ng	0.00
5) Phenol-d6	6.937	99	3520	0.138	ng	0.00
8) Nitrobenzene-d5	8.918	82	7725	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13707	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2721	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24120	0.358	ng	0.00
27) Fluoranthene-d10	19.220	212	22540	0.321	ng	0.00
31) Terphenyl-d14	19.819	244	18125	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	32518	3.539	ng	# 86
9) Naphthalene	10.626	128	2951	0.037	ng	# 81
17) Acenaphthene	14.495	154	4824	0.091	ng	98
26) Anthracene	17.310	178	2151	0.028	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.295	149	4675	0.137	ng	# 97

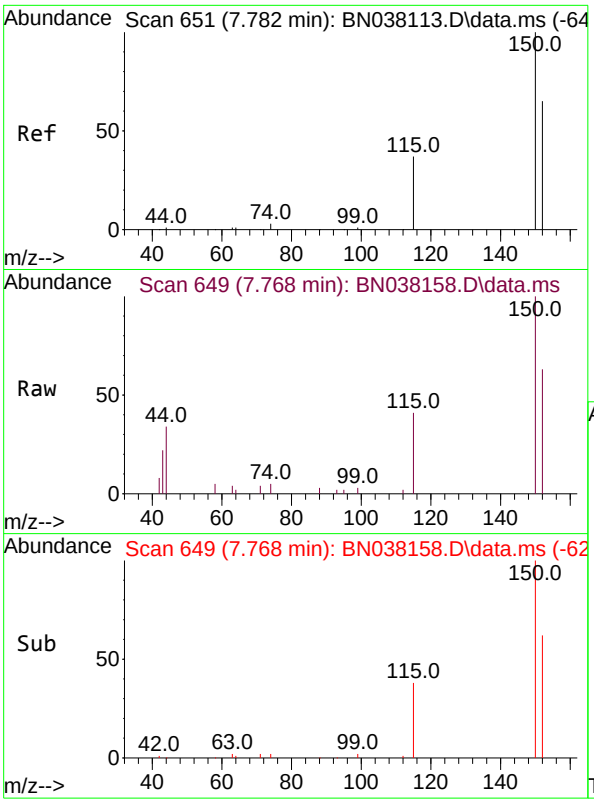
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038158.D
Acq On : 07 Nov 2025 17:21
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Quant Time: Nov 08 03:04:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



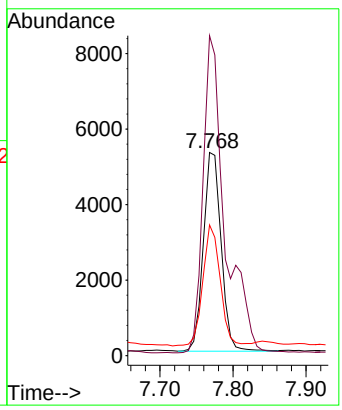


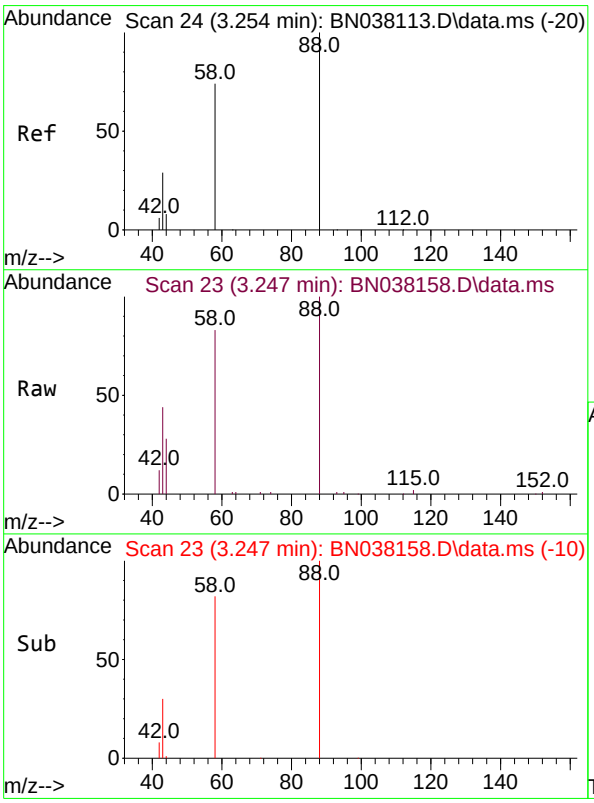
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:152 Resp: 8893

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.3	183.5
115	64.4	47.4	71.0

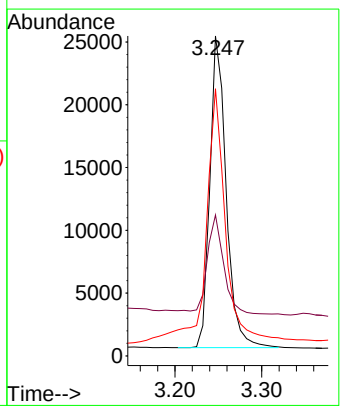


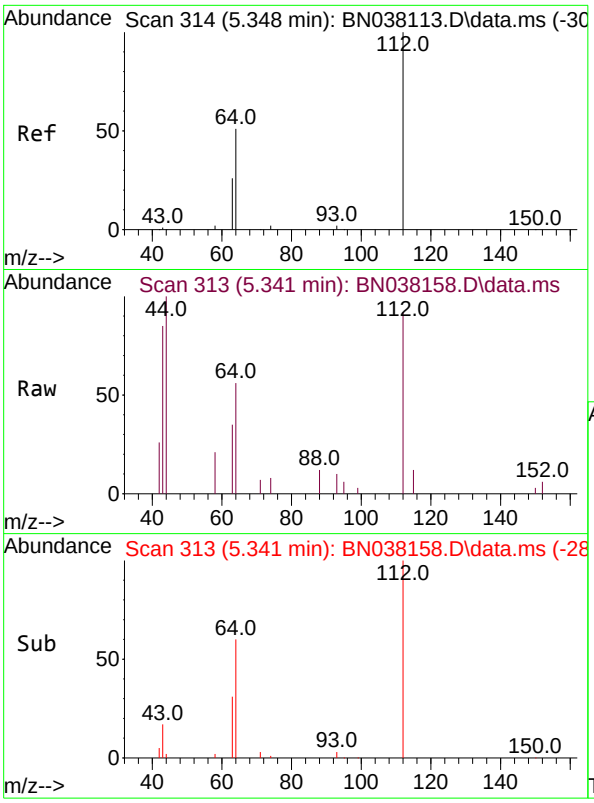


#2
1,4-Dioxane
Concen: 3.539 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion: 88 Resp: 32518

Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.3	36.5
58	91.2	60.4	90.6#



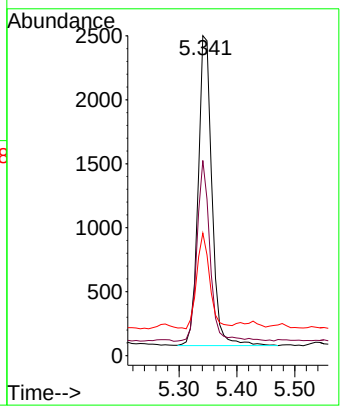


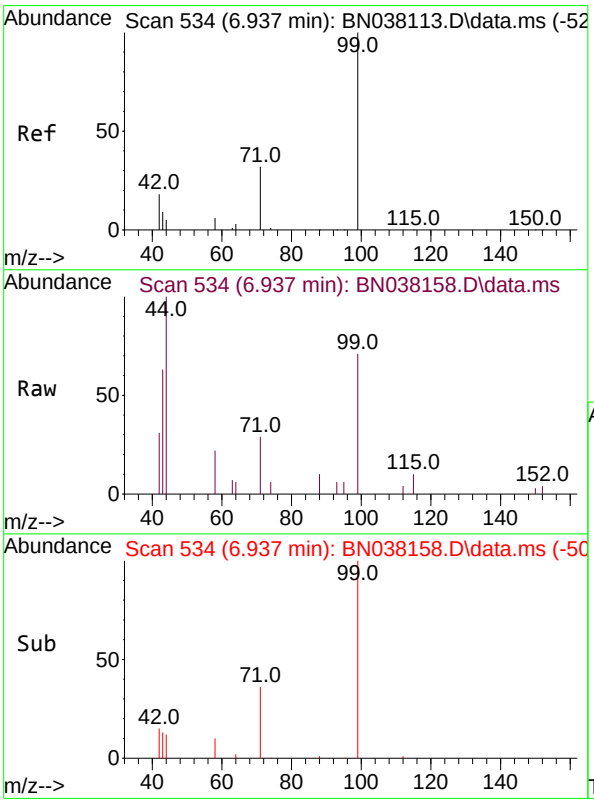
#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:112 Resp: 3988

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.4	68.0
63	28.8	23.2	34.8

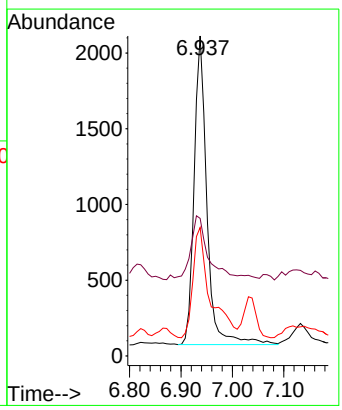


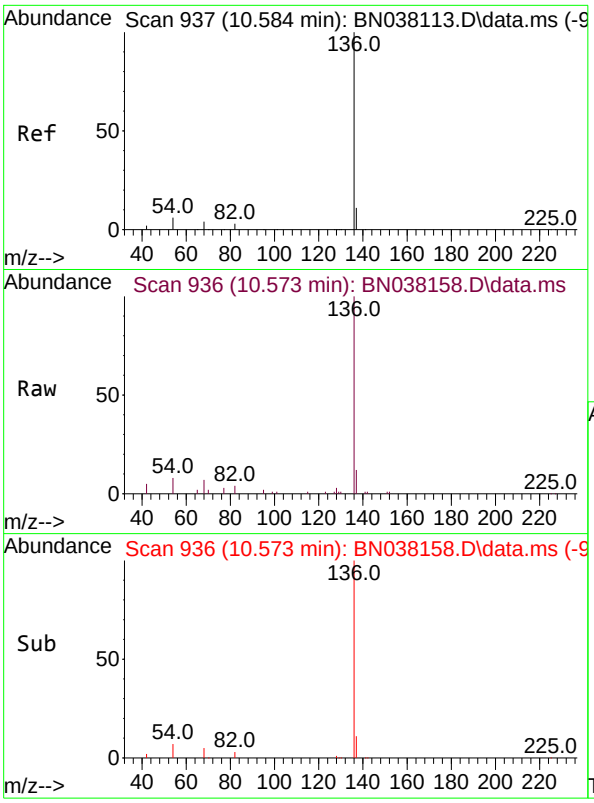


#5
Phenol-d6
Concen: 0.138 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion: 99 Resp: 3520

Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.6	24.8#
71	48.0	25.4	38.2#



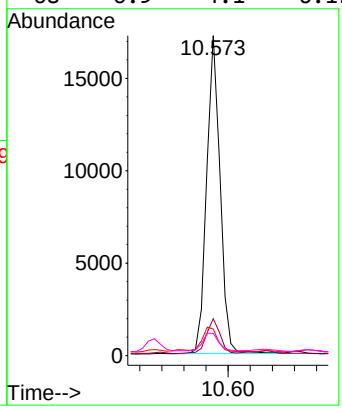


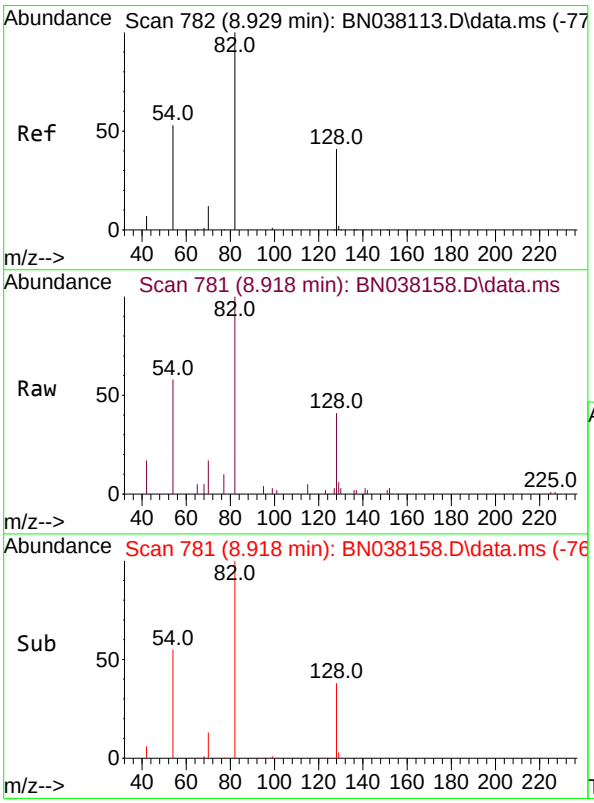
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:136 Resp: 29066

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.3	5.2	7.8#
68	6.9	4.1	6.1#

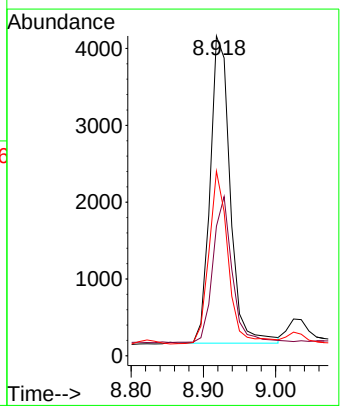


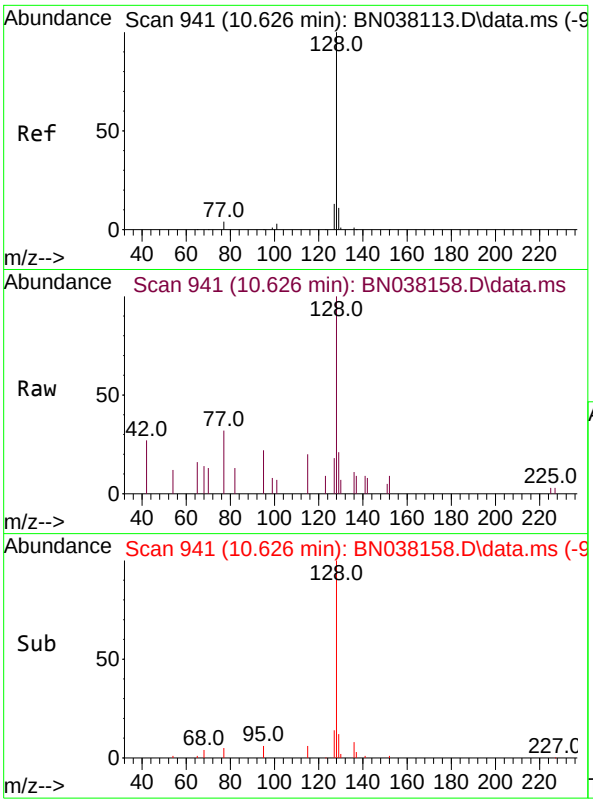


#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion: 82 Resp: 7725

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.1	51.1
54	57.7	43.5	65.3



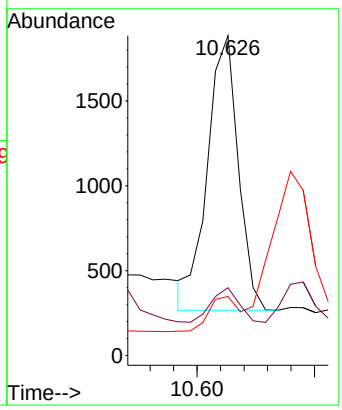


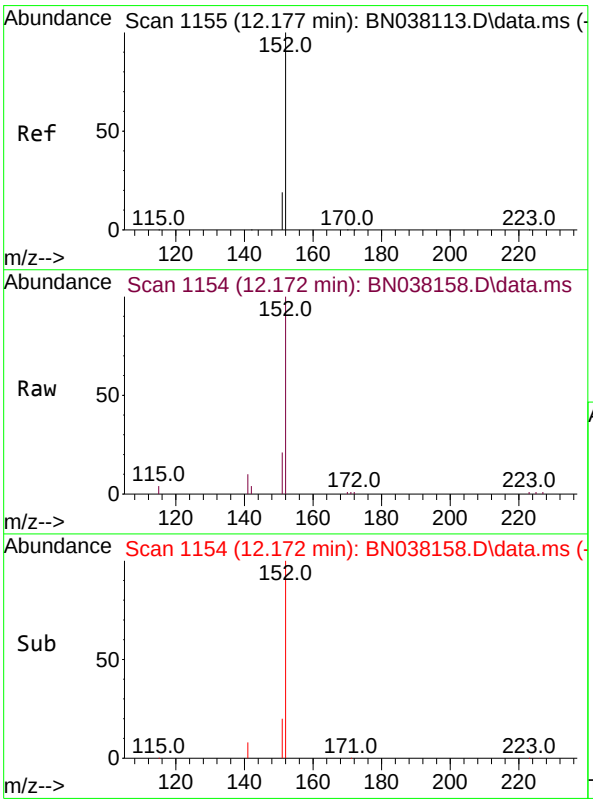
#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:128 Resp: 2951

Ion	Ratio	Lower	Upper
128	100		
129	21.2	9.1	13.7#
127	18.5	10.5	15.7#

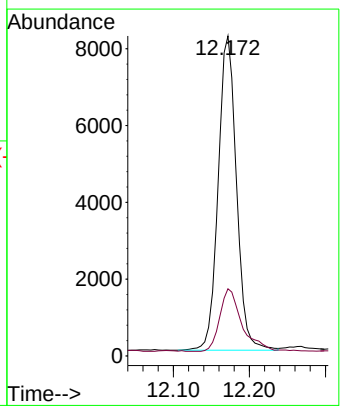


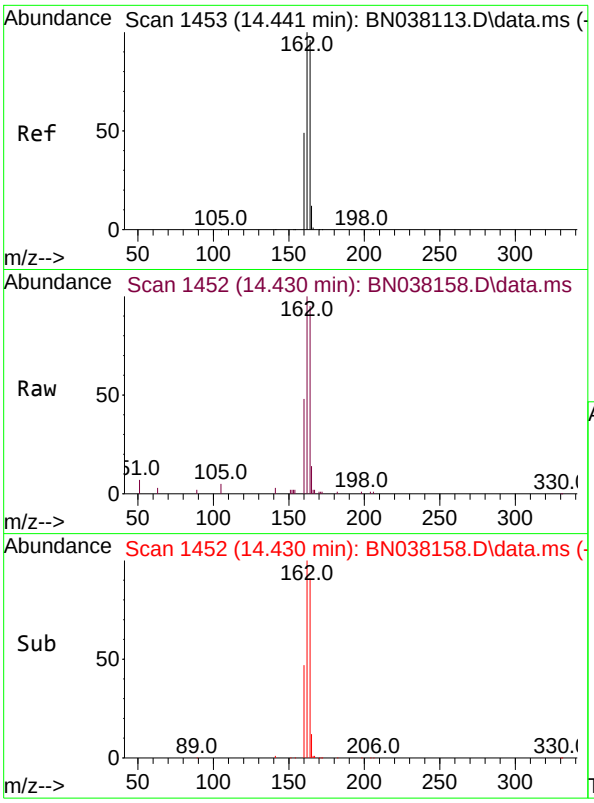


#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:152 Resp: 13707

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.8	25.2



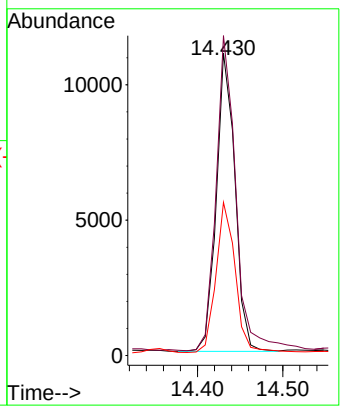


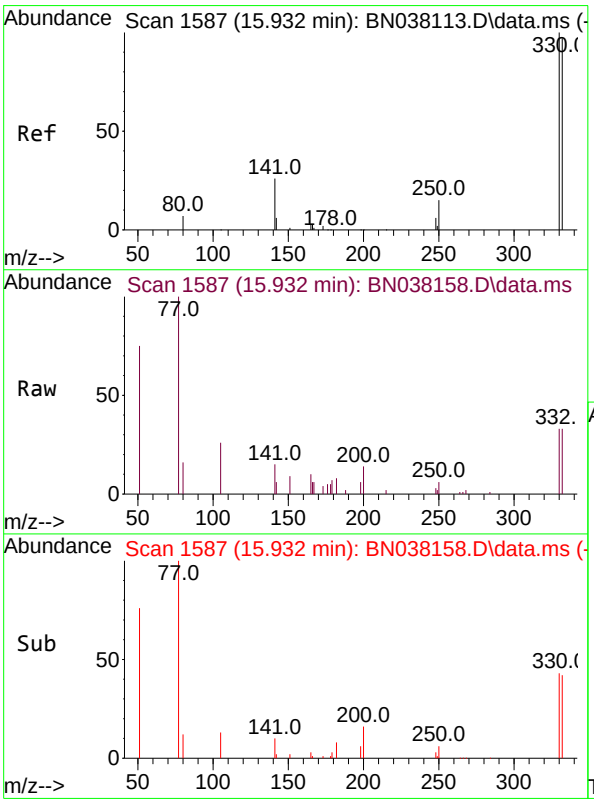
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:164 Resp: 16810

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.4
160	50.6	40.7	61.1

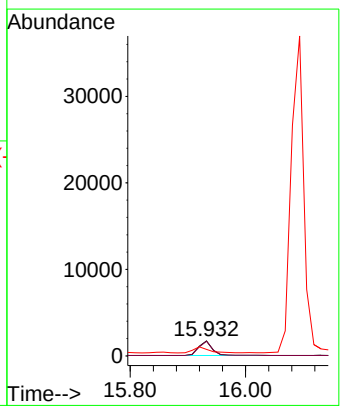


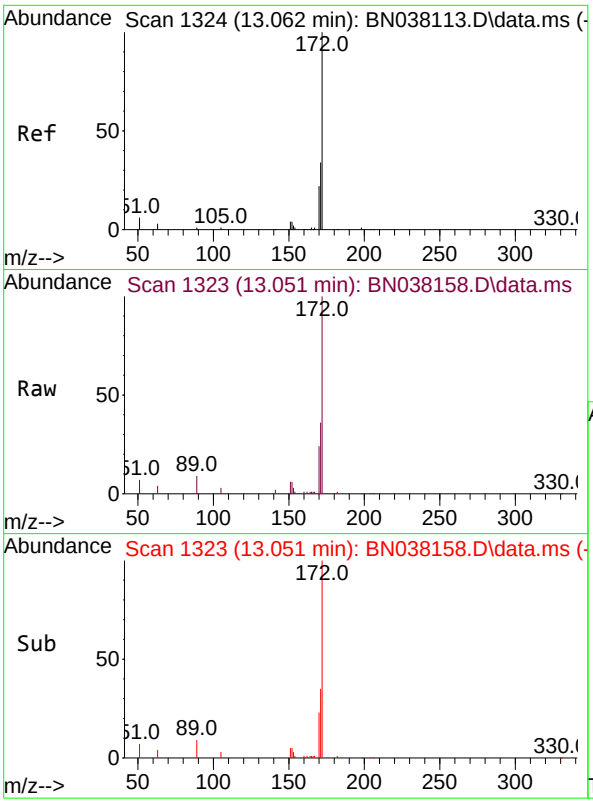


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:330 Resp: 2721

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	48.0	34.1	51.1



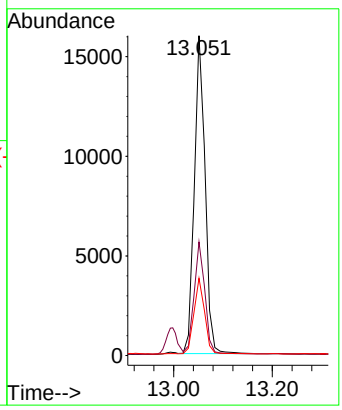


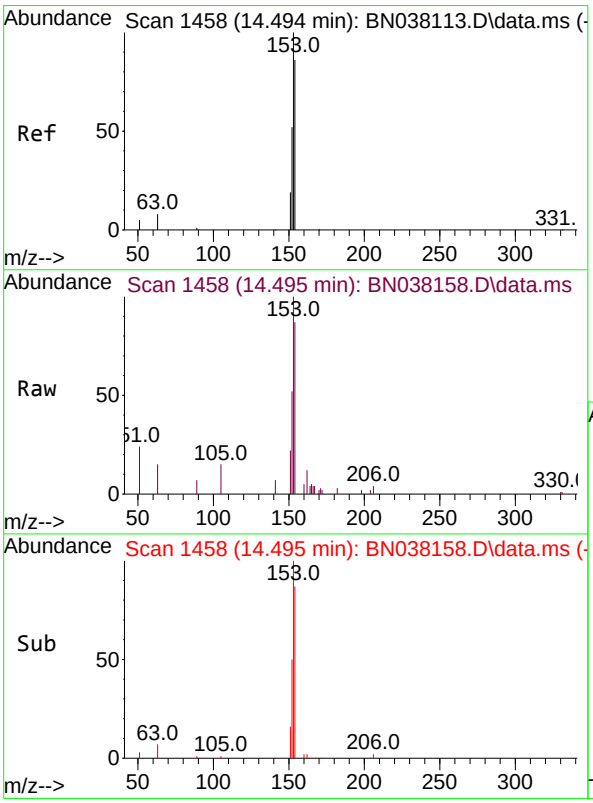
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:172 Resp: 24120

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.2	18.1	27.1

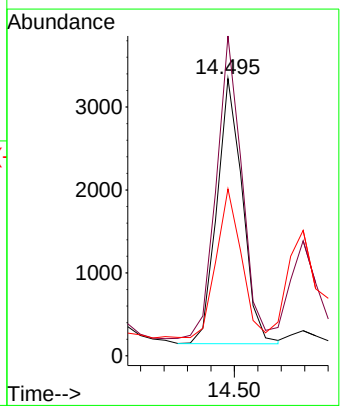


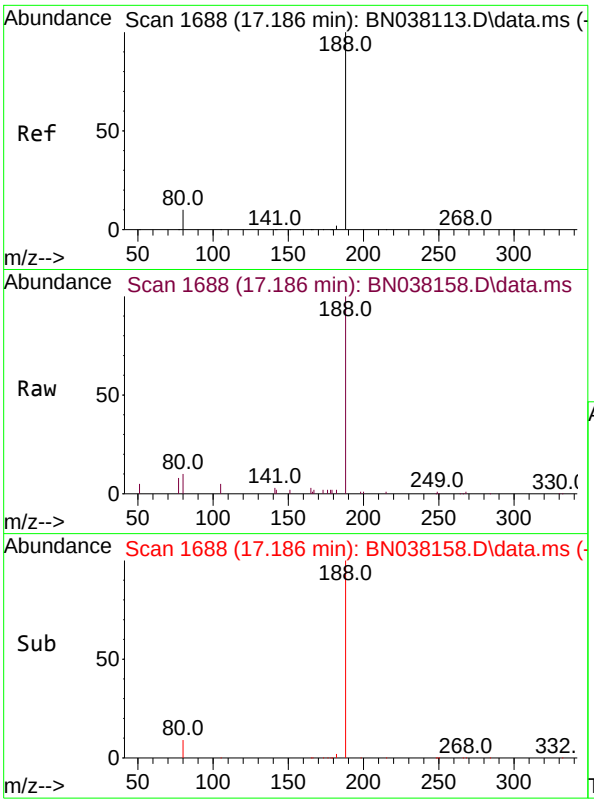


#17
Acenaphthene
Concen: 0.091 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:154 Resp: 4824

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.0	135.0
152	55.6	47.3	70.9



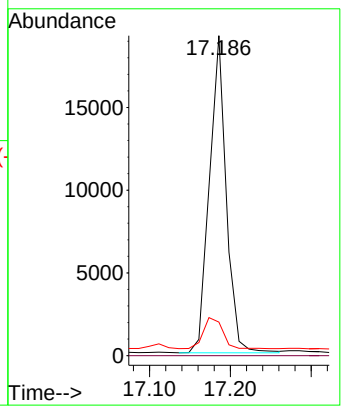


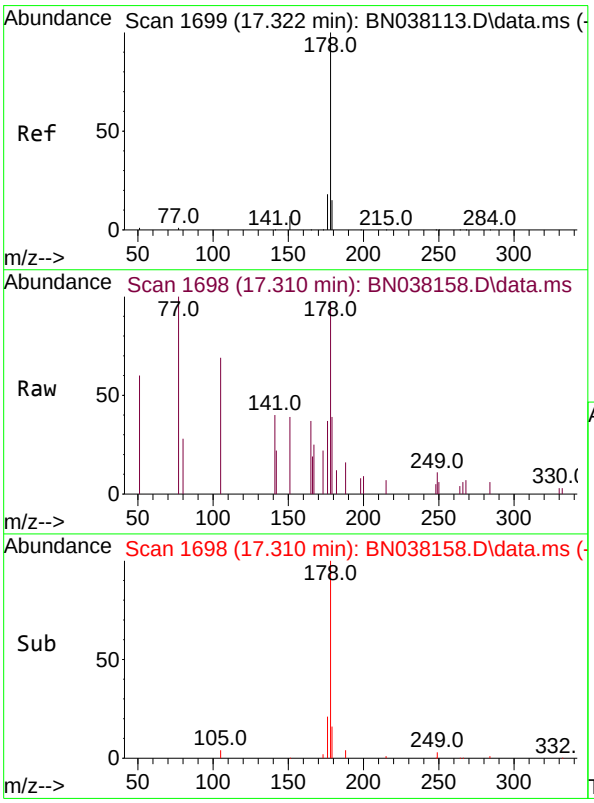
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:188 Resp: 27804

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.6	13.0

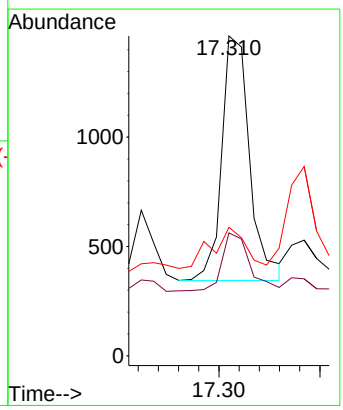


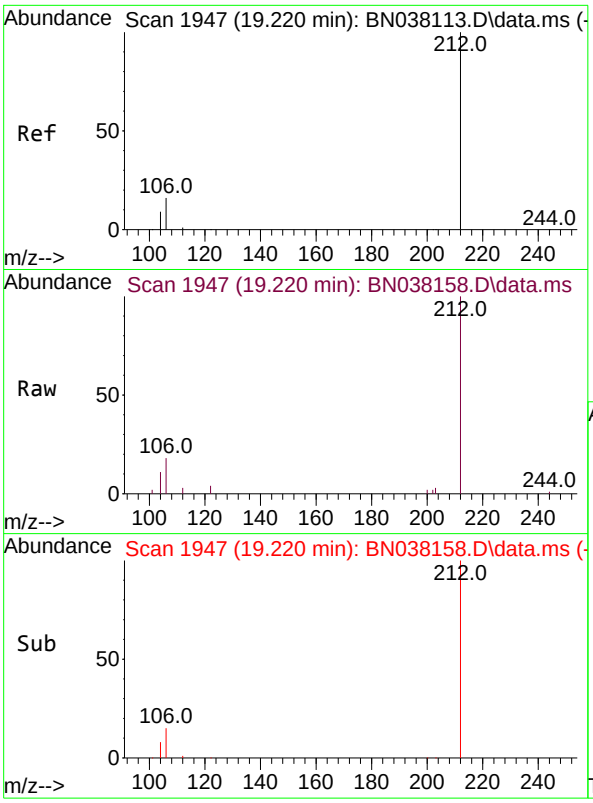


#26
Anthracene
Concen: 0.028 ng
RT: 17.310 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:178 Resp: 2151

Ion	Ratio	Lower	Upper
178	100		
176	23.2	14.9	22.3#
179	20.1	11.8	17.8#



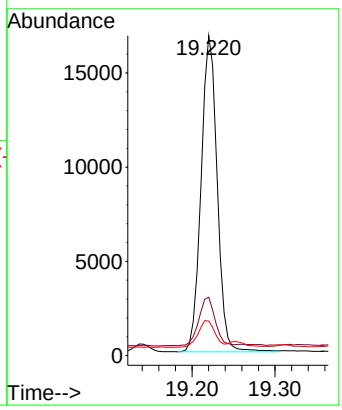


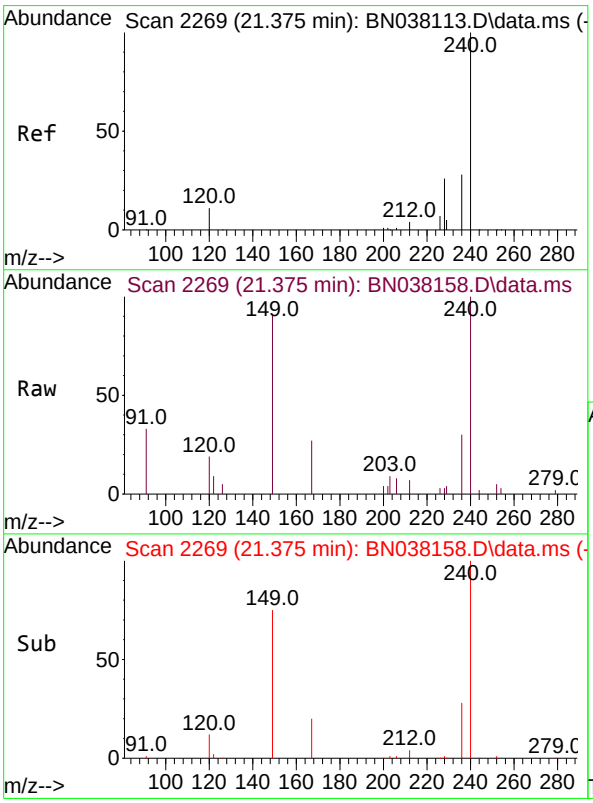
#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:212 Resp: 22540

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.8	7.1	10.7

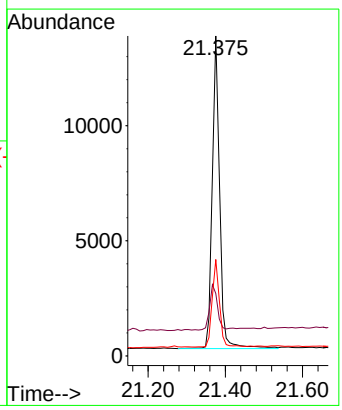


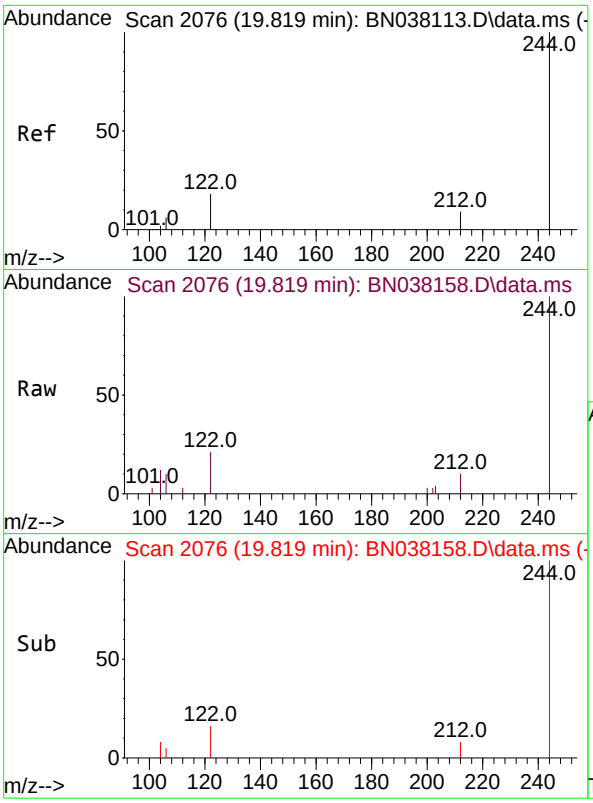


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:240 Resp: 18112

Ion	Ratio	Lower	Upper
240	100		
120	19.5	10.7	16.1#
236	30.1	23.1	34.7



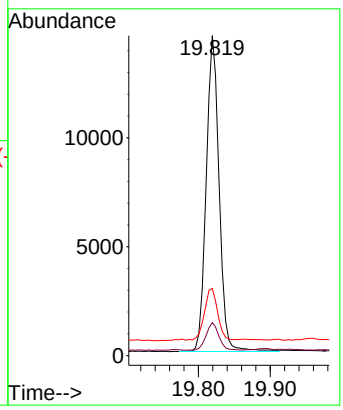


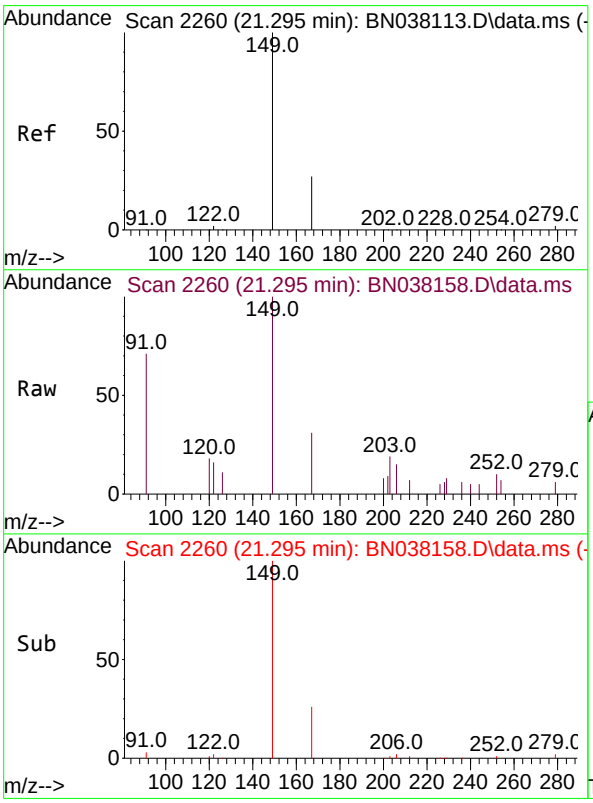
#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:244 Resp: 18125

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.8	11.6
122	21.0	15.2	22.8

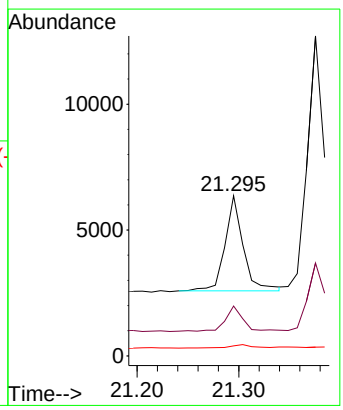


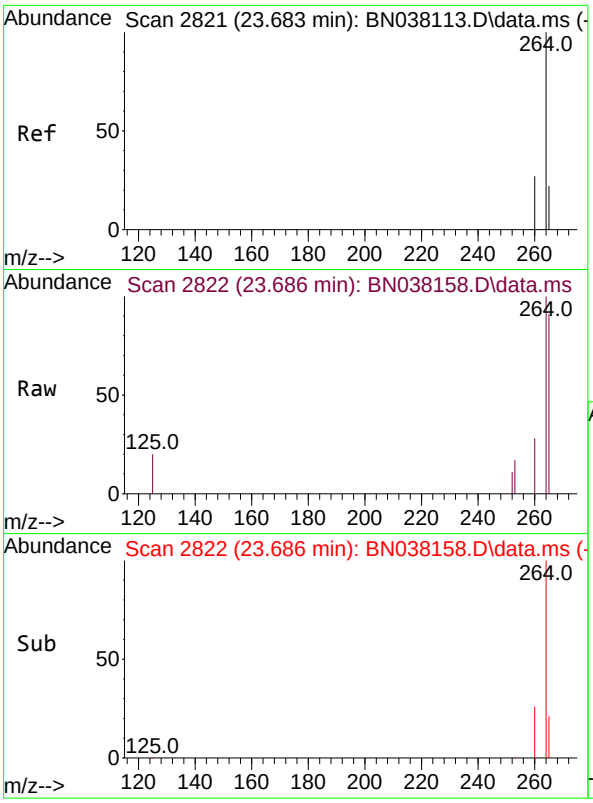


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.137 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:149 Resp: 4675

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.1	31.7
279	4.9	2.9	4.3#



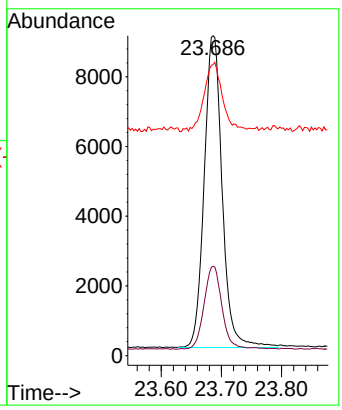


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Instrument :
BNA_N
ClientSampleId :
MW-EB-2

Tgt Ion:264 Resp: 18619

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.8	32.8
265	90.9	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038159.D
Acq On : 07 Nov 2025 17:58
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Quant Time: Nov 08 03:05:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

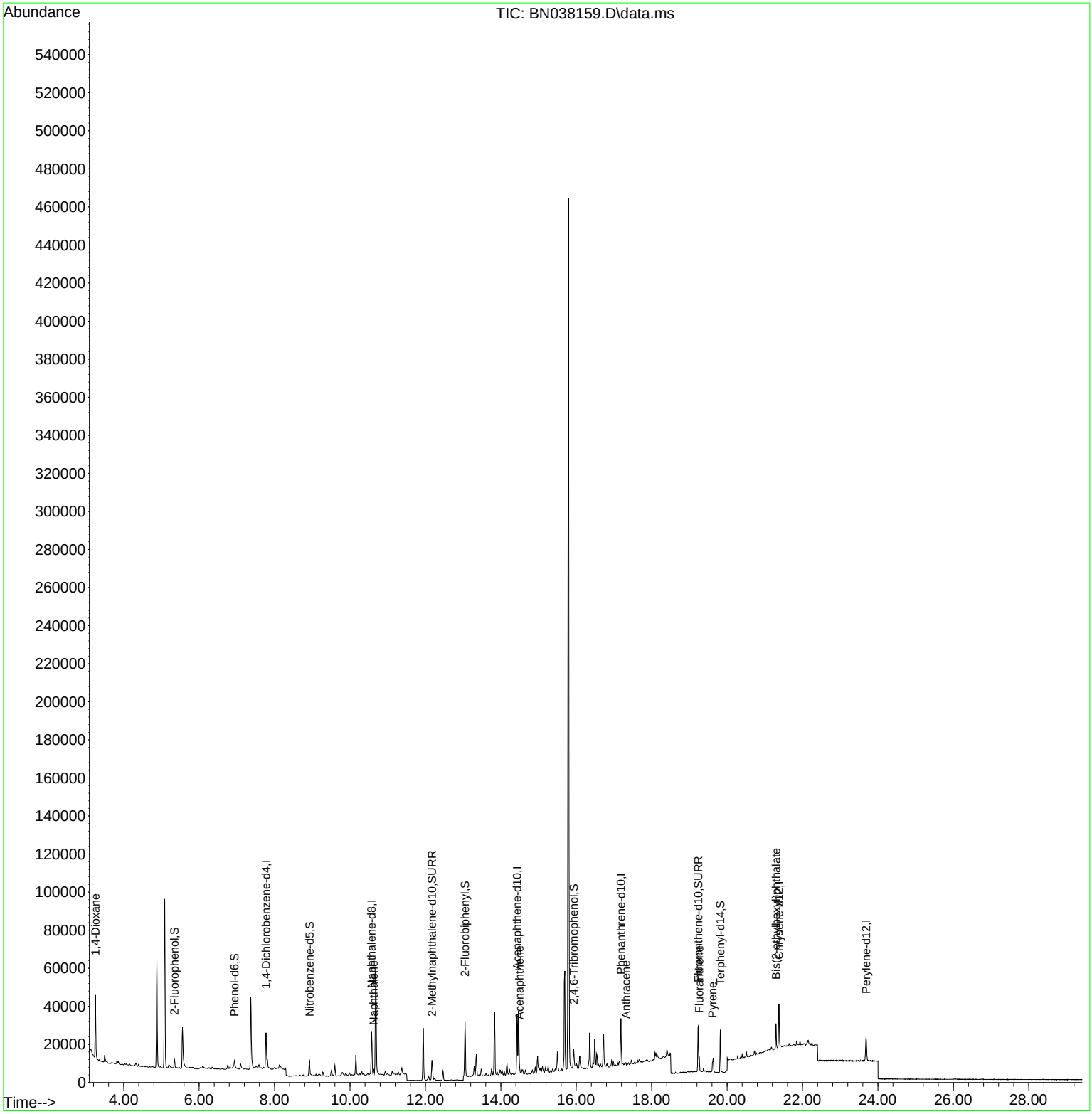
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9137	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	30158	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18614	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32744	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18258	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	17319	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3536	0.164	ng	0.00
5) Phenol-d6	6.937	99	3445	0.131	ng	0.00
8) Nitrobenzene-d5	8.929	82	6804	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	12636	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	3294	0.430	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23012	0.309	ng	0.00
27) Fluoranthene-d10	19.234	212	25680	0.311	ng	0.01
31) Terphenyl-d14	19.819	244	21461	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	21027	2.227	ng	99
9) Naphthalene	10.626	128	3732	0.045	ng	# 88
17) Acenaphthene	14.494	154	1942	0.033	ng	# 80
26) Anthracene	17.322	178	1917	0.021	ng	# 79
28) Fluoranthene	19.262	202	5681	0.049	ng	# 88
30) Pyrene	19.615	202	4139	0.050	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.295	149	12875	0.375	ng	97

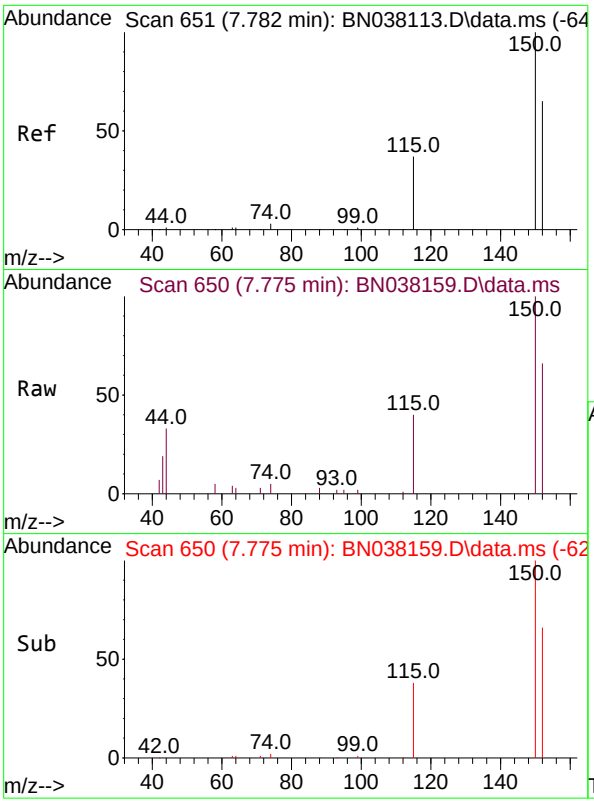
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038159.D
Acq On : 07 Nov 2025 17:58
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Quant Time: Nov 08 03:05:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



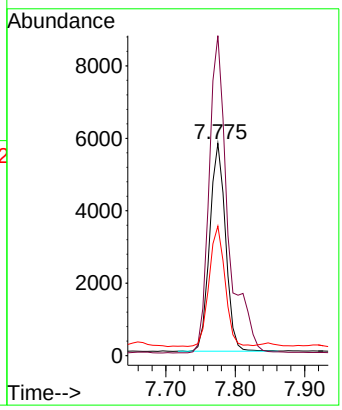


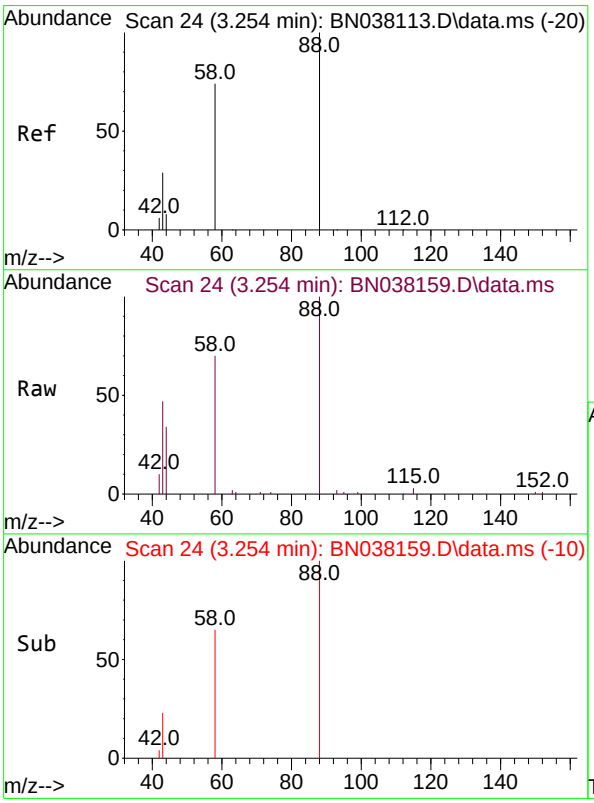
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:152 Resp: 9137

Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.3	183.5
115	61.0	47.4	71.0

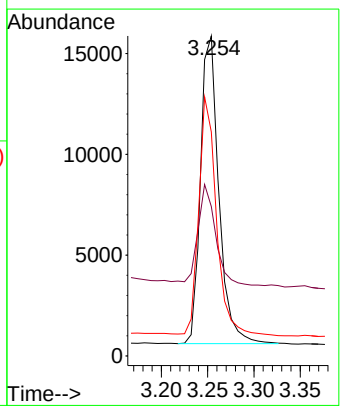


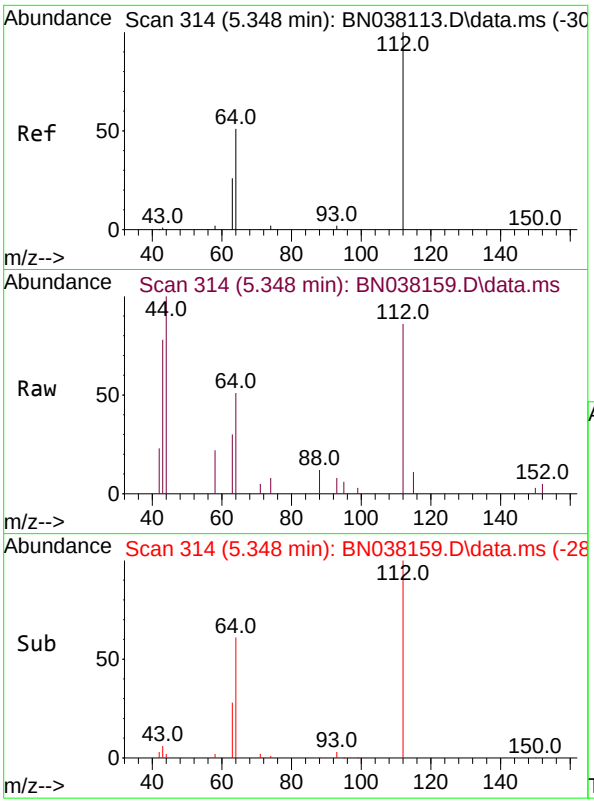


#2
1,4-Dioxane
Concen: 2.227 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion: 88 Resp: 21027

Ion	Ratio	Lower	Upper
88	100		
43	32.5	24.3	36.5
58	75.1	60.4	90.6



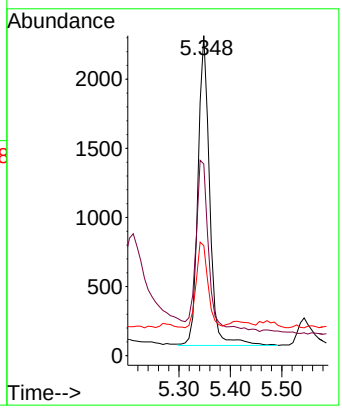


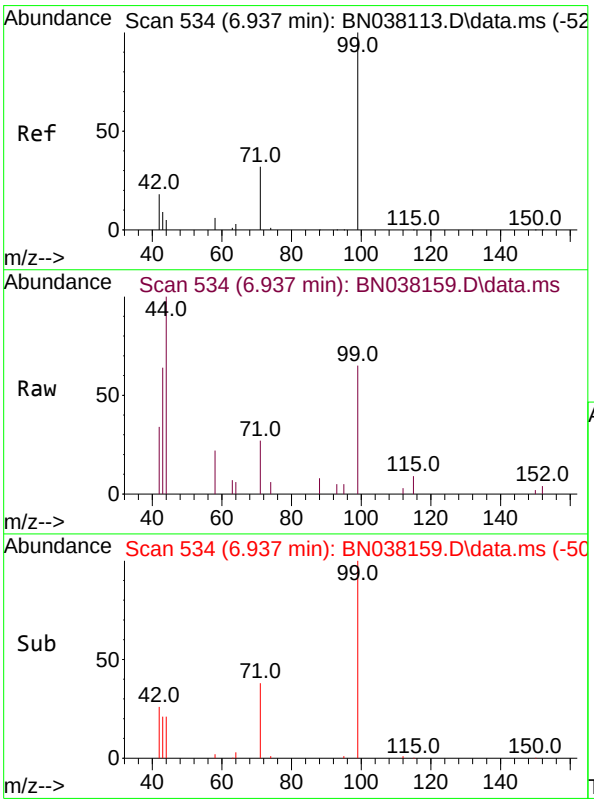
#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:112 Resp: 3536

Ion	Ratio	Lower	Upper
112	100		
64	64.2	45.4	68.0
63	28.2	23.2	34.8

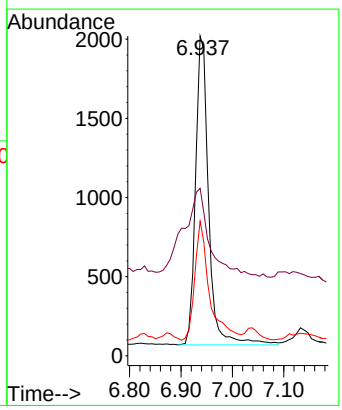


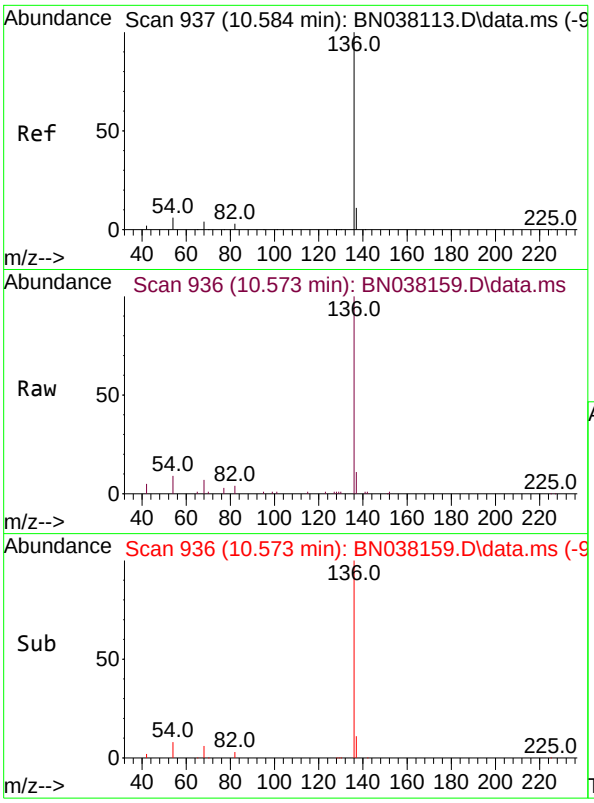


#5
Phenol-d6
Concen: 0.131 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion: 99 Resp: 3445

Ion	Ratio	Lower	Upper
99	100		
42	59.6	16.6	24.8#
71	43.7	25.4	38.2#



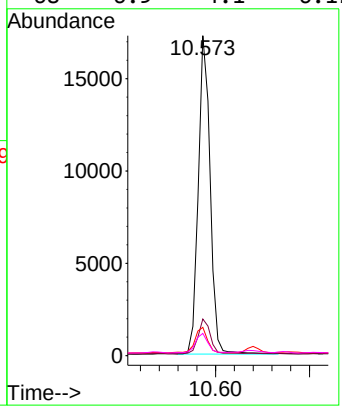


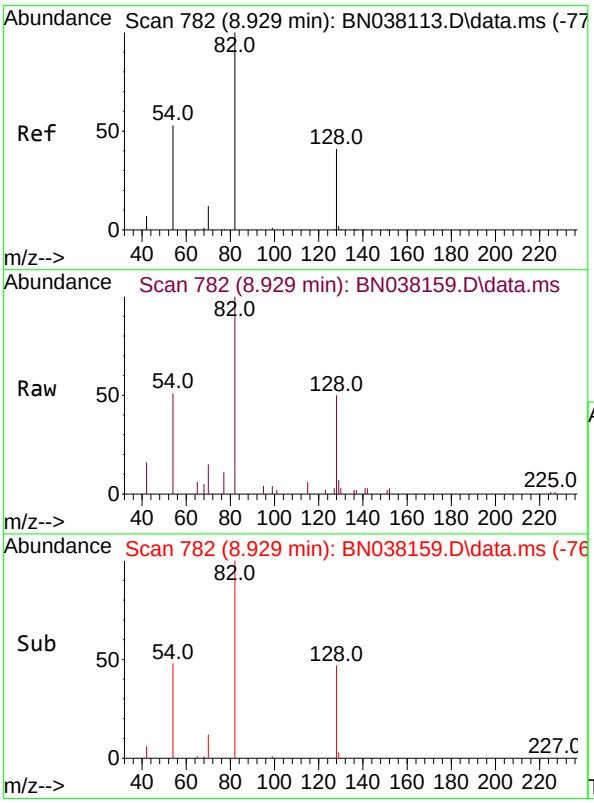
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:136 Resp: 30158

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.8	5.2	7.8#
68	6.9	4.1	6.1#

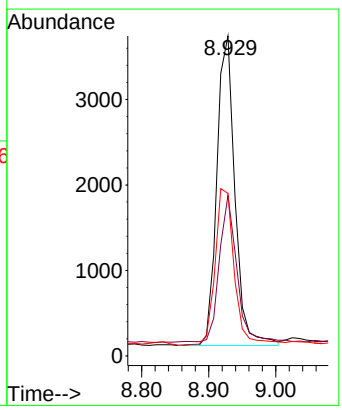


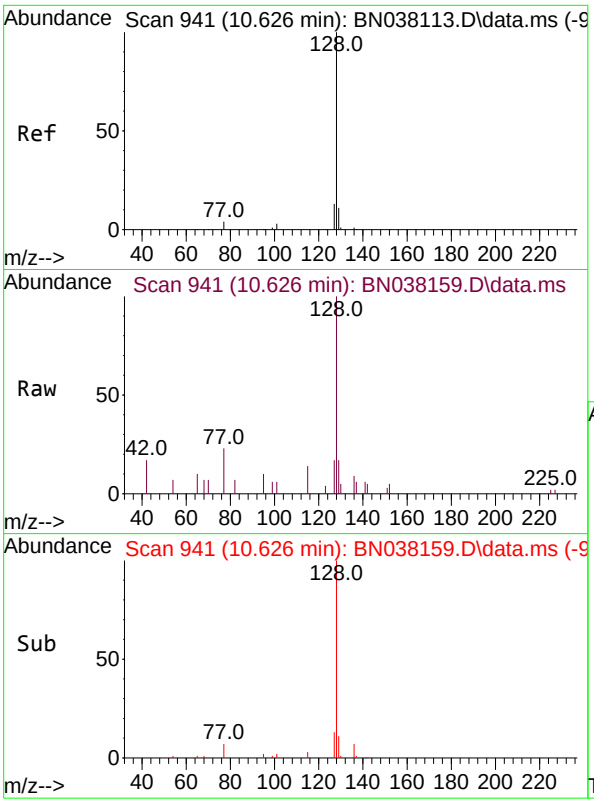


#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion: 82 Resp: 6804

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.1	51.1
54	50.8	43.5	65.3



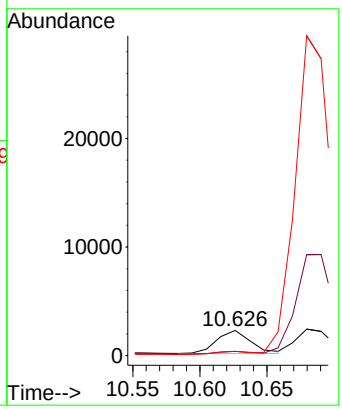


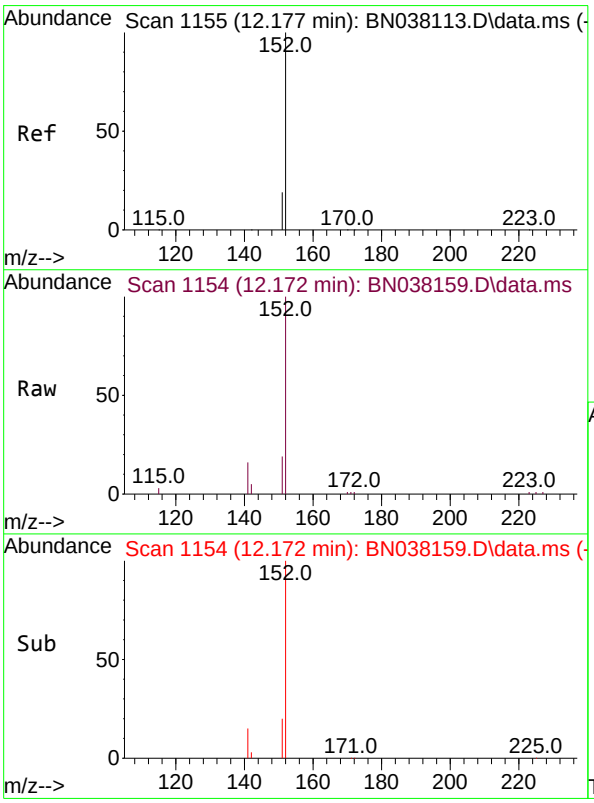
#9
Naphthalene
Concen: 0.045 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:128 Resp: 3732

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.1	13.7#
127	16.7	10.5	15.7#

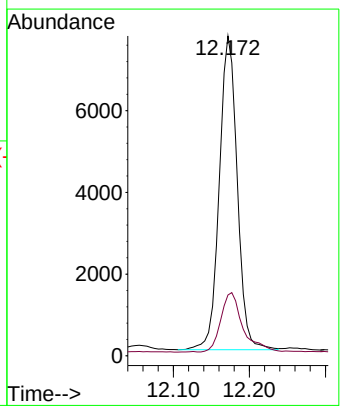


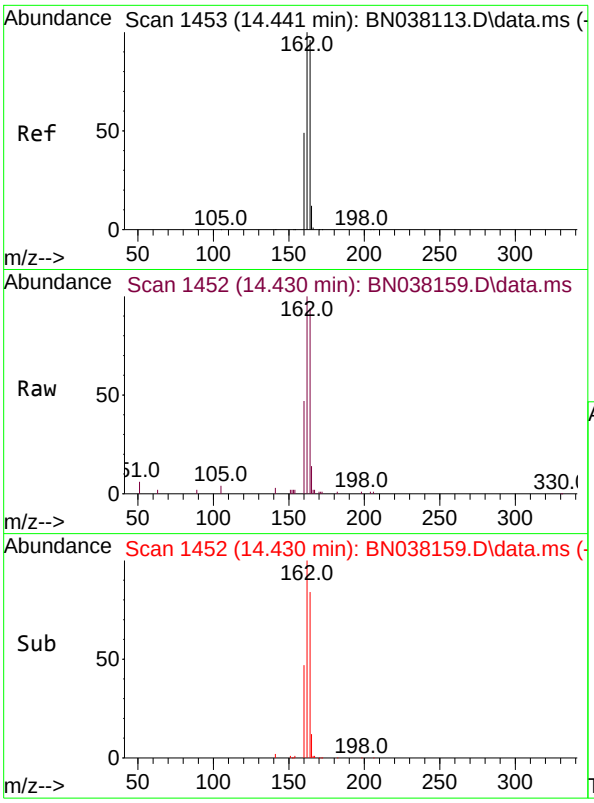


#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:152 Resp: 12636

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.8	25.2



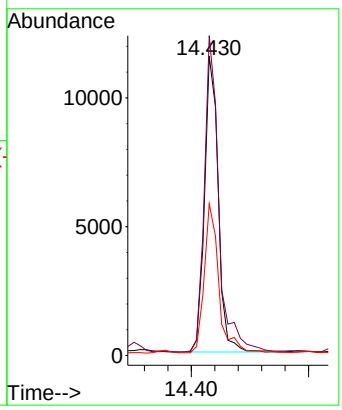


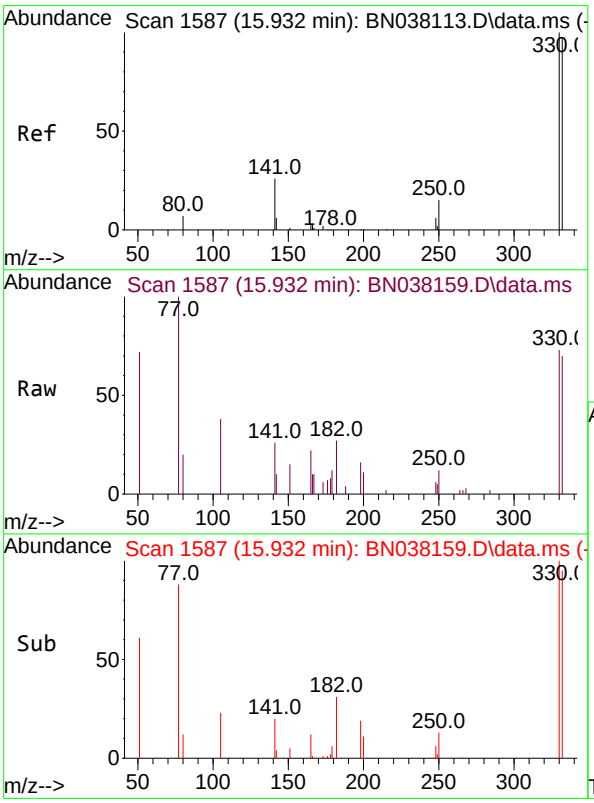
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:164 Resp: 18614

Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.0	124.4
160	50.7	40.7	61.1

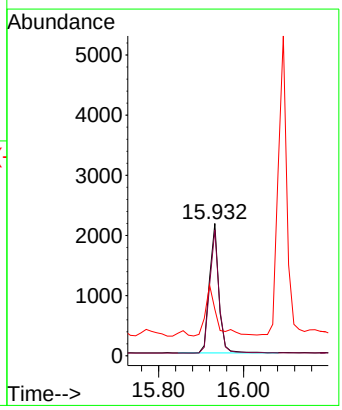


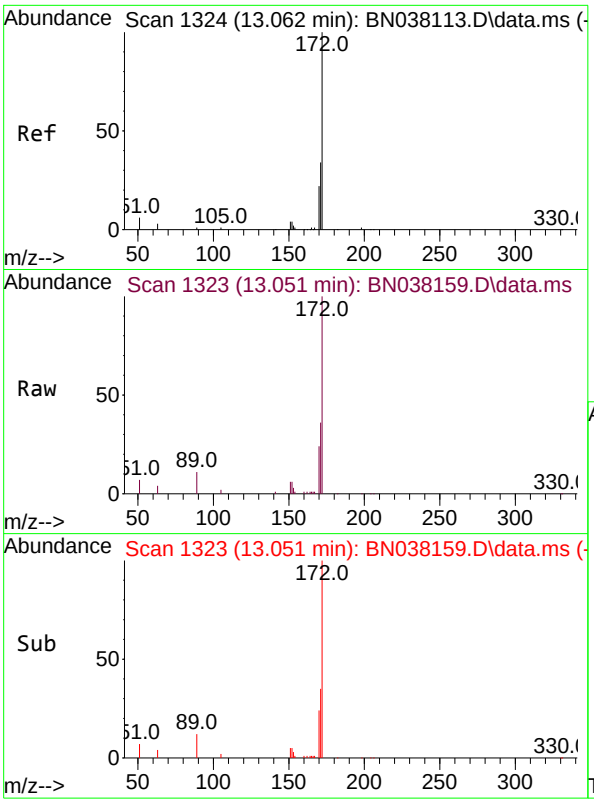


#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:330 Resp: 3294

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	46.2	34.1	51.1



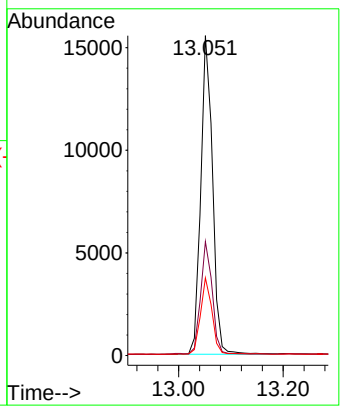


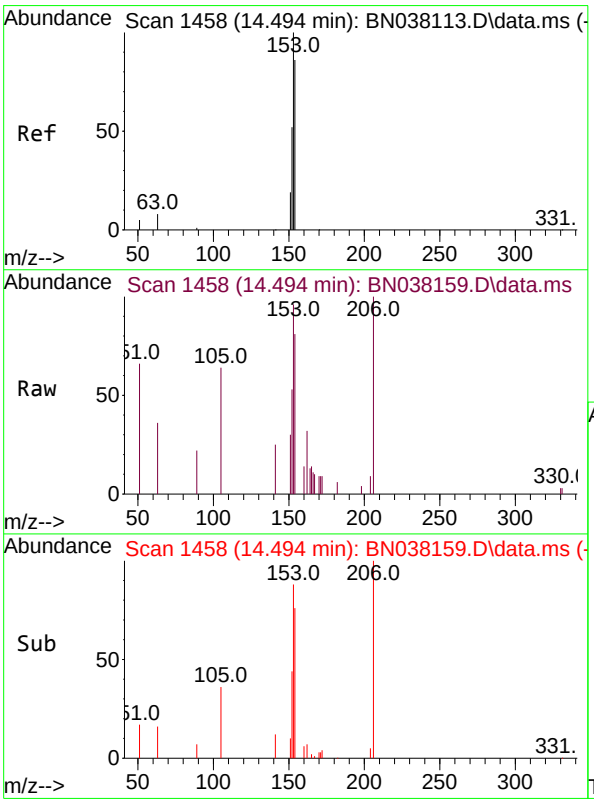
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:172 Resp: 23012

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	24.3	18.1	27.1

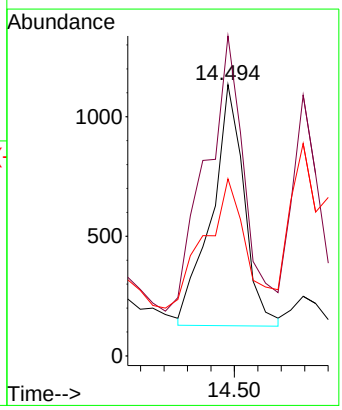


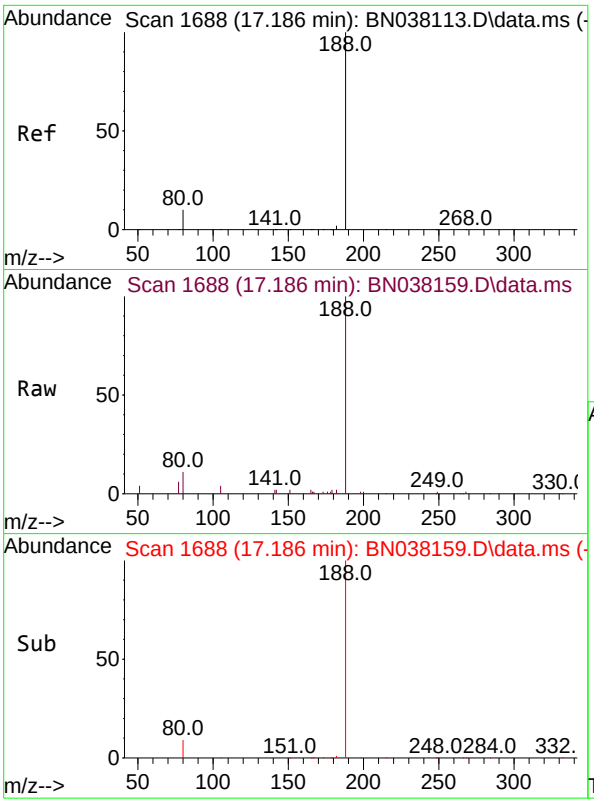


#17
Acenaphthene
Concen: 0.033 ng
RT: 14.494 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:154 Resp: 1942

Ion	Ratio	Lower	Upper
154	100		
153	134.7	90.0	135.0
152	73.1	47.3	70.9#



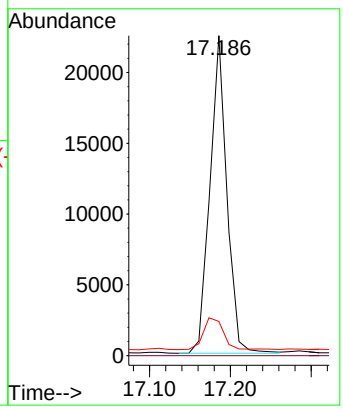


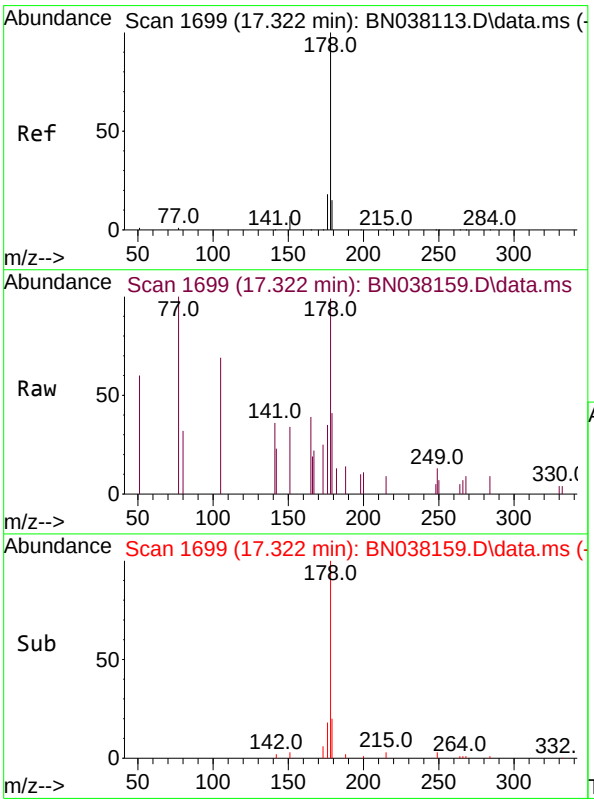
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:188 Resp: 32744

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.6	13.0

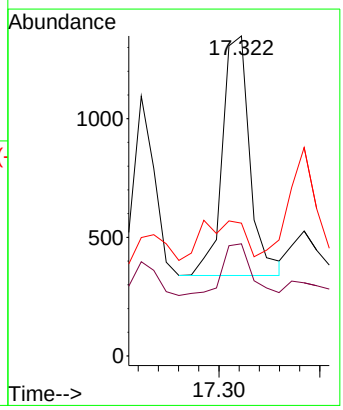


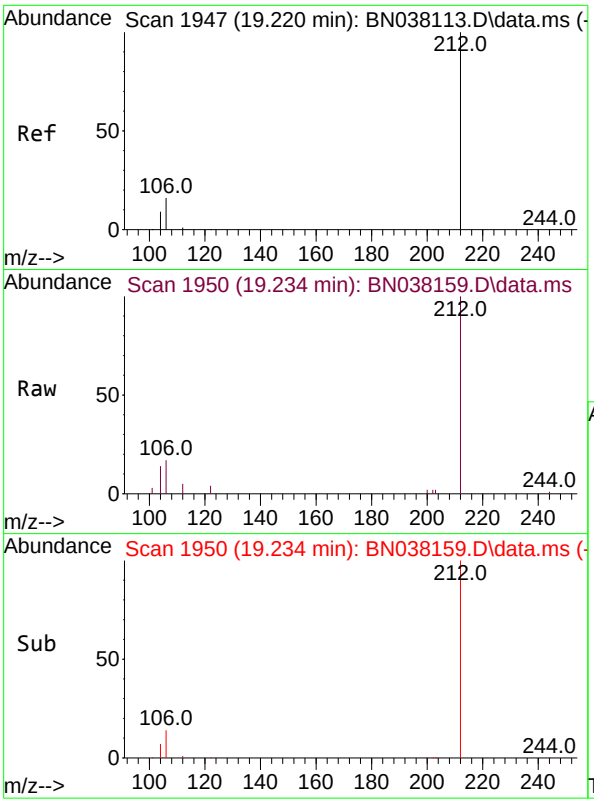


#26
Anthracene
Concen: 0.021 ng
RT: 17.322 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:178 Resp: 1917

Ion	Ratio	Lower	Upper
178	100		
176	22.9	14.9	22.3#
179	0.0	11.8	17.8#



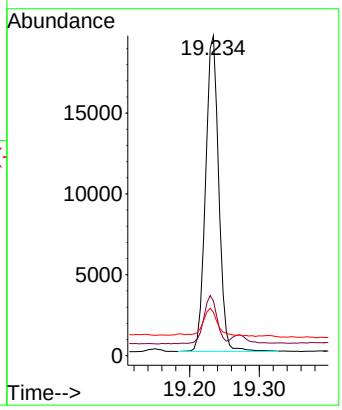


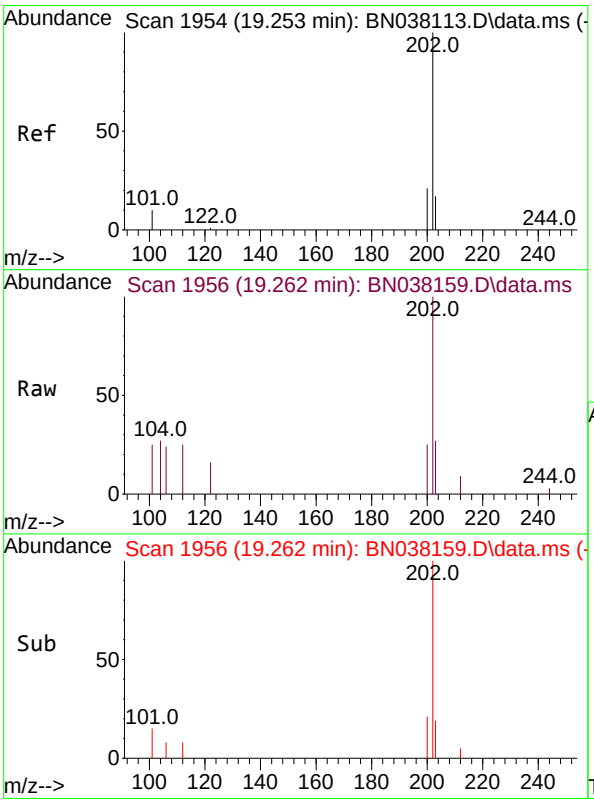
#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.234 min Scan# 19
Delta R.T. 0.014 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:212 Resp: 25680

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	10.0	7.1	10.7

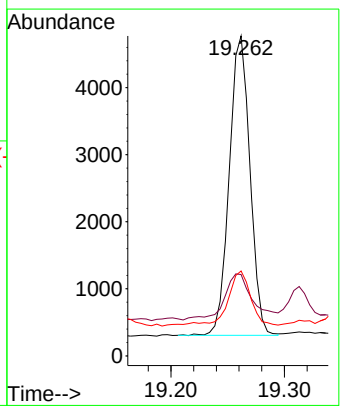


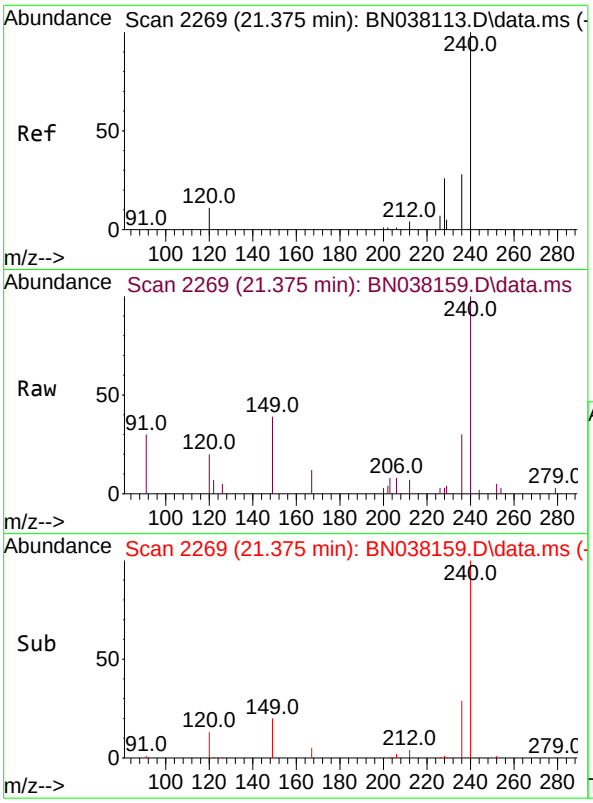


#28
Fluoranthene
Concen: 0.049 ng
RT: 19.262 min Scan# 1956
Delta R.T. 0.009 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:202 Resp: 5681

Ion	Ratio	Lower	Upper
202	100		
101	21.1	9.4	14.2#
203	18.4	13.4	20.2



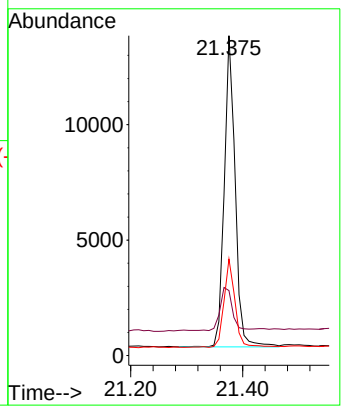


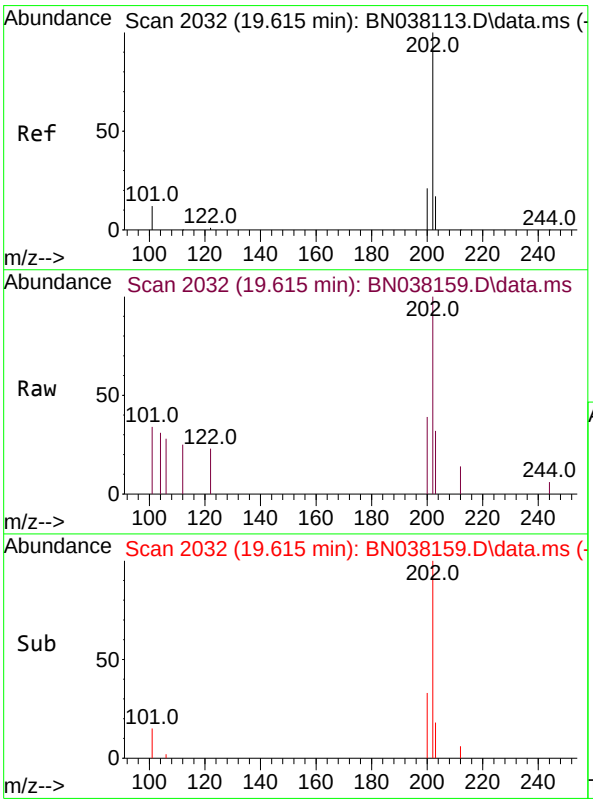
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:240 Resp: 18258

Ion	Ratio	Lower	Upper
240	100		
120	20.3	10.7	16.1#
236	30.2	23.1	34.7

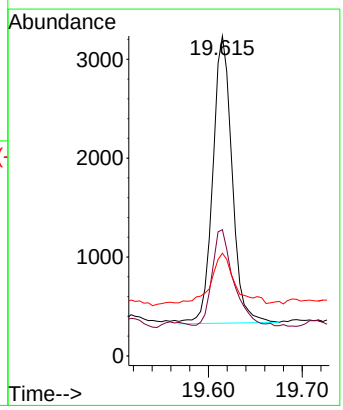


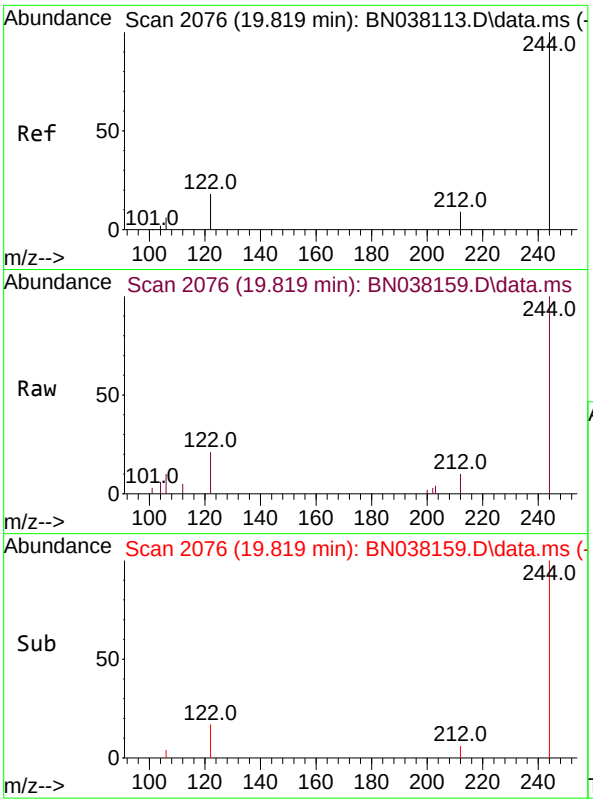


#30
Pyrene
Concen: 0.050 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:202 Resp: 4139

Ion	Ratio	Lower	Upper
202	100		
200	39.0	16.7	25.1#
203	20.1	14.2	21.2



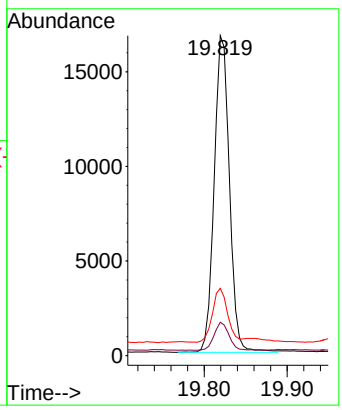


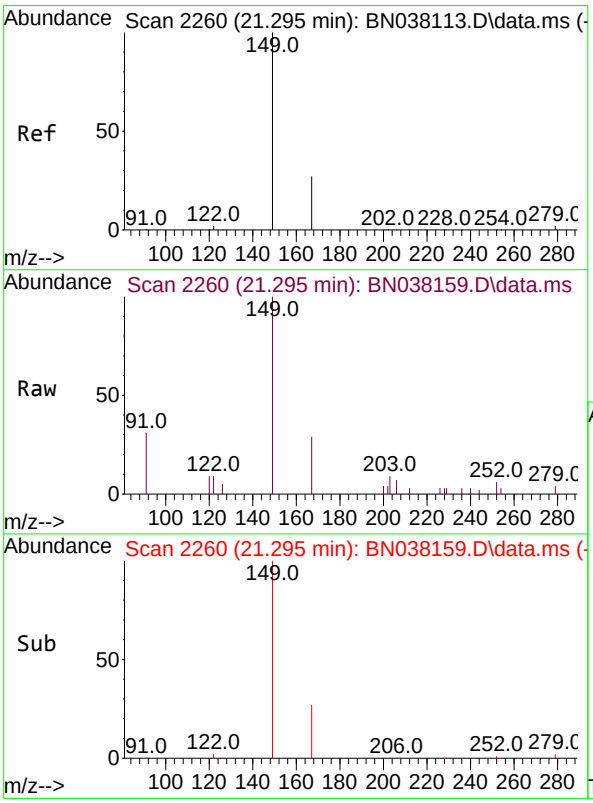
#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:244 Resp: 21461

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.8	11.6
122	21.0	15.2	22.8

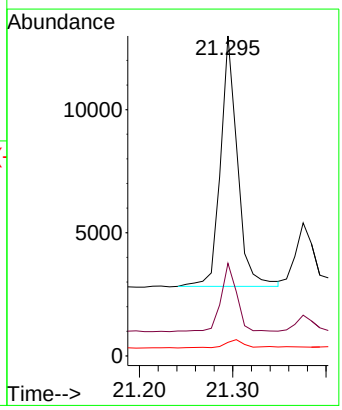


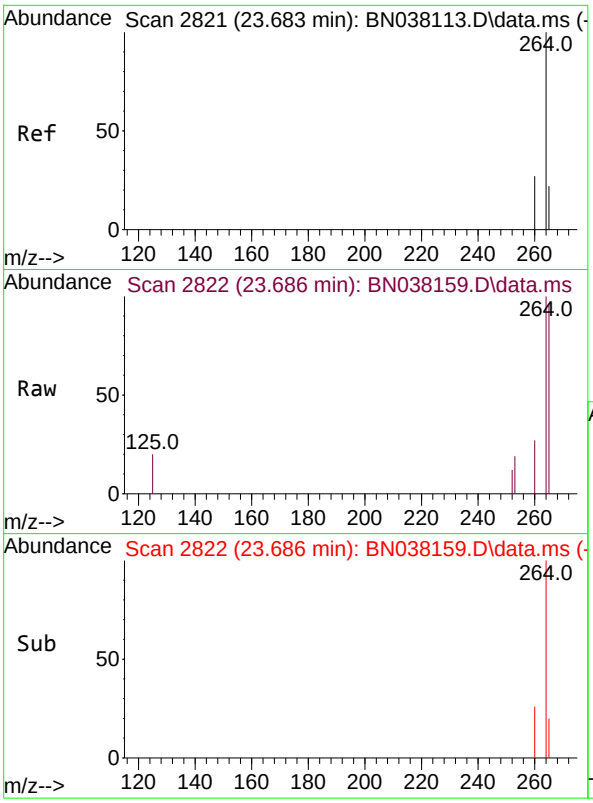


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:149 Resp: 12875

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.1	31.7
279	3.8	2.9	4.3



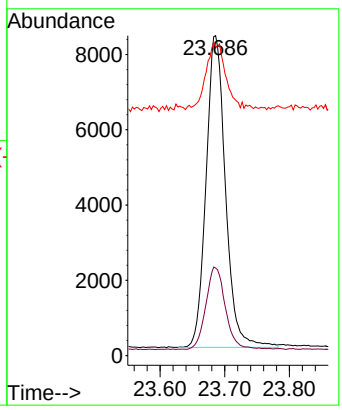


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3

Tgt Ion:264 Resp: 17319

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	96.5	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038167.D
Acq On : 07 Nov 2025 23:31
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-1

Quant Time: Nov 08 03:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

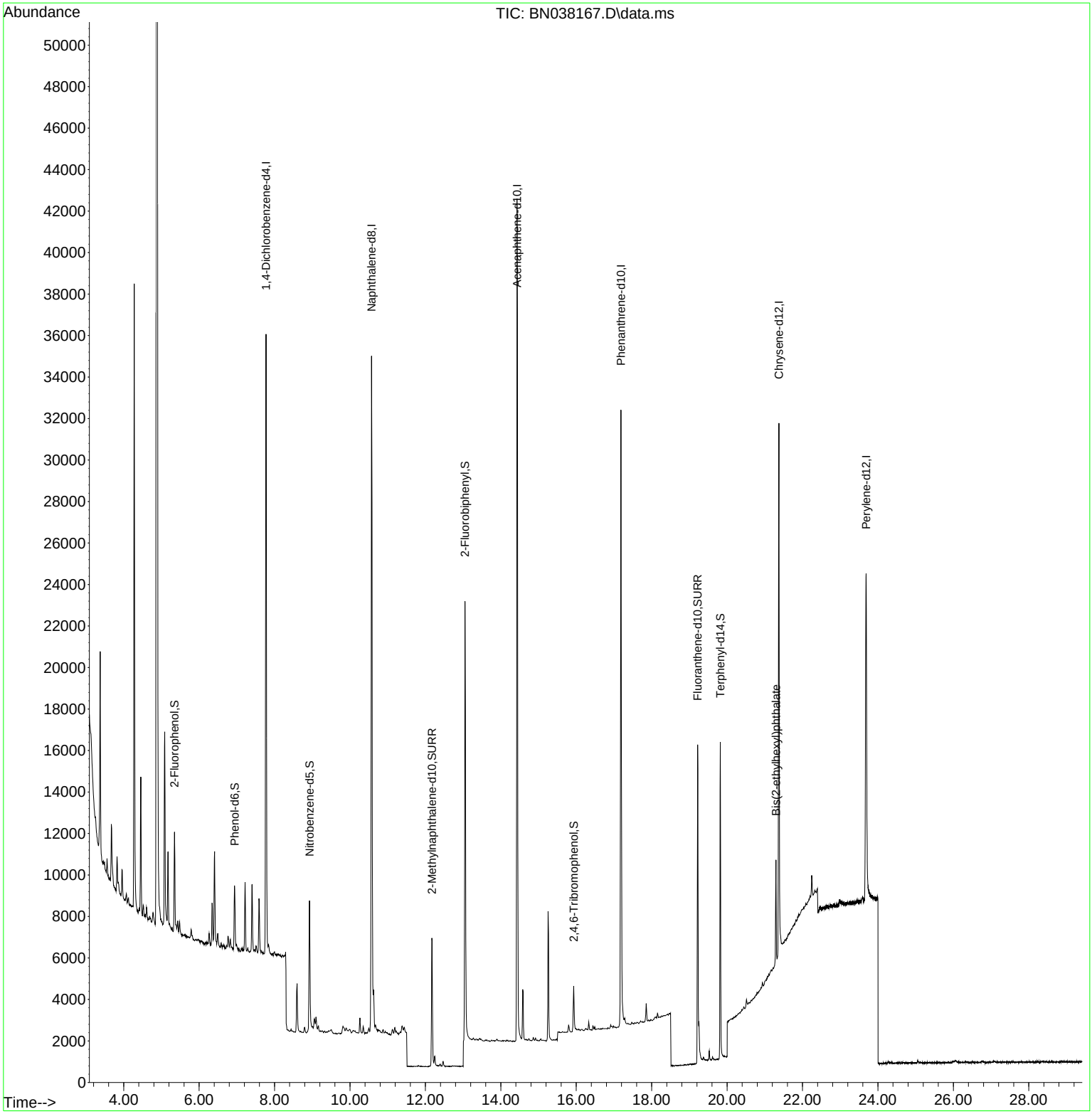
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	14967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	45140	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24883	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	41414	0.400	ng	0.00
29) Chrysene-d12	21.375	240	24824	0.400	ng	0.00
35) Perylene-d12	23.686	264	24058	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3720	0.106	ng	0.00
5) Phenol-d6	6.944	99	3198	0.074	ng	0.00
8) Nitrobenzene-d5	8.928	82	5752	0.158	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	9148	0.142	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1408	0.137	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19428	0.195	ng	0.00
27) Fluoranthene-d10	19.220	212	17300	0.166	ng	0.00
31) Terphenyl-d14	19.819	244	15101	0.280	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.295	149	4898	0.105	ng	96

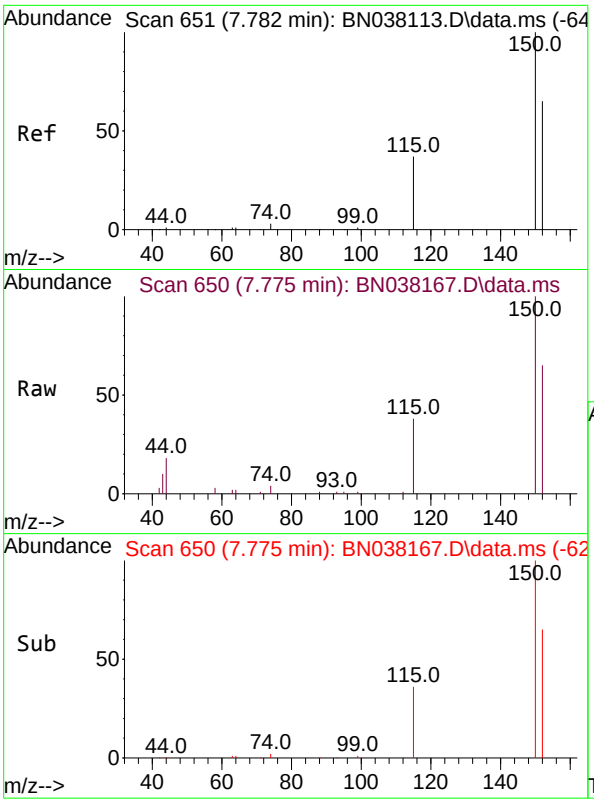
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038167.D
Acq On : 07 Nov 2025 23:31
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-1

Quant Time: Nov 08 03:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



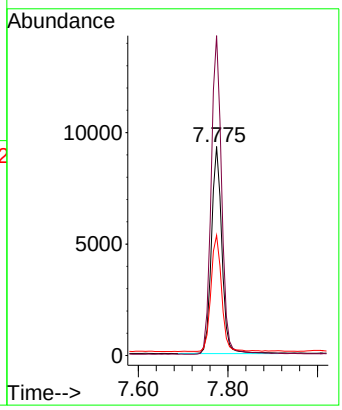


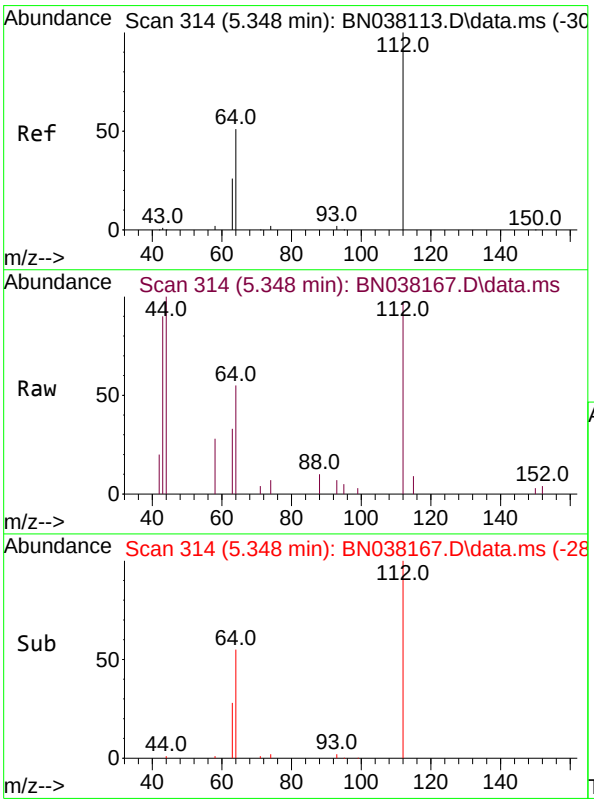
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:152 Resp: 14967

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.3	183.5
115	57.5	47.4	71.0

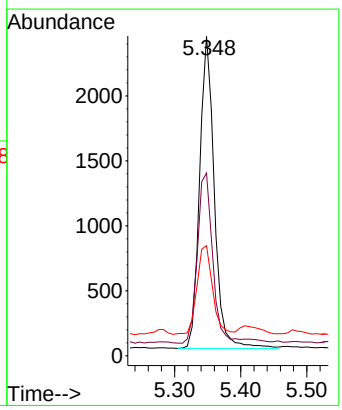


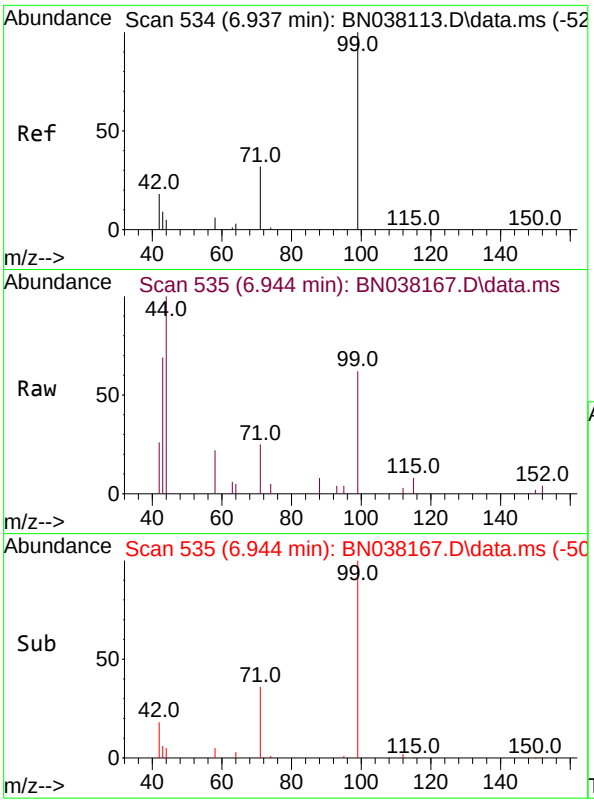


#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:112 Resp: 3720

Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.0
63	30.4	23.2	34.8



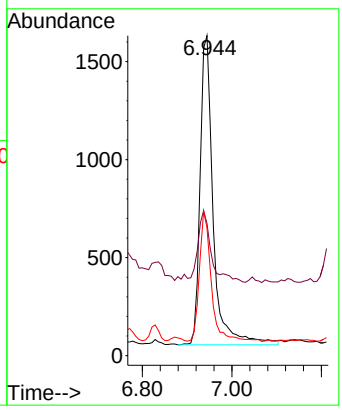


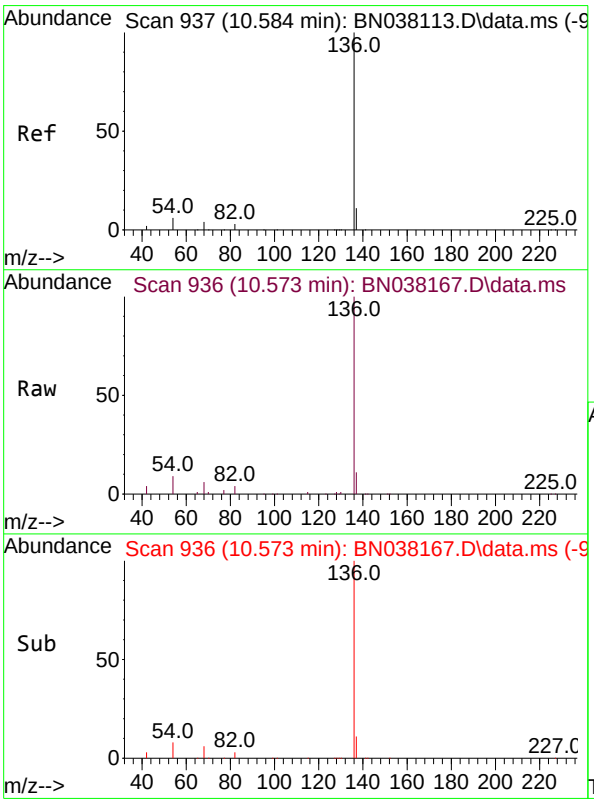
#5
Phenol-d6
Concen: 0.074 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 3198

Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.6	24.8#
71	38.4	25.4	38.2#

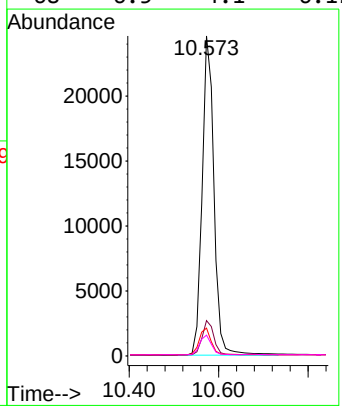


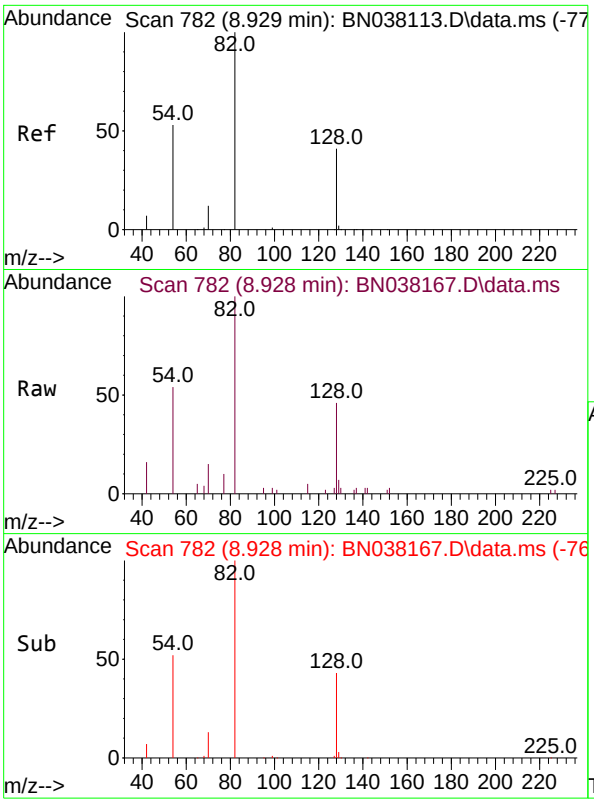


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:136 Resp: 45140

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.7	5.2	7.8#
68	6.5	4.1	6.1#



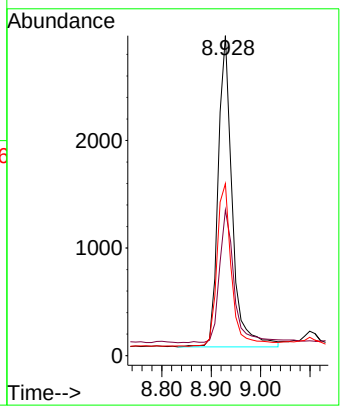


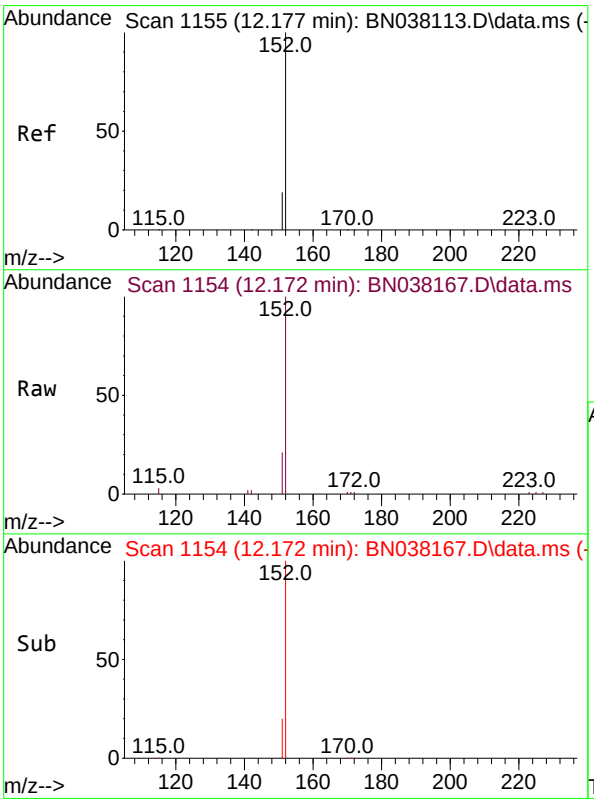
#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.928 min Scan# 78
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion: 82 Resp: 5752

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.1	51.1
54	53.7	43.5	65.3

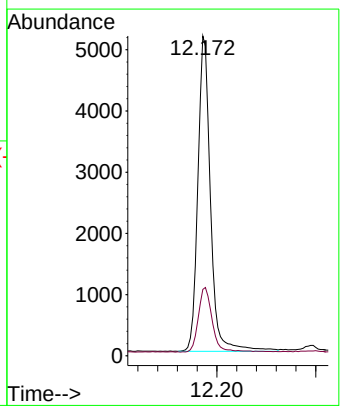


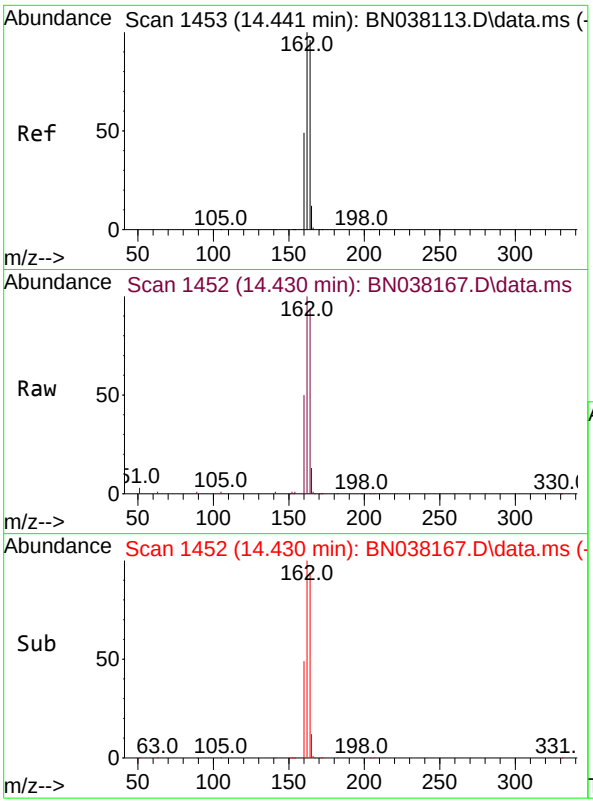


#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:152 Resp: 9148

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.8	25.2



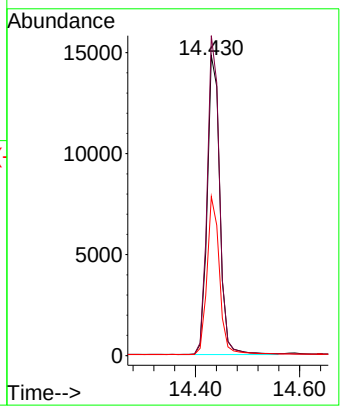


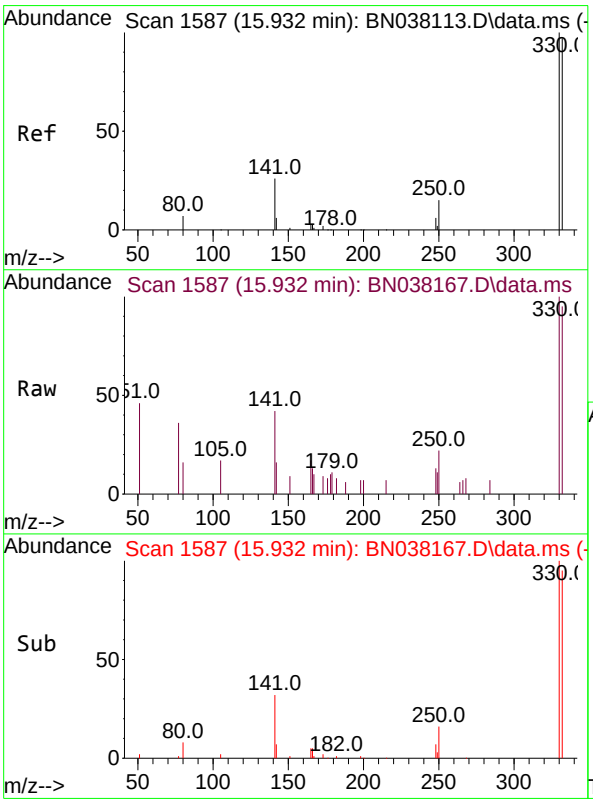
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:164 Resp: 24883

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.4
160	53.0	40.7	61.1

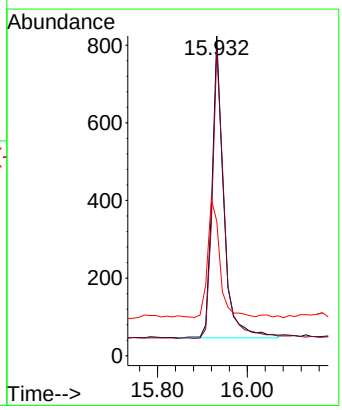


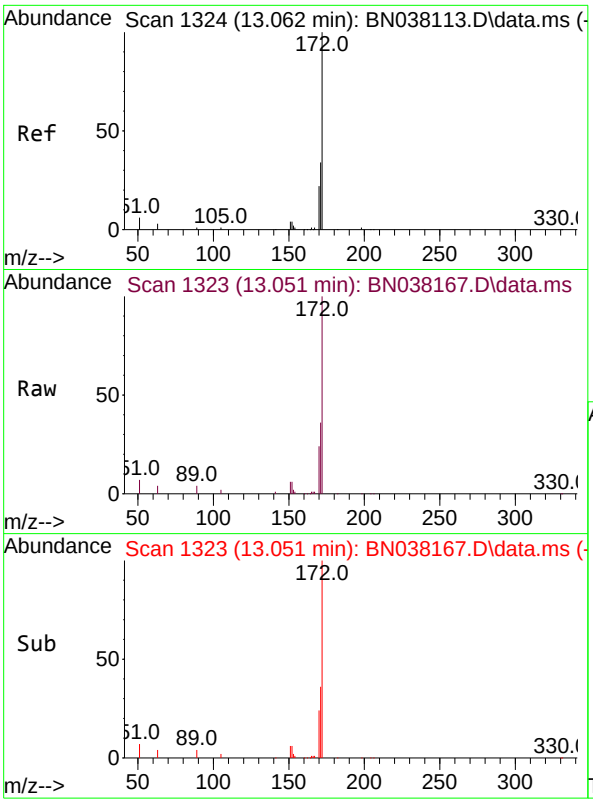


#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:330 Resp: 1408

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	41.1	34.1	51.1



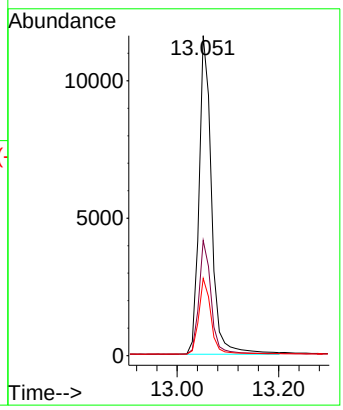


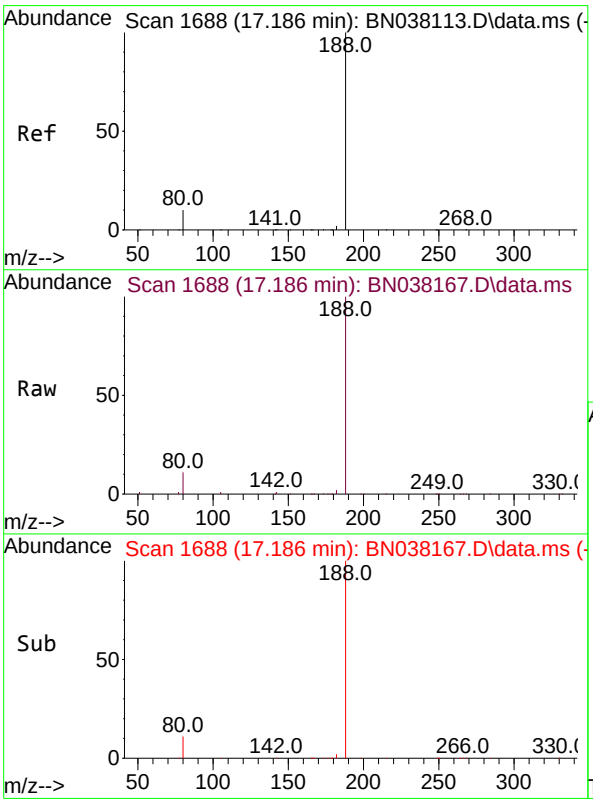
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:172 Resp: 19428

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.1	18.1	27.1

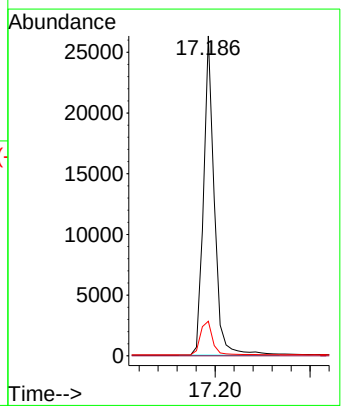


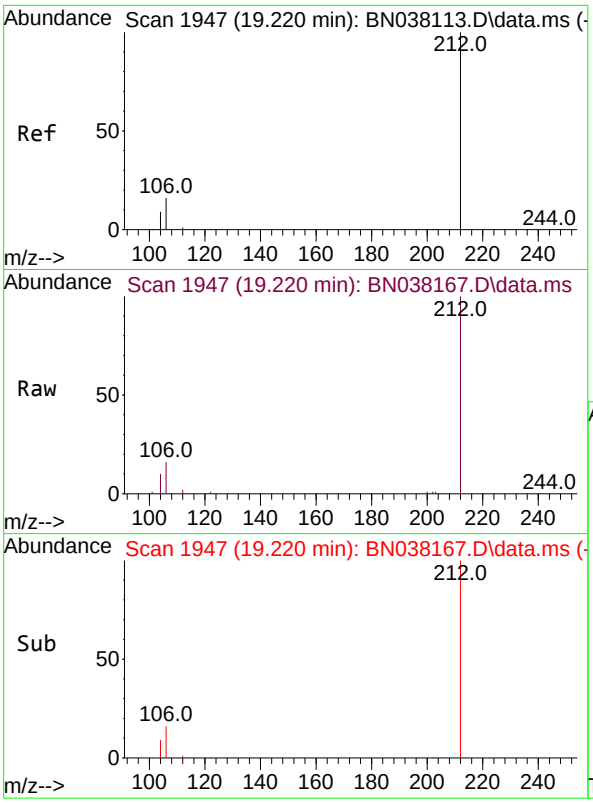


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:188 Resp: 41414

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	13.0



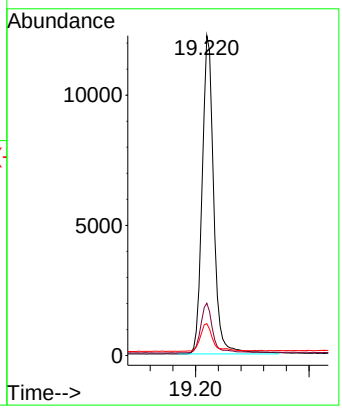


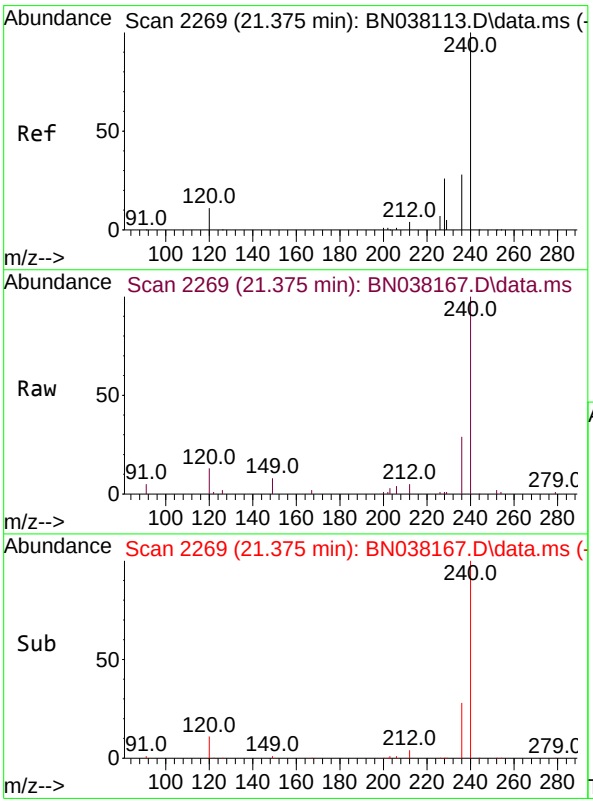
#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.220 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:212 Resp: 17300

Ion	Ratio	Lower	Upper
212	100		
106	16.8	12.6	19.0
104	9.5	7.1	10.7

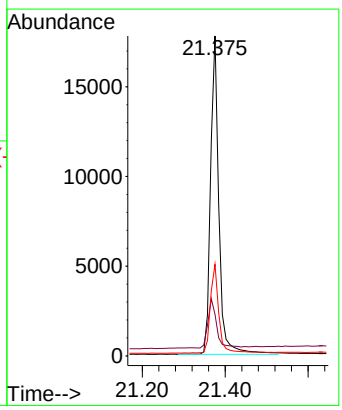


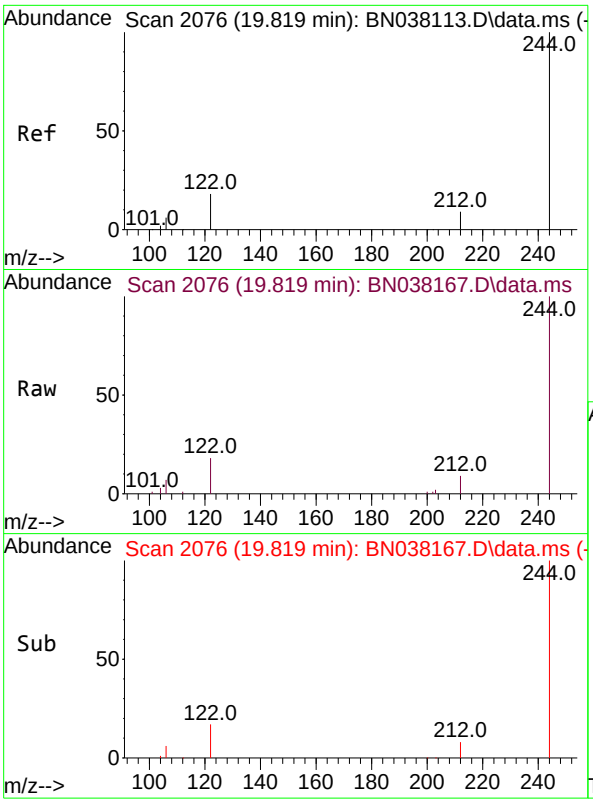


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:240 Resp: 24824

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.7	16.1
236	28.6	23.1	34.7



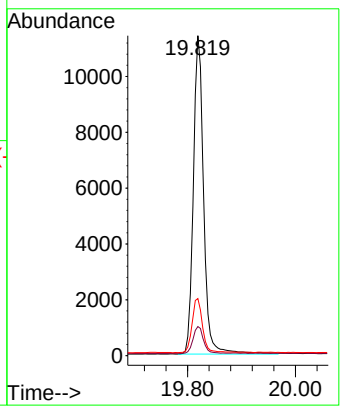


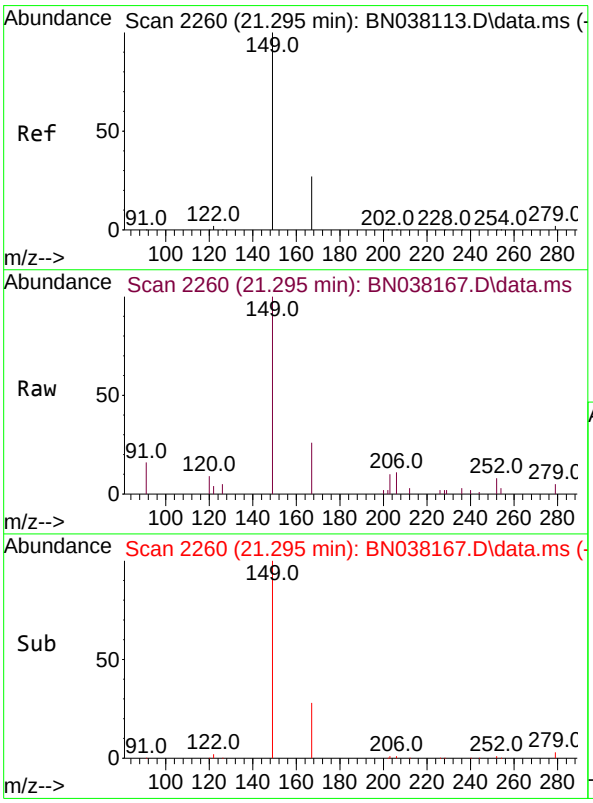
#31
Terphenyl-d14
Concen: 0.280 ng
RT: 19.819 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:244 Resp: 15101

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	17.8	15.2	22.8

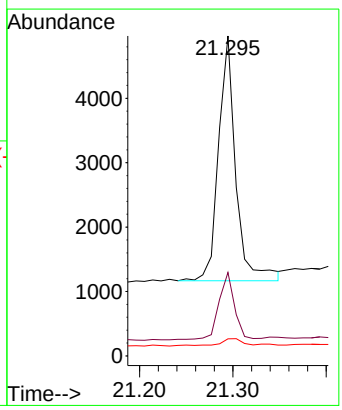


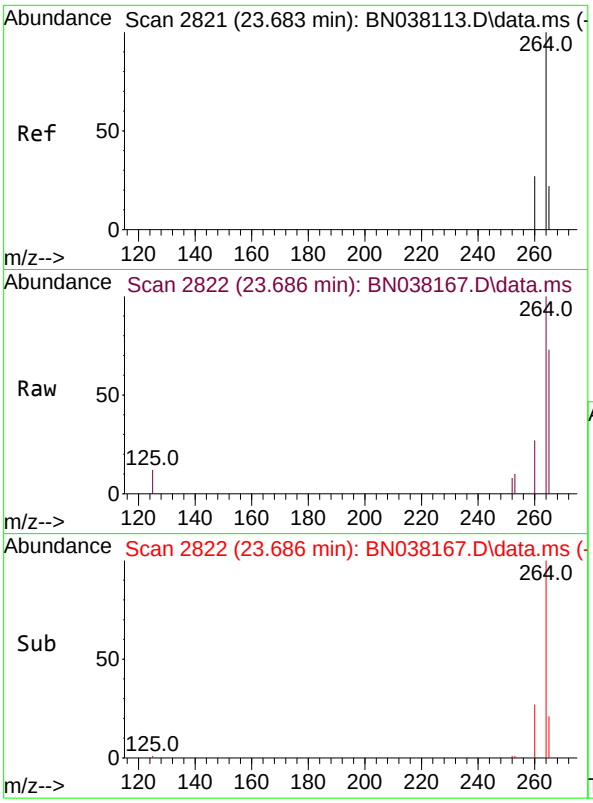


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:149 Resp: 4898

Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.1	31.7
279	3.8	2.9	4.3



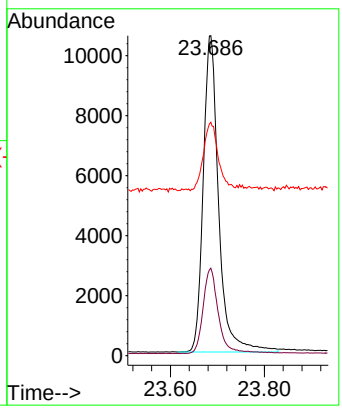


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Instrument :
BNA_N
ClientSampleId :
FB-1

Tgt Ion:264 Resp: 24058

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	72.9	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038168.D
Acq On : 08 Nov 2025 00:07
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 08 03:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	7465	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	23044	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	12718	0.400	ng		0.00
19) Phenanthrene-d10	17.185	188	20516	0.400	ng		0.00
29) Chrysene-d12	21.375	240	12475	0.400	ng	#	0.00
35) Perylene-d12	23.683	264	12586	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	3252	0.185	ng		0.00
5) Phenol-d6	6.944	99	2594	0.121	ng		0.00
8) Nitrobenzene-d5	8.928	82	5623	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.176	152	9042	0.275	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	1284	0.245	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	17785	0.349	ng		0.00
27) Fluoranthene-d10	19.224	212	15695	0.303	ng		0.00
31) Terphenyl-d14	19.819	244	15454	0.570	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.626	128	6391	0.101	ng		97
12) 2-Methylnaphthalene	12.247	142	1632	0.039	ng	#	95
18) Fluorene	15.488	166	1417	0.027	ng		96
21) 4-Bromophenyl-phenylether	16.379	248	378	0.028	ng	#	82
22) Hexachlorobenzene	16.503	284	489	0.032	ng	#	90
25) Phenanthrene	17.223	178	2200m	0.034	ng		
26) Anthracene	17.322	178	1391	0.024	ng		98
28) Fluoranthene	19.252	202	1600	0.022	ng		96
30) Pyrene	19.615	202	1451	0.026	ng		97
32) Benzo(a)anthracene	21.357	228	1048	0.024	ng	#	85
33) Chrysene	21.411	228	1315	0.027	ng	#	88
34) Bis(2-ethylhexyl)phtha...	21.294	149	3395	0.145	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.042	276	1621	0.031	ng	#	80
37) Benzo(b)fluoranthene	22.987	252	1407	0.026	ng	#	1
38) Benzo(k)fluoranthene	23.034	252	1294	0.024	ng	#	1
40) Dibenzo(a,h)anthracene	26.057	278	1028	0.026	ng	#	1
41) Benzo(g,h,i)perylene	26.758	276	1300	0.029	ng	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

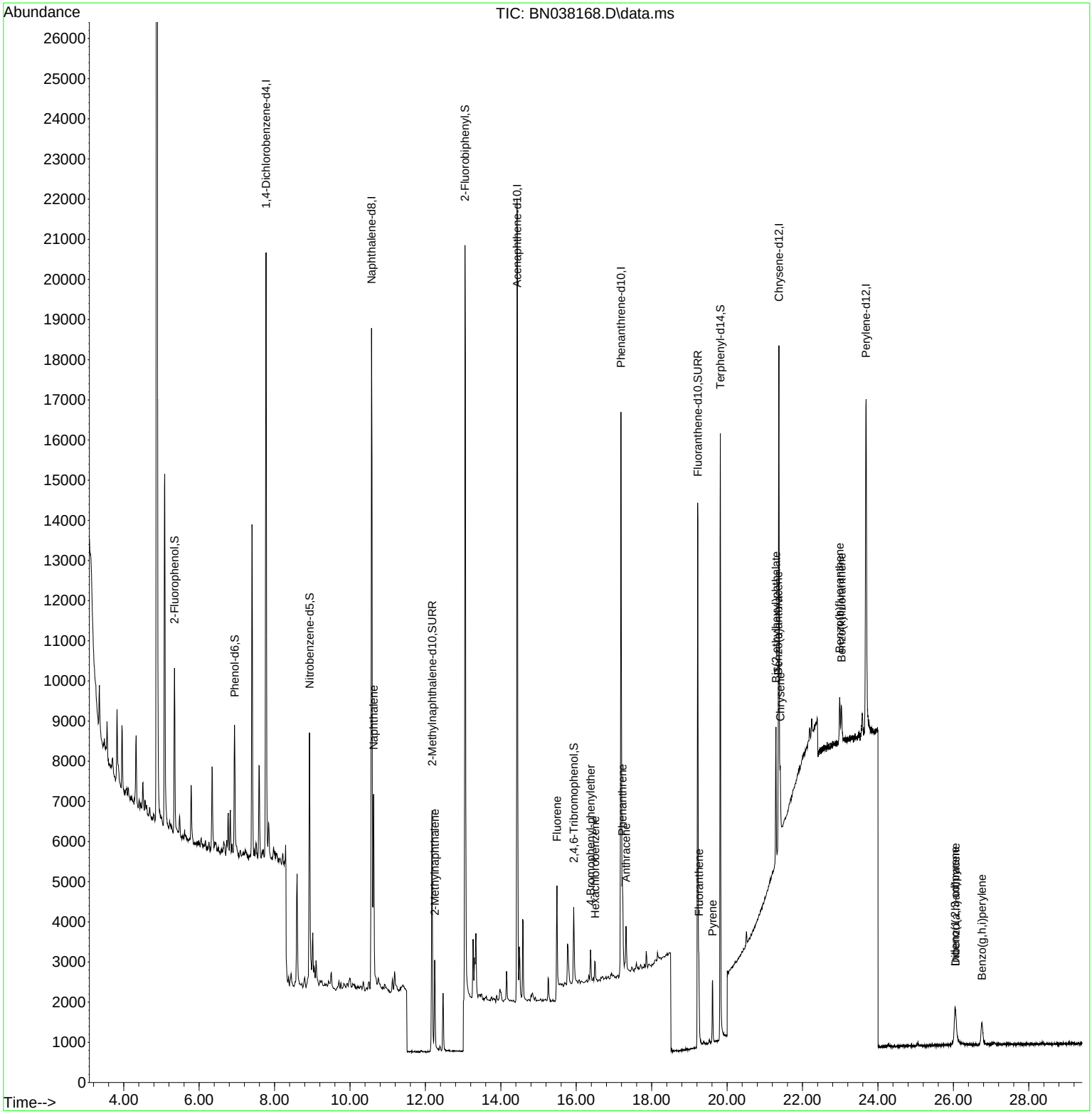
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038168.D
Acq On : 08 Nov 2025 00:07
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

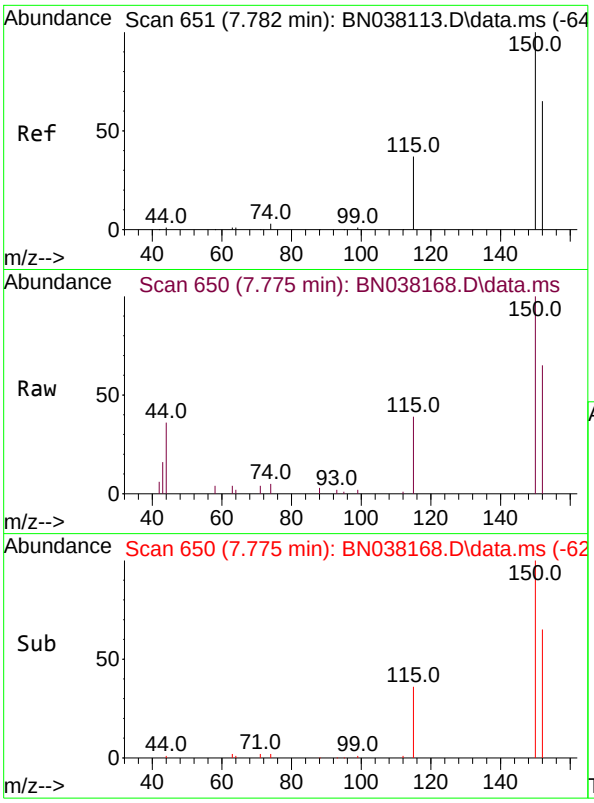
Quant Time: Nov 08 03:28:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

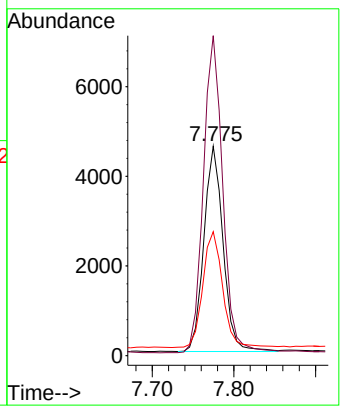




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:152 Resp: 746

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.3	183.5
115	59.2	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
EB-1

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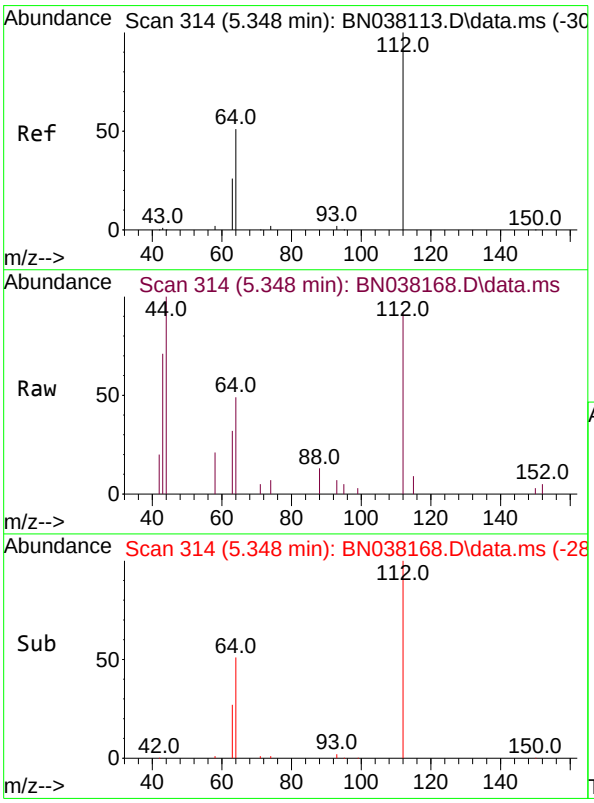
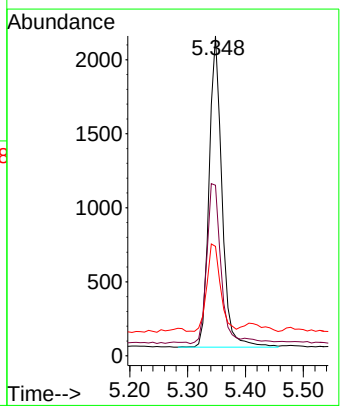
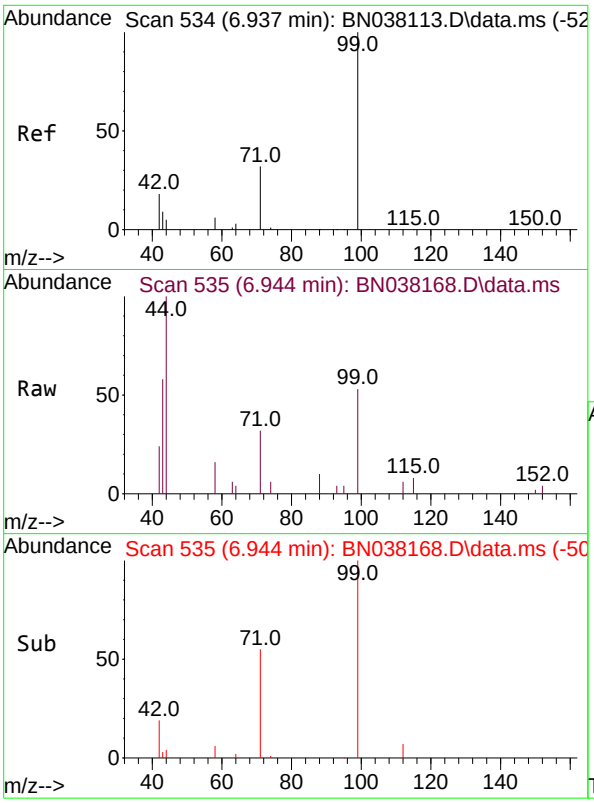


#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:112 Resp: 3252

Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.0
63	29.9	23.2	34.8

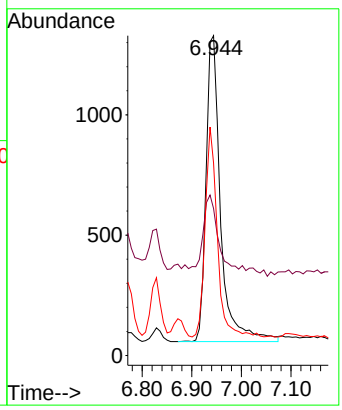




#5
Phenol-d6
Concen: 0.121 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion: 99 Resp: 259

Ion	Ratio	Lower	Upper
99	100		
42	32.8	16.6	24.8#
71	57.4	25.4	38.2#



Instrument :
BNA_N
ClientSampleId :
EB-1

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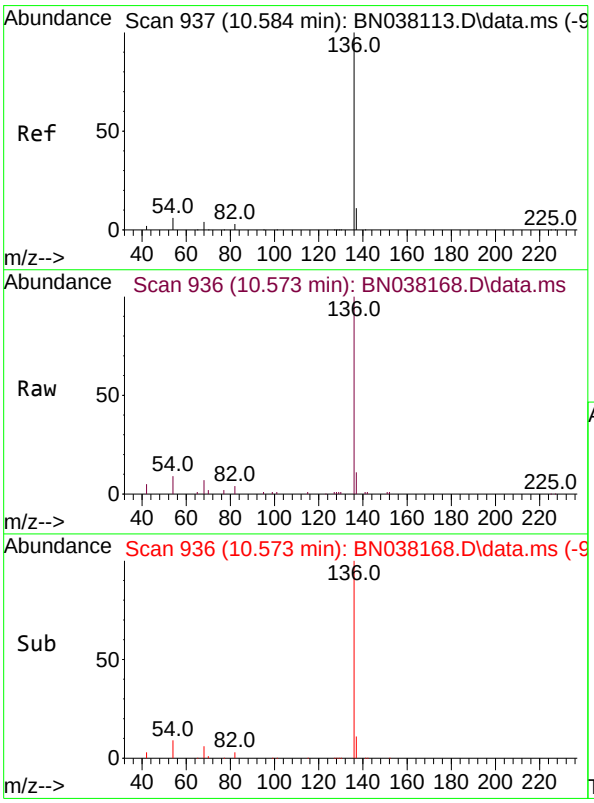
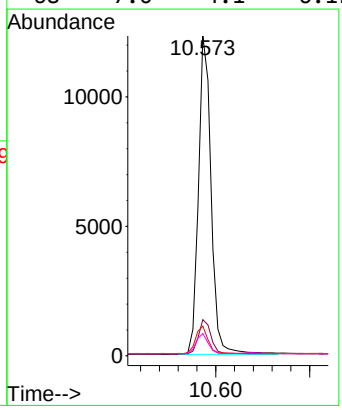
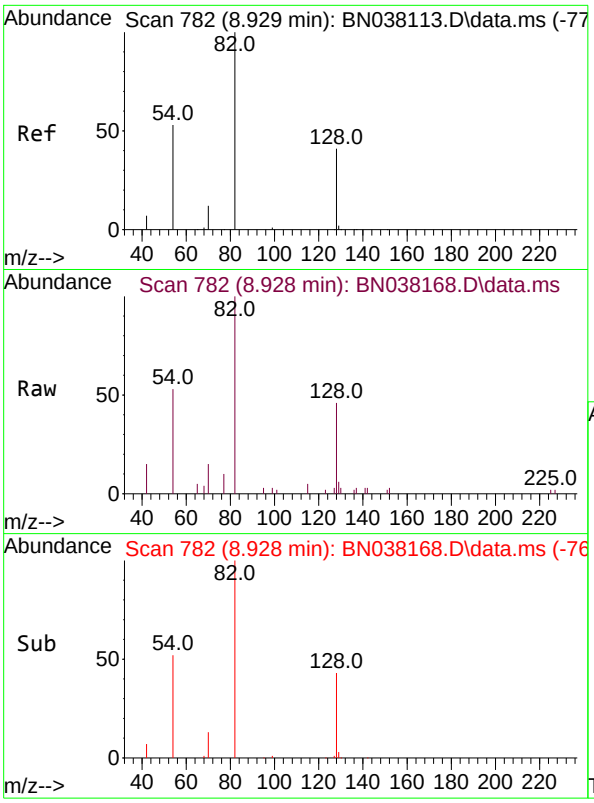


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:136 Resp: 23044

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.3	5.2	7.8#
68	7.0	4.1	6.1#

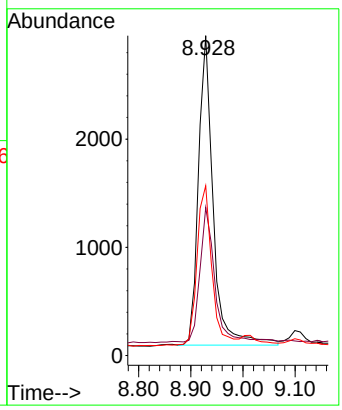




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.928 min Scan# 78
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion: 82 Resp: 562

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.1	51.1
54	53.1	43.5	65.3



Instrument :
BNA_N
ClientSampleId :
EB-1

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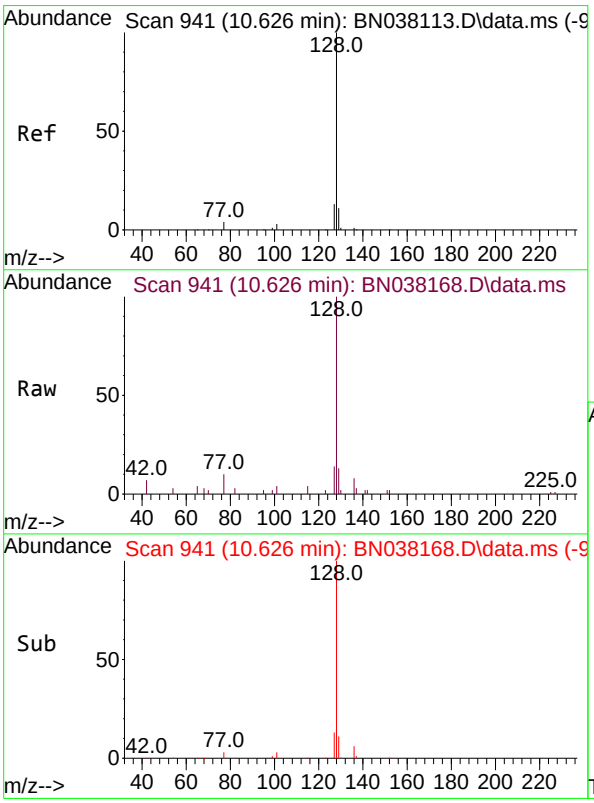
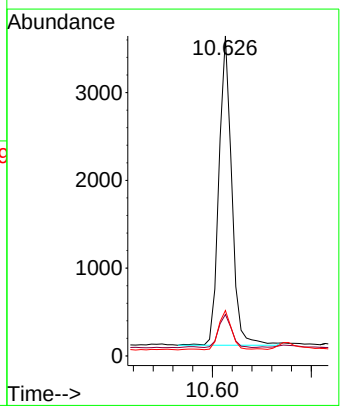
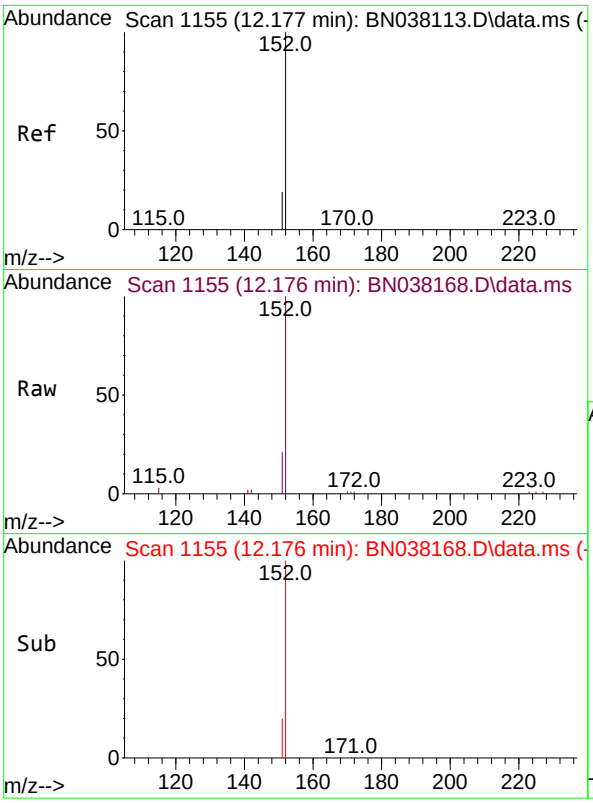


#9
Naphthalene
Concen: 0.101 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:128 Resp: 6391

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	14.2	10.5	15.7





#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:152 Resp: 904

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2

Instrument :
BNA_N
ClientSampleId :
EB-1

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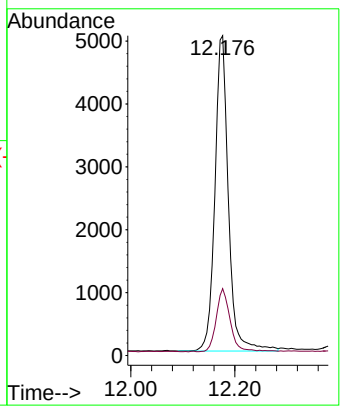
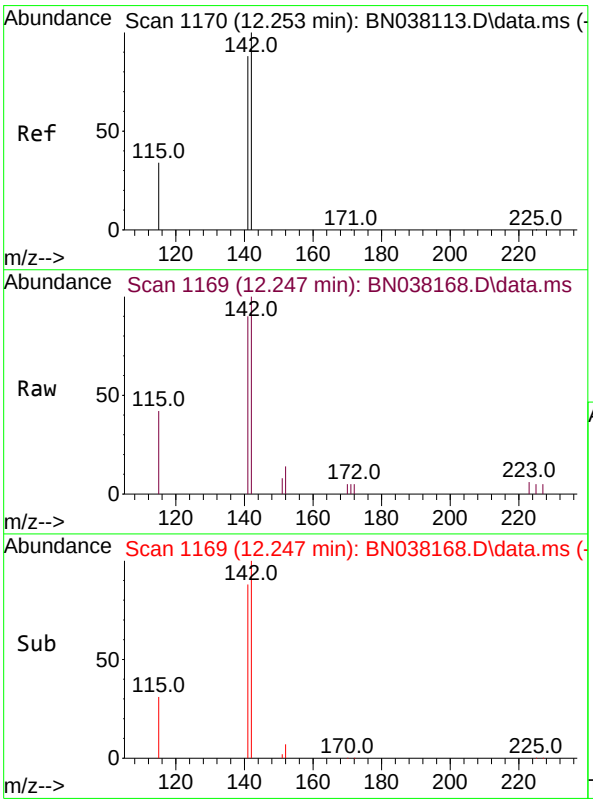
Supervised By :Jagrut Upadhyay 11/10/2025

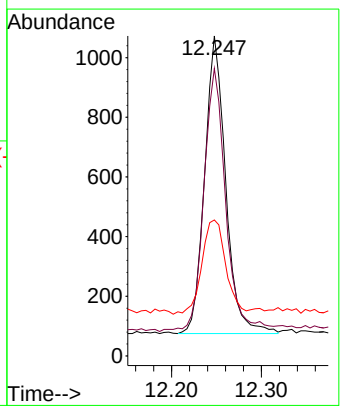


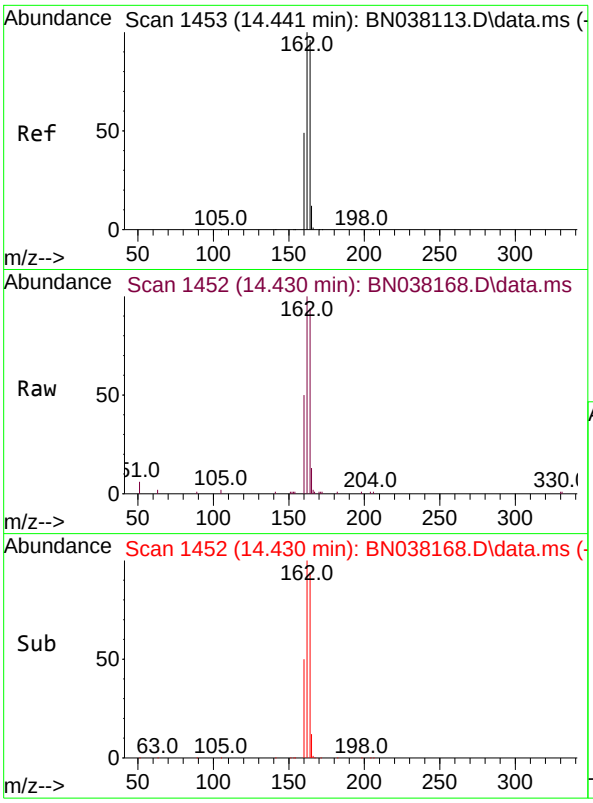


#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.247 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:142 Resp: 1632

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	42.5	27.8	41.6#

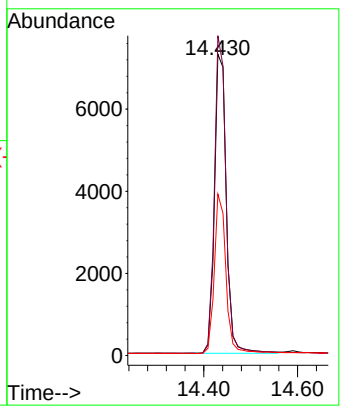




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:164 Resp: 12718

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.4
160	53.5	40.7	61.1



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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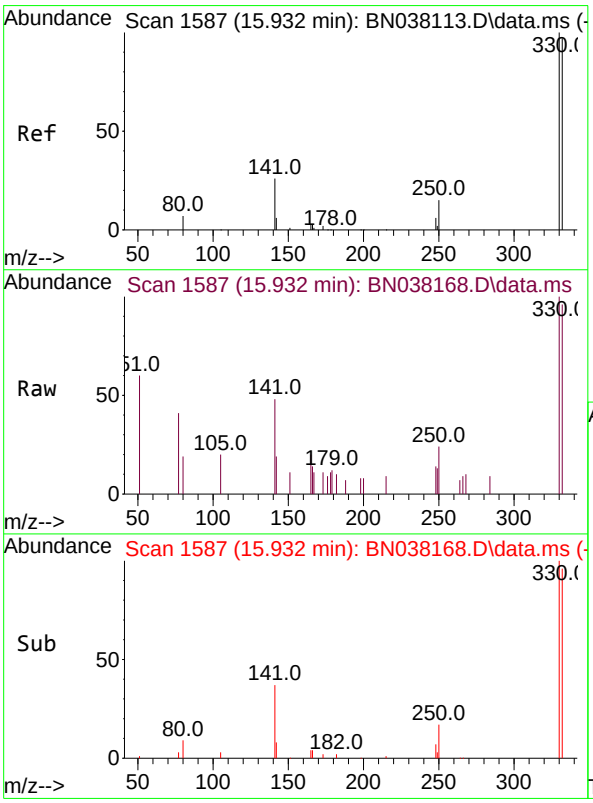
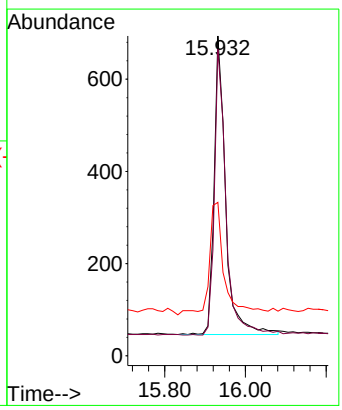
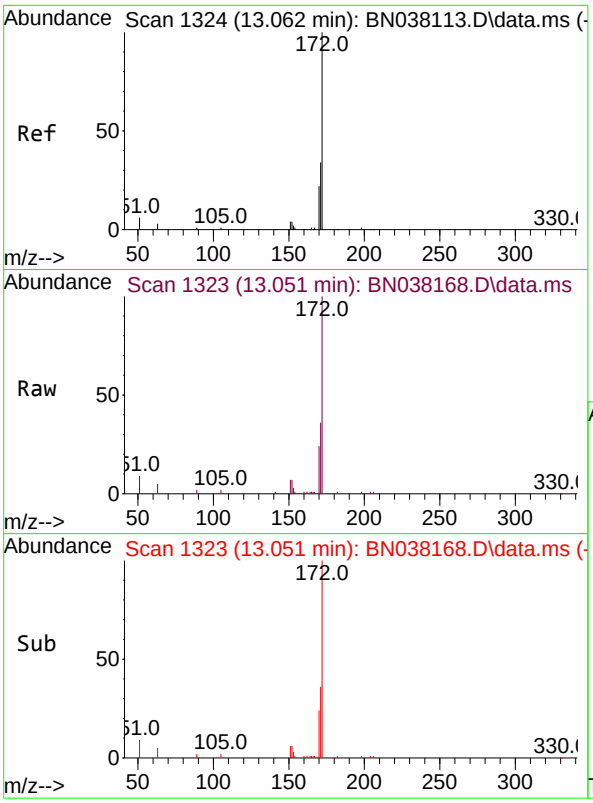


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.932 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:330 Resp: 1284

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	43.5	34.1	51.1

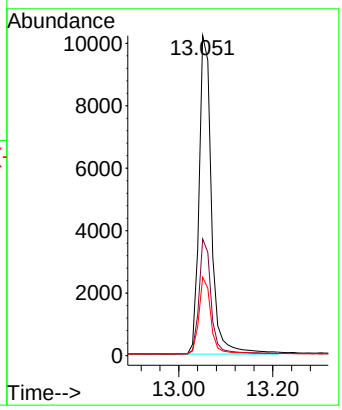




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:172 Resp: 1778

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.5	18.1	27.1



Instrument :
BNA_N
ClientSampleId :
EB-1

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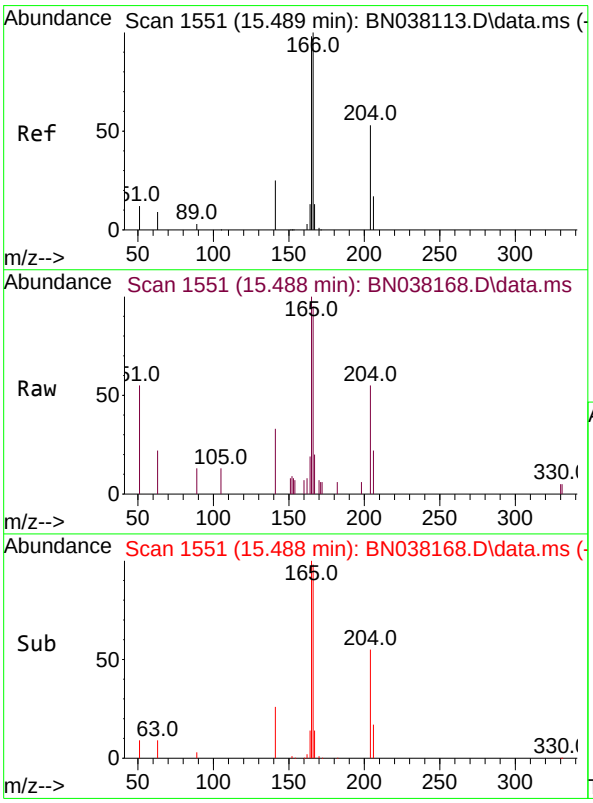
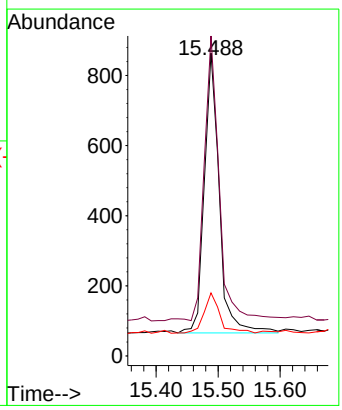
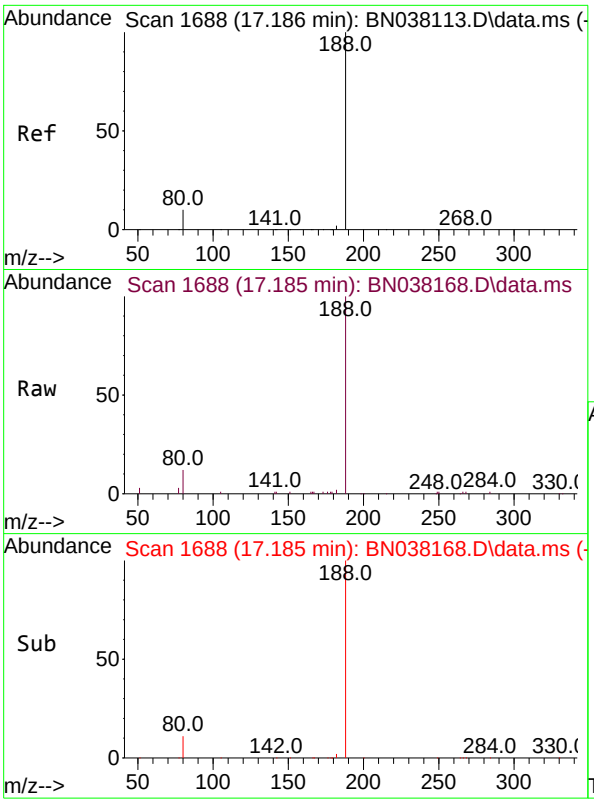


#18
Fluorene
Concen: 0.027 ng
RT: 15.488 min Scan# 1551
Delta R.T. -0.001 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:166 Resp: 1417

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.0	118.4
167	14.6	10.7	16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.185 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:188 Resp: 2051(

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	8.6	13.0

Instrument :
BNA_N
ClientSampleId :
EB-1

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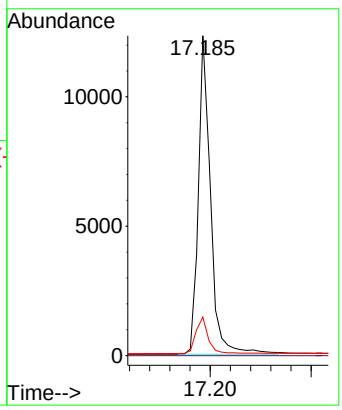
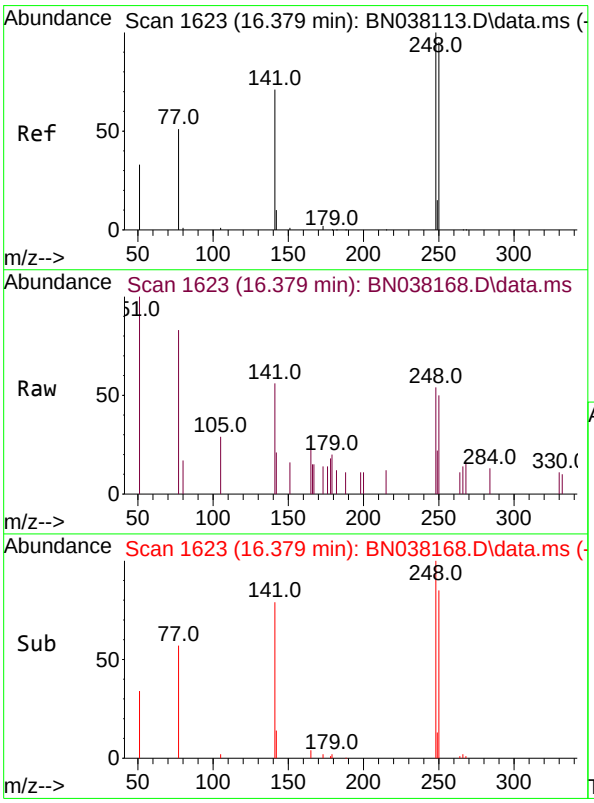
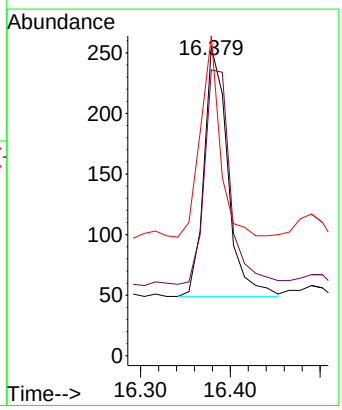


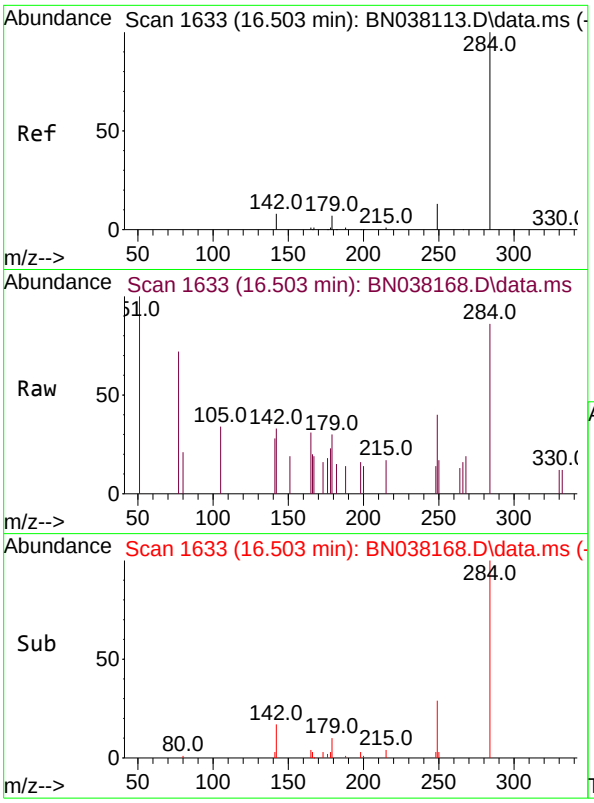


#21
4-Bromophenyl-phenylether
Concen: 0.028 ng
RT: 16.379 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:248 Resp: 378

Ion	Ratio	Lower	Upper
248	100		
250	92.5	76.2	114.2
141	103.5	57.6	86.4#

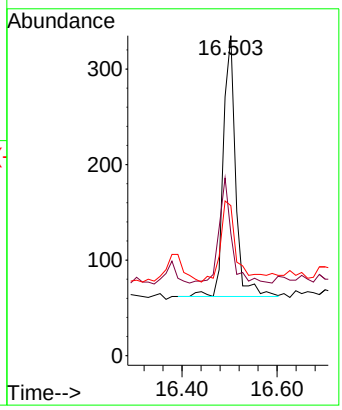




#22
Hexachlorobenzene
Concen: 0.032 ng
RT: 16.503 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:284 Resp: 48

Ion	Ratio	Lower	Upper
284	100		
142	40.5	30.5	45.7
249	38.9	23.5	35.3#



Instrument :
BNA_N
ClientSampleId :
EB-1

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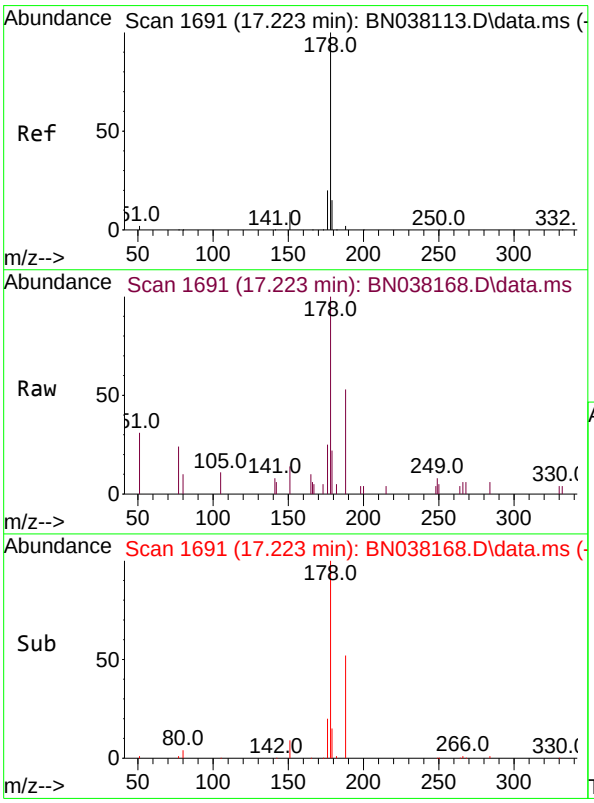
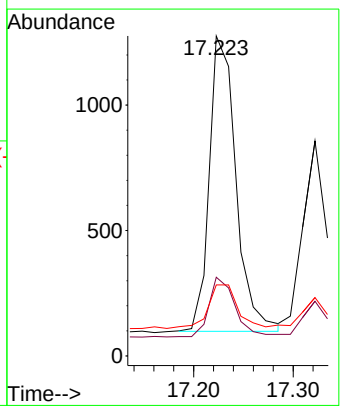
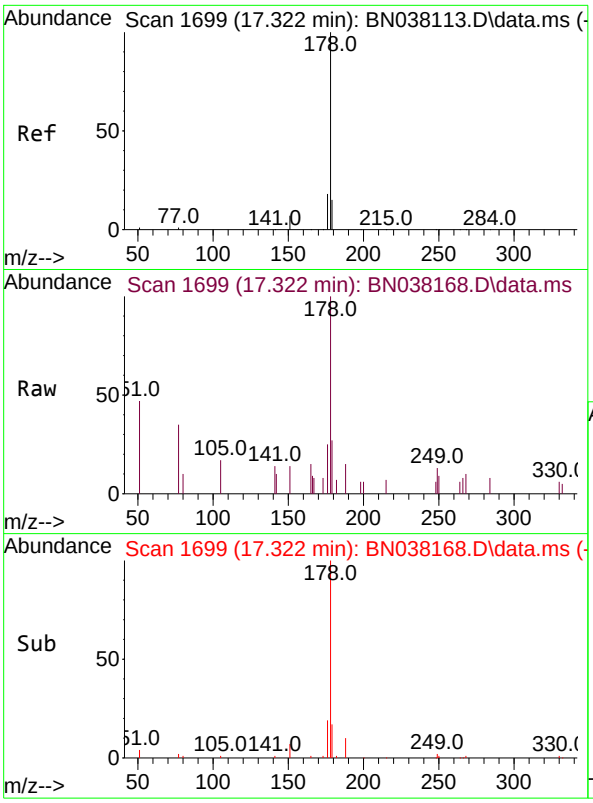


#25
Phenanthrene
Concen: 0.034 ng m
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:178 Resp: 2200

Ion	Ratio	Lower	Upper
178	100		
176	9.8	15.5	23.3#
179	9.0	12.2	18.4#

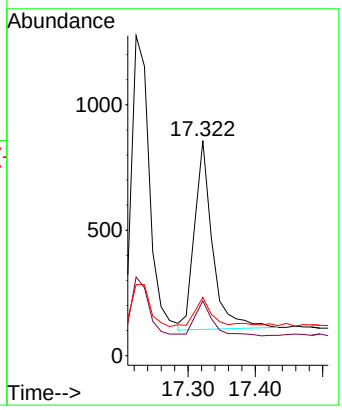




#26
Anthracene
Concen: 0.024 ng
RT: 17.322 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:178 Resp: 139

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	16.3	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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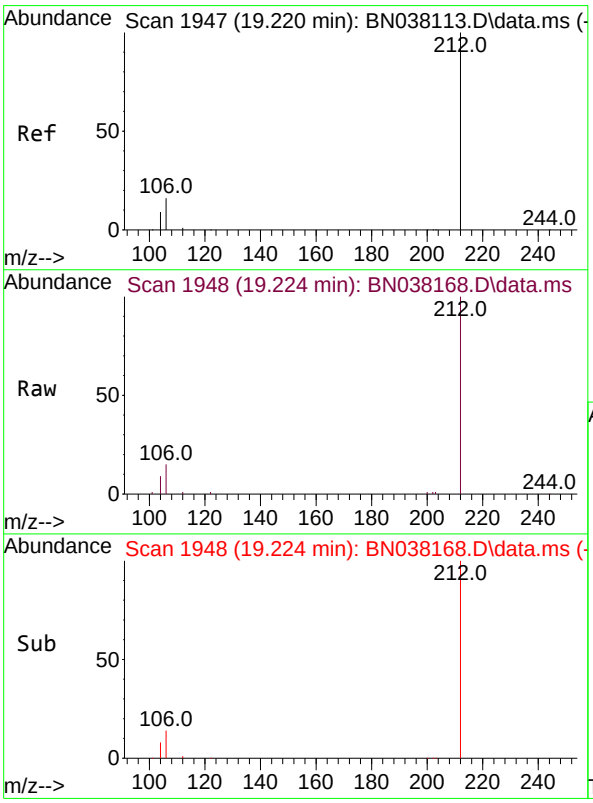
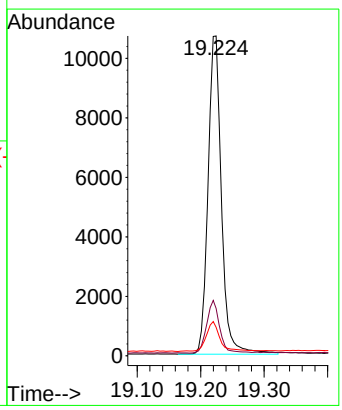
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

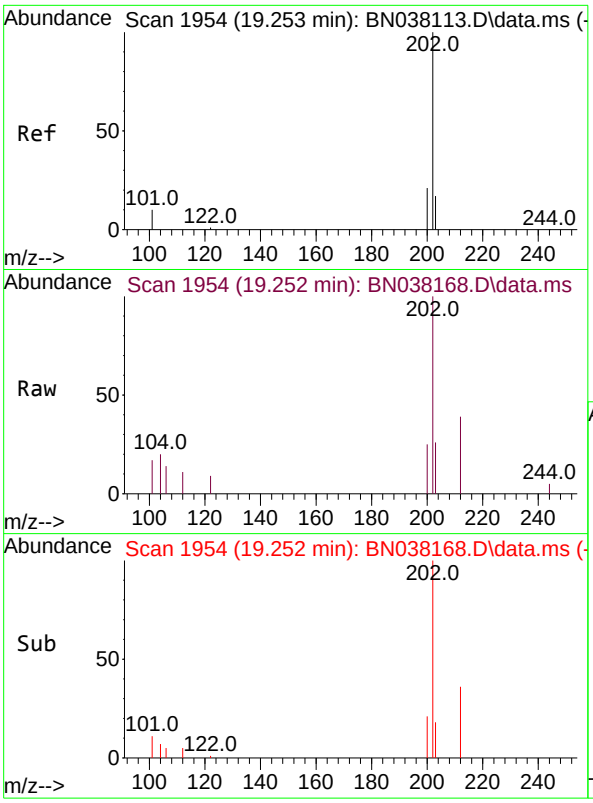


#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.224 min Scan# 1948
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:212 Resp: 15695

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	9.0	7.1	10.7

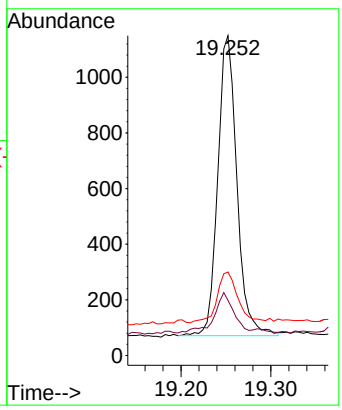




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.252 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:202 Resp: 160

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.4	14.2
203	18.7	13.4	20.2



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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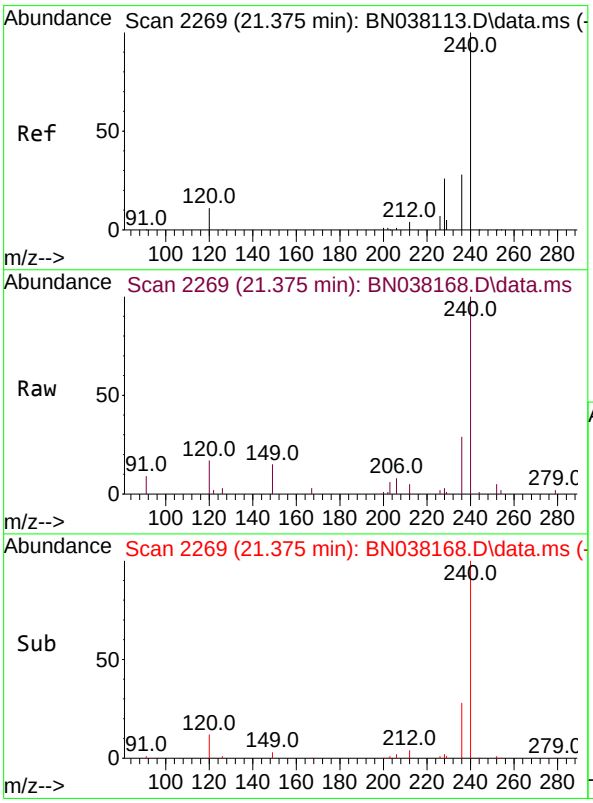
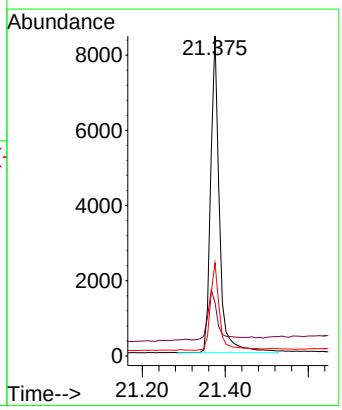
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

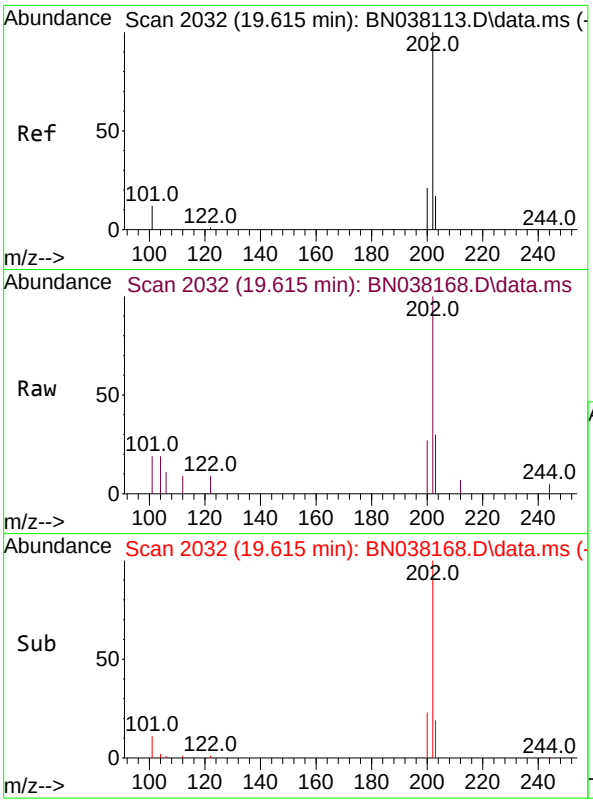


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:240 Resp: 12475

Ion	Ratio	Lower	Upper
240	100		
120	16.7	10.7	16.1#
236	29.1	23.1	34.7

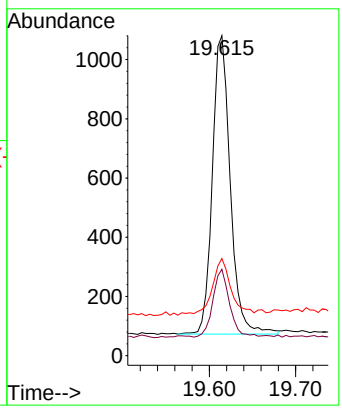




#30
Pyrene
Concen: 0.026 ng
RT: 19.615 min Scan# 20
Delta R.T. 0.004 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:202 Resp: 145

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	20.3	14.2	21.2



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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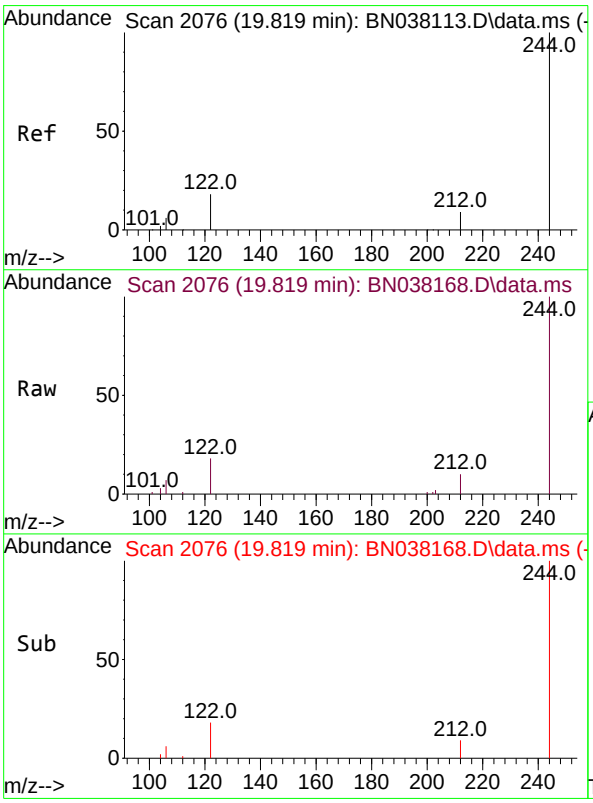
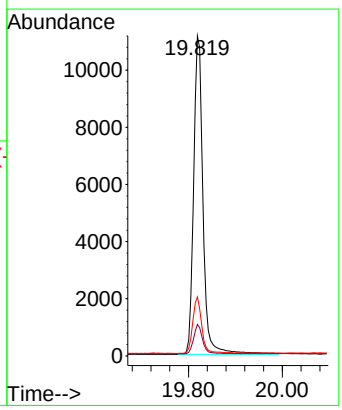
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

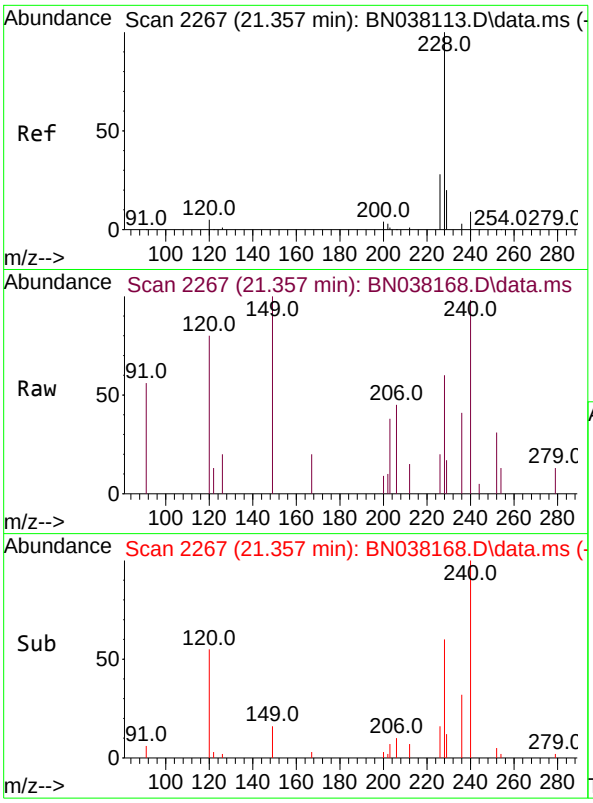


#31
Terphenyl-d14
Concen: 0.570 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:244 Resp: 15454

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.8	11.6
122	18.4	15.2	22.8

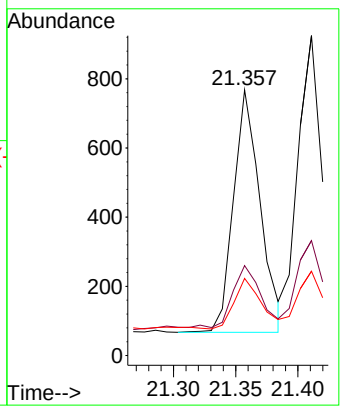




#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:228 Resp: 104

Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.2	33.4#
229	29.0	15.8	23.8#



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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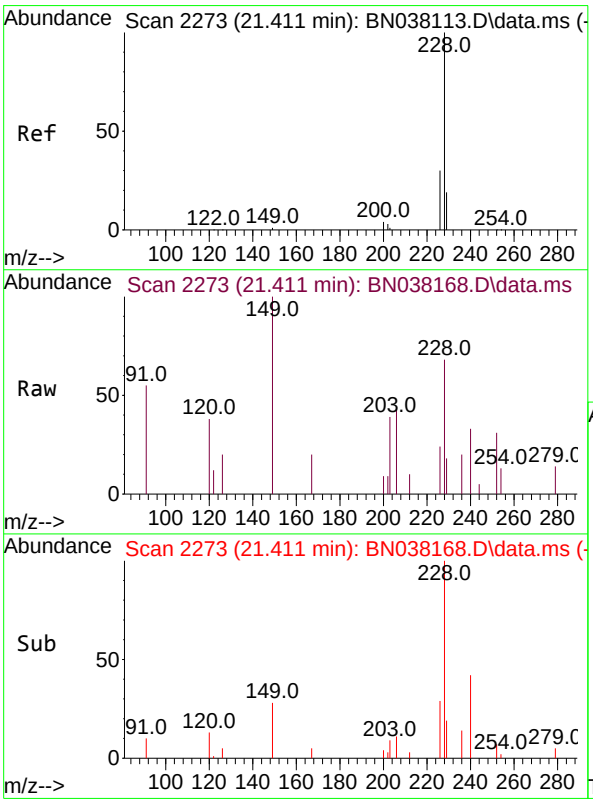
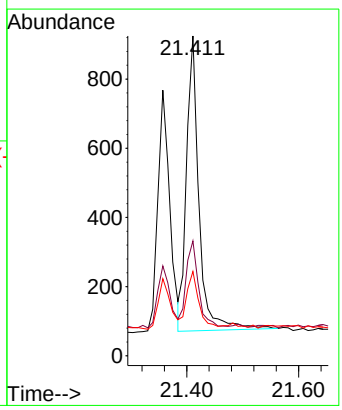
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

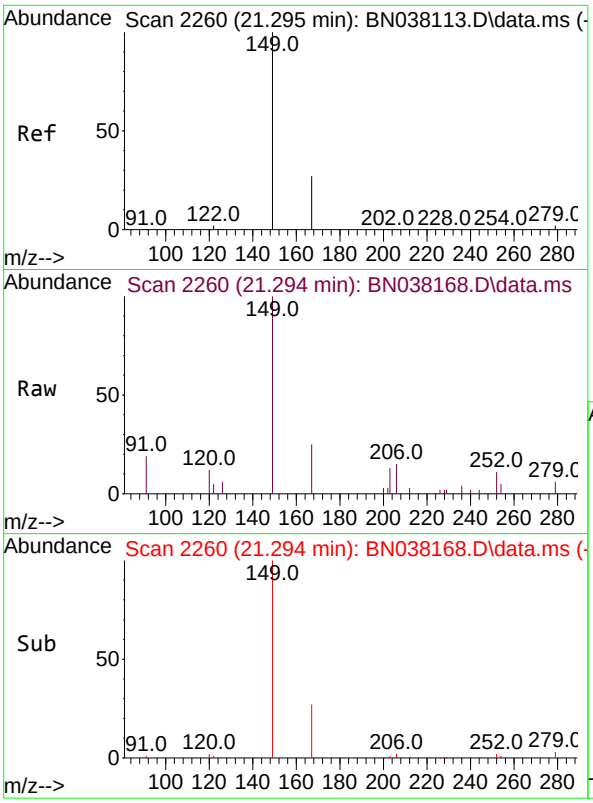


#33
Chrysene
Concen: 0.027 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:228 Resp: 1315

Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.3	36.5
229	26.4	15.7	23.5#

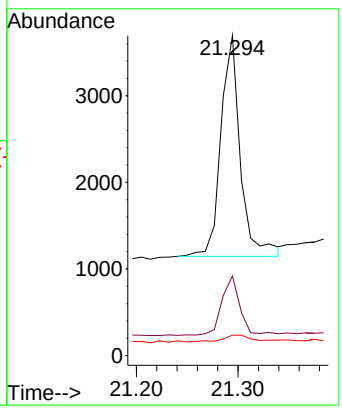




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:149 Resp: 339

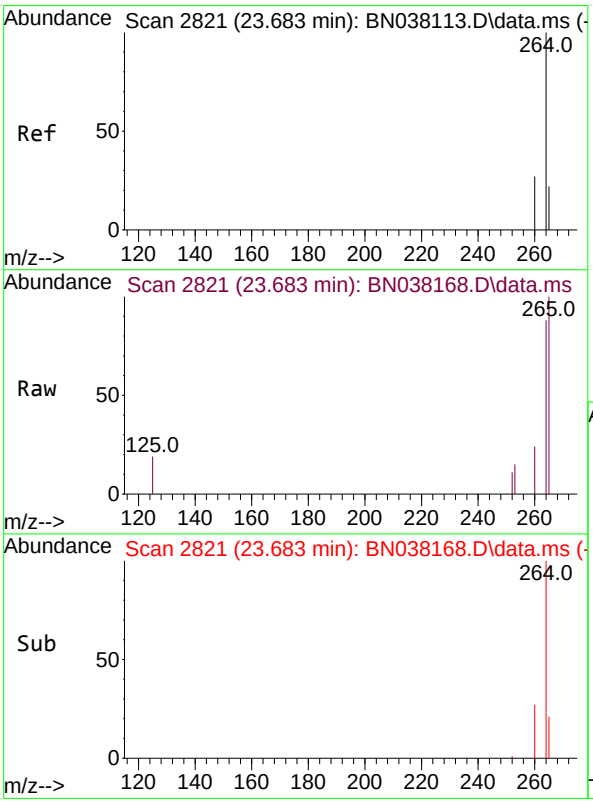
Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.1	31.7
279	4.5	2.9	4.3#



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations APPROVED

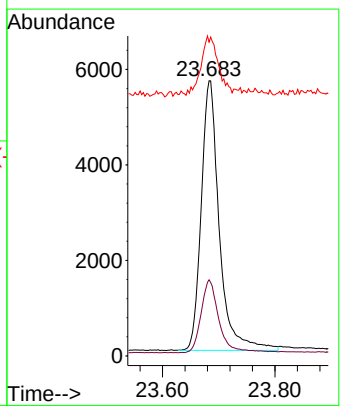
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

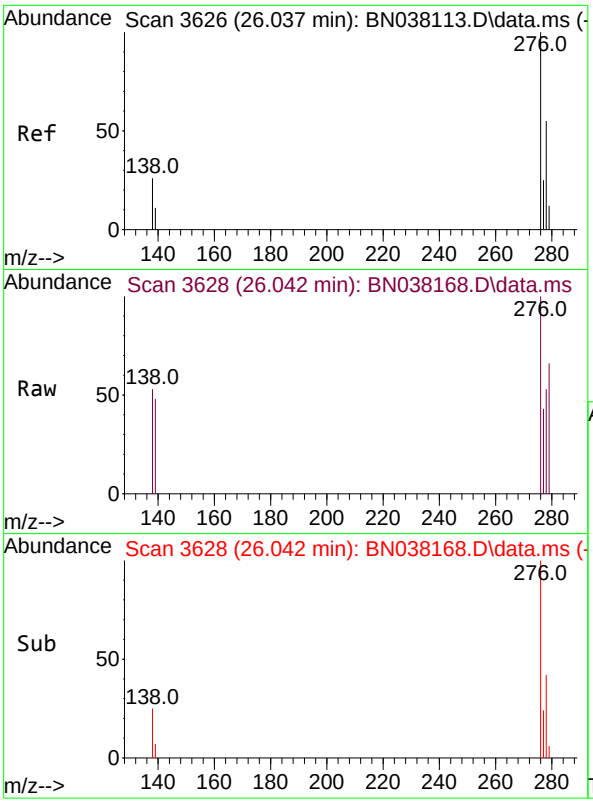


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:264 Resp: 12586

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	114.0	68.6	102.8#

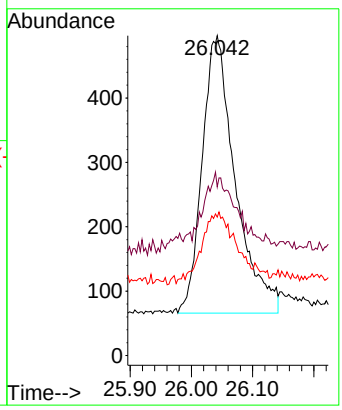




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng
RT: 26.042 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:276 Resp: 162

Ion	Ratio	Lower	Upper
276	100		
138	9.3	21.4	32.0#
277	26.1	19.2	28.8



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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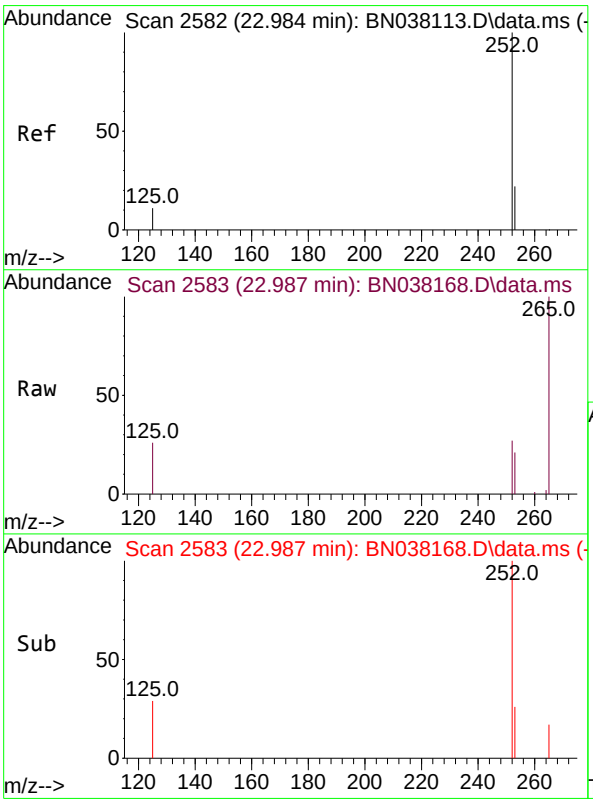
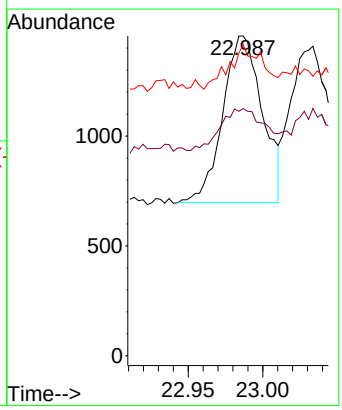
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

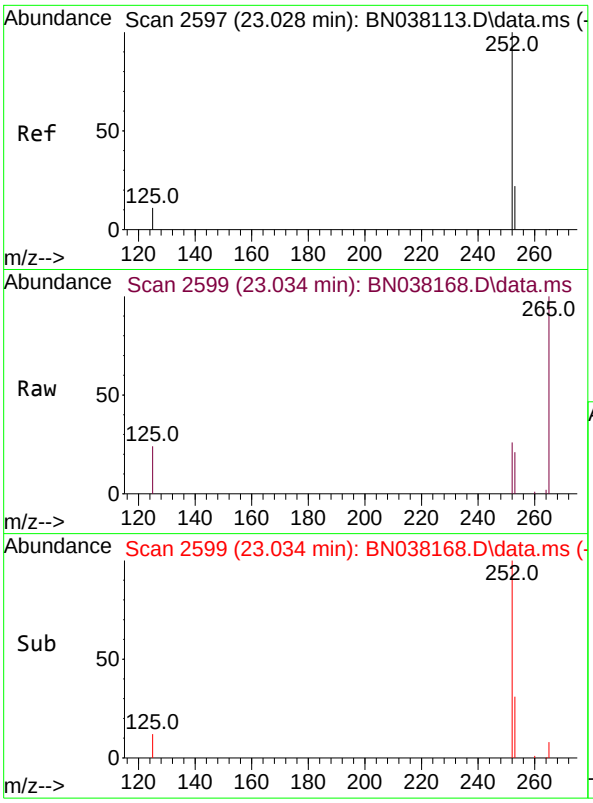


#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.987 min Scan# 2583
Delta R.T. 0.006 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:252 Resp: 1407

Ion	Ratio	Lower	Upper
252	100		
253	77.3	20.9	31.3#
125	97.3	14.1	21.1#

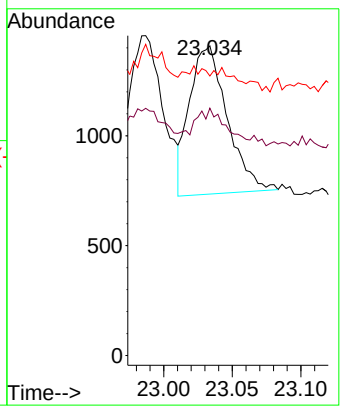




#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.034 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:252 Resp: 129

Ion	Ratio	Lower	Upper
252	100		
253	79.9	21.2	31.8#
125	90.3	14.6	22.0#



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
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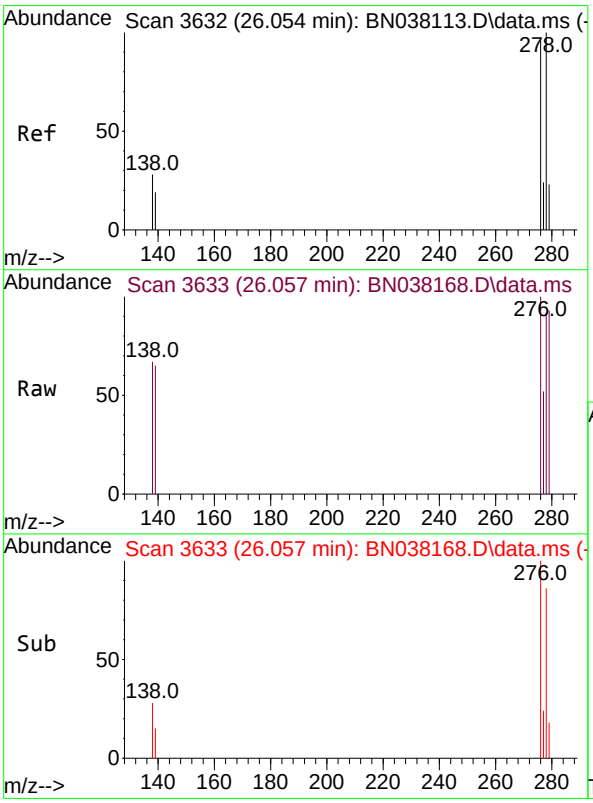
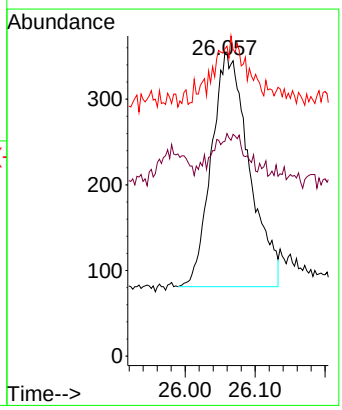
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

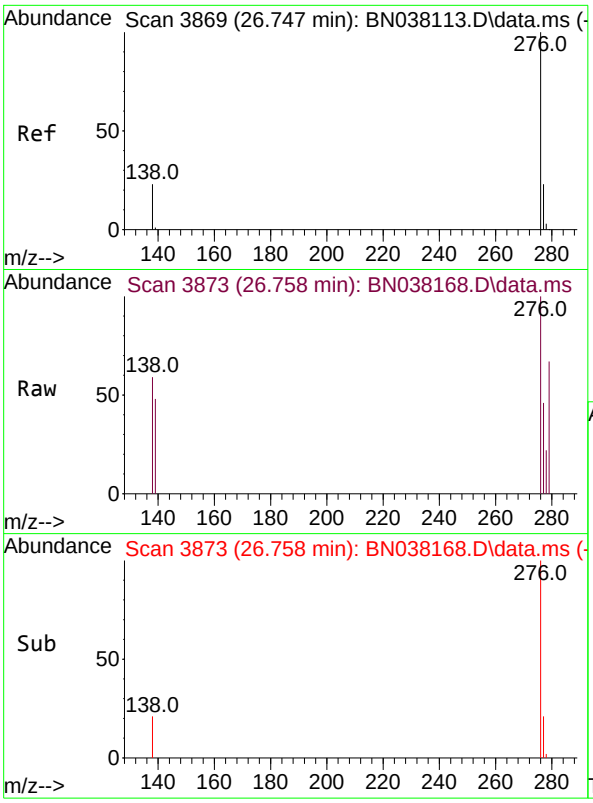


#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.057 min Scan# 3633
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:278 Resp: 1028

Ion	Ratio	Lower	Upper
278	100		
139	70.7	17.6	26.4#
279	101.1	22.6	33.8#

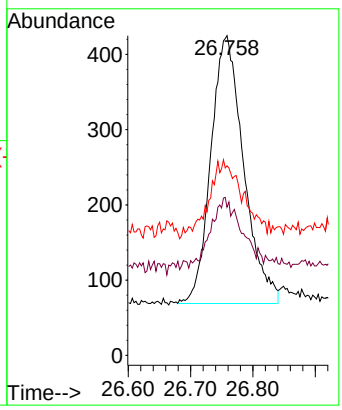




#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 26.758 min Scan# 3
Delta R.T. 0.008 min
Lab File: BN038168.D
Acq: 08 Nov 2025 00:07

Tgt Ion:276 Resp: 130

Ion	Ratio	Lower	Upper
276	100		
277	46.4	19.7	29.5#
138	59.3	20.2	30.4#



Instrument :
BNA_N
ClientSampleId :
EB-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

A B C D E F G H I J K

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038175.D
Acq On : 10 Nov 2025 10:50
Operator : RC/JU
Sample : PB170427BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Quant Time: Nov 10 11:14:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8905	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15040	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27324	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18808	0.400	ng	0.00
35) Perylene-d12	23.686	264	16112	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8333	0.397	ng	0.00
5) Phenol-d6	6.937	99	9450	0.370	ng	0.00
8) Nitrobenzene-d5	8.929	82	8230	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	14109	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1600	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23653	0.393	ng	0.00
27) Fluoranthene-d10	19.220	212	24982	0.363	ng	0.00
31) Terphenyl-d14	19.819	244	21057	0.515	ng	0.00
Target Compounds						Qvalue

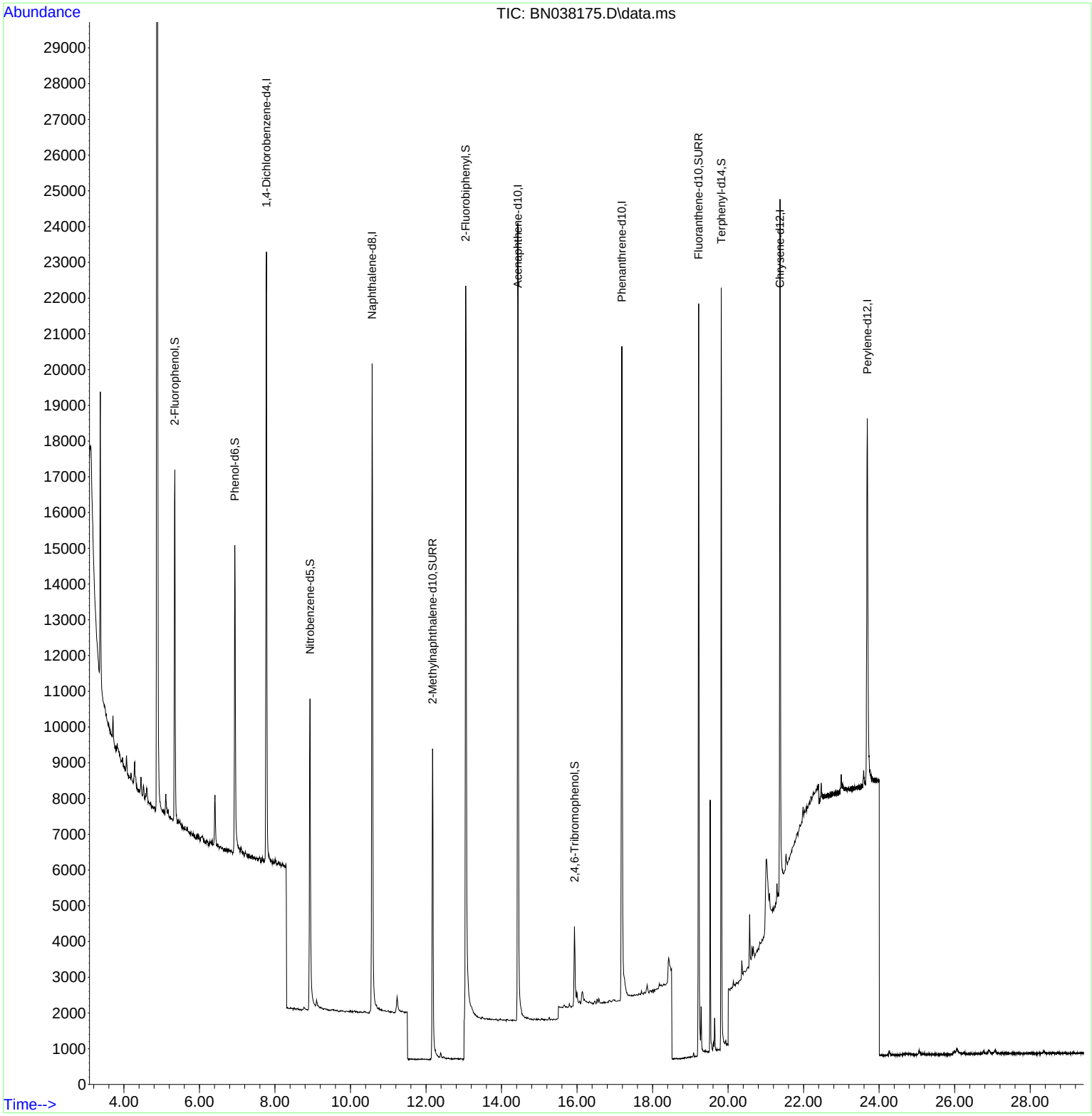
(#) = qualifier out of range (m) = manual integration (+) = signals summed

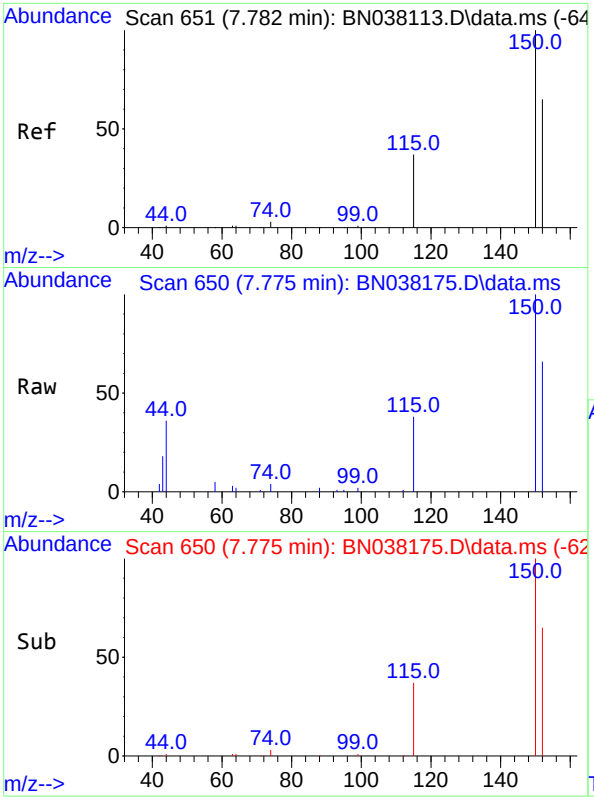
Sample Results: **BN038175.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038175.D
Acq On : 10 Nov 2025 10:50
Operator : RC/JU
Sample : PB170427BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Quant Time: Nov 10 11:14:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



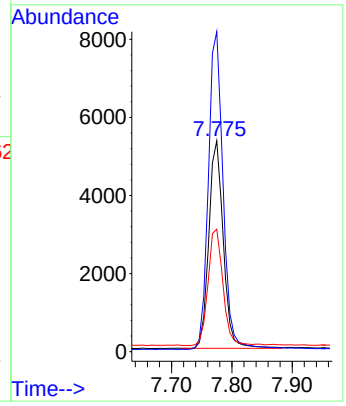


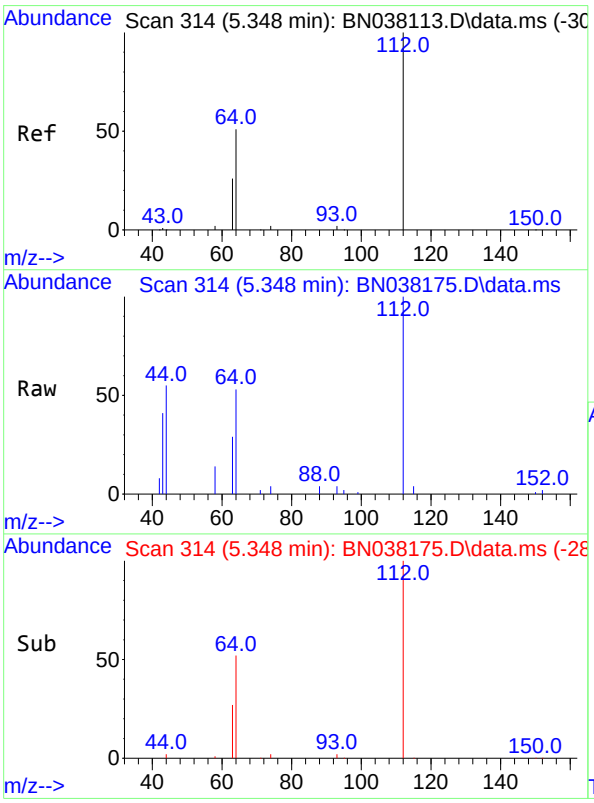
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:152 Resp: 8905

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.3	183.5
115	58.1	47.4	71.0

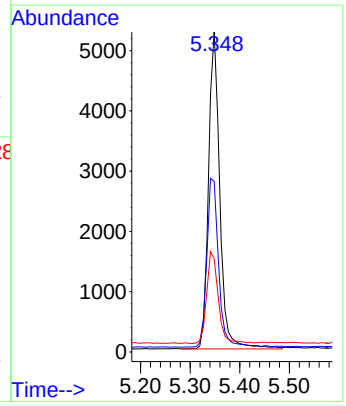


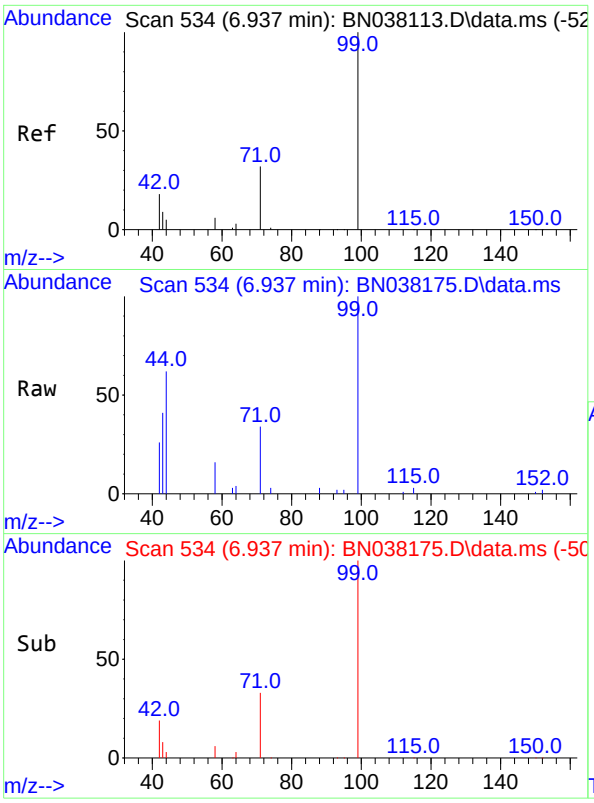


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:112 Resp: 8333

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.0
63	29.7	23.2	34.8



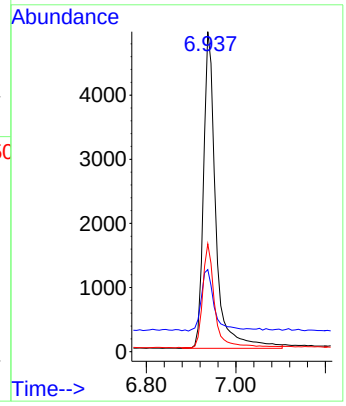


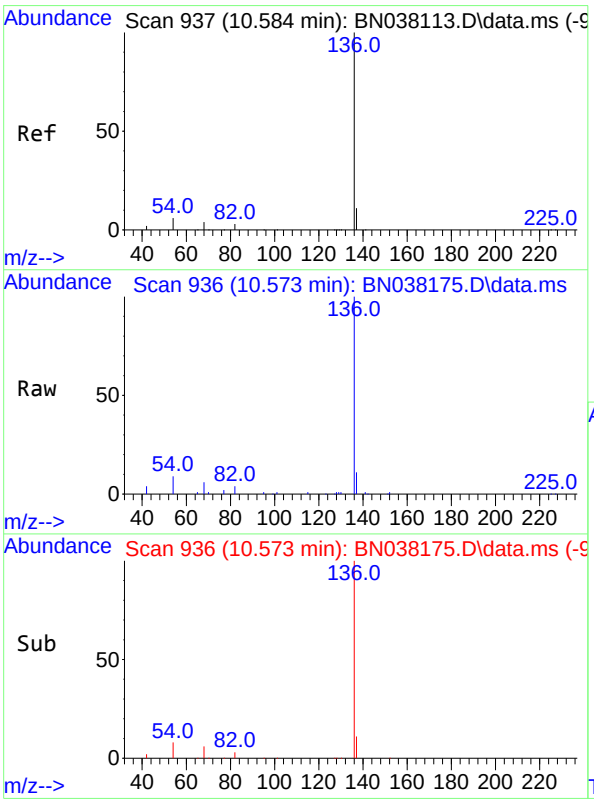
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion: 99 Resp: 9450

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.6	24.8
71	31.8	25.4	38.2

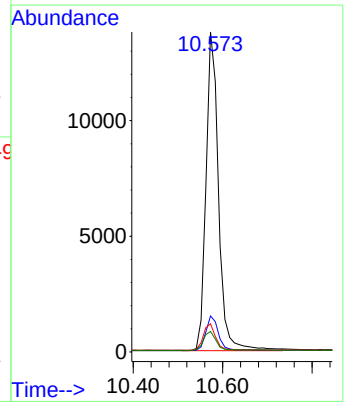


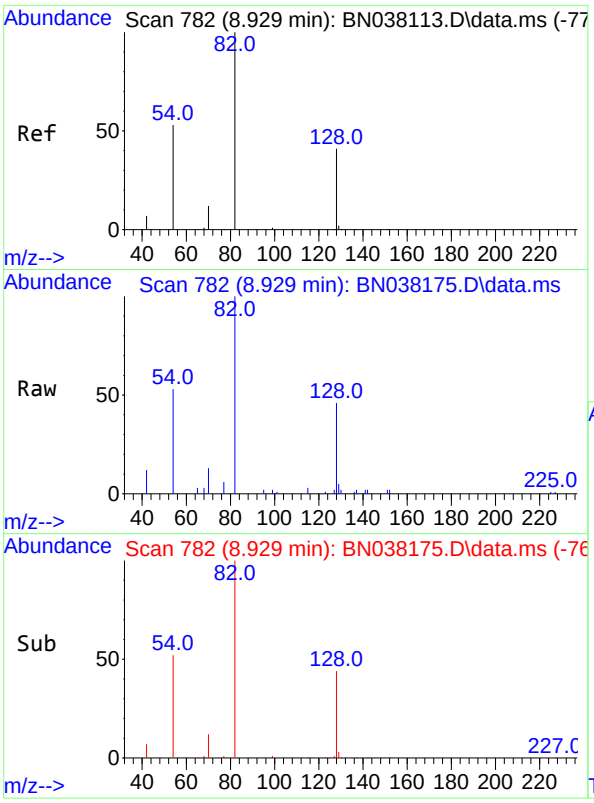


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:136 Resp: 26771

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.8	5.2	7.8#
68	6.4	4.1	6.1#



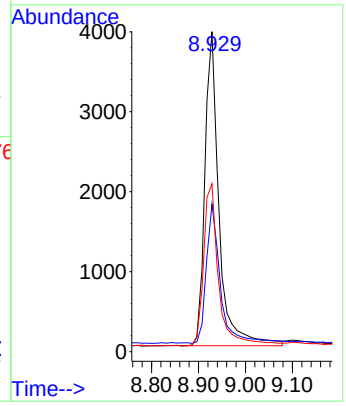


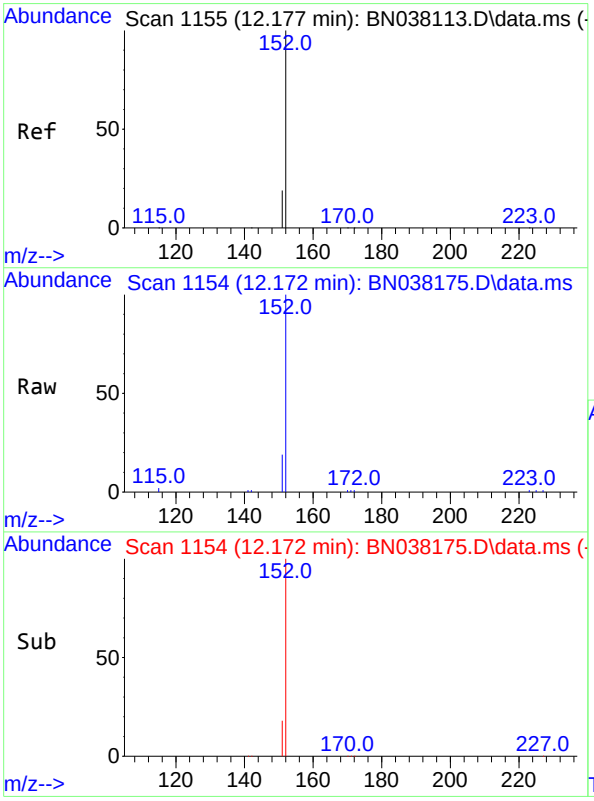
#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.929 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion: 82 Resp: 8230

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.1	51.1
54	52.5	43.5	65.3

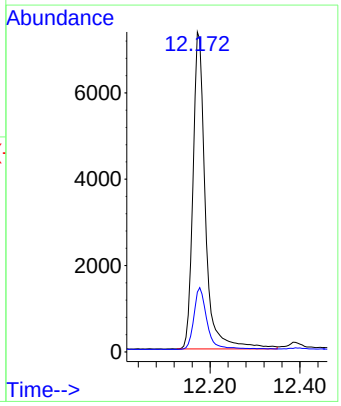


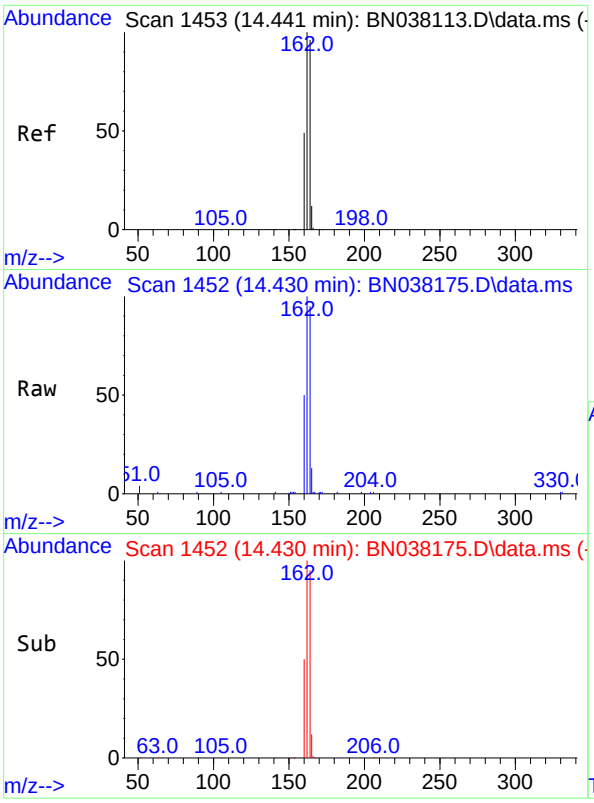


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:152 Resp: 14109

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2



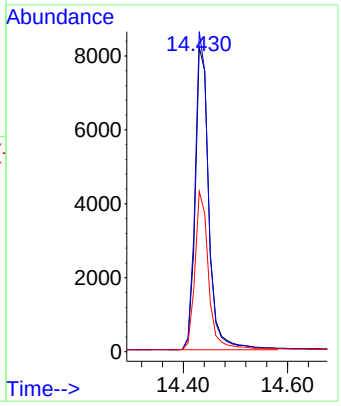


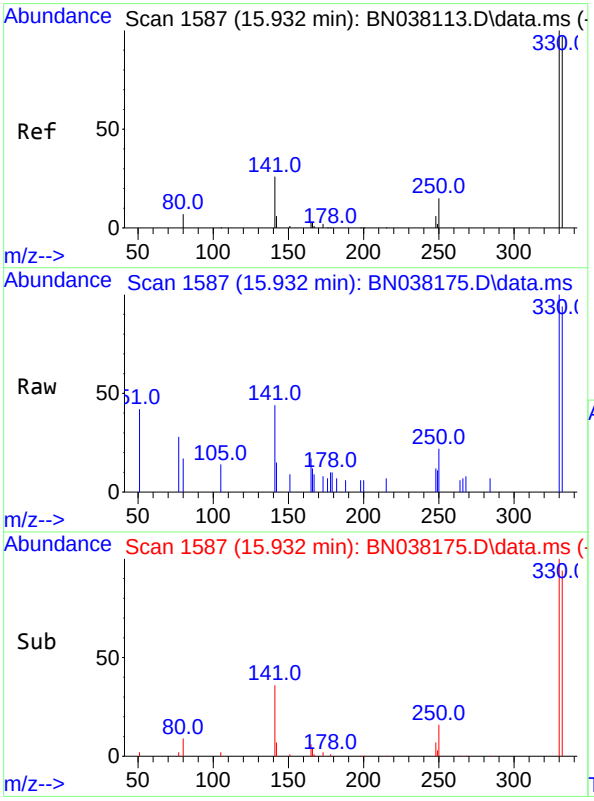
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:164 Resp: 15040

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.4
160	52.7	40.7	61.1

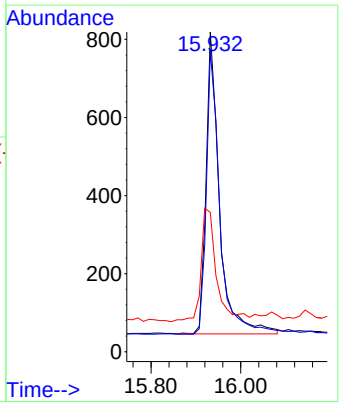


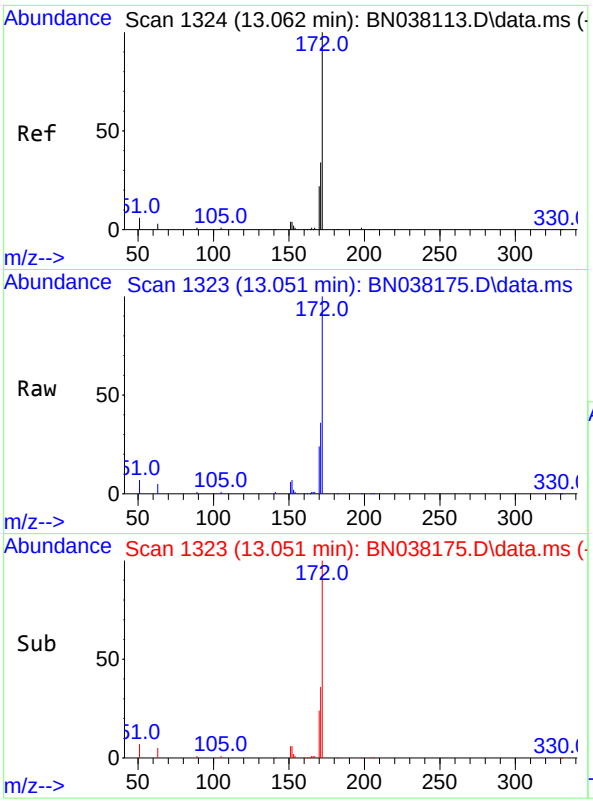


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:330 Resp: 1600

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	43.7	34.1	51.1



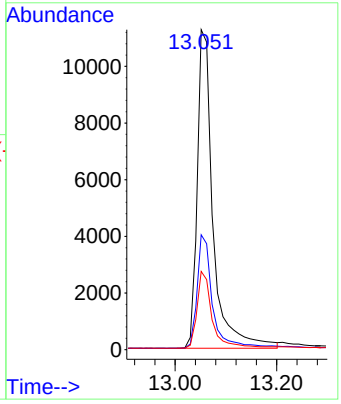


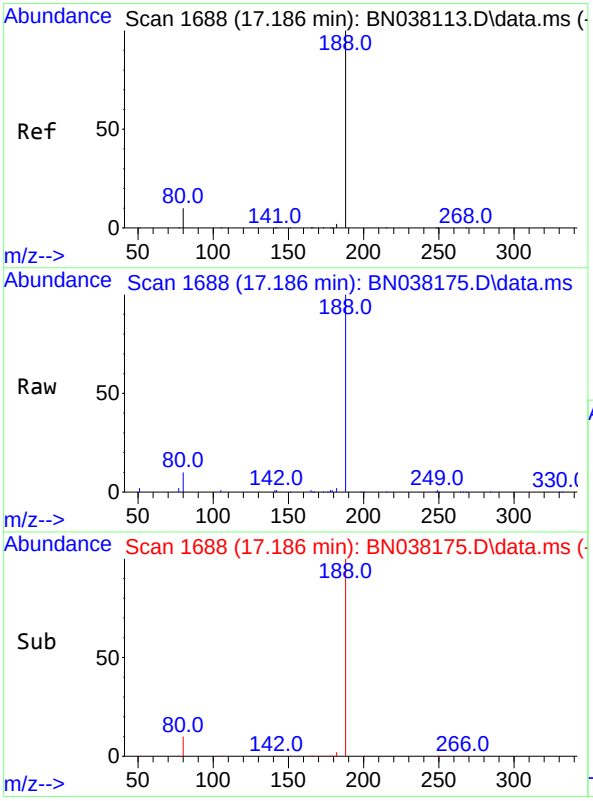
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:172 Resp: 23653

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.4	18.1	27.1

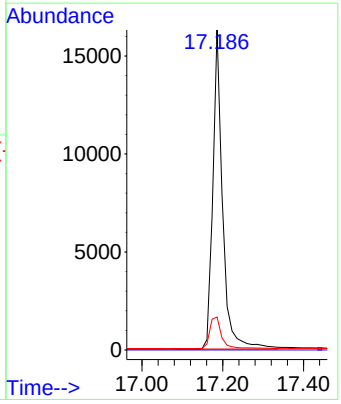


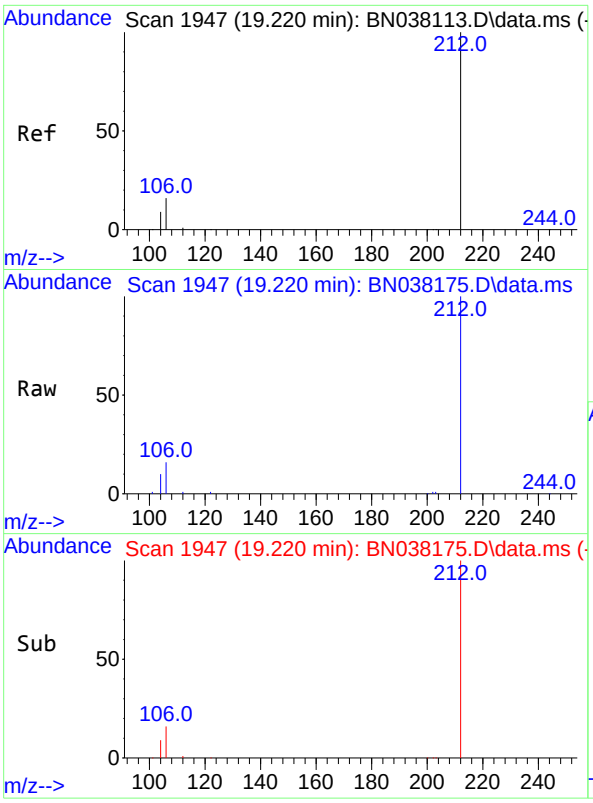


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:188 Resp: 27324

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.6	13.0



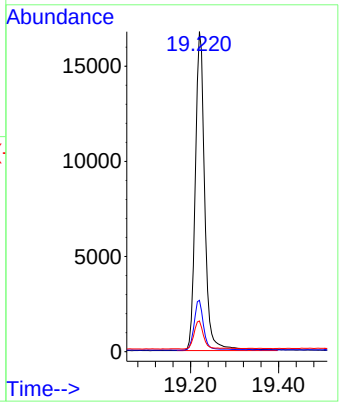


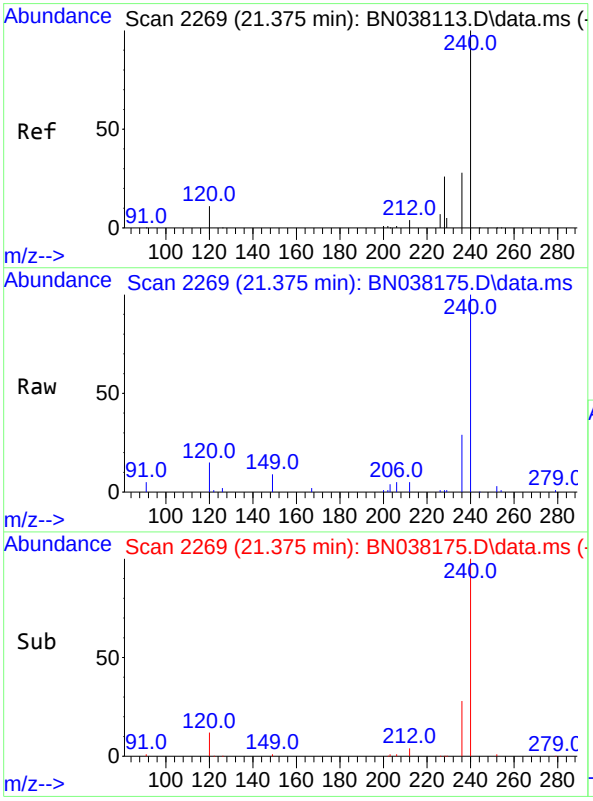
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:212 Resp: 24982

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.9	7.1	10.7

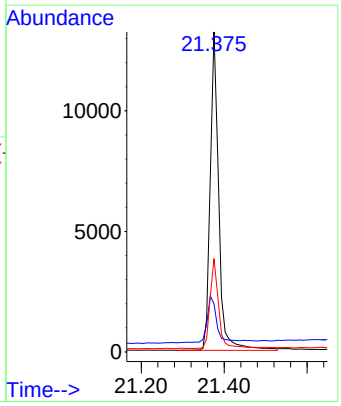


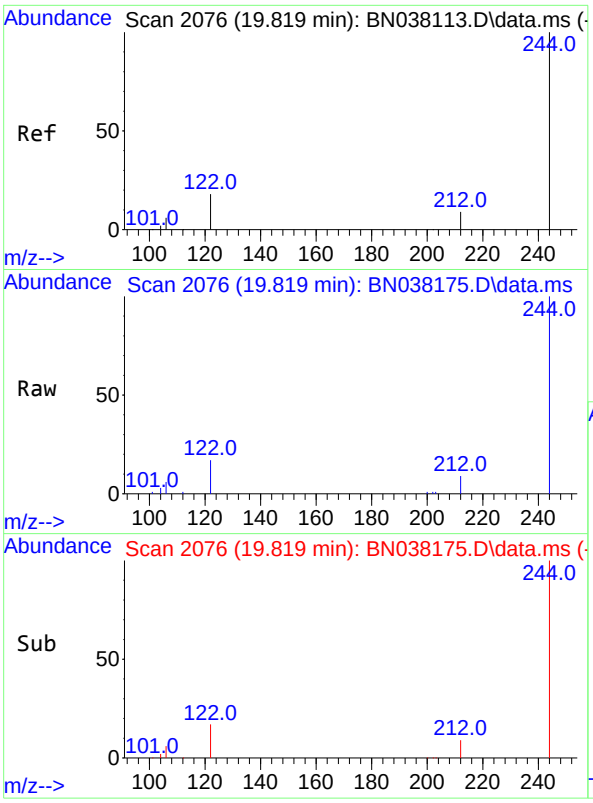


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:240 Resp: 18808

Ion	Ratio	Lower	Upper
240	100		
120	15.0	10.7	16.1
236	29.2	23.1	34.7



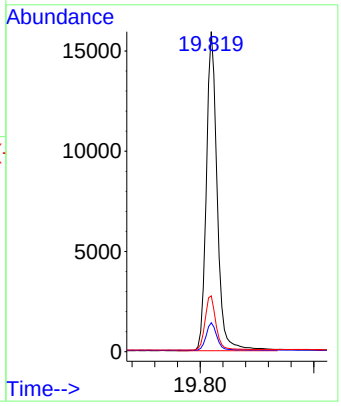


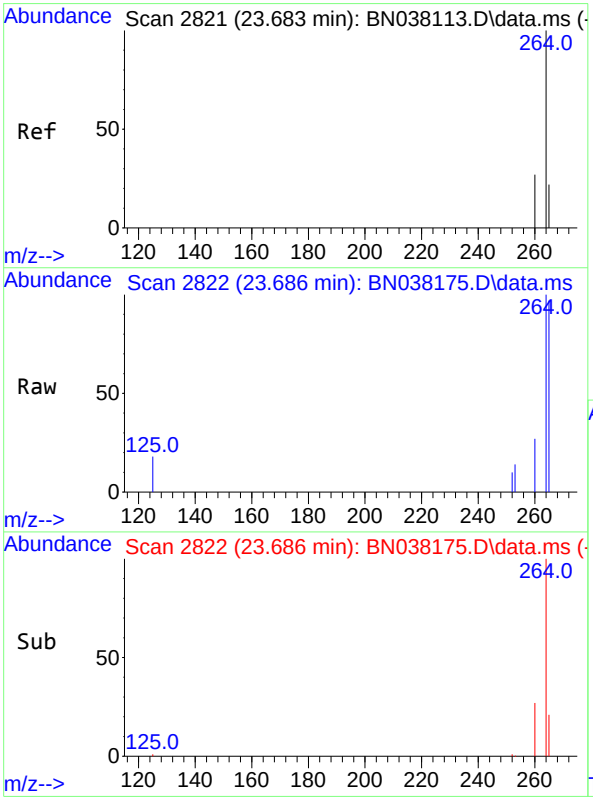
#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Instrument :
BNA_N
ClientSampleId :
PB170427BL

Tgt Ion:244 Resp: 21057

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	17.5	15.2	22.8

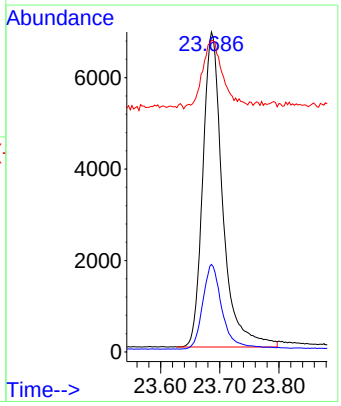




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:264 Resp: 16112

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	97.4	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038152.D
Acq On : 07 Nov 2025 13:44
Operator : RC/JU
Sample : PB170427BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BS

Quant Time: Nov 07 14:08:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

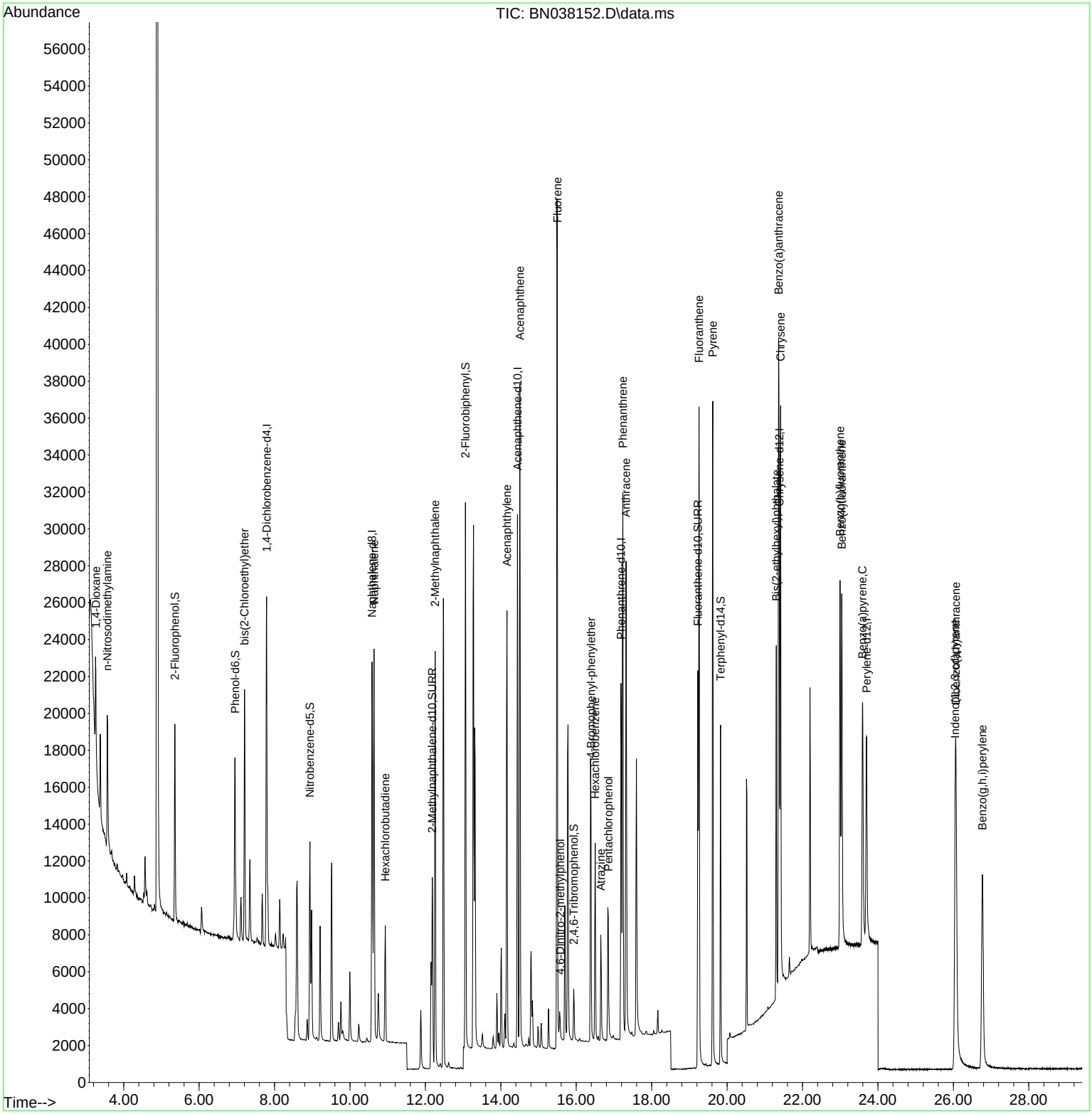
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	9551	0.400	ng		0.01
7) Naphthalene-d8	10.584	136	28713	0.400	ng	#	0.01
13) Acenaphthene-d10	14.441	164	15548	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	28280	0.400	ng	#	0.00
29) Chrysene-d12	21.384	240	19896	0.400	ng		0.00
35) Perylene-d12	23.698	264	16901	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	8583	0.381	ng		0.00
5) Phenol-d6	6.952	99	9985	0.364	ng		0.01
8) Nitrobenzene-d5	8.939	82	8637	0.373	ng		0.01
11) 2-Methylnaphthalene-d10	12.182	152	14534	0.354	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	1681	0.262	ng		0.00
15) 2-Fluorobiphenyl	13.062	172	24663	0.396	ng		0.01
27) Fluoranthene-d10	19.225	212	23866	0.335	ng		0.00
31) Terphenyl-d14	19.829	244	18959	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3113	0.315	ng	#	48
3) n-Nitrosodimethylamine	3.564	42	4808	0.379	ng	#	91
6) bis(2-Chloroethyl)ether	7.204	93	9905	0.368	ng		98
9) Naphthalene	10.637	128	27757	0.351	ng		99
10) Hexachlorobutadiene	10.936	225	4945	0.371	ng	#	98
12) 2-Methylnaphthalene	12.258	142	16694	0.317	ng		98
16) Acenaphthylene	14.163	152	27068	0.384	ng		99
17) Acenaphthene	14.505	154	16914	0.343	ng		99
18) Fluorene	15.499	166	22013	0.341	ng		99
20) 4,6-Dinitro-2-methylph...	15.572	198	1071	0.382	ng	#	76
21) 4-Bromophenyl-phenylether	16.391	248	6817	0.368	ng	#	80
22) Hexachlorobenzene	16.503	284	8050	0.382	ng		99
23) Atrazine	16.652	200	4722	0.348	ng		96
24) Pentachlorophenol	16.851	266	4254	0.468	ng		98
25) Phenanthrene	17.235	178	32744	0.365	ng		99
26) Anthracene	17.322	178	29076	0.370	ng		99
28) Fluoranthene	19.257	202	33640	0.335	ng		99
30) Pyrene	19.619	202	33342	0.371	ng		100
32) Benzo(a)anthracene	21.366	228	26226	0.369	ng		99
33) Chrysene	21.420	228	29053	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	12508	0.335	ng		99
36) Indeno(1,2,3-cd)pyrene	26.048	276	27599	0.397	ng		98
37) Benzo(b)fluoranthene	22.996	252	25492	0.353	ng		100
38) Benzo(k)fluoranthene	23.040	252	27198	0.374	ng		99
39) Benzo(a)pyrene	23.589	252	22526	0.389	ng		98
40) Dibenzo(a,h)anthracene	26.069	278	21440	0.401	ng		97
41) Benzo(g,h,i)perylene	26.770	276	23733	0.389	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038152.D
Acq On : 07 Nov 2025 13:44
Operator : RC/JU
Sample : PB170427BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BS

Quant Time: Nov 07 14:08:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038153.D
Acq On : 07 Nov 2025 14:20
Operator : RC/JU
Sample : PB170427BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BSD

Quant Time: Nov 07 14:43:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

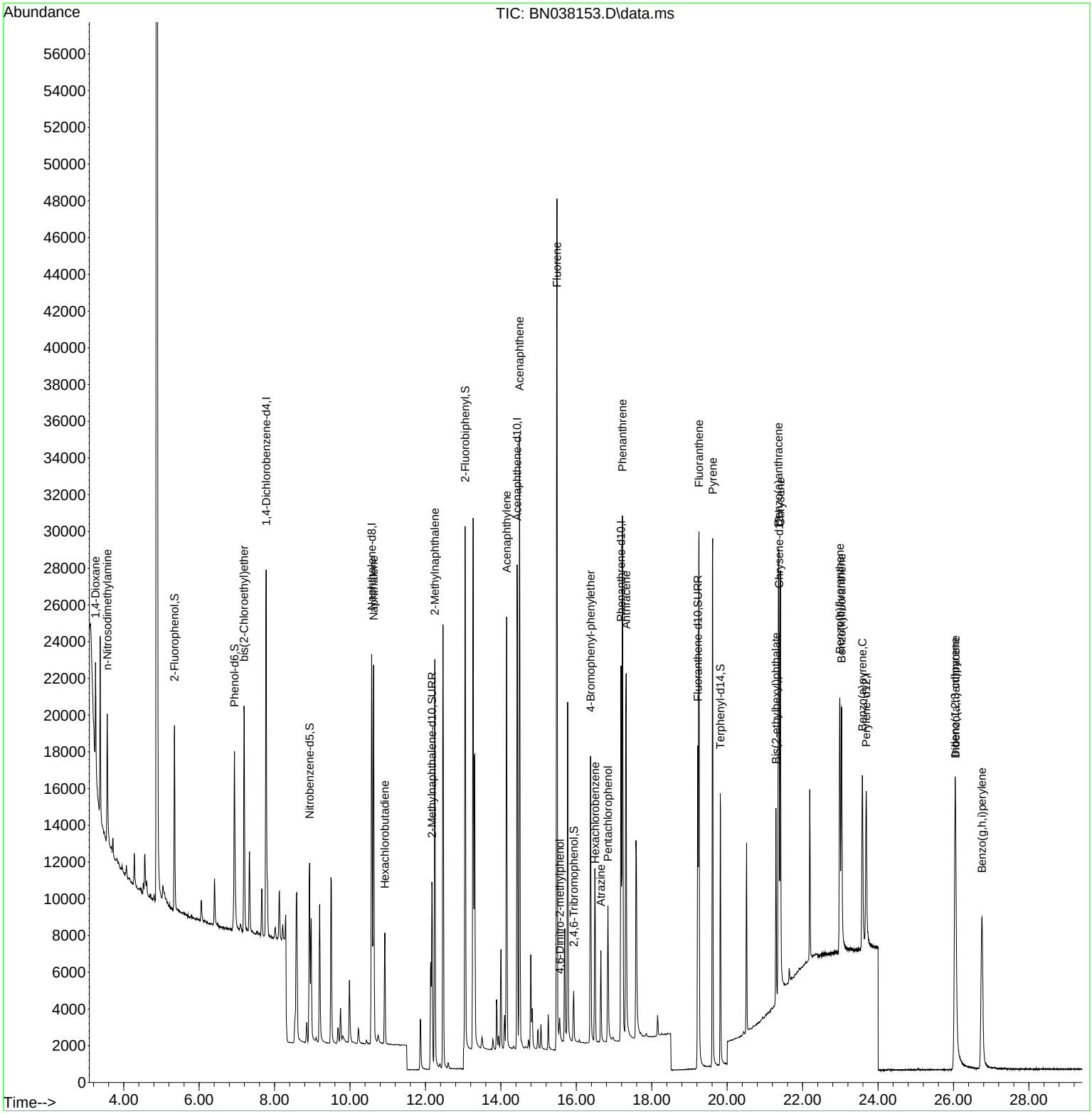
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10026	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28983	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15515	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27421	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14748	0.400	ng	0.00
35) Perylene-d12	23.686	264	12843	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8412	0.356	ng	0.00
5) Phenol-d6	6.937	99	9765	0.339	ng	0.00
8) Nitrobenzene-d5	8.928	82	8483	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	15313	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1709	0.267	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23399	0.377	ng	0.00
27) Fluoranthene-d10	19.220	212	20301	0.294	ng	0.00
31) Terphenyl-d14	19.819	244	15184	0.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3107	0.300	ng	# 63
3) n-Nitrosodimethylamine	3.564	42	4828	0.362	ng	# 92
6) bis(2-Chloroethyl)ether	7.190	93	9674	0.342	ng	97
9) Naphthalene	10.626	128	27698	0.347	ng	100
10) Hexachlorobutadiene	10.925	225	4883	0.363	ng	# 99
12) 2-Methylnaphthalene	12.248	142	16416	0.308	ng	99
16) Acenaphthylene	14.152	152	26047	0.371	ng	99
17) Acenaphthene	14.494	154	16275	0.331	ng	98
18) Fluorene	15.489	166	21962	0.341	ng	100
20) 4,6-Dinitro-2-methylph...	15.560	198	924	0.360	ng	94
21) 4-Bromophenyl-phenylether	16.379	248	6464	0.360	ng	96
22) Hexachlorobenzene	16.503	284	7742	0.379	ng	98
23) Atrazine	16.652	200	4195	0.319	ng	99
24) Pentachlorophenol	16.838	266	4005	0.455	ng	98
25) Phenanthrene	17.223	178	30077	0.345	ng	100
26) Anthracene	17.322	178	26370	0.346	ng	100
28) Fluoranthene	19.252	202	27890	0.287	ng	100
30) Pyrene	19.615	202	27217	0.409	ng	100
32) Benzo(a)anthracene	21.357	228	18326	0.348	ng	99
33) Chrysene	21.411	228	21315	0.373	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	8356	0.302	ng	99
36) Indeno(1,2,3-cd)pyrene	26.039	276	23211	0.440	ng	99
37) Benzo(b)fluoranthene	22.987	252	18803	0.342	ng	95
38) Benzo(k)fluoranthene	23.031	252	19981	0.362	ng	97
39) Benzo(a)pyrene	23.583	252	16370	0.372	ng	95
40) Dibenzo(a,h)anthracene	26.057	278	17788	0.438	ng	99
41) Benzo(g,h,i)perylene	26.756	276	20005	0.431	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038153.D
Acq On : 07 Nov 2025 14:20
Operator : RC/JU
Sample : PB170427BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170427BSD

Quant Time: Nov 07 14:43:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BN102825	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.8	BN038114.D	Benzo(b)fluoranthene	rahul	10/29/2025 9:43:43 AM	mohammad	10/30/2025 5:29:45 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BN110725	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-01	BN038149.D	2-Methylnaphthalene-d10	rahul	11/10/2025 8:45:47 AM	Jagrut	11/10/2025 12:19:48 PM	Peak Integrated by Software
Q3534-01	BN038149.D	Anthracene	rahul	11/10/2025 8:45:47 AM	Jagrut	11/10/2025 12:19:48 PM	Peak Integrated by Software
SSTDCCC0.4	BN038163.D	Benzo(b)fluoranthene	rahul	11/10/2025 8:45:59 AM	Jagrut	11/10/2025 12:19:57 PM	Peak Integrated by Software
Q3534-10	BN038168.D	Phenanthrene	rahul	11/10/2025 8:46:02 AM	Jagrut	11/10/2025 12:19:59 PM	Peak Integrated by Software
Q3534-01DL	BN038169.D	Nitrobenzene-d5	rahul	11/10/2025 8:46:04 AM	Jagrut	11/10/2025 12:20:01 PM	Peak Integrated by Software
SSTDCCC0.4	BN038172.D	Benzo(b)fluoranthene	rahul	11/10/2025 8:46:09 AM	Jagrut	11/10/2025 12:20:03 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BN111025	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM		
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM		
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038110.D	28 Oct 2025 12:05	RC/JU	Ok
2	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00	RC/JU	Ok
3	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36	RC/JU	Ok
4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	RC/JU	Ok
5	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49	RC/JU	Ok,M
6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25	RC/JU	Ok
7	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02	RC/JU	Ok
8	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	RC/JU	Ok
9	SSTDICV0.4	BN038118.D	28 Oct 2025 17:51	RC/JU	Ok
10	PB170167BL	BN038119.D	28 Oct 2025 19:04	RC/JU	Not Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM				
SubDirectory	BN110725	HP Acquire Method	BNA_N		HP Processing Method	BN102825	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038146.D	07 Nov 2025 09:00	RC/JU	Ok
2	SSTDCCC0.4	BN038147.D	07 Nov 2025 09:39	RC/JU	Ok
3	PB170427BL	BN038148.D	07 Nov 2025 10:15	RC/JU	Not Ok
4	Q3534-01	BN038149.D	07 Nov 2025 10:52	RC/JU	Dilution
5	Q3534-02	BN038150.D	07 Nov 2025 11:27	RC/JU	Dilution
6	Q3534-03	BN038151.D	07 Nov 2025 12:04	RC/JU	Dilution
7	PB170427BS	BN038152.D	07 Nov 2025 13:44	RC/JU	Ok
8	PB170427BSD	BN038153.D	07 Nov 2025 14:20	RC/JU	Ok
9	Q3552-03	BN038154.D	07 Nov 2025 14:56	RC/JU	Dilution
10	Q3534-05	BN038155.D	07 Nov 2025 15:33	RC/JU	Dilution
11	Q3552-05	BN038156.D	07 Nov 2025 16:10	RC/JU	Dilution
12	Q3534-04	BN038157.D	07 Nov 2025 16:46	RC/JU	Ok
13	Q3534-06	BN038158.D	07 Nov 2025 17:21	RC/JU	Ok
14	Q3534-07	BN038159.D	07 Nov 2025 17:58	RC/JU	Ok
15	Q3552-04	BN038160.D	07 Nov 2025 18:34	RC/JU	Ok
16	Q3552-01	BN038161.D	07 Nov 2025 19:10	RC/JU	Dilution
17	Q3552-02	BN038162.D	07 Nov 2025 19:46	RC/JU	Dilution
18	SSTDCCC0.4	BN038163.D	07 Nov 2025 20:22	RC/JU	Ok,M
19	DFTPP	BN038164.D	07 Nov 2025 21:38	RC/JU	Ok
20	SSTDCCC0.4	BN038165.D	07 Nov 2025 22:18	RC/JU	Ok
21	PB170427BL	BN038166.D	07 Nov 2025 22:54	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM				
SubDirectory	BN110725	HP Acquire Method	BNA_N		HP Processing Method	BN102825	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3534-09	BN038167.D	07 Nov 2025 23:31	RC/JU	Ok
23	Q3534-10	BN038168.D	08 Nov 2025 00:07	RC/JU	Ok,M
24	Q3534-01DL	BN038169.D	08 Nov 2025 00:44	RC/JU	Ok,M
25	Q3534-02DL	BN038170.D	08 Nov 2025 01:20	RC/JU	Ok
26	Q3534-03DL	BN038171.D	08 Nov 2025 01:57	RC/JU	Ok
27	SSTDCCC0.4	BN038172.D	08 Nov 2025 02:34	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN111025

Review By	rahul	Review On	11/11/2025 8:29:55 AM				
Supervise By	Jagrut	Supervise On	11/11/2025 10:33:05 AM				
SubDirectory	BN111025	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	BN102825		

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038173.D	10 Nov 2025 09:30	RC/JU	Ok
2	SSTDCCC0.4	BN038174.D	10 Nov 2025 10:14	RC/JU	Ok
3	PB170427BL	BN038175.D	10 Nov 2025 10:50	RC/JU	Ok
4	Q3534-05DL	BN038176.D	10 Nov 2025 11:26	RC/JU	Ok
5	Q3552-01DL	BN038177.D	10 Nov 2025 12:02	RC/JU	Ok
6	Q3552-05DL	BN038178.D	10 Nov 2025 12:39	RC/JU	Ok
7	Q3552-03DL	BN038179.D	10 Nov 2025 13:16	RC/JU	Ok
8	Q3552-02DL	BN038180.D	10 Nov 2025 13:52	RC/JU	Ok
9	SSTDCCC0.4	BN038181.D	10 Nov 2025 15:01	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN102825

Review By	rahul	Review On	10/28/2025 3:41:07 PM	
Supervise By	mohammad	Supervise On	10/30/2025 5:29:45 AM	
SubDirectory	BN102825	HP Acquire Method	BNA_N, 8270_HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038110.D	28 Oct 2025 12:05		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038111.D	28 Oct 2025 13:00		RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN038112.D	28 Oct 2025 13:36		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038113.D	28 Oct 2025 14:13	compound #20 kept on LR	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038114.D	28 Oct 2025 14:49		RC/JU	Ok,M
6	SSTDICC1.6	SSTDICC1.6	BN038115.D	28 Oct 2025 15:25		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038116.D	28 Oct 2025 16:02		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038117.D	28 Oct 2025 16:38	Compound #20 removed from 5PPM	RC/JU	Ok
9	SSTDICV0.4	ICVBN102825	BN038118.D	28 Oct 2025 17:51		RC/JU	Ok
10	PB170167BL	PB170167BL	BN038119.D	28 Oct 2025 19:04	END CCC missing, Analyzed for Contamination check.	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM		
SubDirectory	BN110725	HP Acquire Method	BNA_N	HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038146.D	07 Nov 2025 09:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038147.D	07 Nov 2025 09:39		RC/JU	Ok
3	PB170427BL	PB170427BL	BN038148.D	07 Nov 2025 10:15	Analyzed for contamination check	RC/JU	Not Ok
4	Q3534-01	MW-6	BN038149.D	07 Nov 2025 10:52	Internal standard failed,,Need 10X Dilution	RC/JU	Dilution
5	Q3534-02	MW-1	BN038150.D	07 Nov 2025 11:27	Need 30X Dilution	RC/JU	Dilution
6	Q3534-03	MW-11	BN038151.D	07 Nov 2025 12:04	Need 2X Dilution	RC/JU	Dilution
7	PB170427BS	PB170427BS	BN038152.D	07 Nov 2025 13:44		RC/JU	Ok
8	PB170427BSD	PB170427BSD	BN038153.D	07 Nov 2025 14:20		RC/JU	Ok
9	Q3552-03	MW-9	BN038154.D	07 Nov 2025 14:56	Internal standard failed,Need 10X Dilution	RC/JU	Dilution
10	Q3534-05	MW-EB-1	BN038155.D	07 Nov 2025 15:33	Internal standard failed,Need 2X Dilution	RC/JU	Dilution
11	Q3552-05	MW-3	BN038156.D	07 Nov 2025 16:10	Internal standard failed,Need 10X Dilution	RC/JU	Dilution
12	Q3534-04	MW-5	BN038157.D	07 Nov 2025 16:46		RC/JU	Ok
13	Q3534-06	MW-EB-2	BN038158.D	07 Nov 2025 17:21		RC/JU	Ok
14	Q3534-07	MW-EB-3	BN038159.D	07 Nov 2025 17:58		RC/JU	Ok
15	Q3552-04	MW-10	BN038160.D	07 Nov 2025 18:34		RC/JU	Ok
16	Q3552-01	MW-4	BN038161.D	07 Nov 2025 19:10	Need 40X Dilution	RC/JU	Dilution
17	Q3552-02	MW-8	BN038162.D	07 Nov 2025 19:46	Need 5X Dilution	RC/JU	Dilution

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN110725

Review By	rahul	Review On	11/7/2025 2:34:23 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 12:20:28 PM		
SubDirectory	BN110725	HP Acquire Method	BNA_N	HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	SSTDCCC0.4	SSTDCCC0.4EC	BN038163.D	07 Nov 2025 20:22		RC/JU	Ok,M
19	DFTPP	DFTPP	BN038164.D	07 Nov 2025 21:38		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN038165.D	07 Nov 2025 22:18		RC/JU	Ok
21	PB170427BL	PB170427BL	BN038166.D	07 Nov 2025 22:54		RC/JU	Ok
22	Q3534-09	FB-1	BN038167.D	07 Nov 2025 23:31		RC/JU	Ok
23	Q3534-10	EB-1	BN038168.D	08 Nov 2025 00:07		RC/JU	Ok,M
24	Q3534-01DL	MW-6DL	BN038169.D	08 Nov 2025 00:44		RC/JU	Ok,M
25	Q3534-02DL	MW-1DL	BN038170.D	08 Nov 2025 01:20		RC/JU	Ok
26	Q3534-03DL	MW-11DL	BN038171.D	08 Nov 2025 01:57		RC/JU	Ok
27	SSTDCCC0.4	SSTDCCC0.4EC	BN038172.D	08 Nov 2025 02:34		RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN111025

Review By	rahul	Review On	11/11/2025 8:29:55 AM	
Supervise By	Jagrut	Supervise On	11/11/2025 10:33:05 AM	
SubDirectory	BN111025	HP Acquire Method	BNA_N, 8270_HP Processing Method	BN102825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6897,SP6898,SP6900,SP6901,SP6902,SP6903,SP6904
CCC	SP6902
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6906
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038173.D	10 Nov 2025 09:30		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038174.D	10 Nov 2025 10:14		RC/JU	Ok
3	PB170427BL	PB170427BL	BN038175.D	10 Nov 2025 10:50		RC/JU	Ok
4	Q3534-05DL	MW-EB-1DL	BN038176.D	10 Nov 2025 11:26		RC/JU	Ok
5	Q3552-01DL	MW-4DL	BN038177.D	10 Nov 2025 12:02		RC/JU	Ok
6	Q3552-05DL	MW-3DL	BN038178.D	10 Nov 2025 12:39		RC/JU	Ok
7	Q3552-03DL	MW-9DL	BN038179.D	10 Nov 2025 13:16		RC/JU	Ok
8	Q3552-02DL	MW-8DL	BN038180.D	10 Nov 2025 13:52		RC/JU	Ok
9	SSTDCCC0.4	SSTDCCC0.4EC	BN038181.D	10 Nov 2025 15:01		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170427

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/06/2025
Matrix :	Water			**Extraction Start Time :**	10:03
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/06/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	15:05
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6876
Surrogate	1.0ML	0.4 PPM	SP6893
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443. Q3534-09 & 10 split the volume.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext Lab)	JG/SV02
15:10	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170427

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170427BL	SBLK427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			SEP-1
PB170427BS	SLCS427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			2
PB170427BS D	SLCSD427	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			3
Q3534-01	MW-6	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		4
Q3534-02	MW-1	SVOC-SIMGrou p1	940	6	RUPESH	ritesh	1	M		5
Q3534-03	MW-11	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	M		6
Q3534-04	MW-5	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		7
Q3534-05	MW-EB-1	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	M		8
Q3534-06	MW-EB-2	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	M		9
Q3534-07	MW-EB-3	SVOC-SIMGrou p1	950	6	RUPESH	ritesh	1	M		10
Q3534-09	FB-1	SVOC-SIMGrou p1	500	6	RUPESH	ritesh	0.5	M		11
Q3534-10	EB-1	SVOC-SIMGrou p1	500	6	RUPESH	ritesh	0.5	M		12
Q3552-01	MW-4	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		13
Q3552-02	MW-8	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		14
Q3552-03	MW-9	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		15
Q3552-04	MW-10	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	M		16
Q3552-05	MW-3	SVOC-SIMGrou p1	960	6	RUPESH	ritesh	1	M		17

RS 11/6

*** Extracts relinquished on the same date as received.**

170425
10:03

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3552 **WorkList ID :** 192937 **Department :** Extraction **Date :** 11-06-2025 08:49:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-02	MW-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-03	MW-11	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-04	MW-5	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-05	MW-EB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3534-06	MW-EB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-07	MW-EB-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3534-09	FB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/03/2025	8270-Modified
Q3534-10	EB-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3552-01	MW-4	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D31	11/04/2025	8270-Modified
Q3552-02	MW-8	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-03	MW-9	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-04	MW-10	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified
Q3552-05	MW-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/05/2025	8270-Modified
Q3552-01	MW-4	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/04/2025	8270-Modified

Date/Time 11/6/25 10:00
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: SH

Date/Time 11/6/25 10:40
Raw Sample Received by: SH
Raw Sample Relinquished by: RS (Ext lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-01DL	**MW-6DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-02	**MW-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-02DL	**MW-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-03	**MW-11**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-03DL	**MW-11DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-04	**MW-5**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-05	**MW-EB-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-05DL	**MW-EB-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3534-06	**MW-EB-2**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-07	**MW-EB-3**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-09	**FB-1**	**Water**			**11/04/25**			**11/04/25**

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LAB CHRONICLE

			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
Q3534-10	**EB-1**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-6									
Q3534-01	MW-6	WATER	n-Nitrosodiphenylamine		11.900		0.61	5.3	ug/L
Q3534-01	MW-6	WATER	1,4-Dioxane		17.100		1.1	5.3	ug/L
			Total Svoc :				**29.00**		
Q3534-01	MW-6	WATER	2(3H)-Benzothiazolone	*	34.100	J	0	0	ug/L
Q3534-01	MW-6	WATER	4,7-Methano-5H-inden-5-one, 3,3	*	32.400	J	0	0	ug/L
Q3534-01	MW-6	WATER	Benzenesulfonamide, N-ethyl-4-m	*	8.900	J	0	0	ug/L
Q3534-01	MW-6	WATER	Benzoic acid, p-tert-butyl-	*	12.300	J	0	0	ug/L
Q3534-01	MW-6	WATER	Cyclohexanamine, N-cyclohexyl-	*	13.800	J	0	0	ug/L
Q3534-01	MW-6	WATER	Ethanol, 2-butoxy-, phosphate (3:	*	9.300	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenazine	*	9.600	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenol, 4,4-(1-methylethylidene)b	*	22.800	J	0	0	ug/L
Q3534-01	MW-6	WATER	Phenol, p-tert-butyl-	*	50.100	J	0	0	ug/L
Q3534-01	MW-6	WATER	Triethyl phosphate	*	5.700	J	0	0	ug/L
			Total Tics :				**199.00**		
			Total Concentration:				**228.00**		
Client ID : MW-1									
Q3534-02	MW-1	WATER	1,4-Dioxane		75.500		1.1	5.3	ug/L
			Total Svoc :				**75.50**		
Q3534-02	MW-1	WATER	Benzophenone	*	5.200	J	0	0	ug/L
			Total Tics :				**5.20**		
			Total Concentration:				**80.70**		
Client ID : MW-11									
Q3534-03	MW-11	WATER	1,4-Dioxane		5.900		1	5.1	ug/L
			Total Svoc :				**5.90**		
			Total Concentration:				**5.90**		
Client ID : MW-5									
Q3534-04	MW-5	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.7	5.3	ug/L
Q3534-04	MW-5	WATER	1,4-Dioxane		3.900	J	1.1	5.3	ug/L
			Total Svoc :				**6.90**		
Q3534-04	MW-5	WATER	n-Hexadecanoic acid	*	4.500	J	0	0	ug/L
Q3534-04	MW-5	WATER	Phenol, 4,4-(1-methylethylidene)b	*	2.300	J	0	0	ug/L
Q3534-04	MW-5	WATER	Amobarbital	*	19.500	J	0	0	ug/L
Q3534-04	MW-5	WATER	Benzoic acid, p-tert-butyl-	*	3.800	J	0	0	ug/L
Q3534-04	MW-5	WATER	Benzophenone	*	4.600	J	0	0	ug/L
			Total Tics :				**34.70**		
			Total Concentration:				**41.60**		

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-EB-1									
Q3534-05	MW-EB-1	WATER	n-Nitrosodiphenylamine		3.900	J	0.6	5.2	ug/L
Q3534-05	MW-EB-1	WATER	1,4-Dioxane		7.500		1	5.2	ug/L
			Total Svoc :				**11.40**		
Q3534-05	MW-EB-1	WATER	Phenobarbital	*	11.300	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, 4-(1,1-dimethylpropyl)-	*	120.000	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, 4,4-(1-methylethylidene)b	*	11.100	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Phenol, p-tert-butyl-	*	280.000	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Triethylamine	*	9.800	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	2(3H)-Benzothiazolone	*	27.300	J	0	0	ug/L
Q3534-05	MW-EB-1	WATER	Indane	*	42.900	J	0	0	ug/L
			Total Tics :				**502.40**		
			Total Concentration:				**513.80**		
Client ID : MW-EB-2									
Q3534-06	MW-EB-2	WATER	1,4-Dioxane		3.600	J	1	5.1	ug/L
			Total Svoc :				**3.60**		
Q3534-06	MW-EB-2	WATER	Amobarbital	*	15.800	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Benzophenone	*	7.400	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Hexanoic acid, 2-ethyl-	*	38.500	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	n-Hexadecanoic acid	*	7.300	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Phenobarbital	*	3.100	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Phenol, 2-(1,1,3,3-tetramethylbuty	*	3.500	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Tributyl phosphate	*	3.200	J	0	0	ug/L
Q3534-06	MW-EB-2	WATER	Benzoic acid	*	6.100	J	4.3	10.2	ug/L
			Total Tics :				**84.90**		
			Total Concentration:				**88.50**		
Client ID : MW-EB-3									
Q3534-07	MW-EB-3	WATER	n-Nitrosodiphenylamine		2.200	J	0.6	5.2	ug/L
			Total Svoc :				**2.20**		
Q3534-07	MW-EB-3	WATER	Benzophenone	*	4.200	J	0	0	ug/L
Q3534-07	MW-EB-3	WATER	n-Hexadecanoic acid	*	4.600	J	0	0	ug/L
Q3534-07	MW-EB-3	WATER	Phenol, 4,4-(1-methylethylidene)b	*	4.300	J	0	0	ug/L
			Total Tics :				**13.10**		
			Total Concentration:				**15.30**		
Client ID : FB-1									
Q3534-09	FB-1	WATER	Bis(2-ethylhexyl)phthalate		2.900	J	1.6	5	ug/L
			Total Svoc :				**2.90**		
Q3534-09	FB-1	WATER	1H-Benzotriazole, 4-methyl-	*	8.000	J	0	0	ug/L
Q3534-09	FB-1	WATER	Hexadecanoic acid, methyl ester	*	4.400	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q3534-09	FB-1	WATER	Hexanoic acid, 2-ethyl-	*	89.500	J	0	0	ug/L
Q3534-09	FB-1	WATER	Methyl stearate	*	2.000	J	0	0	ug/L
Q3534-09	FB-1	WATER	n-Hexadecanoic acid	*	3.900	J	0	0	ug/L
Q3534-09	FB-1	WATER	Octadecanoic acid	*	2.300	J	0	0	ug/L
Q3534-09	FB-1	WATER	trans-13-Octadecenoic acid	*	7.200	J	0	0	ug/L
Q3534-09	FB-1	WATER	Benzoic acid	*	6.700	J	4.2	10	ug/L
			Total Tics :		**124.00**				
			Total Concentration:		**126.90**				
Client ID : EB-1									
Q3534-10	EB-1	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
			Total Svoc :		**2.80**				
Q3534-10	EB-1	WATER	Benzidine	*	41.500	J	4.3	10	ug/L
			Total Tics :		**41.50**				
			Total Concentration:		**44.30**				

SAMPLE DATA

Raw Data: **BG064711.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/06/25 20:33	PB170424
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/06/25 20:33	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/06/25 20:33	PB170424
95-57-8	2-Chlorophenol	0.61	U	1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 20:33	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/06/25 20:33	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 20:33	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/06/25 20:33	PB170424
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/06/25 20:33	PB170424
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.30	ug/L	11/06/25 20:33	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 20:33	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/06/25 20:33	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/06/25 20:33	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 20:33	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/06/25 20:33	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 20:33	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/06/25 20:33	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/06/25 20:33	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/06/25 20:33	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 20:33	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/06/25 20:33	PB170424

Raw Data: **BG064711.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	11.9		1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/06/25 20:33	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/06/25 20:33	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/06/25 20:33	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/06/25 20:33	PB170424
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/06/25 20:33	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/06/25 20:33	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/06/25 20:33	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 20:33	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 20:33	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 20:33	PB170424
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 20:33	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
123-91-1	1,4-Dioxane	17.1		1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	69.3			15 (23) - 110 (138)	46%	SPK: 150		
13127-88-3	Phenol-d6	44.1			15 (10) - 110 (134)	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	114			30 (67) - 130 (132)	114%	SPK: 100		
321-60-8	2-Fluorobiphenyl	94.1			30 (52) - 130 (132)	94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	189	*		15 (44) - 110 (137)	126%	SPK: 150		
1718-51-0	Terphenyl-d14	91.5			30 (42) - 130 (152)	92%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	31000							
1146-65-2	Naphthalene-d8	122000							
15067-26-2	Acenaphthene-d10	100000							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	286000							
1520-96-3	Perylene-d12	321000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-40-0	Triethyl phosphate	5.70	J			9.65	ug/L		
000098-54-4	Phenol, p-tert-butyl-	50.1	J			12.3	ug/L		

Raw Data: **BG064711.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-6			SDG No.:	Q3534
Lab Sample ID:	Q3534-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
014888-58-5	4,7-Methano-5H-inden-5-one, 3,3a,4	32.4	J			12.4	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	13.8	J			14.3	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	12.3	J			14.6	ug/L		
000934-34-9	2(3H)-Benzothiazolone	34.1	J			16.5	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	8.90	J			16.8	ug/L		
000092-82-0	Phenazine	9.60	J			17.2	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	22.8	J			20.0	ug/L		
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	9.30	J			20.9	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BF144191.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.20	U	1	4.20	10.6	ug/L	11/06/25 16:54	PB170424
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/06/25 16:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/06/25 16:54	PB170424
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 16:54	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 16:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/06/25 16:54	PB170424
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/06/25 16:54	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/06/25 16:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/06/25 16:54	PB170424
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/06/25 16:54	PB170424
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/06/25 16:54	PB170424
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/06/25 16:54	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 16:54	PB170424
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/06/25 16:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 16:54	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/06/25 16:54	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 16:54	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/06/25 16:54	PB170424
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/06/25 16:54	PB170424
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/06/25 16:54	PB170424
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/06/25 16:54	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 16:54	PB170424
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/06/25 16:54	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 16:54	PB170424
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/06/25 16:54	PB170424
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/06/25 16:54	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/06/25 16:54	PB170424
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/06/25 16:54	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/06/25 16:54	PB170424
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 16:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 16:54	PB170424
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/06/25 16:54	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 16:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/06/25 16:54	PB170424

Raw Data: **BF144191.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.62	U	1	0.62	5.30	ug/L	11/06/25 16:54	PB170424
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/06/25 16:54	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/06/25 16:54	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/06/25 16:54	PB170424
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/06/25 16:54	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 16:54	PB170424
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/06/25 16:54	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 16:54	PB170424
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/06/25 16:54	PB170424
91-94-1	3,3-Dichlorobenzidine	0.99	U	1	0.99	10.6	ug/L	11/06/25 16:54	PB170424
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/06/25 16:54	PB170424
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/06/25 16:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 16:54	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/06/25 16:54	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 16:54	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 16:54	PB170424
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/06/25 16:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/06/25 16:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 16:54	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 16:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 16:54	PB170424
123-91-1	1,4-Dioxane	75.5		1	1.10	5.30	ug/L	11/06/25 16:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/06/25 16:54	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	78.6			15 (23) - 110 (138)	52%	SPK: 150		
13127-88-3	Phenol-d6	58.5			15 (10) - 110 (134)	39%	SPK: 150		
4165-60-0	Nitrobenzene-d5	93.3			30 (67) - 130 (132)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.1			30 (52) - 130 (132)	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	133			15 (44) - 110 (137)	89%	SPK: 150		
1718-51-0	Terphenyl-d14	75.7			30 (42) - 130 (152)	76%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	63900							
1146-65-2	Naphthalene-d8	245000							
15067-26-2	Acenaphthene-d10	136000							
1517-22-2	Phenanthrene-d10	213000							
1719-03-5	Chrysene-d12	155000							
1520-96-3	Perylene-d12	207000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	5.20	J			10.6	ug/L		

Raw Data: **BF144191.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-02			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026082.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.2	ug/L	11/06/25 18:26	PB170424
108-95-2	Phenol	0.93	U	1	0.93	5.10	ug/L	11/06/25 18:26	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.83	U	1	0.83	5.10	ug/L	11/06/25 18:26	PB170424
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/06/25 18:26	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/06/25 18:26	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/06/25 18:26	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.10	ug/L	11/06/25 18:26	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.2	ug/L	11/06/25 18:26	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.60	ug/L	11/06/25 18:26	PB170424
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/06/25 18:26	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.10	ug/L	11/06/25 18:26	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.10	ug/L	11/06/25 18:26	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/06/25 18:26	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/06/25 18:26	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/06/25 18:26	PB170424
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
106-47-8	4-Chloroaniline	0.86	UQ	1	0.86	5.10	ug/L	11/06/25 18:26	PB170424
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/06/25 18:26	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.2	ug/L	11/06/25 18:26	PB170424
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/06/25 18:26	PB170424
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/06/25 18:26	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.2	ug/L	11/06/25 18:26	PB170424
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/06/25 18:26	PB170424
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/06/25 18:26	PB170424
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/06/25 18:26	PB170424
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/06/25 18:26	PB170424
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.10	ug/L	11/06/25 18:26	PB170424
606-20-2	2,6-Dinitrotoluene	0.94	U	1	0.94	5.10	ug/L	11/06/25 18:26	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.10	ug/L	11/06/25 18:26	PB170424
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/06/25 18:26	PB170424
51-28-5	2,4-Dinitrophenol	6.10	U	1	6.10	10.2	ug/L	11/06/25 18:26	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.2	ug/L	11/06/25 18:26	PB170424
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/06/25 18:26	PB170424
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/06/25 18:26	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/06/25 18:26	PB170424
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/06/25 18:26	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/06/25 18:26	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.2	ug/L	11/06/25 18:26	PB170424

Raw Data: **BP026082.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/06/25 18:26	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.10	ug/L	11/06/25 18:26	PB170424
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/06/25 18:26	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.2	ug/L	11/06/25 18:26	PB170424
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/06/25 18:26	PB170424
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/06/25 18:26	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/06/25 18:26	PB170424
206-44-0	Fluoranthene	0.84	U	1	0.84	5.10	ug/L	11/06/25 18:26	PB170424
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 18:26	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.10	ug/L	11/06/25 18:26	PB170424
91-94-1	3,3-Dichlorobenzidine	0.95	U	1	0.95	10.2	ug/L	11/06/25 18:26	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.10	ug/L	11/06/25 18:26	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.10	ug/L	11/06/25 18:26	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/06/25 18:26	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.2	ug/L	11/06/25 18:26	PB170424
205-99-2	Benzo(b)fluoranthene	0.50	U	1	0.50	5.10	ug/L	11/06/25 18:26	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/06/25 18:26	PB170424
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/06/25 18:26	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/06/25 18:26	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/06/25 18:26	PB170424
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/06/25 18:26	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 18:26	PB170424
123-91-1	1,4-Dioxane	5.90		1	1.00	5.10	ug/L	11/06/25 18:26	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/06/25 18:26	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	77.8			15 (23) - 110 (138)	52%	SPK: 150		
13127-88-3	Phenol-d6	54.4			15 (10) - 110 (134)	36%	SPK: 150		
4165-60-0	Nitrobenzene-d5	103			30 (67) - 130 (132)	103%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.9			30 (52) - 130 (132)	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	188	*		15 (44) - 110 (137)	125%	SPK: 150		
1718-51-0	Terphenyl-d14	84.2			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	247000							
1146-65-2	Naphthalene-d8	962000							
15067-26-2	Acenaphthene-d10	601000							
1517-22-2	Phenanthrene-d10	1360000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	2050000							

Raw Data: **BP026082.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-11			SDG No.:	Q3534
Lab Sample ID:	Q3534-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026083.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/06/25 19:07	PB170424
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/06/25 19:07	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/06/25 19:07	PB170424
95-57-8	2-Chlorophenol	0.61	U	1	0.61	5.30	ug/L	11/06/25 19:07	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 19:07	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/06/25 19:07	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.5	ug/L	11/06/25 19:07	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 19:07	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/06/25 19:07	PB170424
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/06/25 19:07	PB170424
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/06/25 19:07	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 19:07	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 19:07	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 19:07	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.30	ug/L	11/06/25 19:07	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 19:07	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/06/25 19:07	PB170424
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 19:07	PB170424
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/06/25 19:07	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/06/25 19:07	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 19:07	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/06/25 19:07	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 19:07	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/06/25 19:07	PB170424
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/06/25 19:07	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/06/25 19:07	PB170424
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/06/25 19:07	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/06/25 19:07	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 19:07	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 19:07	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/06/25 19:07	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 19:07	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/06/25 19:07	PB170424

Raw Data: **BP026083.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.61	U	1	0.61	5.30	ug/L	11/06/25 19:07	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/06/25 19:07	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/06/25 19:07	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/06/25 19:07	PB170424
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/06/25 19:07	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 19:07	PB170424
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/06/25 19:07	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 19:07	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/06/25 19:07	PB170424
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/06/25 19:07	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/06/25 19:07	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/06/25 19:07	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.70	5.30	ug/L	11/06/25 19:07	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/06/25 19:07	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 19:07	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 19:07	PB170424
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/06/25 19:07	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/06/25 19:07	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 19:07	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 19:07	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 19:07	PB170424
123-91-1	1,4-Dioxane	3.90	J	1	1.10	5.30	ug/L	11/06/25 19:07	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/06/25 19:07	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	75.0			15 (23) - 110 (138)	50%	SPK: 150		
13127-88-3	Phenol-d6	48.2			15 (10) - 110 (134)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	102			30 (67) - 130 (132)	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.7			30 (52) - 130 (132)	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	174	*		15 (44) - 110 (137)	116%	SPK: 150		
1718-51-0	Terphenyl-d14	91.4			30 (42) - 130 (152)	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1280000							
15067-26-2	Acenaphthene-d10	830000							
1517-22-2	Phenanthrene-d10	1660000							
1719-03-5	Chrysene-d12	1730000							
1520-96-3	Perylene-d12	2000000							
TENTATIVE IDENTIFIED COMPOUNDS									
000098-73-7	Benzoic acid, p-tert-butyl-	3.80	J			14.1	ug/L		
000119-61-9	Benzophenone	4.60	J			15.7	ug/L		

Raw Data: **BP026083.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-5			SDG No.:	Q3534
Lab Sample ID:	Q3534-04			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-43-2	Amobarbital	19.5	J			16.4	ug/L		
000057-10-3	n-Hexadecanoic acid	4.50	J			18.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	2.30	J			19.7	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BF144192.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	960 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.4	ug/L	11/06/25 17:24	PB170424
108-95-2	Phenol	0.95	U	1	0.95	5.20	ug/L	11/06/25 17:24	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/06/25 17:24	PB170424
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/06/25 17:24	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/06/25 17:24	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
98-86-2	Acetophenone	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:24	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.4	ug/L	11/06/25 17:24	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 17:24	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.20	ug/L	11/06/25 17:24	PB170424
98-95-3	Nitrobenzene	0.79	U	1	0.79	5.20	ug/L	11/06/25 17:24	PB170424
78-59-1	Isophorone	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:24	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/06/25 17:24	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/06/25 17:24	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:24	PB170424
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.20	ug/L	11/06/25 17:24	PB170424
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/06/25 17:24	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.4	ug/L	11/06/25 17:24	PB170424
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:24	PB170424
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/06/25 17:24	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.4	ug/L	11/06/25 17:24	PB170424
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/06/25 17:24	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.20	ug/L	11/06/25 17:24	PB170424
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/06/25 17:24	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
208-96-8	Acenaphthylene	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:24	PB170424
606-20-2	2,6-Dinitrotoluene	0.96	U	1	0.96	5.20	ug/L	11/06/25 17:24	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:24	PB170424
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:24	PB170424
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.4	ug/L	11/06/25 17:24	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.4	ug/L	11/06/25 17:24	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
84-66-2	Diethylphthalate	0.72	U	1	0.72	5.20	ug/L	11/06/25 17:24	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:24	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.20	ug/L	11/06/25 17:24	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.20	ug/L	11/06/25 17:24	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.4	ug/L	11/06/25 17:24	PB170424

Raw Data: **BF144192.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3.90	J	1	0.60	5.20	ug/L	11/06/25 17:24	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.20	ug/L	11/06/25 17:24	PB170424
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:24	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.4	ug/L	11/06/25 17:24	PB170424
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:24	PB170424
86-74-8	Carbazole	0.75	U	1	0.75	5.20	ug/L	11/06/25 17:24	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:24	PB170424
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/06/25 17:24	PB170424
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:24	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/06/25 17:24	PB170424
91-94-1	3,3-Dichlorobenzidine	0.97	U	1	0.97	10.4	ug/L	11/06/25 17:24	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.20	ug/L	11/06/25 17:24	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.20	ug/L	11/06/25 17:24	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.20	ug/L	11/06/25 17:24	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.4	ug/L	11/06/25 17:24	PB170424
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/06/25 17:24	PB170424
207-08-9	Benzo(k)fluoranthene	0.50	U	1	0.50	5.20	ug/L	11/06/25 17:24	PB170424
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:24	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:24	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:24	PB170424
191-24-2	Benzo(g,h,i)perylene	0.72	U	1	0.72	5.20	ug/L	11/06/25 17:24	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:24	PB170424
123-91-1	1,4-Dioxane	7.50		1	1.00	5.20	ug/L	11/06/25 17:24	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	1	0.75	5.20	ug/L	11/06/25 17:24	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	72.1			15 (23) - 110 (138)	48%	SPK: 150		
13127-88-3	Phenol-d6	48.7			15 (10) - 110 (134)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	88.9			30 (67) - 130 (132)	89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.4			30 (52) - 130 (132)	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	120			15 (44) - 110 (137)	80%	SPK: 150		
1718-51-0	Terphenyl-d14	66.2			30 (42) - 130 (152)	66%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	62800							
1146-65-2	Naphthalene-d8	229000							
15067-26-2	Acenaphthene-d10	121000							
1517-22-2	Phenanthrene-d10	183000							
1719-03-5	Chrysene-d12	157000							
1520-96-3	Perylene-d12	214000							
TENTATIVE IDENTIFIED COMPOUNDS									
000121-44-8	Triethylamine	9.80	J			2.22	ug/L		
000496-11-7	Indane	42.9	J			7.05	ug/L		

Raw Data: **BF144192.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-54-4	Phenol, p-tert-butyl-	280	J			8.73	ug/L		
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	120	J			9.34	ug/L		
000934-34-9	2(3H)-Benzothiazolone	27.3	J			10.8	ug/L		
000050-06-6	Phenobarbital	11.3	J			12.2	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	11.1	J			12.9	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026084.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.2	ug/L	11/06/25 19:48	PB170424
108-95-2	Phenol	0.93	U	1	0.93	5.10	ug/L	11/06/25 19:48	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.83	U	1	0.83	5.10	ug/L	11/06/25 19:48	PB170424
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/06/25 19:48	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/06/25 19:48	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/06/25 19:48	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.10	ug/L	11/06/25 19:48	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.2	ug/L	11/06/25 19:48	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.60	ug/L	11/06/25 19:48	PB170424
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/06/25 19:48	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.10	ug/L	11/06/25 19:48	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.10	ug/L	11/06/25 19:48	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/06/25 19:48	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/06/25 19:48	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/06/25 19:48	PB170424
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
106-47-8	4-Chloroaniline	0.86	UQ	1	0.86	5.10	ug/L	11/06/25 19:48	PB170424
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/06/25 19:48	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.2	ug/L	11/06/25 19:48	PB170424
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/06/25 19:48	PB170424
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/06/25 19:48	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.2	ug/L	11/06/25 19:48	PB170424
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/06/25 19:48	PB170424
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/06/25 19:48	PB170424
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/06/25 19:48	PB170424
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/06/25 19:48	PB170424
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.10	ug/L	11/06/25 19:48	PB170424
606-20-2	2,6-Dinitrotoluene	0.94	U	1	0.94	5.10	ug/L	11/06/25 19:48	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.10	ug/L	11/06/25 19:48	PB170424
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/06/25 19:48	PB170424
51-28-5	2,4-Dinitrophenol	6.10	U	1	6.10	10.2	ug/L	11/06/25 19:48	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.2	ug/L	11/06/25 19:48	PB170424
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/06/25 19:48	PB170424
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/06/25 19:48	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/06/25 19:48	PB170424
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/06/25 19:48	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/06/25 19:48	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.2	ug/L	11/06/25 19:48	PB170424

Raw Data: **BP026084.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/06/25 19:48	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.10	ug/L	11/06/25 19:48	PB170424
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/06/25 19:48	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.2	ug/L	11/06/25 19:48	PB170424
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/06/25 19:48	PB170424
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/06/25 19:48	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/06/25 19:48	PB170424
206-44-0	Fluoranthene	0.84	U	1	0.84	5.10	ug/L	11/06/25 19:48	PB170424
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/06/25 19:48	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.10	ug/L	11/06/25 19:48	PB170424
91-94-1	3,3-Dichlorobenzidine	0.95	U	1	0.95	10.2	ug/L	11/06/25 19:48	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.10	ug/L	11/06/25 19:48	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.10	ug/L	11/06/25 19:48	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/06/25 19:48	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.2	ug/L	11/06/25 19:48	PB170424
205-99-2	Benzo(b)fluoranthene	0.50	U	1	0.50	5.10	ug/L	11/06/25 19:48	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/06/25 19:48	PB170424
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/06/25 19:48	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/06/25 19:48	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/06/25 19:48	PB170424
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/06/25 19:48	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/06/25 19:48	PB170424
123-91-1	1,4-Dioxane	3.60	J	1	1.00	5.10	ug/L	11/06/25 19:48	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/06/25 19:48	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	64.1			15 (23) - 110 (138)	43%	SPK: 150		
13127-88-3	Phenol-d6	42.4			15 (10) - 110 (134)	28%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.9			30 (67) - 130 (132)	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (52) - 130 (132)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			15 (44) - 110 (137)	106%	SPK: 150		
1718-51-0	Terphenyl-d14	79.5			30 (42) - 130 (152)	79%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	311000							
1146-65-2	Naphthalene-d8	1200000							
15067-26-2	Acenaphthene-d10	734000							
1517-22-2	Phenanthrene-d10	1480000							
1719-03-5	Chrysene-d12	1670000							
1520-96-3	Perylene-d12	1950000							
TENTATIVE IDENTIFIED COMPOUNDS									
000149-57-5	Hexanoic acid, 2-ethyl-	38.5	J			9.01	ug/L		
65-85-0	Benzoic acid	6.10	J			9.68	ug/L		

Raw Data: **BP026084.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-2			SDG No.:	Q3534
Lab Sample ID:	Q3534-06			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	3.50	J			15.3	ug/L		
000126-73-8	Tributyl phosphate	3.20	J			15.6	ug/L		
000119-61-9	Benzophenone	7.40	J			15.7	ug/L		
000057-43-2	Amobarbital	15.8	J			16.4	ug/L		
000057-10-3	n-Hexadecanoic acid	7.30	J			18.1	ug/L		
000050-06-6	Phenobarbital	3.10	J			18.5	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064706.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.3	ug/L	11/06/25 17:09	PB170424
108-95-2	Phenol	0.94	U	1	0.94	5.20	ug/L	11/06/25 17:09	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/06/25 17:09	PB170424
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/06/25 17:09	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/06/25 17:09	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/06/25 17:09	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.3	ug/L	11/06/25 17:09	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 17:09	PB170424
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/06/25 17:09	PB170424
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/06/25 17:09	PB170424
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:09	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/06/25 17:09	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/06/25 17:09	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:09	PB170424
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/06/25 17:09	PB170424
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/06/25 17:09	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/06/25 17:09	PB170424
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:09	PB170424
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/06/25 17:09	PB170424
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/06/25 17:09	PB170424
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/06/25 17:09	PB170424
95-95-4	2,4,5-Trichlorophenol	0.64	U	1	0.64	5.20	ug/L	11/06/25 17:09	PB170424
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/06/25 17:09	PB170424
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/06/25 17:09	PB170424
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/06/25 17:09	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.20	ug/L	11/06/25 17:09	PB170424
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:09	PB170424
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.3	ug/L	11/06/25 17:09	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.3	ug/L	11/06/25 17:09	PB170424
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:09	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/06/25 17:09	PB170424
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/06/25 17:09	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/06/25 17:09	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.3	ug/L	11/06/25 17:09	PB170424

Raw Data: **BG064706.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-3			SDG No.:	Q3534
Lab Sample ID:	Q3534-07			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2.20	J	1	0.60	5.20	ug/L	11/06/25 17:09	PB170424
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/06/25 17:09	PB170424
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/06/25 17:09	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.3	ug/L	11/06/25 17:09	PB170424
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/06/25 17:09	PB170424
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/06/25 17:09	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/06/25 17:09	PB170424
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/06/25 17:09	PB170424
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/06/25 17:09	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/06/25 17:09	PB170424
91-94-1	3,3-Dichlorobenzidine	0.96	U	1	0.96	10.3	ug/L	11/06/25 17:09	PB170424
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/06/25 17:09	PB170424
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/06/25 17:09	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.20	ug/L	11/06/25 17:09	PB170424
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/06/25 17:09	PB170424
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/06/25 17:09	PB170424
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/06/25 17:09	PB170424
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/06/25 17:09	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/06/25 17:09	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/06/25 17:09	PB170424
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/06/25 17:09	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/06/25 17:09	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/06/25 17:09	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	1	0.74	5.20	ug/L	11/06/25 17:09	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	61.0			15 (23) - 110 (138)	41%	SPK: 150		
13127-88-3	Phenol-d6	41.5			15 (10) - 110 (134)	28%	SPK: 150		
4165-60-0	Nitrobenzene-d5	96.2			30 (67) - 130 (132)	96%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.1			30 (52) - 130 (132)	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169	*		15 (44) - 110 (137)	113%	SPK: 150		
1718-51-0	Terphenyl-d14	85.1			30 (42) - 130 (152)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	33300							
1146-65-2	Naphthalene-d8	133000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	256000							
1719-03-5	Chrysene-d12	310000							
1520-96-3	Perylene-d12	341000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	4.20	J			16.2	ug/L		
000057-10-3	n-Hexadecanoic acid	4.60	J			18.4	ug/L		

Raw Data: **BG064706.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/03/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	MW-EB-3			SDG No.:	Q3534
Lab Sample ID:	Q3534-07			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	4.30	J			19.9	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026080.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 17:04	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:04	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:04	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:04	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:04	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:04	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:04	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:04	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:04	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:04	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:04	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:04	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:04	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:04	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:04	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:04	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:04	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:04	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:04	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:04	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:04	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:04	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:04	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:04	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:04	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:04	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:04	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:04	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:04	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:04	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:04	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:04	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:04	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:04	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:04	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:04	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:04	PB170424

Raw Data: **BP026080.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:04	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:04	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:04	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:04	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:04	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:04	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:04	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:04	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:04	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:04	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:04	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:04	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:04	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.90	J	1	1.60	5.00	ug/L	11/06/25 17:04	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:04	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:04	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:04	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:04	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:04	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:04	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:04	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:04	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:04	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:04	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	36.4			15 (23) - 110 (138)	49%	SPK: 75		
13127-88-3	Phenol-d6	23.9			15 (10) - 110 (134)	32%	SPK: 75		
4165-60-0	Nitrobenzene-d5	45.2			30 (67) - 130 (132)	90%	SPK: 50		
321-60-8	2-Fluorobiphenyl	39.0			30 (52) - 130 (132)	78%	SPK: 50		
118-79-6	2,4,6-Tribromophenol	80.9			15 (44) - 110 (137)	108%	SPK: 75		
1718-51-0	Terphenyl-d14	43.1			30 (42) - 130 (152)	86%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	312000							
1146-65-2	Naphthalene-d8	1220000							
15067-26-2	Acenaphthene-d10	769000							
1517-22-2	Phenanthrene-d10	1560000							
1719-03-5	Chrysene-d12	1710000							
1520-96-3	Perylene-d12	2010000							
TENTATIVE IDENTIFIED COMPOUNDS									
000149-57-5	Hexanoic acid, 2-ethyl-	89.5	J			9.04	ug/L		
65-85-0	Benzoic acid	6.70	J			9.70	ug/L		

Raw Data: **BP026080.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/04/25
Project:	Edison Landfill			Date Received:	11/04/25
Client Sample ID:	FB-1			SDG No.:	Q3534
Lab Sample ID:	Q3534-09			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	500 mL	Final Vol:	500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
029878-31-7	1H-Benzotriazole, 4-methyl-	8.00	J			15.0	ug/L		
000112-39-0	Hexadecanoic acid, methyl ester	4.40	J			17.9	ug/L		
000057-10-3	n-Hexadecanoic acid	3.90	J			18.1	ug/L		
000112-61-8	Methyl stearate	2.00	J			19.2	ug/L		
000693-71-0	trans-13-Octadecenoic acid	7.20	J			19.3	ug/L		
000057-11-4	Octadecanoic acid	2.30	J			19.4	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026081.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 17:45	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:45	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:45	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:45	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:45	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:45	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:45	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:45	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:45	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:45	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:45	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:45	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:45	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:45	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:45	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:45	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:45	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:45	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:45	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:45	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:45	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:45	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:45	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:45	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:45	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:45	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:45	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:45	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:45	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:45	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:45	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:45	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:45	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:45	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:45	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:45	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:45	PB170424

Raw Data: **BP026081.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL Final Vol: 500 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:45	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:45	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:45	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:45	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:45	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:45	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:45	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:45	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:45	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:45	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:45	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:45	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:45	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/06/25 17:45	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:45	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:45	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:45	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:45	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:45	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:45	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:45	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:45	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:45	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:45	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	42.8			15 (23) - 110 (138)	57%	SPK: 75		
13127-88-3	Phenol-d6	25.7			15 (10) - 110 (134)	34%	SPK: 75		
4165-60-0	Nitrobenzene-d5	49.6			30 (67) - 130 (132)	99%	SPK: 50		
321-60-8	2-Fluorobiphenyl	42.9			30 (52) - 130 (132)	86%	SPK: 50		
118-79-6	2,4,6-Tribromophenol	81.6			15 (44) - 110 (137)	109%	SPK: 75		
1718-51-0	Terphenyl-d14	46.5			30 (42) - 130 (152)	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	277000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	656000							
1517-22-2	Phenanthrene-d10	1340000							
1719-03-5	Chrysene-d12	1520000							
1520-96-3	Perylene-d12	1840000							
TENTATIVE IDENTIFIED COMPOUNDS									
92-87-5	Benzidine	41.5	J			19.4	ug/L		

Raw Data: **BP026081.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25	
Project:	Edison Landfill		Date Received:	11/04/25	
Client Sample ID:	EB-1		SDG No.:	Q3534	
Lab Sample ID:	Q3534-10		Matrix:	Water	
Analytical Method:	8270E	Level: LOW	% Solid:	0	
Sample Wt/Vol:	500 mL	Final Vol: 500 uL	Test:	SVOC-TCL BNA -20	
Prep Method :	3510C	Prep Date: 11/06/25			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170424BL	PB170424BL	2-Fluorophenol	150	138	92		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.5	94		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.6	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	169	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	89.5	90		30 (42)	130 (152)
PB170424BS	PB170424BS	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.8	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.1	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	105		15 (44)	110 (137)
		Terphenyl-d14	100	83.6	84		30 (42)	130 (152)
PB170424BSD	PB170424BSD	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	134	90		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.1	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.6	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	155	103		15 (44)	110 (137)
		Terphenyl-d14	100	85.0	85		30 (42)	130 (152)
Q3534-01	MW-6	2-Fluorophenol	150	69.3	46		15 (23)	110 (138)
		Phenol-d6	150	44.1	29		15 (10)	110 (134)
		Nitrobenzene-d5	100	114	114		30 (67)	130 (132)
		2-Fluorobiphenyl	100	94.1	94		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	189	126	*	15 (44)	110 (137)
		Terphenyl-d14	100	91.5	92		30 (42)	130 (152)
Q3534-02	MW-1	2-Fluorophenol	150	78.6	52		15 (23)	110 (138)
		Phenol-d6	150	58.5	39		15 (10)	110 (134)
		Nitrobenzene-d5	100	93.3	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.1	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	89		15 (44)	110 (137)
		Terphenyl-d14	100	75.7	76		30 (42)	130 (152)
Q3534-03	MW-11	2-Fluorophenol	150	77.8	52		15 (23)	110 (138)
		Phenol-d6	150	54.4	36		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.9	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	188	125	*	15 (44)	110 (137)
		Terphenyl-d14	100	84.2	84		30 (42)	130 (152)
Q3534-04	MW-5	2-Fluorophenol	150	75.0	50		15 (23)	110 (138)
		Phenol-d6	150	48.2	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.7	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	174	116	*	15 (44)	110 (137)
		Terphenyl-d14	100	91.4	91		30 (42)	130 (152)
Q3534-05	MW-EB-1	2-Fluorophenol	150	72.1	48		15 (23)	110 (138)
		Phenol-d6	150	48.7	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.9	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.4	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	66.2	66		30 (42)	130 (152)
Q3534-06	MW-EB-2	2-Fluorophenol	150	64.1	43		15 (23)	110 (138)
		Phenol-d6	150	42.4	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.9	91		30 (67)	130 (132)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3534-06	MW-EB-2	2-Fluorobiphenyl	100	79.0	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	159	106		15 (44)	110 (137)
		Terphenyl-d14	100	79.5	79		30 (42)	130 (152)
Q3534-07	MW-EB-3	2-Fluorophenol	150	61.0	41		15 (23)	110 (138)
		Phenol-d6	150	41.5	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	96.2	96		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.1	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	169	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	85.1	85		30 (42)	130 (152)
Q3534-09	FB-1	2-Fluorophenol	75	36.4	49		15 (23)	110 (138)
		Phenol-d6	75	23.9	32		15 (10)	110 (134)
		Nitrobenzene-d5	50	45.2	90		30 (67)	130 (132)
		2-Fluorobiphenyl	50	39.0	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	75	80.9	108		15 (44)	110 (137)
		Terphenyl-d14	50	43.1	86		30 (42)	130 (152)
Q3534-10	EB-1	2-Fluorophenol	75	42.8	57		15 (23)	110 (138)
		Phenol-d6	75	25.7	34		15 (10)	110 (134)
		Nitrobenzene-d5	50	49.6	99		30 (67)	130 (132)
		2-Fluorobiphenyl	50	42.9	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	75	81.6	109		15 (44)	110 (137)
		Terphenyl-d14	50	46.5	93		30 (42)	130 (152)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BS	Benzaldehyde	50	32.3	ug/L	65				20 (10)	160 (162)	
	Phenol	50	46.6	ug/L	93				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83				70 (62)	130 (103)	
	2-Chlorophenol	50	47.9	ug/L	96				70 (70)	130 (117)	
	2-Methylphenol	50	48.1	ug/L	96				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	38.4	ug/L	77				70 (65)	130 (100)	
	Acetophenone	50	47.6	ug/L	95				70 (60)	130 (104)	
	3+4-Methylphenols	50	47.9	ug/L	96				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.5	ug/L	89				70 (57)	130 (107)	
	Hexachloroethane	50	43.4	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	44.6	ug/L	89				70 (58)	130 (106)	
	Isophorone	50	44.2	ug/L	88				70 (61)	130 (102)	
	2-Nitrophenol	50	59.5	ug/L	119				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	52.0	ug/L	104				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	50.0	ug/L	100				70 (66)	130 (115)	
	Naphthalene	50	41.9	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	29.8	ug/L	60		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	42.1	ug/L	84				70 (69)	130 (101)	
	Caprolactam	50	54.1	ug/L	108				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	52.4	ug/L	105				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.6	ug/L	79				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	51.4	ug/L	103				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70 (70)	130 (106)	
	1,1-Biphenyl	50	46.8	ug/L	94				70 (72)	130 (98)	
	2-Chloronaphthalene	50	41.3	ug/L	83				70 (59)	130 (106)	
	2-Nitroaniline	50	49.0	ug/L	98				70 (73)	130 (114)	
	Dimethylphthalate	50	46.9	ug/L	94				70 (64)	130 (103)	
	Acenaphthylene	50	50.0	ug/L	100				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	53.2	ug/L	106				70 (64)	130 (110)	
	3-Nitroaniline	50	38.2	ug/L	76				70 (28)	130 (100)	
	Acenaphthene	50	40.5	ug/L	81				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	110	ug/L	110				20 (36)	160 (166)	
	4-Nitrophenol	100	110	ug/L	110				20 (45)	160 (147)	
	Dibenzofuran	50	43.9	ug/L	88				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	53.2	ug/L	106				70 (60)	130 (115)	
	Diethylphthalate	50	47.7	ug/L	95				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	45.1	ug/L	90				70 (64)	130 (107)	
	4-Nitroaniline	50	53.1	ug/L	106				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	57.8	ug/L	116				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	43.3	ug/L	87				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BS	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	50.8	ug/L	102				70 (76)	130 (120)	
	Pentachlorophenol	100	120	ug/L	120				20 (47)	160 (114)	
	Phenanthrene	50	43.1	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	44.3	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.9	ug/L	92				70 (62)	130 (106)	
	Di-n-butylphthalate	50	49.2	ug/L	98				70 (64)	130 (106)	
	Fluoranthene	50	46.3	ug/L	93				70 (64)	130 (110)	
	Pyrene	50	43.7	ug/L	87				70 (71)	130 (103)	
	Butylbenzylphthalate	50	52.6	ug/L	105				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	39.4	ug/L	79				70 (43)	130 (108)	
	Benzo(a)anthracene	50	44.1	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	42.8	ug/L	86				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	48.9	ug/L	98				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	58.0	ug/L	116				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.0	ug/L	94				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	45.4	ug/L	91				70 (77)	130 (105)	
	Benzo(a)pyrene	50	48.9	ug/L	98				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	48.3	ug/L	97				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	49.0	ug/L	98				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	33.5	ug/L	67				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BSD	Benzaldehyde	50	32.9	ug/L	66	2			20 (10)	160 (162)	20 (20)
	Phenol	50	47.0	ug/L	94	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	48.7	ug/L	97	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	49.2	ug/L	98	2			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	39.3	ug/L	79	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	47.3	ug/L	95	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	49.0	ug/L	98	2			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.4	ug/L	91	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.7	ug/L	87	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	44.5	ug/L	89	0			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.9	ug/L	88	1			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	60.8	ug/L	122	2			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	51.8	ug/L	104	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87	0			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	50.6	ug/L	101	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.9	ug/L	84	0			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	29.5	ug/L	59	1	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	42.0	ug/L	84	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	53.5	ug/L	107	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	52.7	ug/L	105	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	39.9	ug/L	80	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	52.0	ug/L	104	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	51.3	ug/L	103	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	46.7	ug/L	93	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	41.1	ug/L	82	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	49.7	ug/L	99	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	47.1	ug/L	94	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	48.6	ug/L	97	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	53.9	ug/L	108	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	38.7	ug/L	77	1			70 (28)	130 (100)	20 (20)
	Acenaphthene	50	40.9	ug/L	82	1			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	0			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	100	ug/L	100	10			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	43.6	ug/L	87	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	52.4	ug/L	105	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	47.6	ug/L	95	0			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	1			70 (61)	130 (104)	20 (20)
	Fluorene	50	44.1	ug/L	88	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	51.9	ug/L	104	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	59.5	ug/L	119	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	43.9	ug/L	88	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	44.1	ug/L	88	2			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026079.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170424BSD	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	50.4	ug/L	101	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	42.3	ug/L	85	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.3	ug/L	89	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.5	ug/L	89	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	49.1	ug/L	98	0			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	44.8	ug/L	90	3			70 (64)	130 (110)	20 (20)
	Pyrene	50	45.2	ug/L	90	3			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	53.9	ug/L	108	2			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	39.9	ug/L	80	1			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	43.5	ug/L	87	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	43.8	ug/L	88	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	50.1	ug/L	100	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	59.3	ug/L	119	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	47.1	ug/L	94	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.2	ug/L	90	0			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	48.2	ug/L	96	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	48.0	ug/L	96	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	49.0	ug/L	98	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.4	ug/L	91	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.9	ug/L	66	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116	0			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170424BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab File ID: BP026077.D | Lab Sample ID: PB170424BL

Instrument ID: BNA_P | Date Extracted: 11/06/2025

Matrix: (soil/water) Water | Date Analyzed: 11/06/2025

Level: (low/med) LOW | Time Analyzed: 14:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170424BS	PB170424BS	BP026078.D	11/06/2025
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025
FB-1	Q3534-09	BP026080.D	11/06/2025
EB-1	Q3534-10	BP026081.D	11/06/2025
MW-11	Q3534-03	BP026082.D	11/06/2025
MW-5	Q3534-04	BP026083.D	11/06/2025
MW-EB-2	Q3534-06	BP026084.D	11/06/2025
MW-1	Q3534-02	BF144191.D	11/06/2025
MW-EB-1	Q3534-05	BF144192.D	11/06/2025
MW-EB-3	Q3534-07	BG064706.D	11/06/2025
MW-6	Q3534-01	BG064711.D	11/06/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BF144168.D DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BF144179.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	23.2
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144180.D	11/06/2025	11:13
MW-1	Q3534-02	BF144191.D	11/06/2025	16:54
MW-EB-1	Q3534-05	BF144192.D	11/06/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BG064698.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_G DFTPP Injection Time: 11:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064699.D	11/06/2025	12:13
MW-EB-3	Q3534-07	BG064706.D	11/06/2025	17:09
MW-6	Q3534-01	BG064711.D	11/06/2025	20:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab File ID: BP026075.D DFTPP Injection Date: 11/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 12:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	84.8
443	15.0 - 24.0% of mass 442	16.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026076.D	11/06/2025	13:25
PB170424BL	PB170424BL	BP026077.D	11/06/2025	14:13
PB170424BS	PB170424BS	BP026078.D	11/06/2025	14:54
PB170424BSD	PB170424BSD	BP026079.D	11/06/2025	15:35
FB-1	Q3534-09	BP026080.D	11/06/2025	17:04
EB-1	Q3534-10	BP026081.D	11/06/2025	17:45
MW-11	Q3534-03	BP026082.D	11/06/2025	18:26
MW-5	Q3534-04	BP026083.D	11/06/2025	19:07
MW-EB-2	Q3534-06	BP026084.D	11/06/2025	19:48

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BF144180.D Time Analyzed: 11:13

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	77162	6.875	299960	8.16	175155	9.92
	UPPER LIMIT	154324	7.375	599920	8.657	350310	10.416
	LOWER LIMIT	38581	6.375	149980	7.657	87577.5	9.416
	EPA SAMPLE NO.						
01	MW-1	63903	6.88	245141	8.16	136285	9.91
02	MW-EB-1	62761	6.88	229494	8.16	120957	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BF144180.D Time Analyzed: 11:13

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	301670	11.404	184652	14.057	216041	15.539
	UPPER LIMIT	603340	11.904	369304	14.557	432082	16.039
	LOWER LIMIT	150835	10.904	92326	13.557	108021	15.039
	EPA SAMPLE NO.						
01	MW-1	213036	11.40	155402	14.05	207385	15.53
02	MW-EB-1	183106	11.40	157153	14.05	214152	15.54

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BG064699.D Time Analyzed: 12:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	39621	8.206	163730	11.03	142094	14.82
	UPPER LIMIT	79242	8.706	327460	11.526	284188	15.322
	LOWER LIMIT	19810.5	7.706	81865	10.526	71047	14.322
	EPA SAMPLE NO.						
01	MW-6	30988	8.20	121821	11.02	100117	14.82
02	MW-EB-3	33315	8.20	133129	11.02	109224	14.82

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BG064699.D Time Analyzed: 12:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	344911	17.56	295235	21.831	328268	25.157
	UPPER LIMIT	689822	18.06	590470	22.331	656536	25.657
	LOWER LIMIT	172456	17.06	147618	21.331	164134	24.657
	EPA SAMPLE NO.						
01	MW-6	237813	17.56	285660	21.83	321269	25.15
02	MW-EB-3	255947	17.56	309555	21.83	340594	25.16

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID : SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BP026076.D Time Analyzed: 13:25

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	311598	7.684	1312780	10.45	873597	14.33
	UPPER LIMIT	623196	8.184	2625560	10.954	1747190	14.825
	LOWER LIMIT	155799	7.184	656390	9.954	436799	13.825
	EPA SAMPLE NO.						
01	PB170424BL	281412	7.66	1090240	10.44	699934	14.31
02	PB170424BS	267481	7.68	1101030	10.45	743151	14.32
03	PB170424BSD	300293	7.68	1260020	10.45	853804	14.33
04	MW-11	246596	7.68	961848	10.45	600974	14.32
05	MW-5	318473	7.68	1283460	10.45	829933	14.32
06	MW-EB-2	311269	7.68	1204040	10.45	734309	14.32
07	FB-1	311794	7.68	1217060	10.44	769070	14.31
08	EB-1	277359	7.68	1074840	10.45	656338	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3534

Client ID: SSTDCCC040 Date Analyzed: 11/06/2025

Lab File ID: BP026076.D Time Analyzed: 13:25

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1797850	17.142	1874910	21.583	2126000	24.918
	UPPER LIMIT	3595700	17.642	3749820	22.083	4252000	25.418
	LOWER LIMIT	898925	16.642	937455	21.083	1063000	24.418
	EPA SAMPLE NO.						
01	PB170424BL	1528540	17.14	1747810	21.59	1979390	24.94
02	PB170424BS	1605700	17.14	1768370	21.59	1900240	24.92
03	PB170424BSD	1821990	17.13	1872000	21.57	1998600	24.90
04	MW-11	1364170	17.13	1768110	21.58	2046410	24.91
05	MW-5	1657810	17.14	1728940	21.58	2004700	24.90
06	MW-EB-2	1476010	17.13	1673940	21.57	1952860	24.90
07	FB-1	1563790	17.12	1705420	21.57	2009790	24.89
08	EB-1	1338850	17.13	1519420	21.57	1841620	24.90

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **BP026077.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170424BL	SDG No.:	Q3534
Lab Sample ID:	PB170424BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/06/25 14:13	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 14:13	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 14:13	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 14:13	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 14:13	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 14:13	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 14:13	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 14:13	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 14:13	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/06/25 14:13	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 14:13	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 14:13	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 14:13	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 14:13	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 14:13	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 14:13	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 14:13	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 14:13	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 14:13	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 14:13	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 14:13	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 14:13	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 14:13	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 14:13	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 14:13	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 14:13	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 14:13	PB170424

Raw Data: **BP026077.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BL			SDG No.:	Q3534
Lab Sample ID:	PB170424BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/06/25 14:13	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 14:13	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 14:13	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 14:13	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 14:13	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 14:13	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 14:13	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 14:13	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 14:13	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 14:13	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 14:13	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/06/25 14:13	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 14:13	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 14:13	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 14:13	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 14:13	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 14:13	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 14:13	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 14:13	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 14:13	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 14:13	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 14:13	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	138			15 (23) - 110 (138)	92%	SPK: 150		
13127-88-3	Phenol-d6	133			15 (10) - 110 (134)	89%	SPK: 150		
4165-60-0	Nitrobenzene-d5	93.5			30 (67) - 130 (132)	94%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.6			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169	*		15 (44) - 110 (137)	113%	SPK: 150		
1718-51-0	Terphenyl-d14	89.5			30 (42) - 130 (152)	90%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	281000							
1146-65-2	Naphthalene-d8	1090000							
15067-26-2	Acenaphthene-d10	700000							
1517-22-2	Phenanthrene-d10	1530000							
1719-03-5	Chrysene-d12	1750000							
1520-96-3	Perylene-d12	1980000							

Raw Data: **BP026077.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BL			SDG No.:	Q3534
Lab Sample ID:	PB170424BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026078.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170424BS	SDG No.:	Q3534
Lab Sample ID:	PB170424BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.3		1	3.90	10.0	ug/L	11/06/25 14:54	PB170424
108-95-2	Phenol	46.6		1	0.91	5.00	ug/L	11/06/25 14:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 14:54	PB170424
95-57-8	2-Chlorophenol	47.9		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
95-48-7	2-Methylphenol	48.1		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
98-86-2	Acetophenone	47.6		1	0.74	5.00	ug/L	11/06/25 14:54	PB170424
65794-96-9	3+4-Methylphenols	47.9		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	44.5		1	1.40	2.50	ug/L	11/06/25 14:54	PB170424
67-72-1	Hexachloroethane	43.4		1	0.65	5.00	ug/L	11/06/25 14:54	PB170424
98-95-3	Nitrobenzene	44.6		1	0.76	5.00	ug/L	11/06/25 14:54	PB170424
78-59-1	Isophorone	44.2		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
88-75-5	2-Nitrophenol	59.5		1	1.80	5.00	ug/L	11/06/25 14:54	PB170424
105-67-9	2,4-Dimethylphenol	52.0		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
120-83-2	2,4-Dichlorophenol	50.0		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
106-47-8	4-Chloroaniline	29.8		1	0.84	5.00	ug/L	11/06/25 14:54	PB170424
87-68-3	Hexachlorobutadiene	42.1		1	0.54	5.00	ug/L	11/06/25 14:54	PB170424
105-60-2	Caprolactam	54.1		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
59-50-7	4-Chloro-3-methylphenol	52.4		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
91-57-6	2-Methylnaphthalene	39.6		1	0.56	5.00	ug/L	11/06/25 14:54	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 14:54	PB170424
88-06-2	2,4,6-Trichlorophenol	51.4		1	0.51	5.00	ug/L	11/06/25 14:54	PB170424
95-95-4	2,4,5-Trichlorophenol	50.4		1	0.62	5.00	ug/L	11/06/25 14:54	PB170424
92-52-4	1,1-Biphenyl	46.8		1	0.53	5.00	ug/L	11/06/25 14:54	PB170424
91-58-7	2-Chloronaphthalene	41.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
88-74-4	2-Nitroaniline	49.0		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
131-11-3	Dimethylphthalate	46.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
208-96-8	Acenaphthylene	50.0		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
606-20-2	2,6-Dinitrotoluene	53.2		1	0.92	5.00	ug/L	11/06/25 14:54	PB170424
99-09-2	3-Nitroaniline	38.2		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
83-32-9	Acenaphthene	40.5		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 14:54	PB170424
100-02-7	4-Nitrophenol	110	E	1	2.40	10.0	ug/L	11/06/25 14:54	PB170424
132-64-9	Dibenzofuran	43.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
121-14-2	2,4-Dinitrotoluene	53.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
84-66-2	Diethylphthalate	47.7		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	44.2		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	11/06/25 14:54	PB170424
100-01-6	4-Nitroaniline	53.1		1	1.50	5.00	ug/L	11/06/25 14:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	57.8		1	2.90	10.0	ug/L	11/06/25 14:54	PB170424

Raw Data: **BP026078.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BS			SDG No.:	Q3534
Lab Sample ID:	PB170424BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
101-55-3	4-Bromophenyl-phenylether	43.3		1	0.40	5.00	ug/L	11/06/25 14:54	PB170424
118-74-1	Hexachlorobenzene	44.3		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
1912-24-9	Atrazine	50.8		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 14:54	PB170424
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
86-74-8	Carbazole	45.9		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
84-74-2	Di-n-butylphthalate	49.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
206-44-0	Fluoranthene	46.3		1	0.82	5.00	ug/L	11/06/25 14:54	PB170424
129-00-0	Pyrene	43.7		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
85-68-7	Butylbenzylphthalate	52.6		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
91-94-1	3,3-Dichlorobenzidine	39.4		1	0.93	10.0	ug/L	11/06/25 14:54	PB170424
56-55-3	Benzo(a)anthracene	44.1		1	0.45	5.00	ug/L	11/06/25 14:54	PB170424
218-01-9	Chrysene	42.8		1	0.44	5.00	ug/L	11/06/25 14:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	48.9		1	1.60	5.00	ug/L	11/06/25 14:54	PB170424
117-84-0	Di-n-octyl phthalate	58.0		1	2.30	10.0	ug/L	11/06/25 14:54	PB170424
205-99-2	Benzo(b)fluoranthene	47.0		1	0.49	5.00	ug/L	11/06/25 14:54	PB170424
207-08-9	Benzo(k)fluoranthene	45.4		1	0.48	5.00	ug/L	11/06/25 14:54	PB170424
50-32-8	Benzo(a)pyrene	48.9		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.3		1	0.67	5.00	ug/L	11/06/25 14:54	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
123-91-1	1,4-Dioxane	33.5		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	132			15 (23) - 110 (138)	88%	SPK: 150		
13127-88-3	Phenol-d6	133			15 (10) - 110 (134)	89%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.8			30 (67) - 130 (132)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.1			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	157			15 (44) - 110 (137)	105%	SPK: 150		
1718-51-0	Terphenyl-d14	83.6			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	267000							
1146-65-2	Naphthalene-d8	1100000							
15067-26-2	Acenaphthene-d10	743000							
1517-22-2	Phenanthrene-d10	1610000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1900000							

Raw Data: **BP026078.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BS			SDG No.:	Q3534
Lab Sample ID:	PB170424BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BP026079.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170424BSD	SDG No.:	Q3534
Lab Sample ID:	PB170424BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.9		1	3.90	10.0	ug/L	11/06/25 15:35	PB170424
108-95-2	Phenol	47.0		1	0.91	5.00	ug/L	11/06/25 15:35	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 15:35	PB170424
95-57-8	2-Chlorophenol	48.7		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
95-48-7	2-Methylphenol	49.2		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	39.3		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
98-86-2	Acetophenone	47.3		1	0.74	5.00	ug/L	11/06/25 15:35	PB170424
65794-96-9	3+4-Methylphenols	49.0		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
621-64-7	n-Nitroso-di-n-propylamine	45.4		1	1.40	2.50	ug/L	11/06/25 15:35	PB170424
67-72-1	Hexachloroethane	43.7		1	0.65	5.00	ug/L	11/06/25 15:35	PB170424
98-95-3	Nitrobenzene	44.5		1	0.76	5.00	ug/L	11/06/25 15:35	PB170424
78-59-1	Isophorone	43.9		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
88-75-5	2-Nitrophenol	60.8		1	1.80	5.00	ug/L	11/06/25 15:35	PB170424
105-67-9	2,4-Dimethylphenol	51.8		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
120-83-2	2,4-Dichlorophenol	50.6		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
106-47-8	4-Chloroaniline	29.5		1	0.84	5.00	ug/L	11/06/25 15:35	PB170424
87-68-3	Hexachlorobutadiene	42.0		1	0.54	5.00	ug/L	11/06/25 15:35	PB170424
105-60-2	Caprolactam	53.5		1	1.10	10.0	ug/L	11/06/25 15:35	PB170424
59-50-7	4-Chloro-3-methylphenol	52.7		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
91-57-6	2-Methylnaphthalene	39.9		1	0.56	5.00	ug/L	11/06/25 15:35	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 15:35	PB170424
88-06-2	2,4,6-Trichlorophenol	52.0		1	0.51	5.00	ug/L	11/06/25 15:35	PB170424
95-95-4	2,4,5-Trichlorophenol	51.3		1	0.62	5.00	ug/L	11/06/25 15:35	PB170424
92-52-4	1,1-Biphenyl	46.7		1	0.53	5.00	ug/L	11/06/25 15:35	PB170424
91-58-7	2-Chloronaphthalene	41.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
88-74-4	2-Nitroaniline	49.7		1	1.30	5.00	ug/L	11/06/25 15:35	PB170424
131-11-3	Dimethylphthalate	47.1		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
208-96-8	Acenaphthylene	48.6		1	0.75	5.00	ug/L	11/06/25 15:35	PB170424
606-20-2	2,6-Dinitrotoluene	53.9		1	0.92	5.00	ug/L	11/06/25 15:35	PB170424
99-09-2	3-Nitroaniline	38.7		1	1.10	5.00	ug/L	11/06/25 15:35	PB170424
83-32-9	Acenaphthene	40.9		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 15:35	PB170424
100-02-7	4-Nitrophenol	100	E	1	2.40	10.0	ug/L	11/06/25 15:35	PB170424
132-64-9	Dibenzofuran	43.6		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
121-14-2	2,4-Dinitrotoluene	52.4		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
84-66-2	Diethylphthalate	47.6		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
7005-72-3	4-Chlorophenyl-phenylether	43.7		1	0.68	5.00	ug/L	11/06/25 15:35	PB170424
86-73-7	Fluorene	44.1		1	0.63	5.00	ug/L	11/06/25 15:35	PB170424
100-01-6	4-Nitroaniline	51.9		1	1.50	5.00	ug/L	11/06/25 15:35	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	59.5		1	2.90	10.0	ug/L	11/06/25 15:35	PB170424

Raw Data: **BP026079.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BSD			SDG No.:	Q3534
Lab Sample ID:	PB170424BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.9		1	0.58	5.00	ug/L	11/06/25 15:35	PB170424
101-55-3	4-Bromophenyl-phenylether	44.1		1	0.40	5.00	ug/L	11/06/25 15:35	PB170424
118-74-1	Hexachlorobenzene	44.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
1912-24-9	Atrazine	50.4		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 15:35	PB170424
85-01-8	Phenanthrene	42.3		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 15:35	PB170424
86-74-8	Carbazole	44.5		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424
84-74-2	Di-n-butylphthalate	49.1		1	1.20	5.00	ug/L	11/06/25 15:35	PB170424
206-44-0	Fluoranthene	44.8		1	0.82	5.00	ug/L	11/06/25 15:35	PB170424
129-00-0	Pyrene	45.2		1	0.50	5.00	ug/L	11/06/25 15:35	PB170424
85-68-7	Butylbenzylphthalate	53.9		1	1.90	5.00	ug/L	11/06/25 15:35	PB170424
91-94-1	3,3-Dichlorobenzidine	39.9		1	0.93	10.0	ug/L	11/06/25 15:35	PB170424
56-55-3	Benzo(a)anthracene	43.5		1	0.45	5.00	ug/L	11/06/25 15:35	PB170424
218-01-9	Chrysene	43.8		1	0.44	5.00	ug/L	11/06/25 15:35	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	50.1		1	1.60	5.00	ug/L	11/06/25 15:35	PB170424
117-84-0	Di-n-octyl phthalate	59.3		1	2.30	10.0	ug/L	11/06/25 15:35	PB170424
205-99-2	Benzo(b)fluoranthene	47.1		1	0.49	5.00	ug/L	11/06/25 15:35	PB170424
207-08-9	Benzo(k)fluoranthene	45.2		1	0.48	5.00	ug/L	11/06/25 15:35	PB170424
50-32-8	Benzo(a)pyrene	48.2		1	0.55	5.00	ug/L	11/06/25 15:35	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		1	0.59	5.00	ug/L	11/06/25 15:35	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.0		1	0.67	5.00	ug/L	11/06/25 15:35	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 15:35	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	45.4		1	0.52	5.00	ug/L	11/06/25 15:35	PB170424
123-91-1	1,4-Dioxane	32.9		1	1.00	5.00	ug/L	11/06/25 15:35	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 15:35	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	132			15 (23) - 110 (138)	88%	SPK: 150		
13127-88-3	Phenol-d6	134			15 (10) - 110 (134)	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.1			30 (67) - 130 (132)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.6			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	155			15 (44) - 110 (137)	103%	SPK: 150		
1718-51-0	Terphenyl-d14	85.0			30 (42) - 130 (152)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	300000							
1146-65-2	Naphthalene-d8	1260000							
15067-26-2	Acenaphthene-d10	854000							
1517-22-2	Phenanthrene-d10	1820000							
1719-03-5	Chrysene-d12	1870000							
1520-96-3	Perylene-d12	2000000							

Raw Data: **BP026079.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BSD			SDG No.:	Q3534
Lab Sample ID:	PB170424BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
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MDL = Method Detection Limit
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_F Calibration Date/Time: 11/06/2025 11:13

Lab File ID: BF144180.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.335		4.5	
Benzaldehyde	0.818	0.829		1.3	
Phenol-d6	1.448	1.506		4.0	
Phenol	1.769	1.823		3.1	20.0
bis(2-Chloroethyl)ether	1.289	1.333		3.4	
2-Chlorophenol	1.253	1.297		3.5	
2-Methylphenol	0.997	1.048		5.1	
2,2-oxybis(1-Chloropropane)	2.374	2.494		5.1	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.214		3.3	
n-Nitroso-di-n-propylamine	0.953	0.973	0.050	2.1	
Nitrobenzene-d5	0.346	0.359		3.8	
Hexachloroethane	0.515	0.548		6.4	
Nitrobenzene	0.376	0.386		2.7	
Isophorone	0.655	0.683		4.3	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.293		5.0	
bis(2-Chloroethoxy)methane	0.409	0.423		3.4	
2,4-Dichlorophenol	0.322	0.325		0.9	20.0
Naphthalene	0.951	0.951		0.0	
4-Chloroaniline	0.347	0.362		4.3	
Hexachlorobutadiene	0.249	0.252		1.2	20.0
Caprolactam	0.088	0.095		8.0	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.646		1.6	
Hexachlorocyclopentadiene	0.195	0.199	0.050	2.1	
2,4,6-Trichlorophenol	0.446	0.434		-2.7	20.0
2-Fluorobiphenyl	1.354	1.280		-5.5	
2,4,5-Trichlorophenol	0.481	0.477		-0.8	
1,1-Biphenyl	1.396	1.364		-2.3	
2-Chloronaphthalene	1.191	1.154		-3.1	
2-Nitroaniline	0.344	0.363		5.5	
Dimethylphthalate	1.325	1.342		1.3	
Acenaphthylene	1.623	1.621		-0.1	
2,6-Dinitrotoluene	0.268	0.284		6.0	
3-Nitroaniline	0.293	0.312		6.5	
Acenaphthene	1.085	1.054		-2.9	20.0
2,4-Dinitrophenol	0.162	0.146	0.050	-9.9	
4-Nitrophenol	0.212	0.221	0.050	4.2	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_F Calibration Date/Time: 11/06/2025 11:13

Lab File ID: BF144180.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.505		-1.0	
2,4-Dinitrotoluene	0.359	0.389		8.4	
Diethylphthalate	1.221	1.265		3.6	
4-Chlorophenyl-phenylether	0.658	0.676		2.7	
Fluorene	1.156	1.160		0.3	
4-Nitroaniline	0.279	0.303		8.6	
4,6-Dinitro-2-methylphenol	0.136	0.135		-0.7	
n-Nitrosodiphenylamine	0.643	0.649		0.9	20.0
2,4,6-Tribromophenol	0.251	0.266		6.0	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.313		4.0	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.157		4.7	20.0
Phenanthrene	0.996	1.023		2.7	
Anthracene	1.013	1.026		1.3	
Carbazole	0.861	0.882		2.4	
Di-n-butylphthalate	1.041	1.100		5.7	
Fluoranthene	1.029	1.076		4.6	20.0
Pyrene	1.613	1.763		9.3	
Terphenyl-d14	1.259	1.373		9.1	
Butylbenzylphthalate	0.559	0.622		11.3	
3,3-Dichlorobenzidine	0.475	0.470		-1.1	
Benzo(a)anthracene	1.386	1.411		1.8	
Chrysene	1.280	1.333		4.1	
Bis(2-ethylhexyl)phthalate	0.765	0.798		4.3	
Di-n-octyl phthalate	1.320	1.296		-1.8	20.0
Benzo(b)fluoranthene	1.137	1.113		-2.1	
Benzo(k)fluoranthene	1.064	1.156		8.6	
Benzo(a)pyrene	1.049	1.084		3.3	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.493		4.0	
Dibenzo(a,h)anthracene	1.153	1.196		3.7	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.655		0.0	
1,4-Dioxane	0.528	0.558		5.7	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_G Calibration Date/Time: 11/06/2025 12:13

Lab File ID: BG064699.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.123		-5.8	
Benzaldehyde	0.893	0.817		-8.5	
Phenol-d6	1.635	1.569		-4.0	
Phenol	1.808	1.740		-3.8	20.0
bis(2-Chloroethyl)ether	1.329	1.267		-4.7	
2-Chlorophenol	1.247	1.315		5.5	
2-Methylphenol	1.201	1.251		4.2	
2,2-oxybis(1-Chloropropane)	3.487	3.278		-6.0	
Acetophenone	0.547	0.557		1.8	
3+4-Methylphenols	1.688	1.777		5.3	
n-Nitroso-di-n-propylamine	1.130	1.186	0.050	5.0	
Nitrobenzene-d5	0.333	0.418		25.5	
Hexachloroethane	0.512	0.541		5.7	
Nitrobenzene	0.362	0.429		18.5	
Isophorone	0.799	0.823		3.0	
2-Nitrophenol	0.121	0.193		59.5	20.0
2,4-Dimethylphenol	0.297	0.312		5.1	
bis(2-Chloroethoxy)methane	0.455	0.457		0.4	
2,4-Dichlorophenol	0.320	0.382		19.4	20.0
Naphthalene	1.109	1.158		4.4	
4-Chloroaniline	0.431	0.452		4.9	
Hexachlorobutadiene	0.284	0.342		20.4	20.0
Caprolactam	0.123	0.121		-1.6	
4-Chloro-3-methylphenol	0.384	0.438		14.1	20.0
2-Methylnaphthalene	0.814	0.890		9.3	
Hexachlorocyclopentadiene	0.302	0.351	0.050	16.2	
2,4,6-Trichlorophenol	0.384	0.464		20.8	20.0
2-Fluorobiphenyl	1.319	1.387		5.2	
2,4,5-Trichlorophenol	0.443	0.522		17.8	
1,1-Biphenyl	1.422	1.439		1.2	
2-Chloronaphthalene	1.073	1.129		5.2	
2-Nitroaniline	0.311	0.400		28.6	
Dimethylphthalate	1.530	1.590		3.9	
Acenaphthylene	1.693	1.721		1.7	
2,6-Dinitrotoluene	0.218	0.309		41.7	
3-Nitroaniline	0.263	0.315		19.8	
Acenaphthene	1.157	1.196		3.4	20.0
2,4-Dinitrophenol	0.132	0.141	0.050	6.8	
4-Nitrophenol	0.244	0.196	0.050	-19.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_G Calibration Date/Time: 11/06/2025 12:13

Lab File ID: BG064699.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.918		2.6	
2,4-Dinitrotoluene	0.340	0.472		38.8	
Diethylphthalate	1.563	1.597		2.2	
4-Chlorophenyl-phenylether	0.820	0.923		12.6	
Fluorene	1.460	1.525		4.5	
4-Nitroaniline	0.293	0.304		3.8	
4,6-Dinitro-2-methylphenol	0.079	0.111		40.5	
n-Nitrosodiphenylamine	0.540	0.569		5.4	20.0
2,4,6-Tribromophenol	0.289	0.381		31.8	
4-Bromophenyl-phenylether	0.237	0.283		19.4	
Hexachlorobenzene	0.270	0.323		19.6	
Atrazine	0.232	0.235		1.3	
Pentachlorophenol	0.169	0.200		18.3	20.0
Phenanthrene	1.094	1.124		2.7	
Anthracene	1.113	1.125		1.1	
Carbazole	0.981	0.854		-12.9	
Di-n-butylphthalate	1.135	1.066		-6.1	
Fluoranthene	1.370	1.198		-12.6	20.0
Pyrene	1.307	1.403		7.3	
Terphenyl-d14	1.060	1.177		11.0	
Butylbenzylphthalate	0.395	0.418		5.8	
3,3-Dichlorobenzidine	0.443	0.478		7.9	
Benzo(a)anthracene	1.326	1.382		4.2	
Chrysene	1.262	1.305		3.4	
Bis(2-ethylhexyl)phthalate	0.590	0.603		2.2	
Di-n-octyl phthalate	0.995	1.058		6.3	20.0
Benzo(b)fluoranthene	1.226	1.275		4.0	
Benzo(k)fluoranthene	1.227	1.271		3.6	
Benzo(a)pyrene	1.127	1.177		4.4	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.532		4.1	
Dibenzo(a,h)anthracene	1.195	1.261		5.5	
Benzo(g,h,i)perylene	1.142	1.198		4.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.752		12.1	
1,4-Dioxane	0.528	0.427		-19.1	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.518		22.2	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_P Calibration Date/Time: 11/06/2025 13:25

Lab File ID: BP026076.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.267		4.5	
Benzaldehyde	0.802	0.809		0.9	
Phenol-d6	1.543	1.653		7.1	
Phenol	1.713	1.798		5.0	20.0
bis(2-Chloroethyl)ether	1.352	1.366		1.0	
2-Chlorophenol	1.342	1.480		10.3	
2-Methylphenol	1.121	1.196		6.7	
2,2-oxybis(1-Chloropropane)	2.043	1.948		-4.7	
Acetophenone	0.506	0.509		0.6	
3+4-Methylphenols	1.560	1.687		8.1	
n-Nitroso-di-n-propylamine	0.958	1.040	0.050	8.6	
Nitrobenzene-d5	0.321	0.353		10.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.360		6.2	
Isophorone	0.687	0.733		6.7	
2-Nitrophenol	0.104	0.180		73.1	20.0
2,4-Dimethylphenol	0.289	0.297		2.8	
bis(2-Chloroethoxy)methane	0.433	0.446		3.0	
2,4-Dichlorophenol	0.305	0.339		11.1	20.0
Naphthalene	1.091	1.091		0.0	
4-Chloroaniline	0.419	0.439		4.8	
Hexachlorobutadiene	0.211	0.215		1.9	20.0
Caprolactam	0.107	0.126		17.8	
4-Chloro-3-methylphenol	0.320	0.367		14.7	20.0
2-Methylnaphthalene	0.763	0.799		4.7	
Hexachlorocyclopentadiene	0.227	0.280	0.050	23.3	
2,4,6-Trichlorophenol	0.367	0.431		17.4	20.0
2-Fluorobiphenyl	1.392	1.347		-3.2	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.512		-1.2	
2-Chloronaphthalene	1.205	1.197		-0.7	
2-Nitroaniline	0.272	0.345		26.8	
Dimethylphthalate	1.455	1.553		6.7	
Acenaphthylene	1.756	1.771		0.9	
2,6-Dinitrotoluene	0.237	0.308		30.0	
3-Nitroaniline	0.291	0.362		24.4	
Acenaphthene	1.206	1.165		-3.4	20.0
2,4-Dinitrophenol	0.100	0.163	0.050	63.0	
4-Nitrophenol	0.290	0.320	0.050	10.3	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3534

Instrument ID: BNA_P Calibration Date/Time: 11/06/2025 13:25

Lab File ID: BP026076.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.807		-0.8	
2,4-Dinitrotoluene	0.347	0.457		31.7	
Diethylphthalate	1.463	1.583		8.2	
4-Chlorophenyl-phenylether	0.713	0.715		0.3	
Fluorene	1.427	1.426		-0.1	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.630		0.8	20.0
2,4,6-Tribromophenol	0.216	0.269		24.5	
4-Bromophenyl-phenylether	0.222	0.234		5.4	
Hexachlorobenzene	0.253	0.263		4.0	
Atrazine	0.211	0.225		6.6	
Pentachlorophenol	0.154	0.279		81.2	20.0
Phenanthrene	1.164	1.150		-1.2	
Anthracene	1.154	1.161		0.6	
Carbazole	1.092	1.111		1.7	
Di-n-butylphthalate	1.222	1.385		13.3	
Fluoranthene	1.358	1.381		1.7	20.0
Pyrene	1.353	1.393		3.0	
Terphenyl-d14	0.984	1.000		1.6	
Butylbenzylphthalate	0.432	0.602		39.4	
3,3-Dichlorobenzidine	0.443	0.501		13.1	
Benzo(a)anthracene	1.374	1.388		1.0	
Chrysene	1.302	1.300		-0.2	
Bis(2-ethylhexyl)phthalate	0.718	0.917		27.7	
Di-n-octyl phthalate	1.191	1.618		35.9	20.0
Benzo(b)fluoranthene	1.242	1.252		0.8	
Benzo(k)fluoranthene	1.268	1.227		-3.2	
Benzo(a)pyrene	1.141	1.157		1.4	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.509		2.2	
Dibenzo(a,h)anthracene	1.202	1.237		2.9	
Benzo(g,h,i)perylene	1.156	1.168		1.0	
1,2,4,5-Tetrachlorobenzene	0.621	0.622		0.2	
1,4-Dioxane	0.511	0.507		-0.8	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.411		24.5	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Nov 07 00:34:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

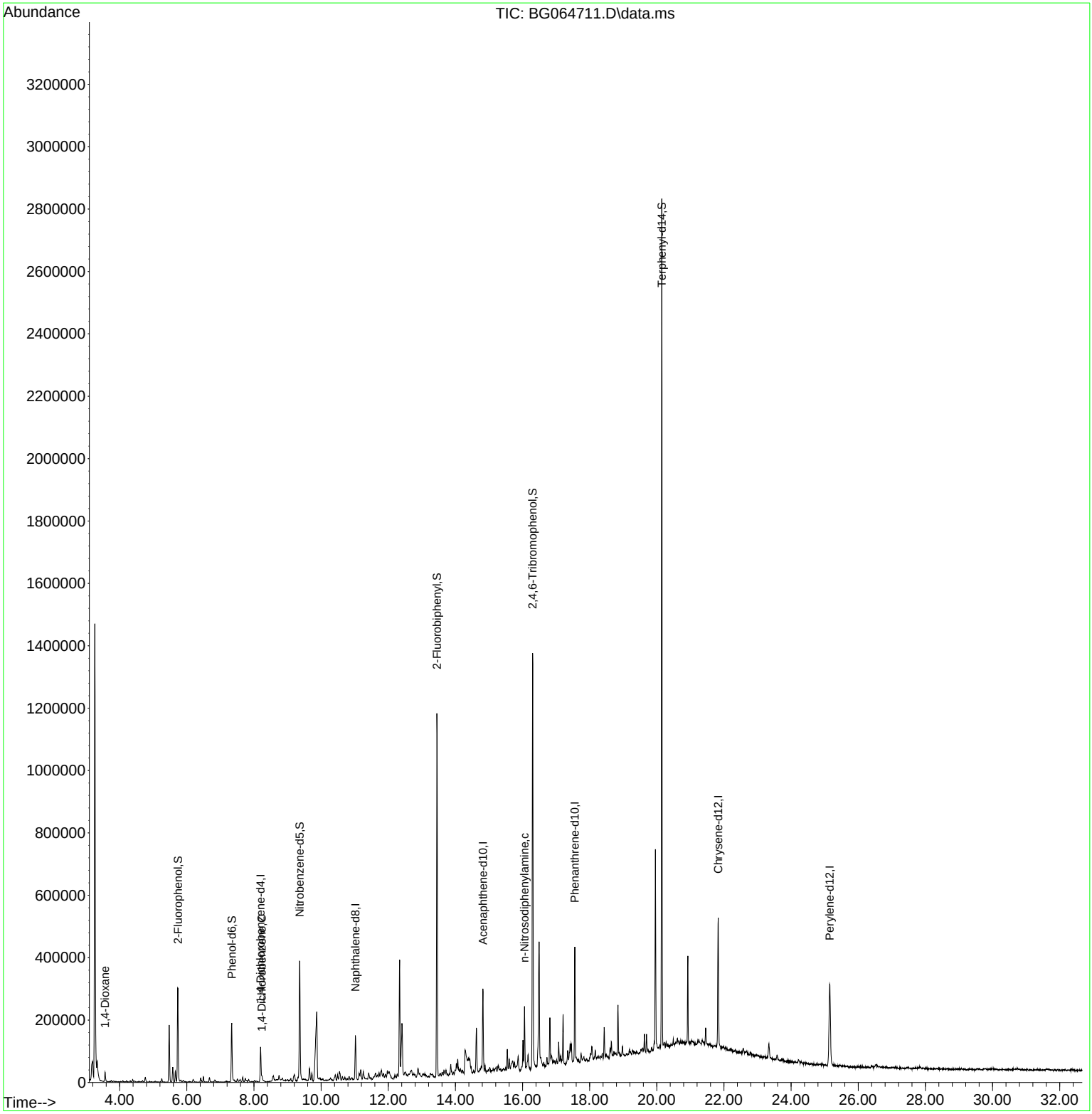
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	30988	20.000	ng	-0.03
21) Naphthalene-d8	11.023	136	121821	20.000	ng	#-0.03
39) Acenaphthene-d10	14.819	164	100117	20.000	ng	-0.03
64) Phenanthrene-d10	17.557	188	237813	20.000	ng	#-0.03
76) Chrysene-d12	21.828	240	285660	20.000	ng	#-0.03
86) Perylene-d12	25.148	264	321269	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	128027	69.347	ng	-0.01
7) Phenol-d6	7.339	99	111653	44.073	ng	-0.01
23) Nitrobenzene-d5	9.361	82	230500	113.646	ng	-0.03
42) 2,4,6-Tribromophenol	16.300	330	273023	188.945	ng	-0.02
45) 2-Fluorobiphenyl	13.450	172	621801	94.139	ng	-0.03
79) Terphenyl-d14	20.148	244	1385592	91.537	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	13278	16.245	ng	# 78
13) 1,4-Dichlorobenzene	8.232	146	7055	3.120	ng	94
66) n-Nitrosodiphenylamine	16.059	169	72525	11.290	ng	100

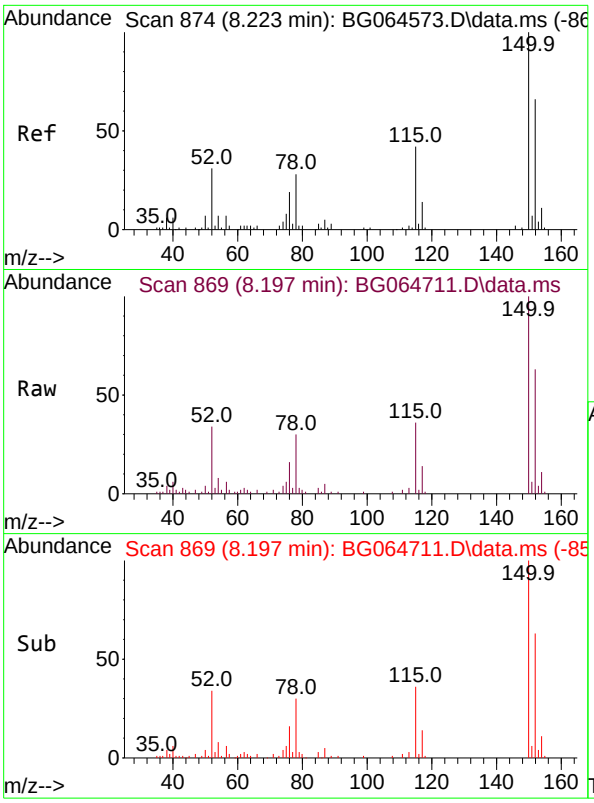
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Nov 07 00:34:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



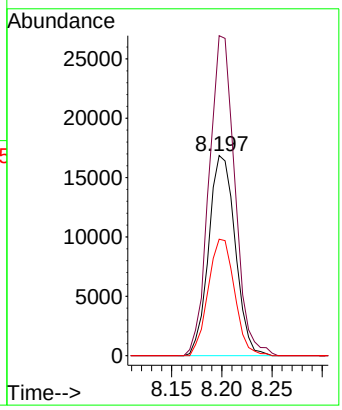


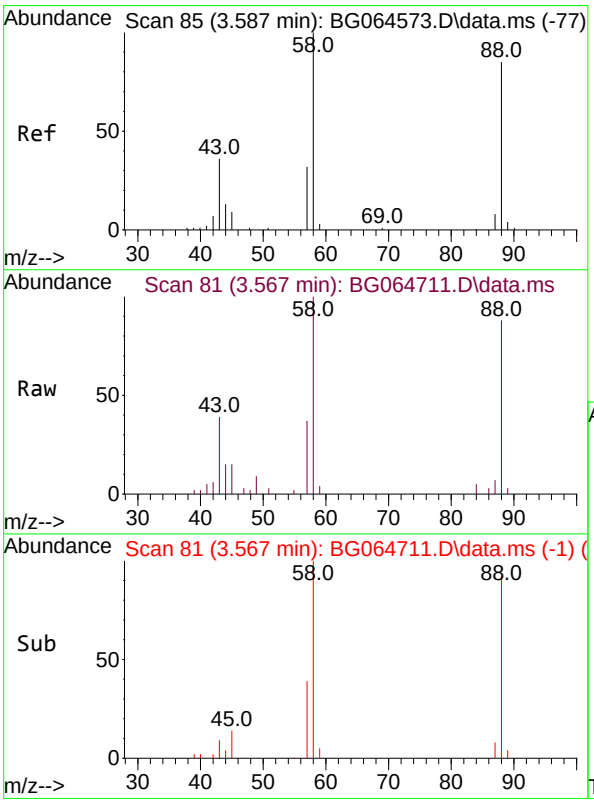
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.197 min Scan# 8
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 30988

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.2	183.4
115	58.2	50.8	76.2

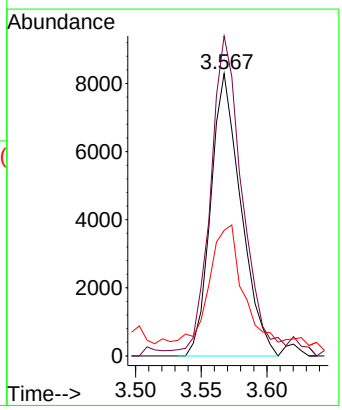


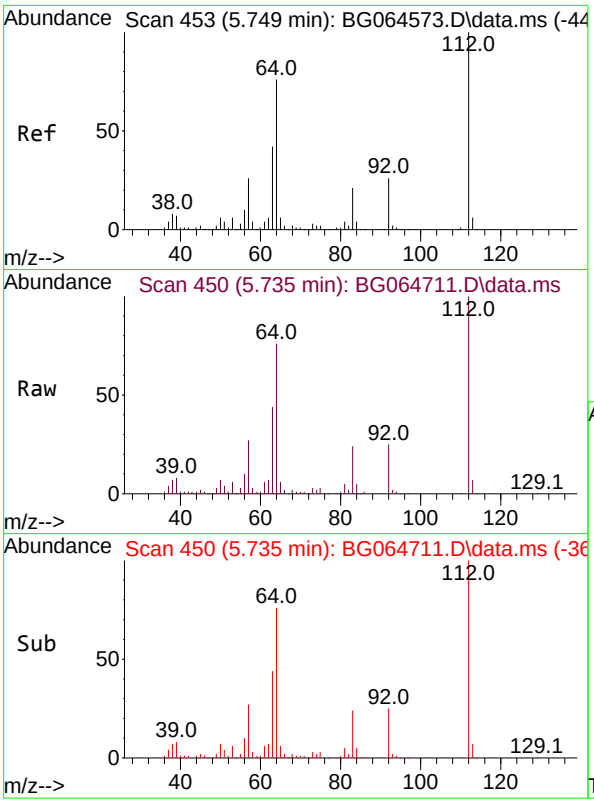


#2
1,4-Dioxane
Concen: 16.245 ng
RT: 3.567 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion: 88 Resp: 13278

Ion	Ratio	Lower	Upper
88	100		
58	123.0	92.4	138.6
43	0.0	33.0	49.6#



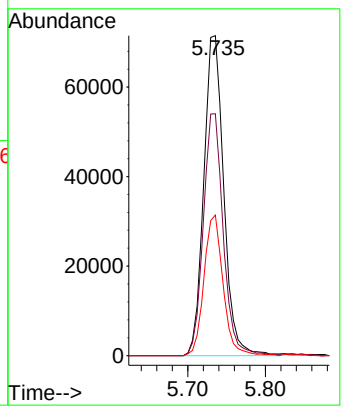


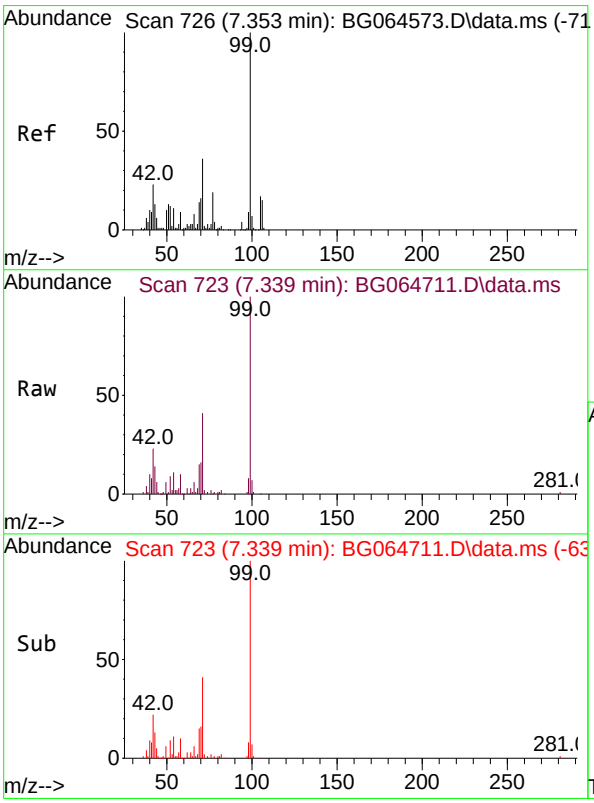
#5
2-Fluorophenol
Concen: 69.347 ng
RT: 5.735 min Scan# 4
Delta R.T. -0.014 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:112 Resp: 128027

Ion	Ratio	Lower	Upper
112	100		
64	75.6	60.7	91.1
63	43.9	33.4	50.0

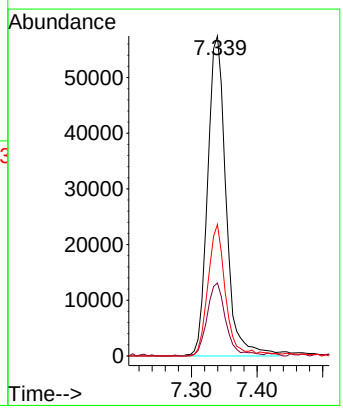


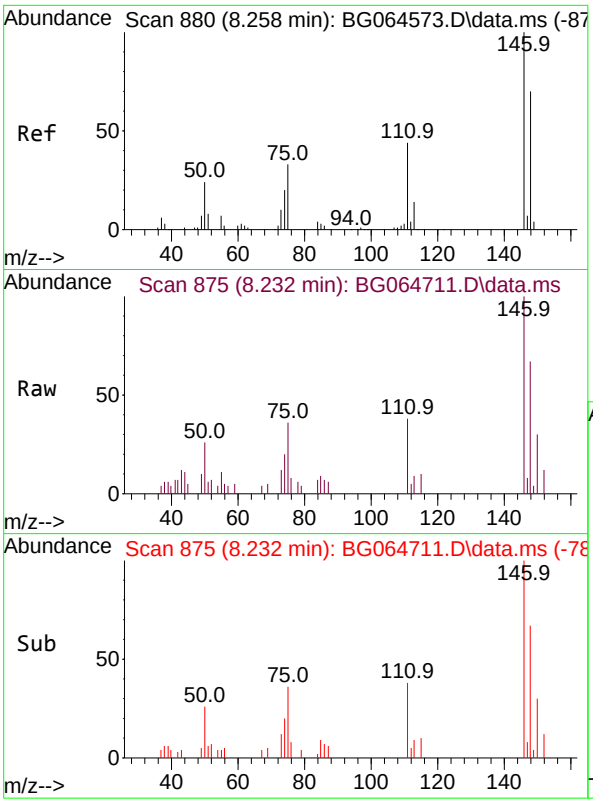


#7
Phenol-d6
Concen: 44.073 ng
RT: 7.339 min Scan# 723
Delta R.T. -0.014 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion: 99 Resp: 111653

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.3	27.5
71	41.1	28.6	43.0



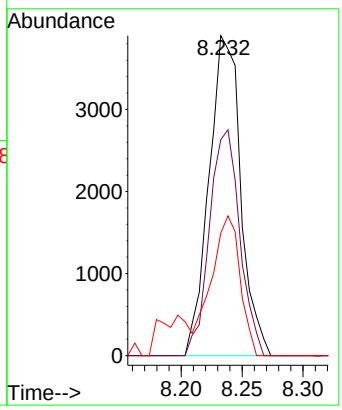


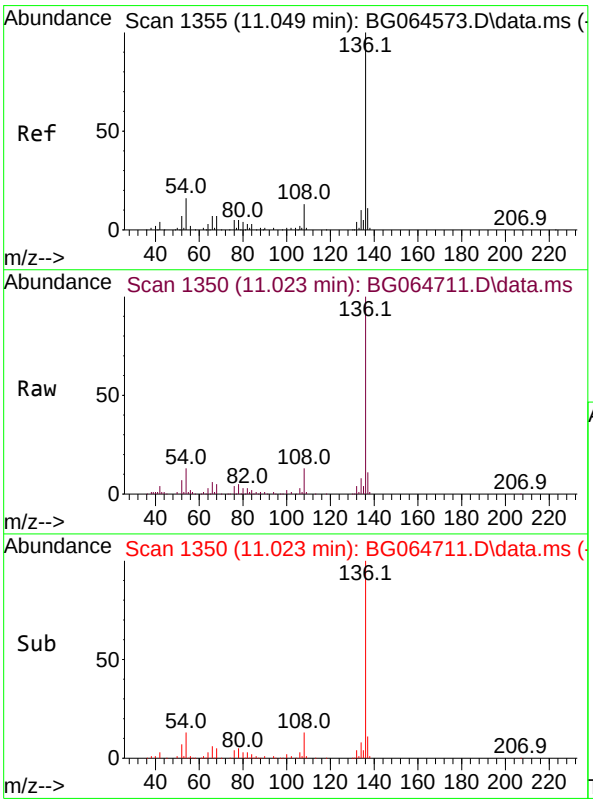
#13
1,4-Dichlorobenzene
Concen: 3.120 ng
RT: 8.232 min Scan# 8
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:146 Resp: 7055

Ion	Ratio	Lower	Upper
146	100		
148	67.5	56.2	84.4
111	38.3	35.4	53.0

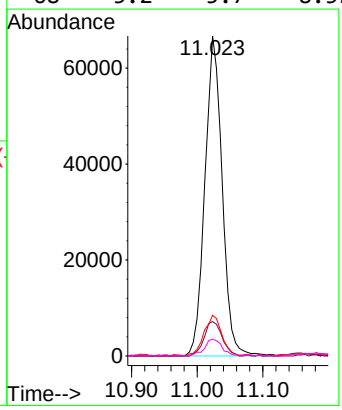


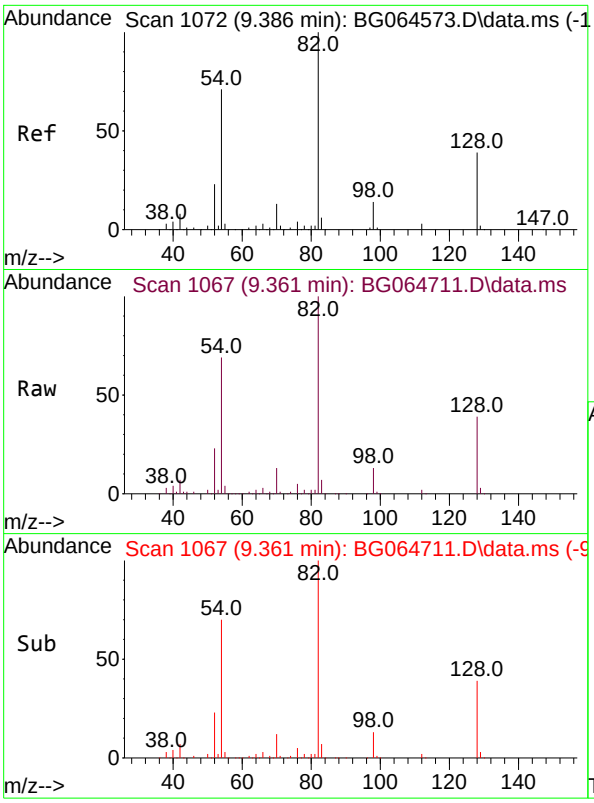


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.023 min Scan# 1350
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:136 Resp: 121821

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	12.7	12.6	19.0
68	5.2	5.7	8.5#



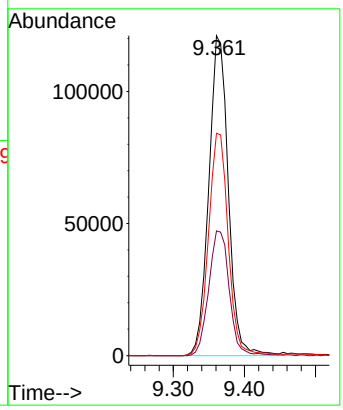


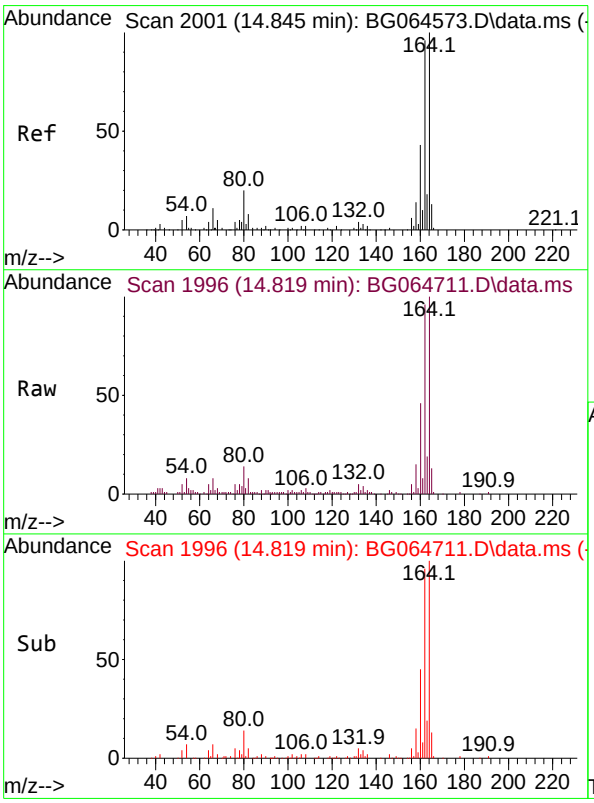
#23
Nitrobenzene-d5
Concen: 113.646 ng
RT: 9.361 min Scan# 10
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 82 Resp: 230500

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	69.5	56.6	84.8

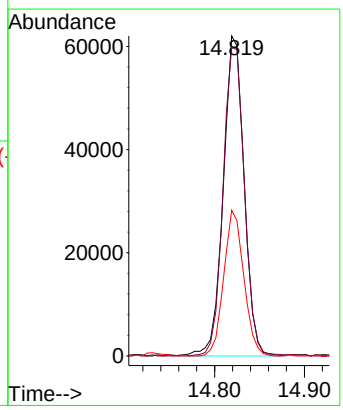


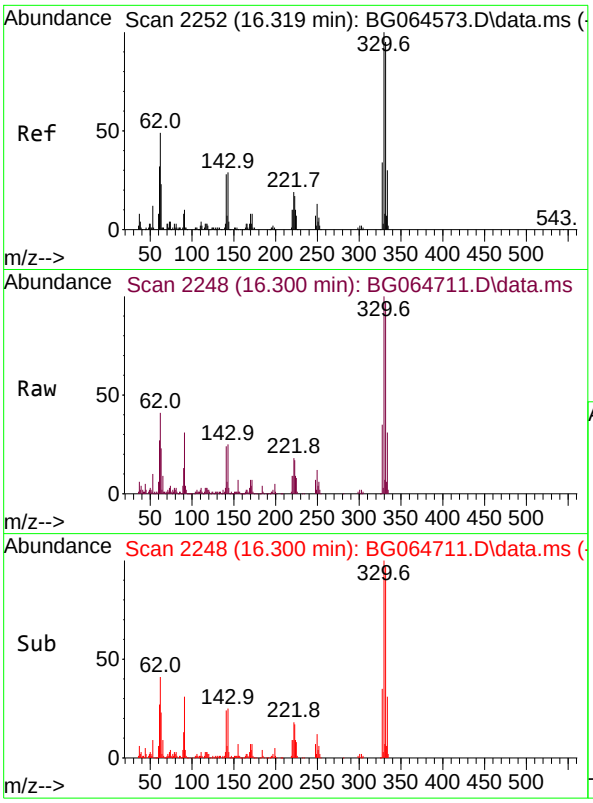


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.819 min Scan# 1996
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:164 Resp: 100117

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.0	115.6
160	45.5	34.4	51.6



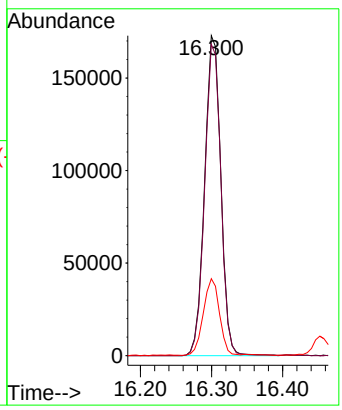


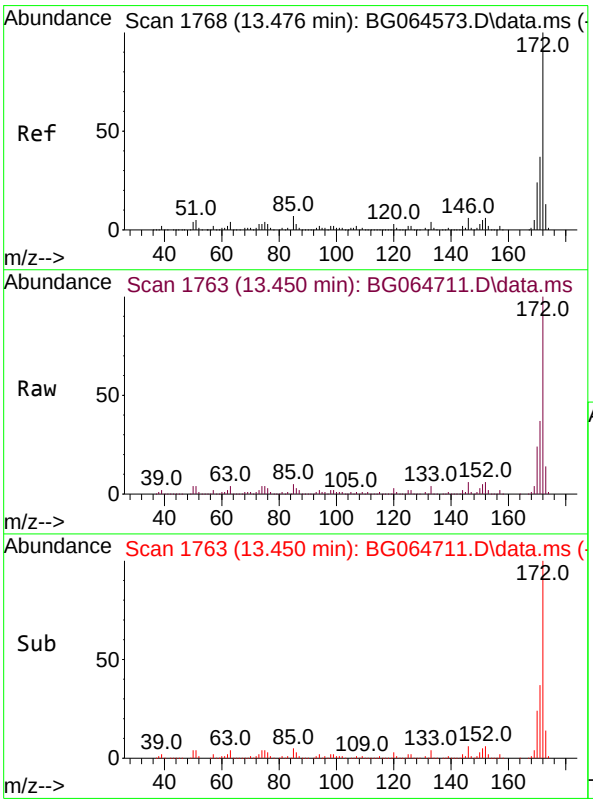
#42
2,4,6-Tribromophenol
Concen: 188.945 ng
RT: 16.300 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:330 Resp: 273023

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	23.7	21.8	32.6

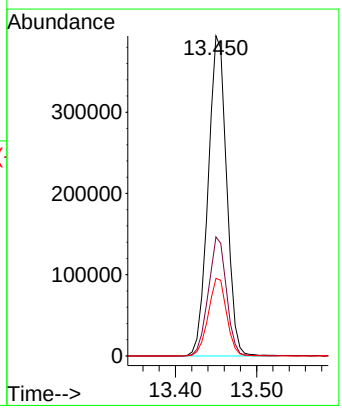


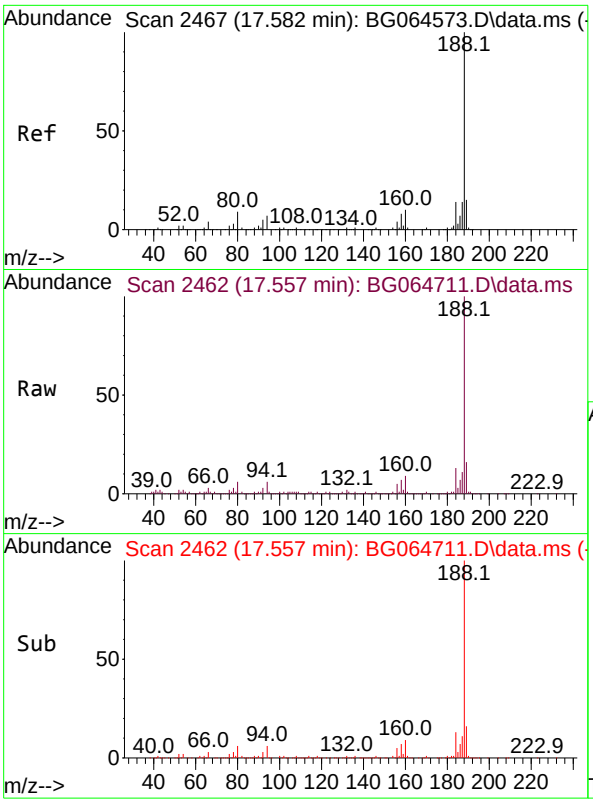


#45
2-Fluorobiphenyl
Concen: 94.139 ng
RT: 13.450 min Scan# 1763
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:172 Resp: 621801

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.2	19.1	28.7



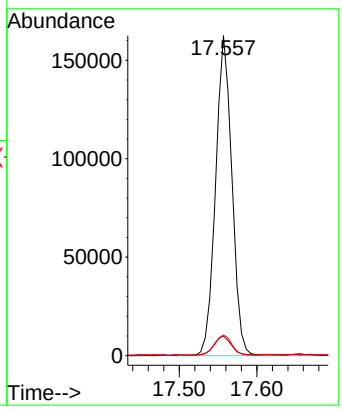


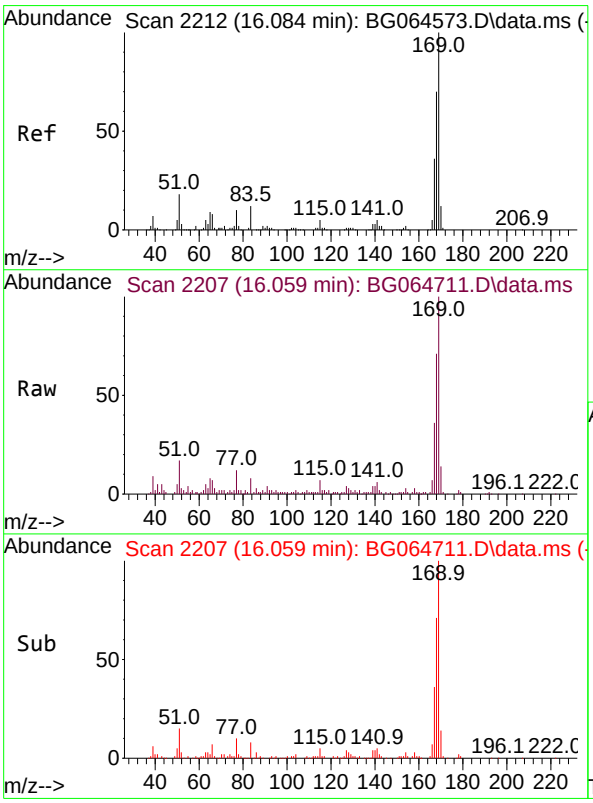
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 237813

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.4	6.8	10.2#

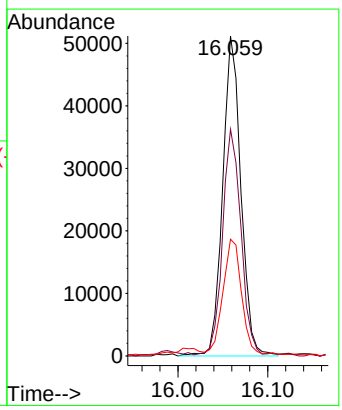


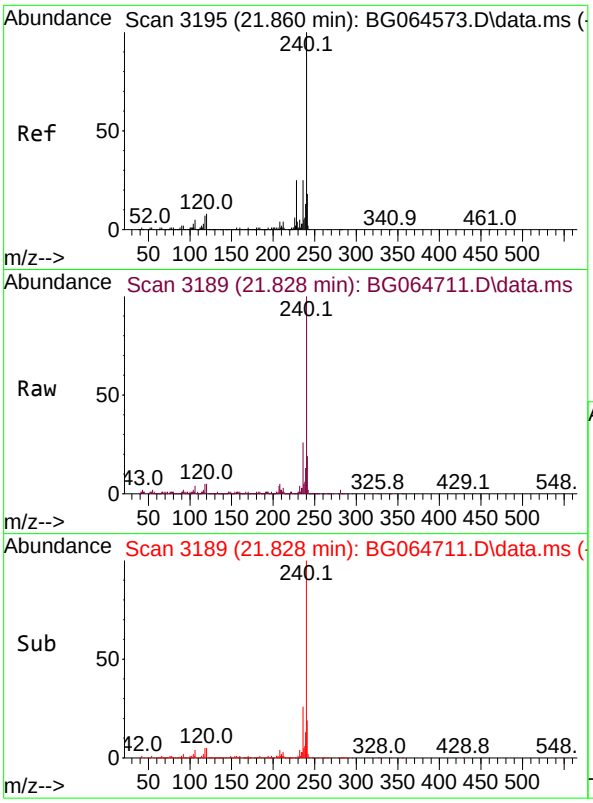


#66
n-Nitrosodiphenylamine
Concen: 11.290 ng
RT: 16.059 min Scan# 2207
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:169 Resp: 72525

Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.3	84.5
167	36.5	29.0	43.6



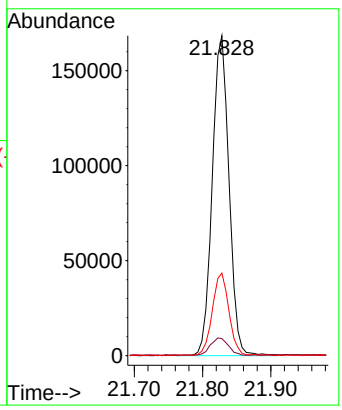


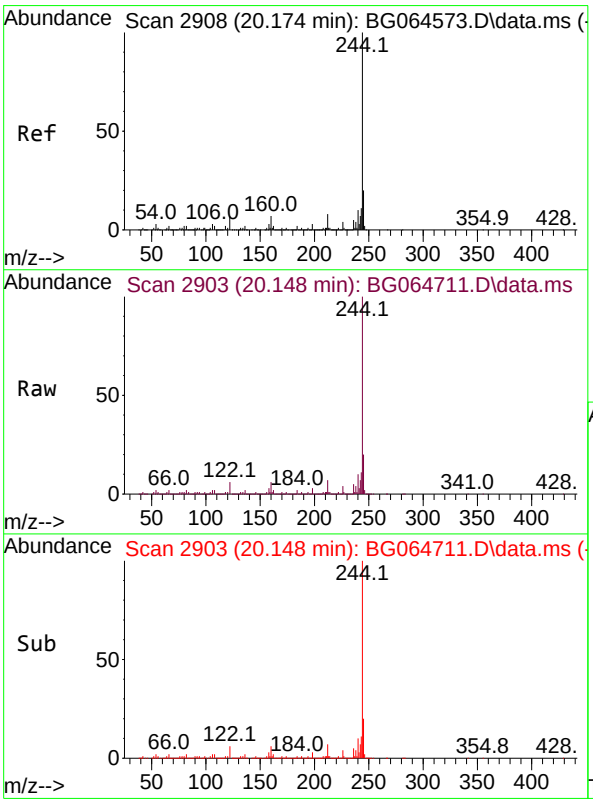
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 31
Delta R.T. -0.031 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 285660

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.5	9.7#
236	25.8	20.2	30.2

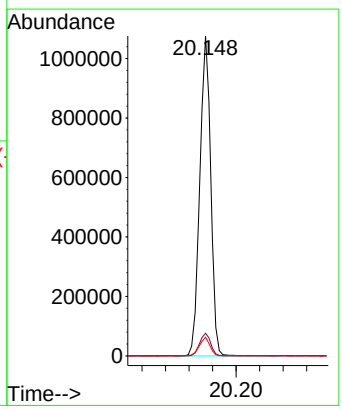


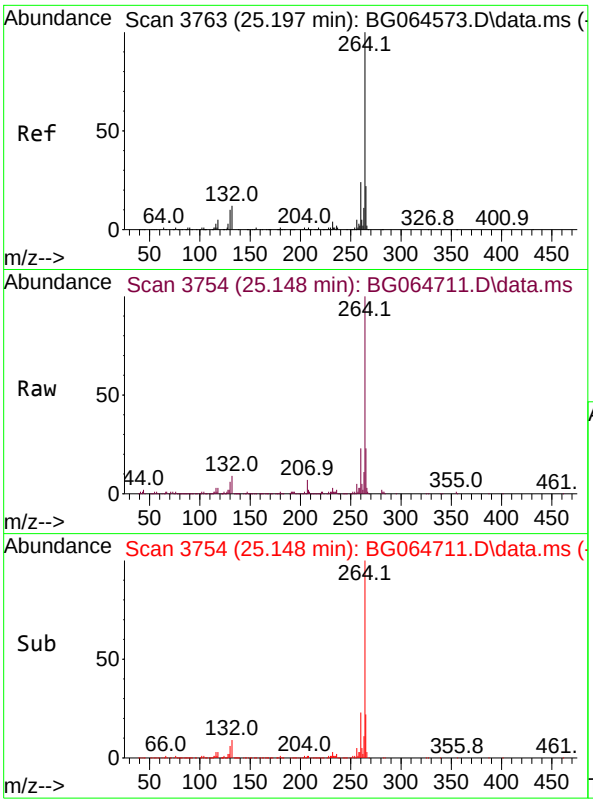


#79
Terphenyl-d14
Concen: 91.537 ng
RT: 20.148 min Scan# 2903
Delta R.T. -0.026 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Tgt Ion:244 Resp: 1385592

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	5.8	5.6	8.4



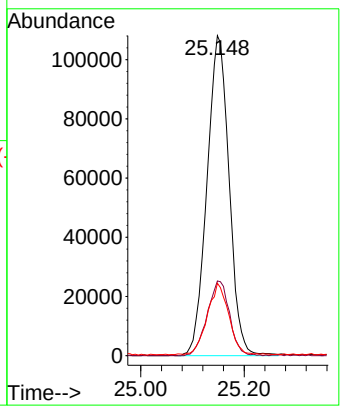


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.148 min Scan# 3
Delta R.T. -0.049 min
Lab File: BG064711.D
Acq: 6 Nov 2025 20:33

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:264 Resp: 321269

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.6	17.6	26.4



Sample Results: **BG064711.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.191	7	17	23	rBV4	59729	182200	5.26%	0.781%
2	3.262	23	29	38	rVV	1463767	2622964	75.66%	11.239%
3	3.332	38	41	58	rVB2	63403	160422	4.63%	0.687%
4	3.567	75	81	88	rBV	29939	48768	1.41%	0.209%
5	5.477	396	406	416	rBV	183320	315105	9.09%	1.350%
6	5.583	418	424	432	rBV	47969	79852	2.30%	0.342%
7	5.659	432	437	443	rBV	34938	61101	1.76%	0.262%
8	5.730	443	449	460	rVV	300008	522339	15.07%	2.238%
9	7.339	715	723	735	rBV	189175	373137	10.76%	1.599%
10	8.197	862	869	883	rBV2	111489	238694	6.88%	1.023%
11	9.202	1031	1040	1050	rBV6	22464	67260	1.94%	0.288%
12	9.361	1060	1067	1081	rVB	379376	732764	21.14%	3.140%
13	9.654	1111	1117	1124	rBV2	38322	71382	2.06%	0.306%
14	9.725	1124	1129	1136	rVB5	26523	53933	1.56%	0.231%
15	9.872	1136	1154	1160	rBV2	223232	769588	22.20%	3.297%
16	10.430	1238	1249	1255	rBV10	17631	50452	1.46%	0.216%
17	10.547	1264	1269	1277	rVB7	28262	71850	2.07%	0.308%
18	11.023	1343	1350	1360	rVB	141916	265958	7.67%	1.140%
19	11.135	1360	1369	1373	rBV6	20796	44119	1.27%	0.189%
20	11.182	1373	1377	1384	rVB4	30662	63603	1.83%	0.273%
21	11.258	1384	1390	1398	rBV5	24388	54394	1.57%	0.233%
22	11.417	1412	1417	1425	rBV5	20400	47011	1.36%	0.201%
23	11.799	1474	1482	1488	rBV10	19949	49173	1.42%	0.211%
24	12.339	1566	1574	1579	rBV	374203	632362	18.24%	2.709%
25	12.410	1579	1586	1596	rVB3	166722	409407	11.81%	1.754%
26	12.886	1659	1667	1673	rBV6	28862	76534	2.21%	0.328%
27	13.450	1756	1763	1771	rBV	1164209	1815142	52.36%	7.777%
28	13.661	1795	1799	1805	rVV6	17692	37576	1.08%	0.161%
29	13.861	1828	1833	1843	rVB8	33971	66956	1.93%	0.287%
30	14.073	1865	1869	1873	rVB	33808	44357	1.28%	0.190%
31	14.290	1901	1906	1916	rBV3	77247	294660	8.50%	1.263%
32	14.625	1957	1963	1973	rVB	141697	262850	7.58%	1.126%
33	14.819	1990	1996	2003	rVB	264423	448448	12.94%	1.921%
34	14.884	2004	2007	2013	rVB2	25090	35749	1.03%	0.153%
35	15.547	2115	2120	2124	rBV	67365	92906	2.68%	0.398%
36	15.606	2125	2130	2135	rVB4	31302	49876	1.44%	0.214%

Sample Results: **BG064711.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.871	2170	2175	2182	rVB4	46107	93819	2.71%	0.402%
38	16.012	2195	2199	2203	rBV	85798	124628	3.59%	0.534%
39	16.059	2203	2207	2214	rVB	197416	285521	8.24%	1.223%
40	16.164	2218	2225	2233	rVB5	45428	106811	3.08%	0.458%
41	16.300	2241	2248	2262	rBV2	1330634	2232791	64.40%	9.567%
42	16.493	2270	2281	2287	rBV	400081	850948	24.54%	3.646%
43	16.728	2316	2321	2324	rBV5	29901	47330	1.37%	0.203%
44	16.817	2331	2336	2340	rBV	146580	220617	6.36%	0.945%
45	17.075	2376	2380	2385	rBV	67833	97589	2.81%	0.418%
46	17.210	2398	2403	2409	rVB	158346	238823	6.89%	1.023%
47	17.345	2422	2426	2431	rBV	35537	53355	1.54%	0.229%
48	17.416	2432	2438	2442	rVV3	57090	134812	3.89%	0.578%
49	17.451	2442	2444	2450	rVB	58989	81294	2.34%	0.348%
50	17.557	2457	2462	2467	rBV	361512	524728	15.14%	2.248%
51	18.062	2545	2548	2556	rVB3	41899	82686	2.39%	0.354%
52	18.168	2563	2566	2571	rVB6	27344	41532	1.20%	0.178%
53	18.432	2607	2611	2617	rBV2	95008	126740	3.66%	0.543%
54	18.609	2637	2641	2644	rBV5	34355	60066	1.73%	0.257%
55	18.644	2644	2647	2652	rVB2	47627	70826	2.04%	0.303%
56	18.844	2676	2681	2685	rBV	160727	217566	6.28%	0.932%
57	19.631	2811	2815	2822	rVB	58498	73689	2.13%	0.316%
58	19.696	2822	2826	2831	rBV2	57981	86535	2.50%	0.371%
59	19.960	2866	2871	2877	rVB	623929	812260	23.43%	3.480%
60	20.148	2897	2903	2909	rBV	2722110	3466898	100.00%	14.855%
61	20.924	3030	3035	3040	rVB	279564	332247	9.58%	1.424%
62	21.452	3123	3125	3132	rVB3	52821	70030	2.02%	0.300%
63	21.828	3183	3189	3202	rVB	419570	749005	21.60%	3.209%
64	23.338	3441	3446	3453	rVB7	46404	101049	2.91%	0.433%
65	25.148	3745	3754	3765	rVB	254466	741618	21.39%	3.178%

Sum of corrected areas: 23338705

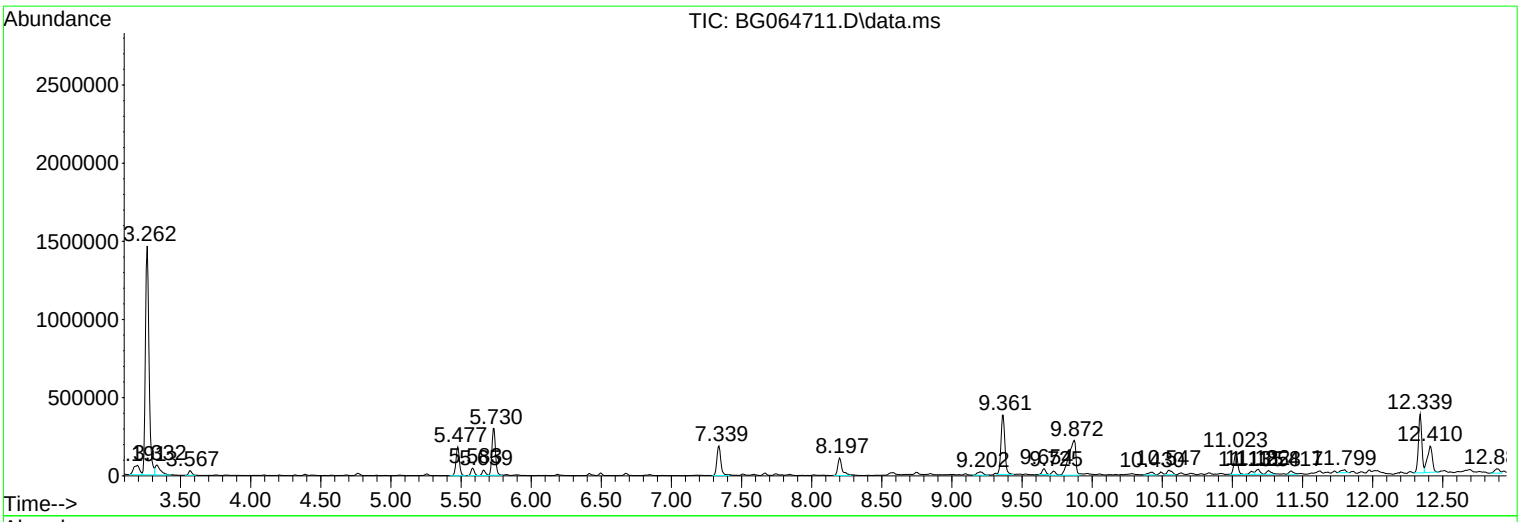
Sample Results: **BG064711.D**

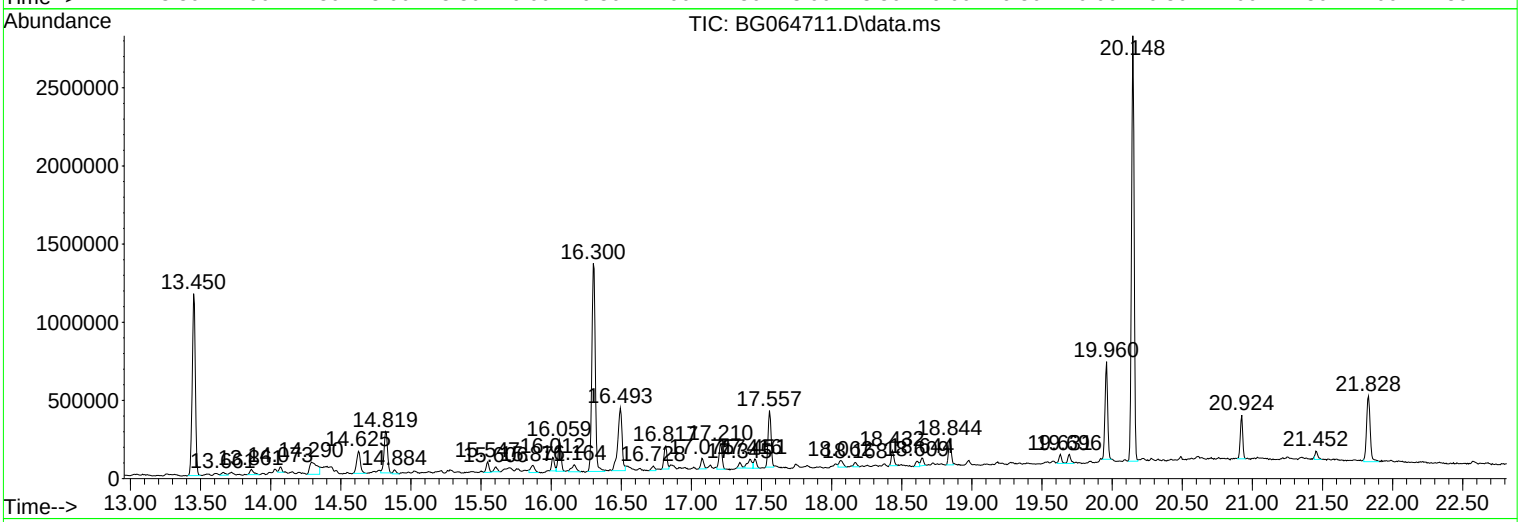
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

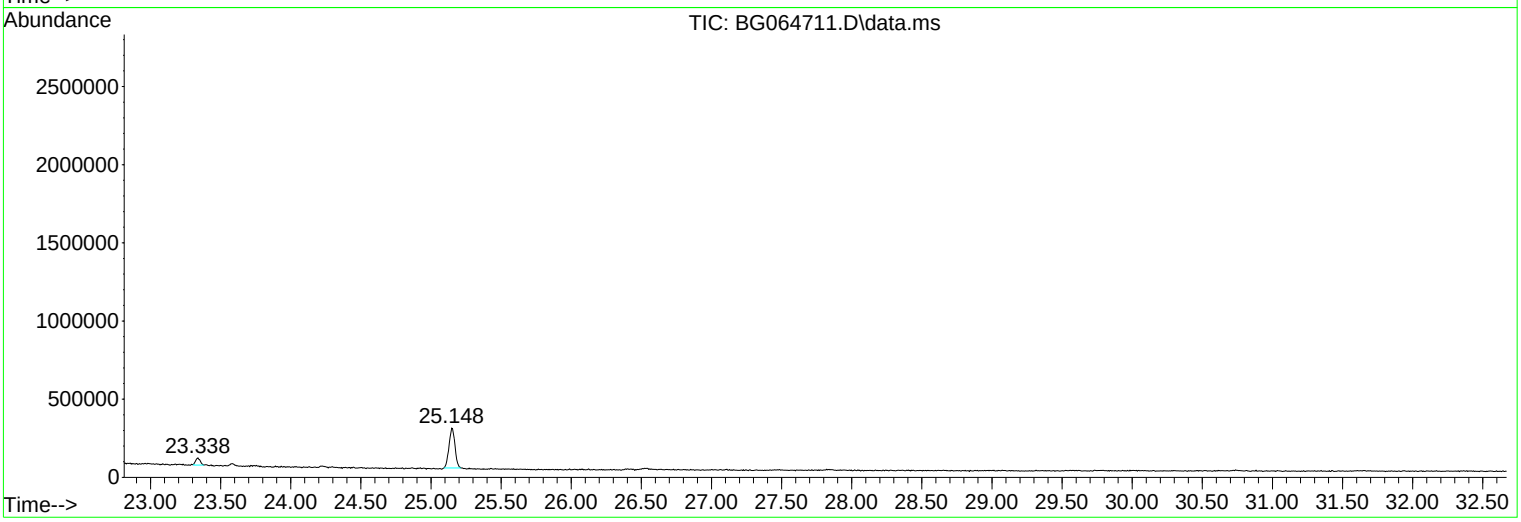
Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

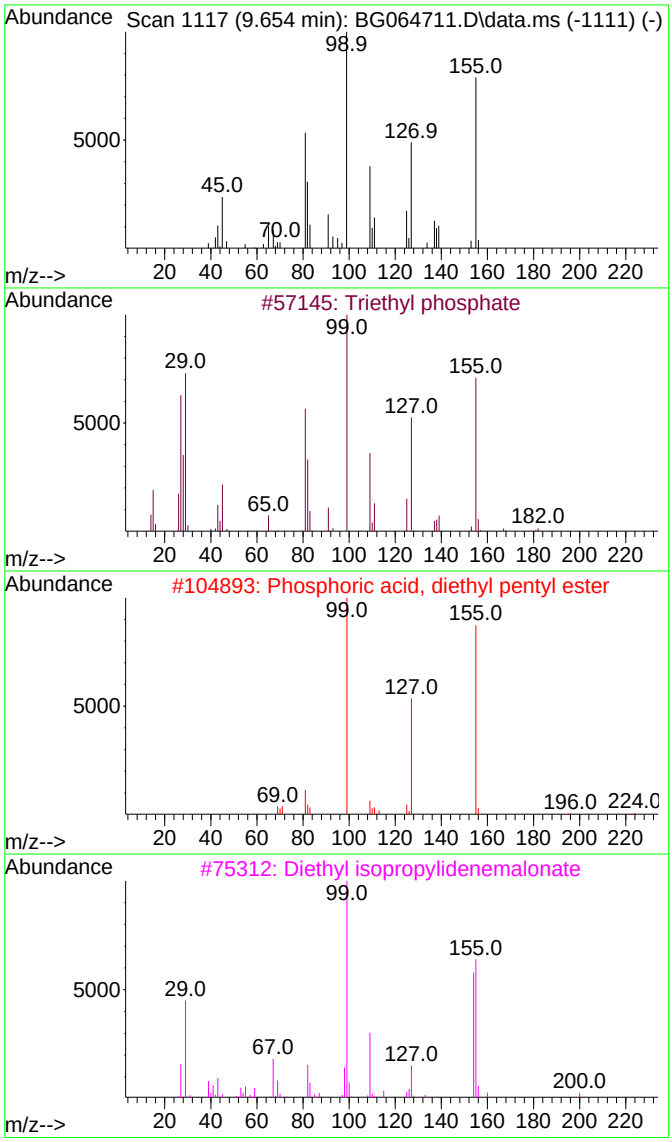
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

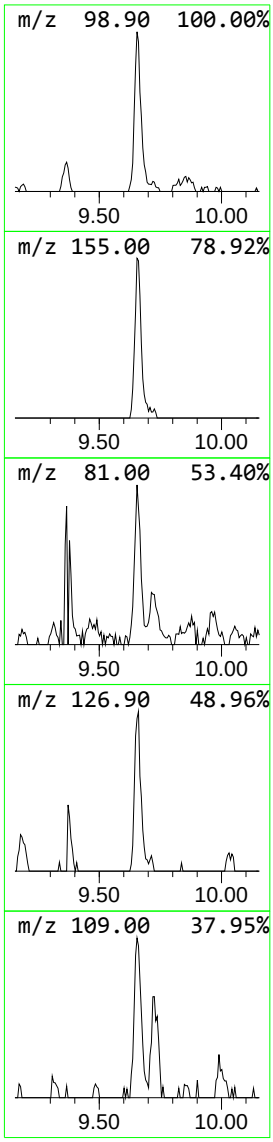
****

Peak Number 7 Triethyl phosphate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.654	5.37 ng	71382	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	90
2	Phosphoric acid, diethyl pentyl ...	224	C9H21O4P	020195-08-8	64
3	Diethyl isopropylidenemalonate	200	C10H16O4	006802-75-1	36
4	2,2,4-Trimethyl-5-oxo-2,5-dihydr...	170	C8H10O4	094072-56-7	25
5	2,4-Diamino-5-nitropyrimidine	155	C4H5N5O2	018620-73-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

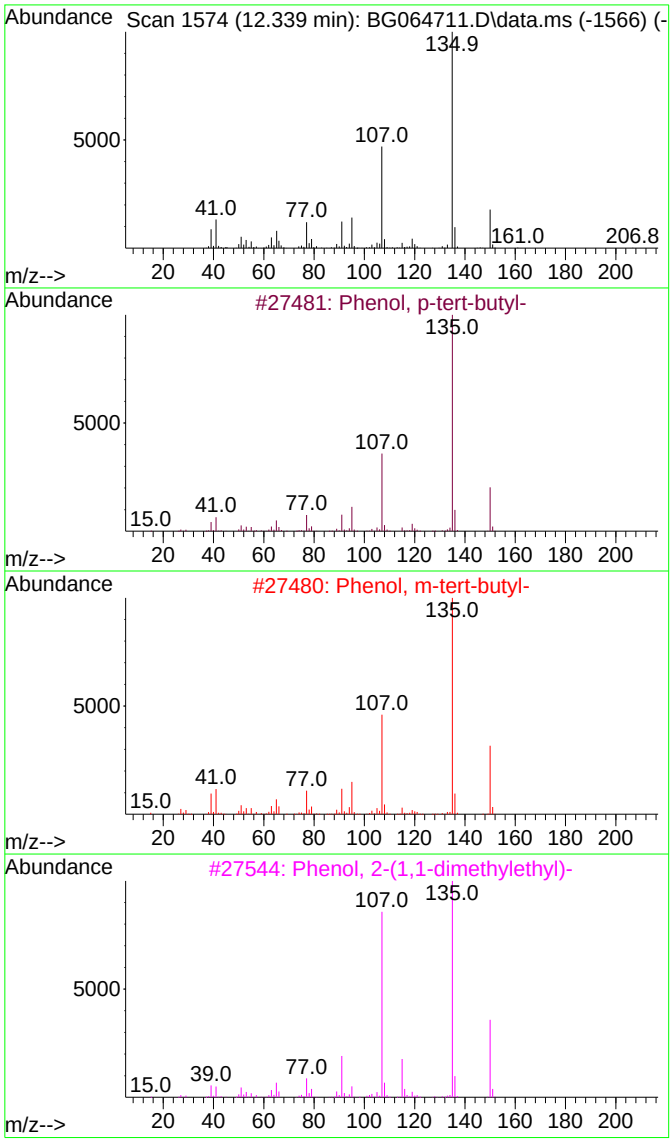
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

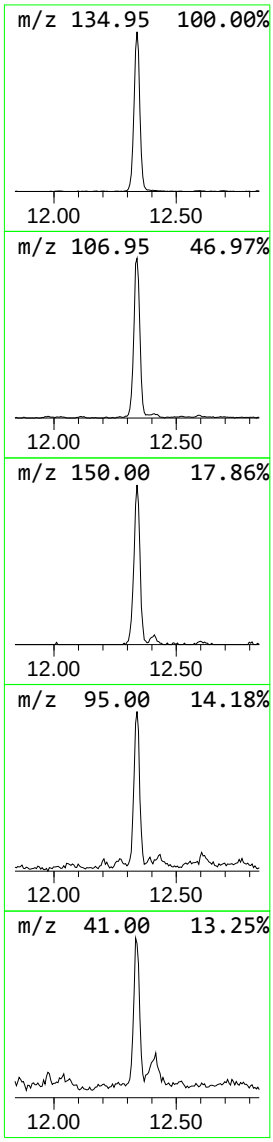
****

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	47.55 ng	632362	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	p-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-63-9	59
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

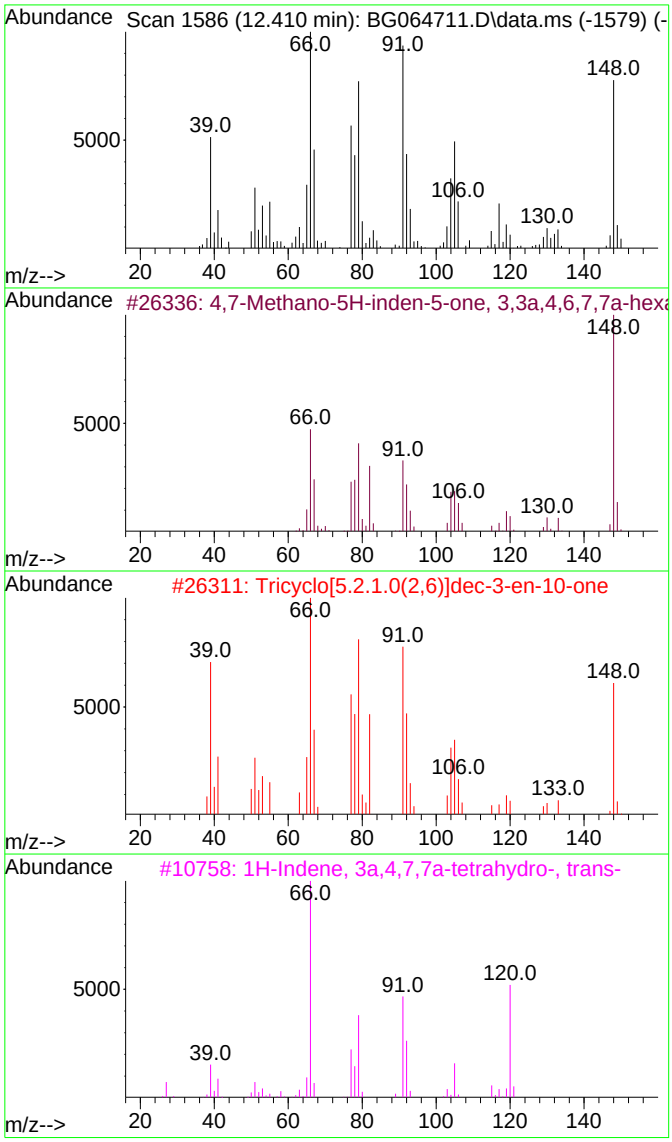
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

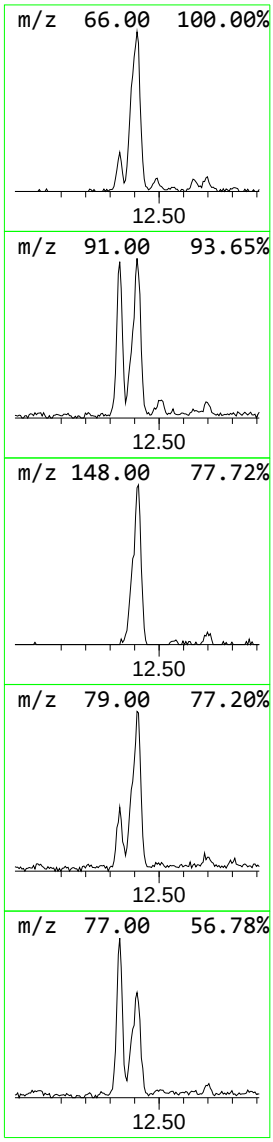
****

Peak Number 11 4,7-Methano-5H-inden-5-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	30.79 ng	409407	Naphthalene-d8	11.023

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	96
2	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	95
3	1H-Indene, 3a,4,7,7a-tetrahydro-...	120	C9H12	066563-20-0	53
4	2,5-Norbornadiene	92	C7H8	000121-46-0	50
5	6(5H)-Pteridinone	148	C6H4N4O	002432-26-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

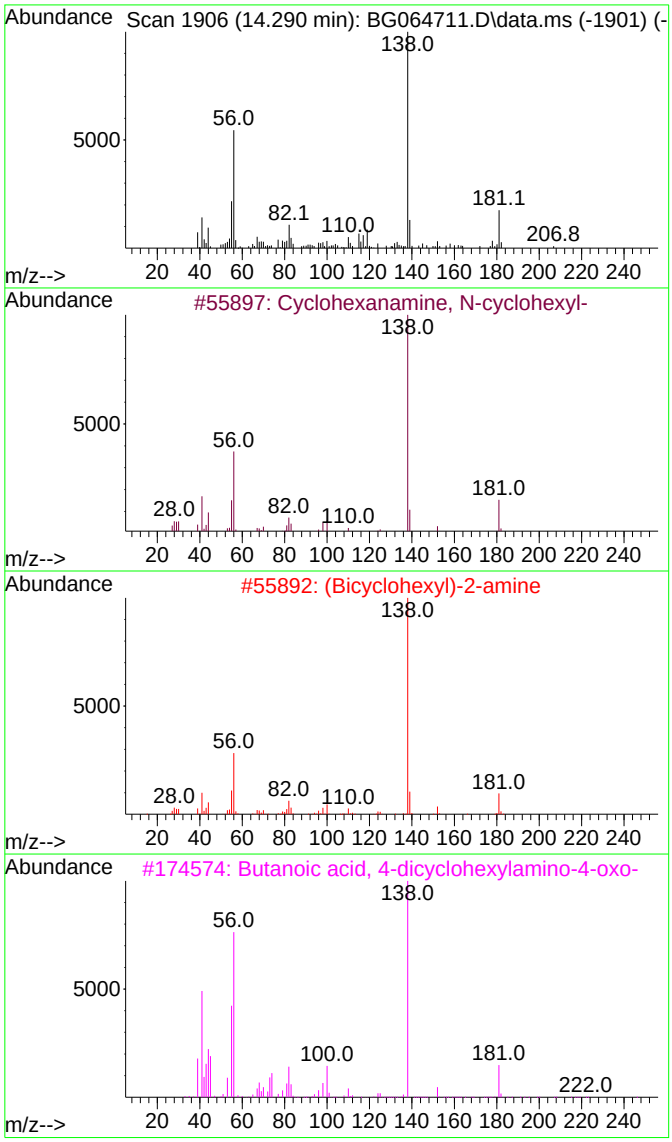
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

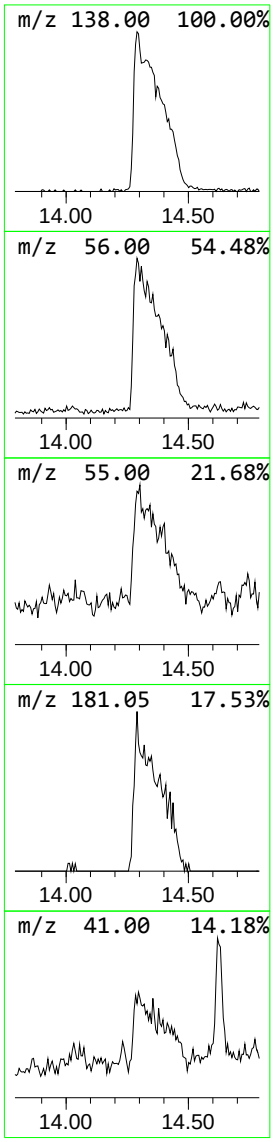
****

Peak Number 13 Cyclohexanamine, N-cyclohexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.290	13.14 ng	294660	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	93
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	76
3	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	56
4	Pyrrolidine-1-acetonitrile, 2,5-...	138	C6H6N2O2	061516-81-2	45
5	3-(Decahydroisoquinolin-3-yl)-pr...	197	C12H23NO	1000194-40-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

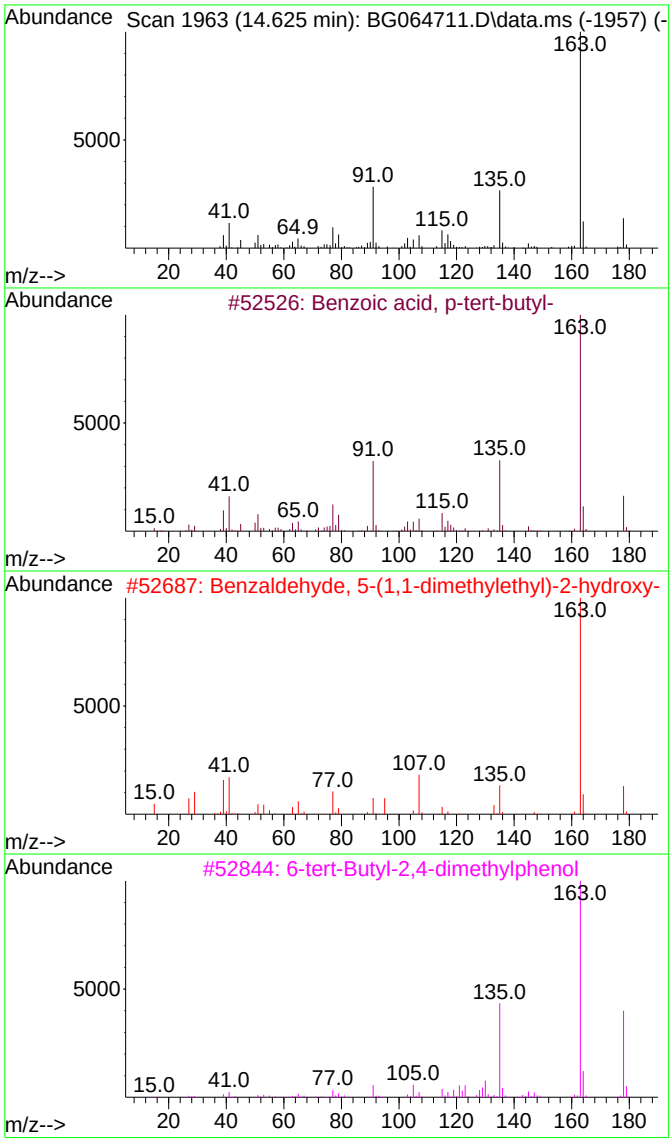
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

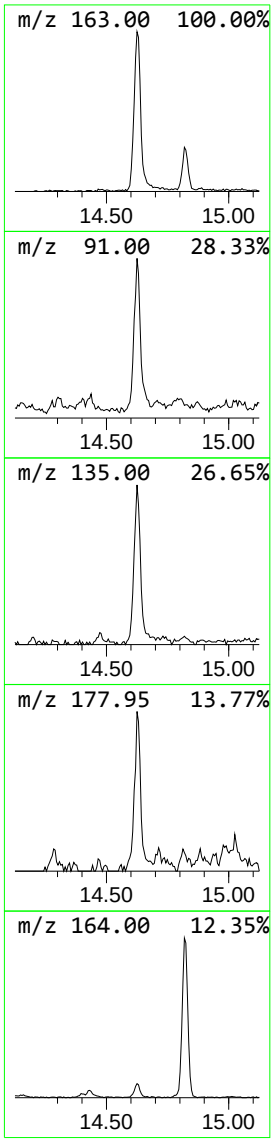
****

Peak Number 14 Benzoic acid, p-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.625	11.72 ng	262850	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60
5	4-tert-Butyl-2,6-dimethylphenol	178	C12H18O	000879-97-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

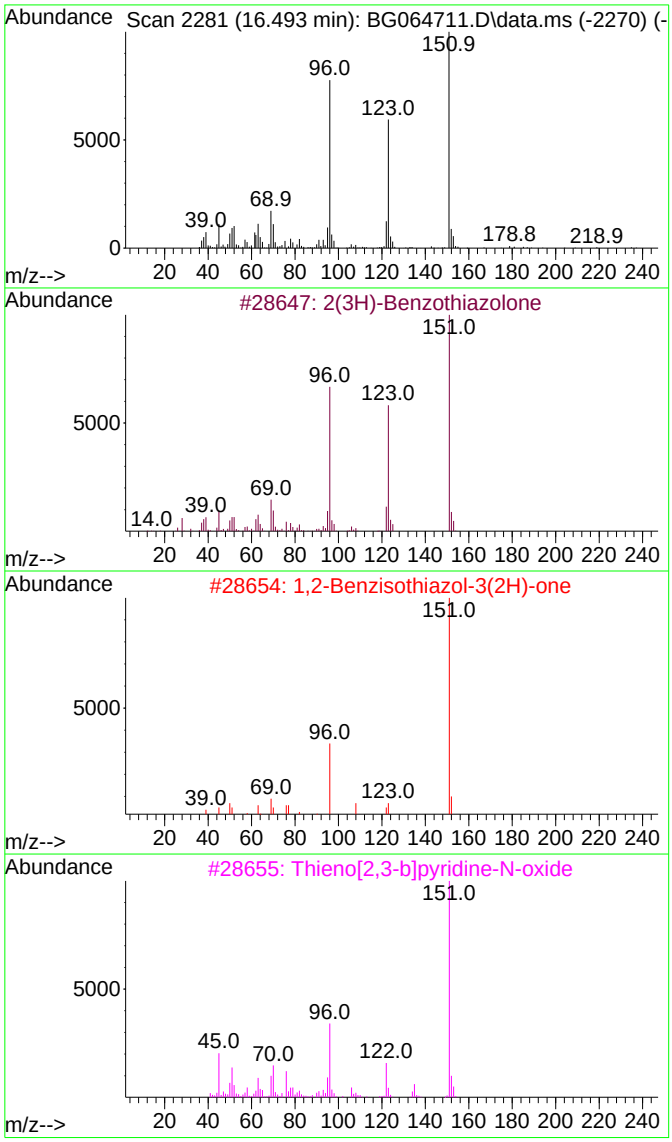
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

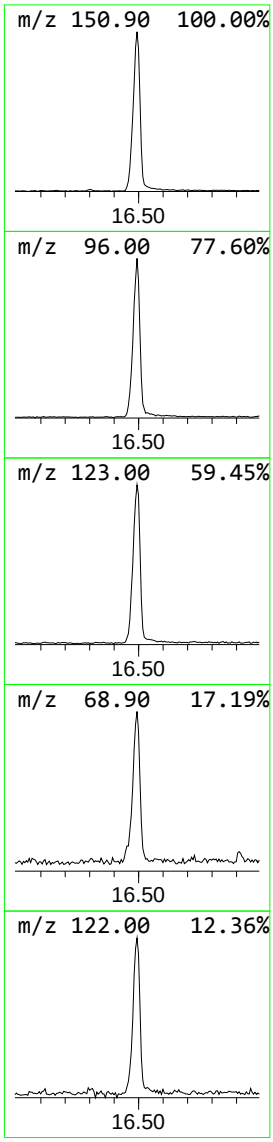
****

Peak Number 15 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	32.43 ng	850948	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	49
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

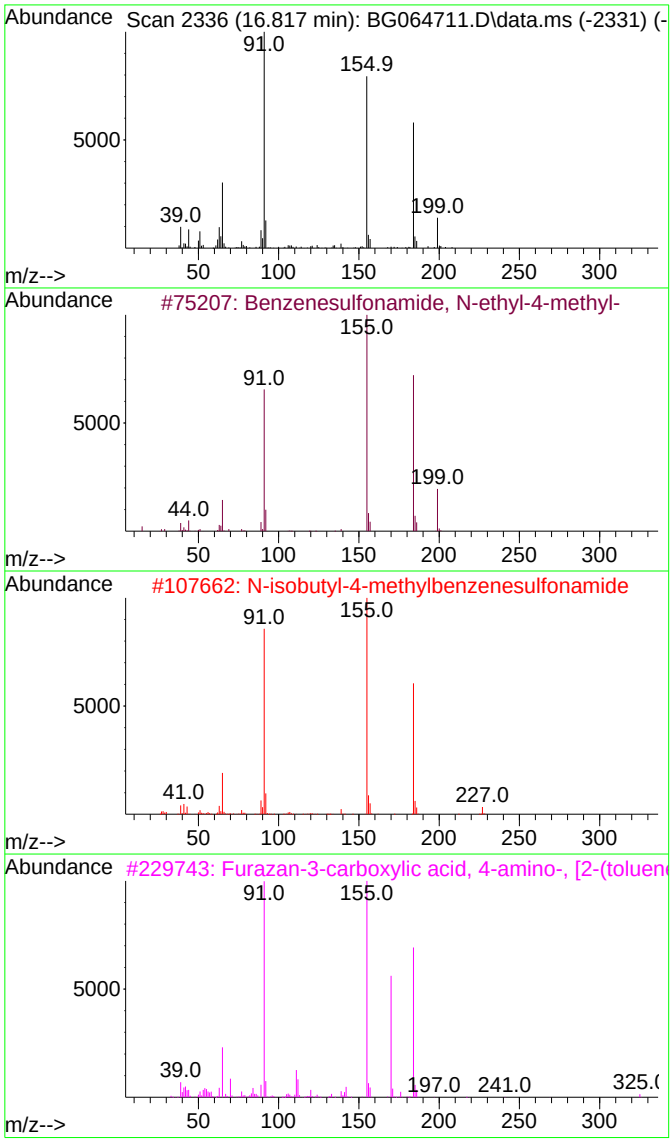
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

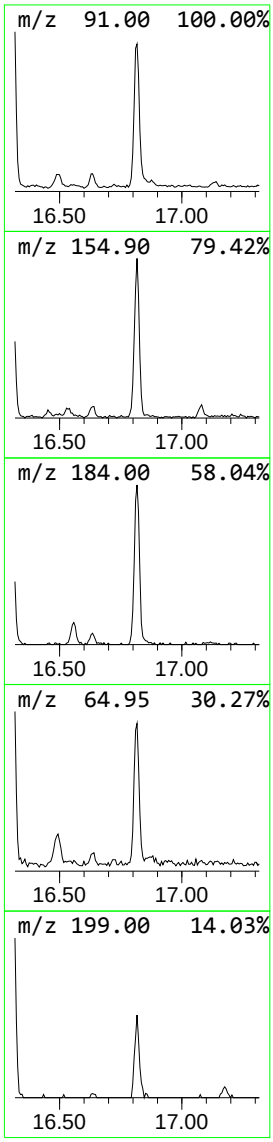
****

Peak Number 16 Benzenesulfonamide, N-ethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.817	8.41 ng	220617	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
2	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	90
3	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	83
4	benzenesulfonamide, 4-methyl-N-[...	369	C16H19NO5S2	1000402-61-7	78
5	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	64





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Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

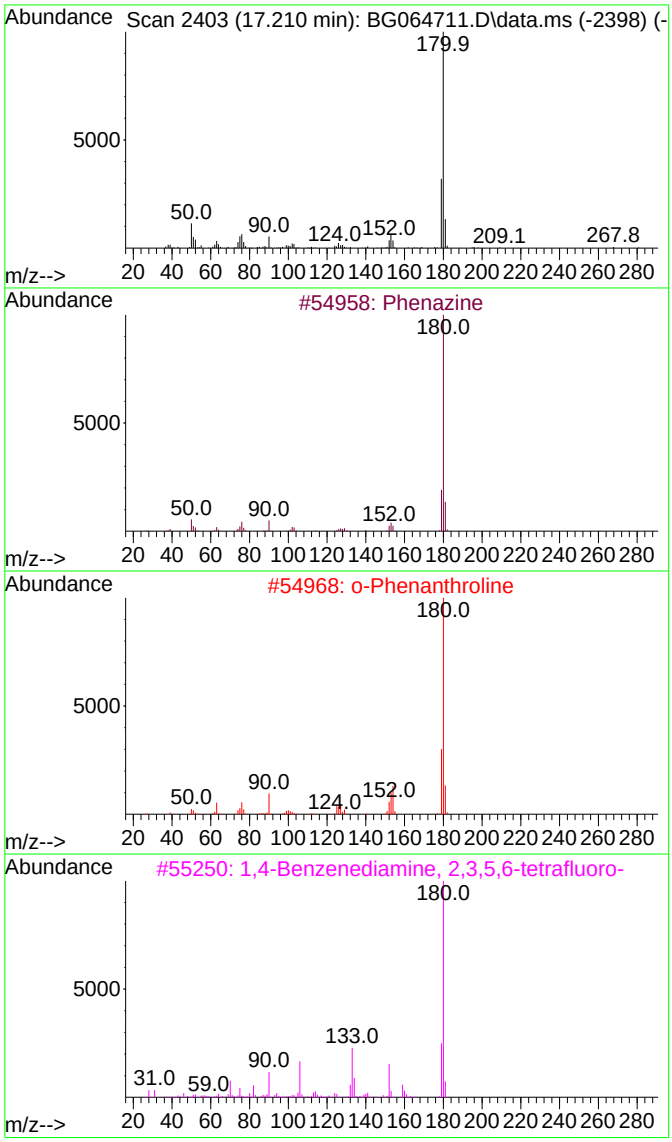
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

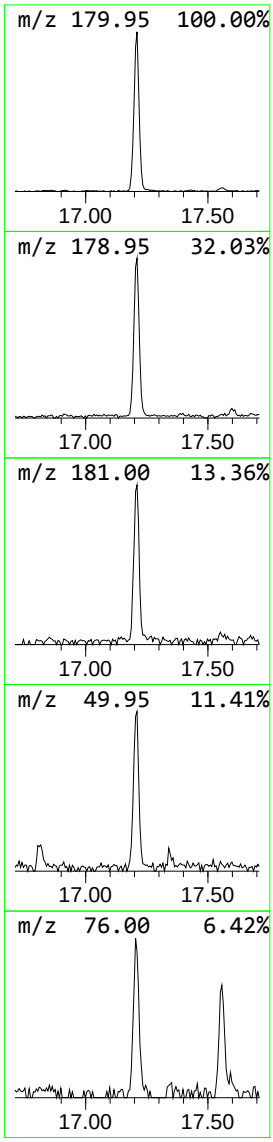
****

Peak Number 17 Phenazine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.210	9.10 ng	238823	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenazine	180	C12H8N2	000092-82-0	93
2	o-Phenanthroline	180	C12H8N2	000066-71-7	80
3	1,4-Benzenediamine, 2,3,5,6-tetr...	180	C6H4F4N2	001198-64-7	72
4	1-Phenazinecarboxylic acid	224	C13H8N2O2	002538-68-3	64
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

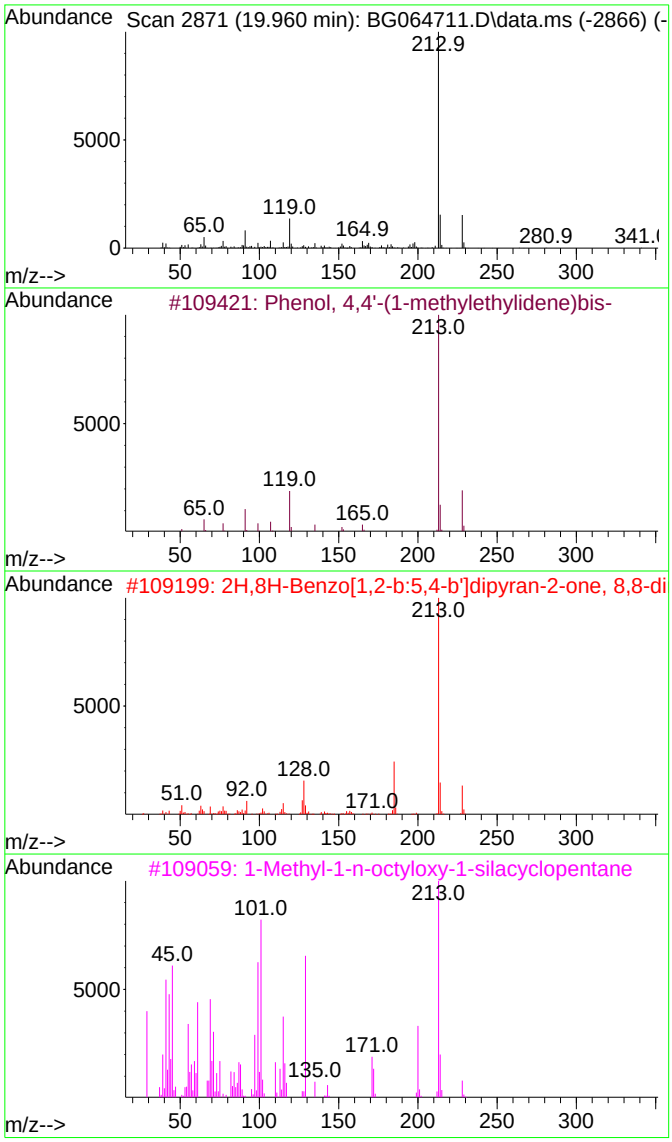
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

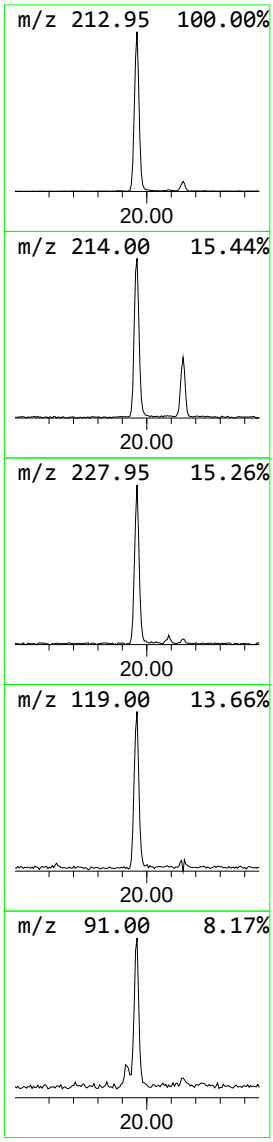
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.960	21.69 ng	812260	Chrysene-d12	21.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
3	1-Methyl-1-n-octyloxy-1-silacycl...	228	C13H28OSi	1010216-91-0	50
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

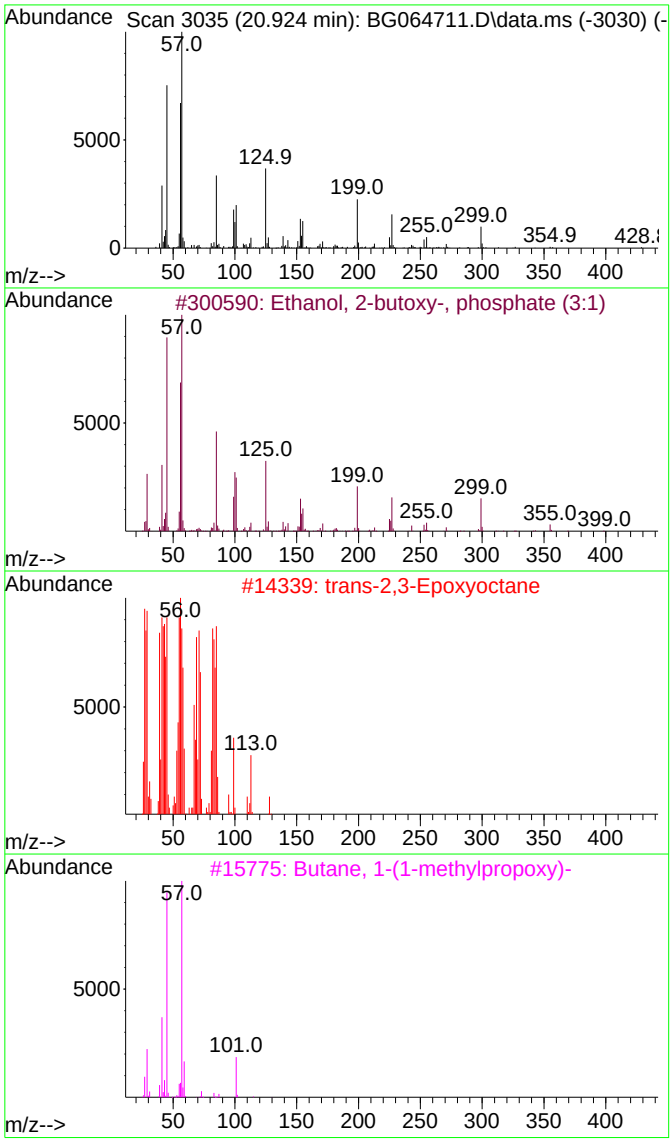
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

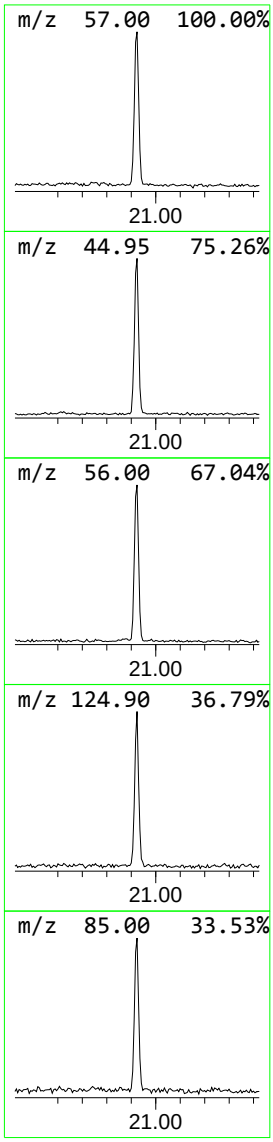
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.924	8.87 ng	332247	Chrysene-d12	21.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	90
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	27
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	27
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064711.D
Acq On : 6 Nov 2025 20:33
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Triethyl phosphate	9.654	5.4	ng	71382	2	11.023	265958	20.0
Phenol, p-tert-...	12.339	47.5	ng	632362	2	11.023	265958	20.0
4,7-Methano-5H-...	12.410	30.8	ng	409407	2	11.023	265958	20.0
Cyclohexanamine...	14.290	13.1	ng	294660	3	14.819	448448	20.0
Benzoic acid, p...	14.625	11.7	ng	262850	3	14.819	448448	20.0
2(3H)-Benzothia...	16.493	32.4	ng	850948	4	17.557	524728	20.0
Benzenesulfonam...	16.817	8.4	ng	220617	4	17.557	524728	20.0
Phenazine	17.210	9.1	ng	238823	4	17.557	524728	20.0
Phenol, 4,4'-(1...	19.960	21.7	ng	812260	5	21.828	749005	20.0
Ethanol, 2-buto...	20.924	8.9	ng	332247	5	21.828	749005	20.0

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 17:27:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63903	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245141	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136285	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	213036	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155402	20.000	ng	0.00
86) Perylene-d12	15.533	264	207385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	321066	78.623	ng	0.00
7) Phenol-d6	6.498	99	270663	58.496	ng	0.00
23) Nitrobenzene-d5	7.434	82	396092	93.319	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	228049	133.345	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	803818	87.111	ng	0.00
79) Terphenyl-d14	12.992	244	740183	75.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	119812	70.967	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

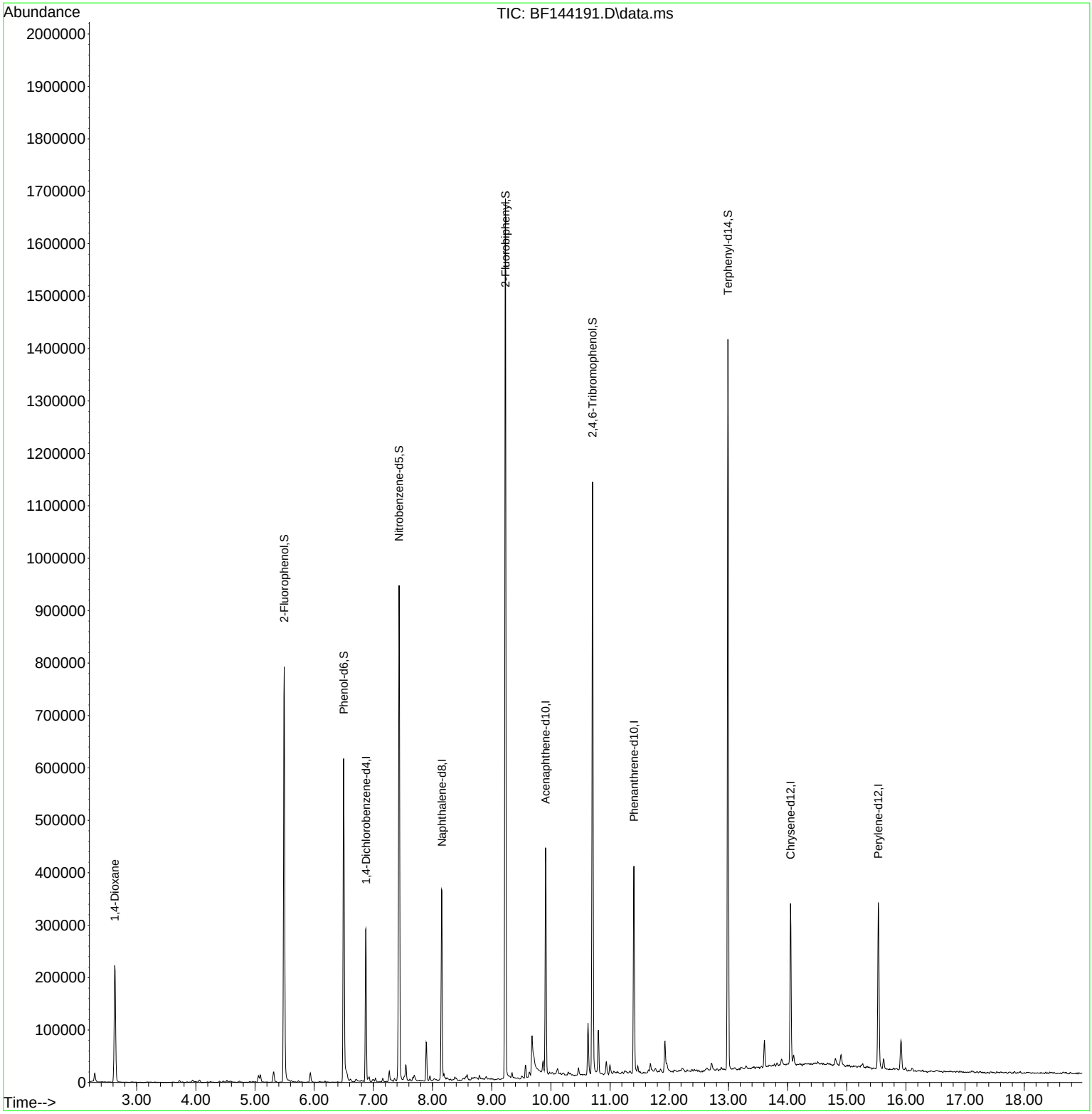
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

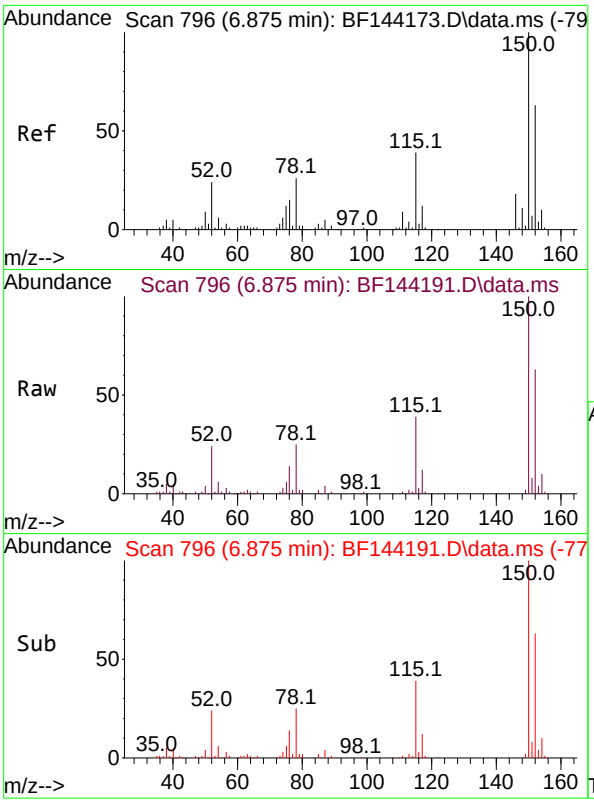
Quant Time: Nov 06 17:27:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

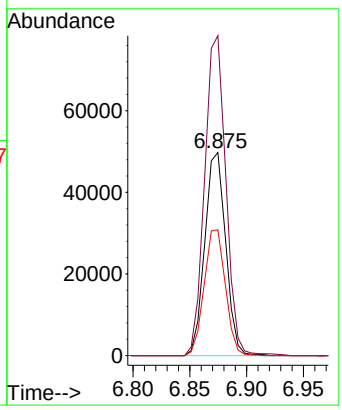




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:152 Resp: 6390

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	61.9	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
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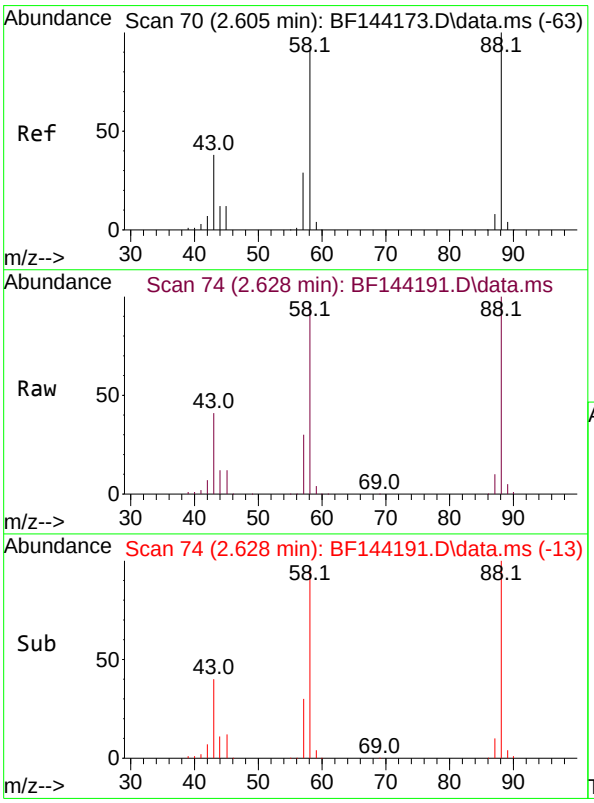
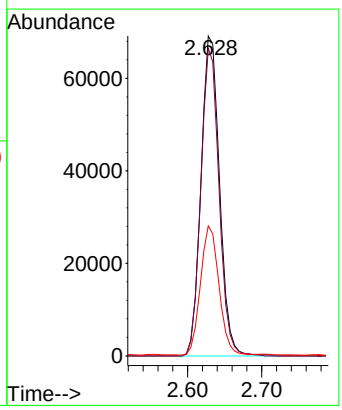
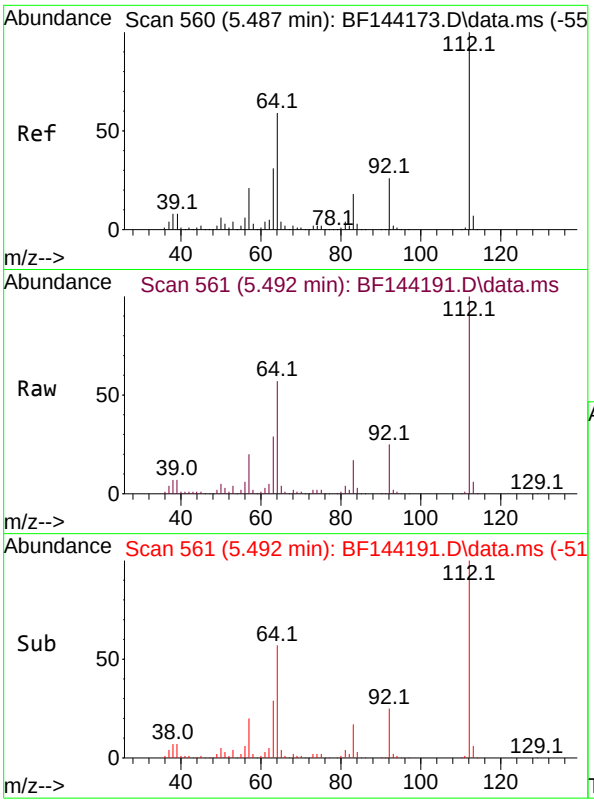


#2
1,4-Dioxane
Concen: 70.967 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 88 Resp: 119812

Ion	Ratio	Lower	Upper
88	100		
58	94.6	73.1	109.7
43	40.2	31.0	46.6

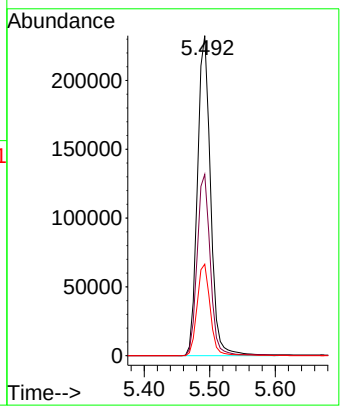




#5
2-Fluorophenol
Concen: 78.623 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:112 Resp: 32106

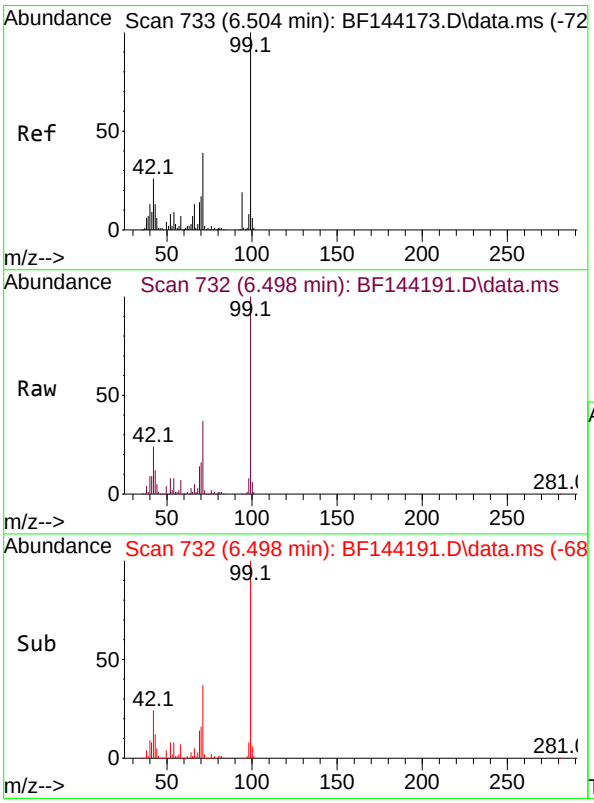
Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.2	70.8
63	28.6	24.4	36.6



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

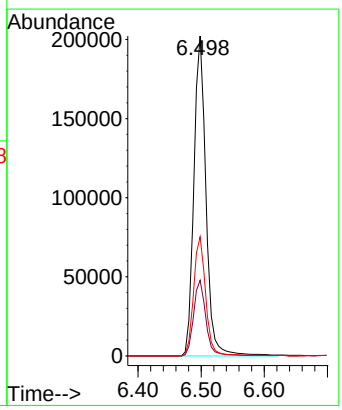
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

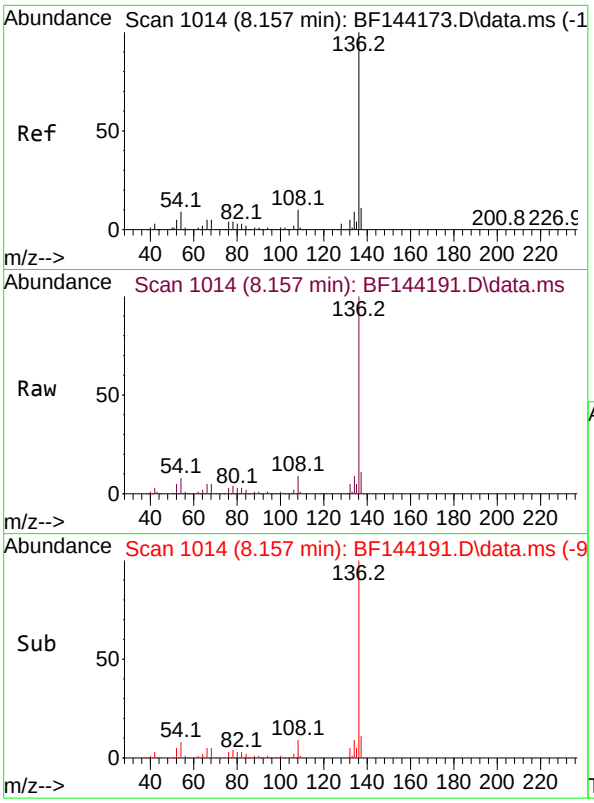


#7
Phenol-d6
Concen: 58.496 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 99 Resp: 270663

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.9	31.3
71	37.2	31.4	47.2

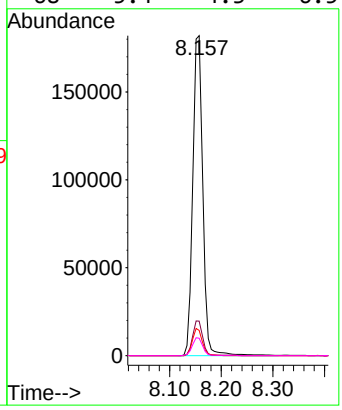




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:136 Resp: 24514

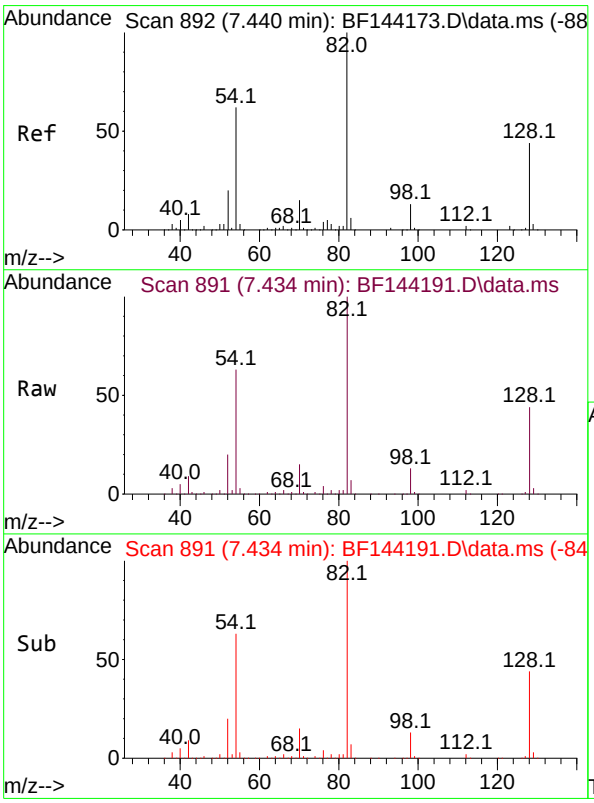
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.9	7.0	10.6
68	5.4	4.3	6.5



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

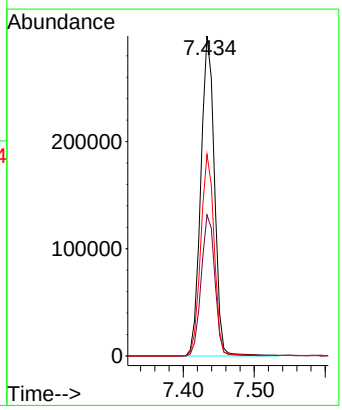
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

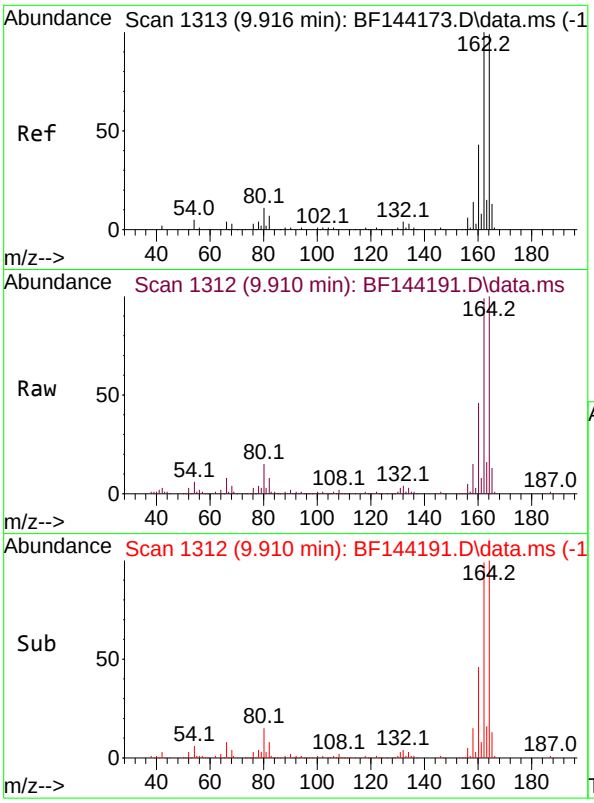


#23
Nitrobenzene-d5
Concen: 93.319 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion: 82 Resp: 396092

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.7	52.1
54	63.0	49.5	74.3

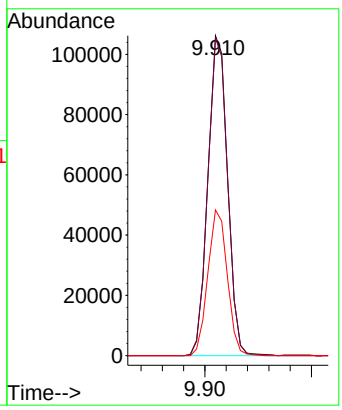




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

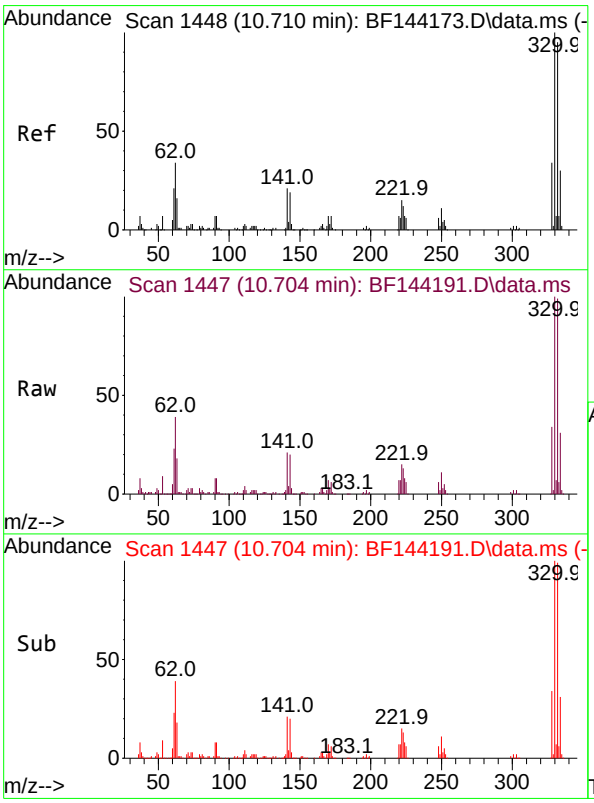
Tgt Ion:164 Resp: 13628

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.1	121.7
160	45.5	34.5	51.7



Instrument :
BNA_F
ClientSampleId :
MW-1

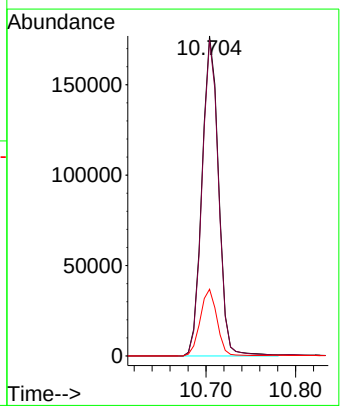
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

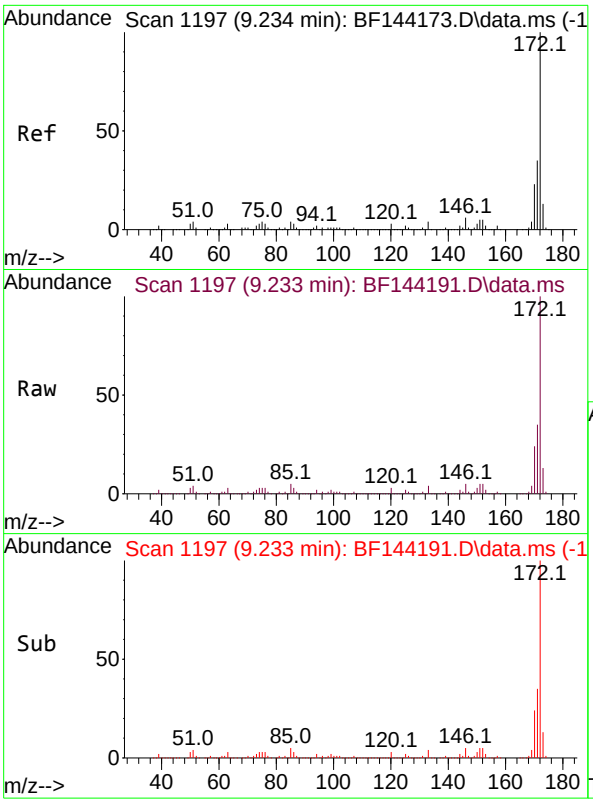


#42
2,4,6-Tribromophenol
Concen: 133.345 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:330 Resp: 228049

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	21.1	17.8	26.8

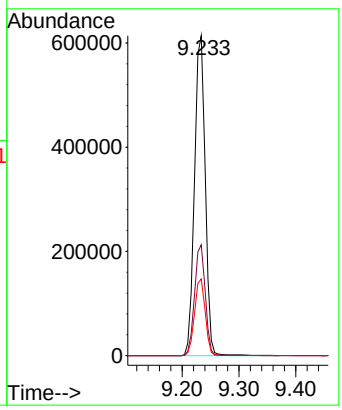




#45
2-Fluorobiphenyl
Concen: 87.111 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:172 Resp: 803818

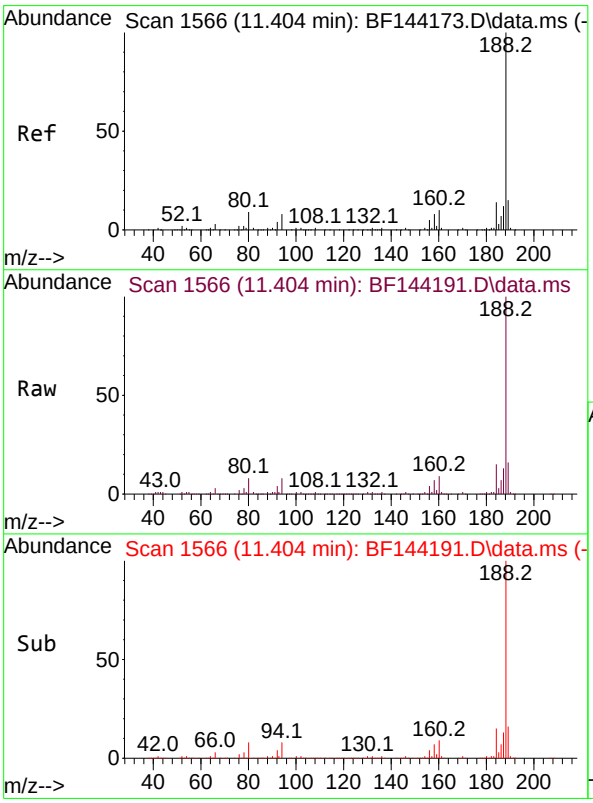
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.0	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

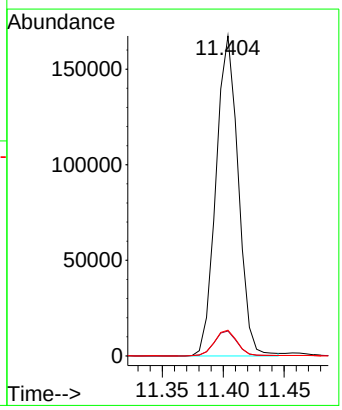
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

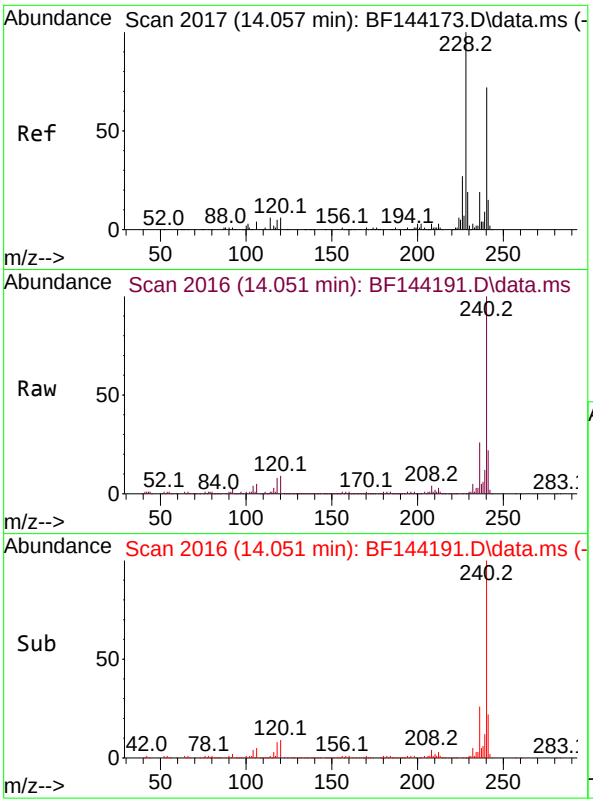


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:188 Resp: 213036

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.0	6.9	10.3

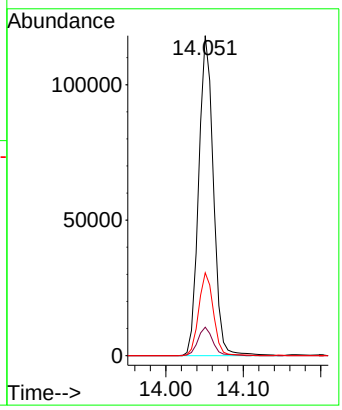




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:240 Resp: 15540

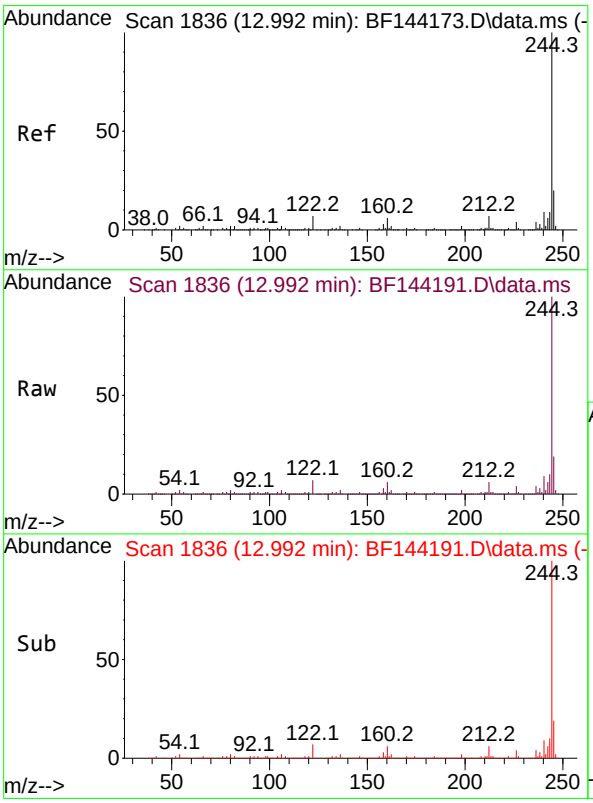
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	25.9	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

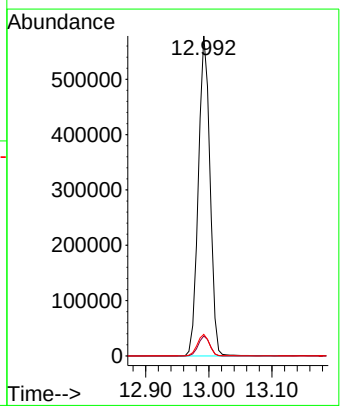
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

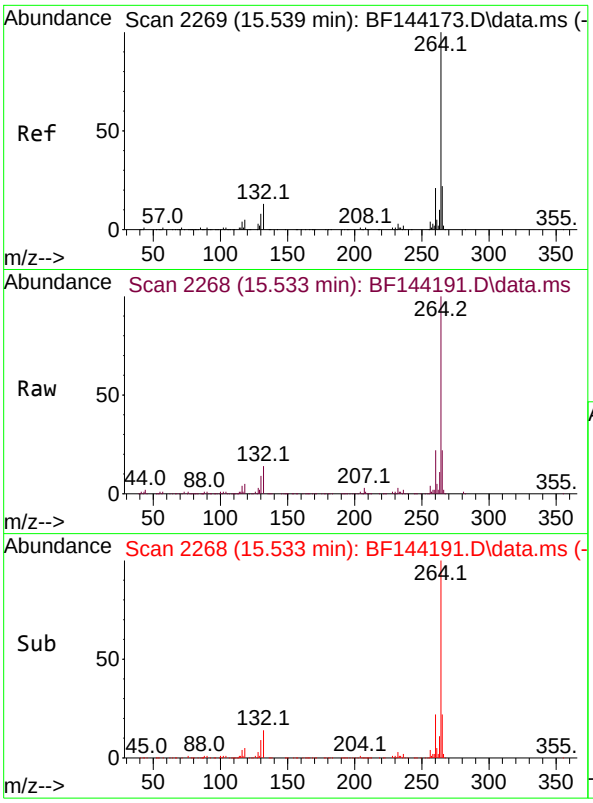


#79
Terphenyl-d14
Concen: 75.656 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:244 Resp: 740183

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.3	7.9
122	6.7	5.6	8.4

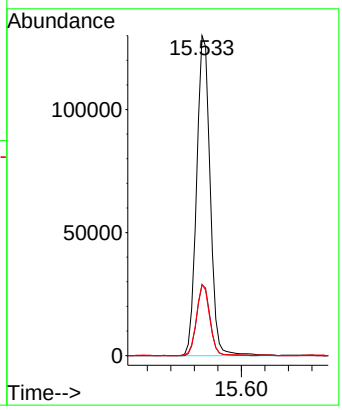




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144191.D
Acq: 06 Nov 2025 16:54

Tgt Ion:264 Resp: 20738

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	22.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
MW-1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	12	17	26	rVB	16693	27940	1.28%	0.211%
2	2.628	68	74	87	rBV	222520	383753	17.52%	2.893%
3	5.316	521	531	535	rBV	19758	33633	1.54%	0.254%
4	5.492	555	561	573	rBV	791613	1083977	49.47%	8.172%
5	5.934	631	636	646	rVB2	17966	29299	1.34%	0.221%
6	6.498	727	732	748	rBV	617150	856830	39.11%	6.459%
7	6.875	791	796	800	rBV	292375	382390	17.45%	2.883%
8	7.269	858	863	874	rBV2	19244	31979	1.46%	0.241%
9	7.434	883	891	902	rBV	945236	1269793	57.96%	9.573%
10	7.545	902	910	916	rVB	29038	49990	2.28%	0.377%
11	7.892	964	969	976	rBV	74025	99792	4.55%	0.752%
12	8.151	1006	1013	1018	rBV	363566	483697	22.08%	3.646%
13	9.233	1191	1197	1202	rBV	1677497	2190973	100.00%	16.517%
14	9.569	1251	1254	1258	rBV2	24604	31933	1.46%	0.241%
15	9.680	1269	1273	1299	rBV	75394	247733	11.31%	1.868%
16	9.869	1301	1305	1308	rVV3	25790	39896	1.82%	0.301%
17	9.910	1308	1312	1320	rVB	432186	560148	25.57%	4.223%
18	10.627	1429	1434	1441	rBV	98648	136747	6.24%	1.031%
19	10.704	1441	1447	1457	rVV	1130340	1467695	66.99%	11.065%
20	10.804	1459	1464	1472	rVB	83156	109267	4.99%	0.824%
21	10.939	1482	1487	1493	rVB	24565	38891	1.78%	0.293%
22	10.998	1493	1497	1505	rBV3	18493	32805	1.50%	0.247%
23	11.404	1561	1566	1574	rBV	394871	510449	23.30%	3.848%
24	11.680	1610	1613	1622	rVB	14554	22118	1.01%	0.167%
25	11.927	1650	1655	1667	rBV2	60203	118970	5.43%	0.897%
26	12.716	1785	1789	1799	rVB2	13319	26265	1.20%	0.198%
27	12.992	1830	1836	1841	rBV	1392580	1788803	81.64%	13.485%
28	13.610	1936	1941	1947	rBV	52148	69989	3.19%	0.528%
29	14.051	2011	2016	2021	rBV	305296	400157	18.26%	3.017%
30	14.104	2022	2025	2033	rVB5	18907	30279	1.38%	0.228%
31	14.810	2142	2145	2155	rVB10	13505	26868	1.23%	0.203%
32	14.904	2157	2161	2173	rVB4	22723	50166	2.29%	0.378%
33	15.533	2262	2268	2279	rVV	316779	506548	23.12%	3.819%
34	15.621	2279	2283	2289	rVB8	19076	29668	1.35%	0.224%
35	15.915	2328	2333	2342	rVB3	56116	95355	4.35%	0.719%

Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 13264796

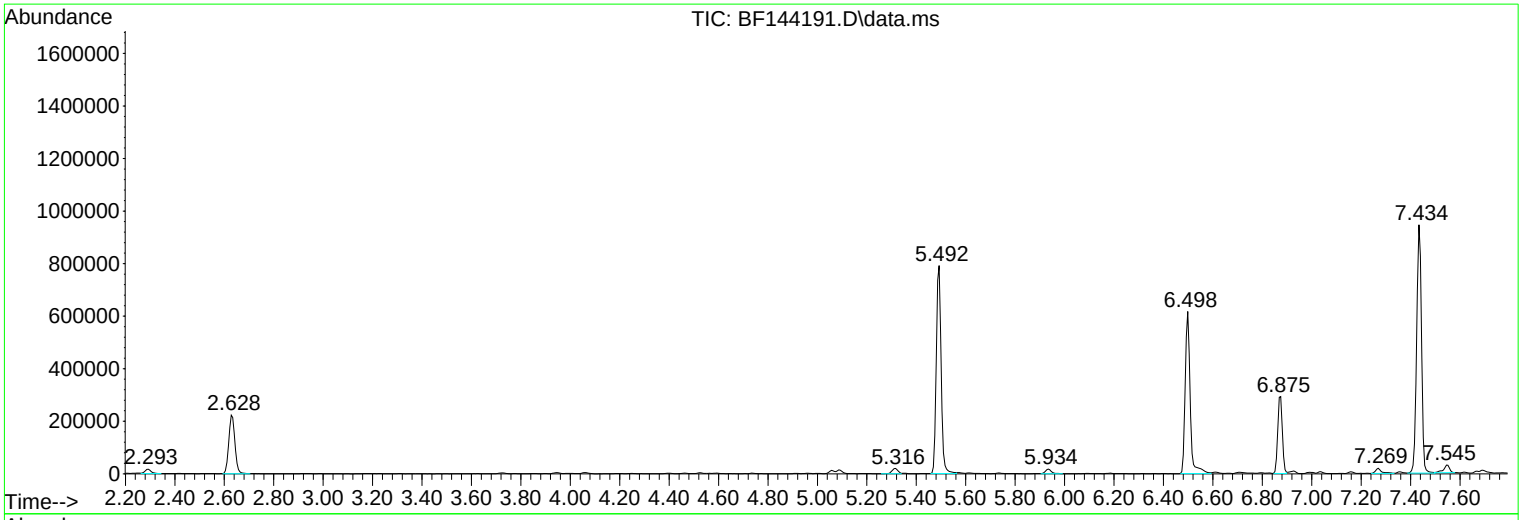
Sample Results: **BF144191.D**

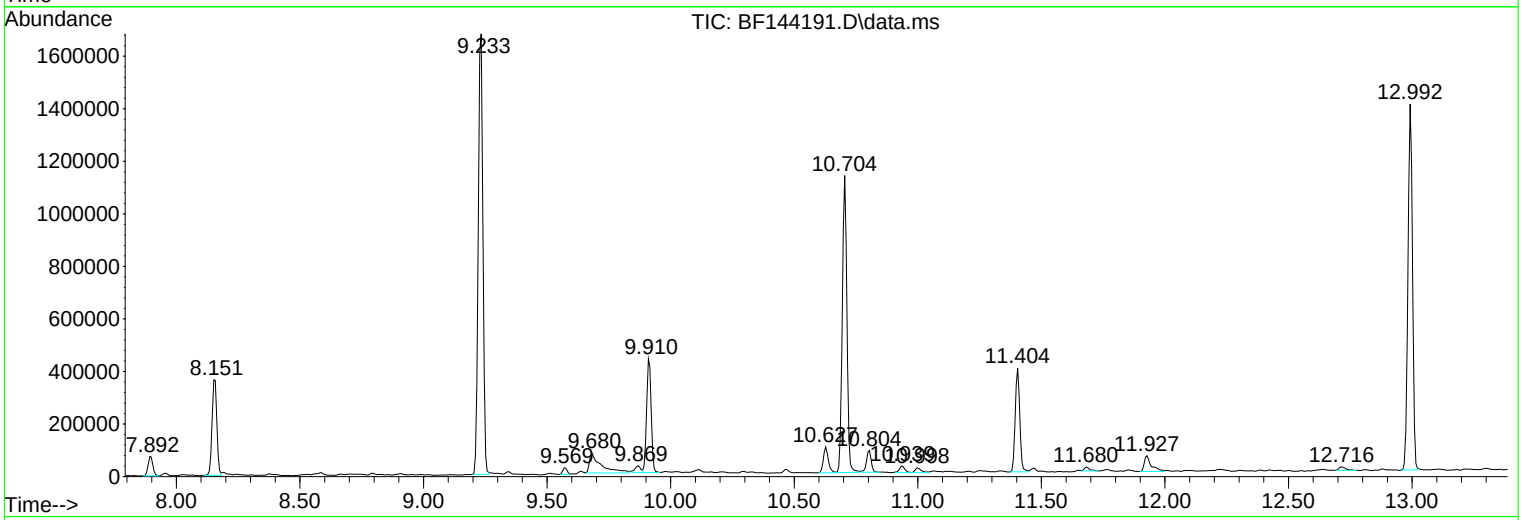
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

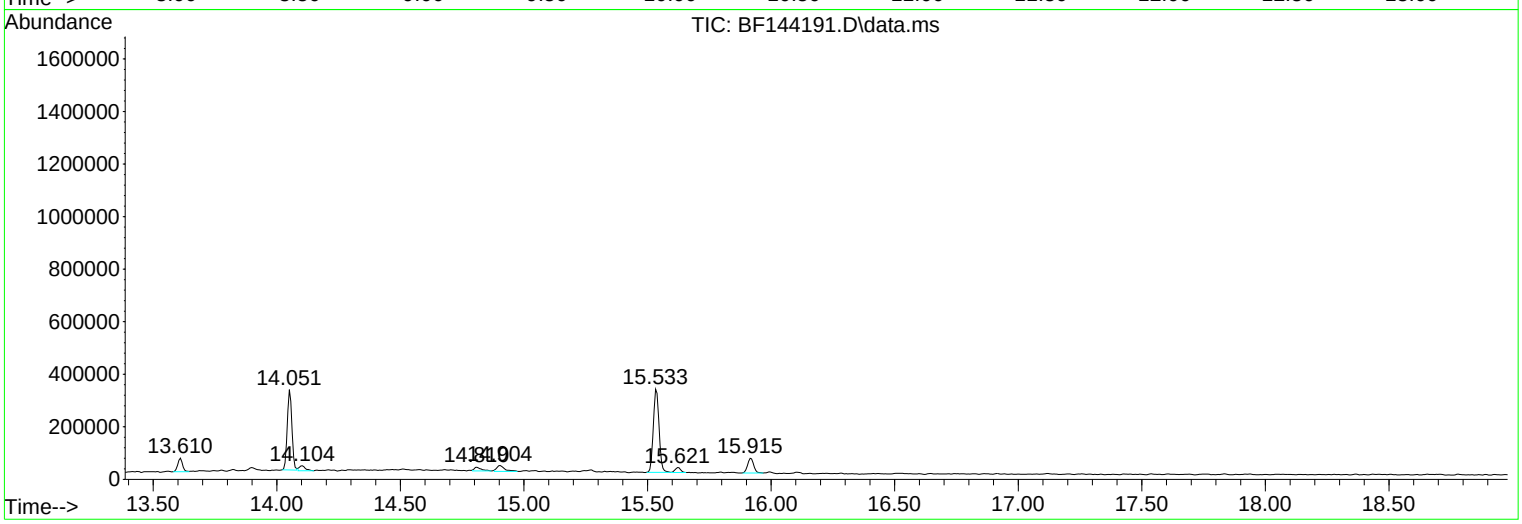
Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

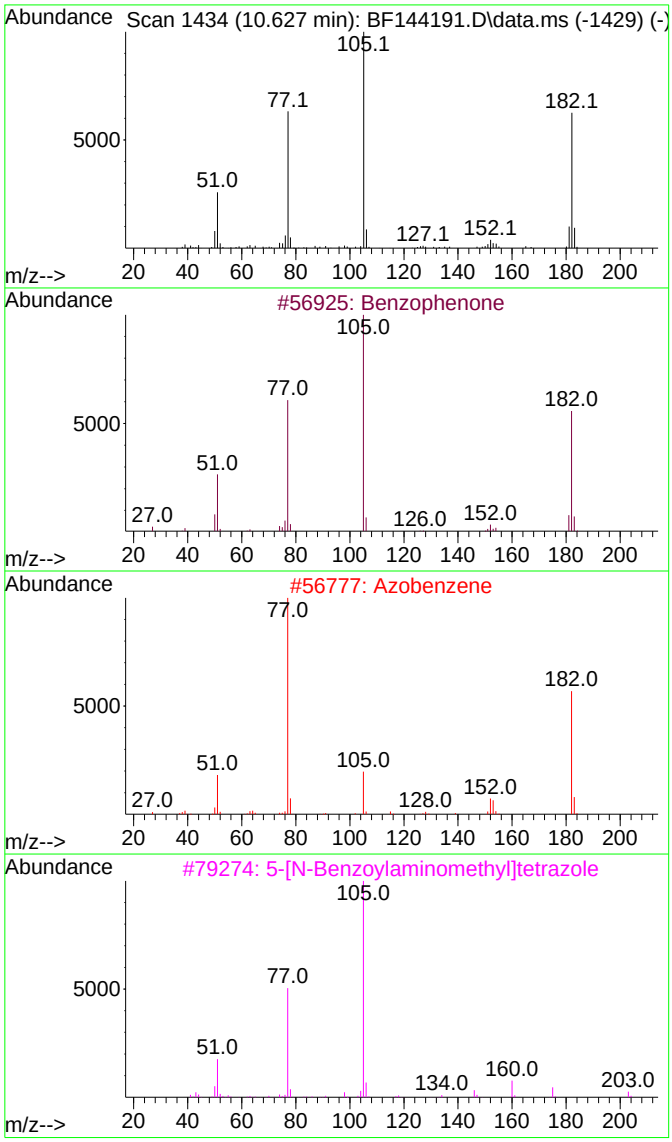
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

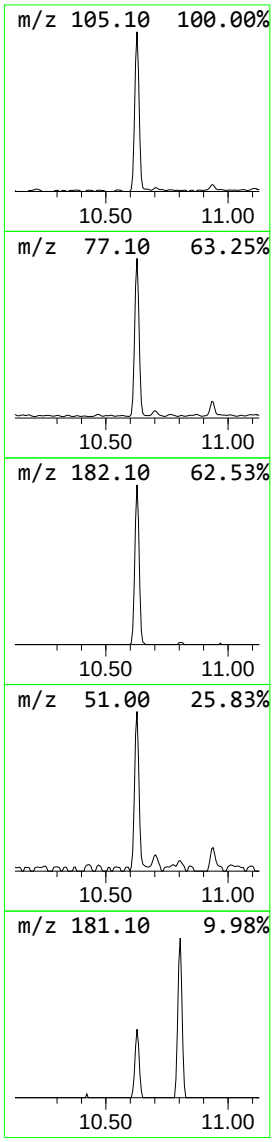
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.88 ng	136747	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	43
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43





Sample Results: **BF144191.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144191.D
Acq On : 06 Nov 2025 16:54
Operator : RC/JU
Sample : Q3534-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.628	4.9	ng	136747	3	9.910	560148	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Time: Nov 07 01:01:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

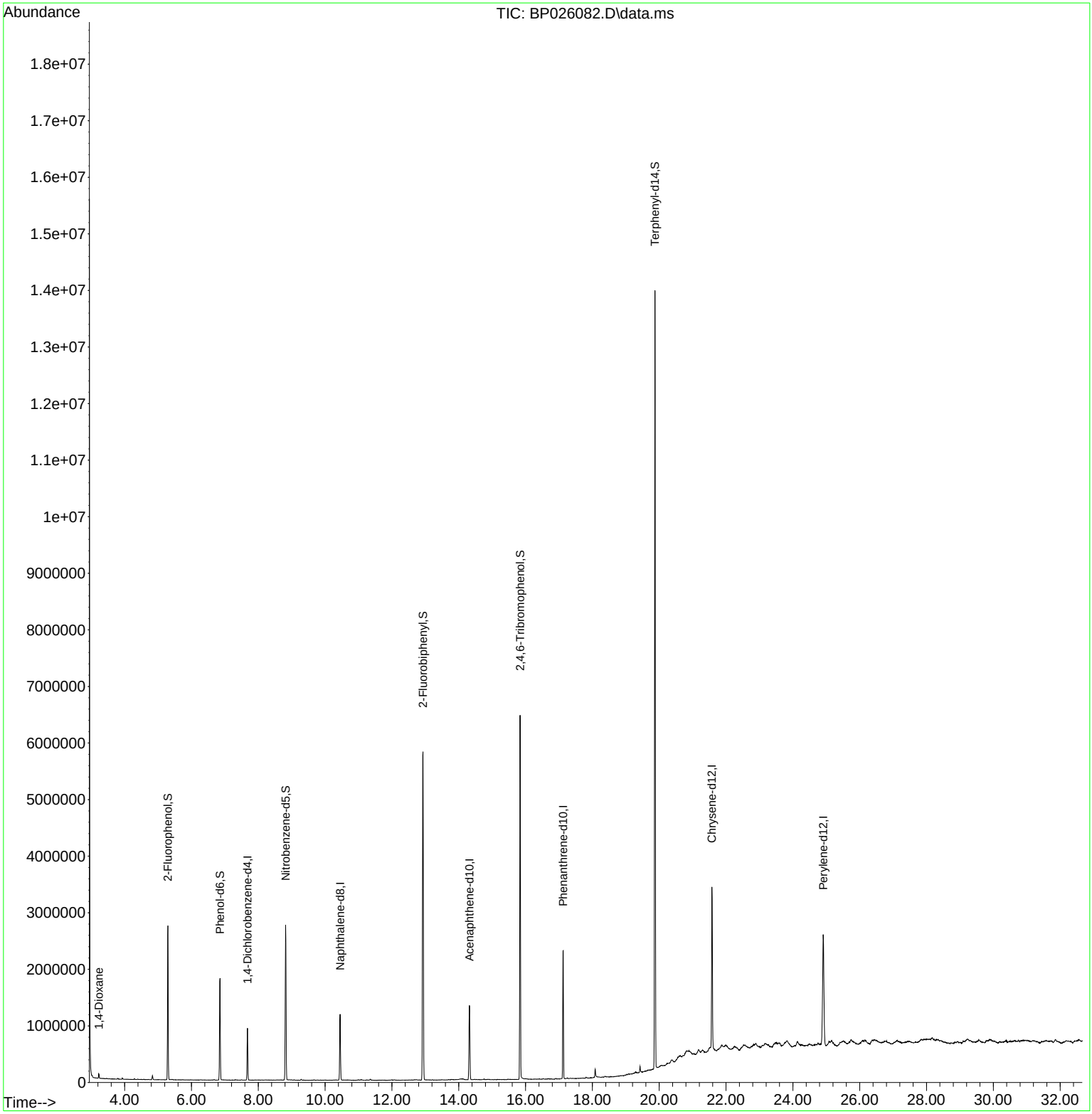
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	246596	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	961848	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	600974	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1364168	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1768109	20.000	ng	0.01
86) Perylene-d12	24.907	264	2046411	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1162965	77.820	ng	0.00
7) Phenol-d6	6.855	99	1035158	54.421	ng	0.00
23) Nitrobenzene-d5	8.819	82	1589635	103.028	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1219849	187.752	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	3634552	86.902	ng	0.00
79) Terphenyl-d14	19.871	244	7325193	84.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	36187	5.744	ng	# 85

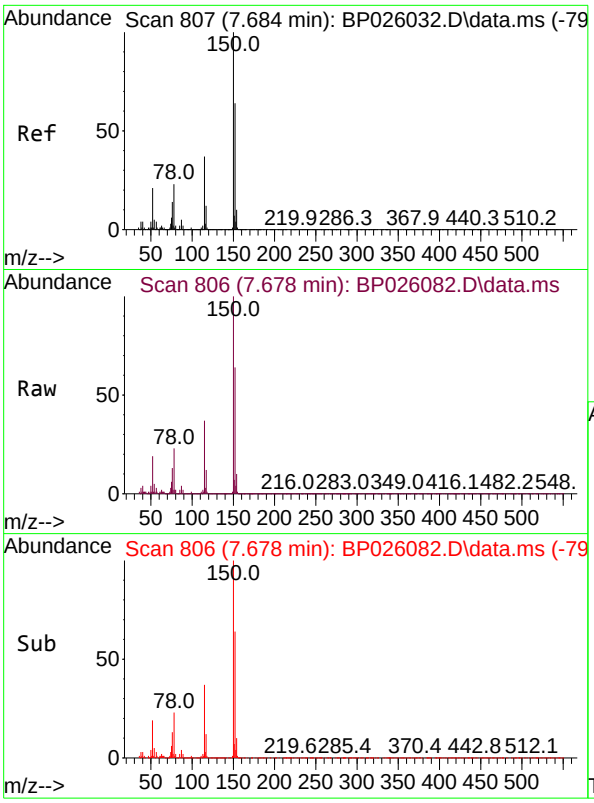
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Time: Nov 07 01:01:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



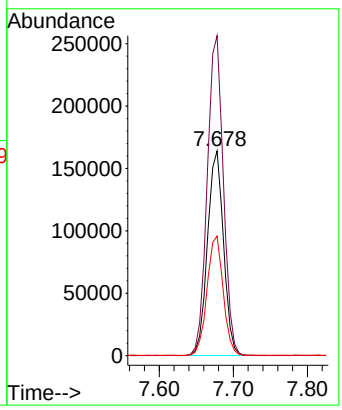


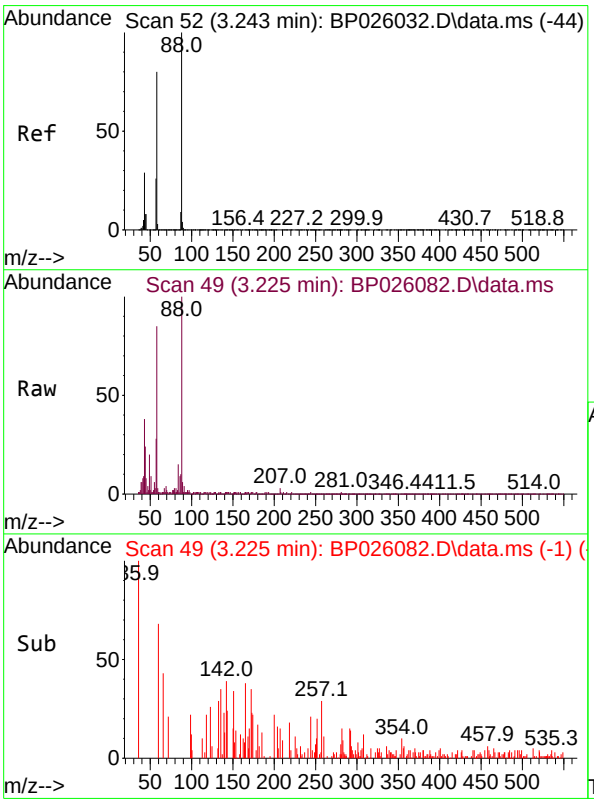
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 246596

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.7	188.5
115	58.4	46.4	69.6

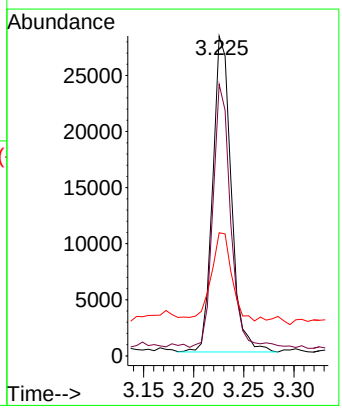


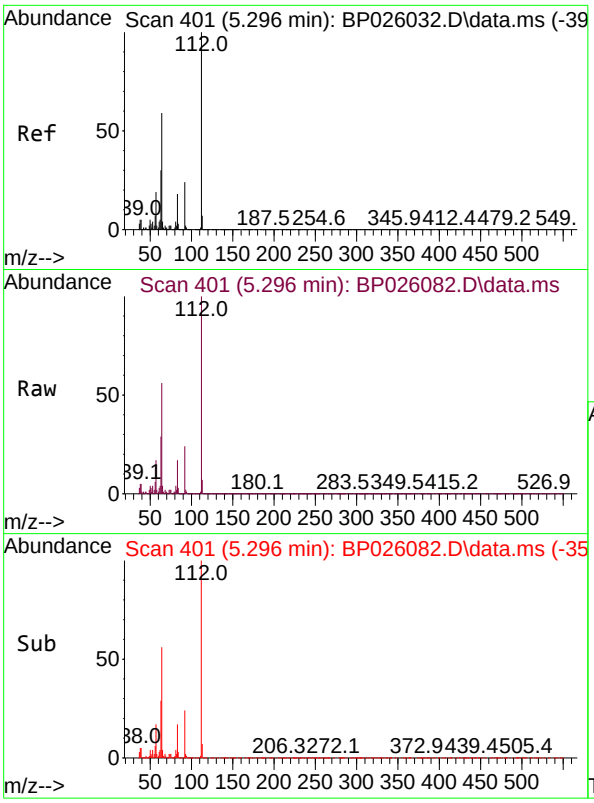


#2
1,4-Dioxane
Concen: 5.744 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 88 Resp: 36187

Ion	Ratio	Lower	Upper
88	100		
58	81.1	65.4	98.0
43	0.0	23.1	34.7#



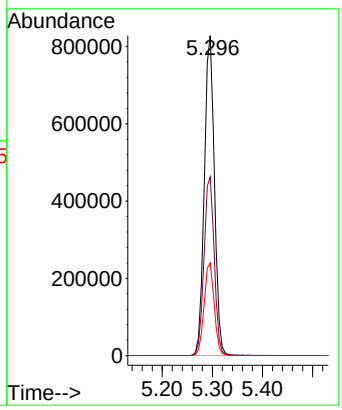


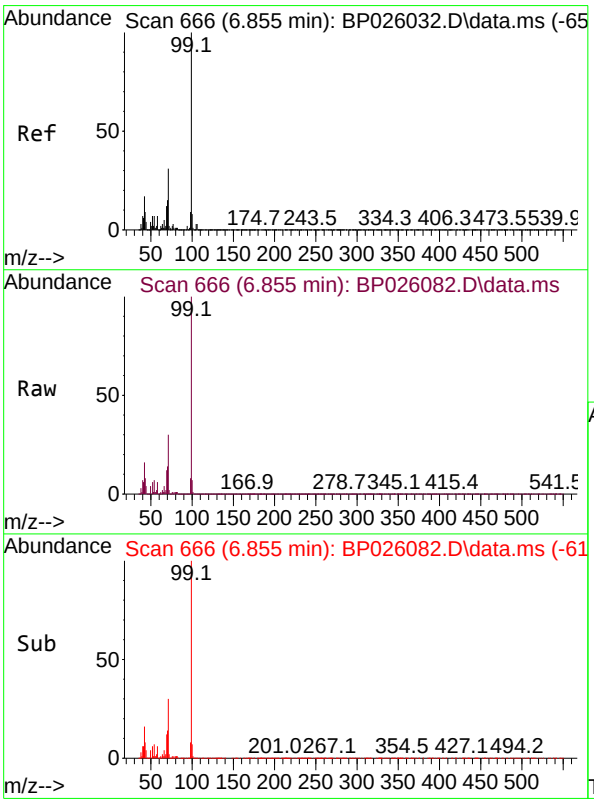
#5
2-Fluorophenol
Concen: 77.820 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:112 Resp: 1162965

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	28.9	24.2	36.4

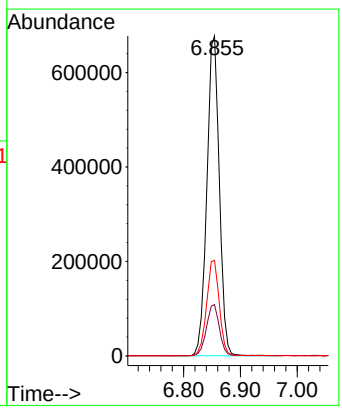


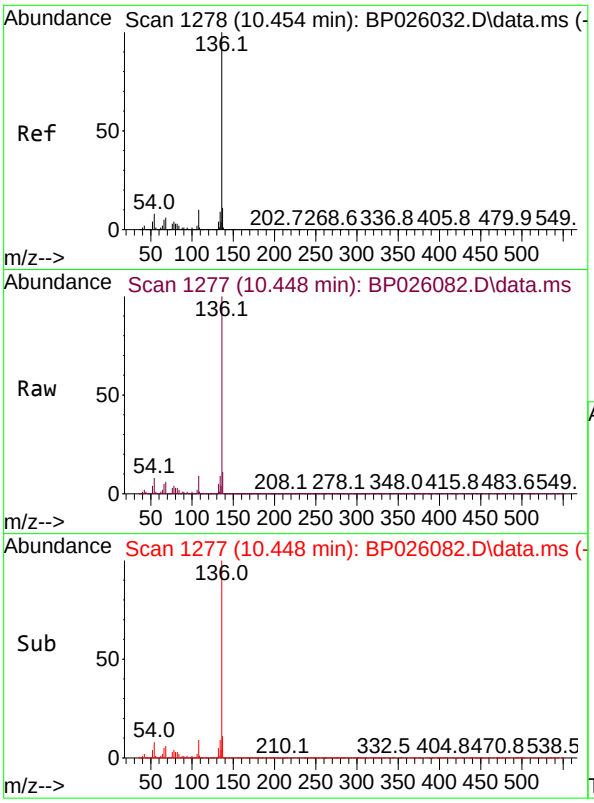


#7
Phenol-d6
Concen: 54.421 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 99 Resp: 1035158

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	29.9	24.4	36.6



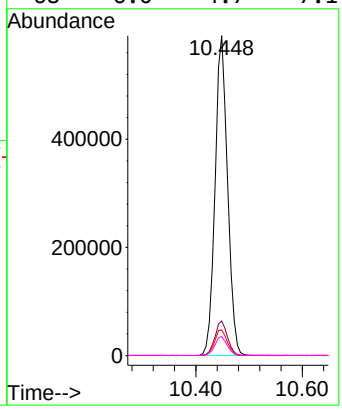


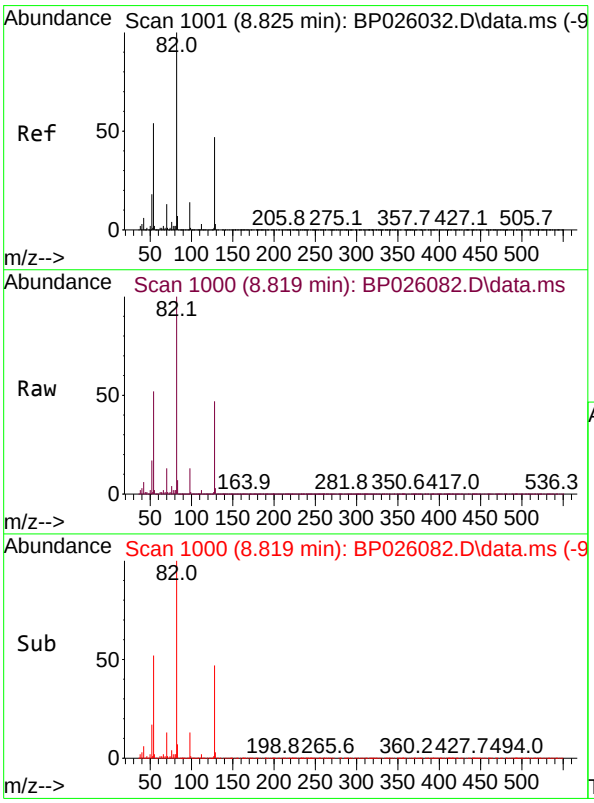
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 961848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1

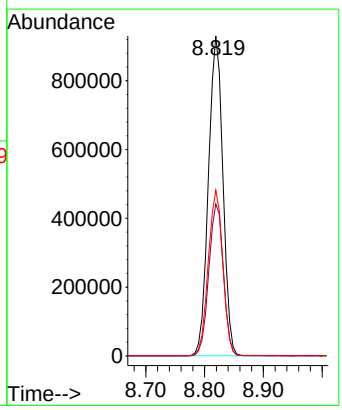


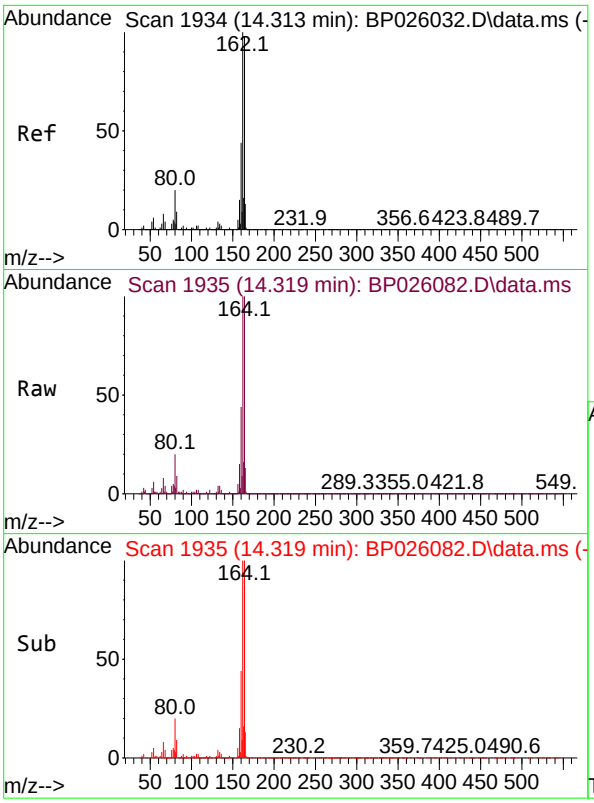


#23
Nitrobenzene-d5
Concen: 103.028 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 82 Resp: 1589635

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.8	42.7	64.1



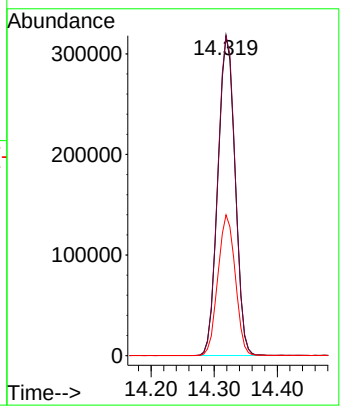


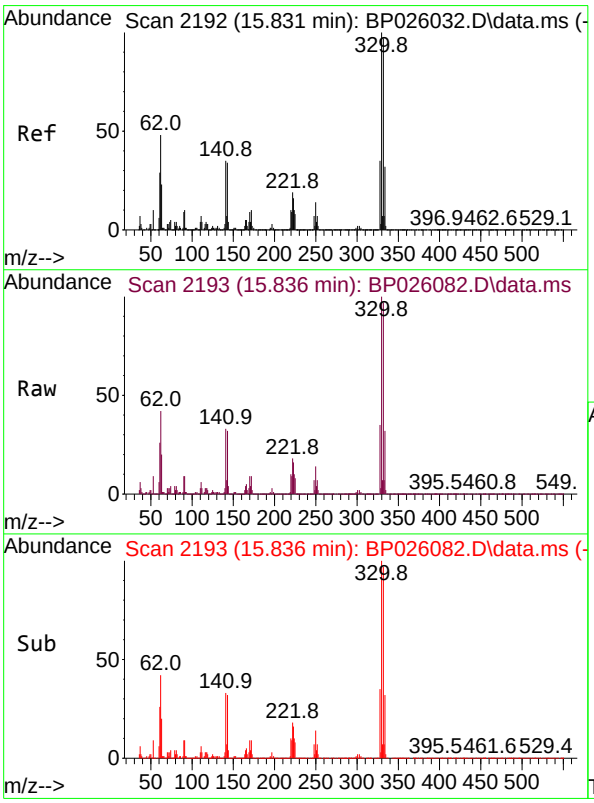
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 600974

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.0	36.2	54.4

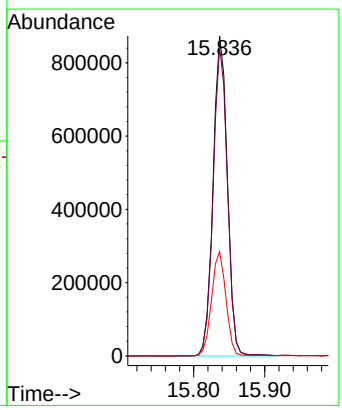


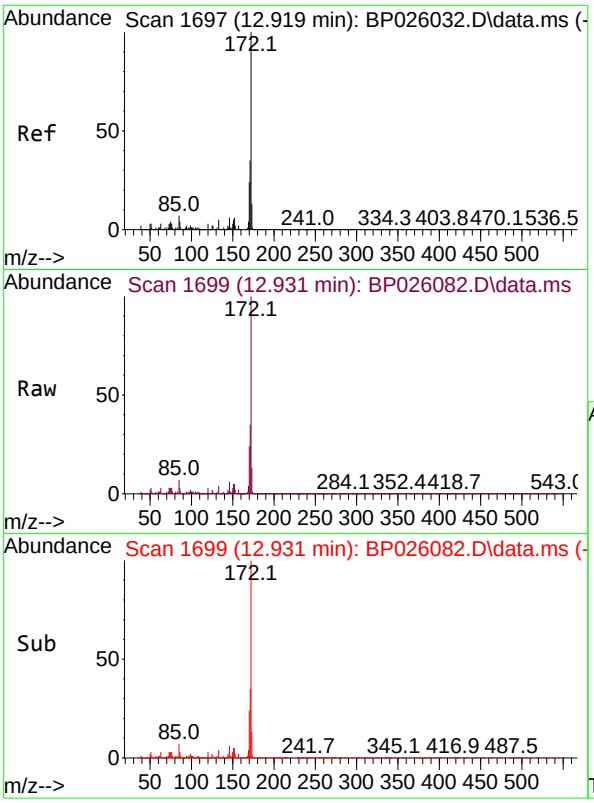


#42
2,4,6-Tribromophenol
Concen: 187.752 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:330 Resp: 1219849

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.9	28.6	42.8



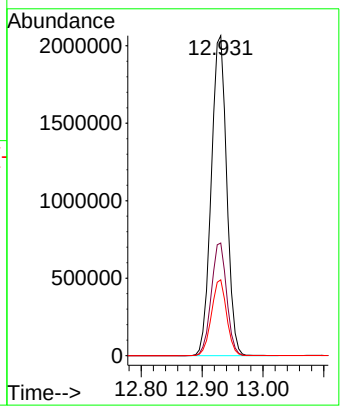


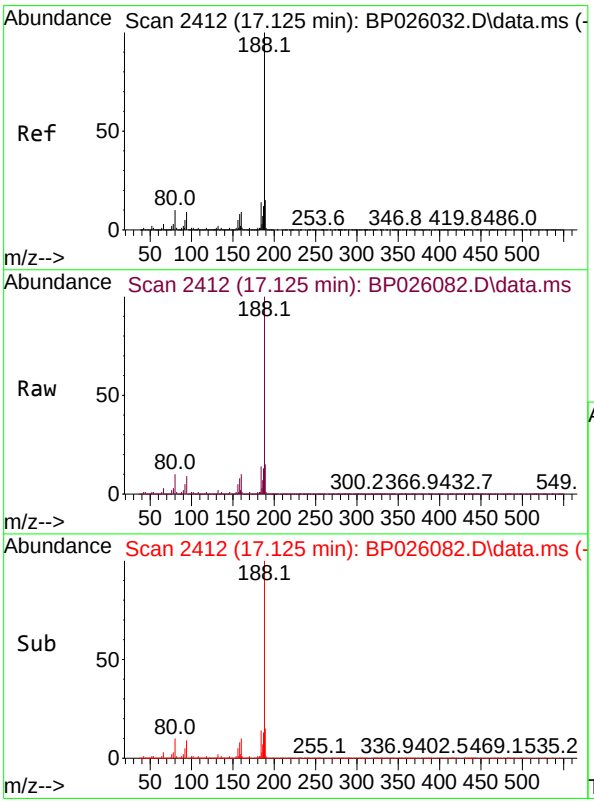
#45
2-Fluorobiphenyl
Concen: 86.902 ng
RT: 12.931 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 3634552

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.7	19.0	28.4

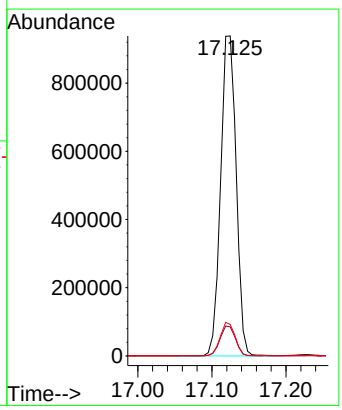


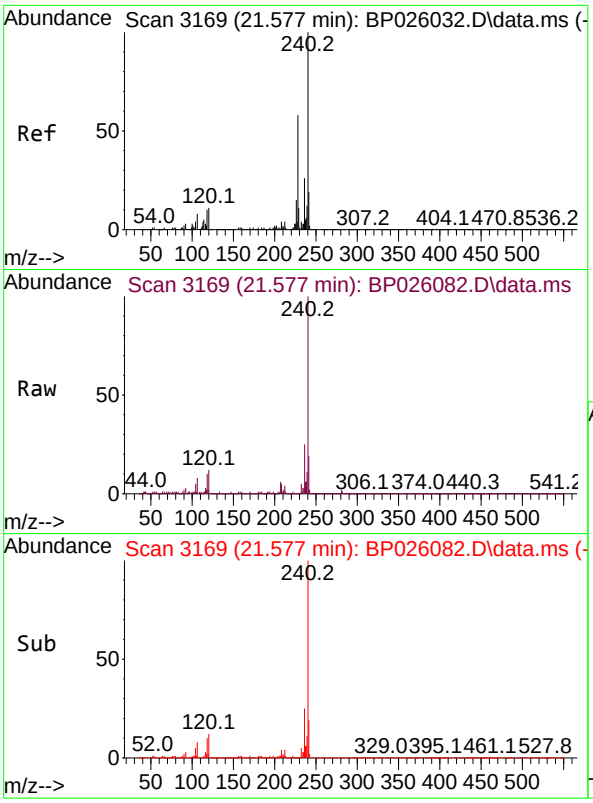


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:188 Resp: 1364168

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.8	7.9	11.9



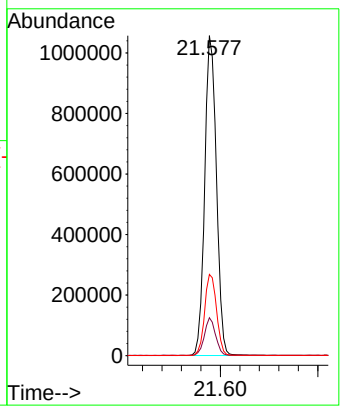


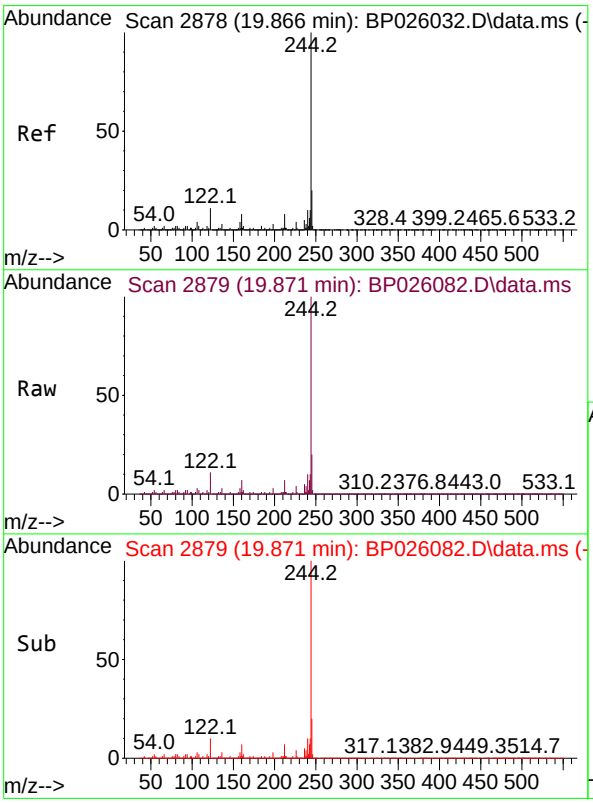
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 1768109

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.4	20.6	31.0

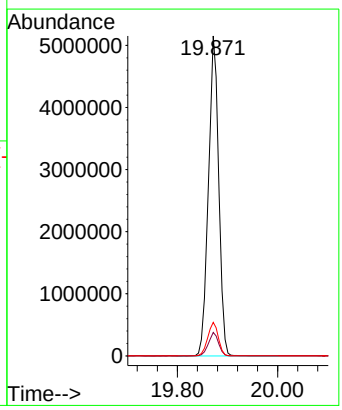


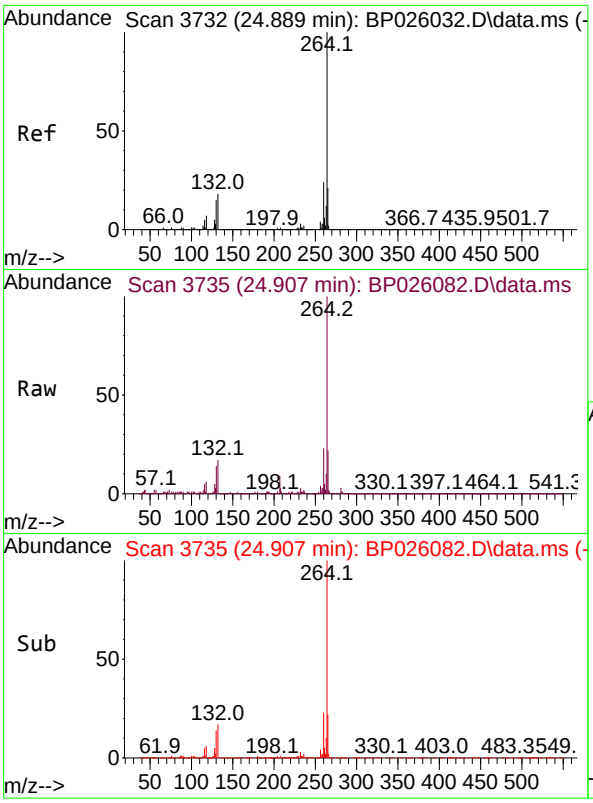


#79
Terphenyl-d14
Concen: 84.172 ng
RT: 19.871 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:244 Resp: 7325193

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.5	9.0	13.6



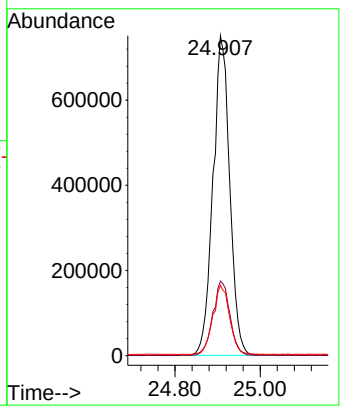


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Instrument :
BNA_P
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 2046411

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.0	17.2	25.8



Sample Results: **BP026082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2723733	3852392	19.67%	5.516%
2	6.855	659	666	674	rBV	1797024	2785863	14.23%	3.989%
3	7.678	799	806	813	rBV	918906	1396402	7.13%	2.000%
4	8.819	991	1000	1009	rBV	2742184	4731996	24.16%	6.776%
5	10.448	1269	1277	1287	rVB	1164236	1896637	9.68%	2.716%
6	12.931	1690	1699	1707	rBV	5803413	10218047	52.18%	14.631%
7	14.319	1927	1935	1945	rBV	1314051	2511198	12.82%	3.596%
8	15.836	2186	2193	2212	rBV	6438923	9155436	46.75%	13.110%
9	17.125	2406	2412	2423	rVB2	2263886	3314265	16.92%	4.746%
10	18.083	2570	2575	2586	rBV3	144768	258273	1.32%	0.370%
11	19.871	2872	2879	2886	rBV	13760713	19583722	100.00%	28.042%
12	21.577	3163	3169	3178	rVB2	2860589	4790941	24.46%	6.860%
13	24.907	3727	3735	3748	rVB	1964653	5341210	27.27%	7.648%

Sum of corrected areas: 69836382

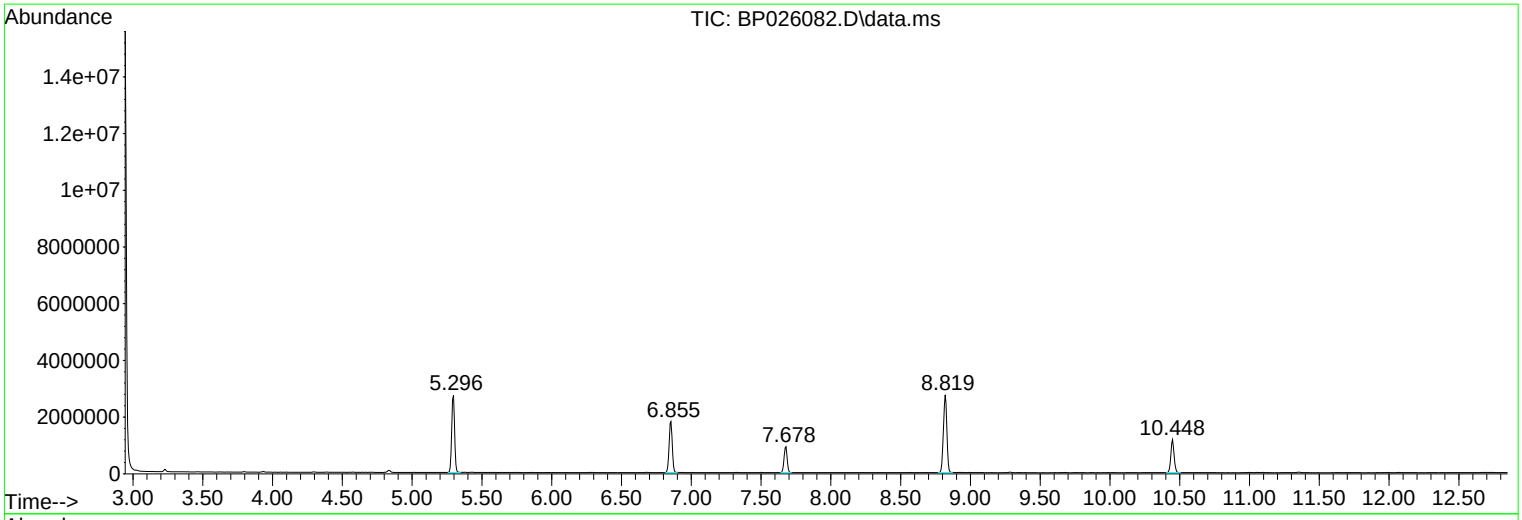
Sample Results: **BP026082.D**

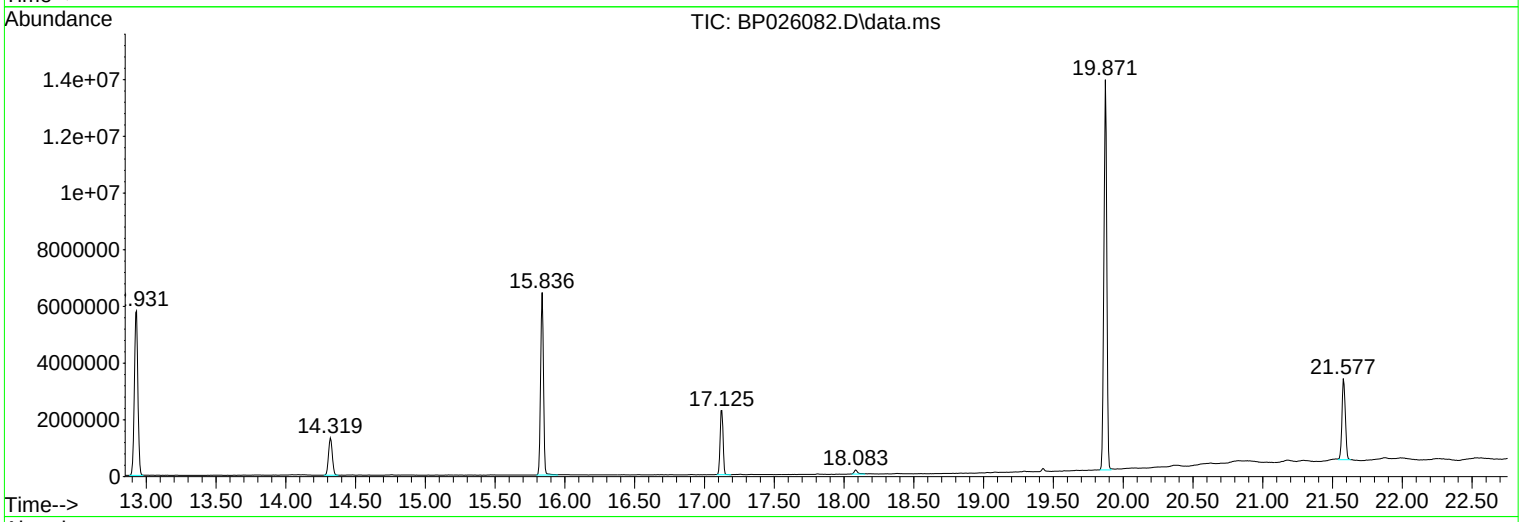
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

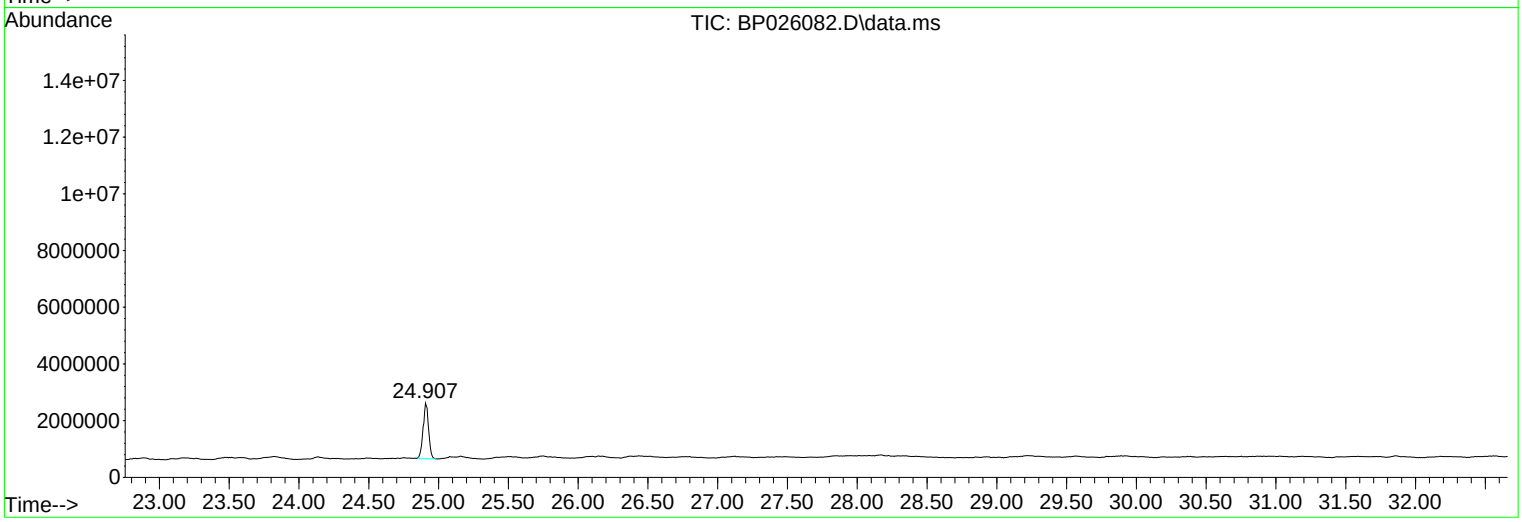
Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **BP026082.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026082.D
Acq On : 06 Nov 2025 18:26
Operator : RC/JU
Sample : Q3534-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Time: Nov 07 01:01:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

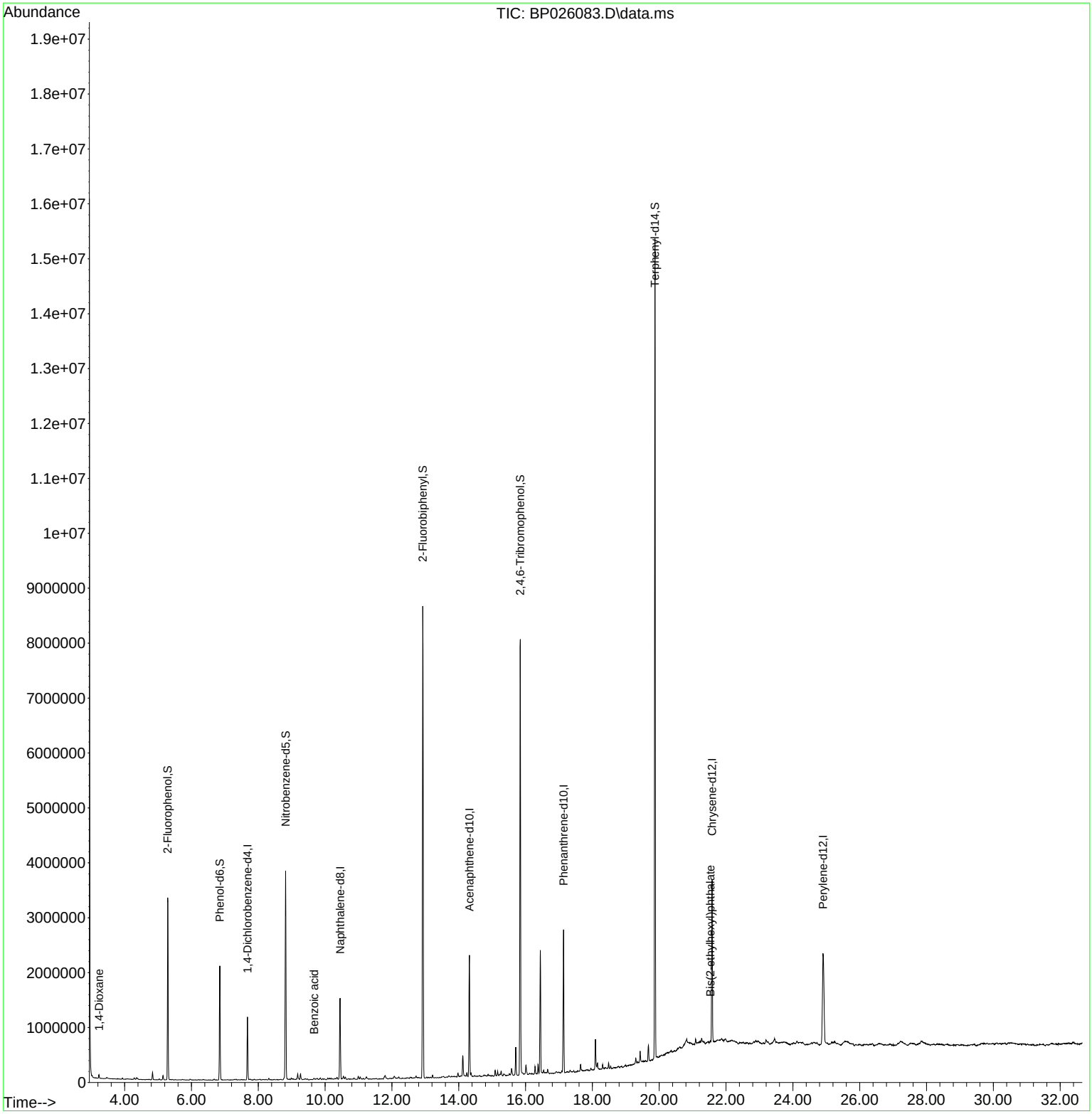
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318473	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1283462	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	829933	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1657805	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1728941	20.000	ng	0.02
86) Perylene-d12	24.901	264	2004698	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1447269	74.987	ng	0.00
7) Phenol-d6	6.849	99	1183337	48.171	ng	0.00
23) Nitrobenzene-d5	8.819	82	2092316	101.627	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1557099	173.543	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4951321	85.726	ng	0.00
79) Terphenyl-d14	19.872	244	7779259	91.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	30263	3.719	ng	# 83
32) Benzoic acid	9.672	122	6394	3.854	ng	95
84) Bis(2-ethylhexyl)phtha...	21.530	149	20473	2.875	ng	# 90

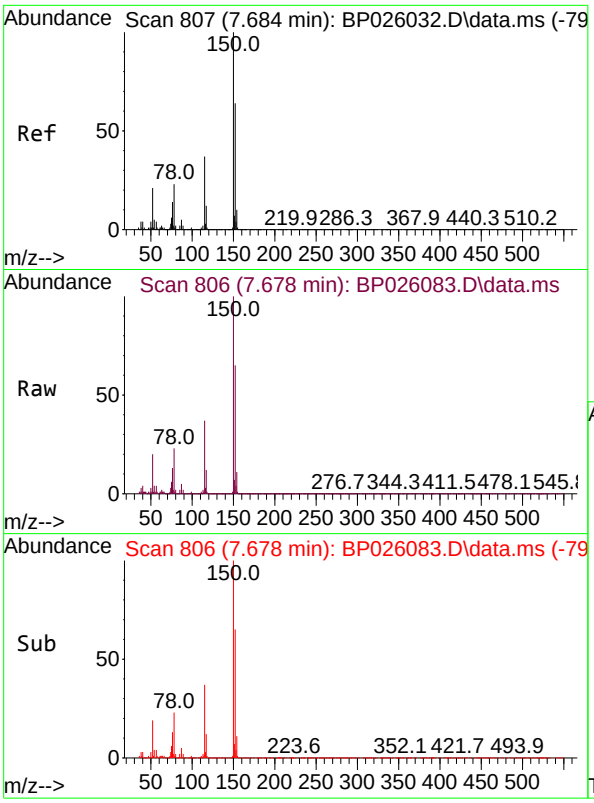
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Time: Nov 07 01:01:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



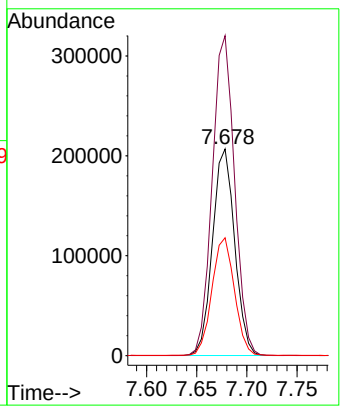


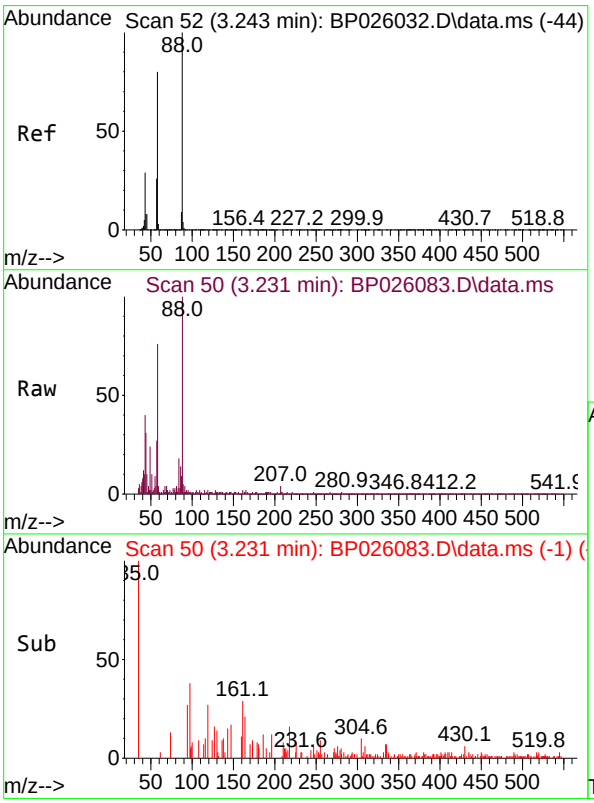
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 318473

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.7	188.5
115	57.0	46.4	69.6

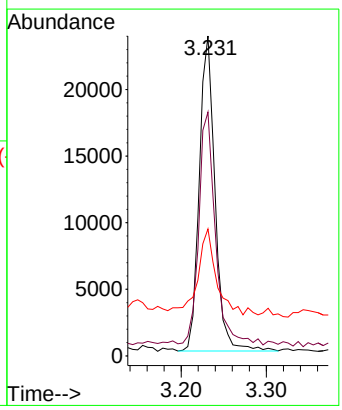


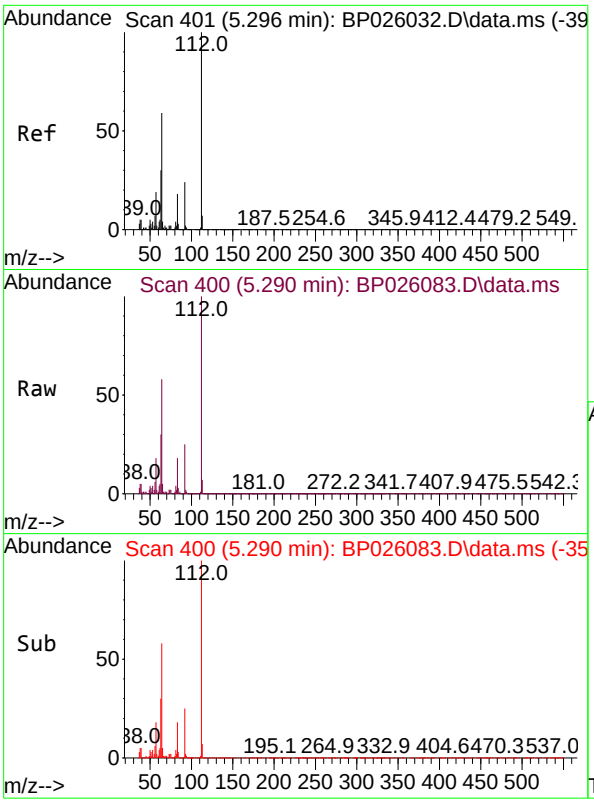


#2
1,4-Dioxane
Concen: 3.719 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 88 Resp: 30263

Ion	Ratio	Lower	Upper
88	100		
58	78.5	65.4	98.0
43	0.0	23.1	34.7#



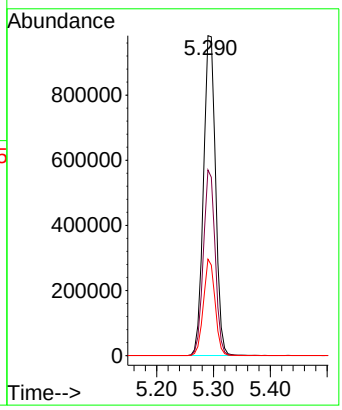


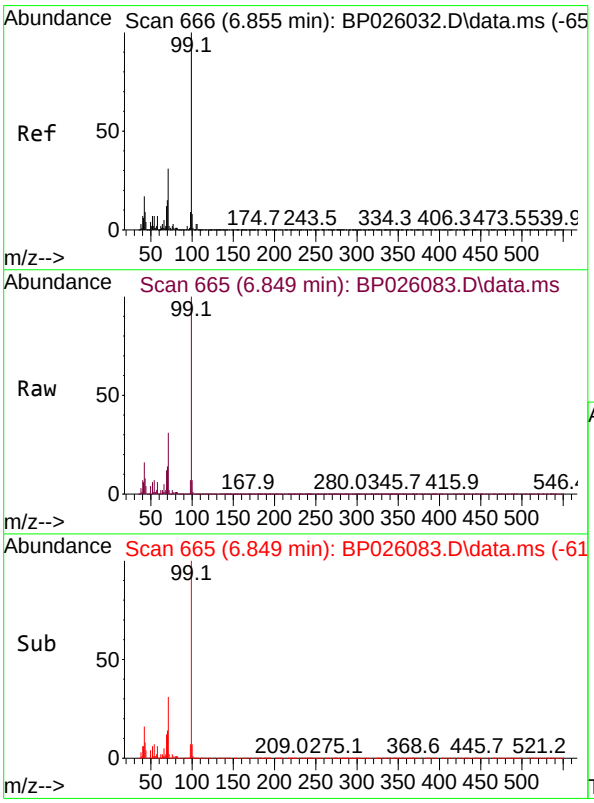
#5
2-Fluorophenol
Concen: 74.987 ng
RT: 5.290 min Scan# 40
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:112 Resp: 1447269

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.4	71.2
63	30.1	24.2	36.4

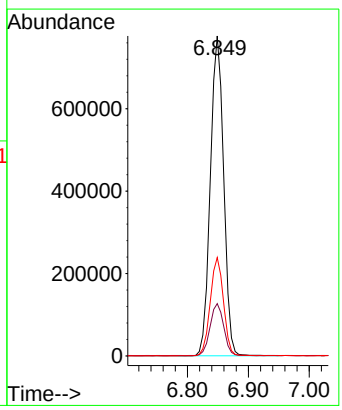


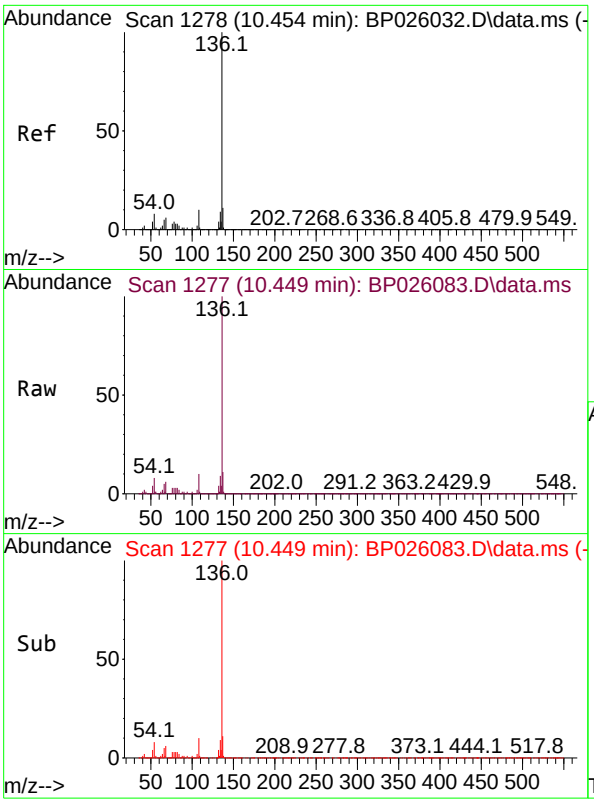


#7
Phenol-d6
Concen: 48.171 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 99 Resp: 1183337

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	30.7	24.4	36.6



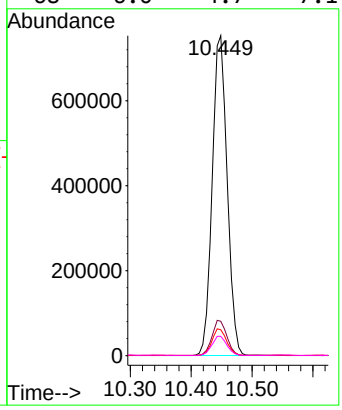


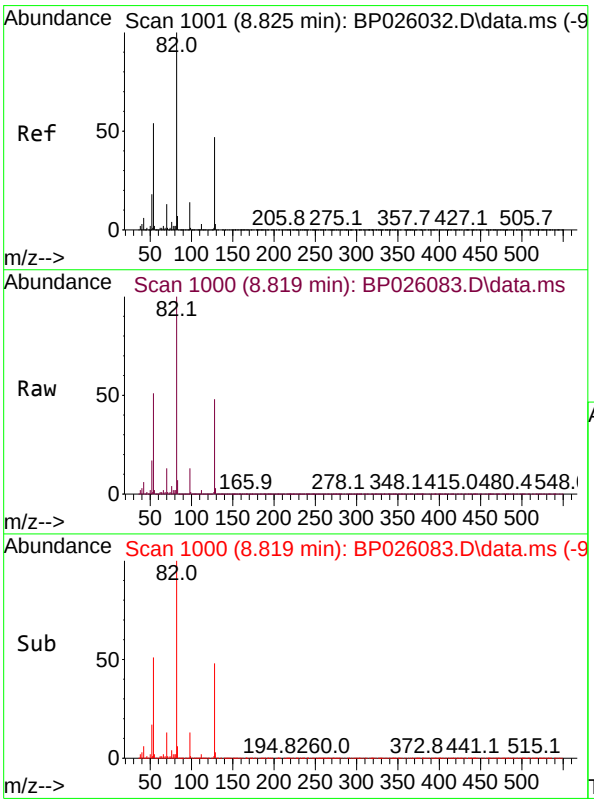
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:136 Resp: 1283462

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	6.6	10.0
68	6.0	4.7	7.1

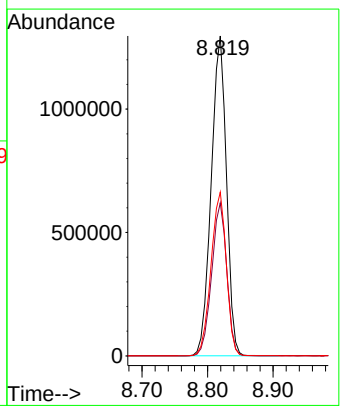


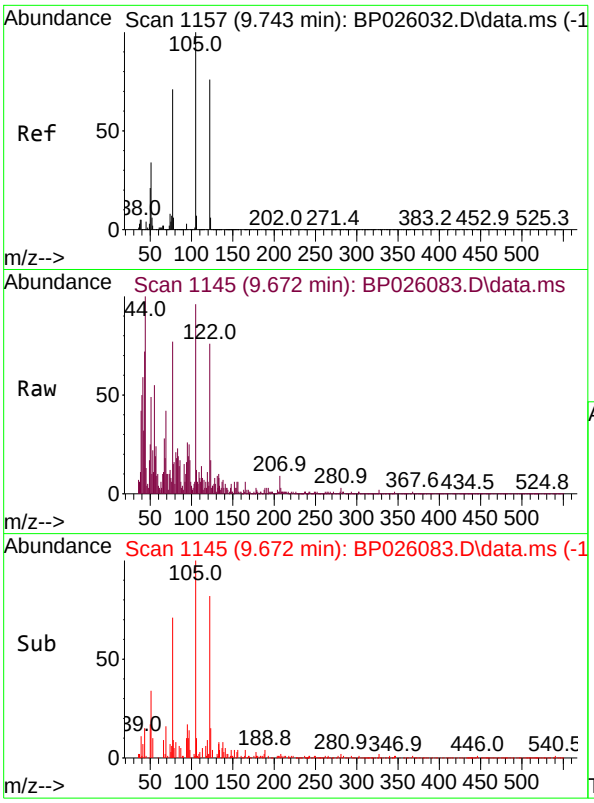


#23
Nitrobenzene-d5
Concen: 101.627 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 82 Resp: 2092316

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.0
54	51.2	42.7	64.1



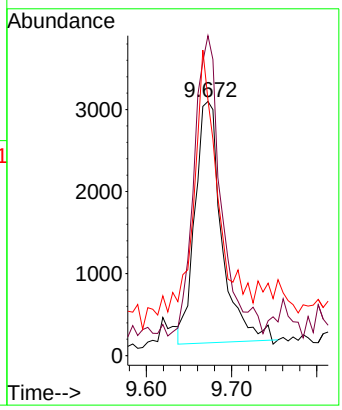


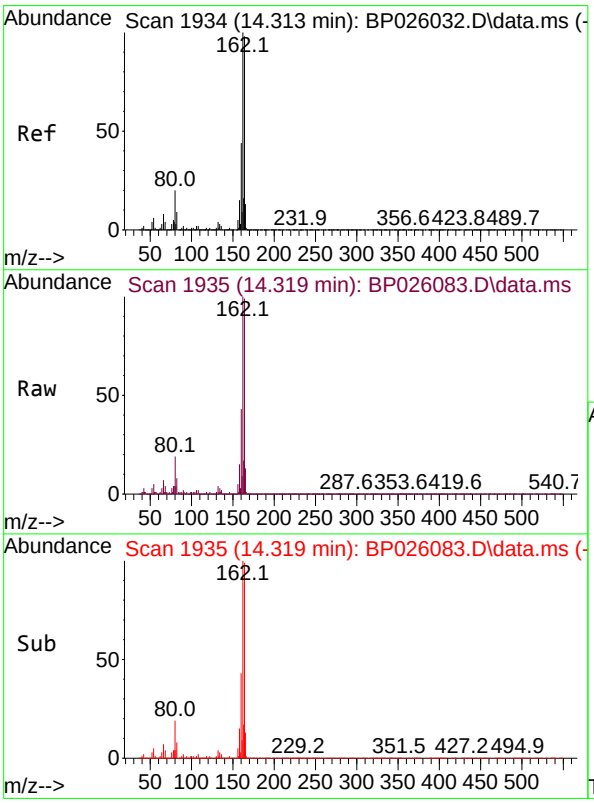
#32
Benzoic acid
Concen: 3.854 ng
RT: 9.672 min Scan# 11
Delta R.T. -0.106 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:122 Resp: 6394

Ion	Ratio	Lower	Upper
122	100		
105	125.9	104.8	144.8
77	100.5	70.9	110.9

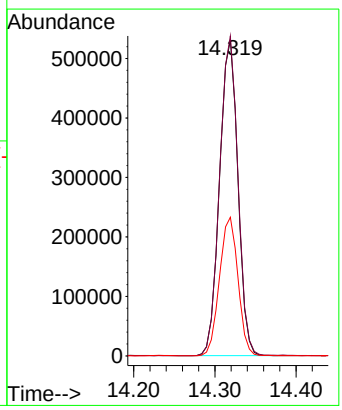


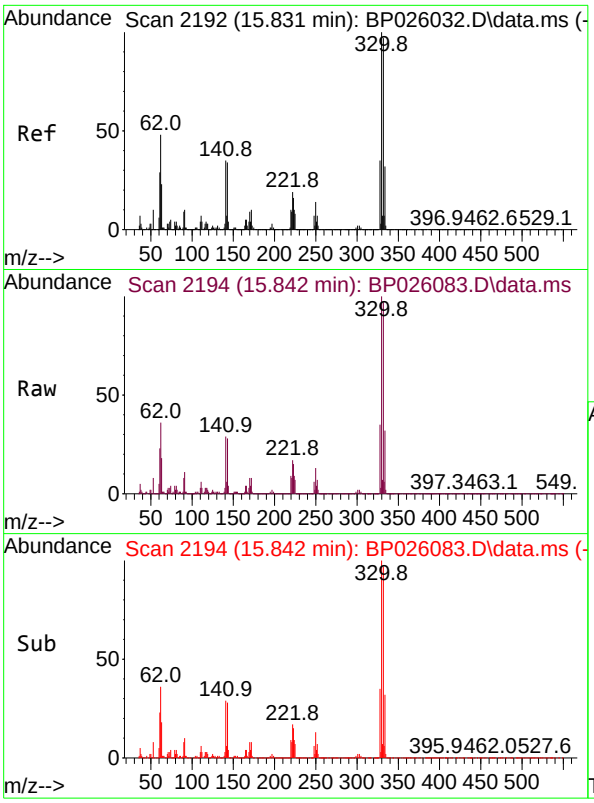


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:164 Resp: 829933

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.5	122.3
160	43.9	36.2	54.4



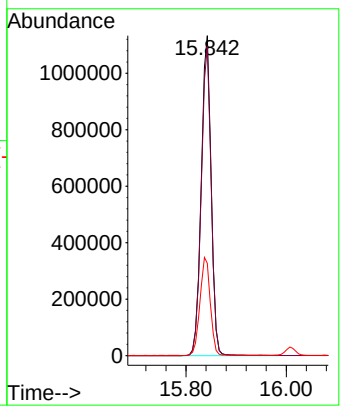


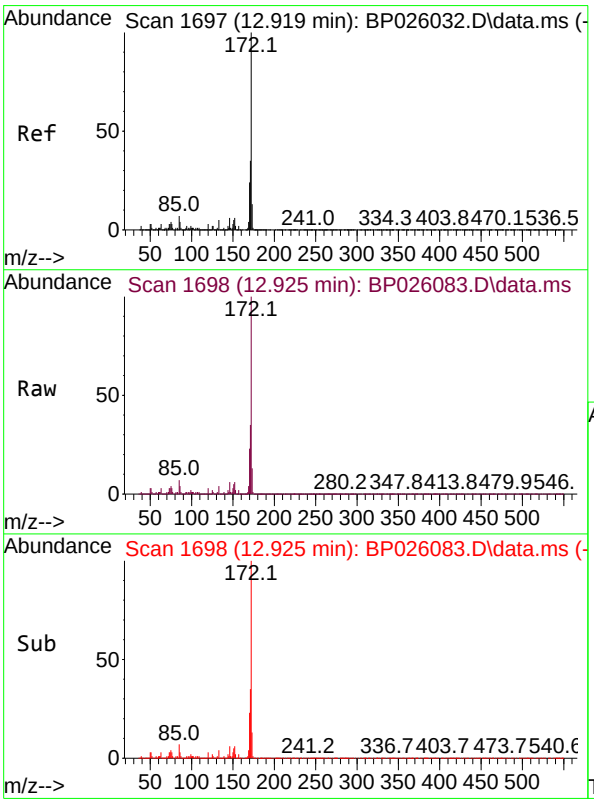
#42
2,4,6-Tribromophenol
Concen: 173.543 ng
RT: 15.842 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 1557099

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.1	28.6	42.8

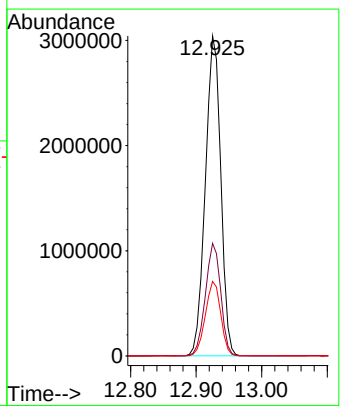


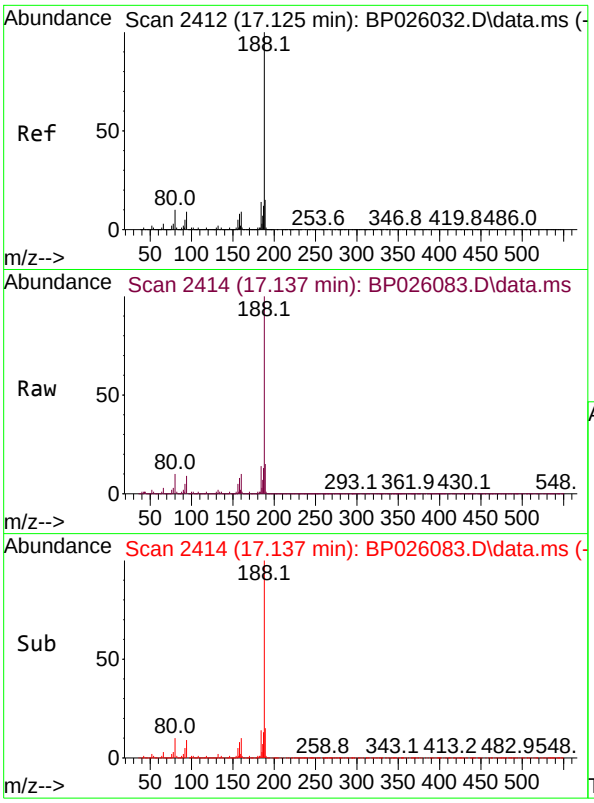


#45
2-Fluorobiphenyl
Concen: 85.726 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:172 Resp: 4951321

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.3	19.0	28.4



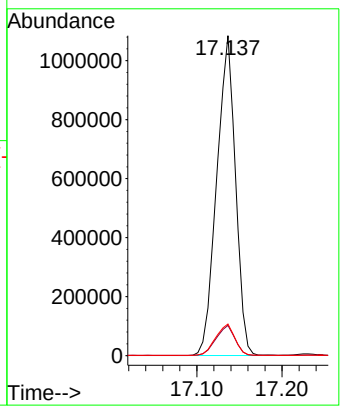


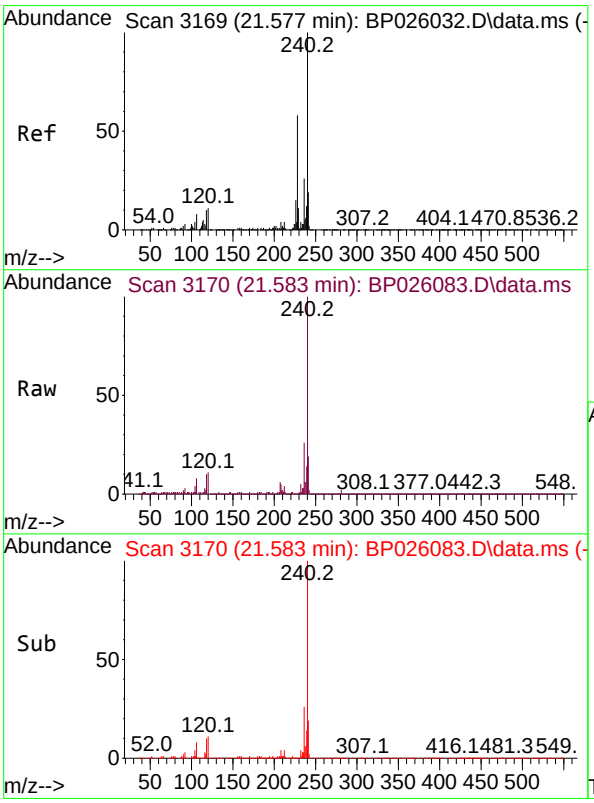
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 1657805

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.9	7.9	11.9

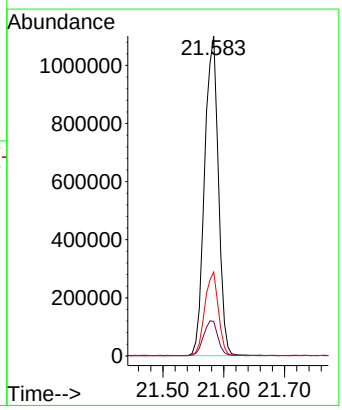


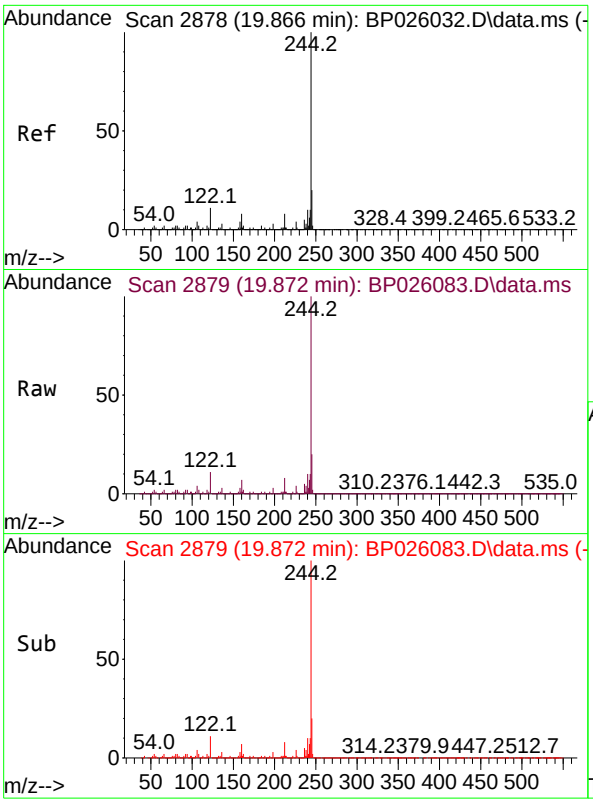


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:240 Resp: 1728941

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.2	20.6	31.0



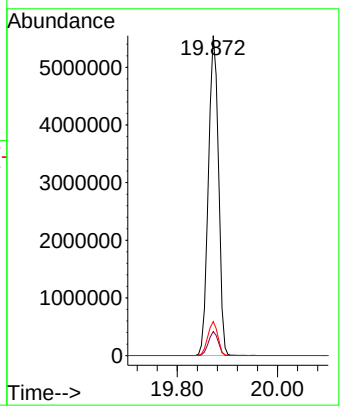


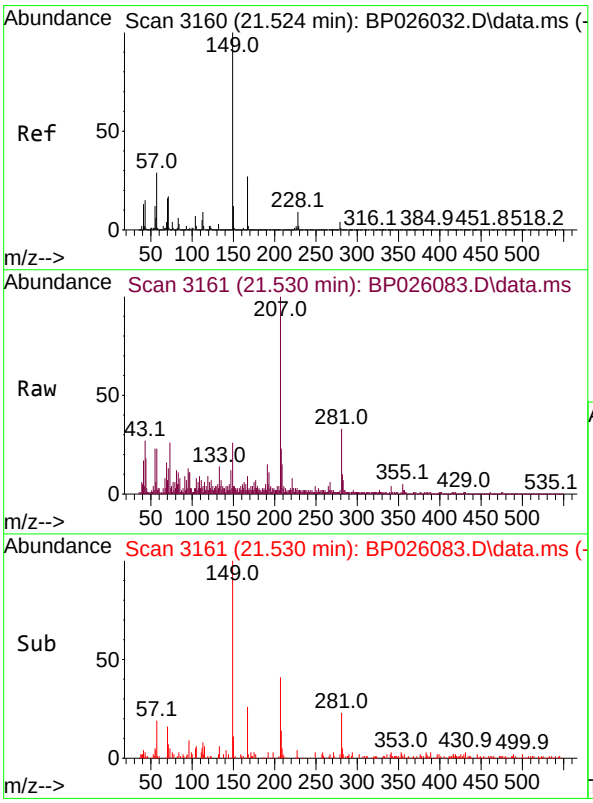
#79
Terphenyl-d14
Concen: 91.414 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 7779259

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.6	9.0	13.6

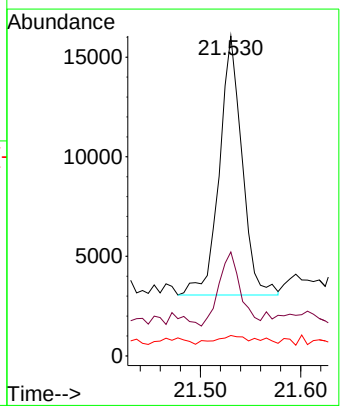


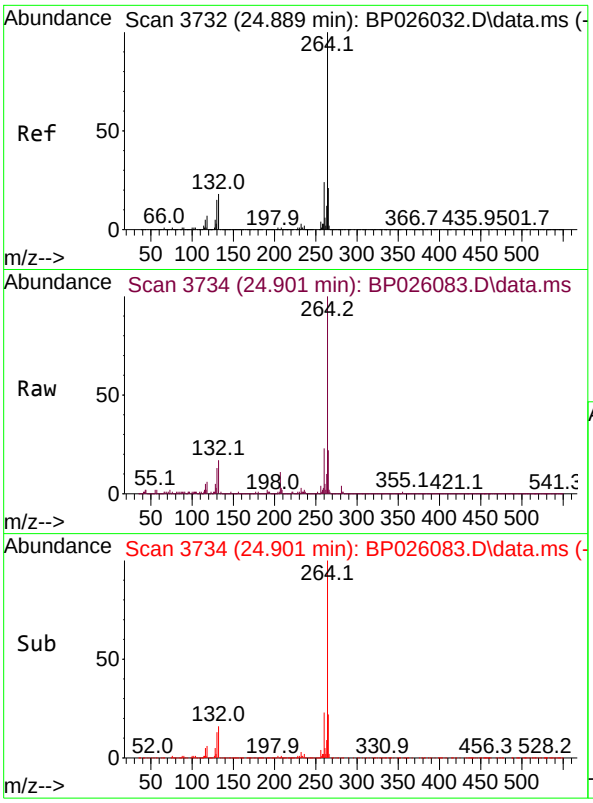


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.875 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:149 Resp: 20473

Ion	Ratio	Lower	Upper
149	100		
167	32.5	21.5	32.3#
279	6.4	3.0	4.6#



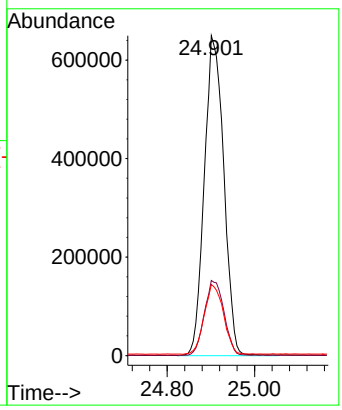


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Instrument :
BNA_P
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 2004698

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.2	17.2	25.8



Sample Results: **BP026083.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	394	400	409	rBV	3314898	4814663	23.24%	5.360%
2	6.849	657	665	673	rBV	2078612	3214541	15.52%	3.578%
3	7.678	799	806	813	rBV	1145764	1787867	8.63%	1.990%
4	8.819	992	1000	1011	rVB	3798951	6178665	29.82%	6.878%
5	10.449	1267	1277	1284	rBV	1477820	2547227	12.29%	2.836%
6	12.925	1690	1698	1707	rBV	8598422	13887928	67.03%	15.460%
7	14.119	1896	1901	1910	rBV	367878	629270	3.04%	0.701%
8	14.319	1928	1935	1941	rBV	2210208	3511643	16.95%	3.909%
9	15.578	2145	2149	2159	rVB	122249	232138	1.12%	0.258%
10	15.707	2165	2171	2179	rVB	512463	760107	3.67%	0.846%
11	15.842	2187	2194	2204	rBV	7932303	11931932	57.59%	13.283%
12	16.013	2218	2223	2231	rVB4	170162	318769	1.54%	0.355%
13	16.372	2280	2284	2289	rBV2	172534	245252	1.18%	0.273%
14	16.442	2289	2296	2308	rBV	2245147	3722799	17.97%	4.144%
15	17.137	2407	2414	2421	rVB	2605411	4026399	19.43%	4.482%
16	18.089	2571	2576	2583	rBV	547837	858206	4.14%	0.955%
17	19.425	2800	2803	2813	rBV	199666	311143	1.50%	0.346%
18	19.678	2841	2846	2853	rBV	292361	486838	2.35%	0.542%
19	19.872	2873	2879	2885	rBV	14921848	20718032	100.00%	23.063%
20	21.583	3164	3170	3176	rVB	2932573	4531390	21.87%	5.044%
21	24.901	3727	3734	3753	rVB	1636197	5116484	24.70%	5.696%

Sum of corrected areas: 89831293

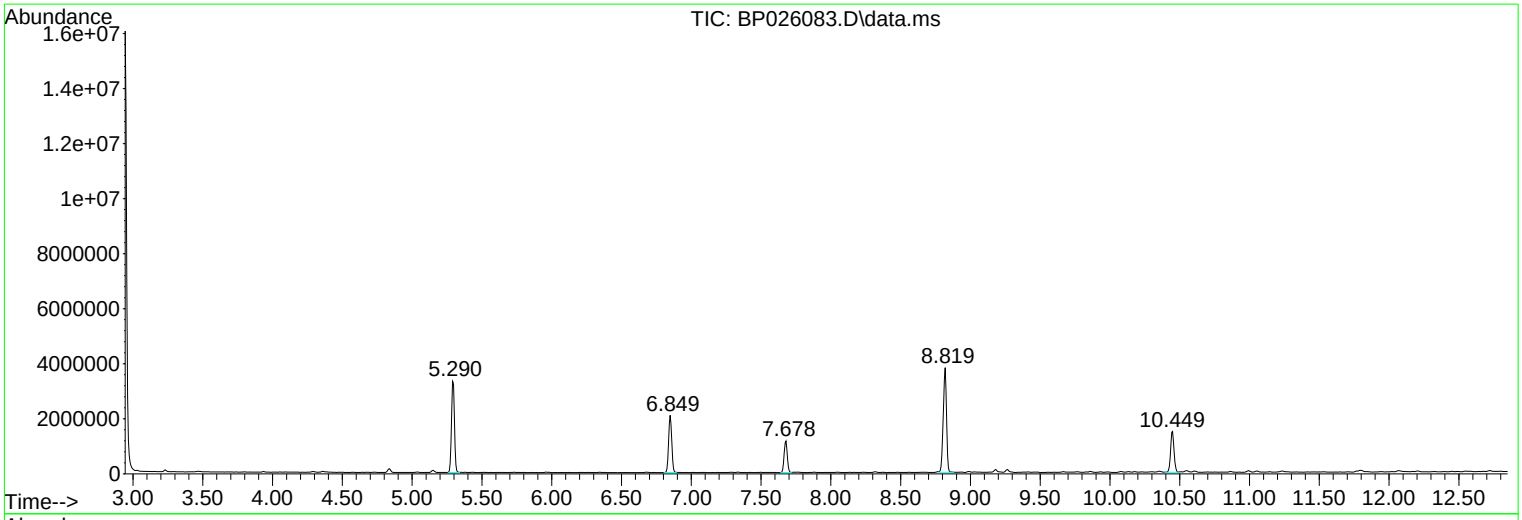
Sample Results: **BP026083.D**

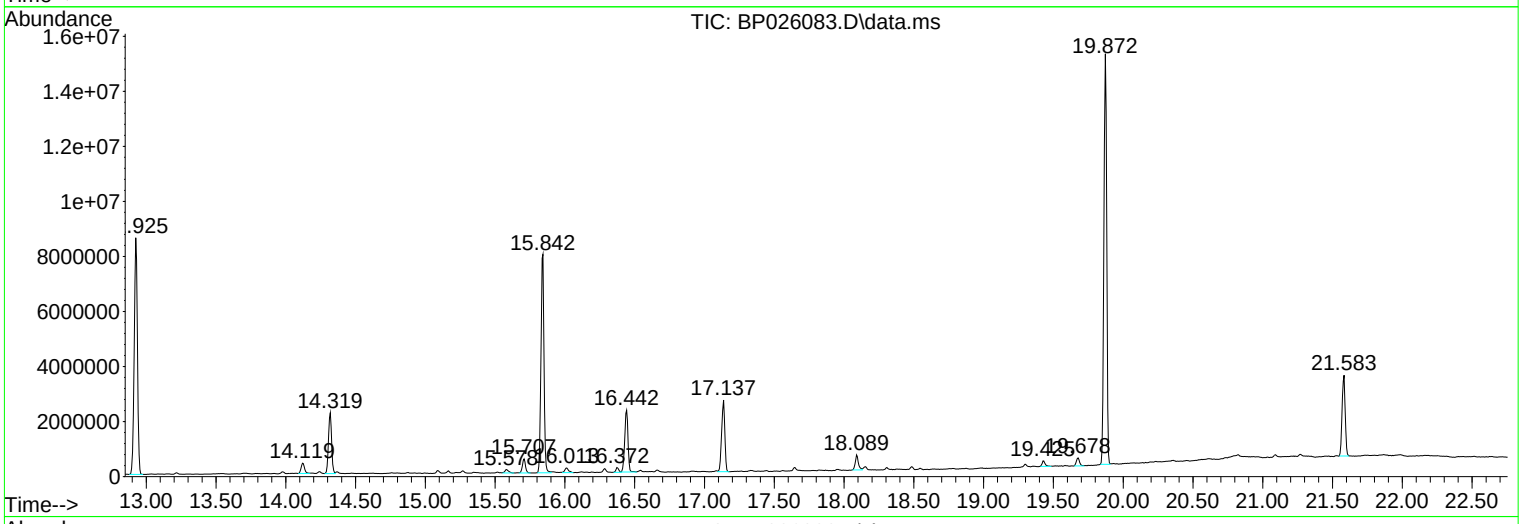
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

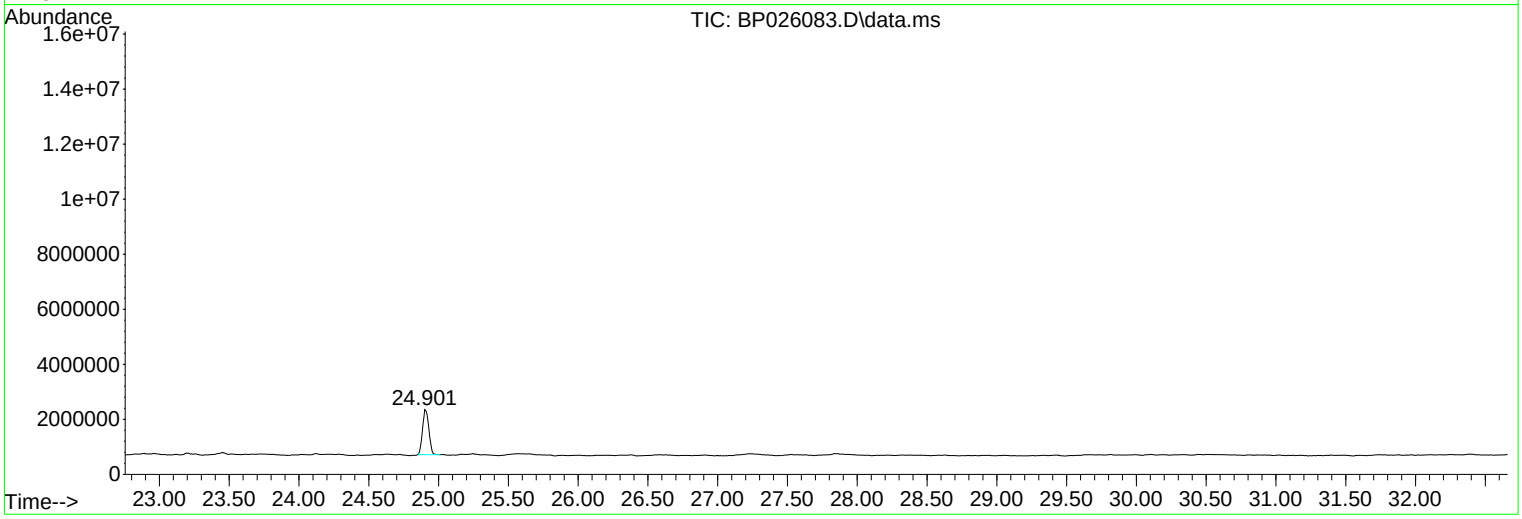
Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

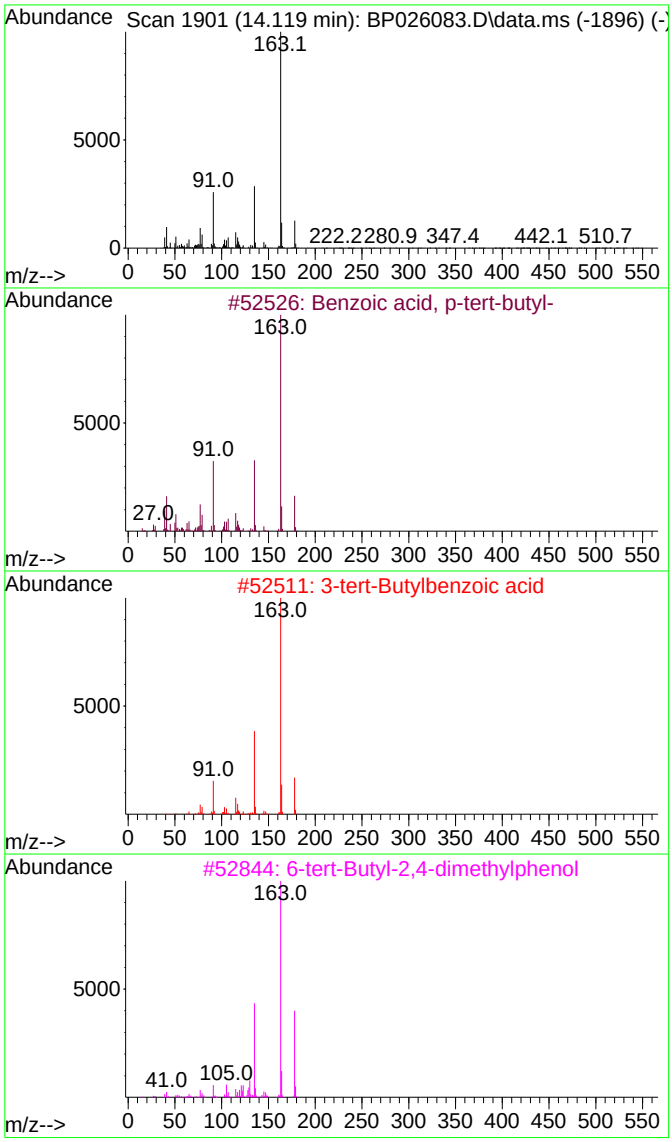
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

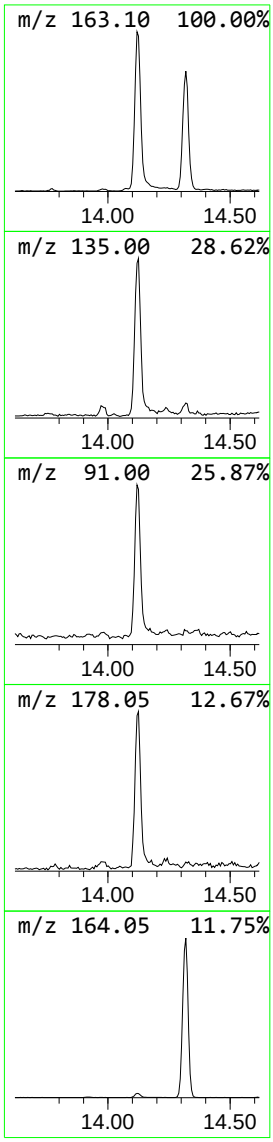
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzoic acid, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.119	3.58 ng	629270	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

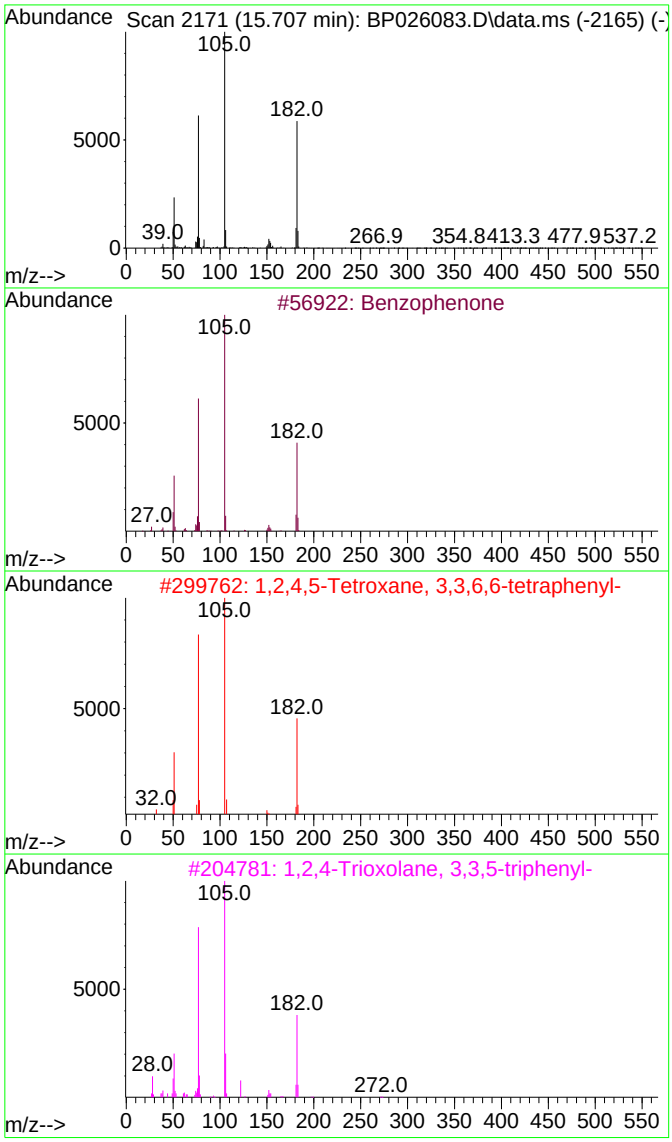
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

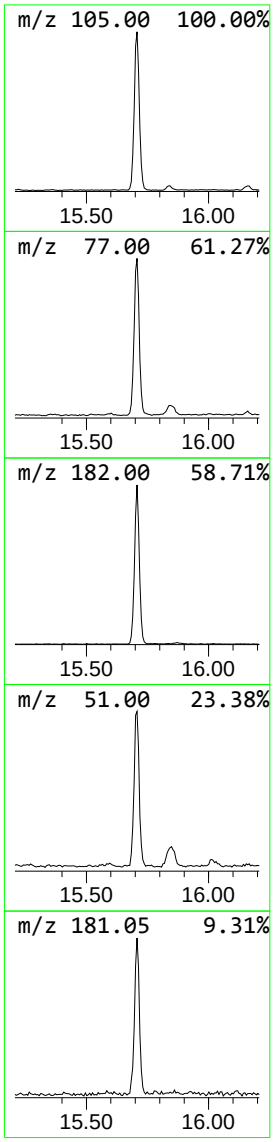
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	4.33 ng	760107	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Azobenzene	182	C12H10N2	000103-33-3	47
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

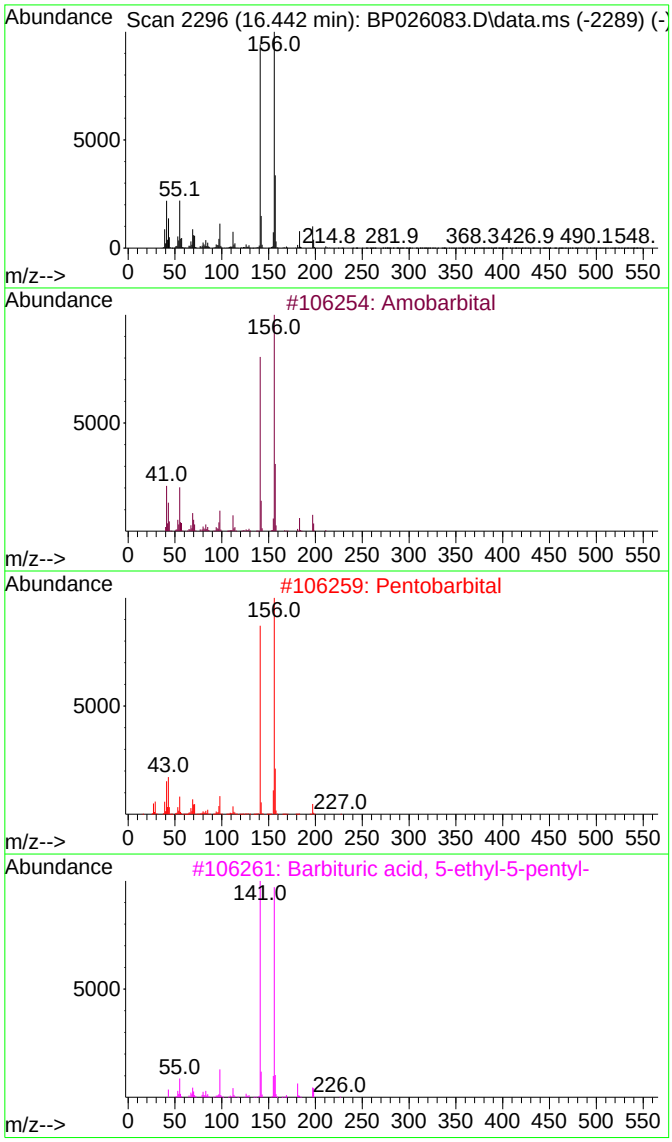
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

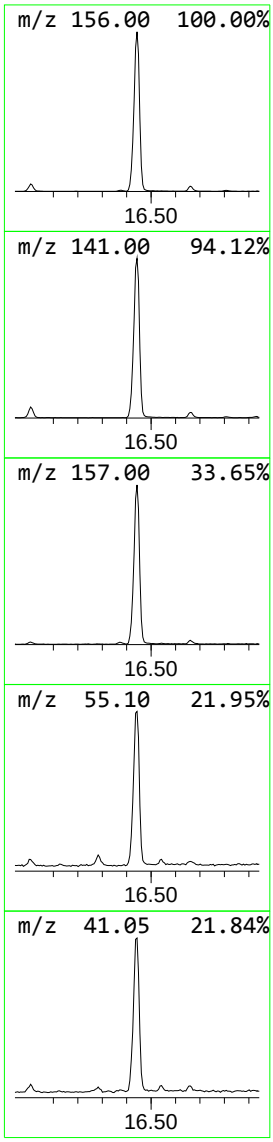
****

Peak Number 3 Amobarbital Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.442	18.49 ng	3722800	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amobarbital	226	C11H18N2O3	000057-43-2	91
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Barbituric acid, 5-ethyl-5-pentyl-	226	C11H18N2O3	000115-58-2	72
4	Butabarbital	212	C10H16N2O3	000125-40-6	72
5	Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

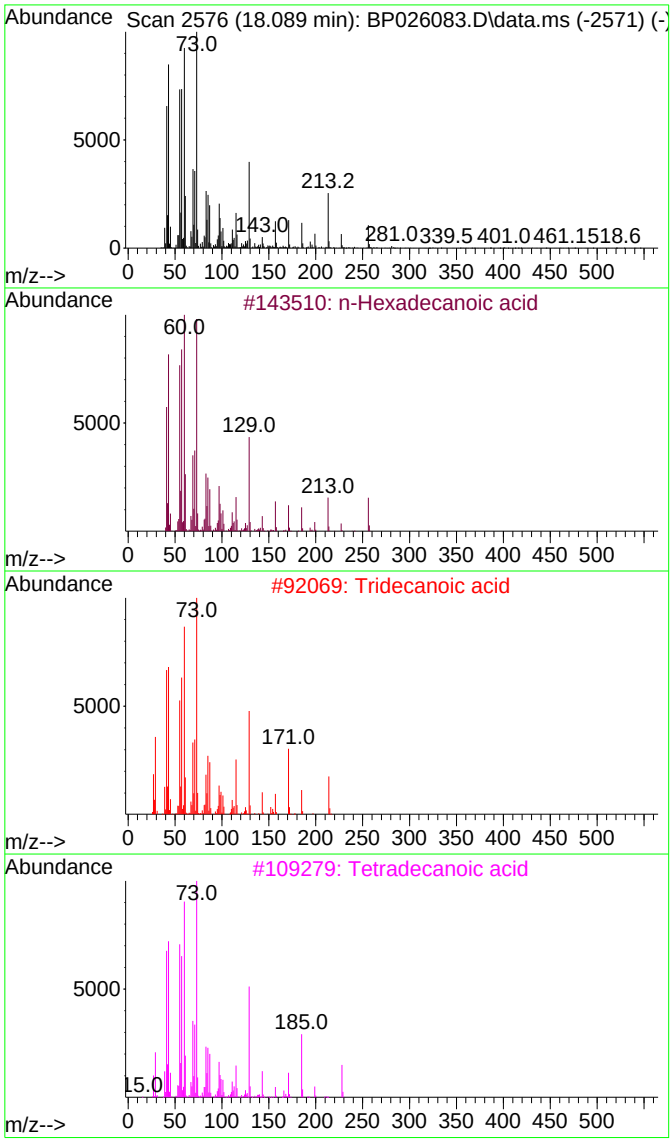
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

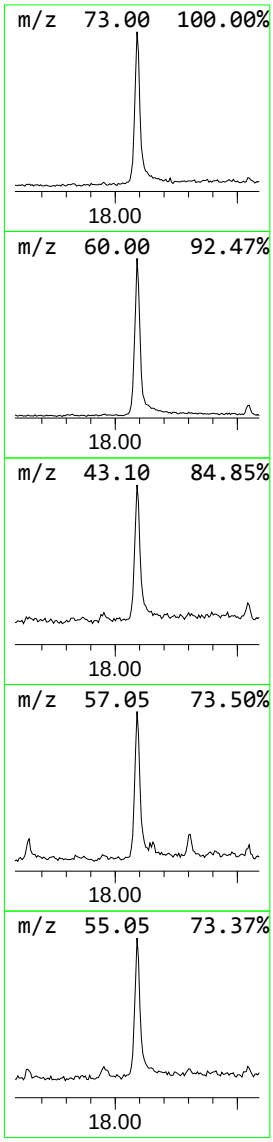
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	4.26 ng	858206	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

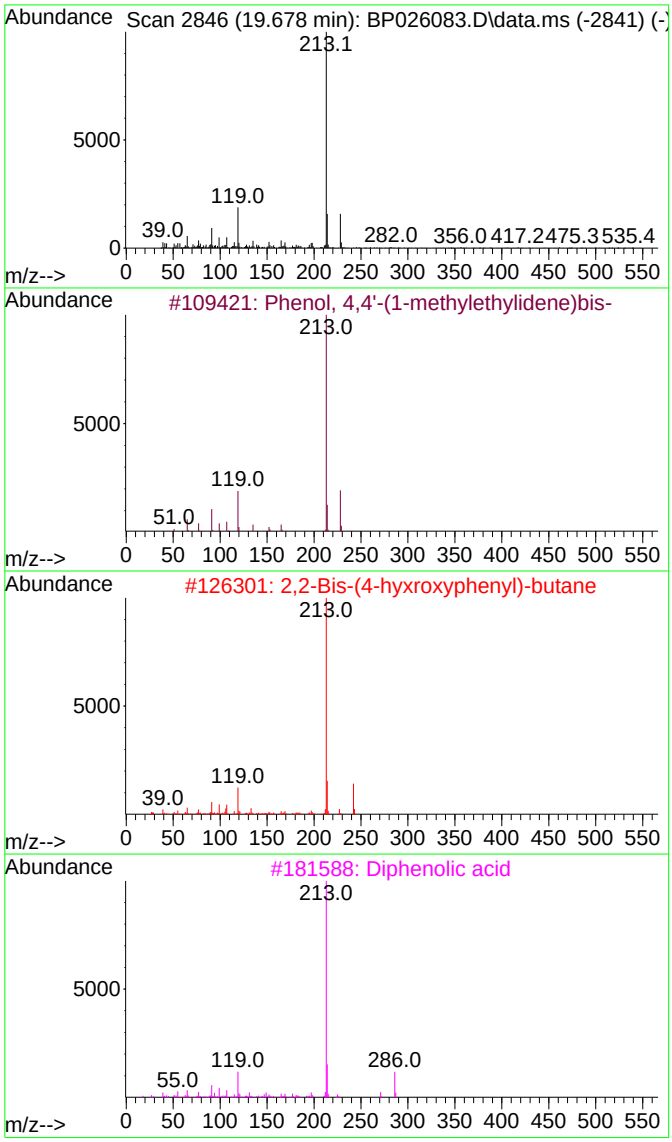
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

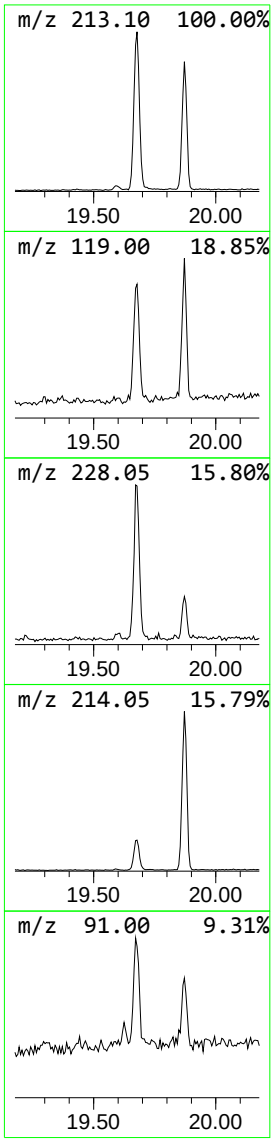
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.678	2.15 ng	486838	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	78
3	Diphenolic acid	286	C17H18O4	000126-00-1	59
4	2,2-Bis(4-propionoxyphenyl)propane	340	C21H24O4	003711-19-1	59
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzoic acid, p...	14.119	3.6	ng	629270	3	14.319	3511640	20.0
Benzophenone	15.707	4.3	ng	760107	3	14.319	3511640	20.0
Amobarbital	16.442	18.5	ng	3722800	4	17.137	4026400	20.0
n-Hexadecanoic ...	18.089	4.3	ng	858206	4	17.137	4026400	20.0
Phenol, 4,4'-(1...	19.678	2.1	ng	486838	5	21.583	4531390	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 00:00:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

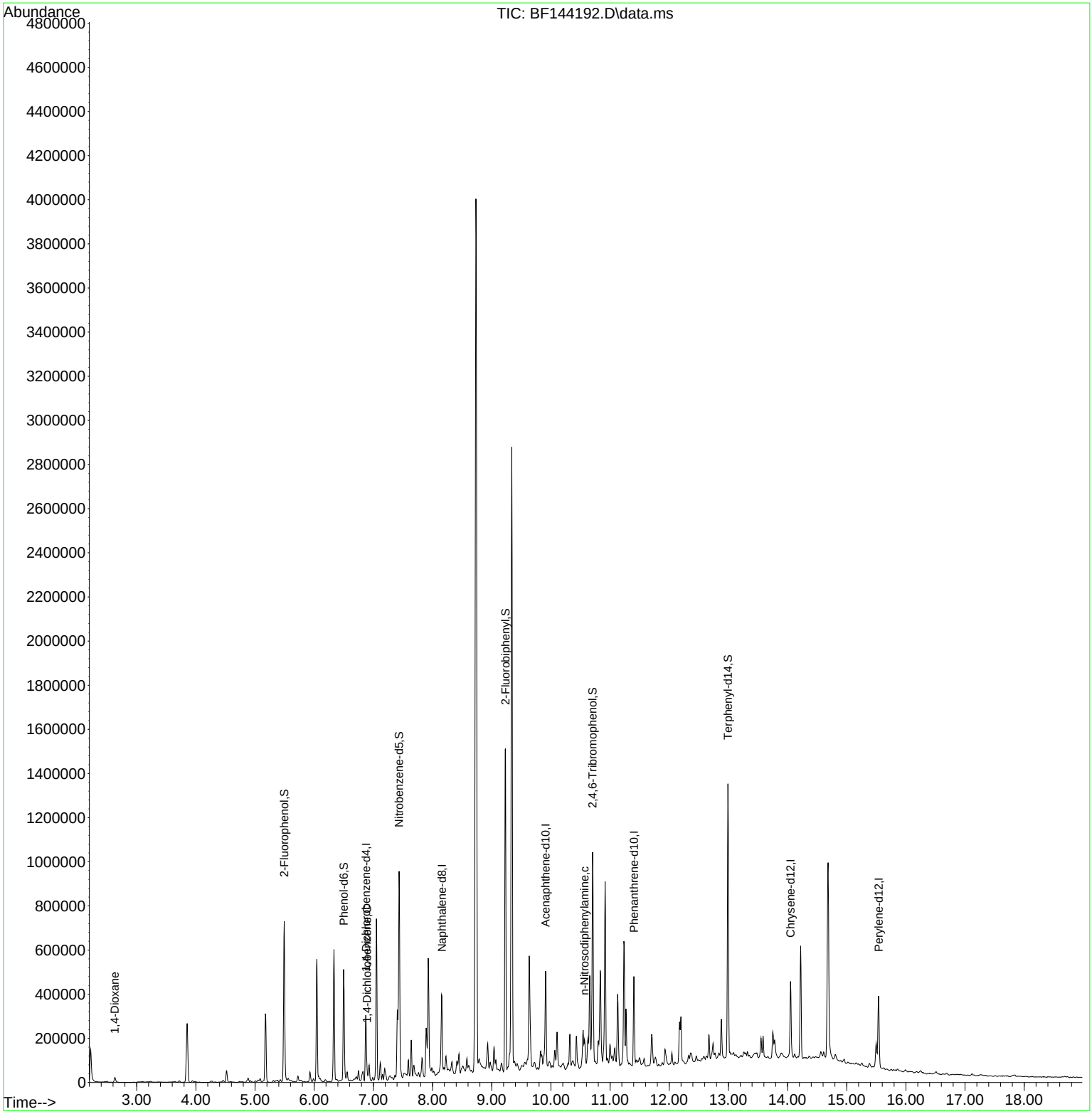
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62761	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	229494	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	120957	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	183106	20.000	ng	0.00
76) Chrysene-d12	14.051	240	157153	20.000	ng	0.00
86) Perylene-d12	15.539	264	214152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	289194	72.107	ng	0.00
7) Phenol-d6	6.498	99	221314	48.701	ng	0.00
23) Nitrobenzene-d5	7.434	82	353190	88.885	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	182170	120.017	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	707859	86.432	ng	0.00
79) Terphenyl-d14	12.992	244	654961	66.199	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	11907	7.181	ng	97
13) 1,4-Dichlorobenzene	6.893	146	16898	3.475	ng	94
66) n-Nitrosodiphenylamine	10.569	169	21832	3.707	ng	96

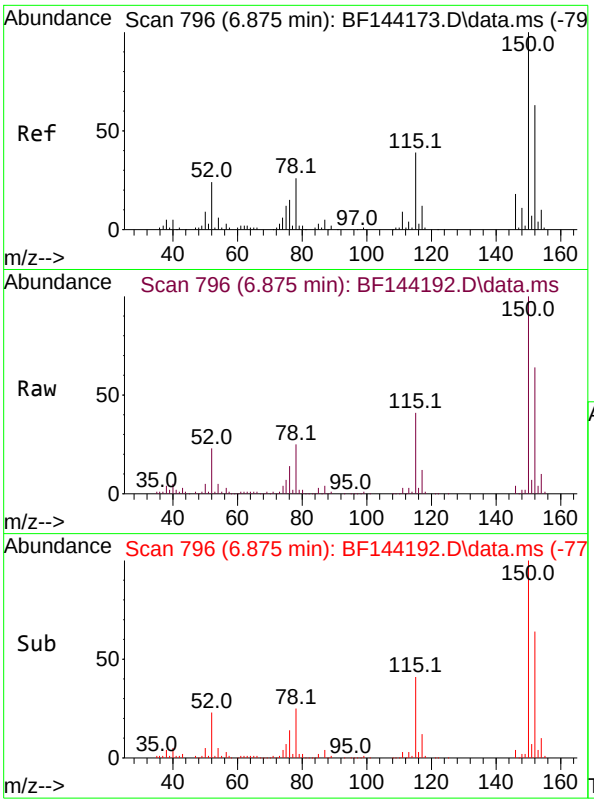
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 00:00:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



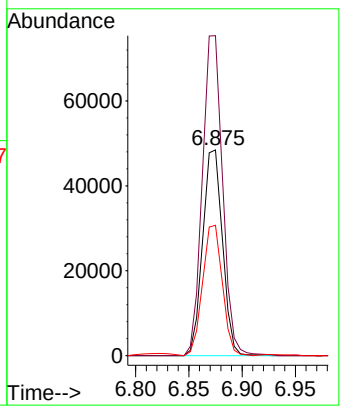


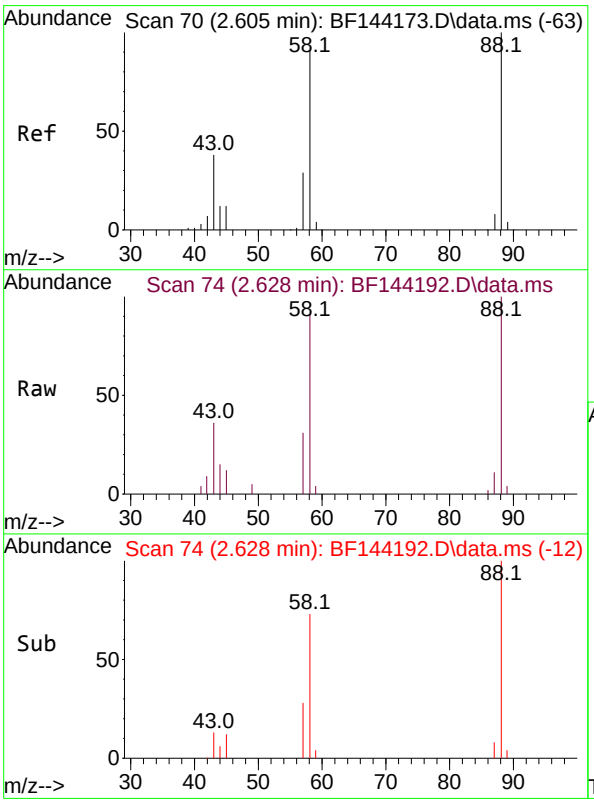
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:152 Resp: 62761

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	63.3	49.5	74.3

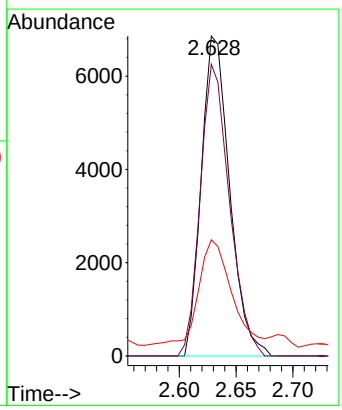


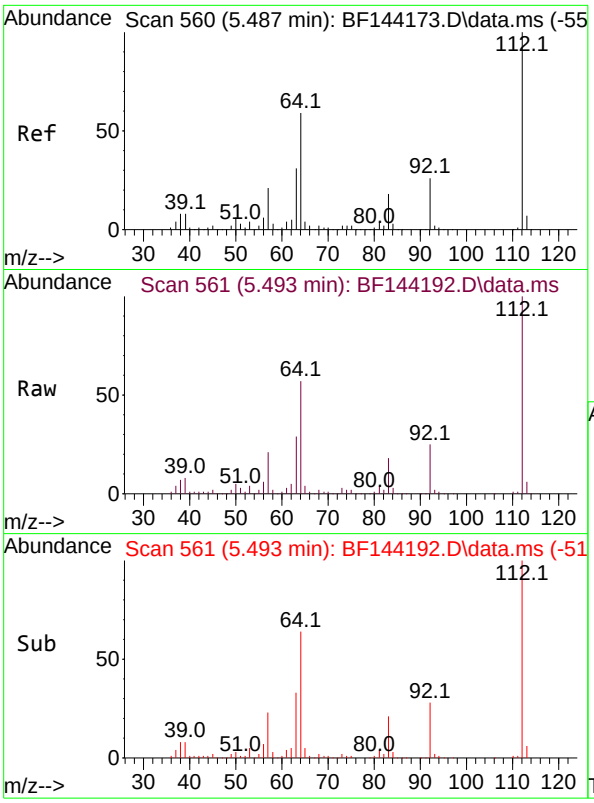


#2
1,4-Dioxane
Concen: 7.181 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion: 88 Resp: 11907

Ion	Ratio	Lower	Upper
88	100		
58	93.7	73.1	109.7
43	36.6	31.0	46.6



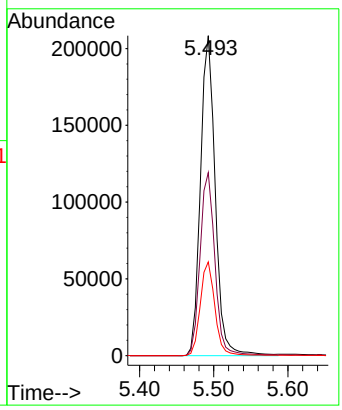


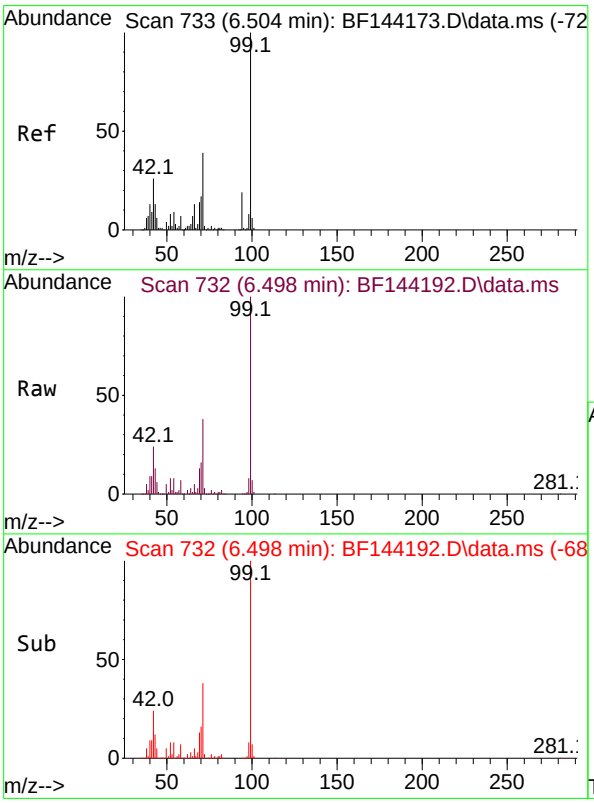
#5
2-Fluorophenol
Concen: 72.107 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:112 Resp: 289194

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.2	70.8
63	29.3	24.4	36.6

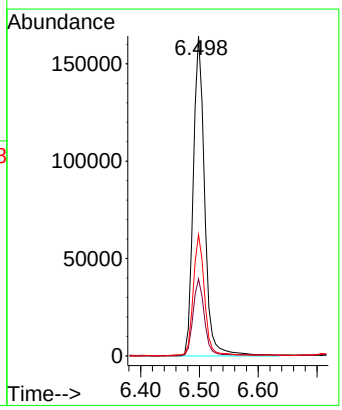


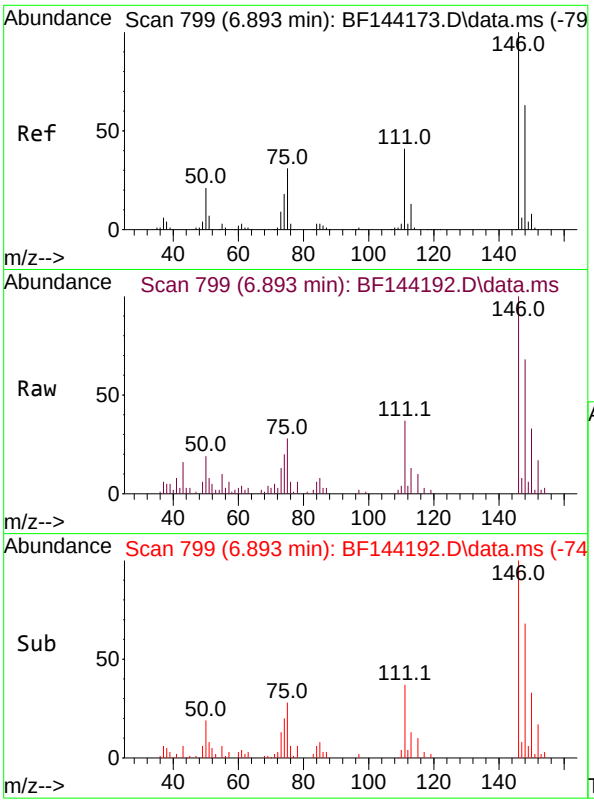


#7
Phenol-d6
Concen: 48.701 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion: 99 Resp: 221314

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.9	31.3
71	37.9	31.4	47.2



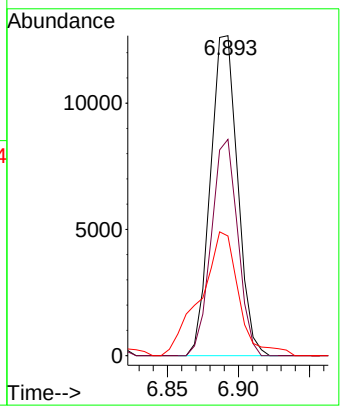


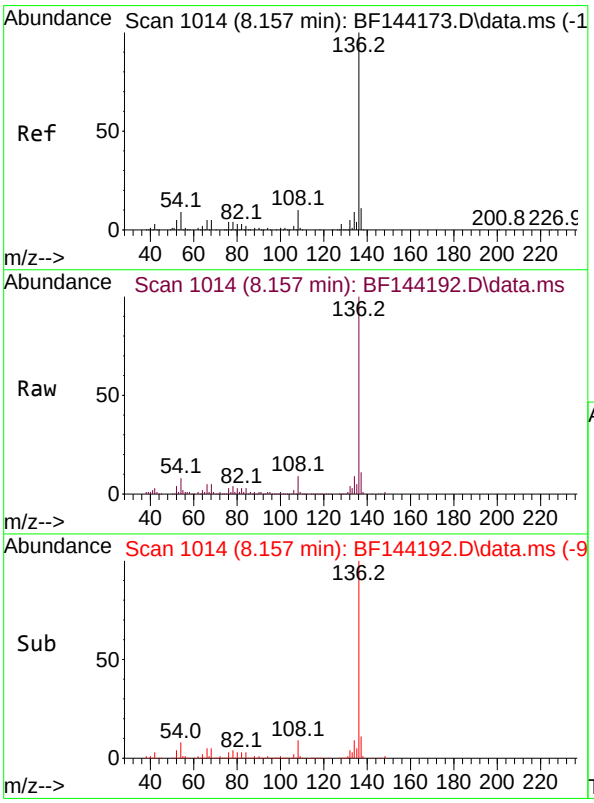
#13
1,4-Dichlorobenzene
Concen: 3.475 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:146 Resp: 16898

Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.2	75.2
111	37.4	32.6	48.8

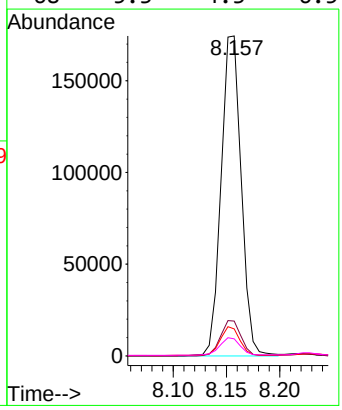


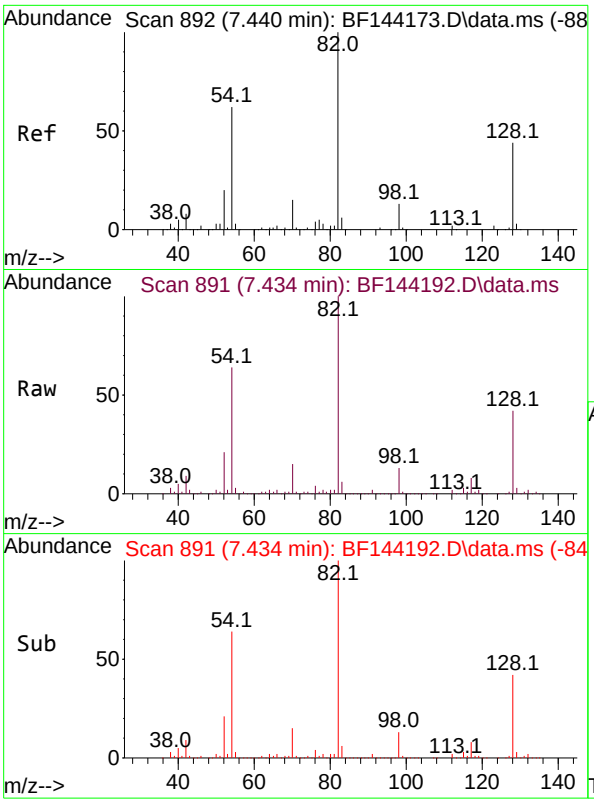


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:136 Resp: 229494

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.0	10.6
68	5.3	4.3	6.5



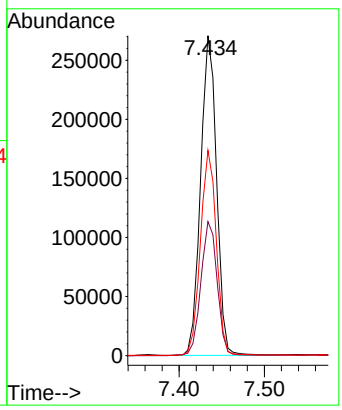


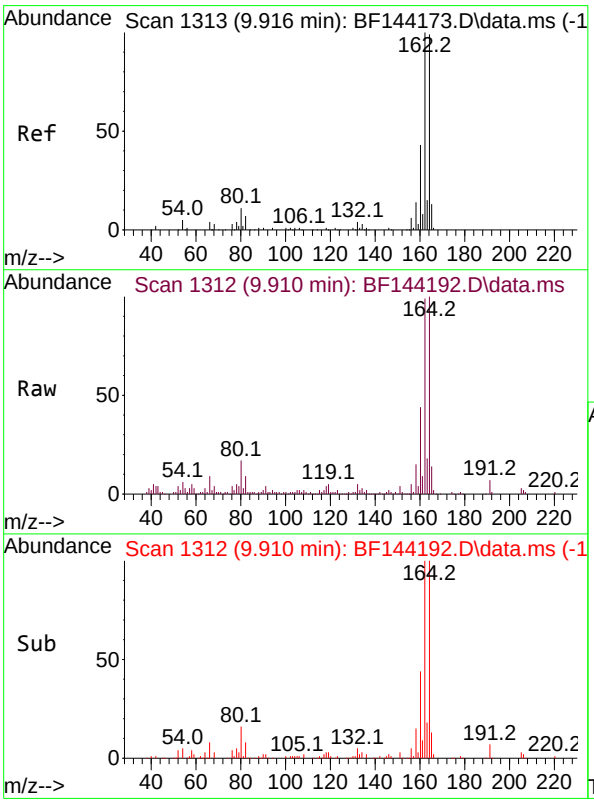
#23
Nitrobenzene-d5
Concen: 88.885 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion: 82 Resp: 353190

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.7	52.1
54	64.1	49.5	74.3

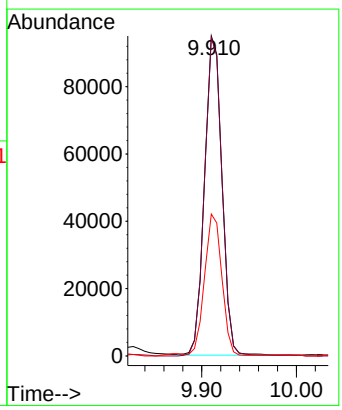


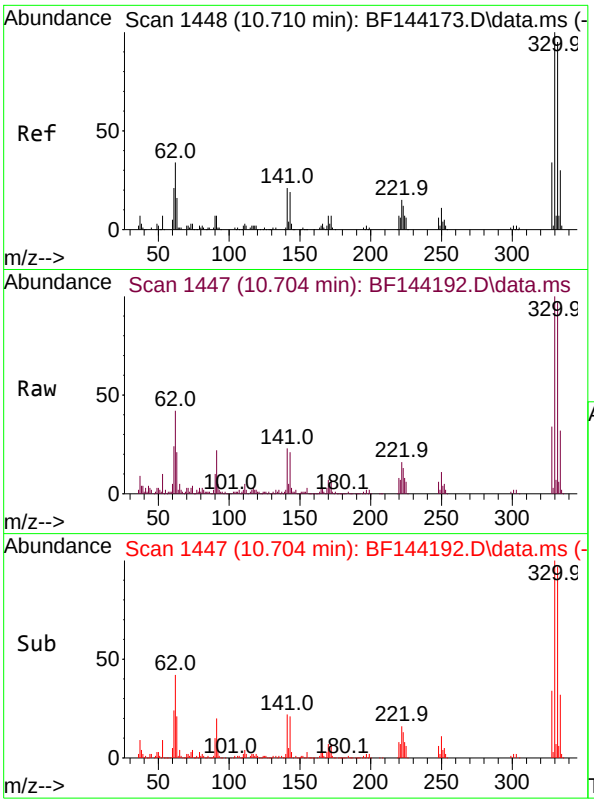


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:164 Resp: 120957

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.1	121.7
160	44.3	34.5	51.7



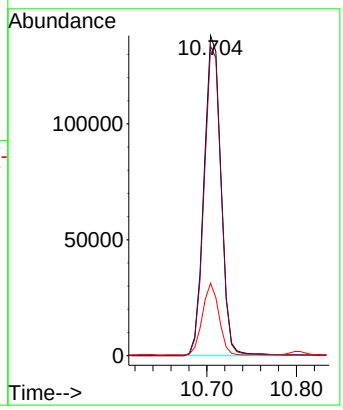


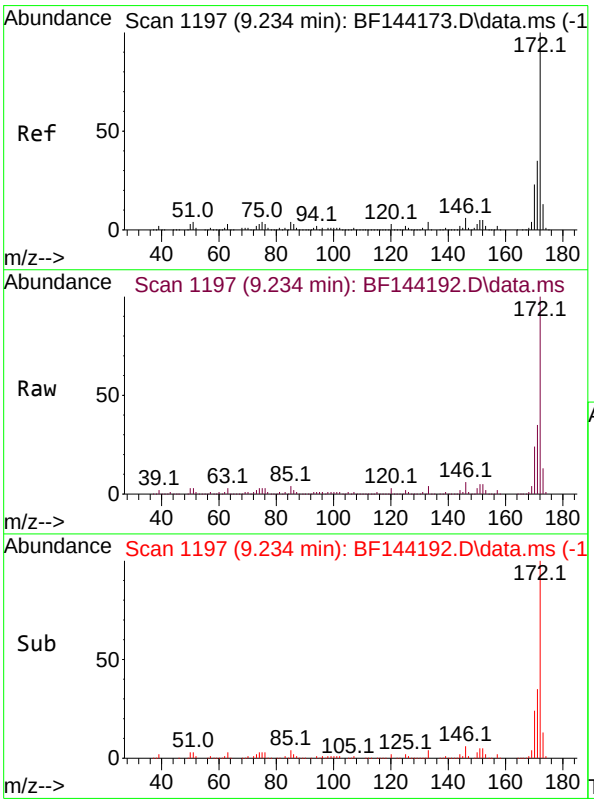
#42
2,4,6-Tribromophenol
Concen: 120.017 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:330 Resp: 182170

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	21.5	17.8	26.8

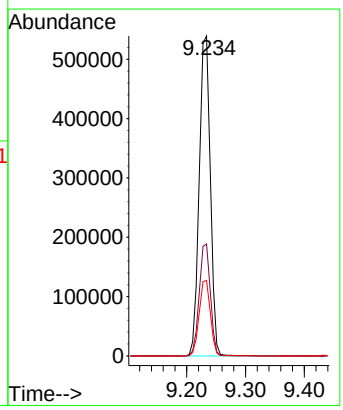


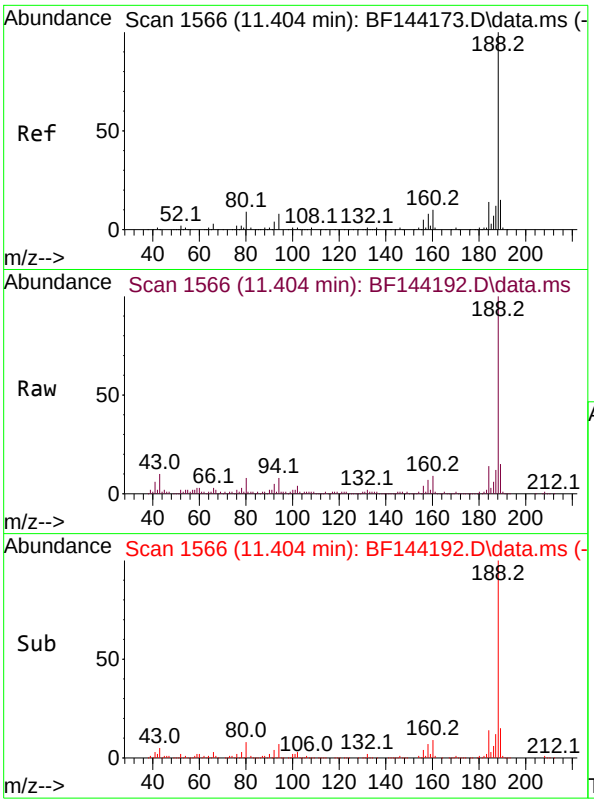


#45
2-Fluorobiphenyl
Concen: 86.432 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:172 Resp: 707859

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.6	18.6	28.0



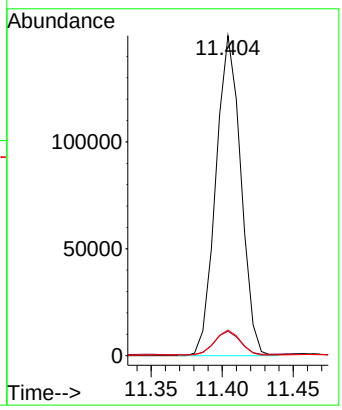


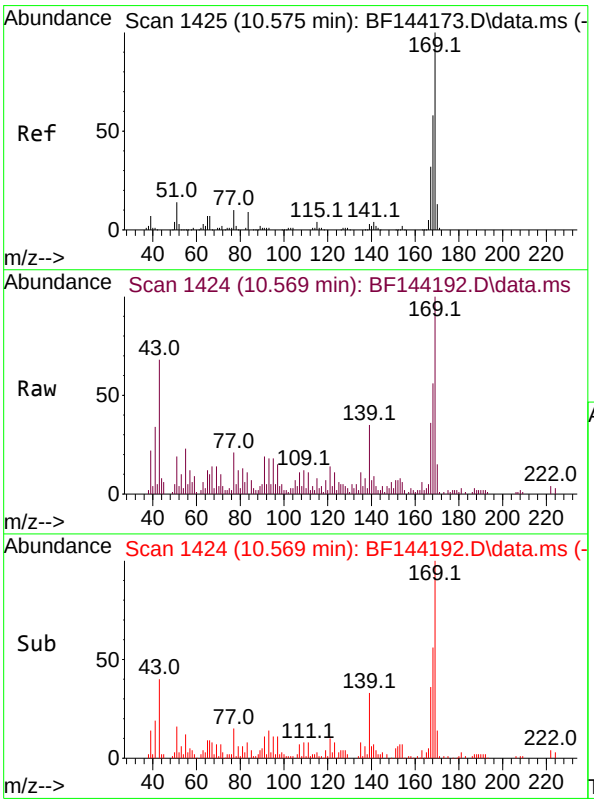
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:188 Resp: 183106

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.0	6.9	10.3

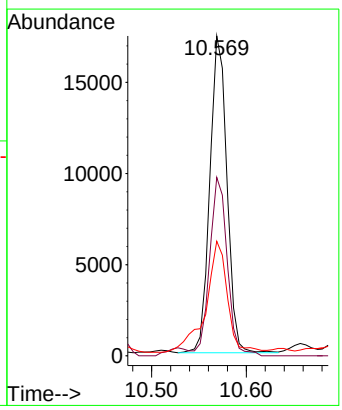


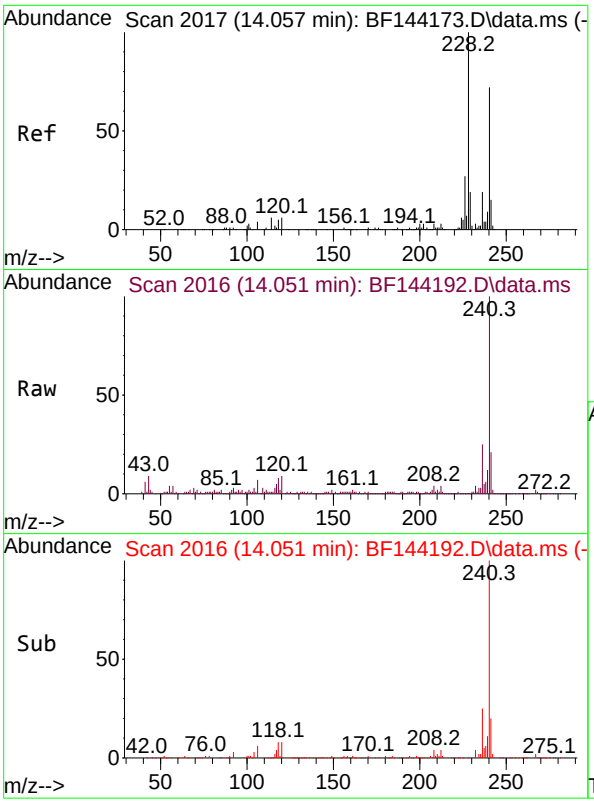


#66
n-Nitrosodiphenylamine
Concen: 3.707 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:169 Resp: 21832

Ion	Ratio	Lower	Upper
169	100		
168	55.8	46.2	69.2
167	35.8	25.7	38.5



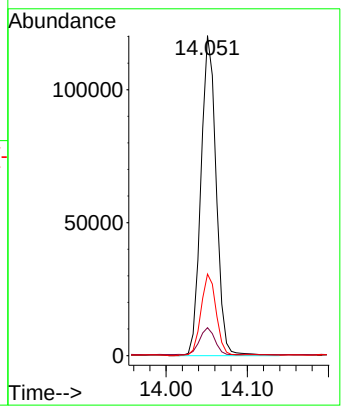


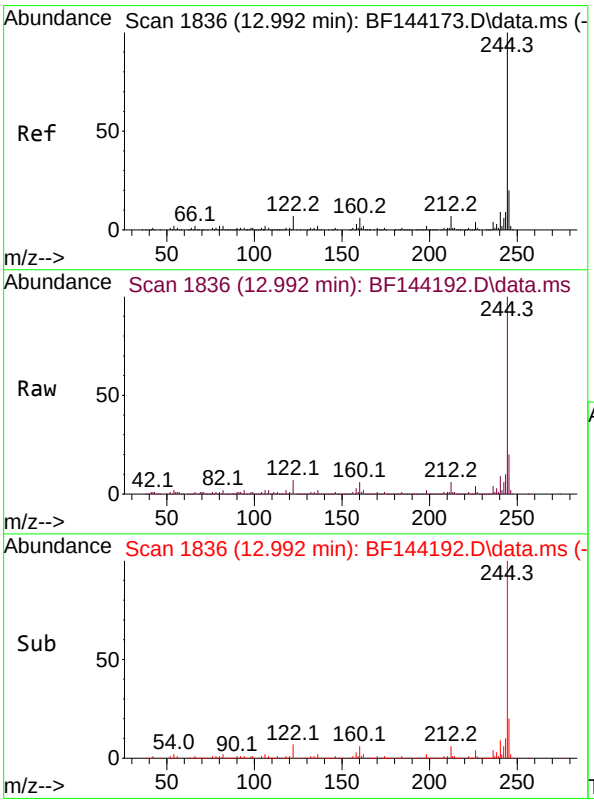
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:240 Resp: 157153

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	10.0
236	25.5	21.4	32.2

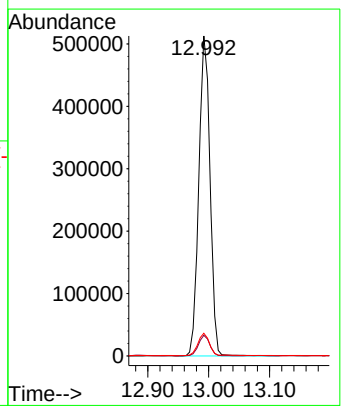


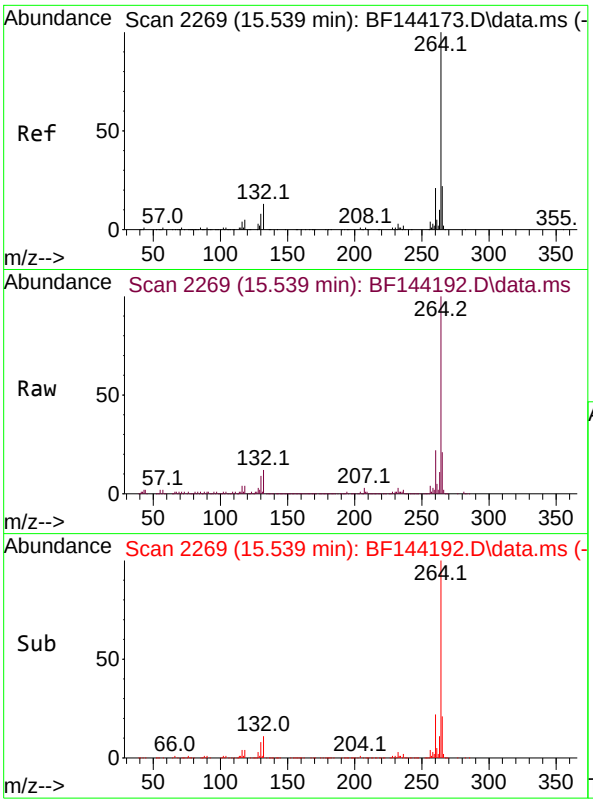


#79
Terphenyl-d14
Concen: 66.199 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Tgt Ion:244 Resp: 654961

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	7.1	5.6	8.4



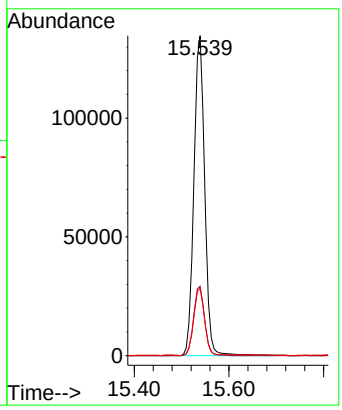


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144192.D
Acq: 06 Nov 2025 17:24

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Tgt Ion:264 Resp: 214152

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.1	25.7
265	21.0	17.4	26.0



Sample Results: **BF144192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144192.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	3	5	20	rVB	144898	209686	3.05%	0.537%
2	3.852	274	282	290	rVB	266298	461324	6.71%	1.182%
3	4.516	391	395	403	rVB	51544	77906	1.13%	0.200%
4	5.175	502	507	517	rVB	309923	425652	6.19%	1.090%
5	5.493	554	561	569	rBV	726092	996173	14.50%	2.551%
6	6.046	650	655	659	rBV	553751	717643	10.44%	1.838%
7	6.334	695	704	709	rBV	599976	785018	11.42%	2.011%
8	6.498	727	732	738	rBV	500989	650826	9.47%	1.667%
9	6.822	780	787	791	rVV2	41045	75289	1.10%	0.193%
10	6.869	791	795	801	rVV2	295870	447492	6.51%	1.146%
11	6.928	801	805	812	rVB2	70606	102258	1.49%	0.262%
12	7.051	819	826	832	rBV	732095	921791	13.41%	2.361%
13	7.116	832	837	841	rBV2	78978	102663	1.49%	0.263%
14	7.193	846	850	857	rVB	51668	88814	1.29%	0.227%
15	7.404	881	886	888	rBV2	301525	407084	5.92%	1.043%
16	7.434	888	891	901	rVB	935760	1287981	18.74%	3.299%
17	7.593	914	918	921	rVB2	71406	85172	1.24%	0.218%
18	7.640	921	926	930	rBV	163233	191208	2.78%	0.490%
19	7.687	930	934	938	rBV3	47406	77220	1.12%	0.198%
20	7.822	951	957	964	rBV	86081	131489	1.91%	0.337%
21	7.893	964	969	972	rBV3	222362	354723	5.16%	0.909%
22	7.928	972	975	983	rVB	513137	670743	9.76%	1.718%
23	8.151	1006	1013	1018	rBV	350286	503630	7.33%	1.290%
24	8.228	1022	1026	1030	rVB3	62675	84289	1.23%	0.216%
25	8.328	1039	1043	1051	rVB2	54887	94461	1.37%	0.242%
26	8.416	1052	1058	1060	rBV3	57137	100609	1.46%	0.258%
27	8.445	1060	1063	1067	rVB	84770	107976	1.57%	0.277%
28	8.510	1067	1074	1081	rBV5	31599	92883	1.35%	0.238%
29	8.581	1082	1086	1089	rBV	56723	75172	1.09%	0.193%
30	8.734	1104	1112	1118	rBV	3955875	6872210	100.00%	17.602%
31	8.787	1118	1121	1129	rVB7	38766	86852	1.26%	0.222%
32	8.934	1140	1146	1150	rBV3	112632	172276	2.51%	0.441%
33	9.039	1160	1164	1167	rBV3	109407	147594	2.15%	0.378%
34	9.234	1191	1197	1201	rBV	1463248	1923497	27.99%	4.927%
35	9.339	1209	1215	1220	rVB	2789269	3906627	56.85%	10.006%
36	9.634	1261	1265	1273	rVB2	501232	806705	11.74%	2.066%

Sample Results: **BF144192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.828	1293	1298	1300	rBV2	80954	128609	1.87%	0.329%
38	9.910	1304	1312	1318	rVB3	432760	667546	9.71%	1.710%
39	10.069	1334	1339	1341	rBV	76130	107264	1.56%	0.275%
40	10.104	1341	1345	1351	rVB	153956	213194	3.10%	0.546%
41	10.322	1378	1382	1386	rVB	140744	167166	2.43%	0.428%
42	10.434	1396	1401	1409	rVB	146963	228689	3.33%	0.586%
43	10.545	1413	1420	1422	rBV2	167482	260516	3.79%	0.667%
44	10.628	1429	1434	1435	rBV2	112862	142959	2.08%	0.366%
45	10.657	1435	1439	1442	rVV	394349	530233	7.72%	1.358%
46	10.704	1442	1447	1453	rVB2	949557	1349638	19.64%	3.457%
47	10.804	1459	1464	1465	rBV2	103235	138415	2.01%	0.355%
48	10.833	1465	1469	1476	rVV2	416672	664454	9.67%	1.702%
49	10.916	1476	1483	1488	rVV	813704	1108252	16.13%	2.839%
50	10.998	1494	1497	1501	rBV	80825	115379	1.68%	0.296%
51	11.081	1507	1511	1515	rVV2	61955	89251	1.30%	0.229%
52	11.128	1515	1519	1526	rVB3	323961	474777	6.91%	1.216%
53	11.233	1531	1537	1541	rBV	555476	786790	11.45%	2.015%
54	11.269	1541	1543	1551	rVB	251046	296161	4.31%	0.759%
55	11.404	1561	1566	1570	rBV	404121	507550	7.39%	1.300%
56	11.704	1612	1617	1623	rBV	137717	222456	3.24%	0.570%
57	11.928	1651	1655	1666	rBV4	69924	138436	2.01%	0.355%
58	12.045	1672	1675	1681	rVB	55357	69864	1.02%	0.179%
59	12.175	1692	1697	1699	rBV	187445	275526	4.01%	0.706%
60	12.198	1699	1701	1706	rVB	201561	222957	3.24%	0.571%
61	12.363	1726	1729	1738	rVB5	40210	90077	1.31%	0.231%
62	12.669	1778	1781	1786	rVB	109043	141820	2.06%	0.363%
63	12.880	1813	1817	1826	rVB	176541	248792	3.62%	0.637%
64	12.992	1831	1836	1841	rBV	1232175	1576654	22.94%	4.038%
65	13.551	1927	1931	1934	rBV2	80393	104474	1.52%	0.268%
66	13.586	1934	1937	1947	rVB	98688	123519	1.80%	0.316%
67	13.751	1961	1965	1968	rBV2	115419	175724	2.56%	0.450%
68	14.051	2012	2016	2024	rVB	343497	467083	6.80%	1.196%
69	14.222	2040	2045	2052	rVB	509939	690276	10.04%	1.768%
70	14.686	2117	2124	2138	rVB	890063	1582868	23.03%	4.054%
71	15.498	2257	2262	2265	rBV	104670	174112	2.53%	0.446%
72	15.539	2265	2269	2280	rVB	329023	518627	7.55%	1.328%

Sum of corrected areas: 39043044

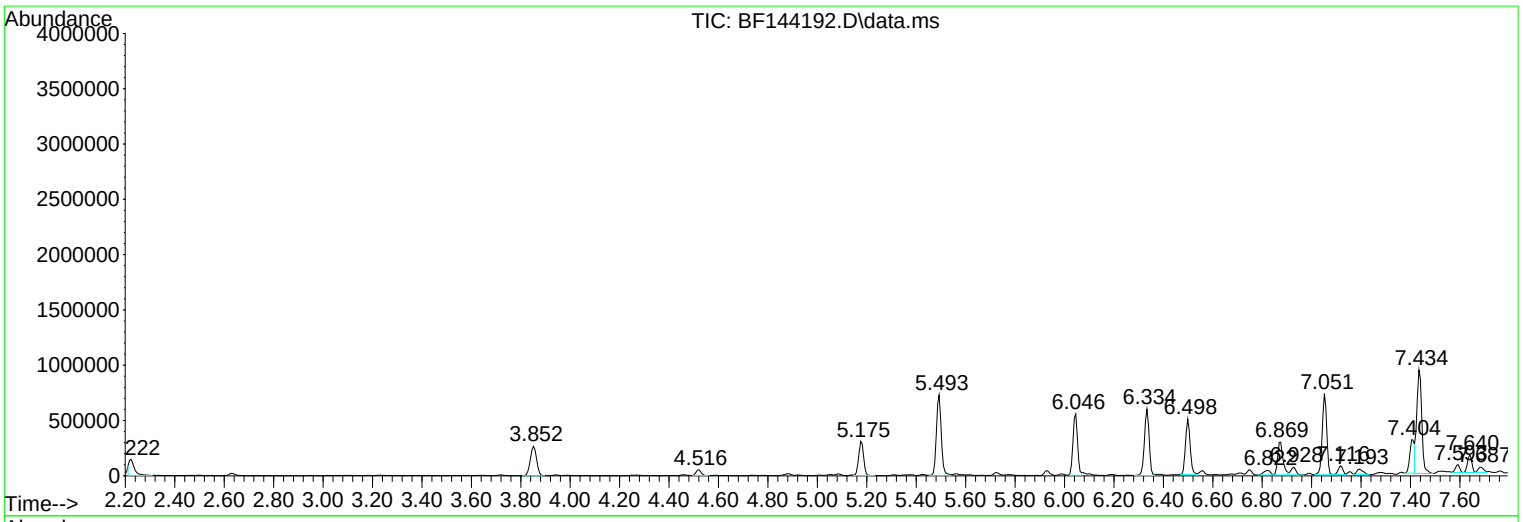
Sample Results: **BF144192.D**

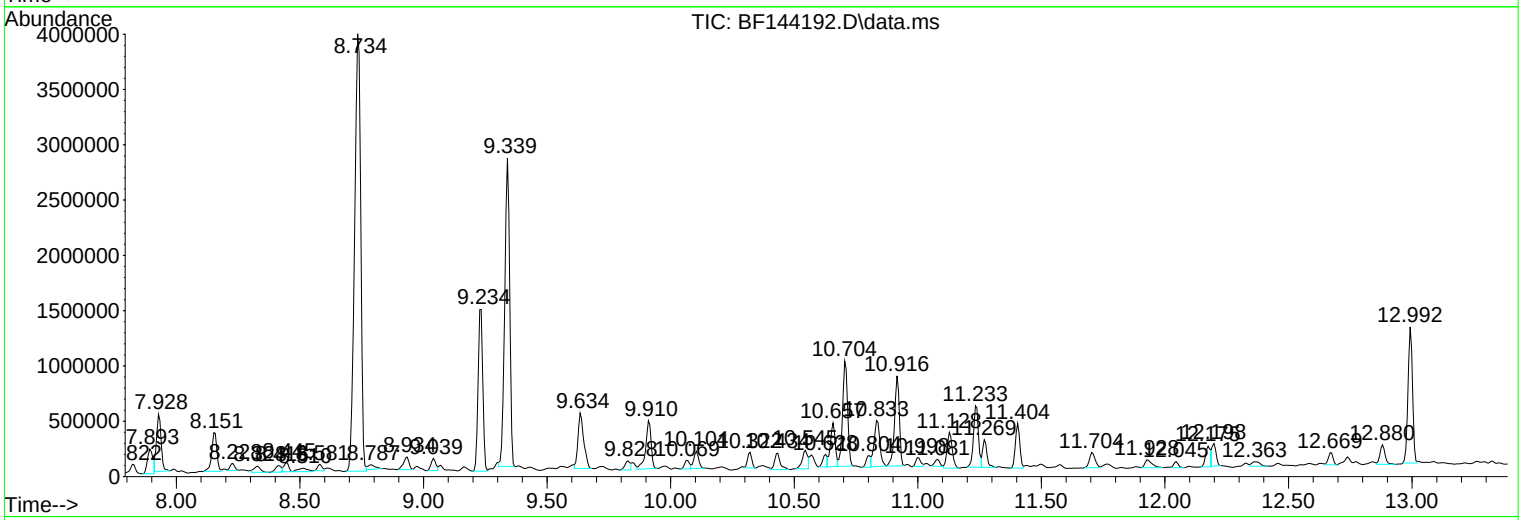
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

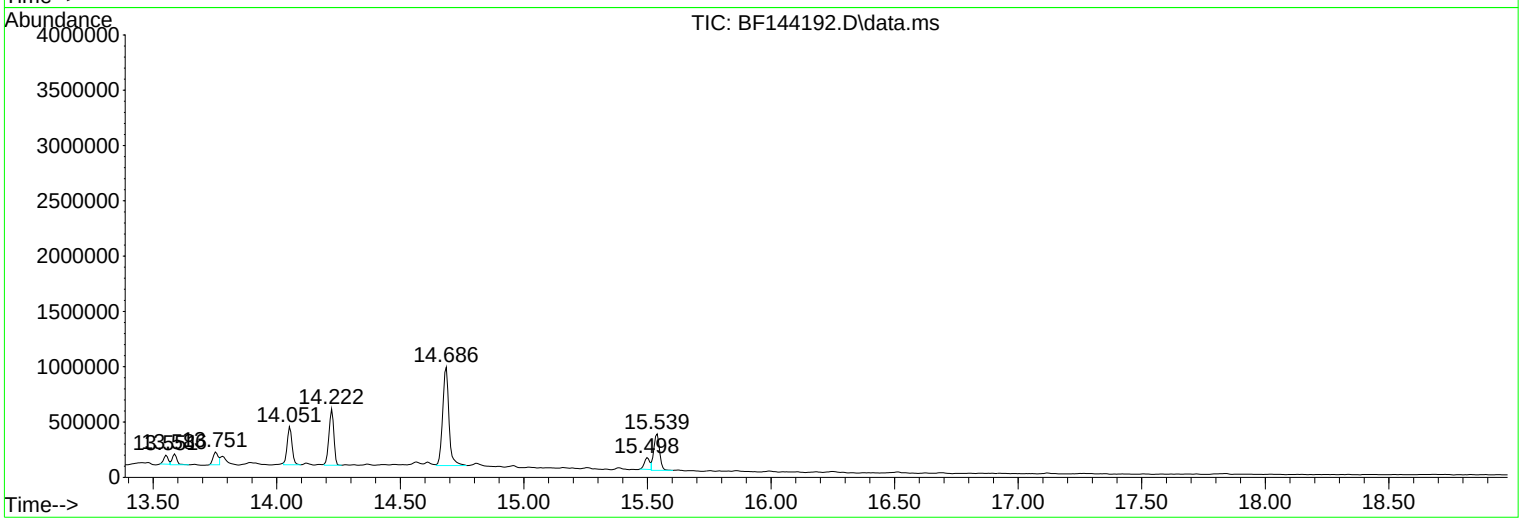
Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

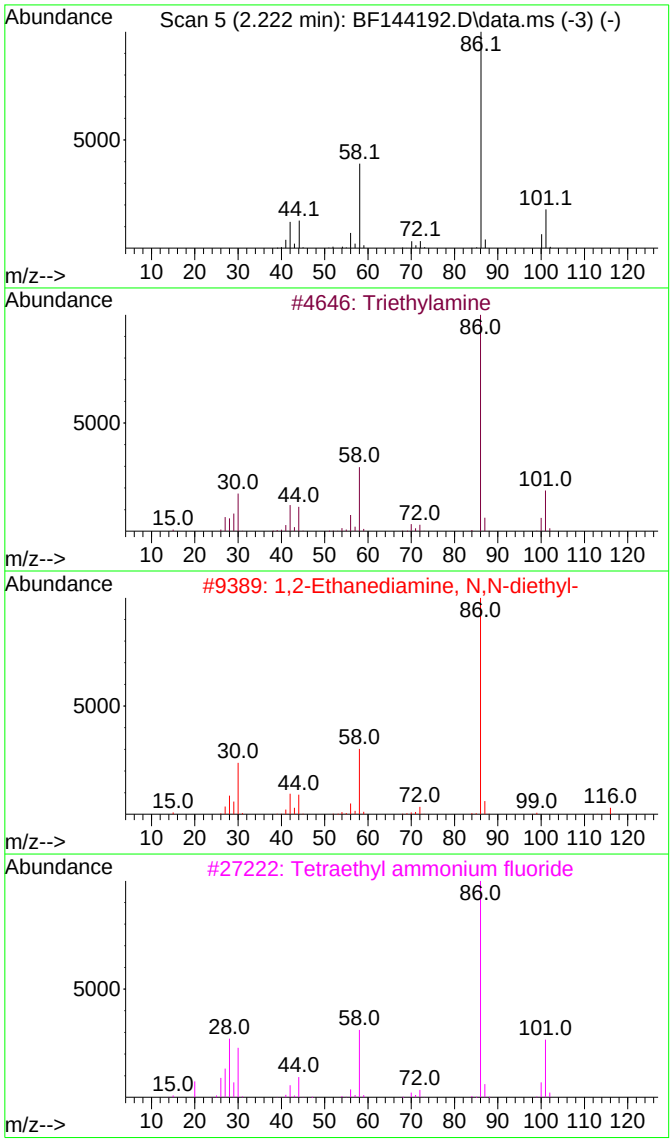
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

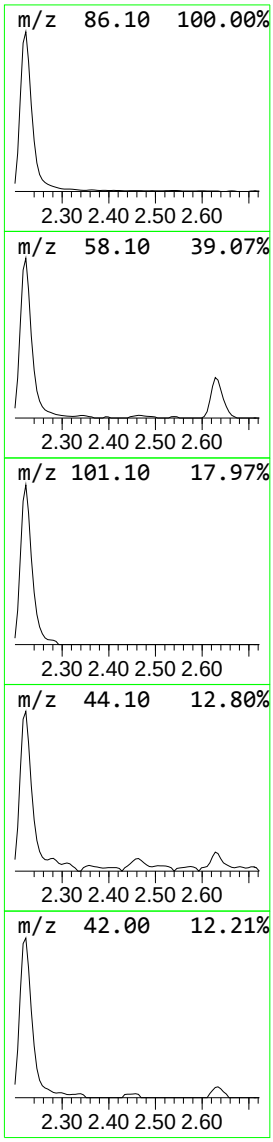
****

Peak Number 1 Triethylamine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	9.37 ng	209686	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	91
2	1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	72
3	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	64
4	1,2-Ethanediamine, N,N-diethyl-N...	130	C7H18N2	000104-79-0	64
5	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

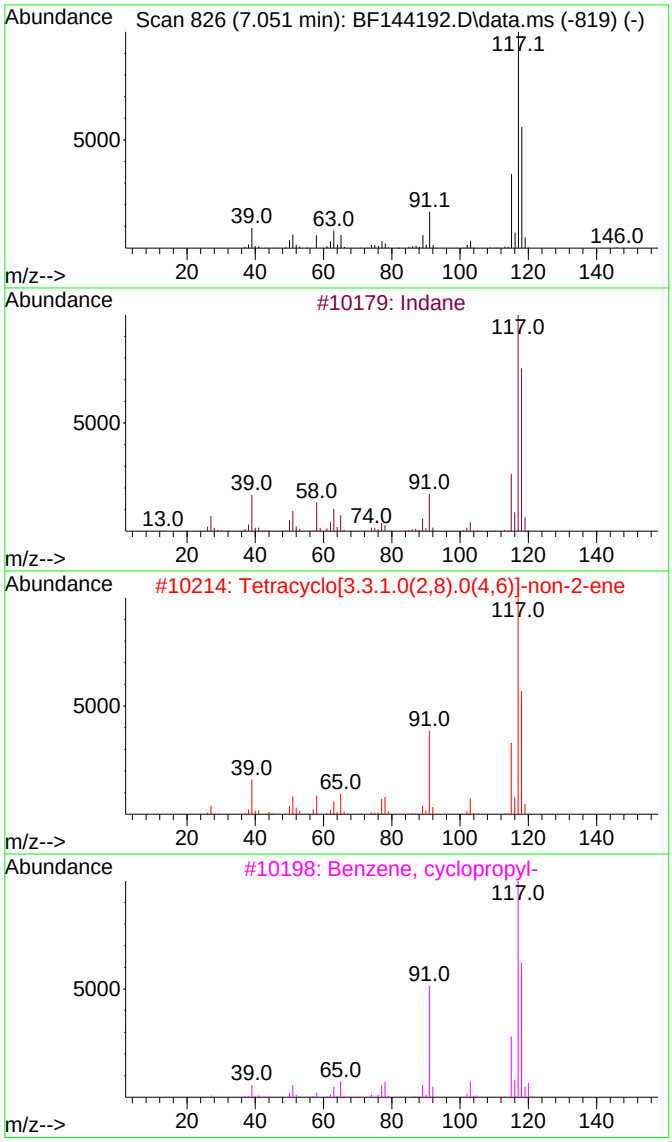
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

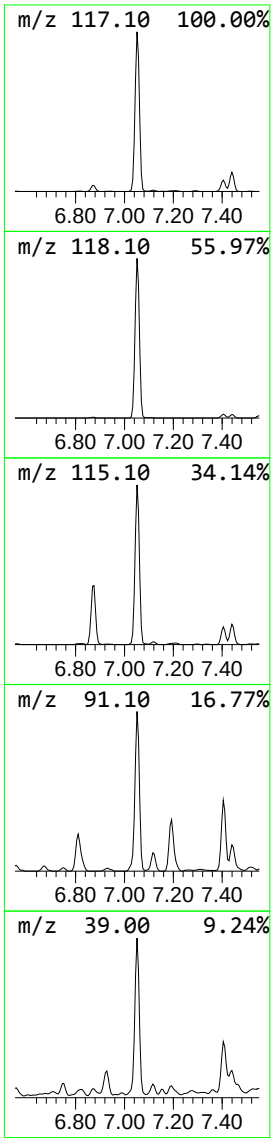
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	41.20 ng	921791	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

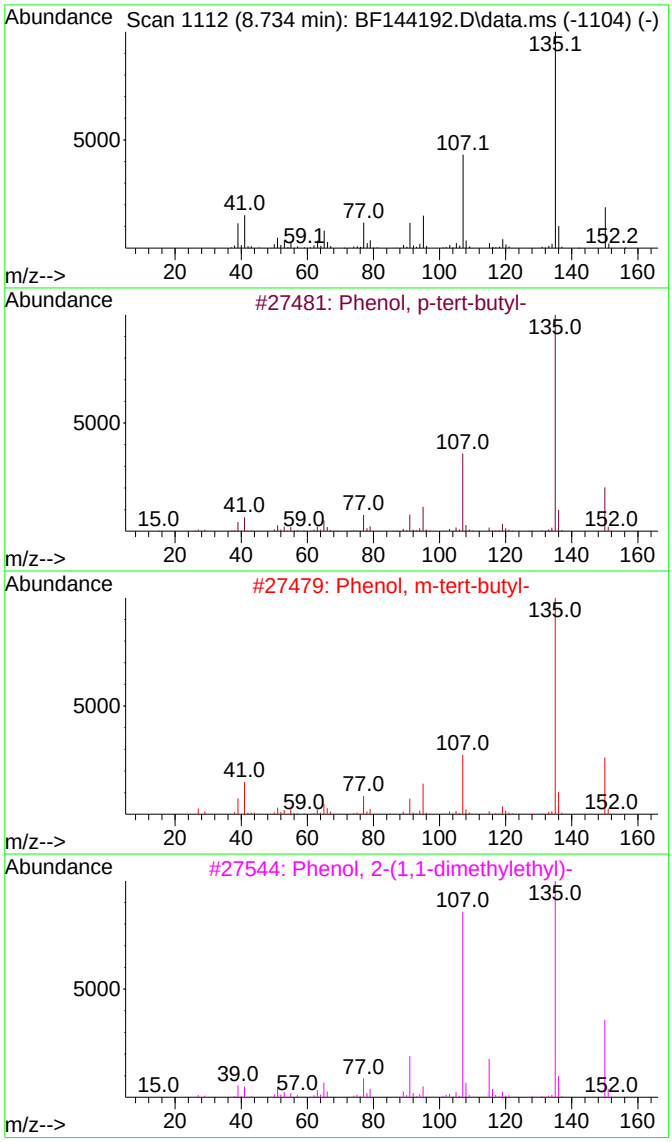
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

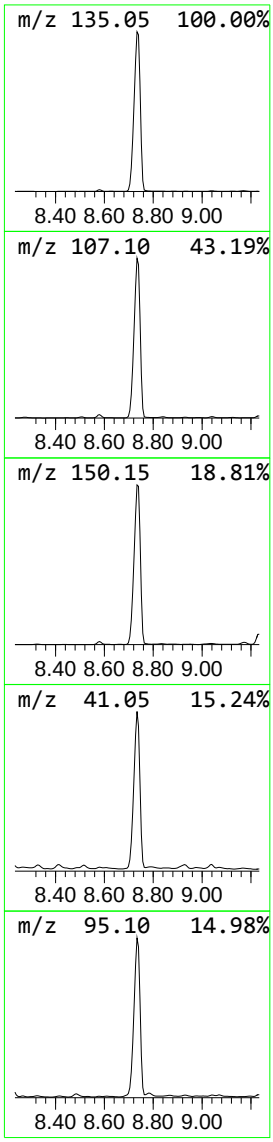
****

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	272.91 ng	6872210	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	74
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	58
5	5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

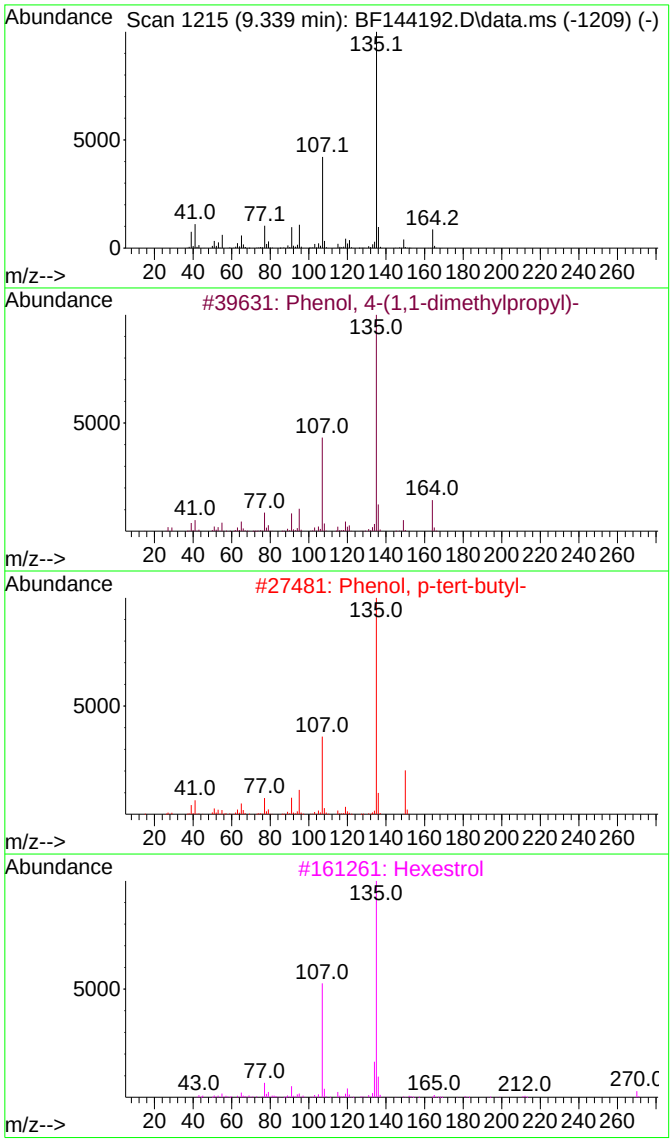
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

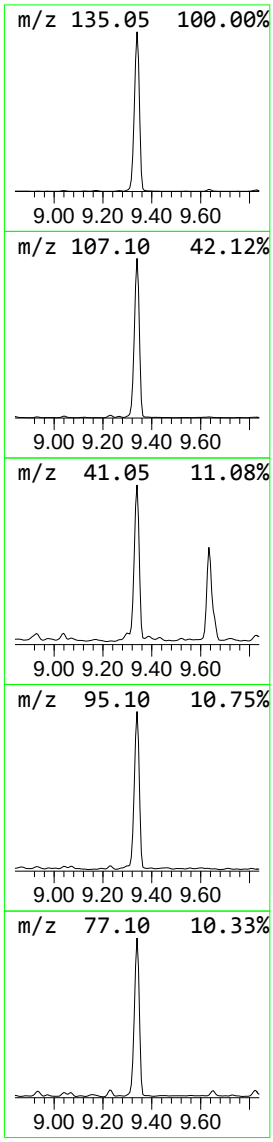
****

Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	117.04 ng	3906630	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64





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Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

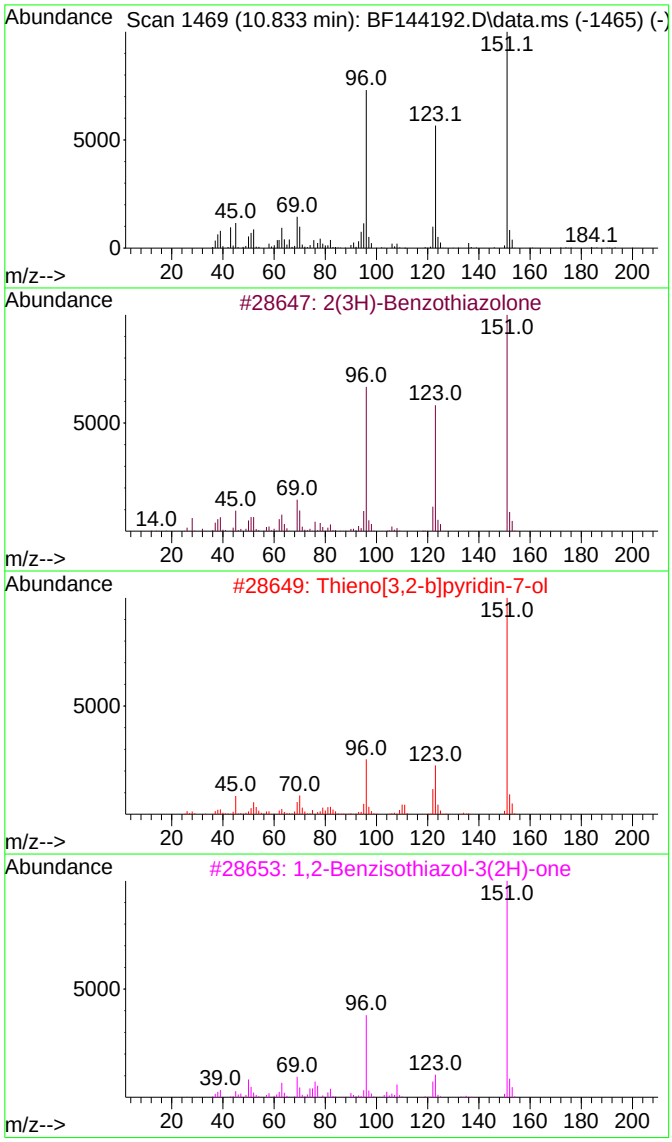
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

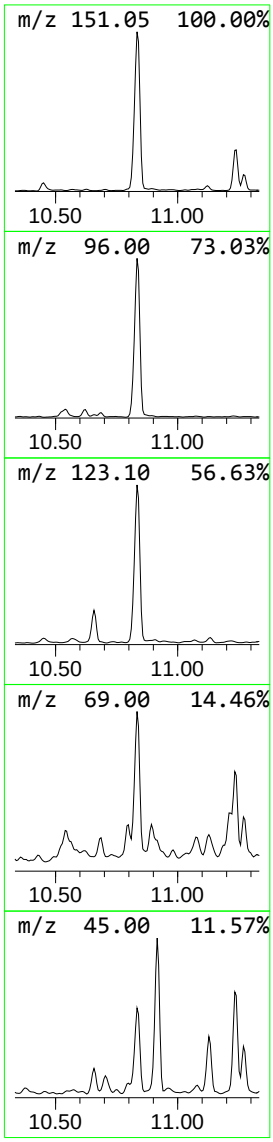
****

Peak Number 12 2(3H)-Benzothiazolone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	26.18 ng	664454	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	58
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	49
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
5	2-Cyano-3-fluorophenylhydrazine	151	C7H6FN3	1000131-91-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

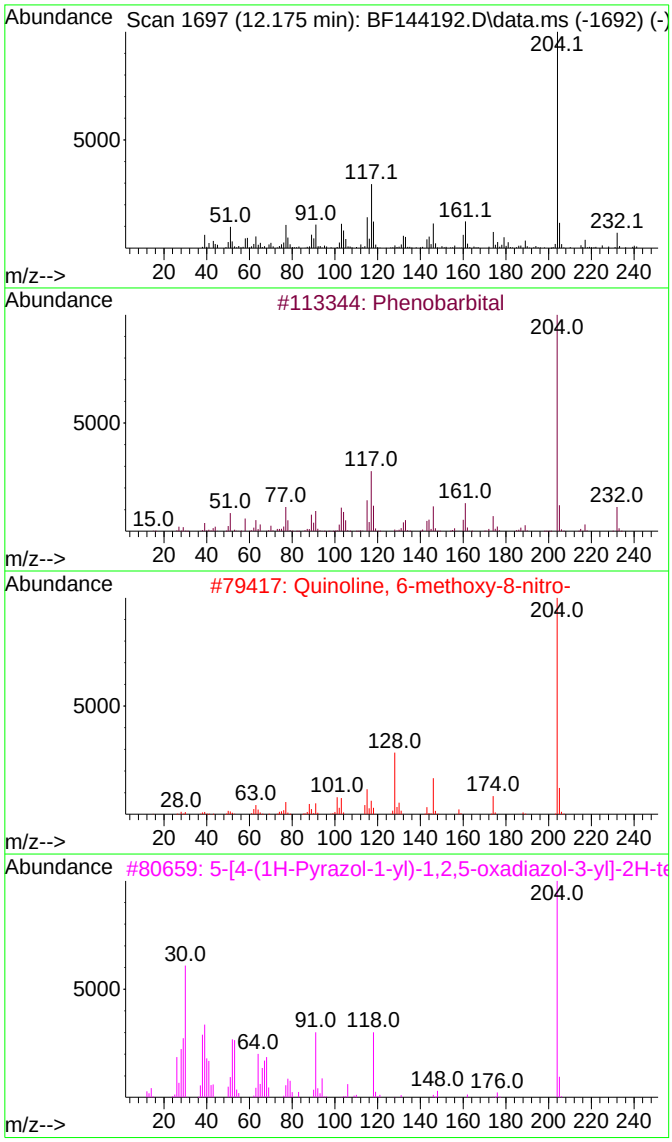
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

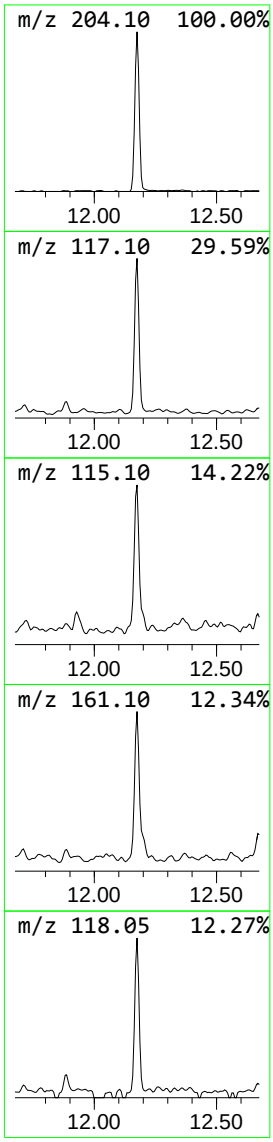
****

Peak Number 17 Phenobarbital Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	10.86 ng	275526	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenobarbital	232	C12H12N2O3	000050-06-6	96
2	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	52
3	5-[4-(1H-Pyrazol-1-yl)-1,2,5-oxa...	204	C6H4N8O	1000460-43-6	47
4	2-Methyl-6-nitro-4-quinolinol	204	C10H8N2O3	001207-82-5	47
5	6-Hydroxy-8-nitrolepidine	204	C10H8N2O3	1000213-59-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

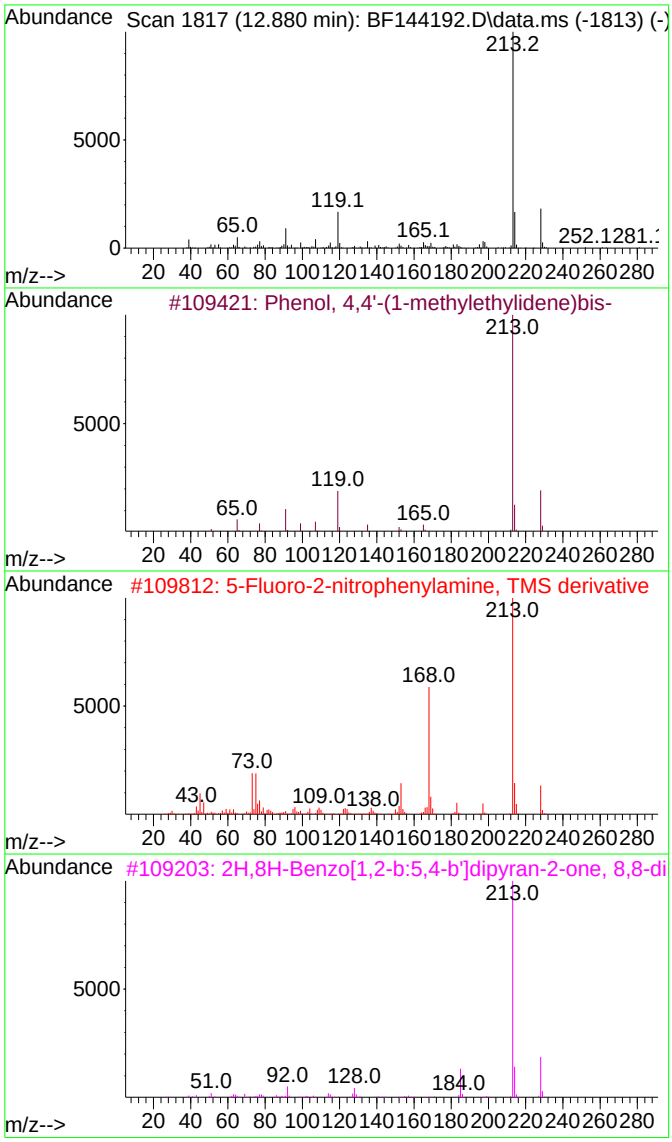
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

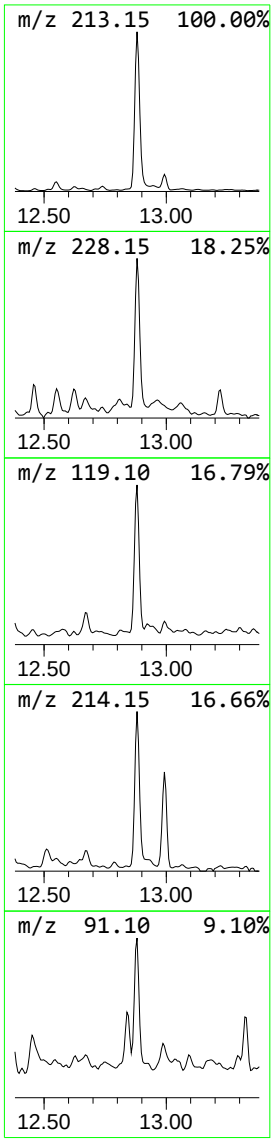
****

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	10.65 ng	248792	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
4	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	59
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144192.D
Acq On : 06 Nov 2025 17:24
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Triethylamine	2.222	9.4	ng	209686	1	6.875	447492	20.0
Indane	7.051	41.2	ng	921791	1	6.875	447492	20.0
Phenol, p-tert-...	8.734	272.9	ng	6872210	2	8.157	503630	20.0
Phenol, 4-(1,1-...	9.339	117.0	ng	3906630	3	9.910	667546	20.0
2(3H)-Benzothia...	10.834	26.2	ng	664454	4	11.404	507550	20.0
Phenobarbital	12.175	10.9	ng	275526	4	11.404	507550	20.0
Phenol, 4,4'-(1...	12.880	10.7	ng	248792	5	14.051	467083	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Time: Nov 07 01:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

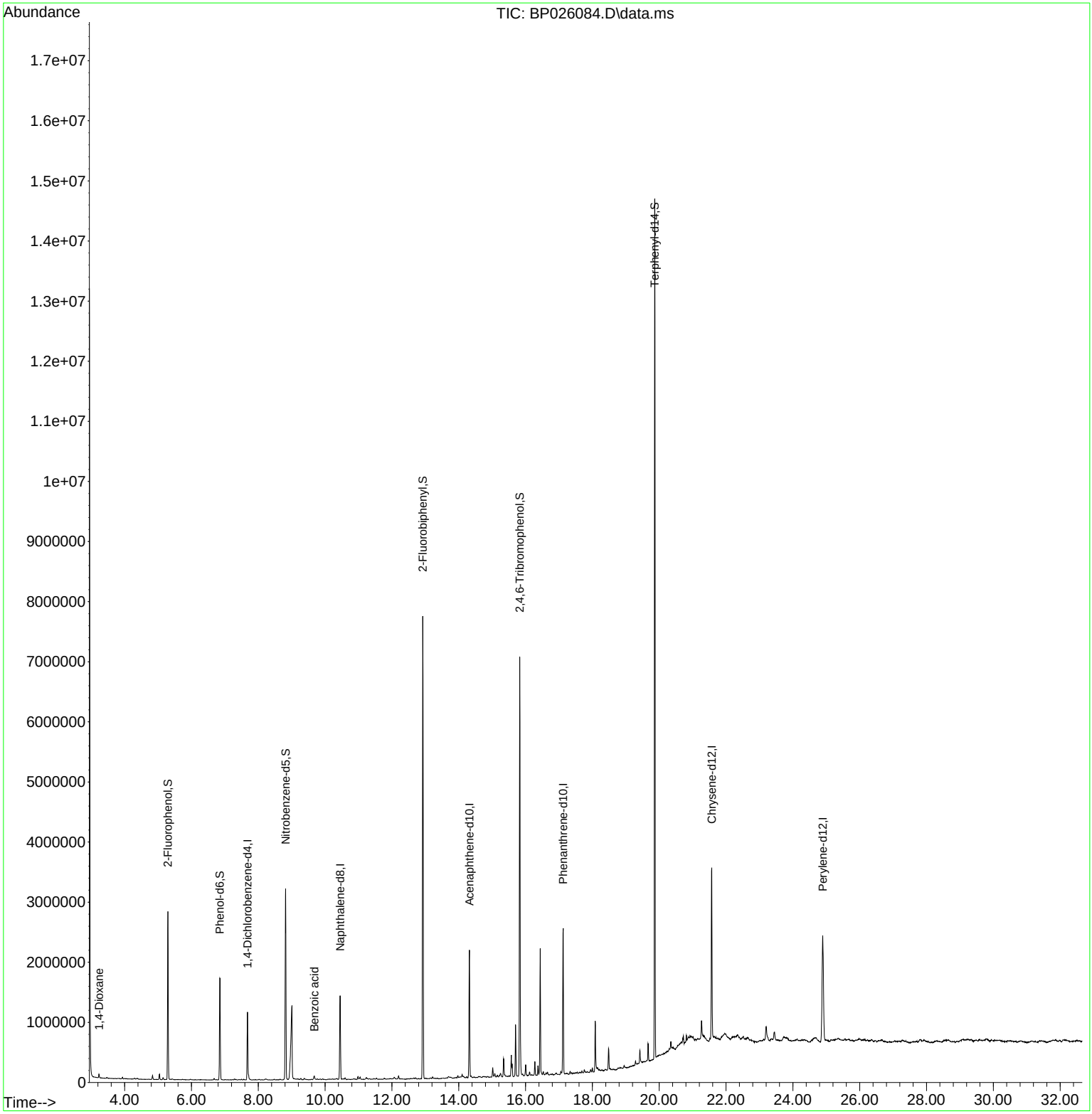
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	311269	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1204036	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734309	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1476005	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1673935	20.000	ng	0.00
86) Perylene-d12	24.895	264	1952856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1208679	64.074	ng	0.00
7) Phenol-d6	6.849	99	1017253	42.368	ng	0.00
23) Nitrobenzene-d5	8.819	82	1756493	90.944	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1265917	159.464	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4039177	79.040	ng	0.00
79) Terphenyl-d14	19.866	244	6548074	79.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	28071	3.530	ng	# 85
32) Benzoic acid	9.678	122	23950	6.009	ng	98

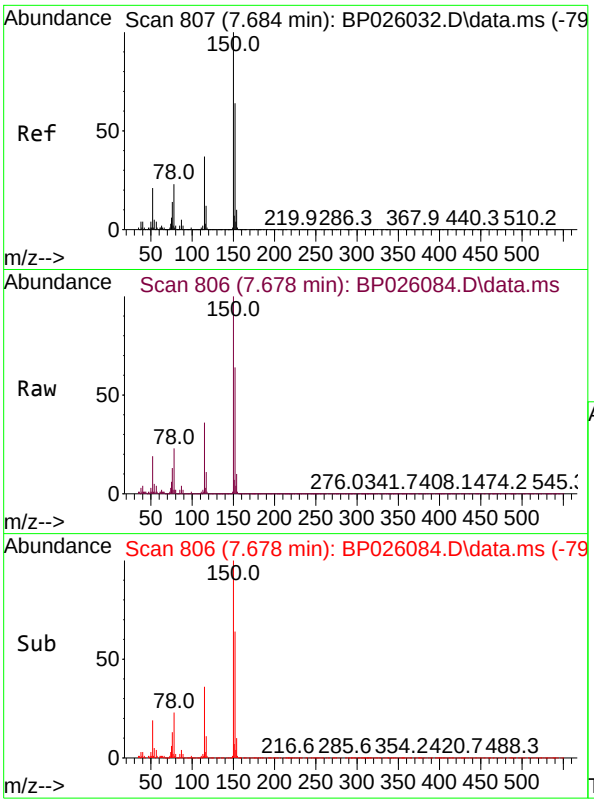
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Time: Nov 07 01:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



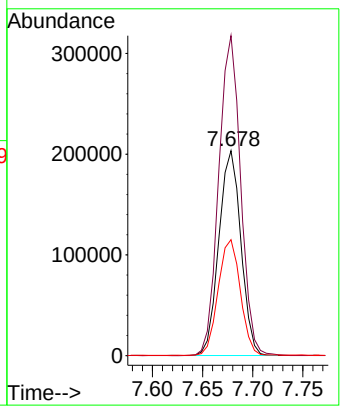


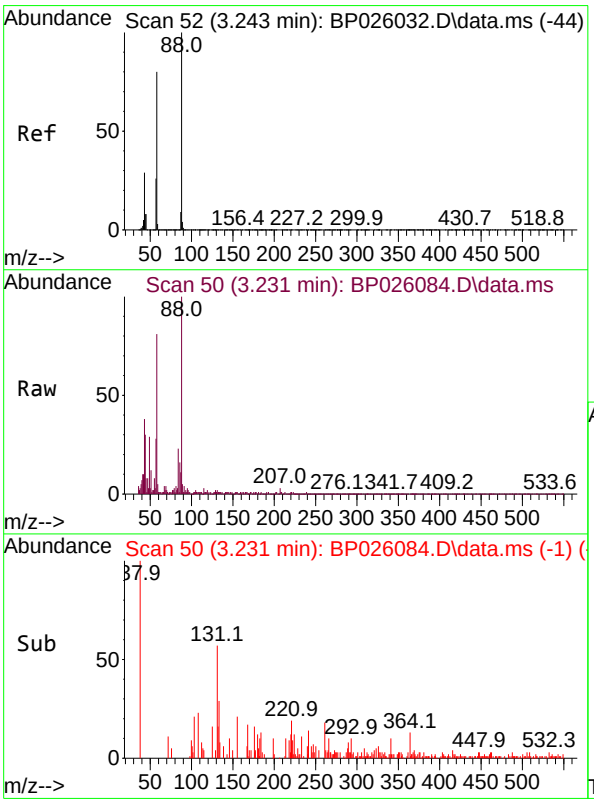
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:152 Resp: 311269

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	56.6	46.4	69.6

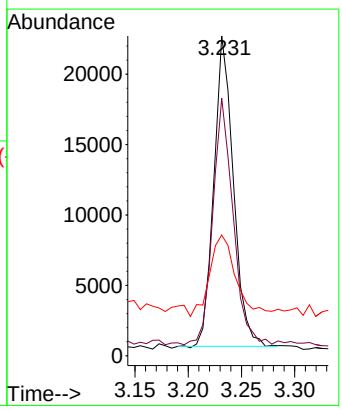


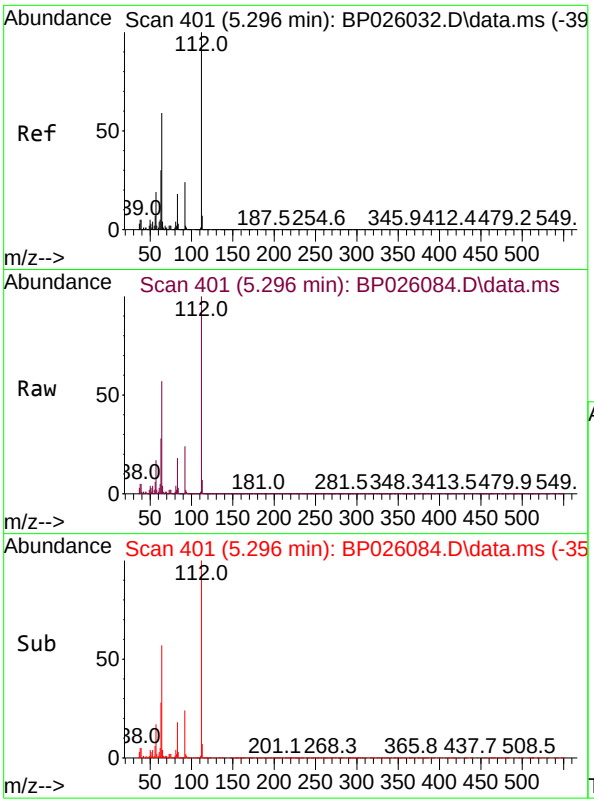


#2
1,4-Dioxane
Concen: 3.530 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 88 Resp: 28071

Ion	Ratio	Lower	Upper
88	100		
58	82.3	65.4	98.0
43	0.0	23.1	34.7#



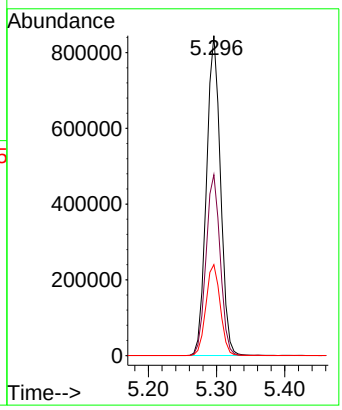


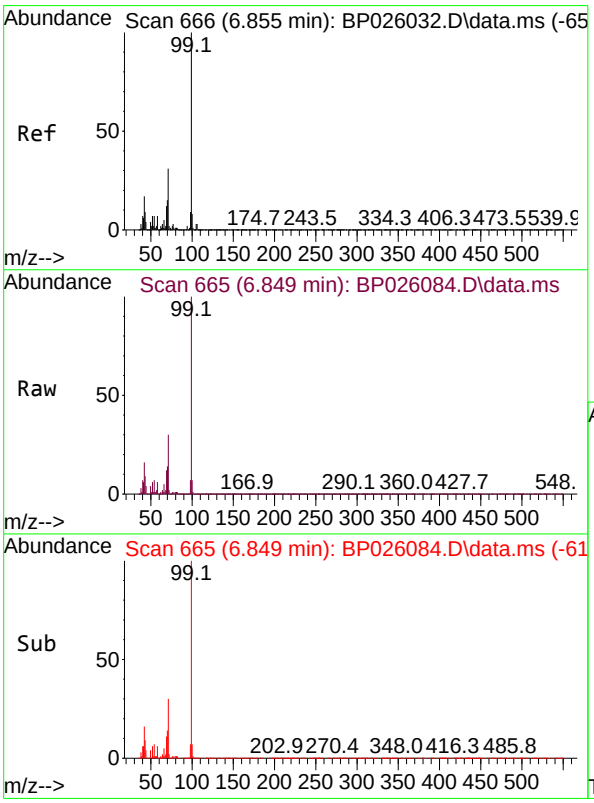
#5
2-Fluorophenol
Concen: 64.074 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:112 Resp: 1208679

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.4	71.2
63	28.4	24.2	36.4

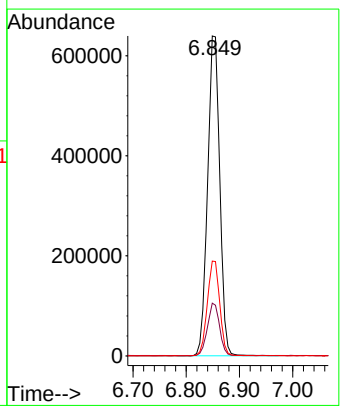


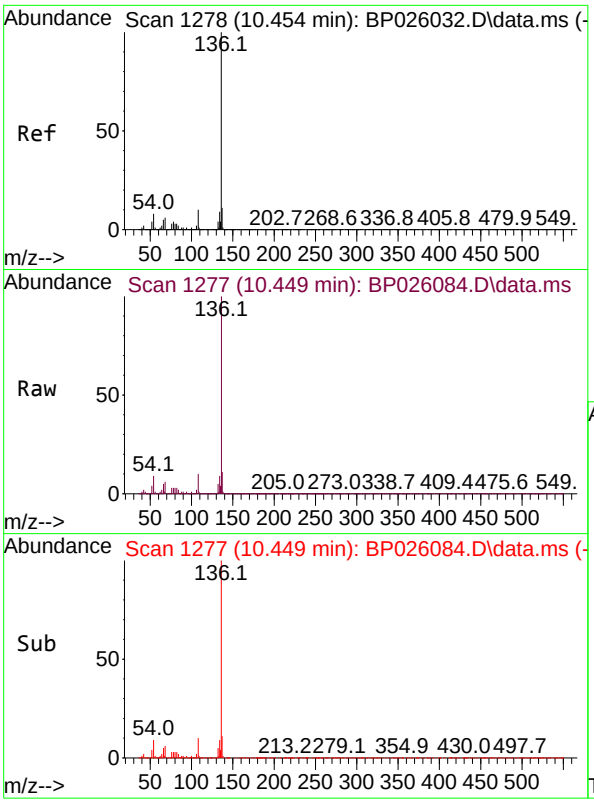


#7
Phenol-d6
Concen: 42.368 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 99 Resp: 1017253

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	29.6	24.4	36.6



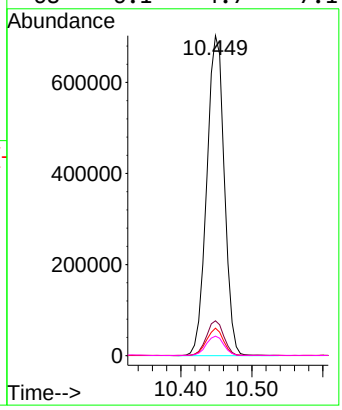


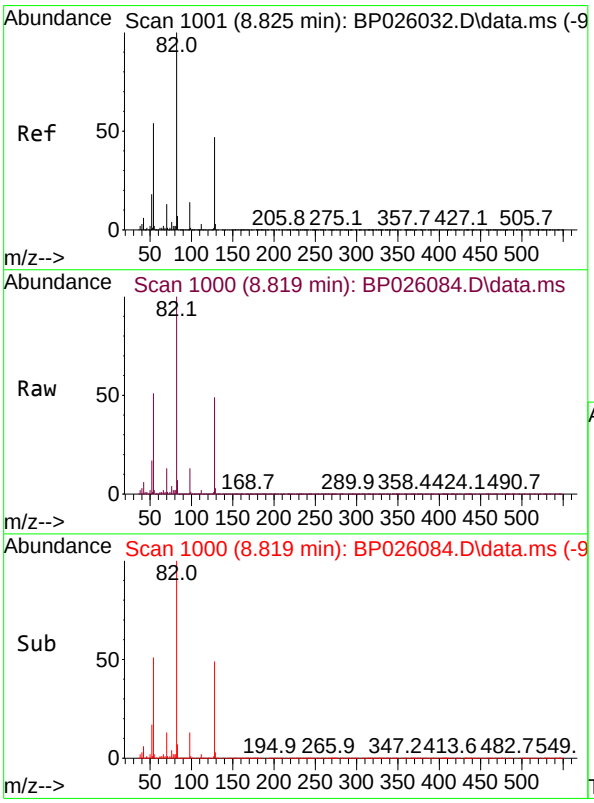
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:136 Resp: 1204036

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.6	10.0
68	6.1	4.7	7.1

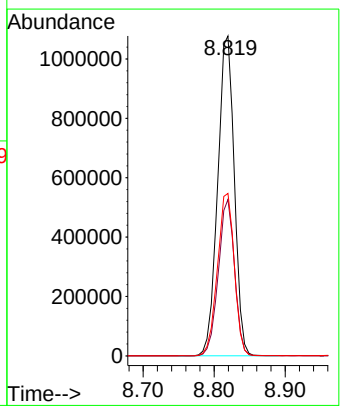


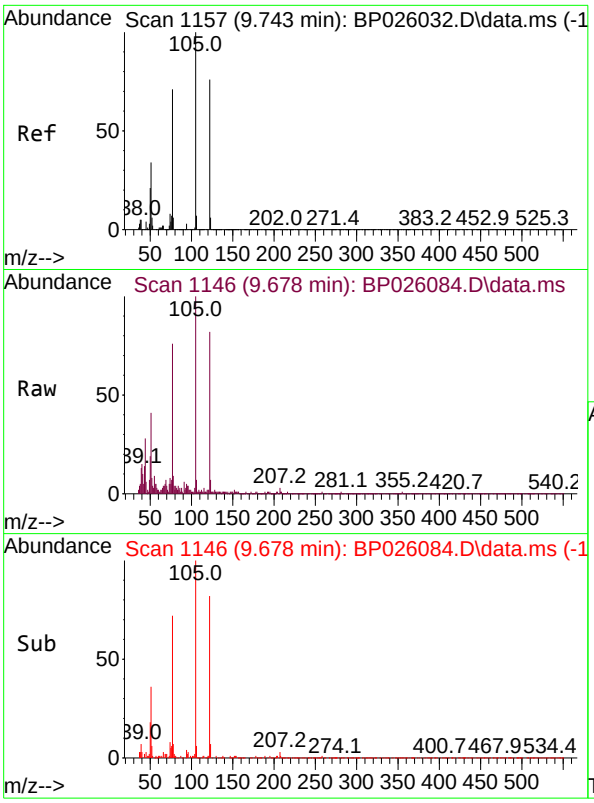


#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion: 82 Resp: 1756493

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	50.8	42.7	64.1



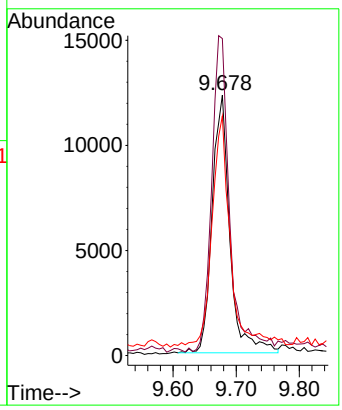


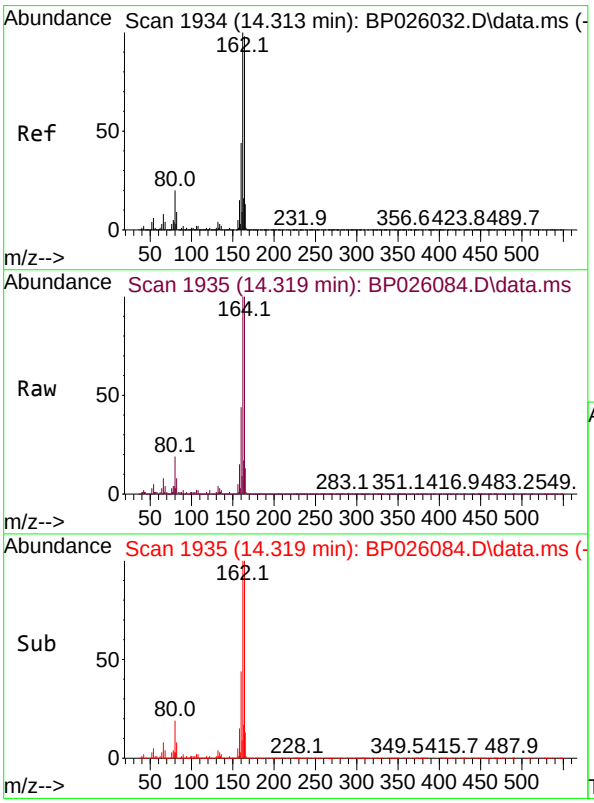
#32
Benzoic acid
Concen: 6.009 ng
RT: 9.678 min Scan# 11
Delta R.T. -0.100 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:122 Resp: 23950

Ion	Ratio	Lower	Upper
122	100		
105	121.7	104.8	144.8
77	92.0	70.9	110.9

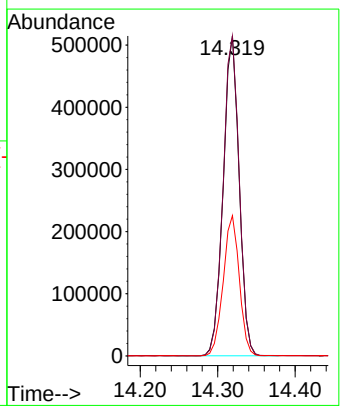


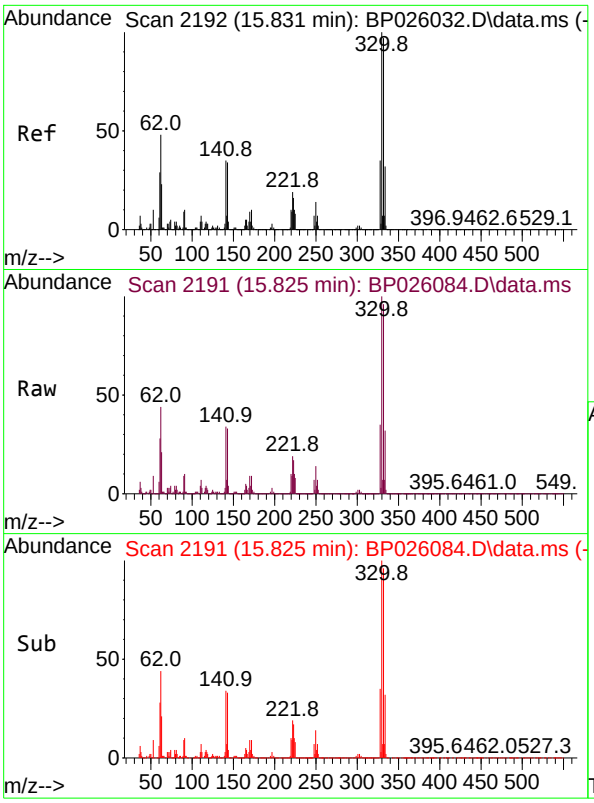


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:164 Resp: 734309

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.5	122.3
160	43.9	36.2	54.4



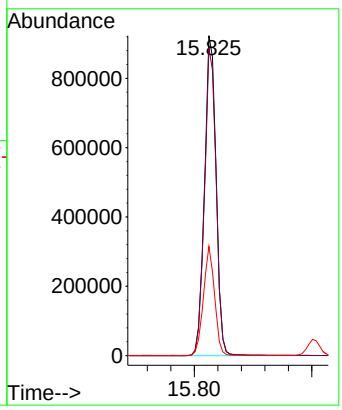


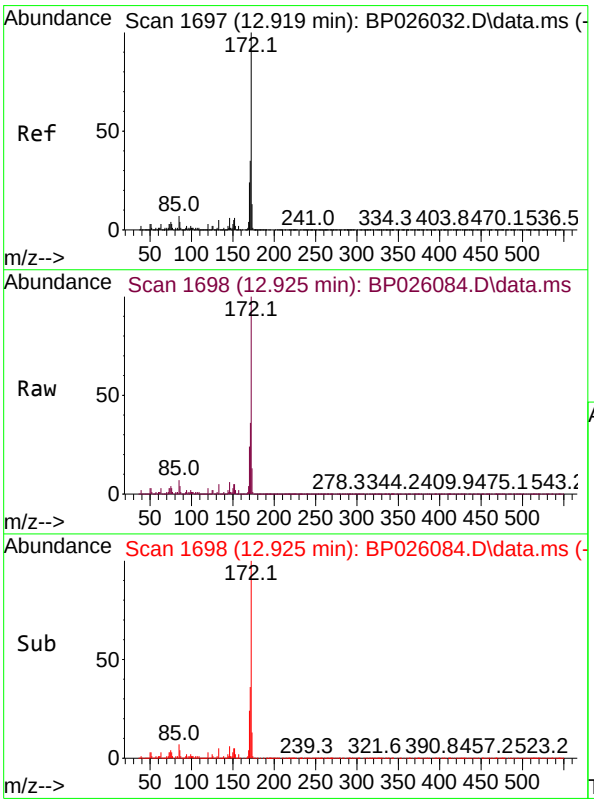
#42
2,4,6-Tribromophenol
Concen: 159.464 ng
RT: 15.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:330 Resp: 1265917

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.7	28.6	42.8

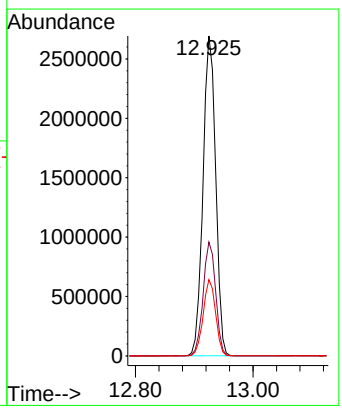


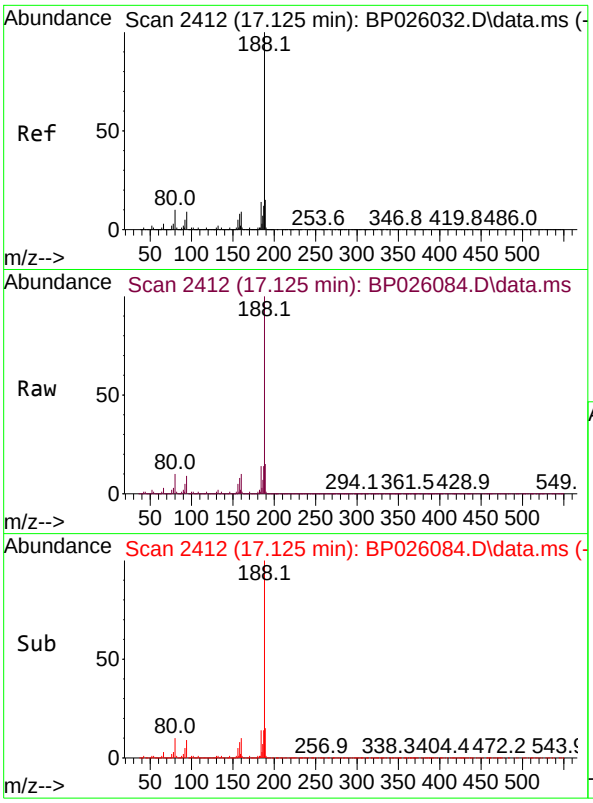


#45
2-Fluorobiphenyl
Concen: 79.040 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:172 Resp: 4039177

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.8	19.0	28.4



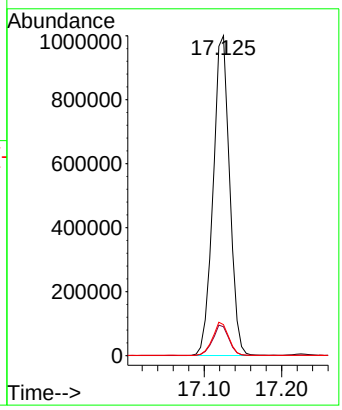


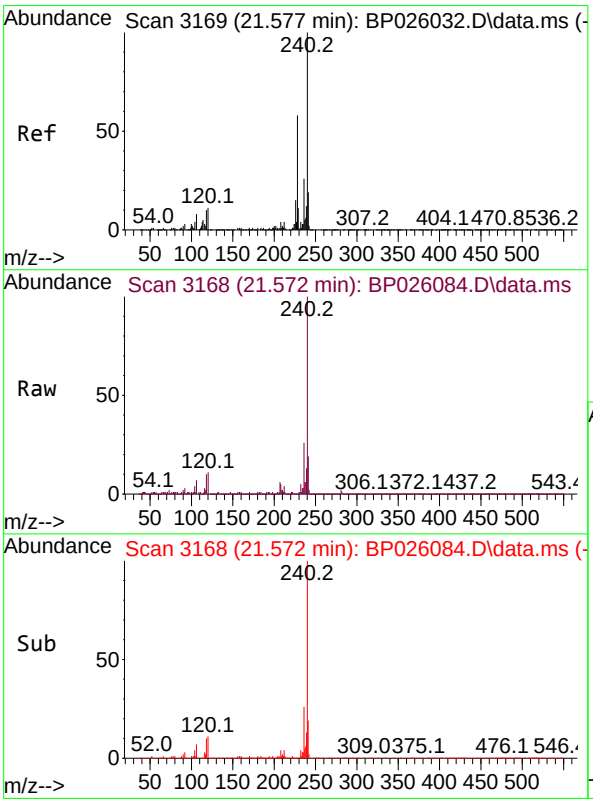
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:188 Resp: 1476005

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.7	7.9	11.9

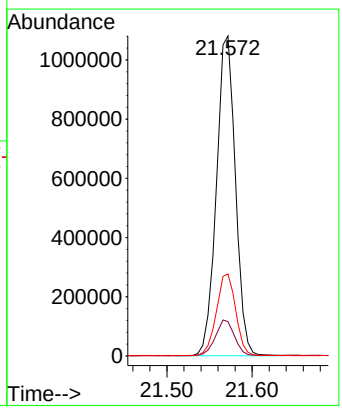


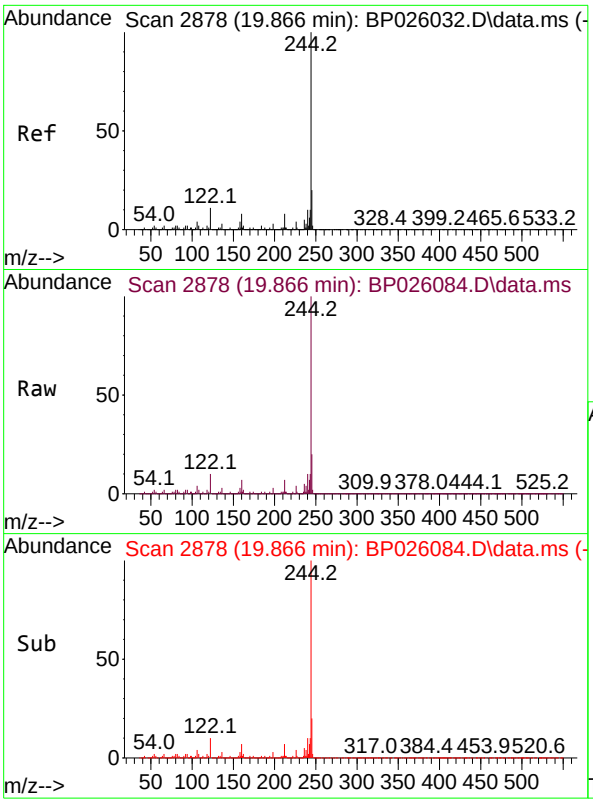


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:240 Resp: 1673935

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	20.6	31.0



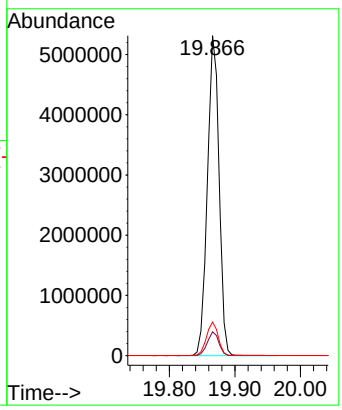


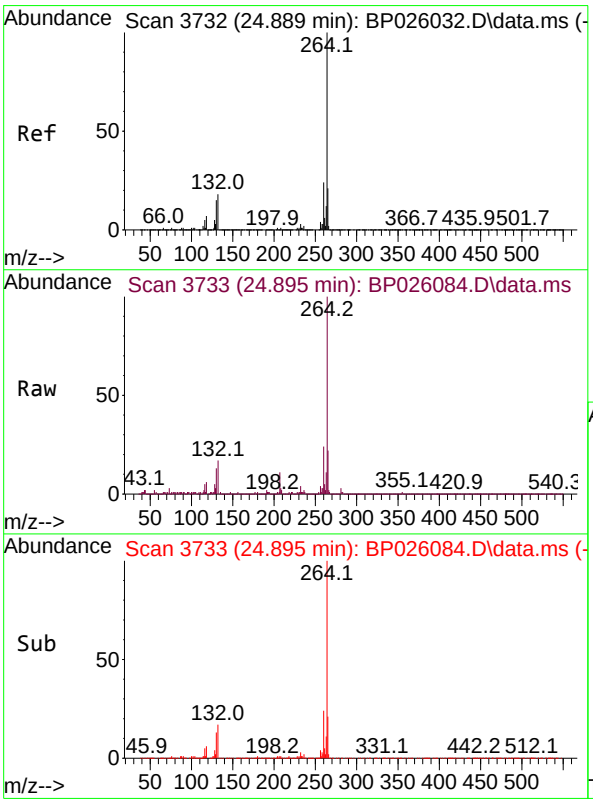
#79
Terphenyl-d14
Concen: 79.475 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Tgt Ion:244 Resp: 6548074

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.5	9.0	13.6

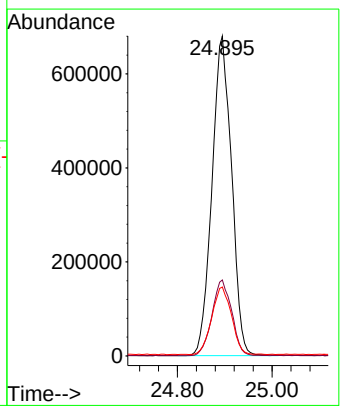




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP026084.D
Acq: 06 Nov 2025 19:48

Tgt Ion:264 Resp: 1952856

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.5	17.2	25.8



Sample Results: **BP026084.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2796871	4048681	23.01%	4.833%
2	6.849	658	665	675	rBV	1695173	2752932	15.64%	3.287%
3	7.678	798	806	824	rVB	1129024	1873663	10.65%	2.237%
4	8.819	992	1000	1009	rBV	3172683	5173099	29.40%	6.176%
5	9.008	1012	1032	1040	rBV	1231081	3532418	20.07%	4.217%
6	10.449	1270	1277	1284	rBV	1392306	2370314	13.47%	2.830%
7	12.925	1691	1698	1706	rBV	7696742	11383768	64.69%	13.590%
8	14.319	1927	1935	1941	rBV	2128399	3156599	17.94%	3.768%
9	15.019	2047	2054	2059	rBV	152879	260248	1.48%	0.311%
10	15.343	2104	2109	2121	rBV	303676	539576	3.07%	0.644%
11	15.572	2143	2148	2151	rBV	354362	488882	2.78%	0.584%
12	15.601	2151	2153	2158	rVB	207314	209866	1.19%	0.251%
13	15.701	2164	2170	2179	rVB	854913	1147721	6.52%	1.370%
14	15.825	2185	2191	2202	rBV	6971070	9776480	55.56%	11.672%
15	16.001	2217	2221	2227	rVB	177805	251041	1.43%	0.300%
16	16.278	2264	2268	2273	rVB	230369	303333	1.72%	0.362%
17	16.372	2280	2284	2288	rBV	160498	215237	1.22%	0.257%
18	16.437	2288	2295	2300	rBV	2091984	2782099	15.81%	3.321%
19	17.125	2405	2412	2420	rVB	2425255	3600897	20.46%	4.299%
20	18.084	2570	2575	2583	rBV	846769	1291907	7.34%	1.542%
21	18.484	2638	2643	2649	rBV	346618	546453	3.11%	0.652%
22	19.419	2799	2802	2812	rBV	201342	304437	1.73%	0.363%
23	19.666	2841	2844	2850	rVB	291658	358011	2.03%	0.427%
24	19.866	2873	2878	2884	rBV	14301037	17596876	100.00%	21.008%
25	21.266	3113	3116	3125	rVB2	263633	384213	2.18%	0.459%
26	21.572	3162	3168	3178	rBV2	2829743	4459858	25.34%	5.324%
27	24.895	3724	3733	3745	rVB	1737157	4954677	28.16%	5.915%

Sum of corrected areas: 83763286

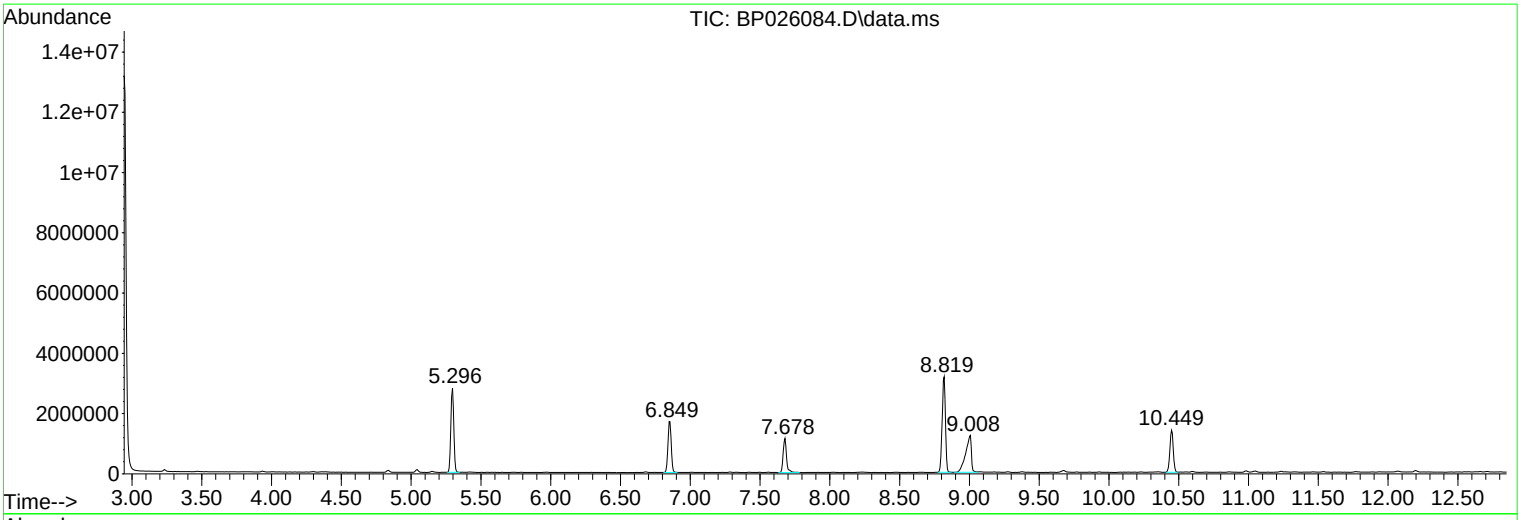
Sample Results: **BP026084.D**

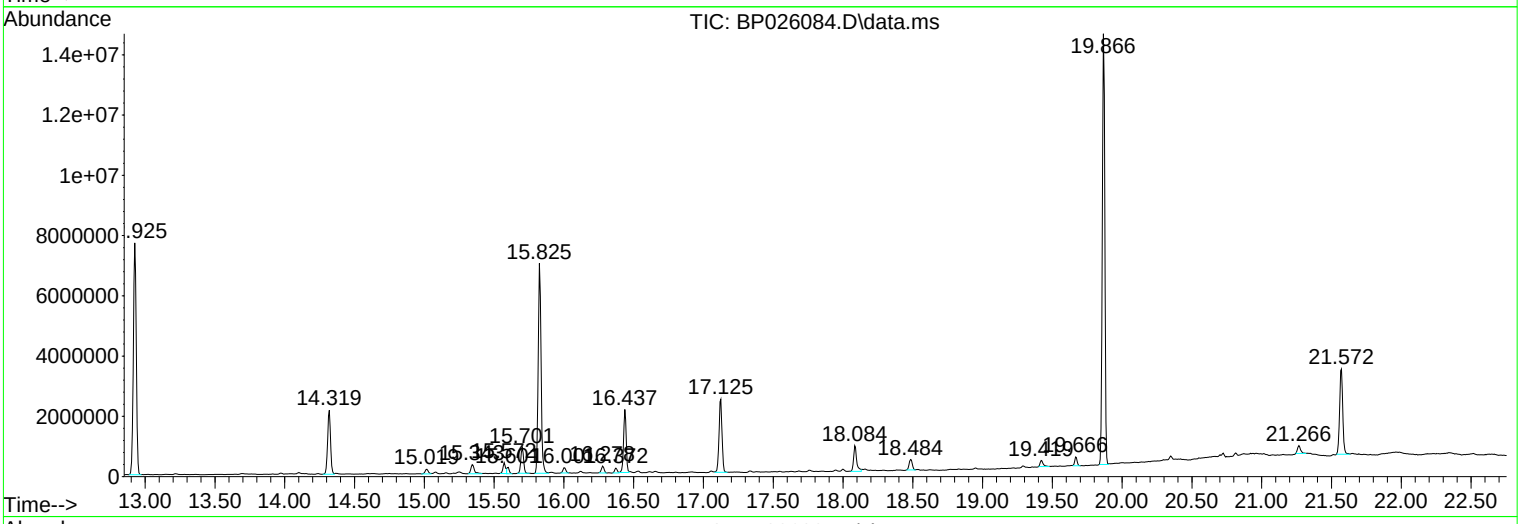
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

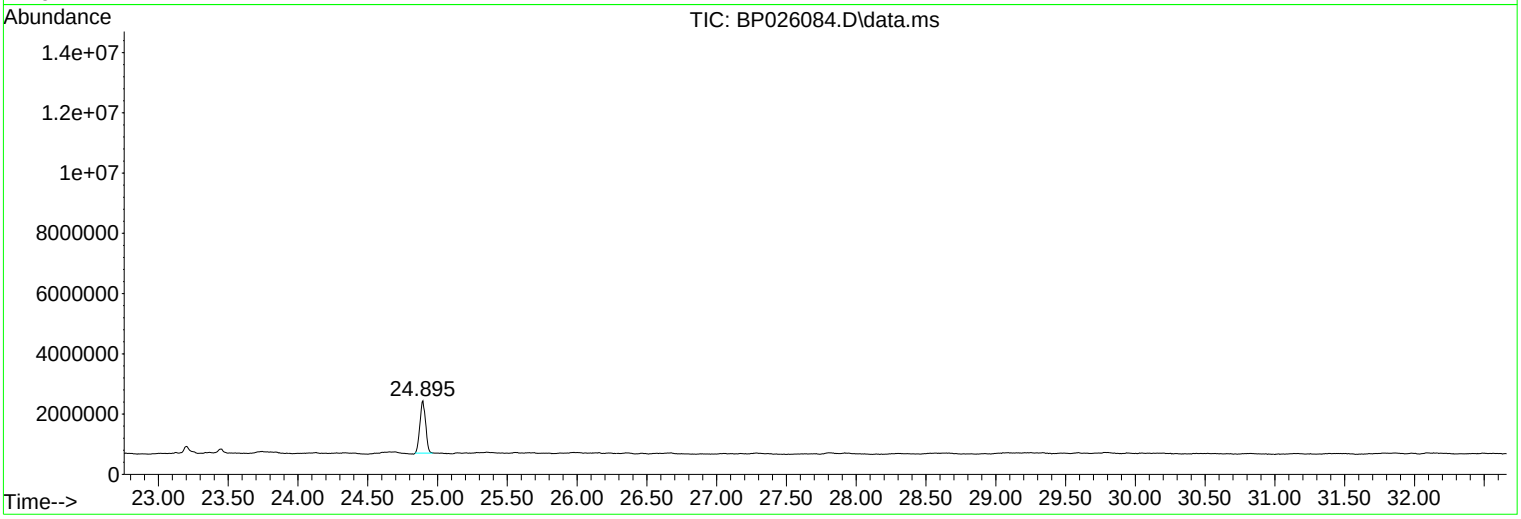
Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

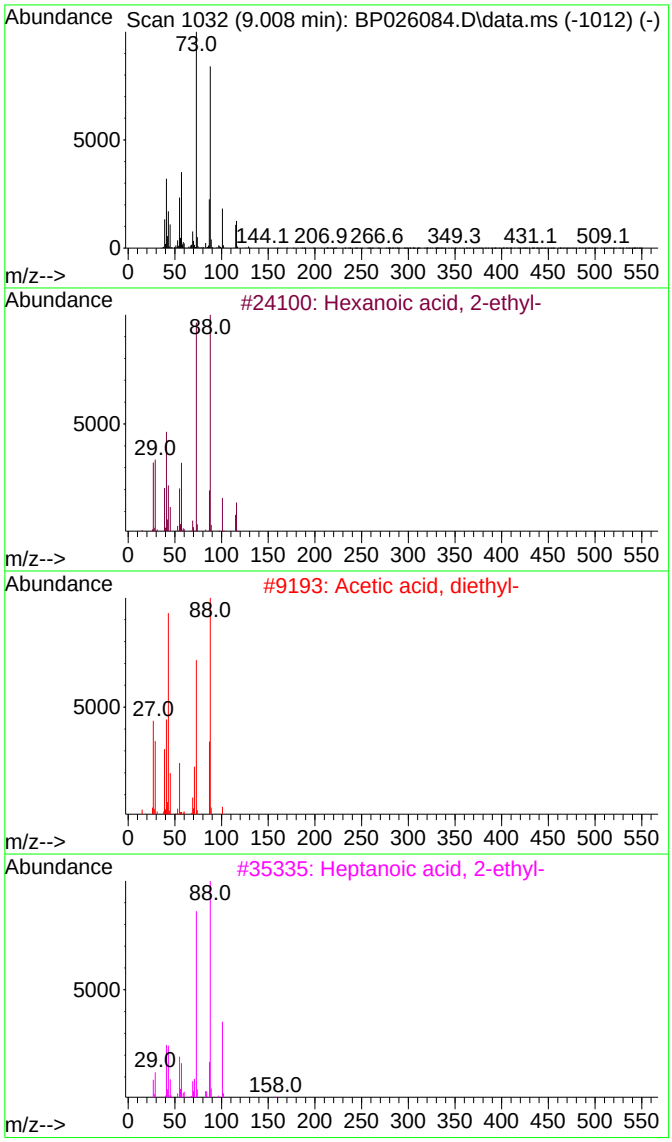
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

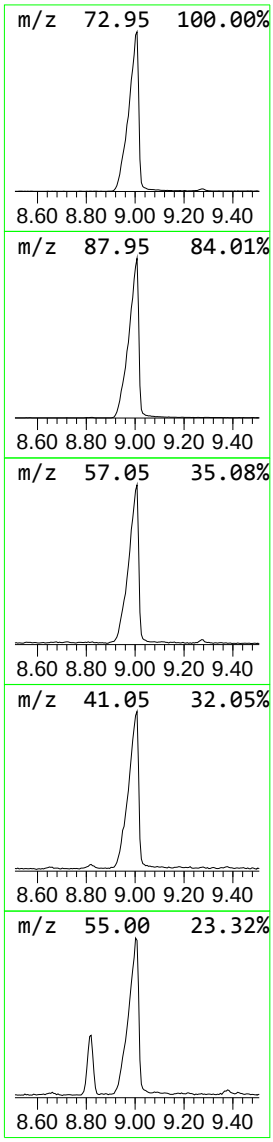
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.008	37.71 ng	3532420	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

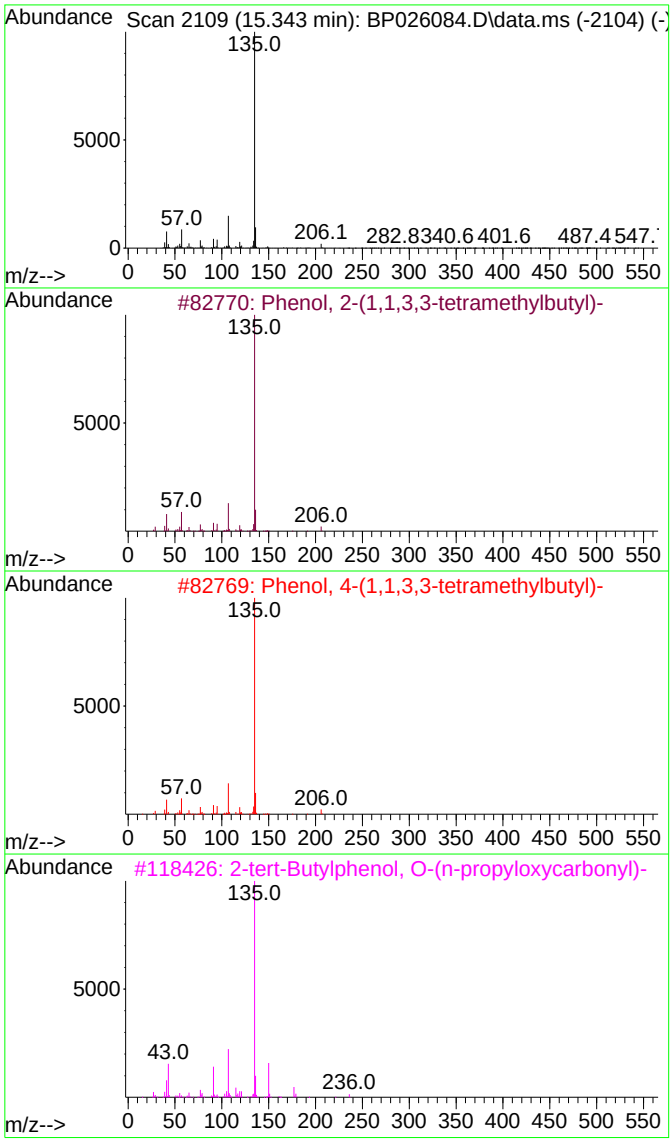
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

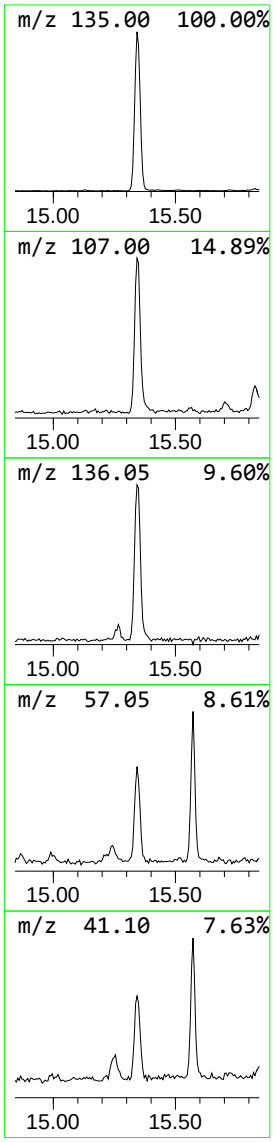
****

Peak Number 2 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	3.42 ng	539576	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	97
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	95
3	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

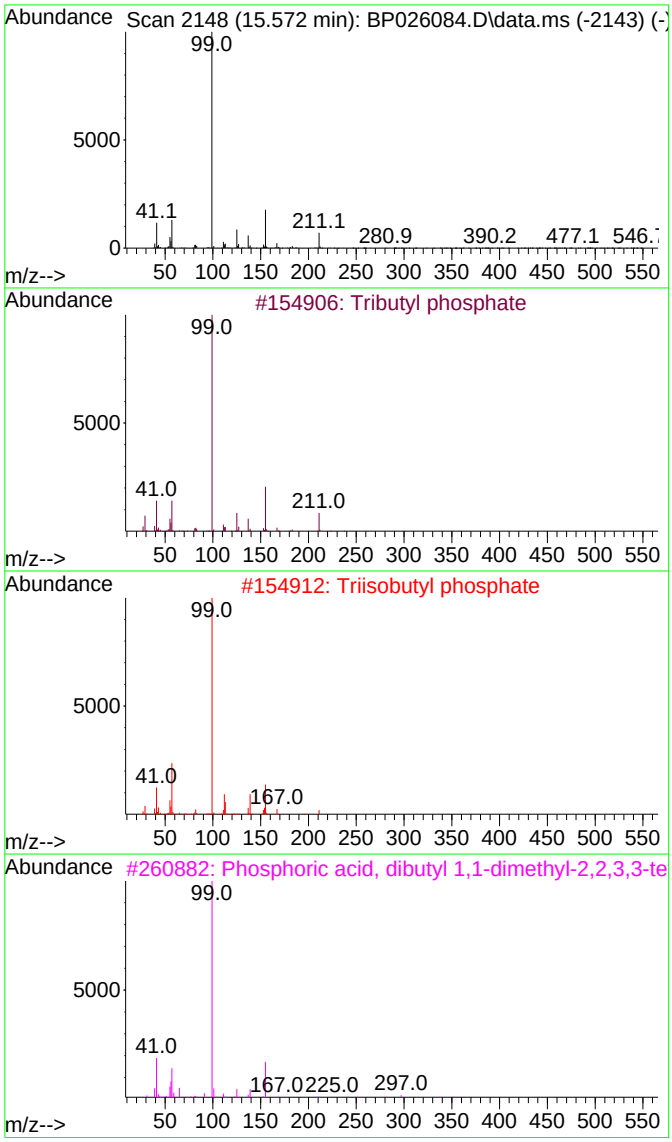
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

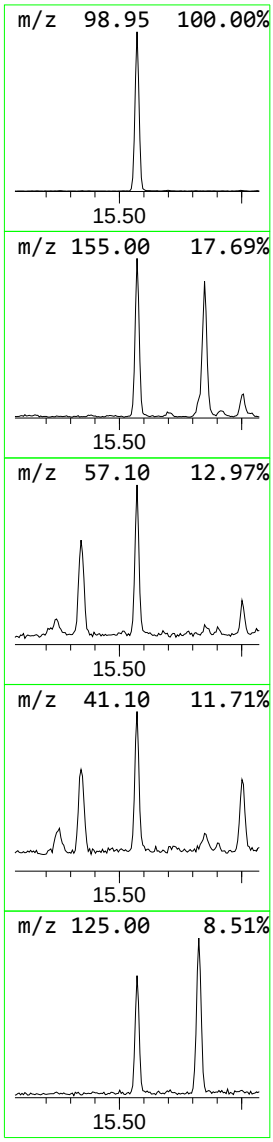
****

Peak Number 3 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	3.10 ng	488882	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Triisobutyl phosphate	266	C12H27O4P	000126-71-6	78
3	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	72
4	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	39
5	Fumaric acid, 4-chlorophenyl hep...	324	C17H21ClO4	1000405-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

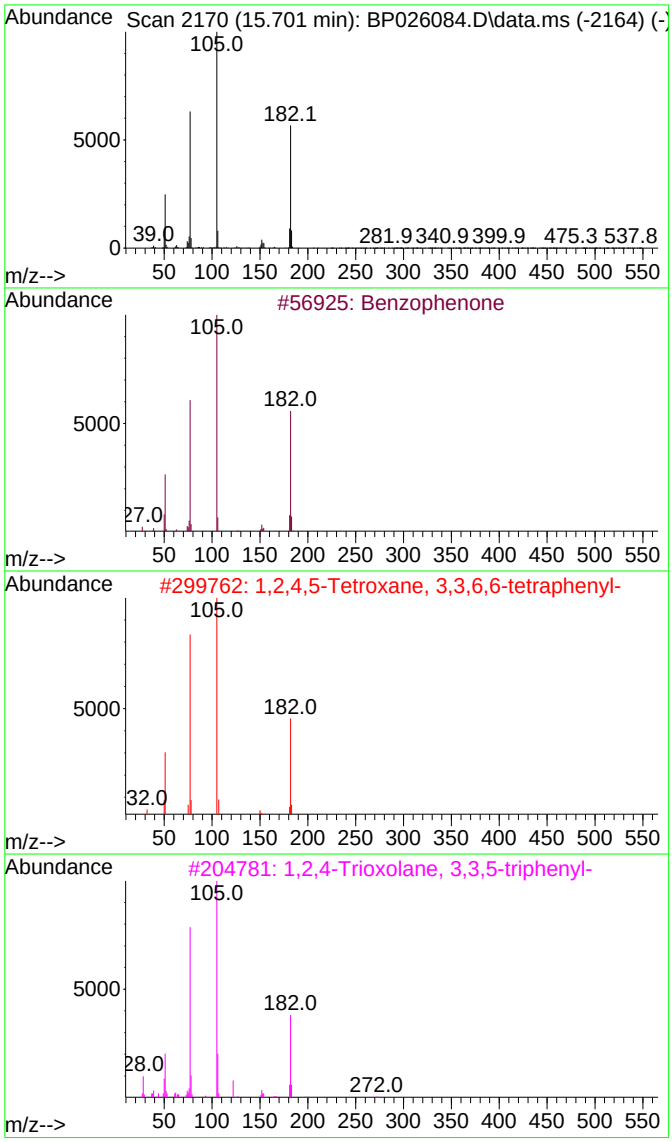
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

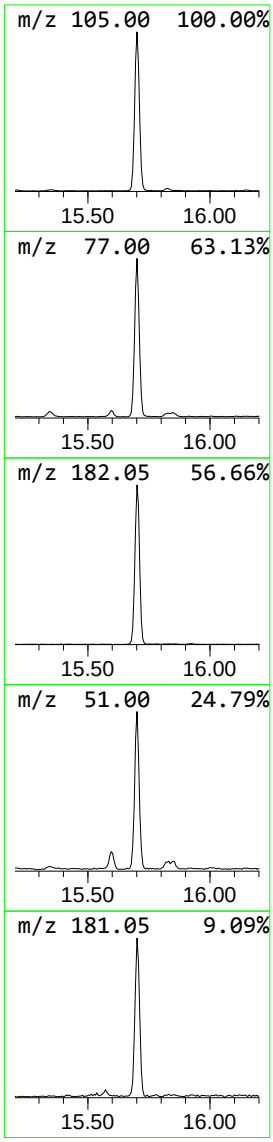
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	7.27 ng	1147720	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4	Azobenzene	182	C12H10N2	000103-33-3	40
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

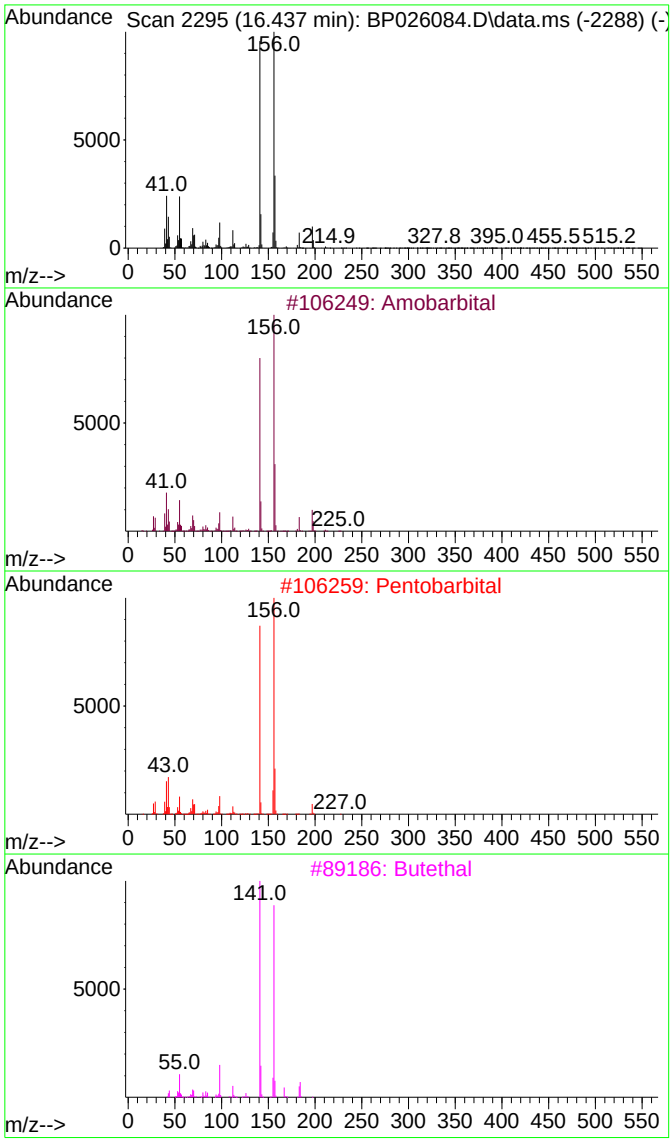
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

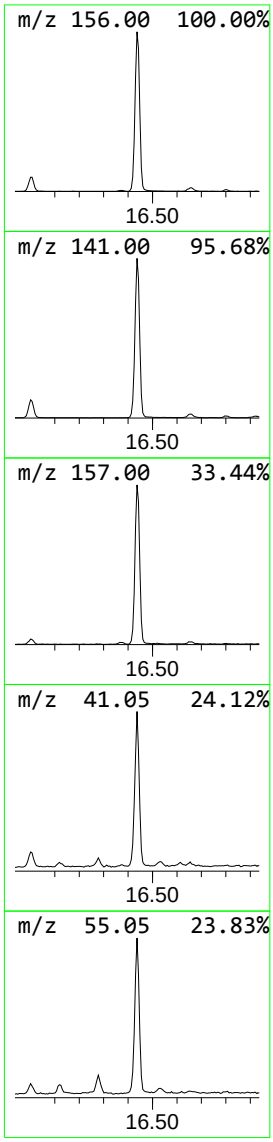
****

Peak Number 5 Amobarbital Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	15.45 ng	2782100	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amobarbital	226	C11H18N2O3	000057-43-2	94
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Butethal	212	C10H16N2O3	000077-28-1	80
4	Butabarbital	212	C10H16N2O3	000125-40-6	72
5	3,4-Dihydro-4,4,6-trimethyl-2-py...	156	C7H12N2S	005392-23-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

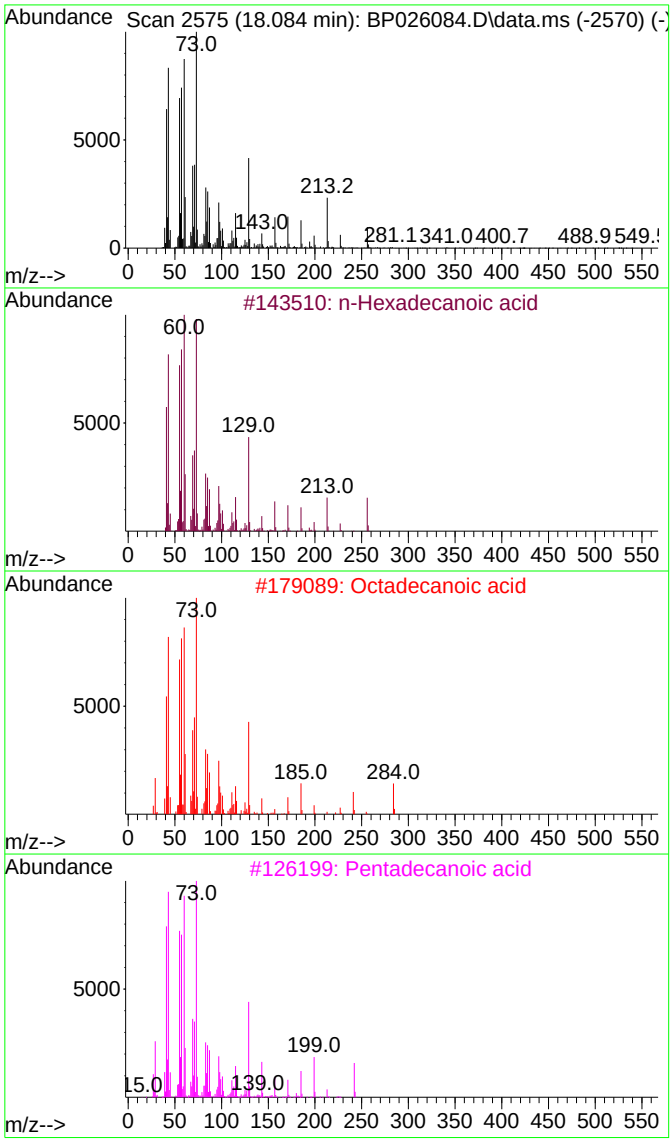
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

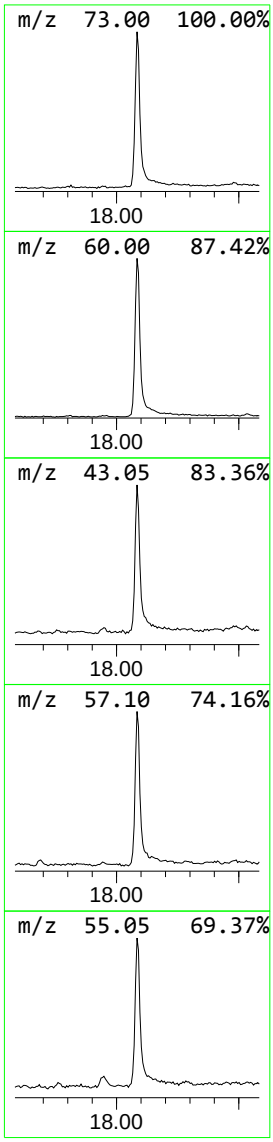
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	7.18 ng	1291910	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

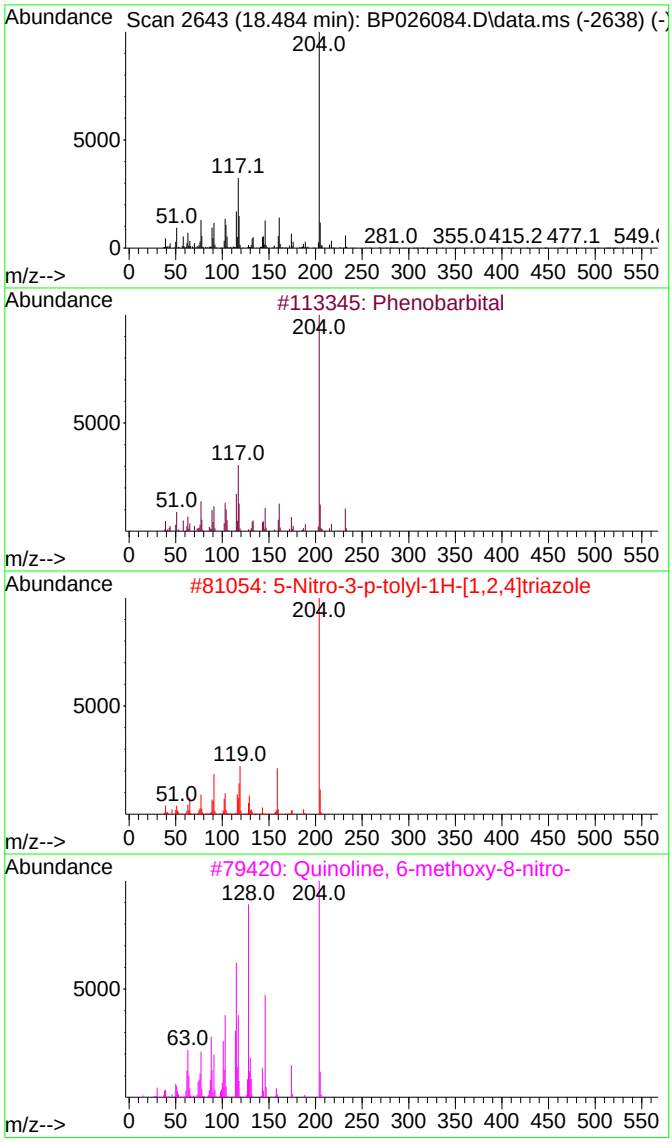
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

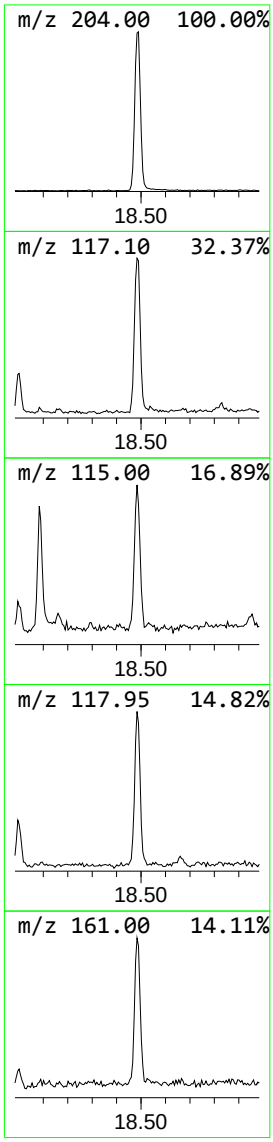
****

Peak Number 7 Phenobarbital Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.483	3.04 ng	546453	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenobarbital	232	C12H12N2O3	000050-06-6	95
2	5-Nitro-3-p-tolyl-1H-[1,2,4]tria...	204	C9H8N4O2	1010296-48-9	53
3	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	50
4	Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	49
5	4-tert-Butyl-N-[2-(2-fluoro-phen...	315	C19H22FNO2	329919-98-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.008	37.7	ng	3532420	1	7.678	1873660	20.0
Phenol, 2-(1,1,...	15.342	3.4	ng	539576	3	14.319	3156600	20.0
Tributyl phosphate	15.572	3.1	ng	488882	3	14.319	3156600	20.0
Benzophenone	15.701	7.3	ng	1147720	3	14.319	3156600	20.0
Amobarbital	16.437	15.4	ng	2782100	4	17.125	3600900	20.0
n-Hexadecanoic ...	18.084	7.2	ng	1291910	4	17.125	3600900	20.0
Phenobarbital	18.483	3.0	ng	546453	4	17.125	3600900	20.0

Sample Results: **BG064706.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Time: Nov 07 00:31:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

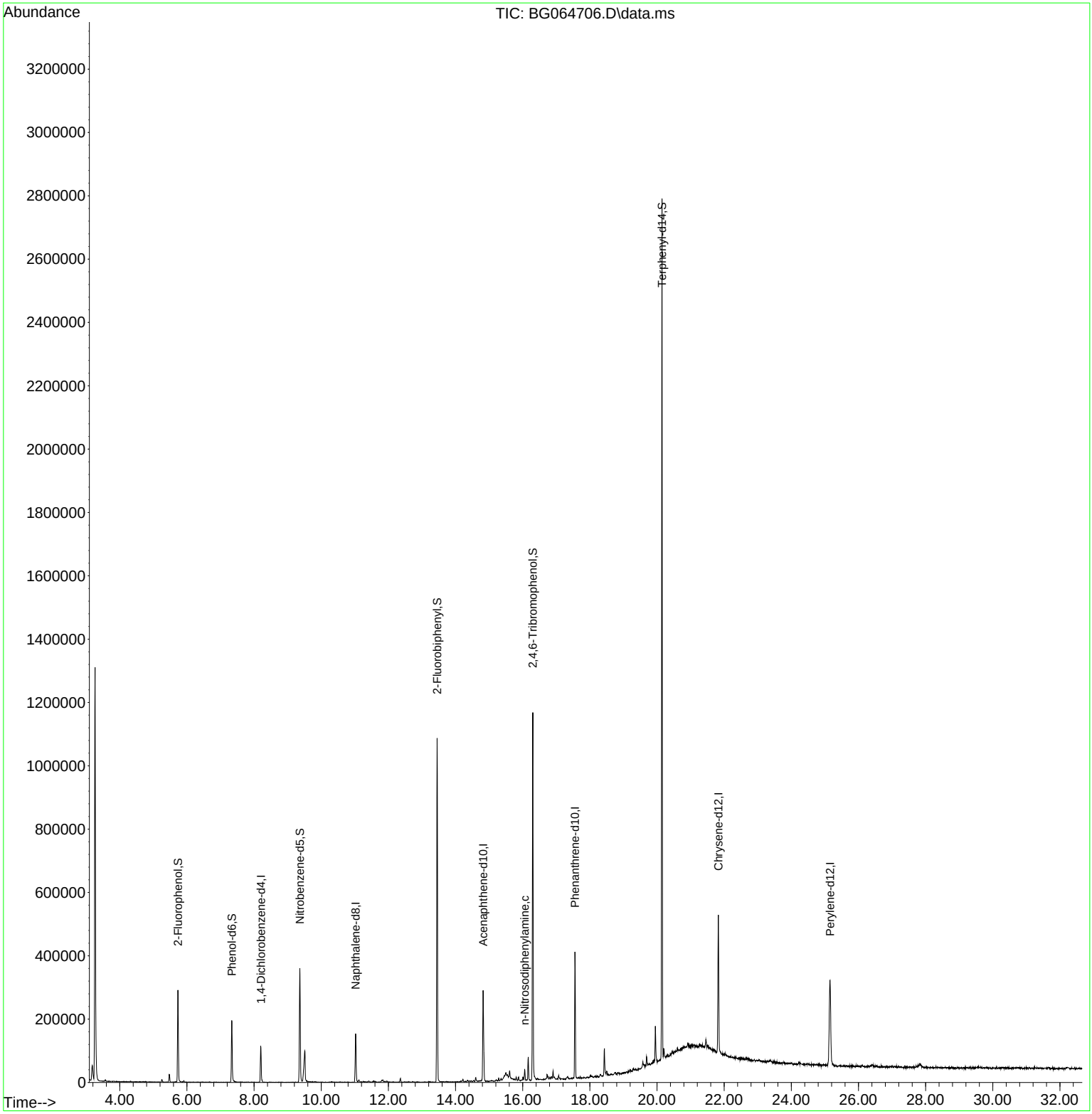
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	33315	20.000	ng	-0.02
21) Naphthalene-d8	11.024	136	133129	20.000	ng	#-0.02
39) Acenaphthene-d10	14.820	164	109224	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	255947	20.000	ng	#-0.02
76) Chrysene-d12	21.829	240	309555	20.000	ng	#-0.03
86) Perylene-d12	25.155	264	340594	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	121020	60.973	ng	-0.02
7) Phenol-d6	7.334	99	113146	41.543	ng	-0.02
23) Nitrobenzene-d5	9.361	82	213261	96.215	ng	-0.02
42) 2,4,6-Tribromophenol	16.300	330	267052	169.403	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	591707	82.114	ng	-0.02
79) Terphenyl-d14	20.149	244	1395468	85.073	ng	-0.02
Target Compounds						Qvalue
66) n-Nitrosodiphenylamine	16.060	169	15042	2.176	ng	97

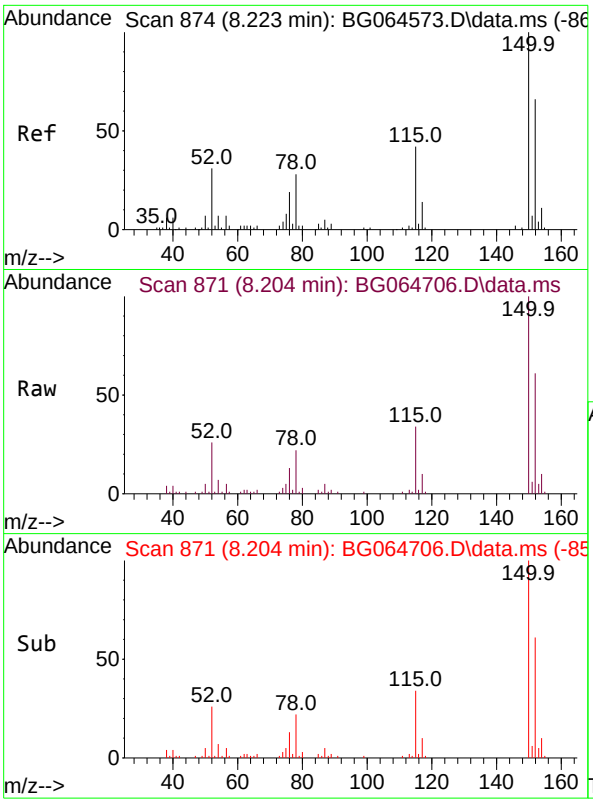
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Time: Nov 07 00:31:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



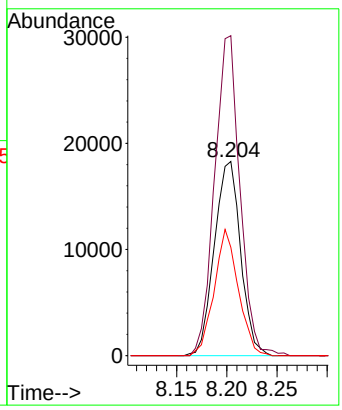


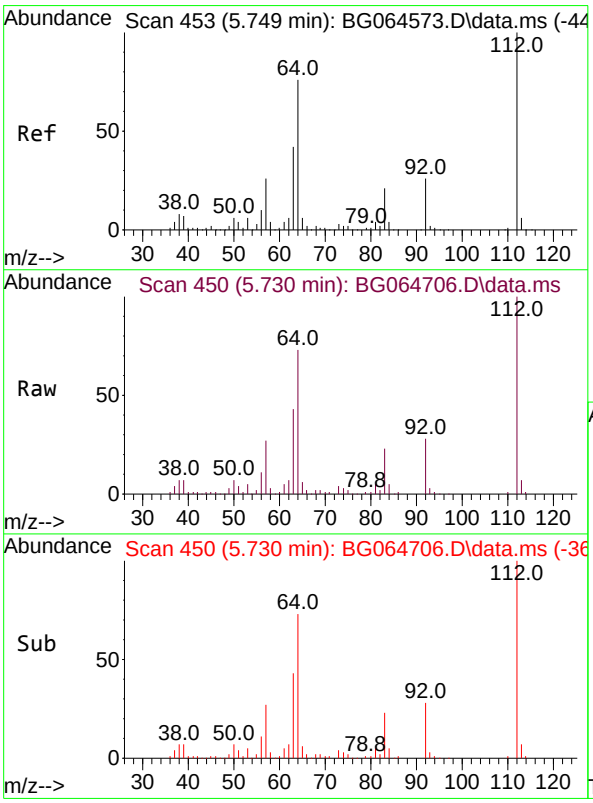
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:152 Resp: 33315

Ion	Ratio	Lower	Upper
152	100		
150	164.8	122.2	183.4
115	55.7	50.8	76.2

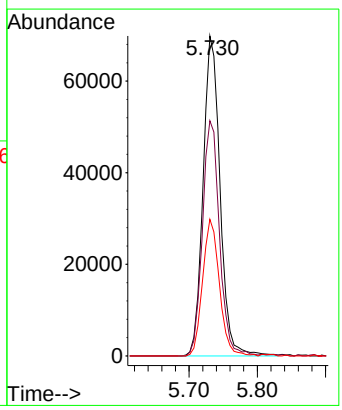


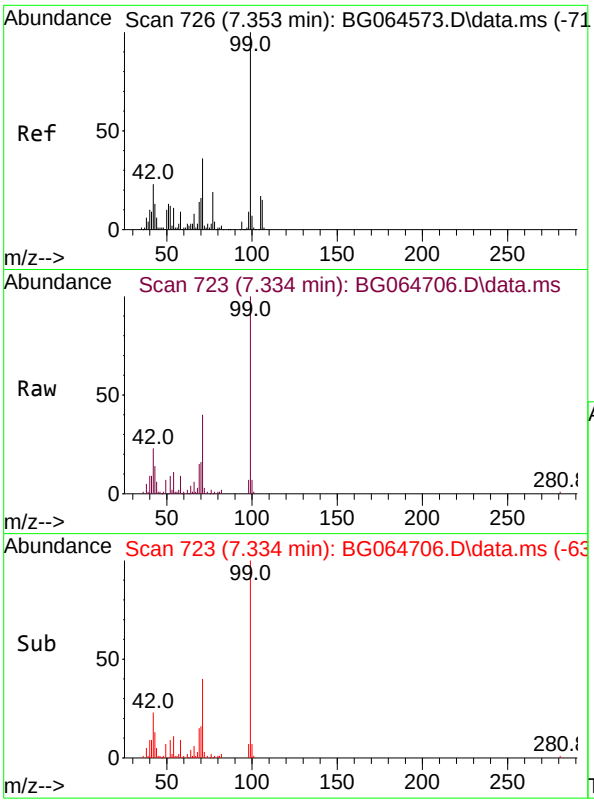


#5
2-Fluorophenol
Concen: 60.973 ng
RT: 5.730 min Scan# 450
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:112 Resp: 121020

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.7	91.1
63	42.7	33.4	50.0



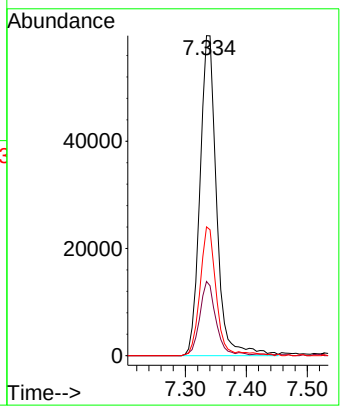


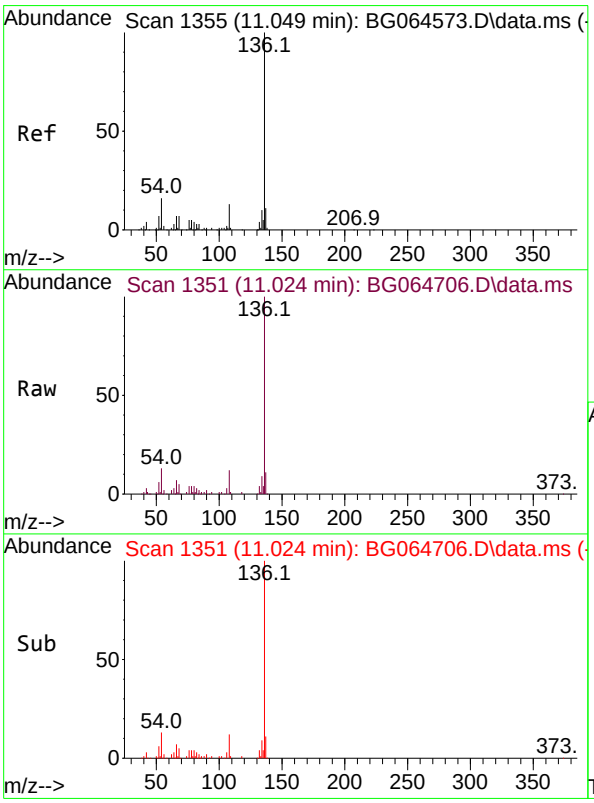
#7
Phenol-d6
Concen: 41.543 ng
RT: 7.334 min Scan# 7
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion: 99 Resp: 113146

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.3	27.5
71	40.2	28.6	43.0

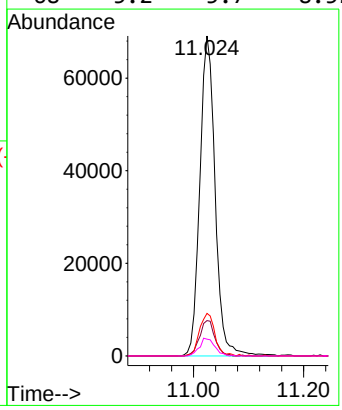


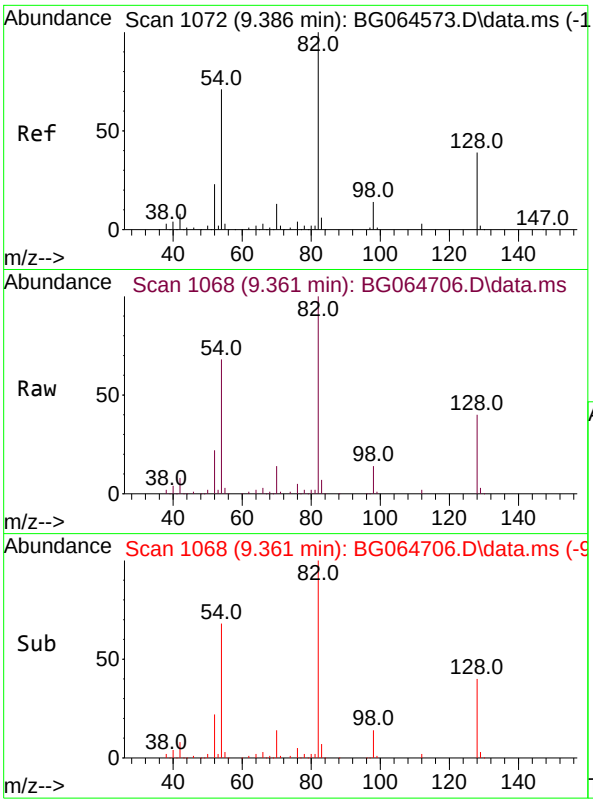


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.024 min Scan# 1351
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:136 Resp: 133129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	13.3	12.6	19.0
68	5.2	5.7	8.5#



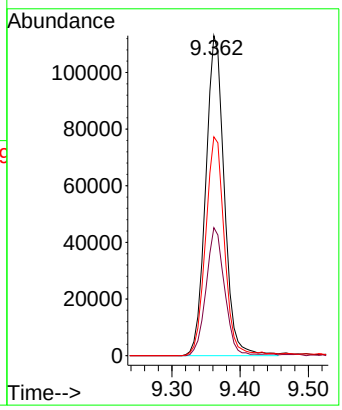


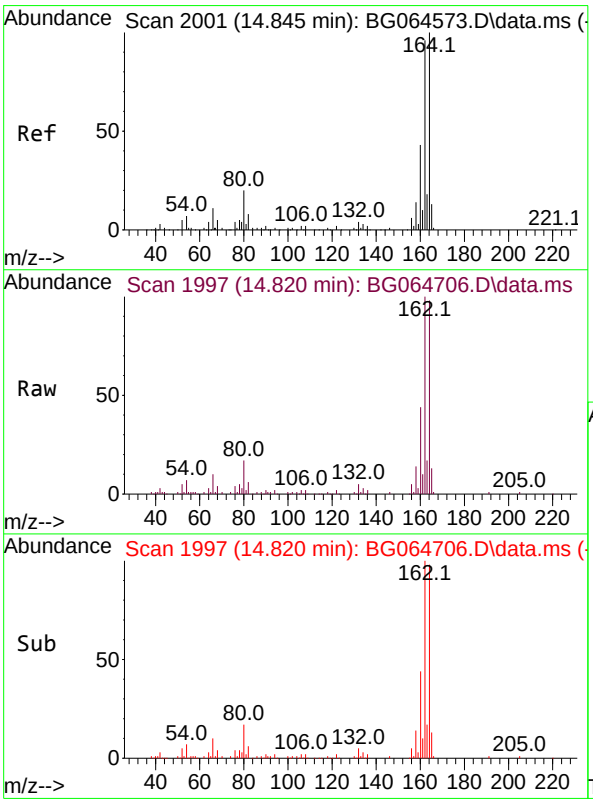
#23
Nitrobenzene-d5
Concen: 96.215 ng
RT: 9.361 min Scan# 1
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion: 82 Resp: 213261

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	68.4	56.6	84.8

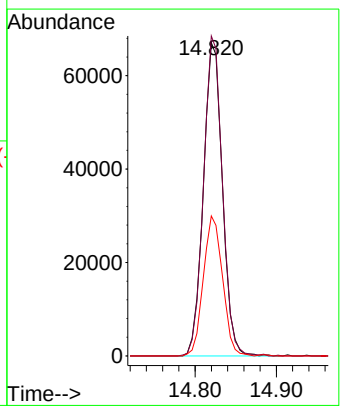


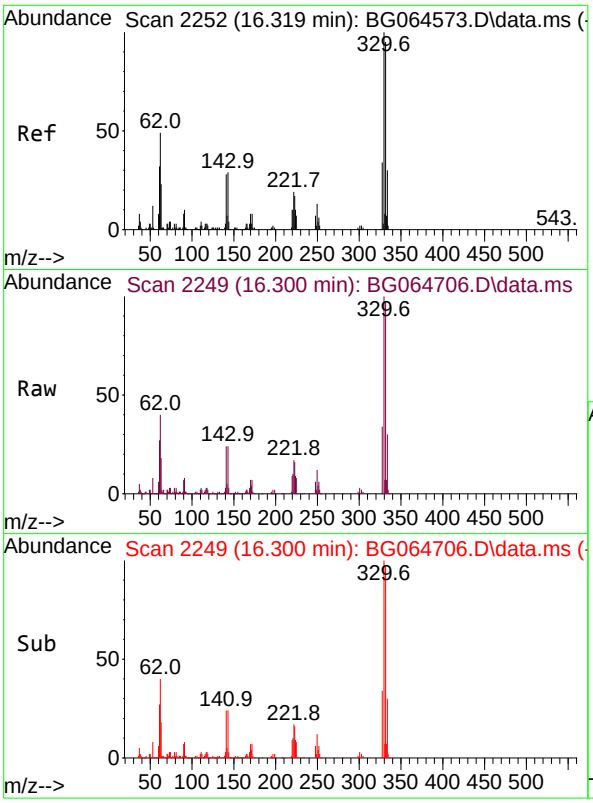


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1997
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:164 Resp: 109224

Ion	Ratio	Lower	Upper
164	100		
162	102.2	77.0	115.6
160	44.7	34.4	51.6



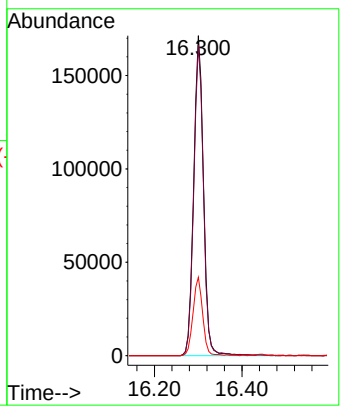


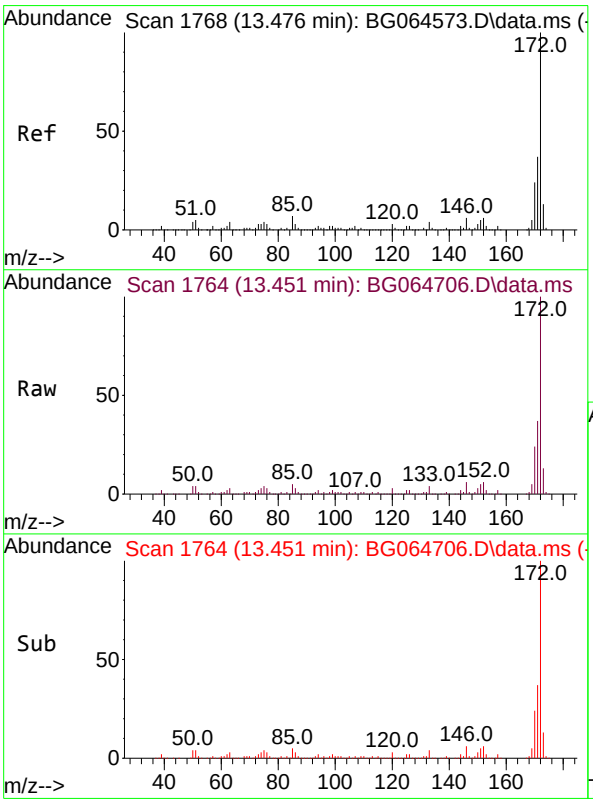
#42
2,4,6-Tribromophenol
Concen: 169.403 ng
RT: 16.300 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:330 Resp: 267052

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	24.0	21.8	32.6

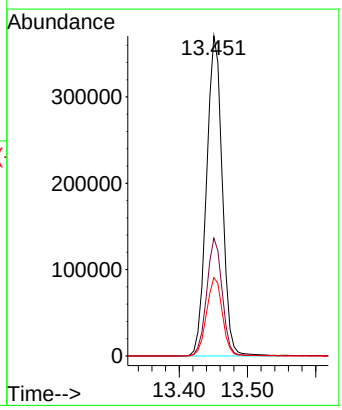


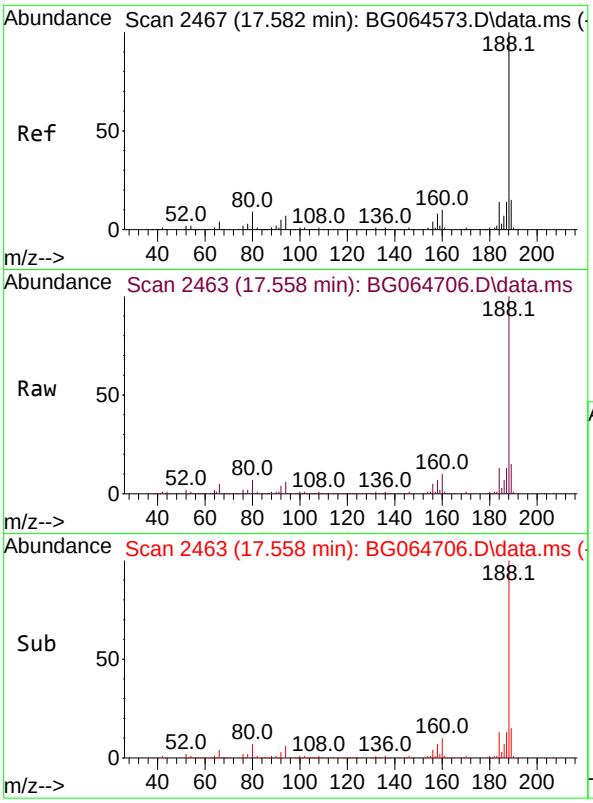


#45
2-Fluorobiphenyl
Concen: 82.114 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:172 Resp: 591707

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	19.1	28.7



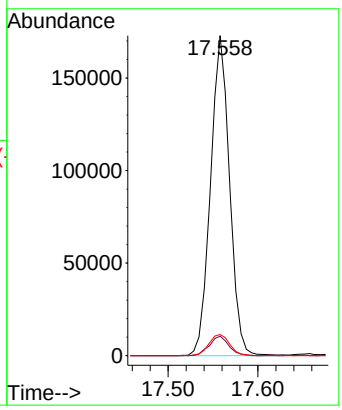


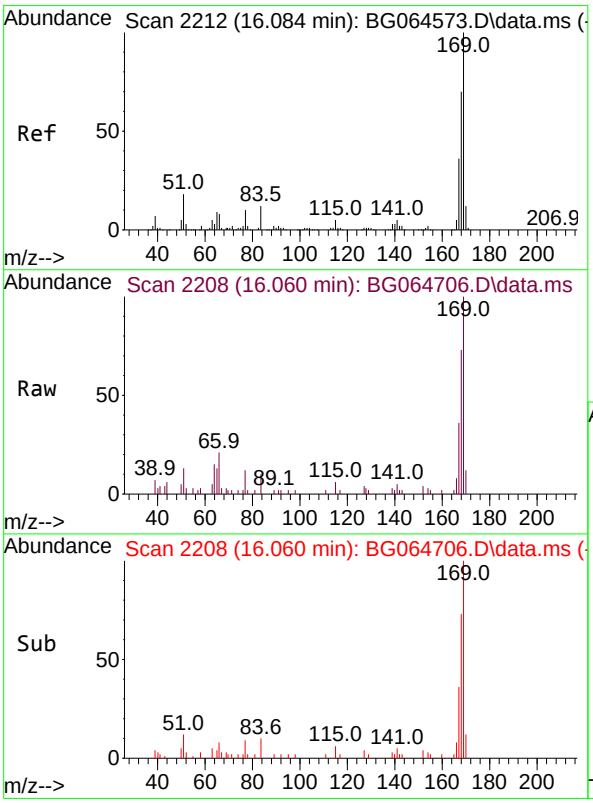
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.558 min Scan# 24
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:188 Resp: 255947

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.6	6.8	10.2#

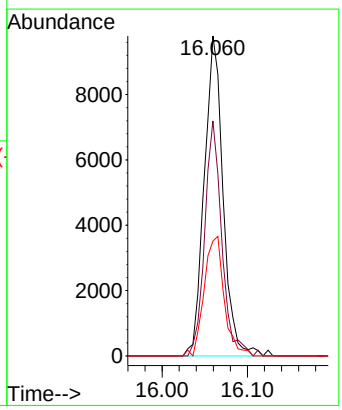


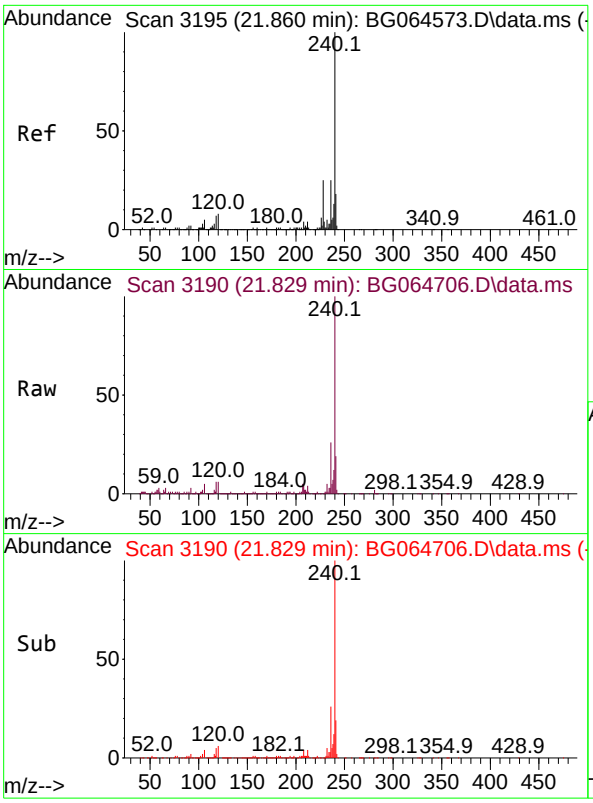


#66
n-Nitrosodiphenylamine
Concen: 2.176 ng
RT: 16.060 min Scan# 2208
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:169 Resp: 15042

Ion	Ratio	Lower	Upper
169	100		
168	73.4	56.3	84.5
167	35.9	29.0	43.6



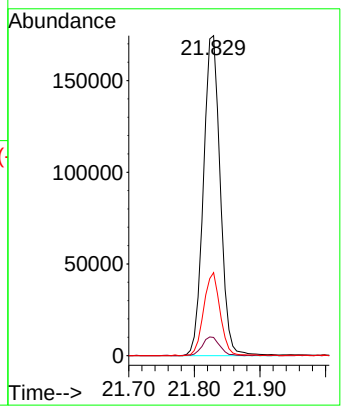


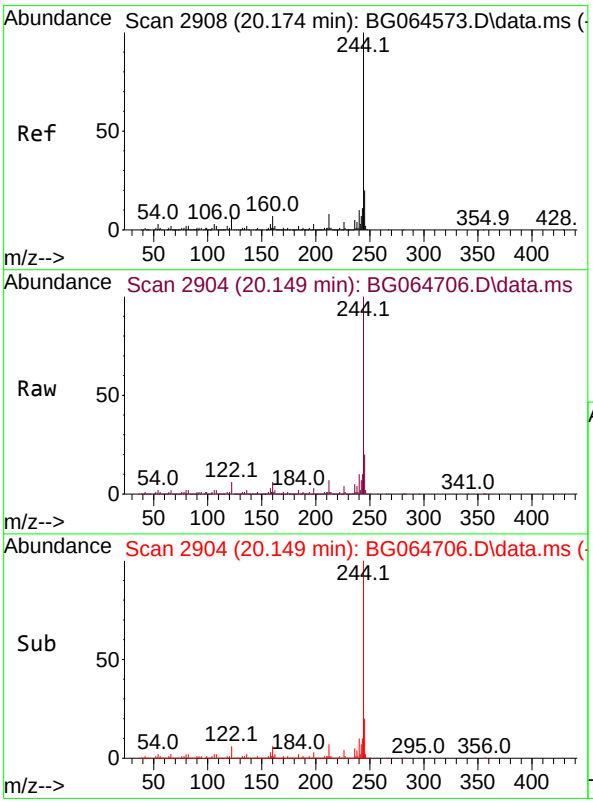
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.829 min Scan# 31
Delta R.T. -0.031 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:240 Resp: 309555

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.5	9.7#
236	25.9	20.2	30.2

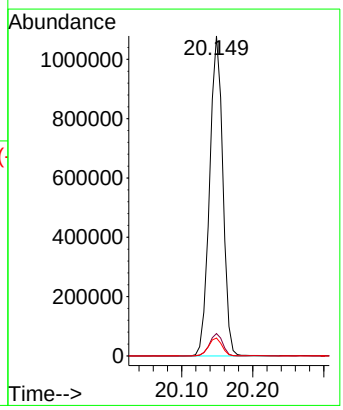


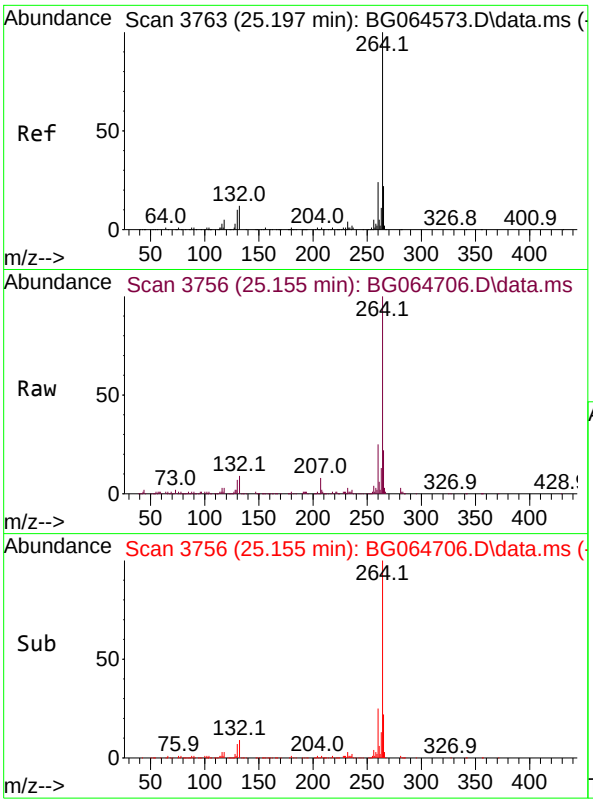


#79
Terphenyl-d14
Concen: 85.073 ng
RT: 20.149 min Scan# 2904
Delta R.T. -0.025 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Tgt Ion:244 Resp: 1395468

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	5.6	5.6	8.4#



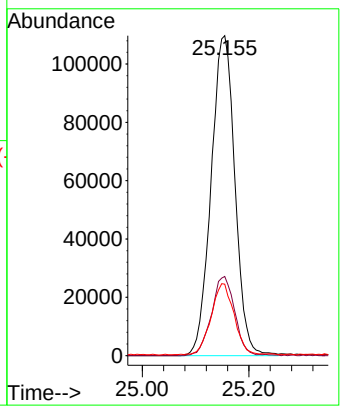


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.155 min Scan# 3
Delta R.T. -0.042 min
Lab File: BG064706.D
Acq: 6 Nov 2025 17:09

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Tgt Ion:264 Resp: 340594

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.3	17.6	26.4



Sample Results: **BG064706.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	9	15	24	rBV2	45897	119823	3.43%	0.786%
2	3.263	24	30	54	rVB	1306321	2382427	68.17%	15.629%
3	5.472	401	406	414	rVB	24903	41740	1.19%	0.274%
4	5.730	442	450	462	rBV	290804	497362	14.23%	3.263%
5	7.334	716	723	735	rBV	194681	360401	10.31%	2.364%
6	8.198	864	870	884	rBV	114633	211622	6.06%	1.388%
7	9.362	1060	1068	1079	rBV	359976	679349	19.44%	4.457%
8	9.508	1081	1093	1105	rVB2	97076	267394	7.65%	1.754%
9	11.024	1343	1351	1363	rBV	153259	293242	8.39%	1.924%
10	13.451	1755	1764	1780	rBV	1086370	1731669	49.55%	11.360%
11	14.820	1991	1997	2009	rVB2	286784	545148	15.60%	3.576%
12	15.460	2094	2106	2107	rBV3	14238	36122	1.03%	0.237%
13	15.613	2127	2132	2137	rVB3	22483	37703	1.08%	0.247%
14	16.060	2203	2208	2215	rVB2	35919	54472	1.56%	0.357%
15	16.165	2221	2226	2234	rVB	73275	111651	3.19%	0.732%
16	16.300	2242	2249	2265	rBV	1160727	1808221	51.74%	11.862%
17	17.558	2457	2463	2471	rBV	399775	603291	17.26%	3.958%
18	18.433	2607	2612	2620	rBV2	84694	134267	3.84%	0.881%
19	19.691	2823	2826	2831	rBV5	28342	40363	1.15%	0.265%
20	19.949	2866	2870	2878	rVB	110230	164118	4.70%	1.077%
21	20.149	2898	2904	2910	rBV	2716773	3494897	100.00%	22.928%
22	20.202	2911	2913	2921	rVB2	28405	42714	1.22%	0.280%
23	21.829	3183	3190	3202	rVB2	436507	785254	22.47%	5.152%
24	25.155	3747	3756	3768	rVB	265596	799944	22.89%	5.248%

Sum of corrected areas: 15243194

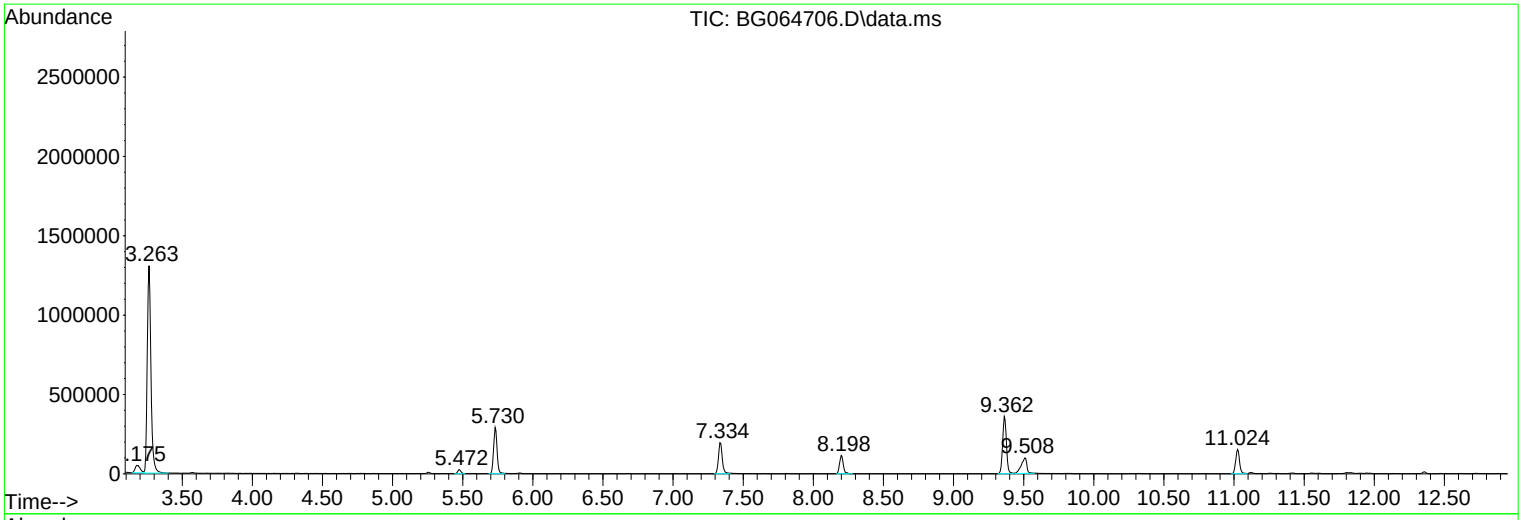
Sample Results: **BG064706.D**

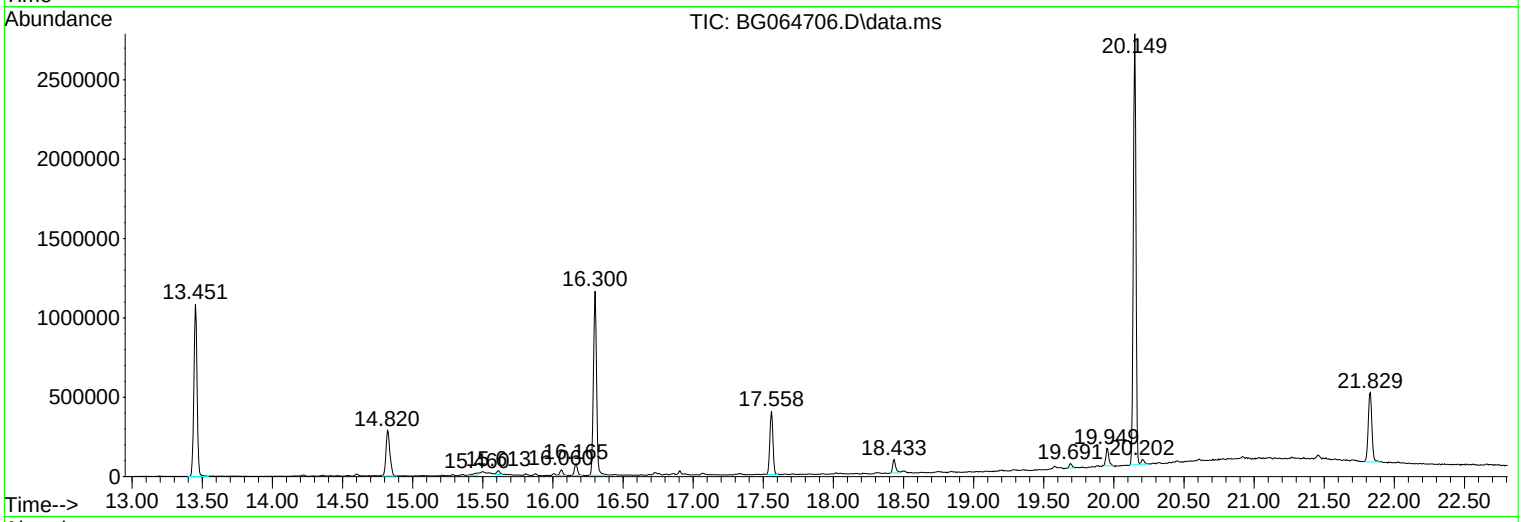
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

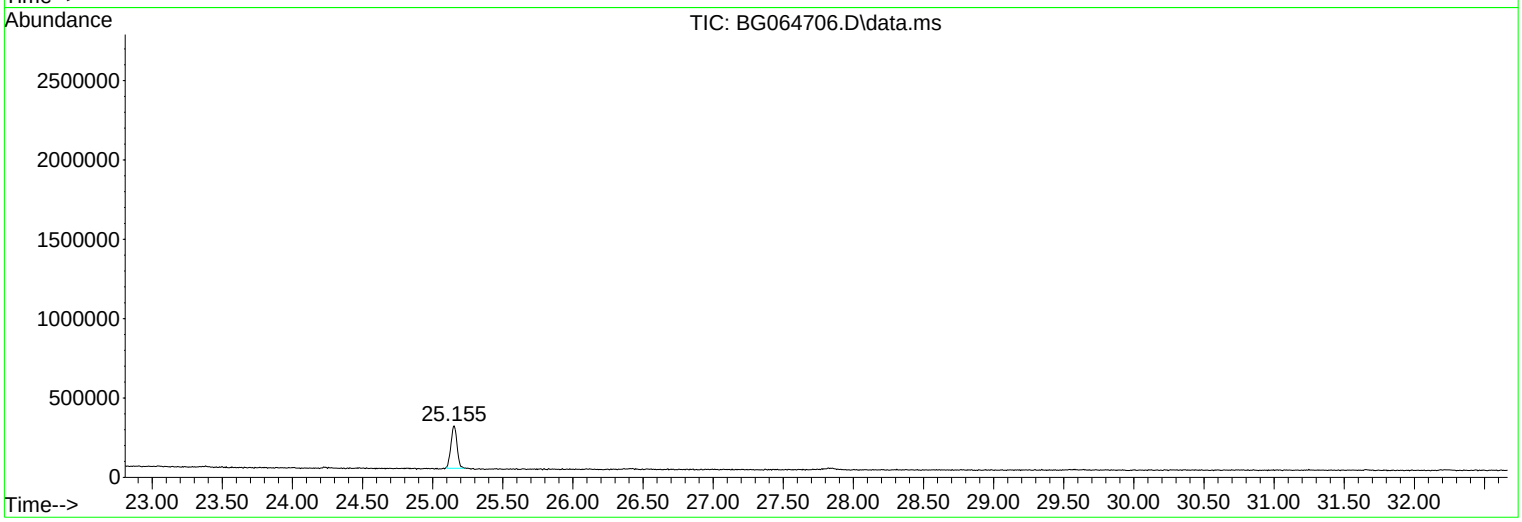
Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

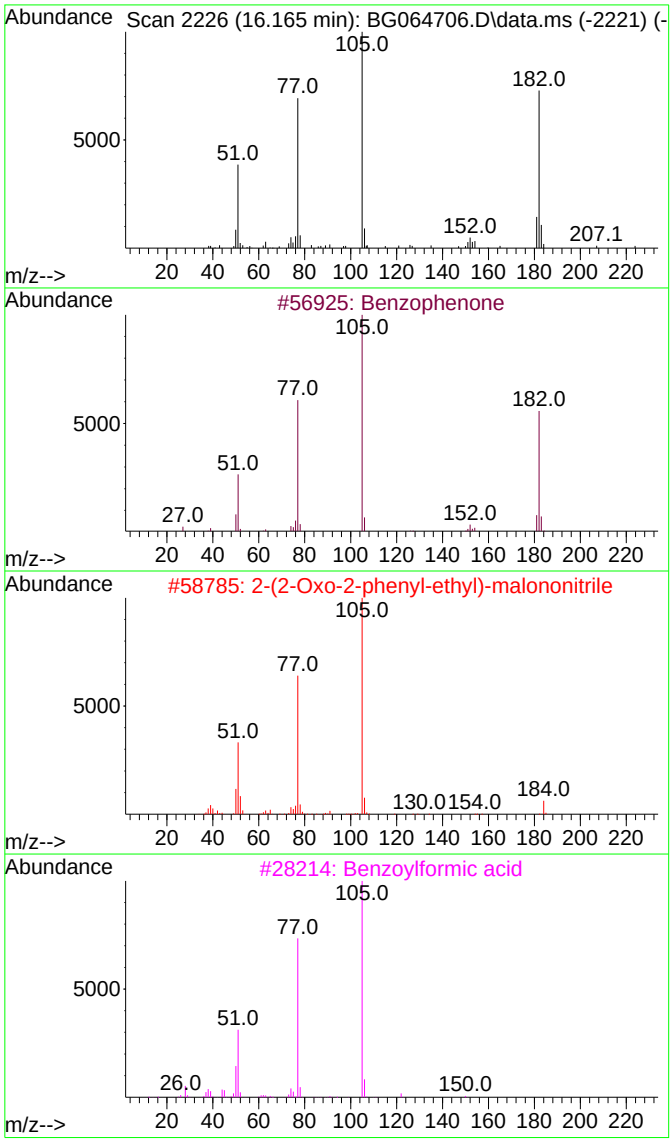
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

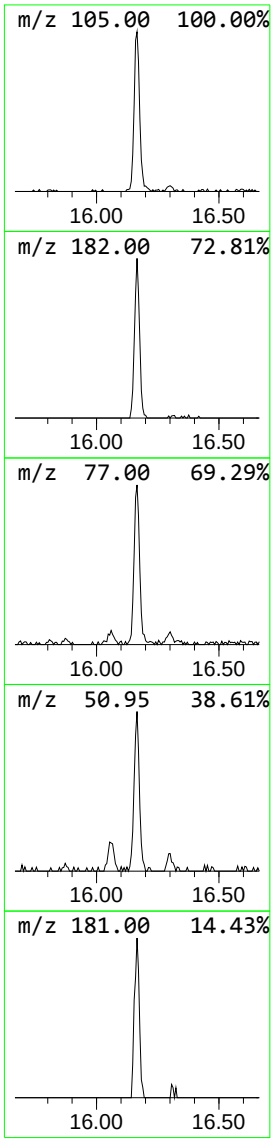
****

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	4.10 ng	111651	Acenaphthene-d10	14.820

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

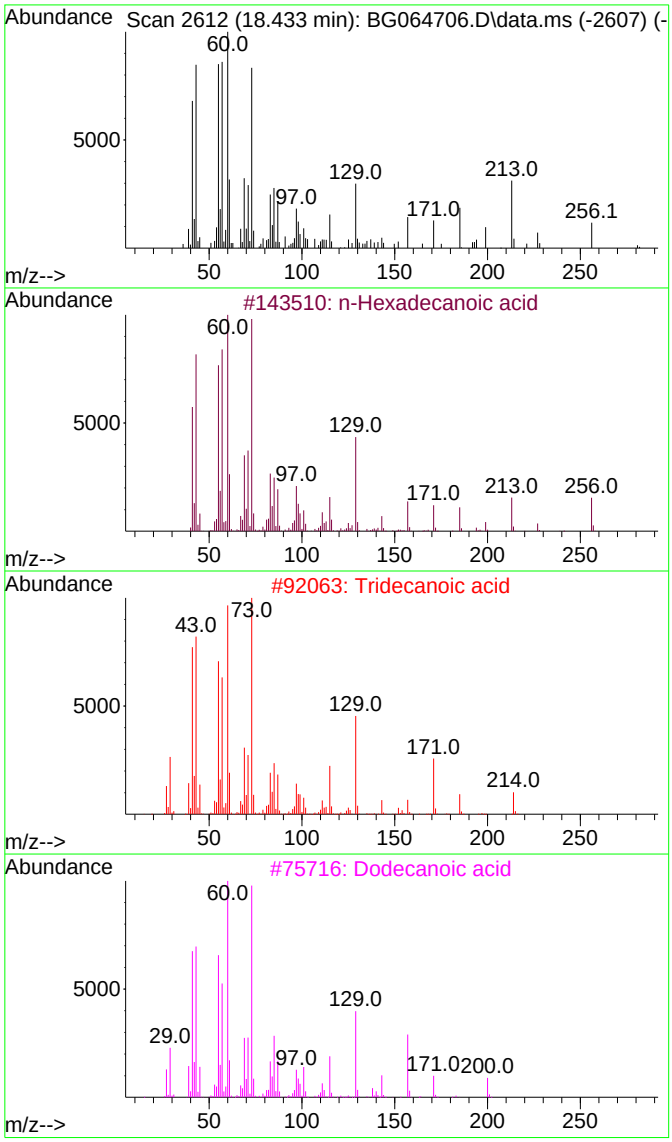
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

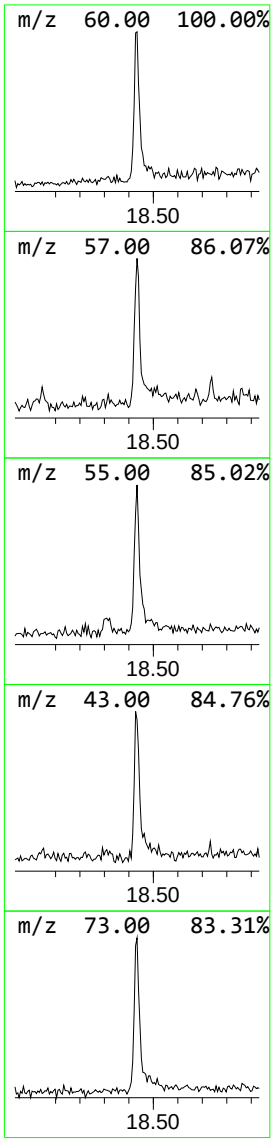
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.45 ng	134267	Phenanthrene-d10	17.558

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

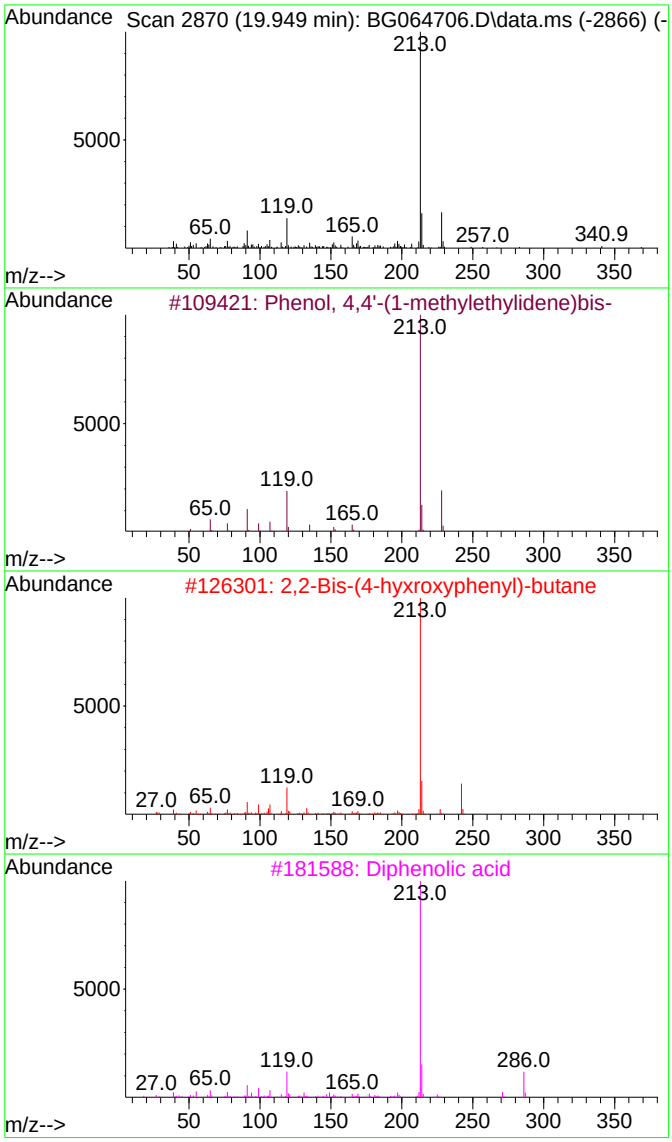
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

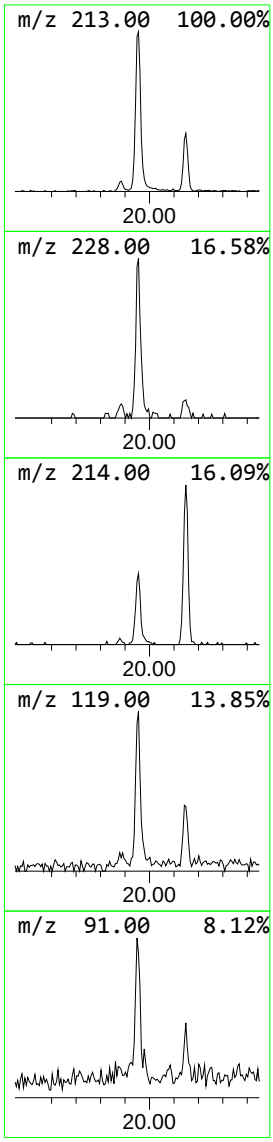
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.949	4.18 ng	164118	Chrysene-d12	21.829

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3	Diphenolic acid	286	C17H18O4	000126-00-1	72
4	1-Bromo-4-(trimethylsilyl)benzene	228	C9H13BrSi	006999-03-7	64
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064706.D
Acq On : 6 Nov 2025 17:09
Operator : RC/JU
Sample : Q3534-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-EB-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.165	4.1	ng	111651	3	14.820	545148	20.0
n-Hexadecanoic ...	18.433	4.5	ng	134267	4	17.558	603291	20.0
Phenol, 4,4'-(1...	19.949	4.2	ng	164118	5	21.829	785254	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Time: Nov 07 01:00:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

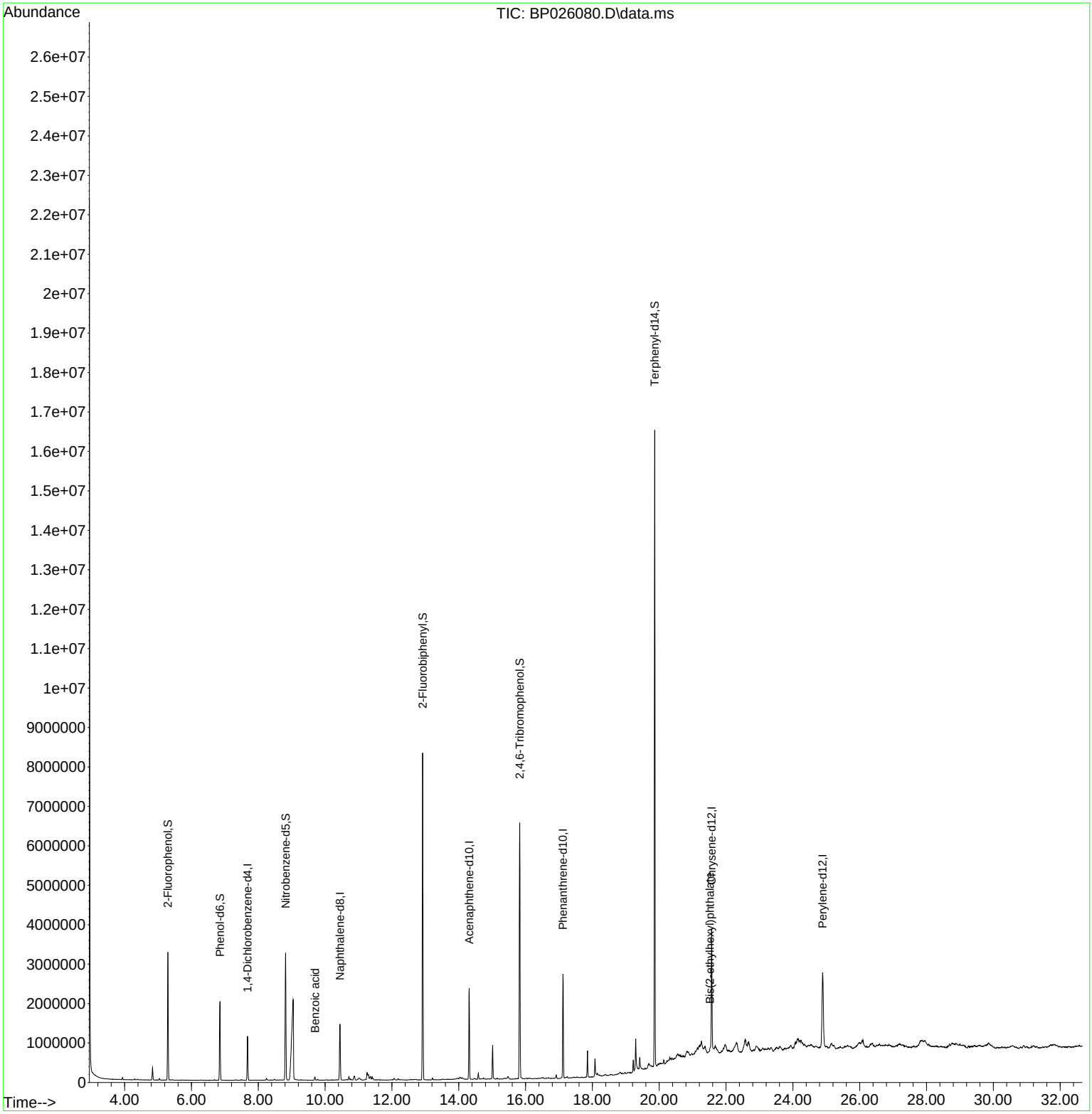
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	311794	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1217060	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	769070	20.000	ng		0.00
64) Phenanthrene-d10	17.119	188	1563789	20.000	ng		0.00
76) Chrysene-d12	21.566	240	1705423	20.000	ng		0.00
86) Perylene-d12	24.889	264	2009785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1377067	72.878	ng		0.00
7) Phenol-d6	6.855	99	1149647	47.802	ng		0.00
23) Nitrobenzene-d5	8.819	82	1765997	90.457	ng		0.00
42) 2,4,6-Tribromophenol	15.825	330	1346021	161.890	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	4173637	77.980	ng		-0.01
79) Terphenyl-d14	19.866	244	7228578	86.115	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.696	122	29767	6.654	ng		98
84) Bis(2-ethylhexyl)phtha...	21.519	149	24169	2.930	ng	#	86

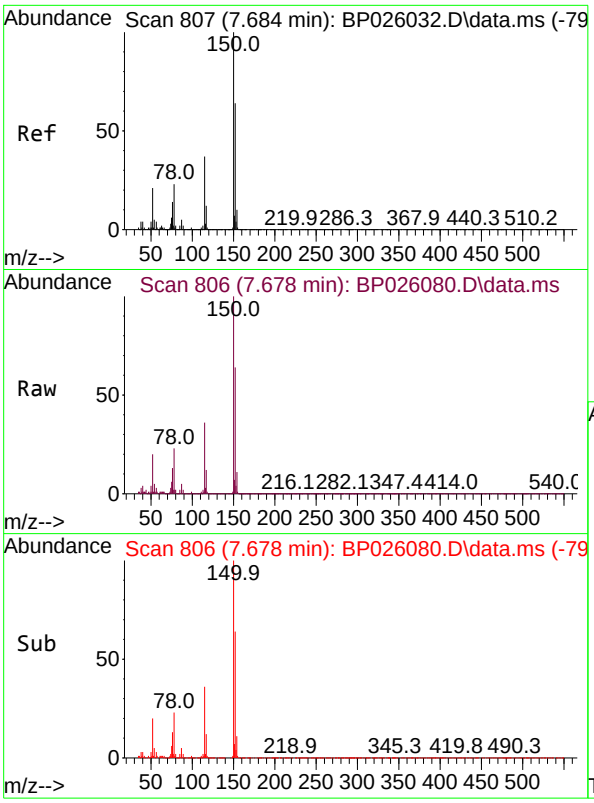
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Time: Nov 07 01:00:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



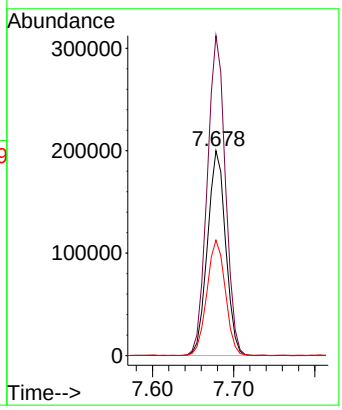


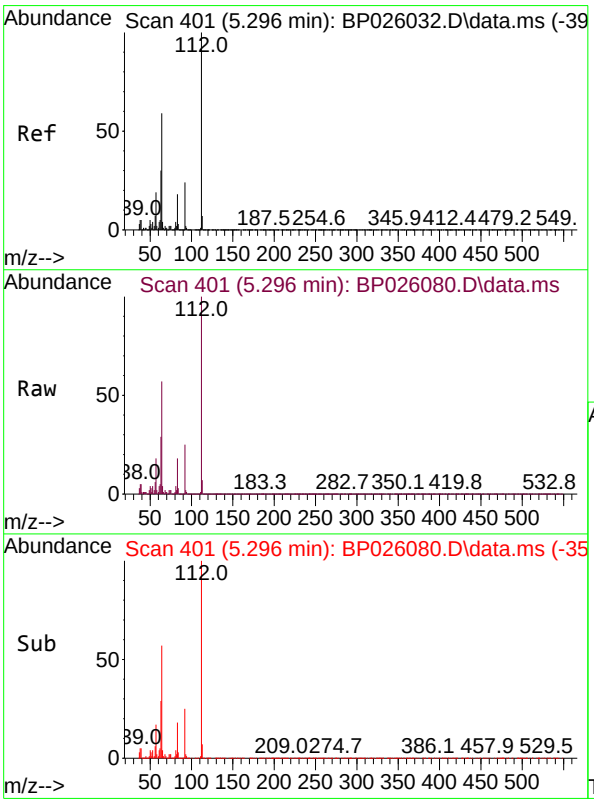
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:152 Resp: 311794

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.7	188.5
115	56.3	46.4	69.6

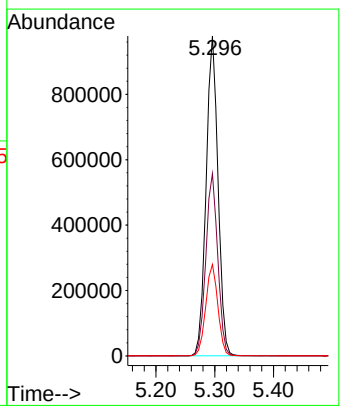


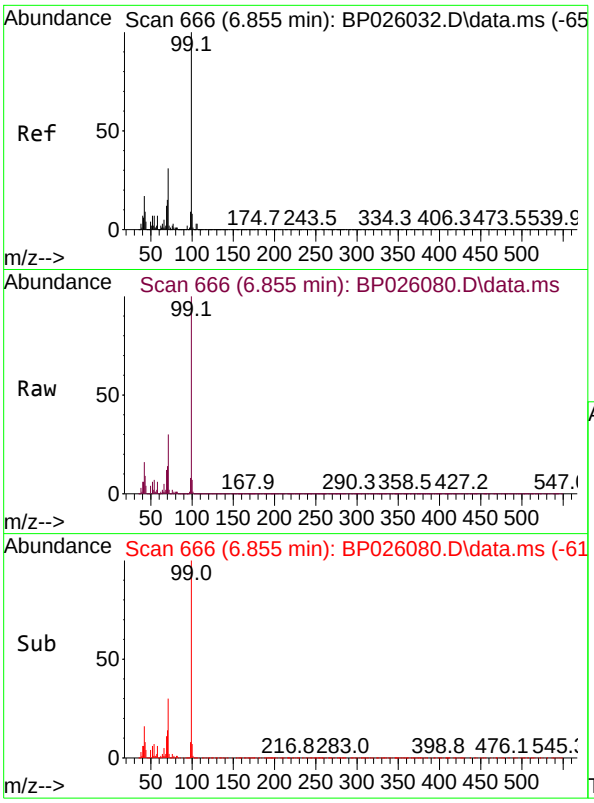


#5
2-Fluorophenol
Concen: 72.878 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:112 Resp: 1377067

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	28.6	24.2	36.4



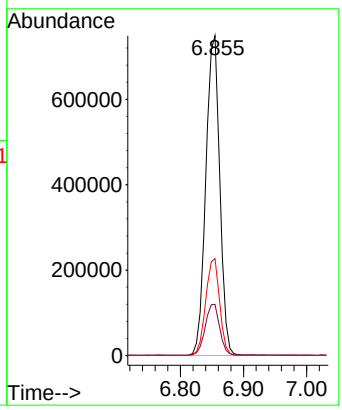


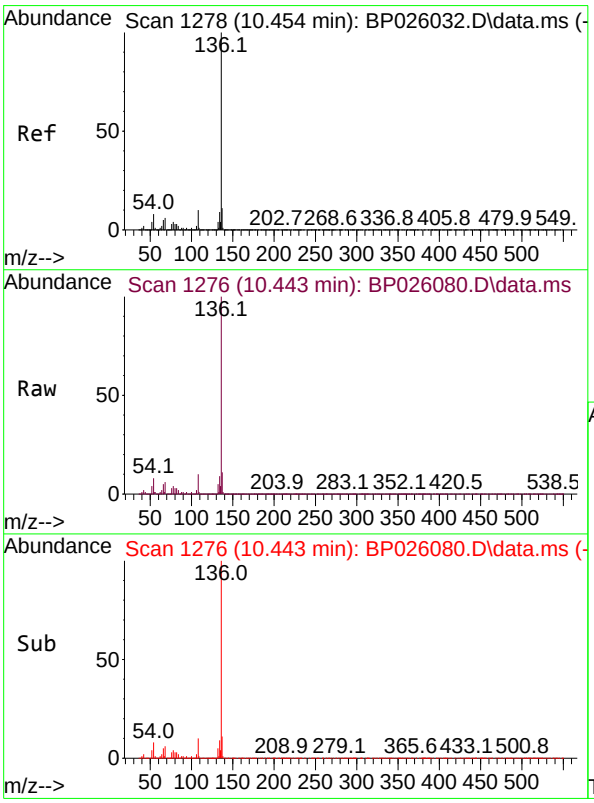
#7
Phenol-d6
Concen: 47.802 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 1149647

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.3	24.4	36.6

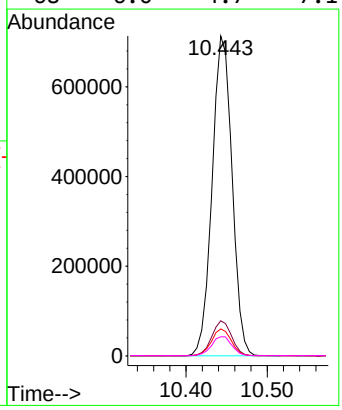


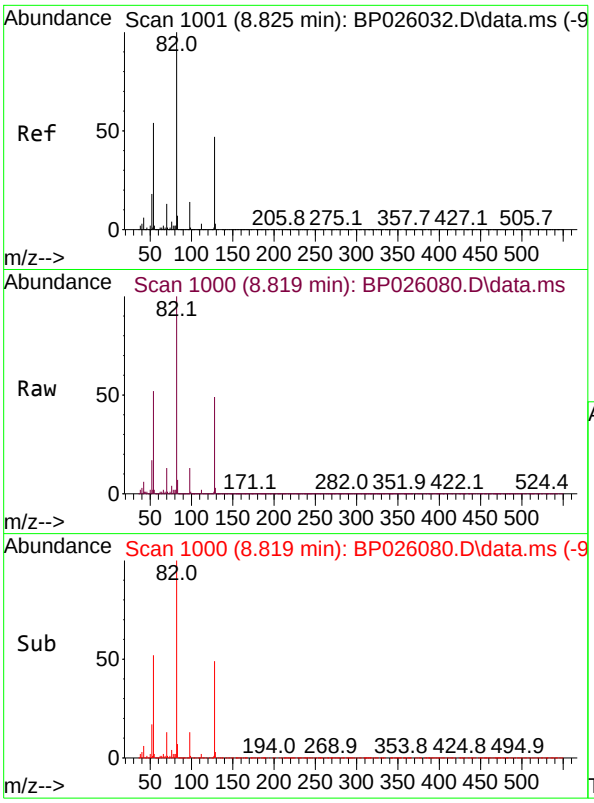


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:136 Resp: 1217060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1



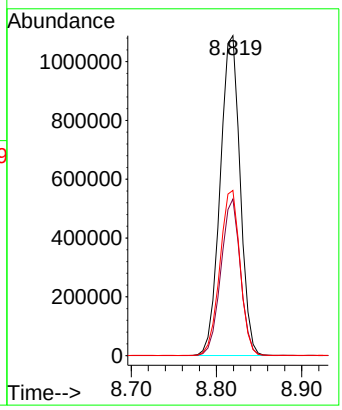


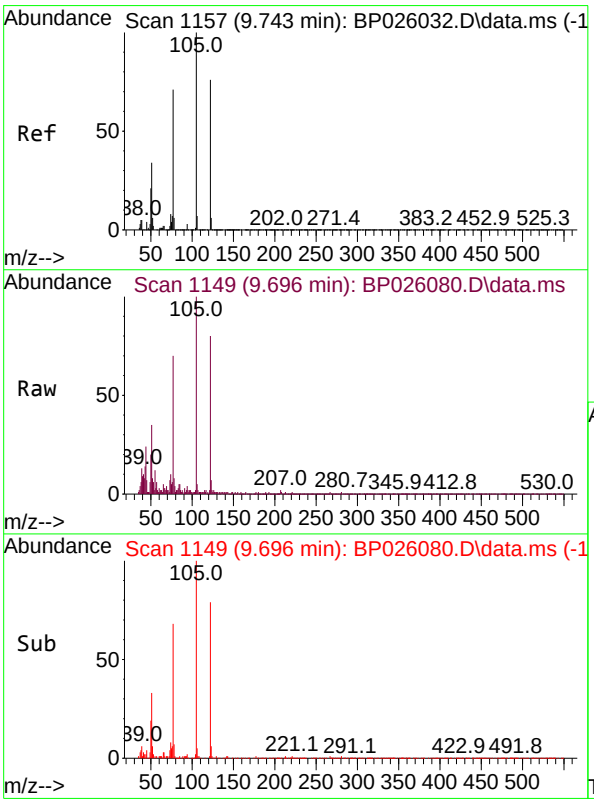
#23
Nitrobenzene-d5
Concen: 90.457 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion: 82 Resp: 1765997

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.4	56.0
54	51.6	42.7	64.1

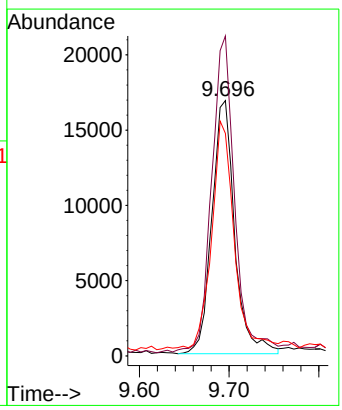


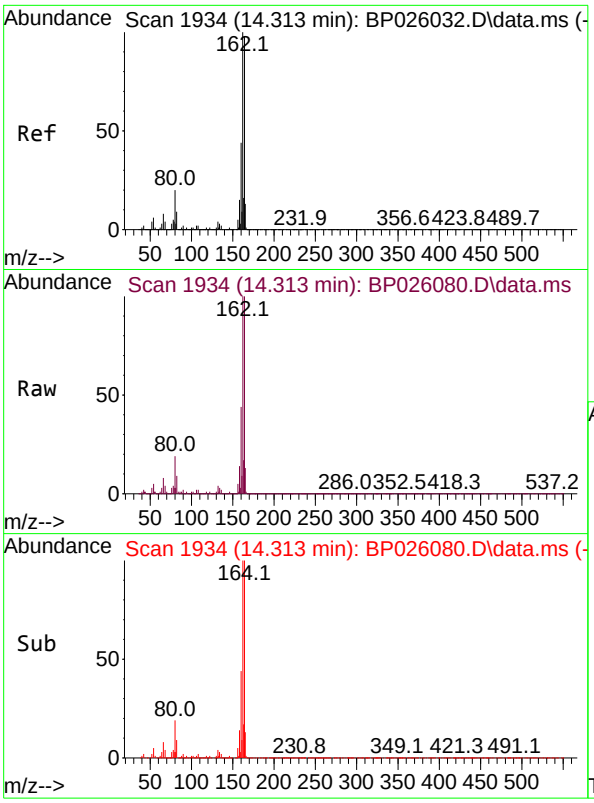


#32
Benzoic acid
Concen: 6.654 ng
RT: 9.696 min Scan# 1149
Delta R.T. -0.082 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:122 Resp: 29767

Ion	Ratio	Lower	Upper
122	100		
105	125.4	104.8	144.8
77	87.2	70.9	110.9



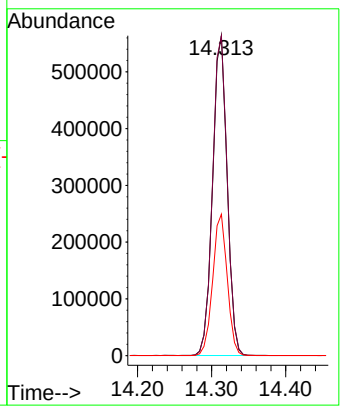


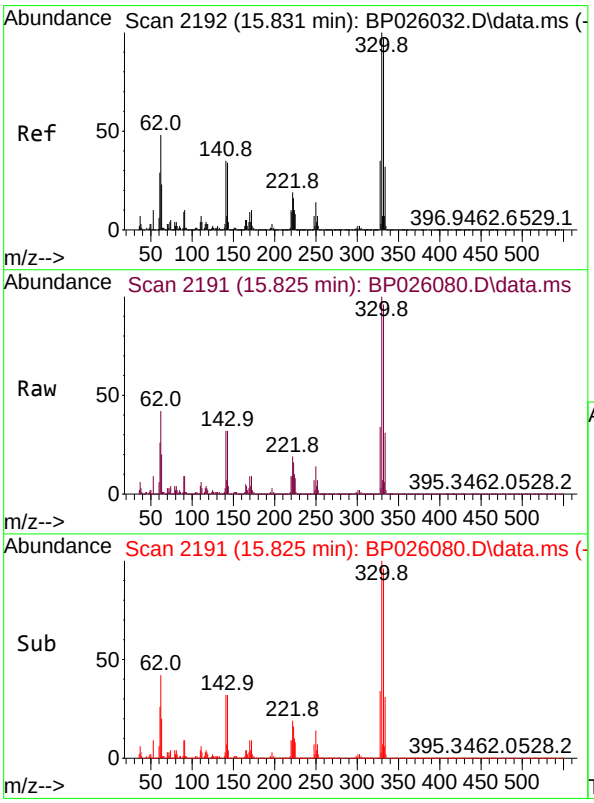
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:164 Resp: 769070

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.2	36.2	54.4

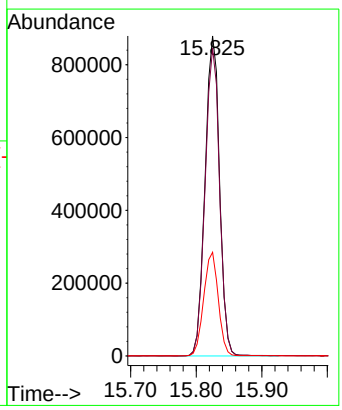


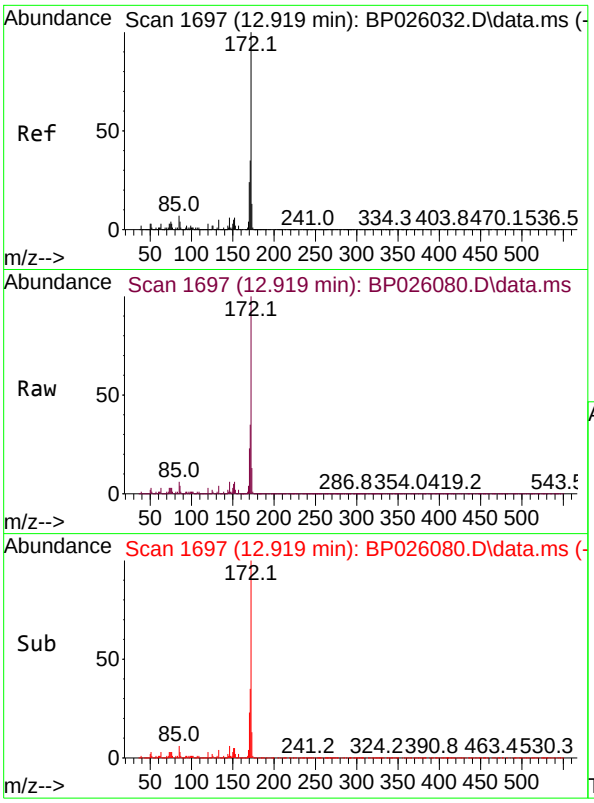


#42
2,4,6-Tribromophenol
Concen: 161.890 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:330 Resp: 1346021

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.5	28.6	42.8



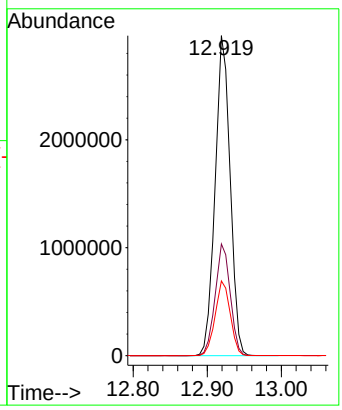


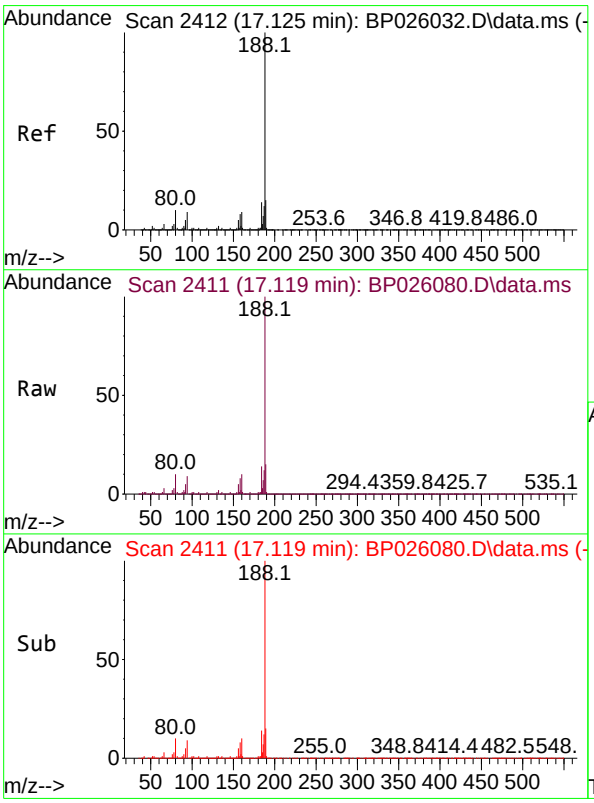
#45
2-Fluorobiphenyl
Concen: 77.980 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:172 Resp: 4173637

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.0	28.4

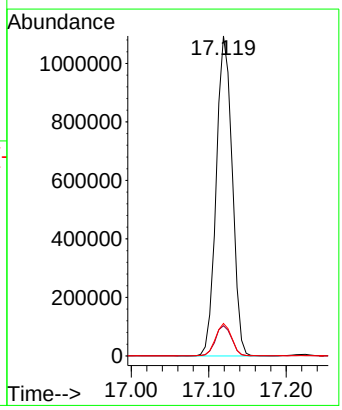


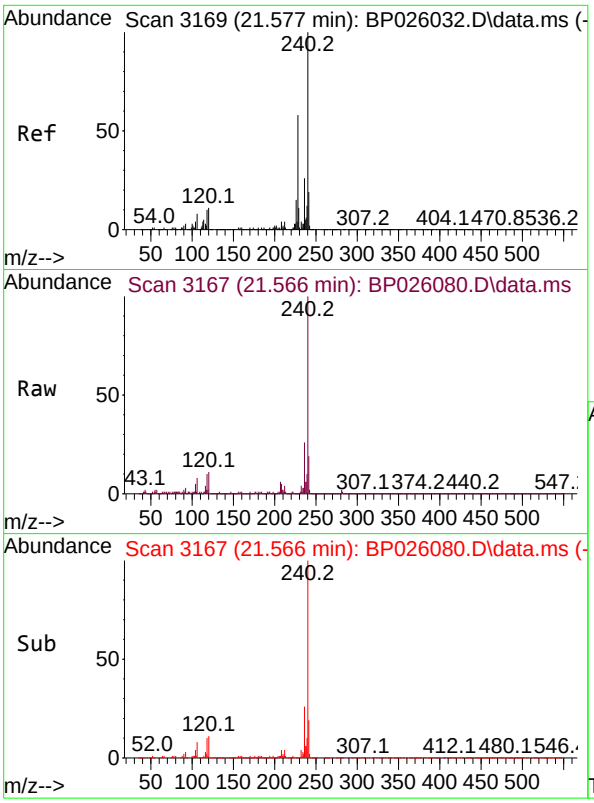


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:188 Resp: 1563789

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.9	11.9



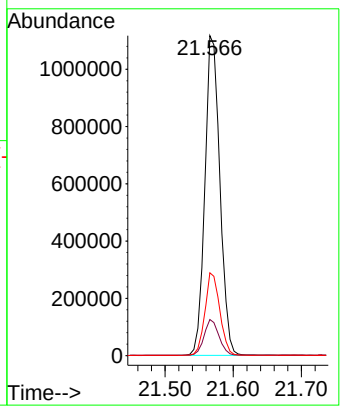


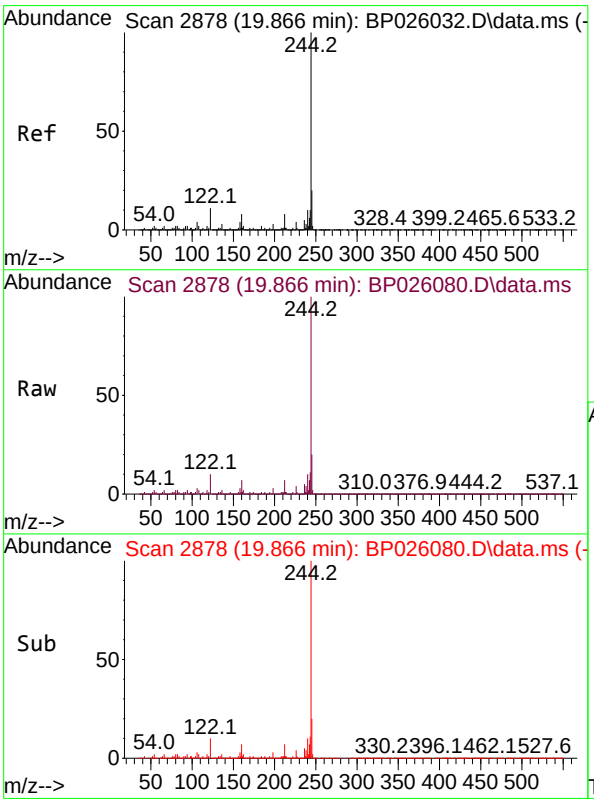
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:240 Resp: 1705423

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.6	31.0

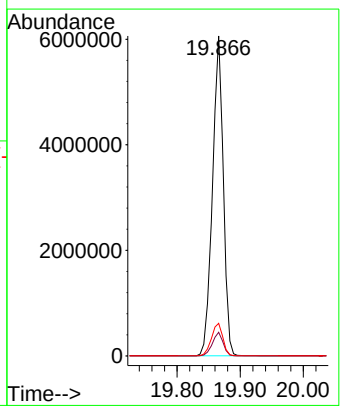


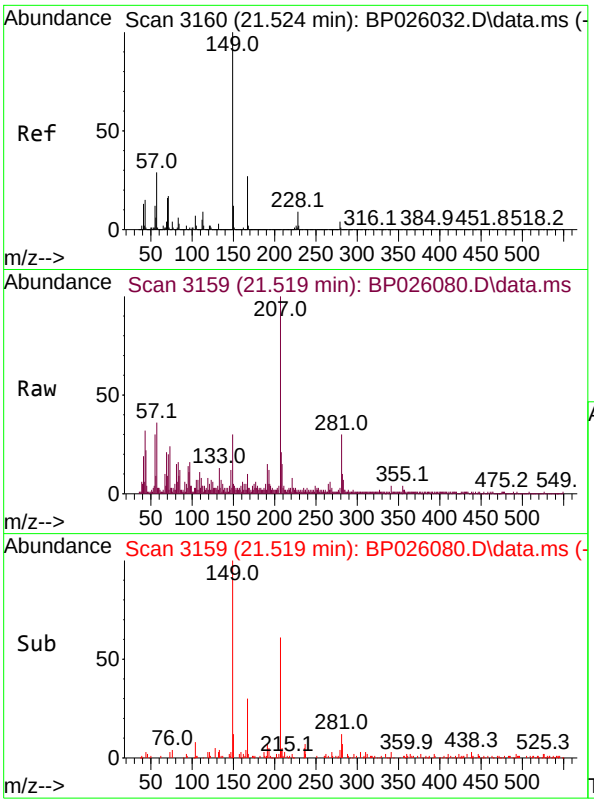


#79
Terphenyl-d14
Concen: 86.115 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:244 Resp: 7228578

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.2	9.0	13.6



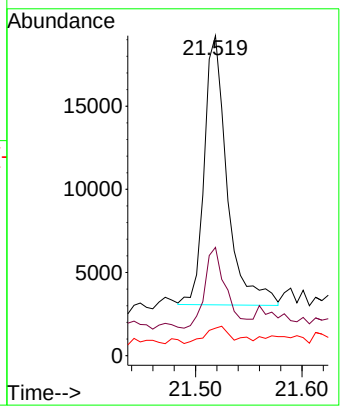


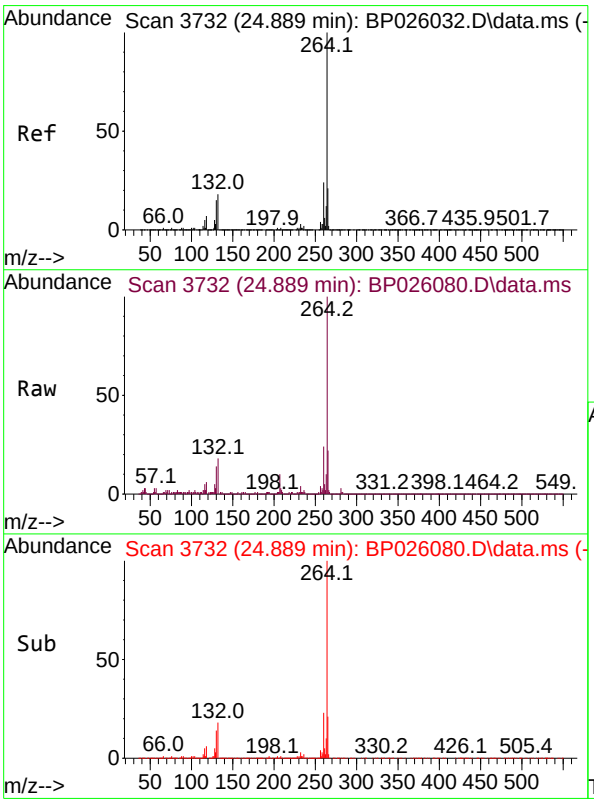
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.930 ng
RT: 21.519 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Instrument :
BNA_P
ClientSampleId :
FB-1

Tgt Ion:149 Resp: 24169

Ion	Ratio	Lower	Upper
149	100		
167	33.8	21.5	32.3#
279	8.6	3.0	4.6#

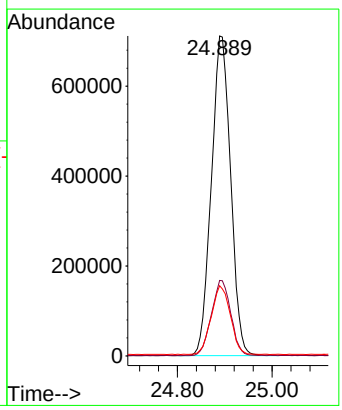




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:264 Resp: 2009785

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.9	17.2	25.8



Sample Results: **BP026080.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026080.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.837	316	323	329	rBV2	310246	446527	2.30%	0.497%
2	5.296	394	401	410	rBV	3245233	4596128	23.71%	5.119%
3	6.855	658	666	673	rBV	2002448	3106676	16.03%	3.460%
4	7.678	799	806	814	rBV	1118251	1753116	9.04%	1.952%
5	8.819	991	1000	1010	rVB	3222017	5252766	27.10%	5.850%
6	9.043	1017	1038	1056	rBV	2035950	7847720	40.48%	8.740%
7	10.443	1268	1276	1285	rBV	1416994	2414436	12.46%	2.689%
8	10.872	1341	1349	1359	rVB6	100669	247869	1.28%	0.276%
9	11.019	1367	1374	1393	rVB9	53664	228252	1.18%	0.254%
10	11.254	1409	1414	1418	rBV3	184637	359186	1.85%	0.400%
11	12.919	1690	1697	1706	rBV	8292106	11711828	60.42%	13.043%
12	14.313	1927	1934	1942	rVB	2309514	3200455	16.51%	3.564%
13	14.584	1975	1980	1987	rBV	150307	223023	1.15%	0.248%
14	15.013	2047	2053	2069	rVB	858416	1275868	6.58%	1.421%
15	15.825	2184	2191	2200	rBV	6487063	9974613	51.46%	11.108%
16	17.119	2405	2411	2421	rVB2	2627431	3798726	19.60%	4.230%
17	17.854	2530	2536	2541	rBV	667999	839639	4.33%	0.935%
18	18.078	2569	2574	2583	rBV2	454644	738157	3.81%	0.822%
19	19.225	2765	2769	2773	rBV	301417	384984	1.99%	0.429%
20	19.295	2777	2781	2793	rVV	809818	1364282	7.04%	1.519%
21	19.419	2797	2802	2812	rVV	294939	547347	2.82%	0.610%
22	19.866	2872	2878	2889	rBV	16132659	19384266	100.00%	21.587%
23	21.566	3162	3167	3180	rVB	3043972	4780759	24.66%	5.324%
24	24.889	3725	3732	3746	rVB	1886389	5317440	27.43%	5.922%

Sum of corrected areas: 89794063

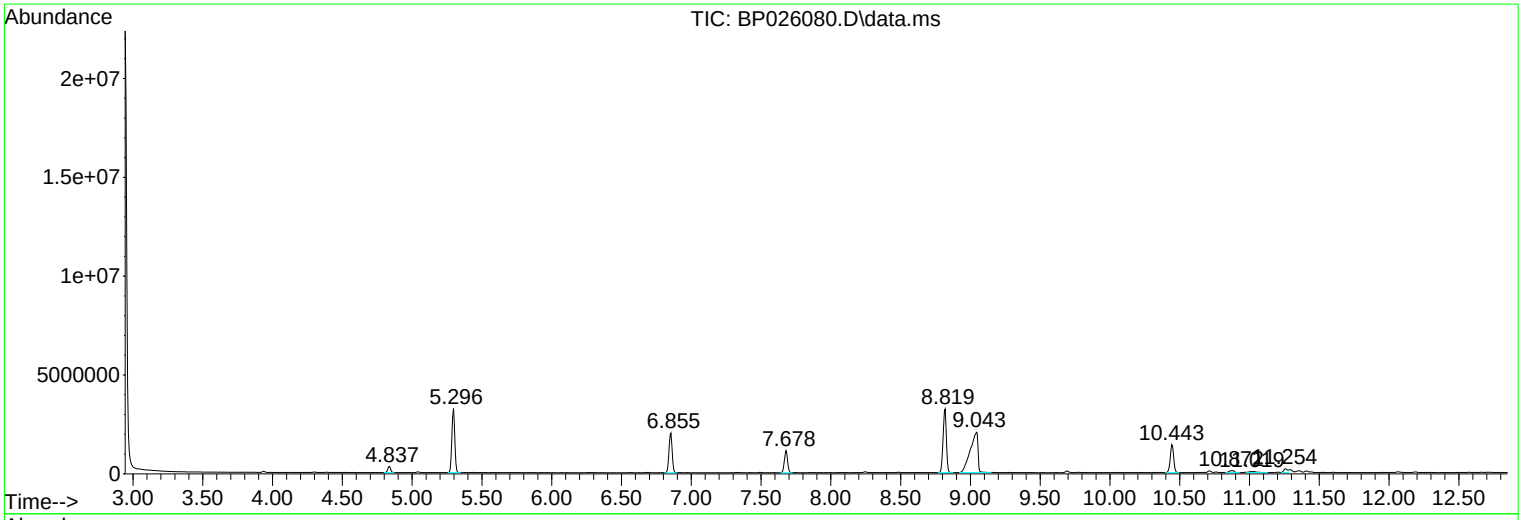
Sample Results: **BP026080.D**

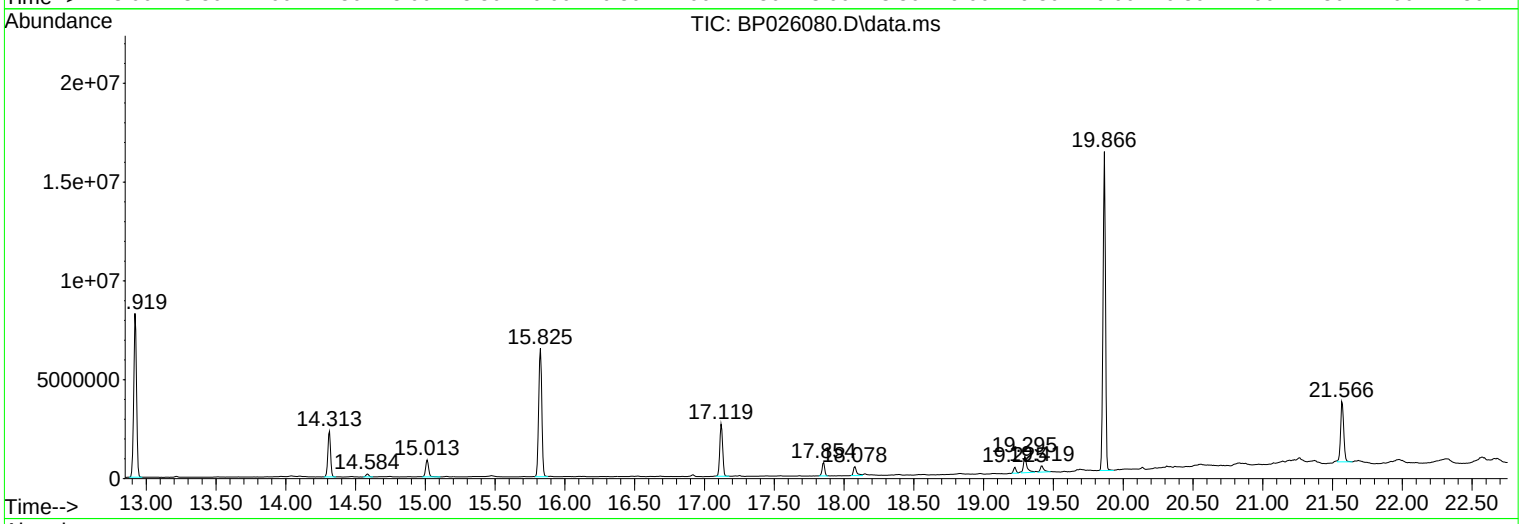
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

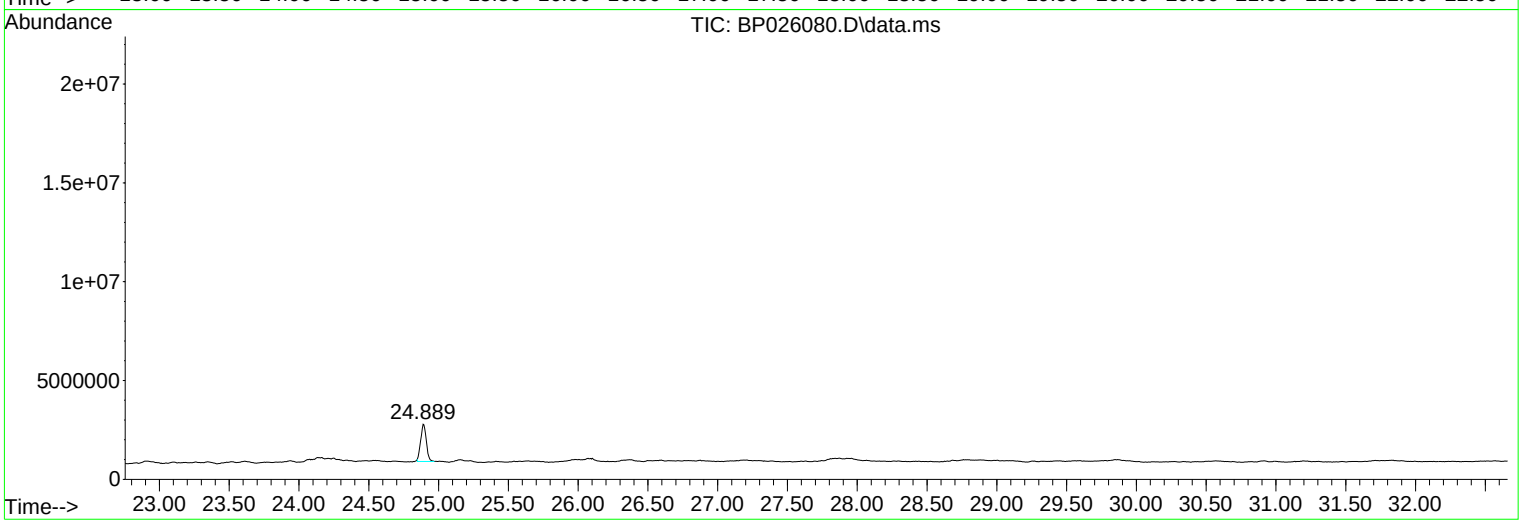
Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

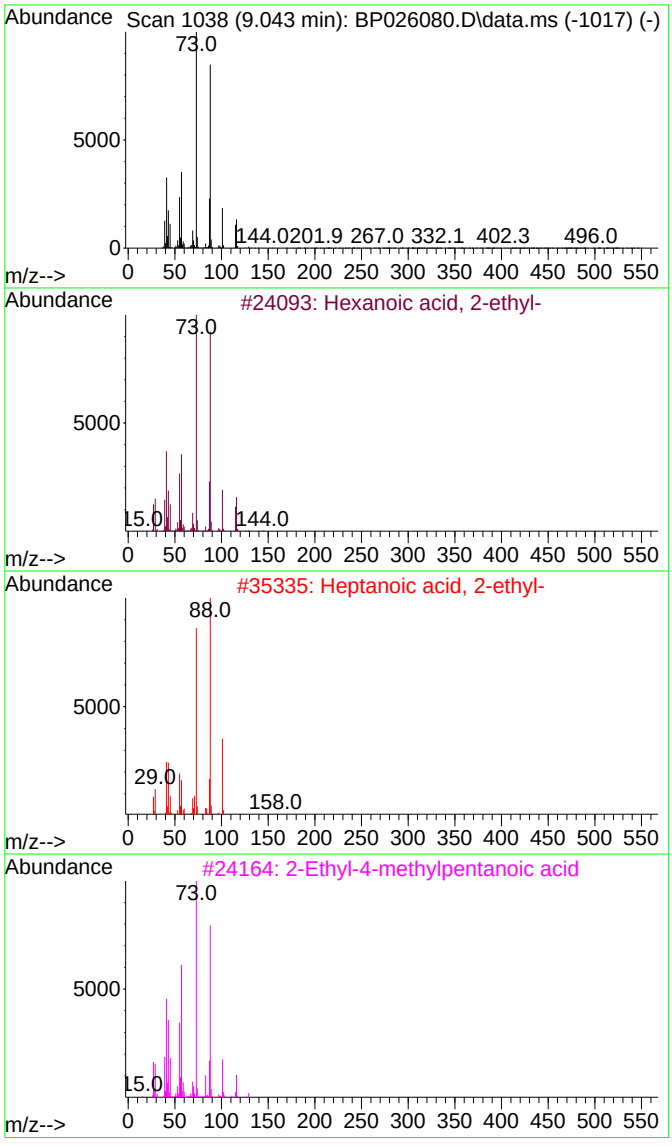
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

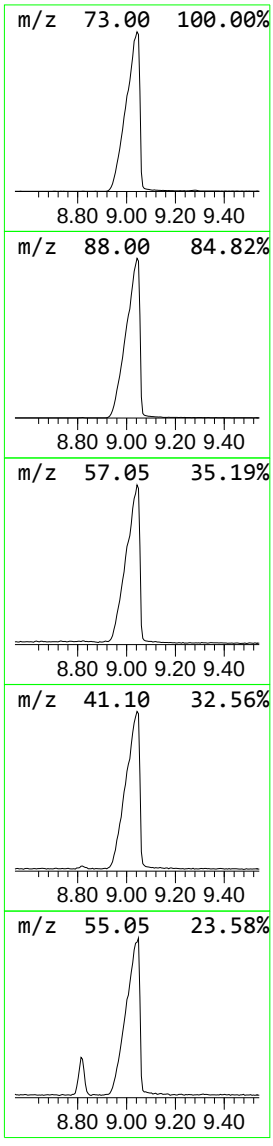
****

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.043	89.53 ng	7847720	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	91
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	47
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

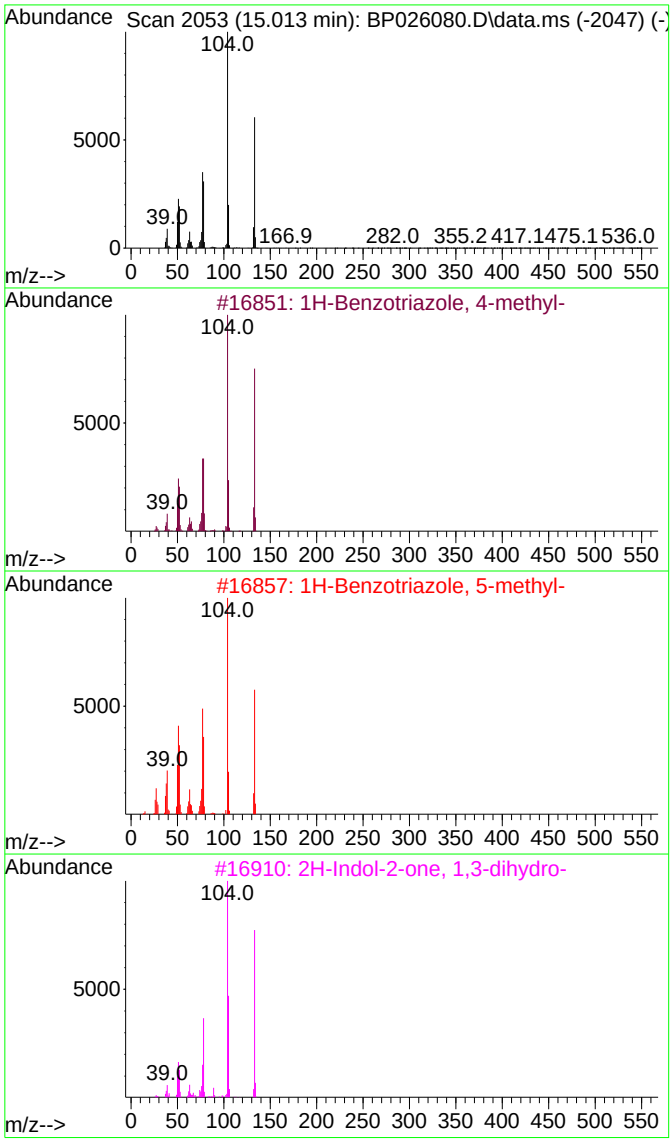
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

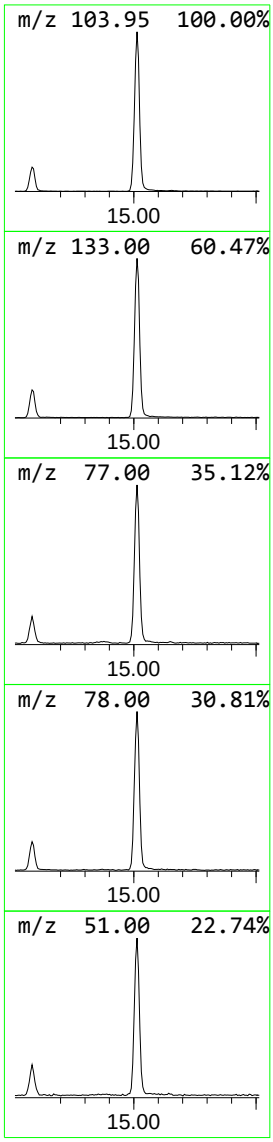
****

Peak Number 5 1H-Benzotriazole, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	7.97 ng	1275870	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	83
4	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	72
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

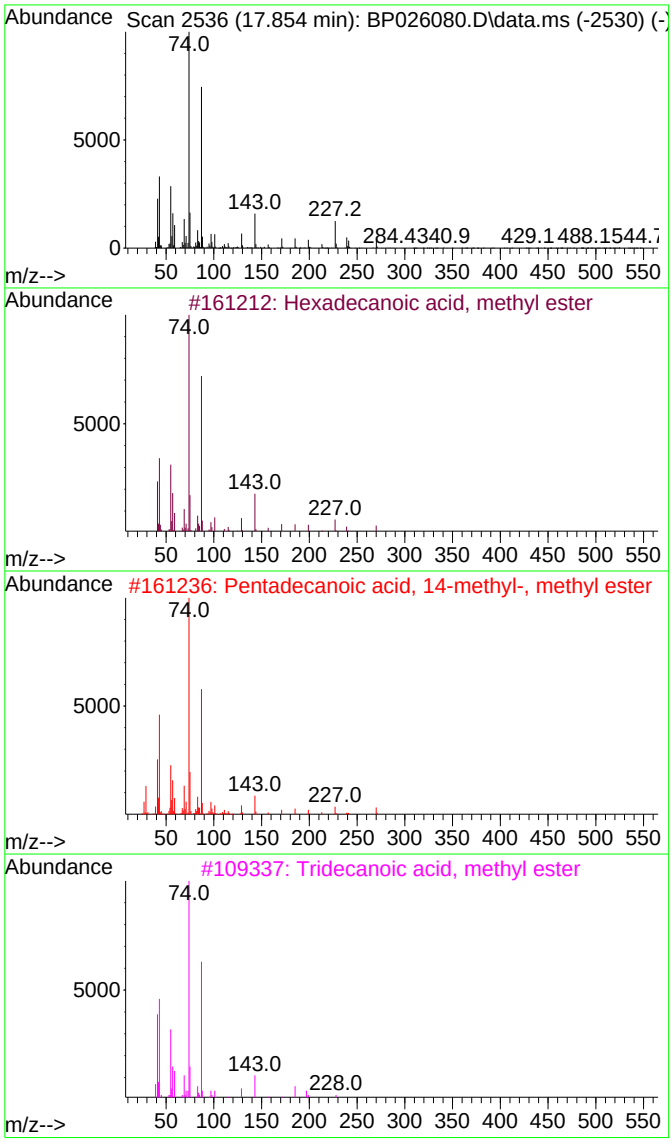
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

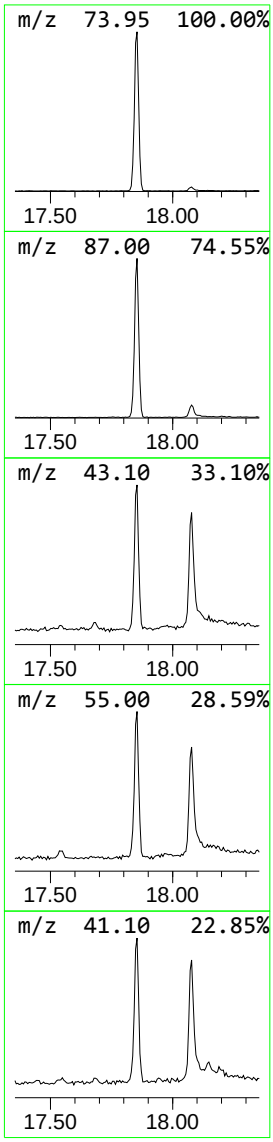
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.854	4.42 ng	839639	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl stearate	298	C19H38O2	000112-61-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

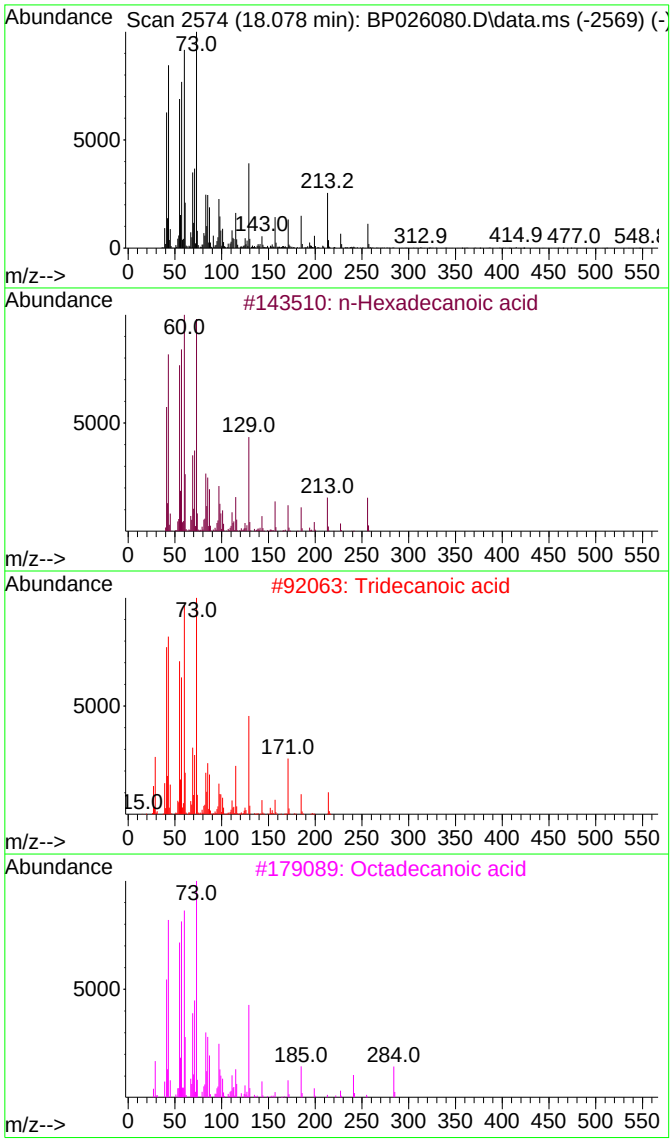
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

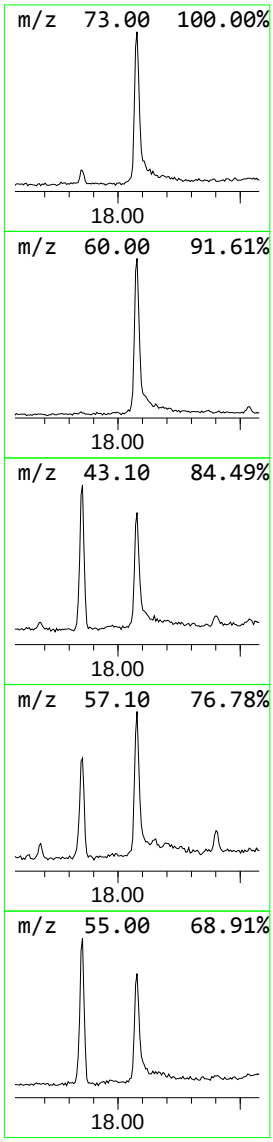
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	3.89 ng	738157	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

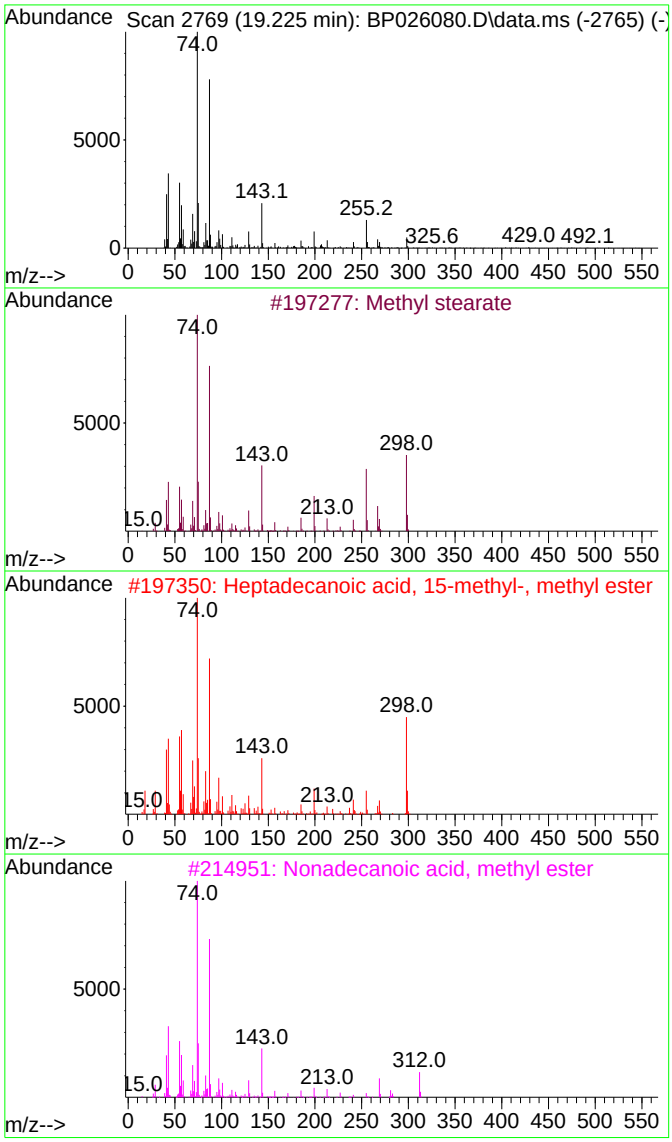
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

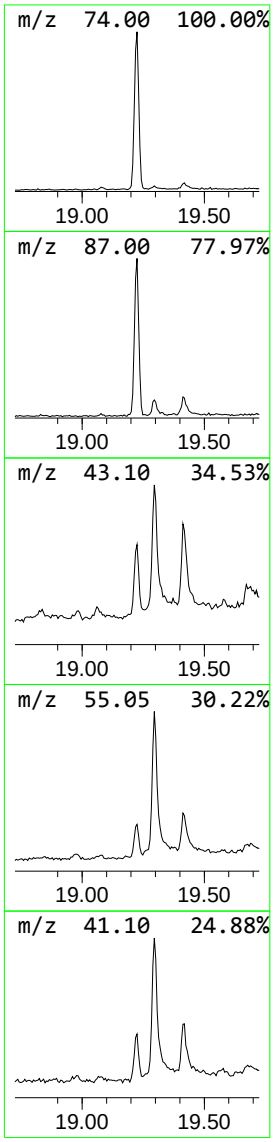
****

Peak Number 8 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.225	2.03 ng	384984	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

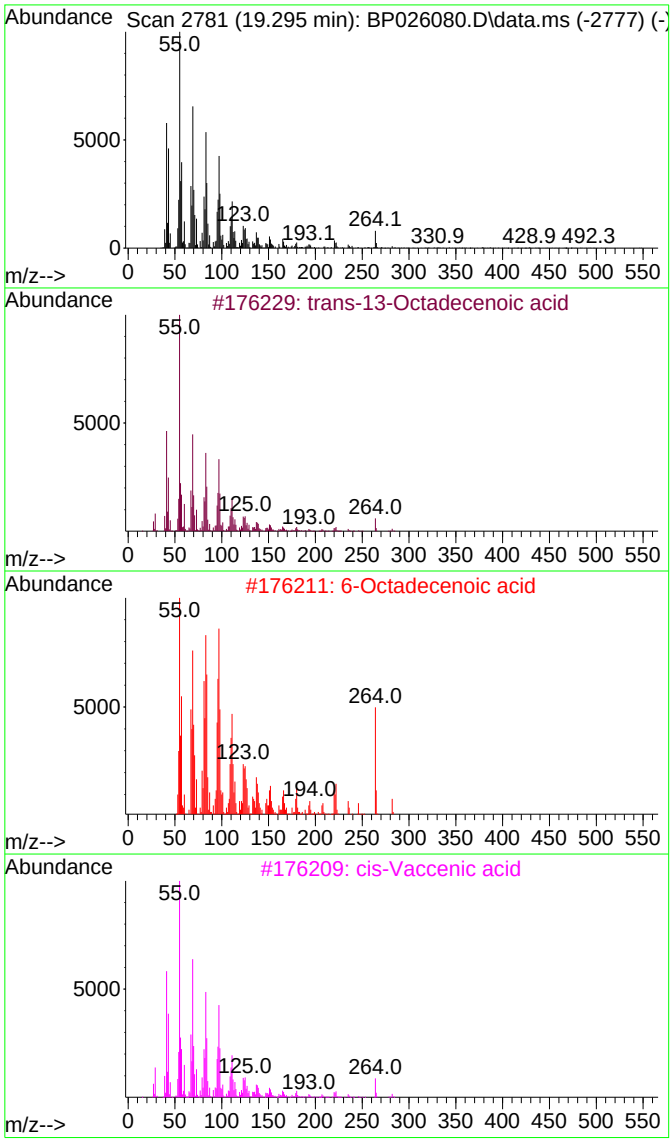
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

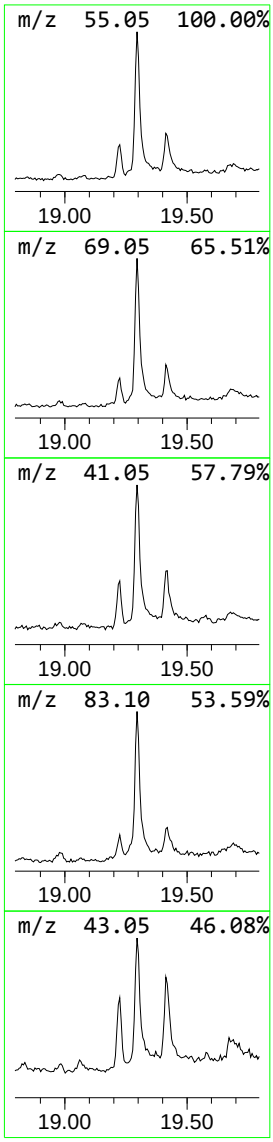
****

Peak Number 9 trans-13-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.295	7.18 ng	1364280	Phenanthrene-d10	17.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	93
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	93
5	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

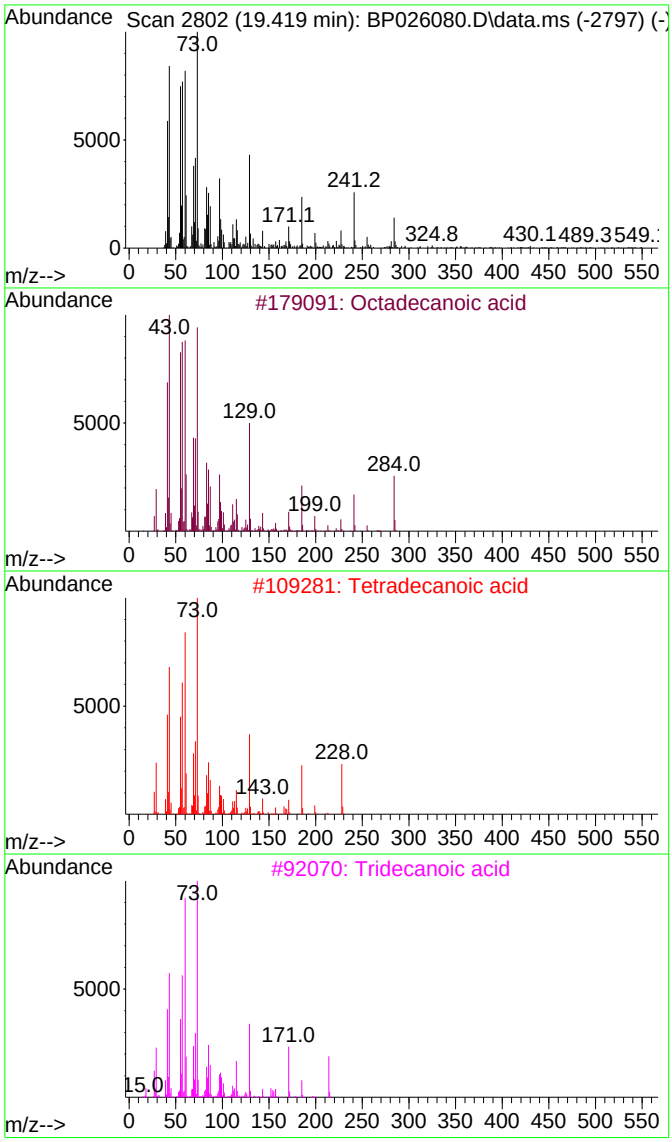
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

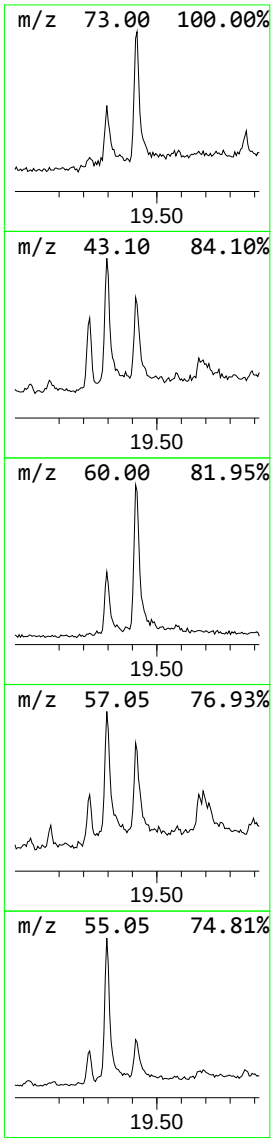
****

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	2.29 ng	547347	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026080.D
Acq On : 06 Nov 2025 17:04
Operator : RC/JU
Sample : Q3534-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.043	89.5	ng	7847720	1	7.678	1753120	20.0
1H-Benzotriazol...	15.013	8.0	ng	1275870	3	14.313	3200460	20.0
Hexadecanoic ac...	17.854	4.4	ng	839639	4	17.119	3798730	20.0
n-Hexadecanoic ...	18.078	3.9	ng	738157	4	17.119	3798730	20.0
Methyl stearate	19.225	2.0	ng	384984	4	17.119	3798730	20.0
trans-13-Octade...	19.295	7.2	ng	1364280	4	17.119	3798730	20.0
Octadecanoic acid	19.419	2.3	ng	547347	5	21.566	4780760	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Time: Nov 07 01:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

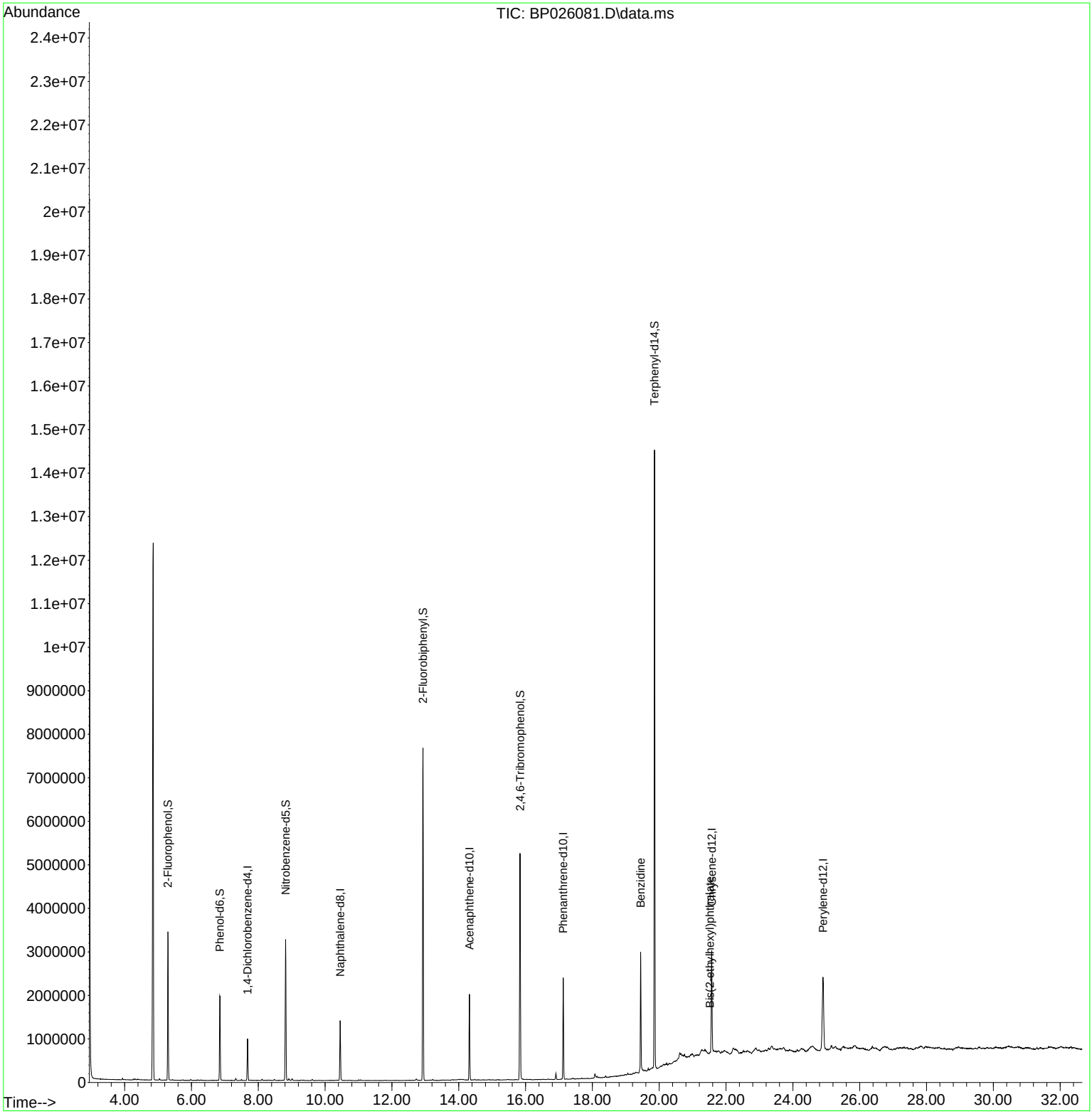
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	277359	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1074842	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	656338	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1338846	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1519419	20.000	ng		0.00
86) Perylene-d12	24.901	264	1841615	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1437672	85.532	ng		0.00
7) Phenol-d6	6.849	99	1101390	51.481	ng		0.00
23) Nitrobenzene-d5	8.819	82	1711143	99.245	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	1158129	163.217	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	3915612	85.725	ng		0.00
79) Terphenyl-d14	19.860	244	6948205	92.908	ng		0.00
Target Compounds							Qvalue
77) Benzidine	19.442	184	1600987	41.512	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	15838	2.842	ng	#	95

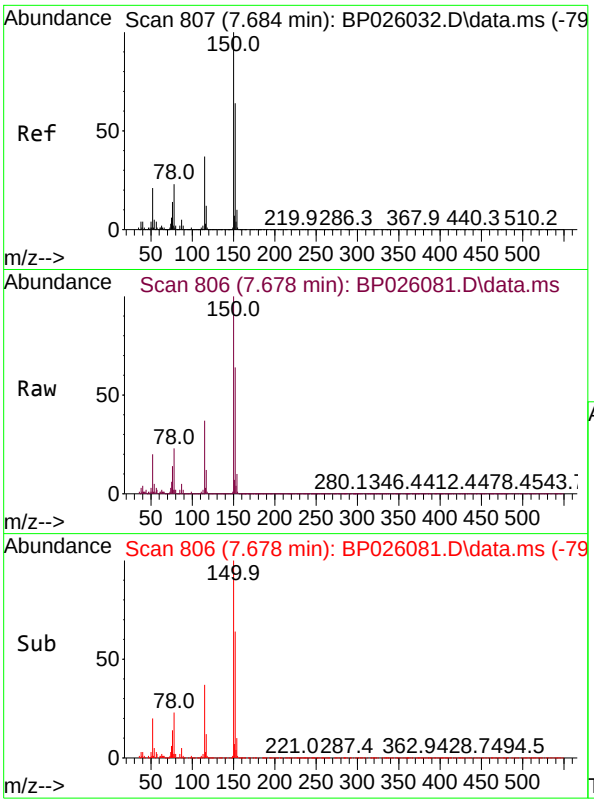
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Time: Nov 07 01:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



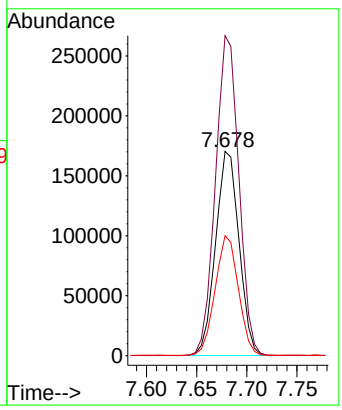


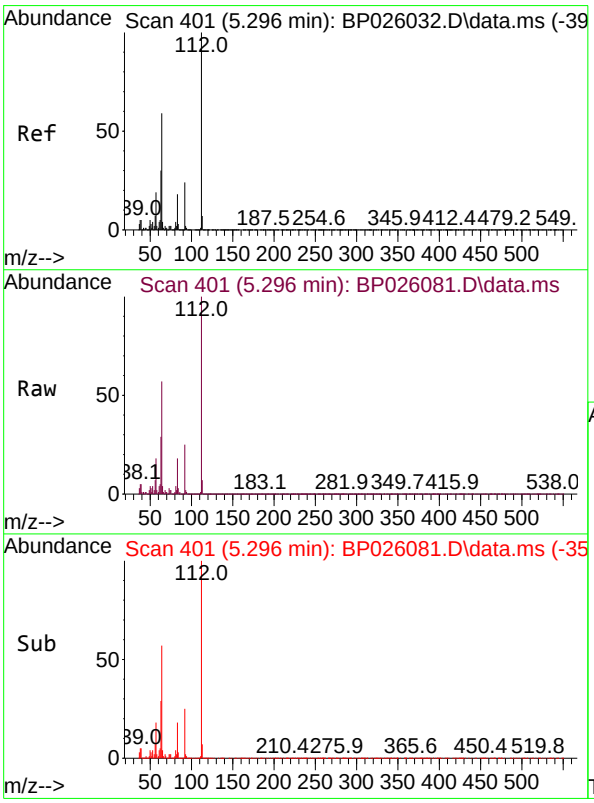
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:152 Resp: 277359

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.7	188.5
115	58.7	46.4	69.6

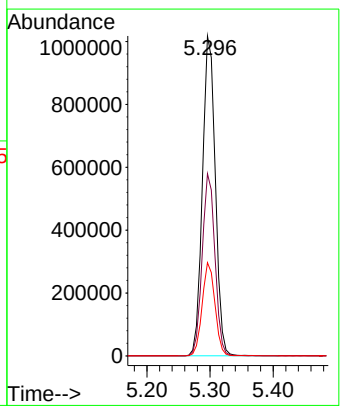


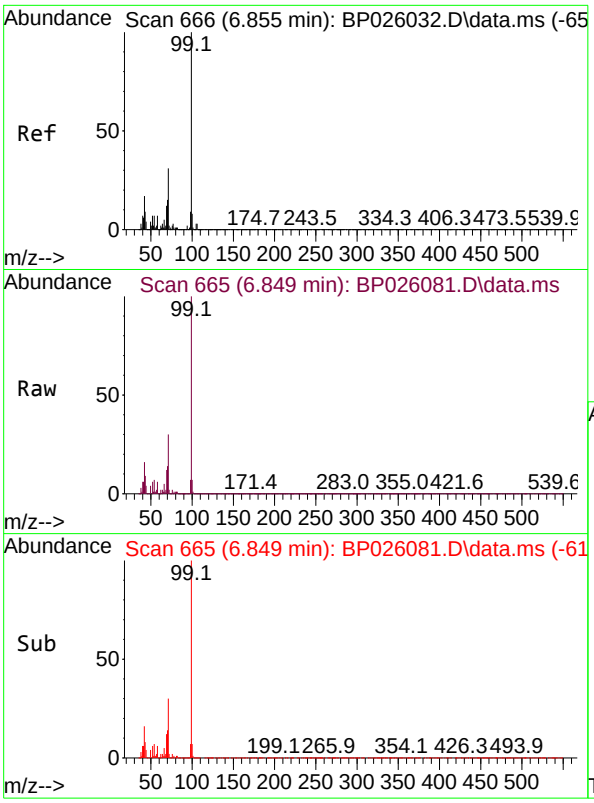


#5
2-Fluorophenol
Concen: 85.532 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:112 Resp: 1437672

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	29.1	24.2	36.4



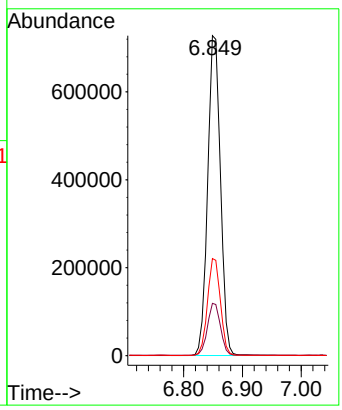


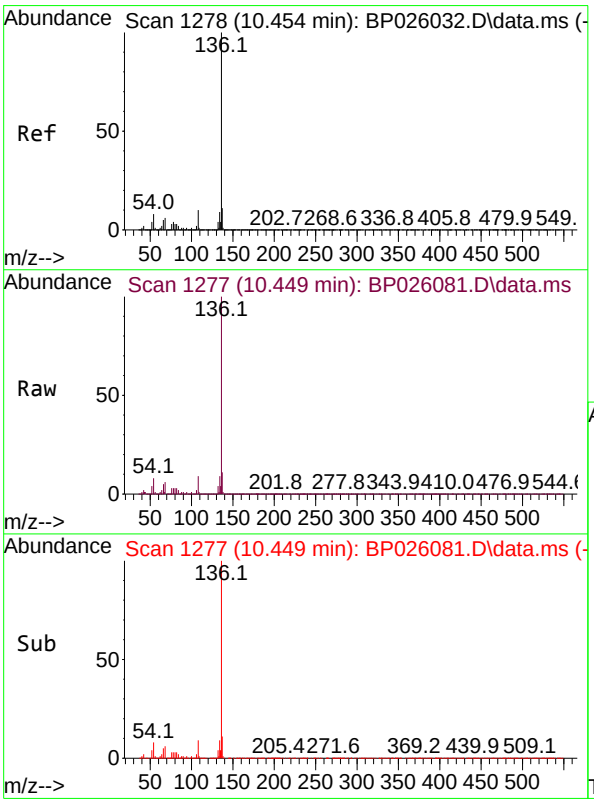
#7
Phenol-d6
Concen: 51.481 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion: 99 Resp: 1101390

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	30.3	24.4	36.6

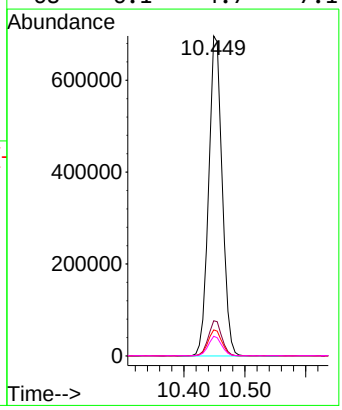


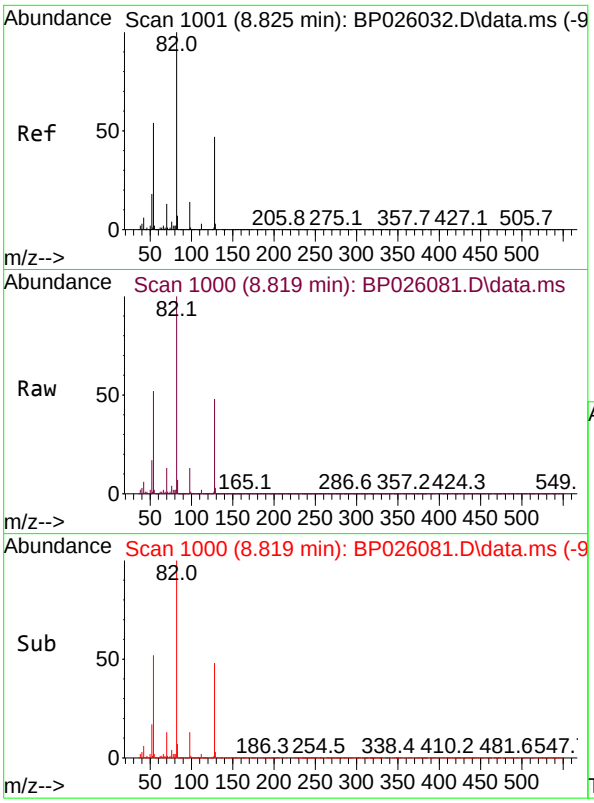


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:136 Resp: 1074842

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.6	10.0
68	6.1	4.7	7.1



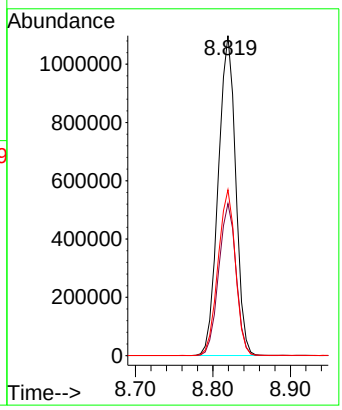


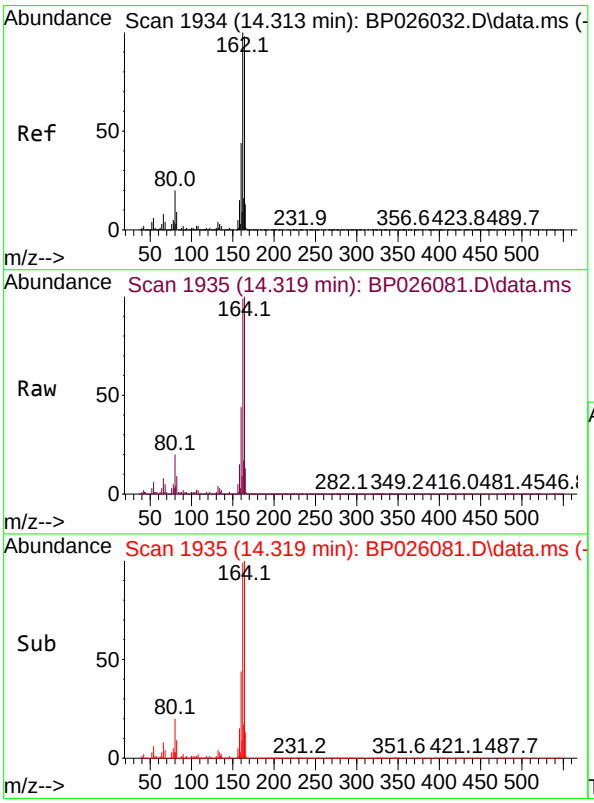
#23
Nitrobenzene-d5
Concen: 99.245 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion: 82 Resp: 1711143

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.9	42.7	64.1

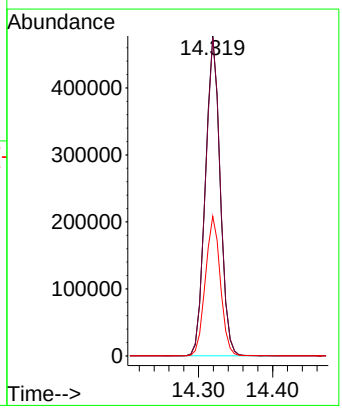


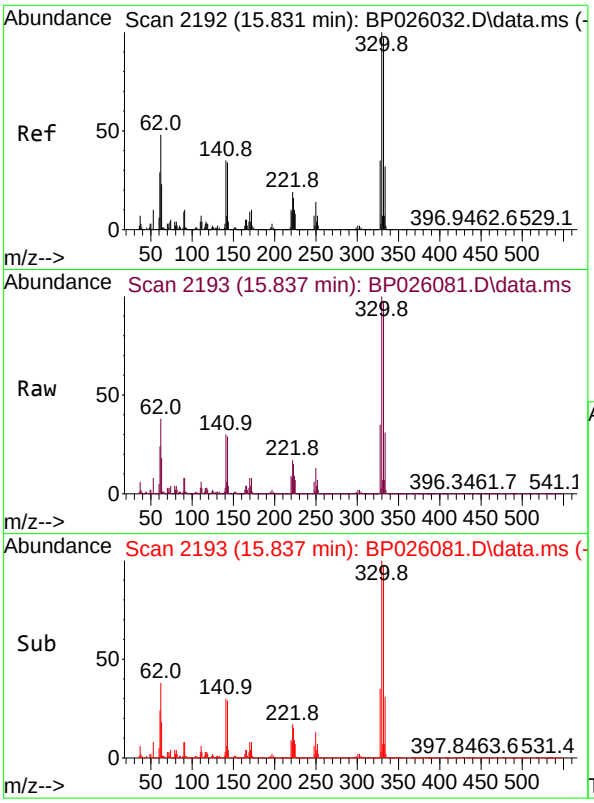


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:164 Resp: 656338

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.5	122.3
160	43.6	36.2	54.4



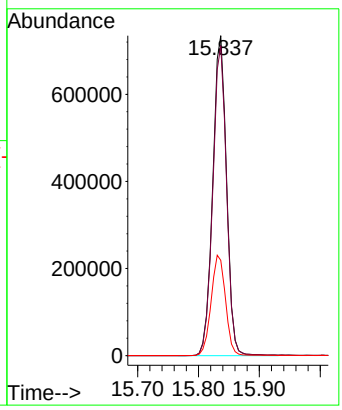


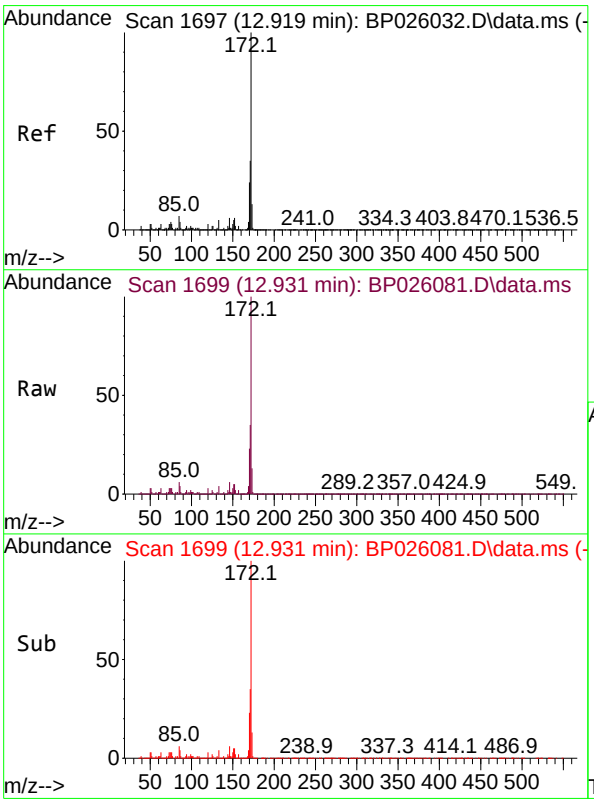
#42
2,4,6-Tribromophenol
Concen: 163.217 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:330 Resp: 1158129

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.7	28.6	42.8

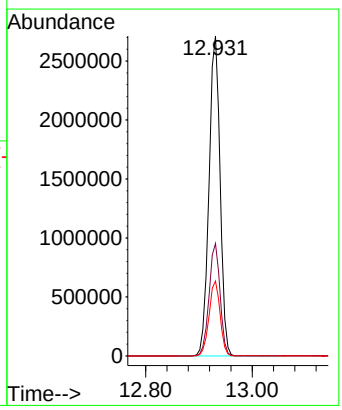


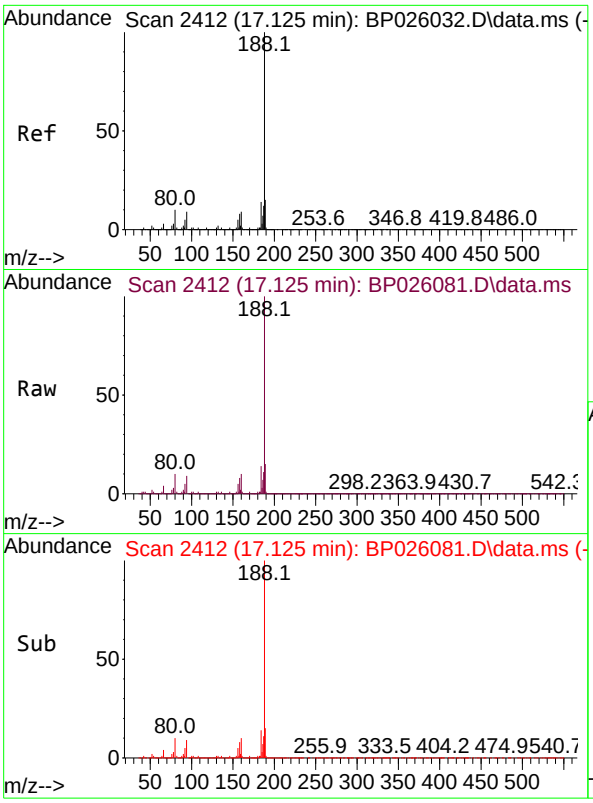


#45
2-Fluorobiphenyl
Concen: 85.725 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:172 Resp: 3915612

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.4	19.0	28.4



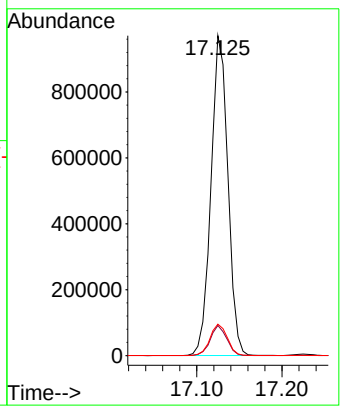


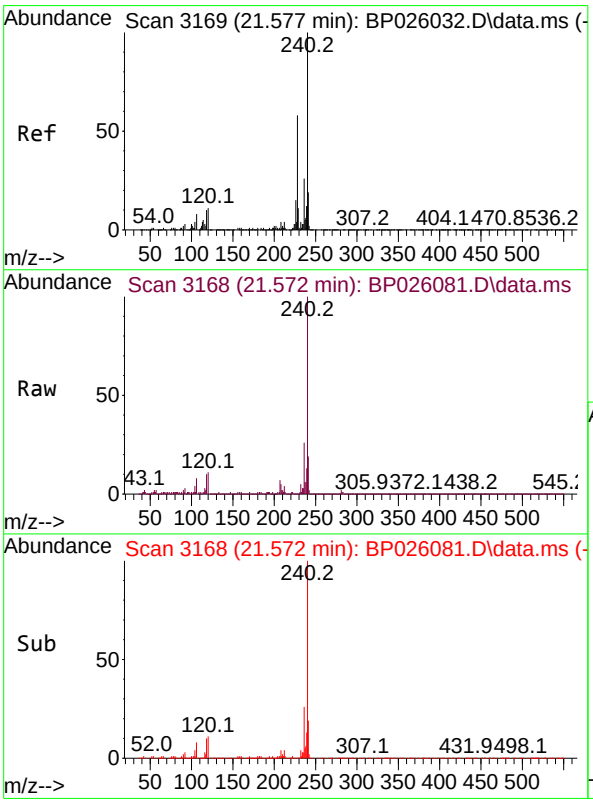
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:188 Resp: 1338846

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.8	7.9	11.9

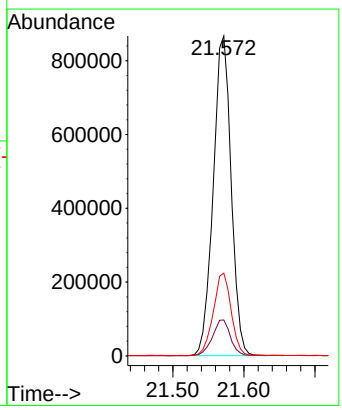


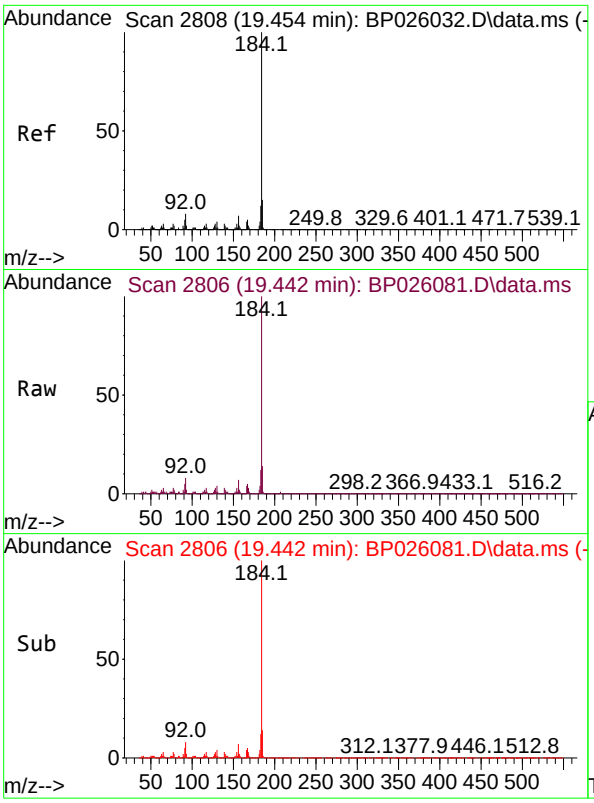


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:240 Resp: 1519419

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.9	20.6	31.0



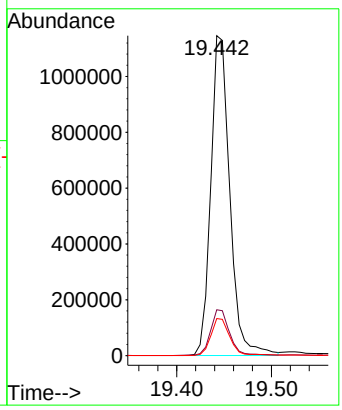


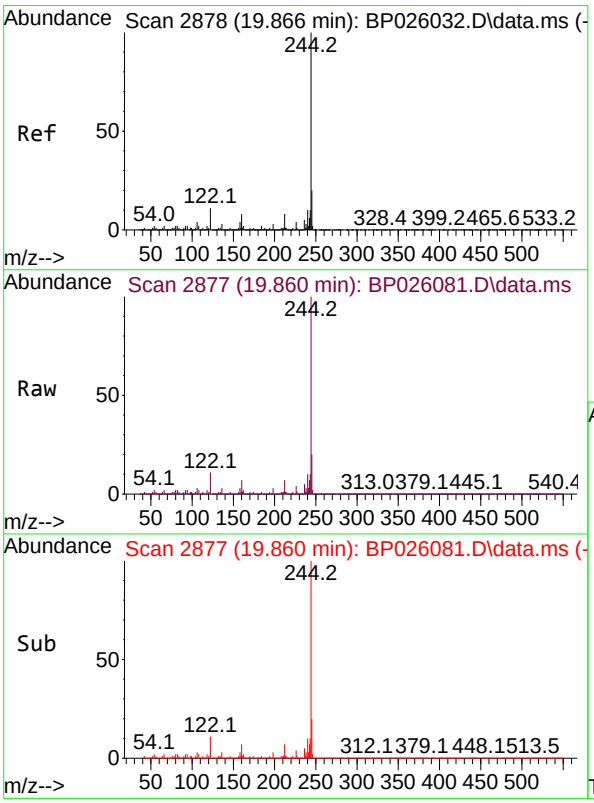
#77
Benzidine
Concen: 41.512 ng
RT: 19.442 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:184 Resp: 1600987

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.9	17.9
183	11.6	9.2	13.8

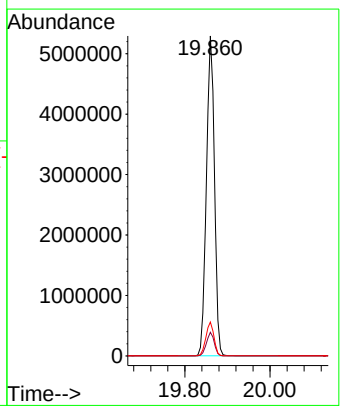


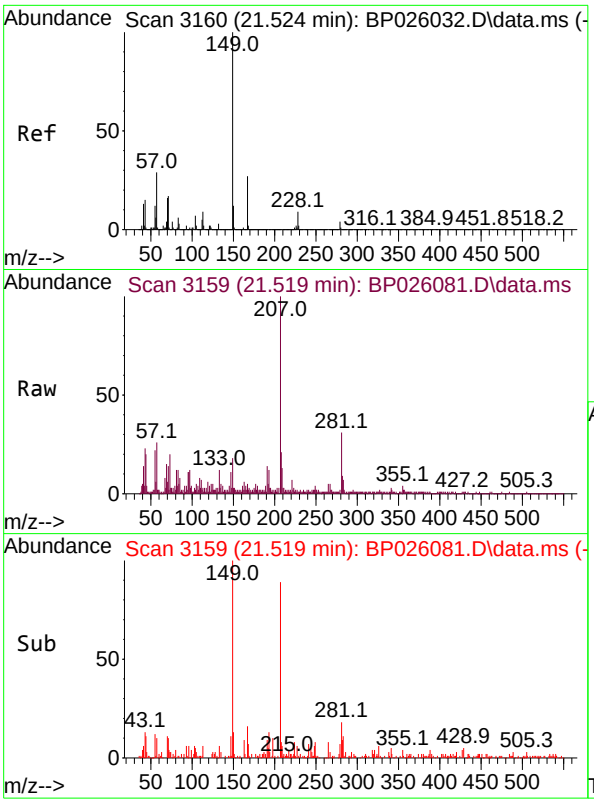


#79
Terphenyl-d14
Concen: 92.908 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.006 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:244 Resp: 6948205

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	9.0	13.6



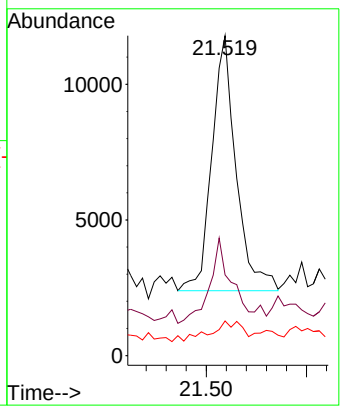


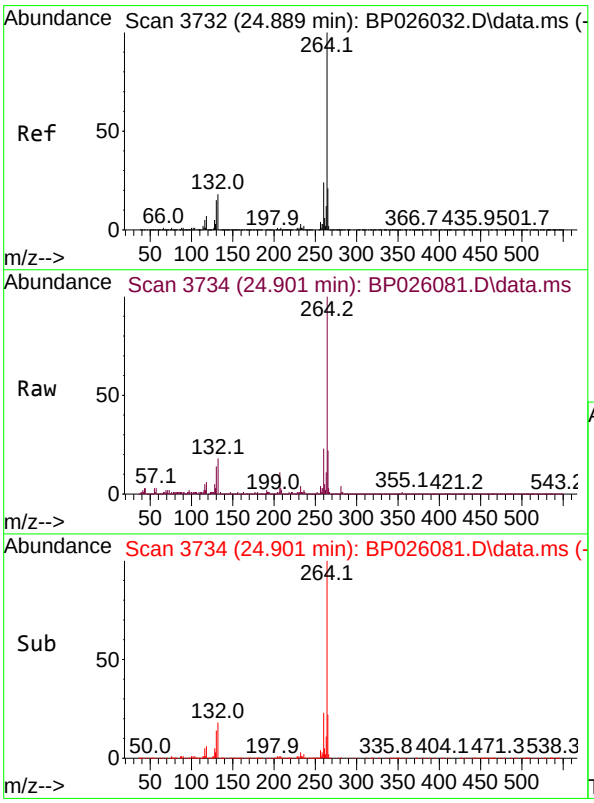
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.842 ng
RT: 21.519 min Scan# 31
Delta R.T. 0.001 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Instrument :
BNA_P
ClientSampleId :
EB-1

Tgt Ion:149 Resp: 15838

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.5	32.3
279	10.8	3.0	4.6#

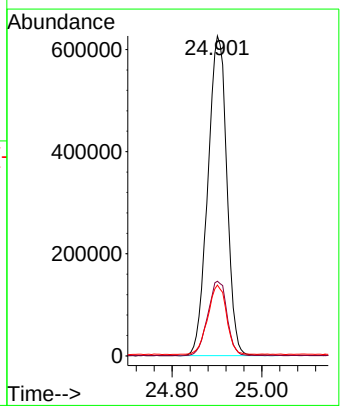




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026081.D
Acq: 06 Nov 2025 17:45

Tgt Ion:264 Resp: 1841615

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026081.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.855	317	326	331	rBV	12342431	19885082	100.00%	21.125%
2	5.296	395	401	408	rBV	3409556	4773446	24.01%	5.071%
3	6.849	659	665	674	rBV	1936686	2976072	14.97%	3.162%
4	7.678	798	806	813	rBV	961665	1557990	7.83%	1.655%
5	8.819	992	1000	1009	rBV	3235484	5085393	25.57%	5.402%
6	10.449	1270	1277	1294	rVB	1376759	2157045	10.85%	2.292%
7	12.931	1691	1699	1705	rBV	7634552	11010923	55.37%	11.697%
8	14.319	1929	1935	1947	rVB	1974724	2751816	13.84%	2.923%
9	15.831	2185	2192	2203	rBV	5204682	8634212	43.42%	9.173%
10	16.907	2369	2375	2382	rVB3	141536	213900	1.08%	0.227%
11	17.125	2405	2412	2420	rVB2	2329717	3252226	16.36%	3.455%
12	18.072	2568	2573	2581	rBV3	98173	227016	1.14%	0.241%
13	19.442	2798	2806	2817	rBV	2767161	3975709	19.99%	4.224%
14	19.860	2871	2877	2890	rVB	14215331	18654675	93.81%	19.818%
15	21.572	3161	3168	3178	rBV2	2346404	4209997	21.17%	4.472%
16	24.901	3725	3734	3745	rVB	1642197	4765476	23.97%	5.063%

Sum of corrected areas: 94130978

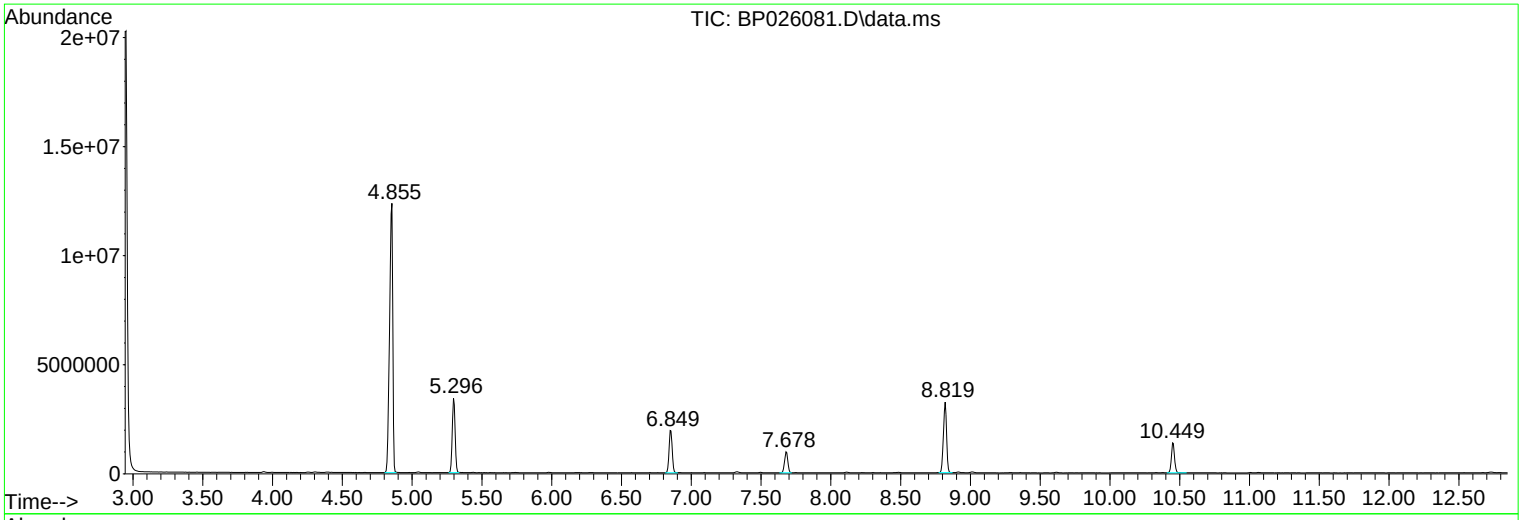
Sample Results: **BP026081.D**

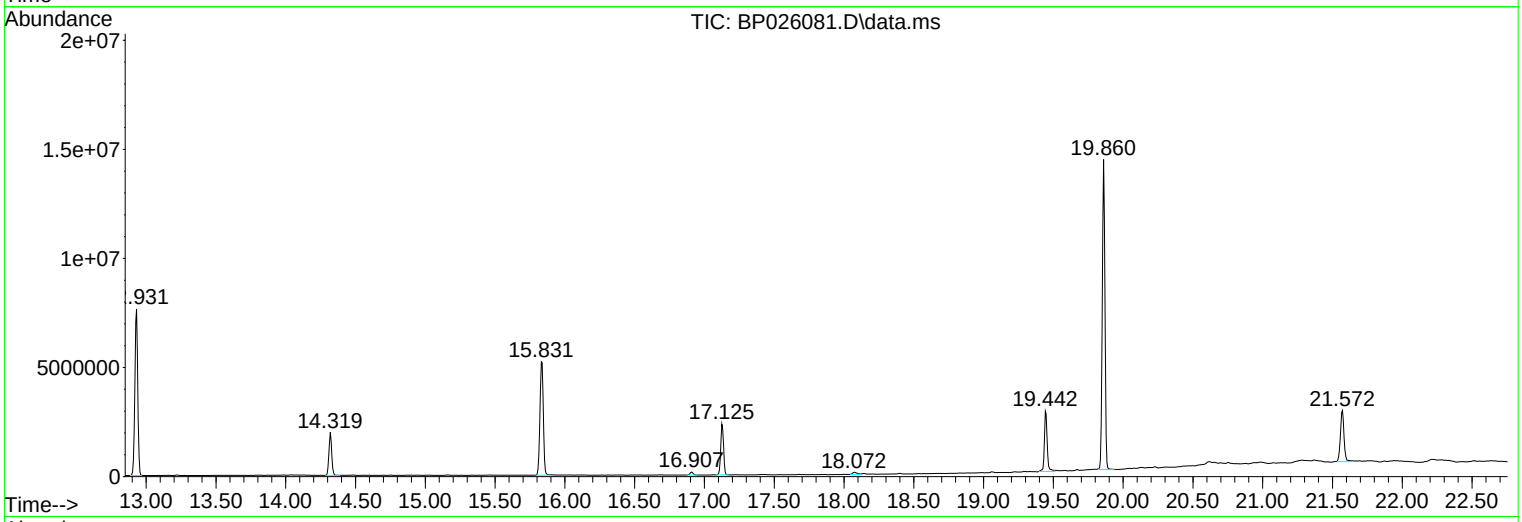
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

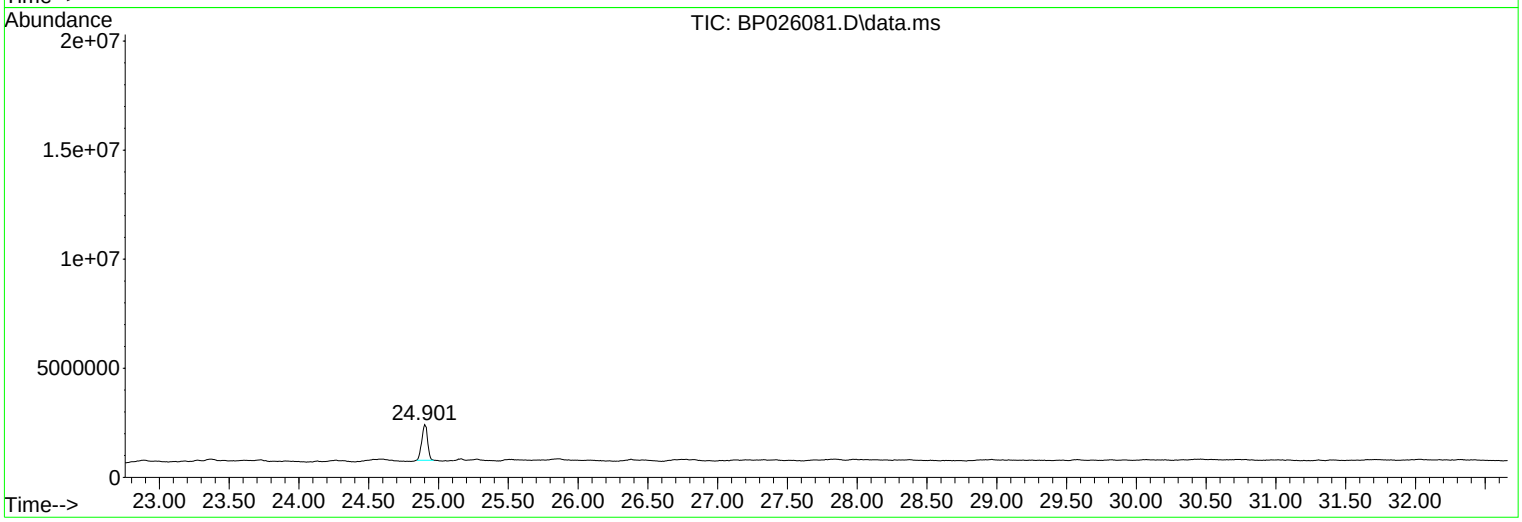
Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Sample Results: **BP026081.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026081.D
Acq On : 06 Nov 2025 17:45
Operator : RC/JU
Sample : Q3534-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

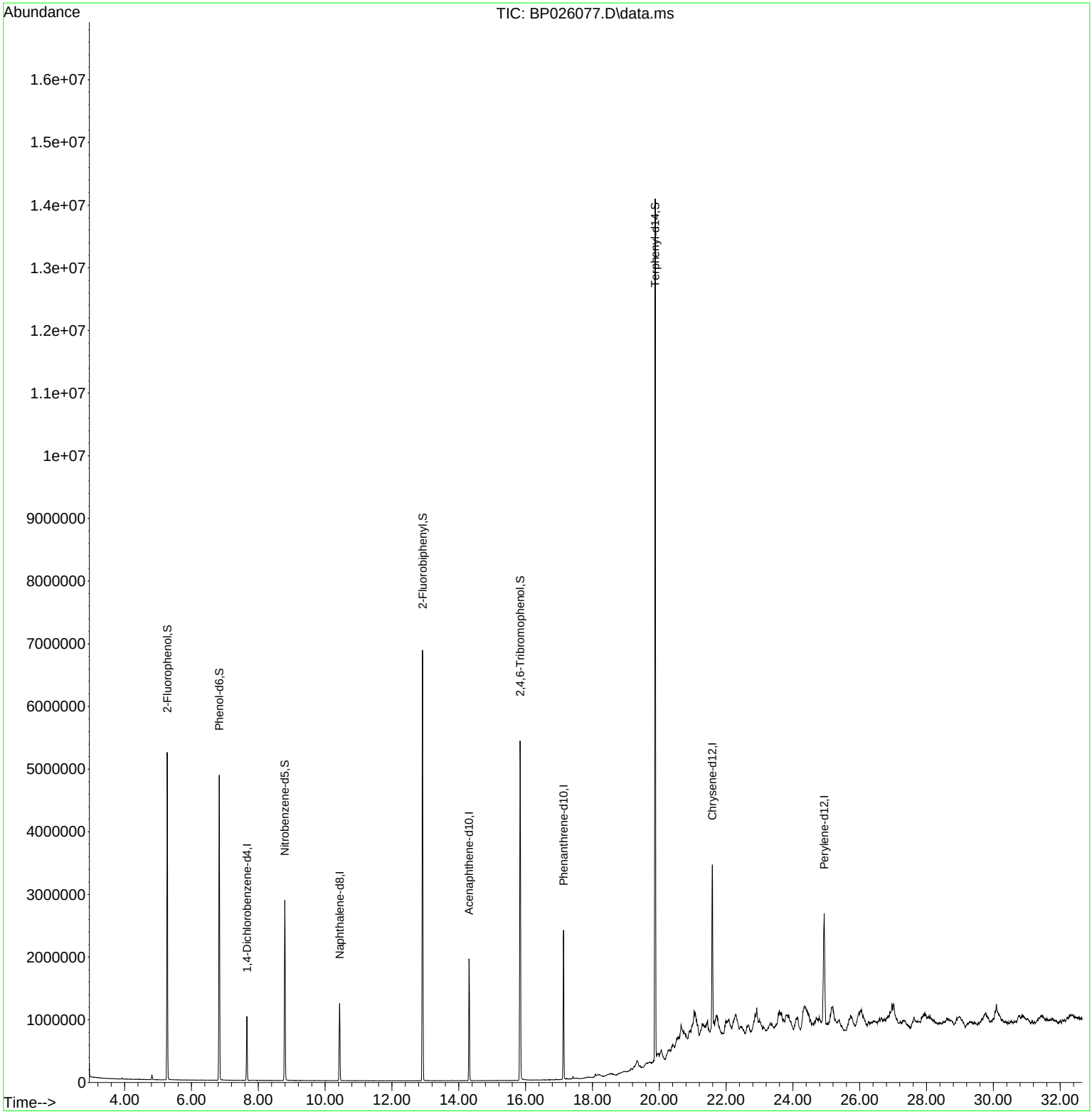
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	281412	20.000	ng	-0.03
21) Naphthalene-d8	10.437	136	1090241	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	699934	20.000	ng	-0.01
64) Phenanthrene-d10	17.136	188	1528535	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1747812	20.000	ng	0.02
86) Perylene-d12	24.936	264	1979388	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	2353394	137.994	ng	-0.02
7) Phenol-d6	6.831	99	2888806	133.083	ng	-0.02
23) Nitrobenzene-d5	8.795	82	1635887	93.540	ng	-0.03
42) 2,4,6-Tribromophenol	15.836	330	1281072	169.298	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4073635	83.629	ng	-0.01
79) Terphenyl-d14	19.877	244	7701953	89.529	ng	0.01
Target Compounds						Qvalue

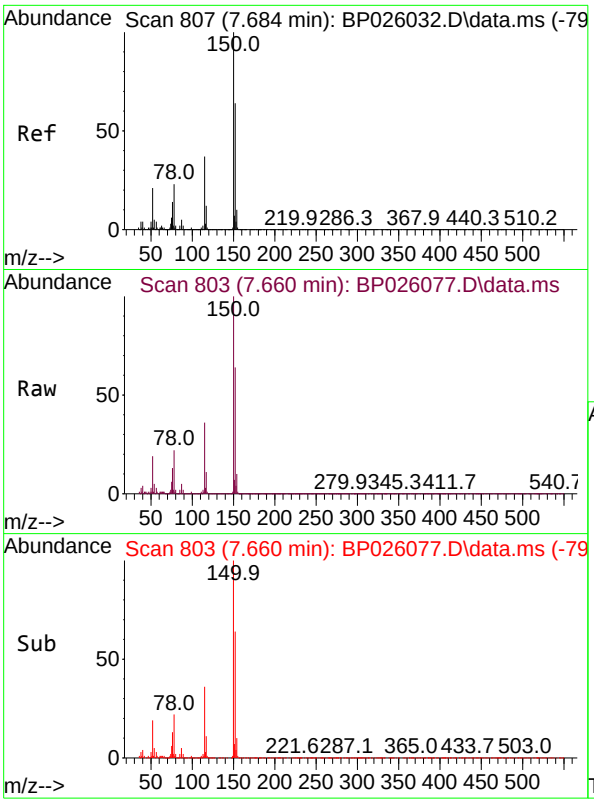
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Time: Nov 06 14:45:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



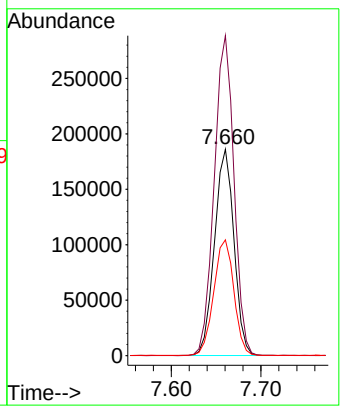


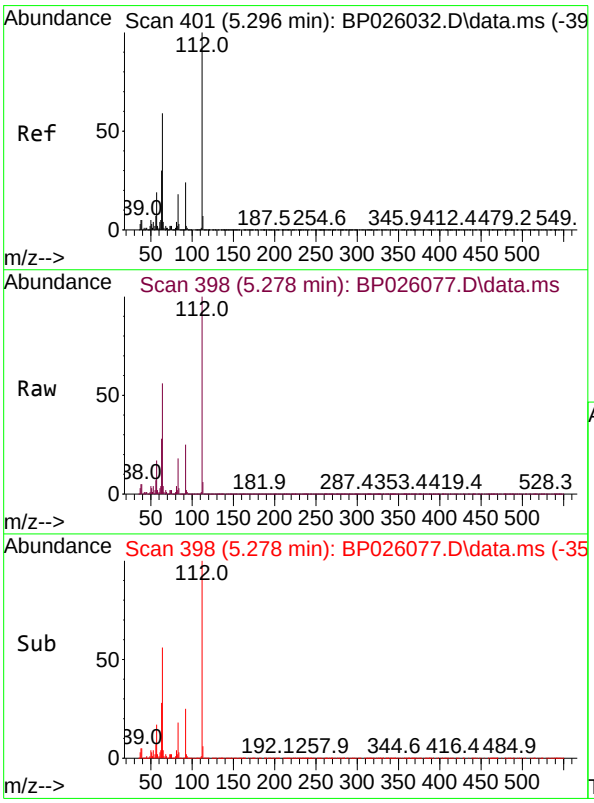
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:152 Resp: 281412

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.7	188.5
115	56.1	46.4	69.6

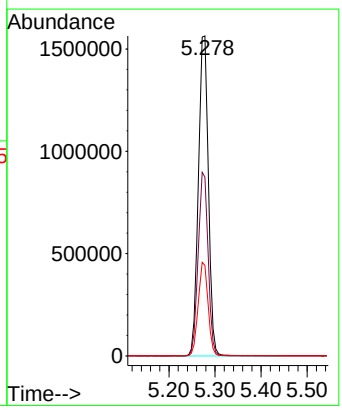


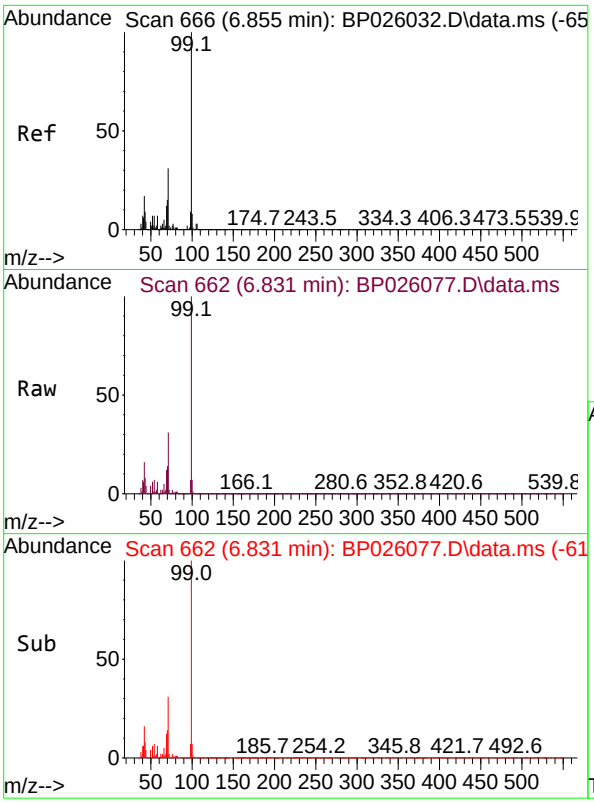


#5
2-Fluorophenol
Concen: 137.994 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:112 Resp: 2353394

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.4	71.2
63	28.3	24.2	36.4



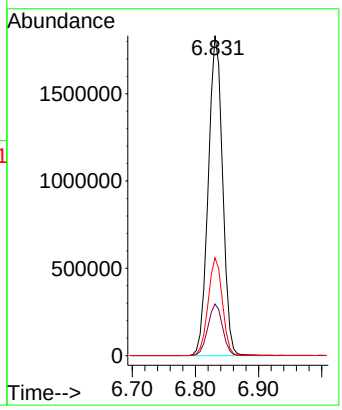


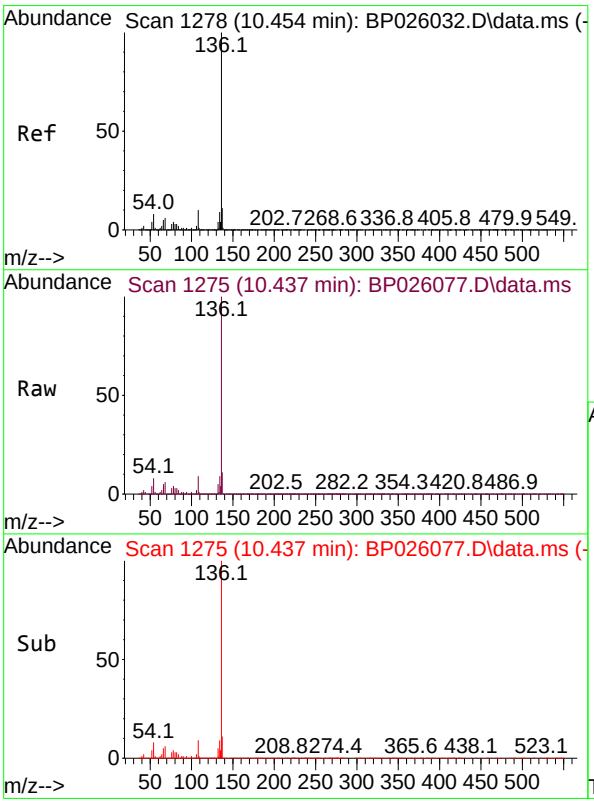
#7
Phenol-d6
Concen: 133.083 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion: 99 Resp: 2888806

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.6	24.4	36.6

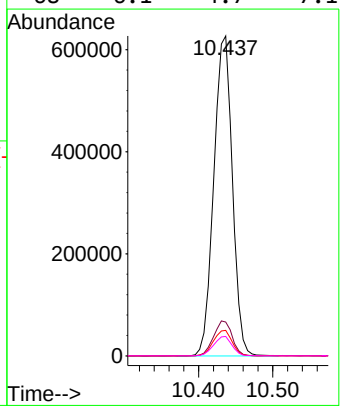


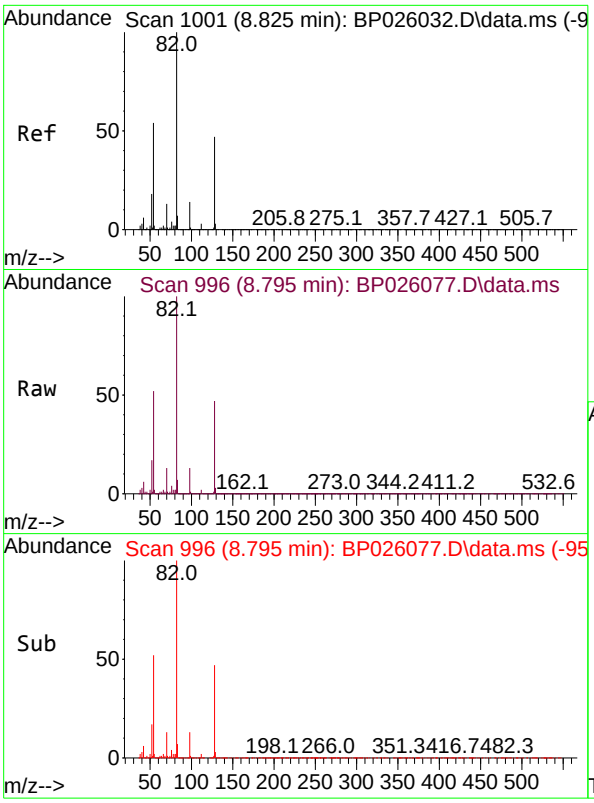


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:136 Resp: 1090241

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.6	10.0
68	6.1	4.7	7.1



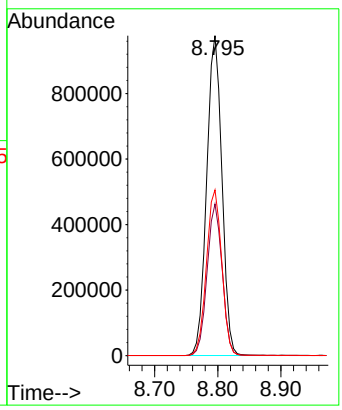


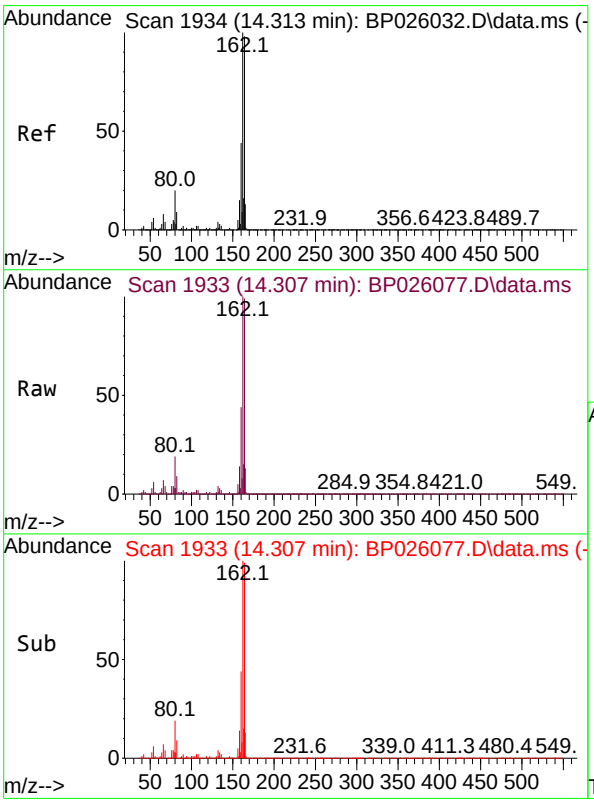
#23
Nitrobenzene-d5
Concen: 93.540 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion: 82 Resp: 1635887

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.8	42.7	64.1

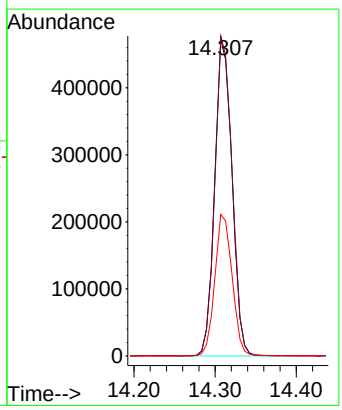


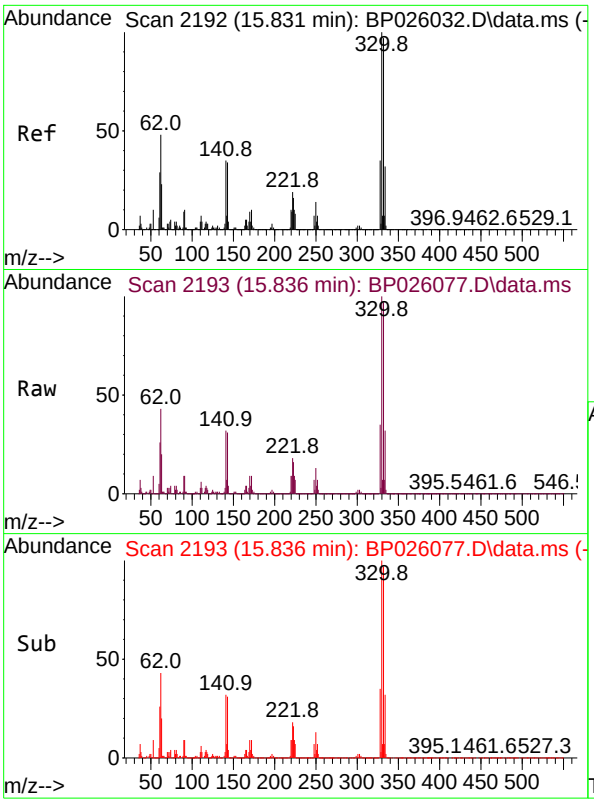


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:164 Resp: 699934

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.5	122.3
160	44.8	36.2	54.4



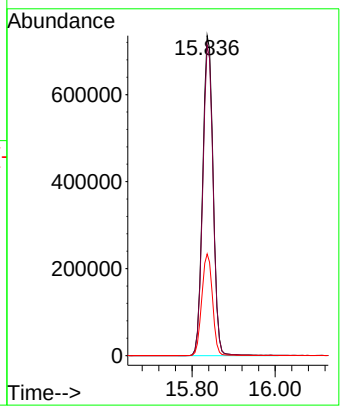


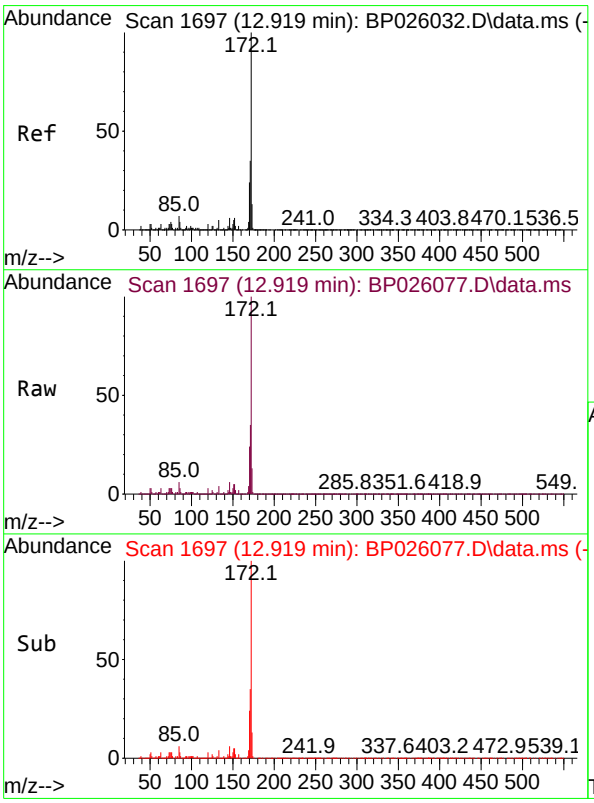
#42
2,4,6-Tribromophenol
Concen: 169.298 ng
RT: 15.836 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:330 Resp: 1281072

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	32.5	28.6	42.8

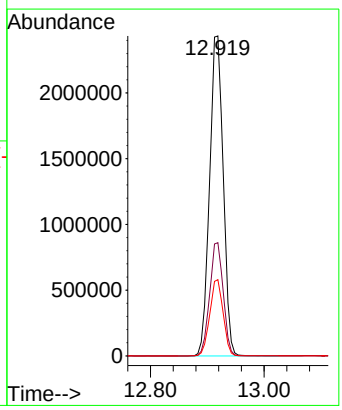


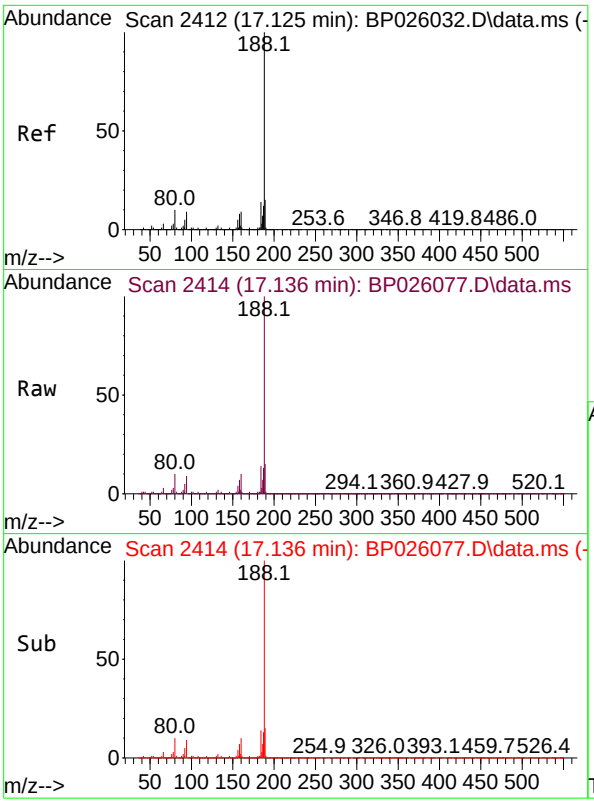


#45
2-Fluorobiphenyl
Concen: 83.629 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:172 Resp: 4073635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.8	19.0	28.4



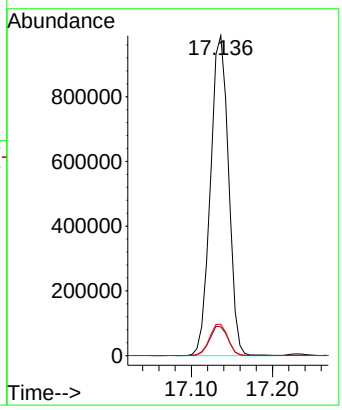


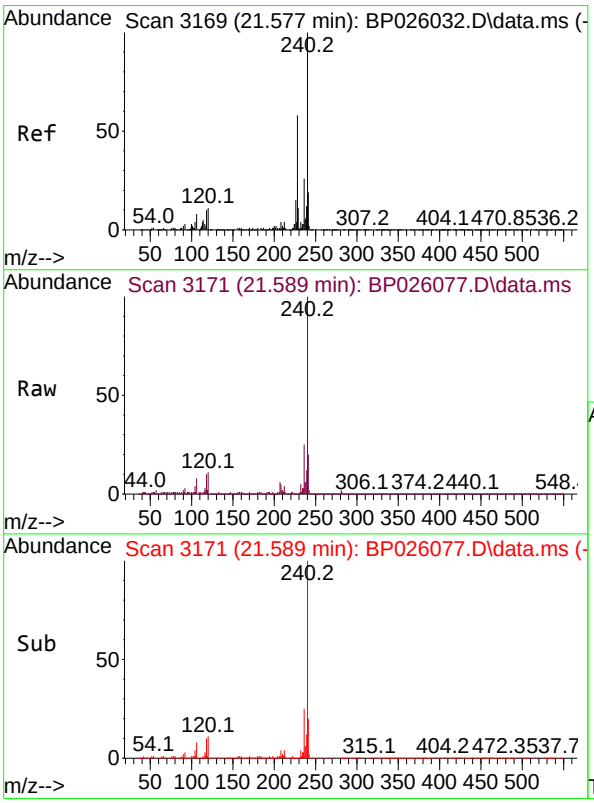
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:188 Resp: 1528535

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.8	7.9	11.9

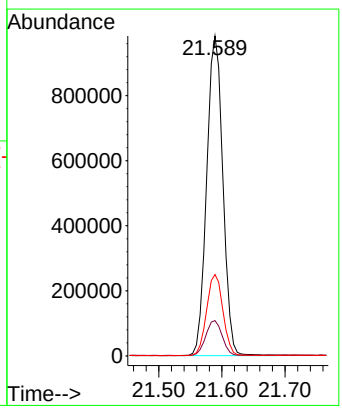


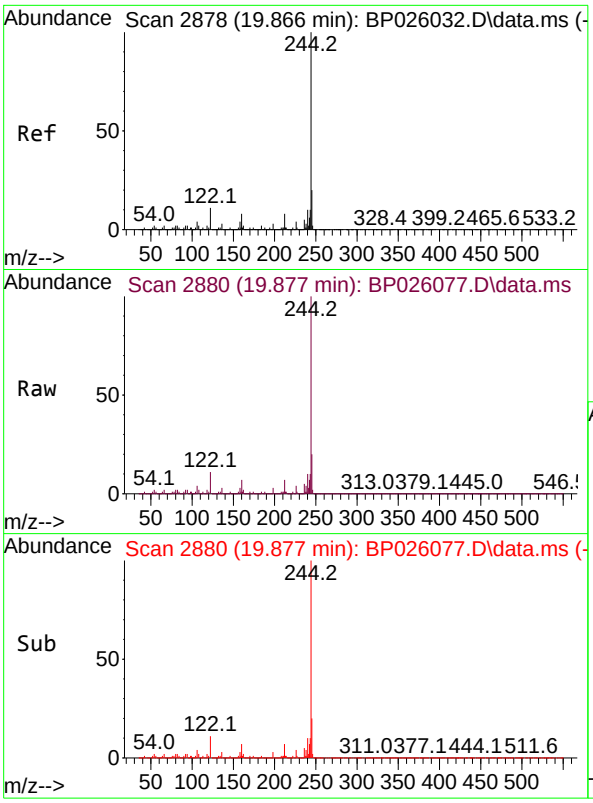


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:240 Resp: 1747812

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.4	20.6	31.0



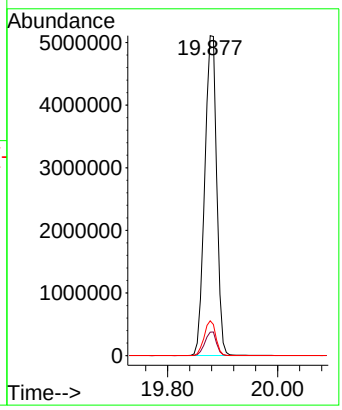


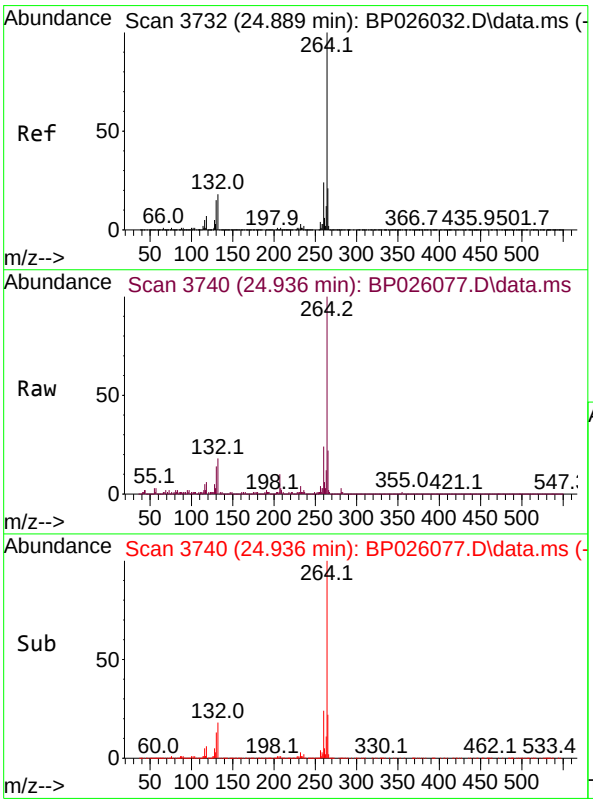
#79
Terphenyl-d14
Concen: 89.529 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Tgt Ion:244 Resp: 7701953

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.9	9.0	13.6

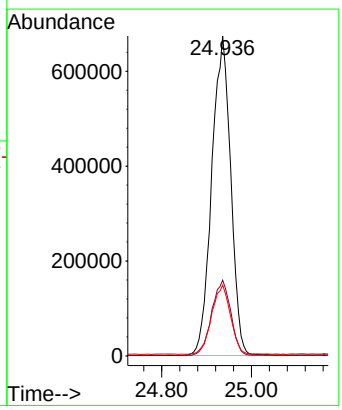




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. 0.053 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:264 Resp: 1979388

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026077.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	390	397	411	rBV	5225583	7813506	37.86%	9.495%
2	6.831	654	662	676	rBV	4868587	7797066	37.78%	9.475%
3	7.660	795	803	811	rVB	1022746	1591887	7.71%	1.935%
4	8.795	987	996	1006	rBV	2880051	4866773	23.58%	5.914%
5	10.437	1266	1275	1287	rVB	1235166	2153237	10.43%	2.617%
6	12.913	1688	1696	1709	rBV	6875094	11469039	55.57%	13.938%
7	14.307	1927	1933	1943	rBV	1945595	2908102	14.09%	3.534%
8	15.836	2185	2193	2208	rBV	5417814	9565685	46.35%	11.625%
9	17.136	2406	2414	2425	rBV2	2381214	3736978	18.11%	4.541%
10	19.877	2874	2880	2888	rBV	13758790	20637705	100.00%	25.080%
11	21.589	3165	3171	3178	rBV2	2600389	4672550	22.64%	5.678%
12	24.936	3731	3740	3749	rVB	1761078	5076248	24.60%	6.169%

Sum of corrected areas: 82288776

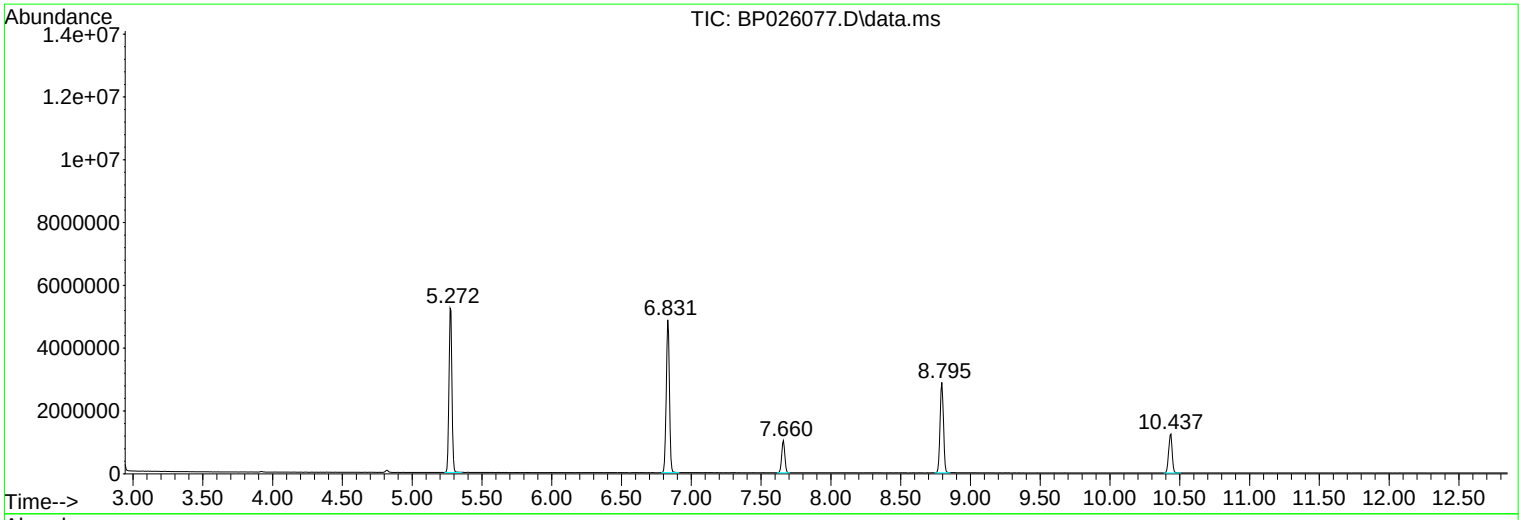
Sample Results: **BP026077.D**

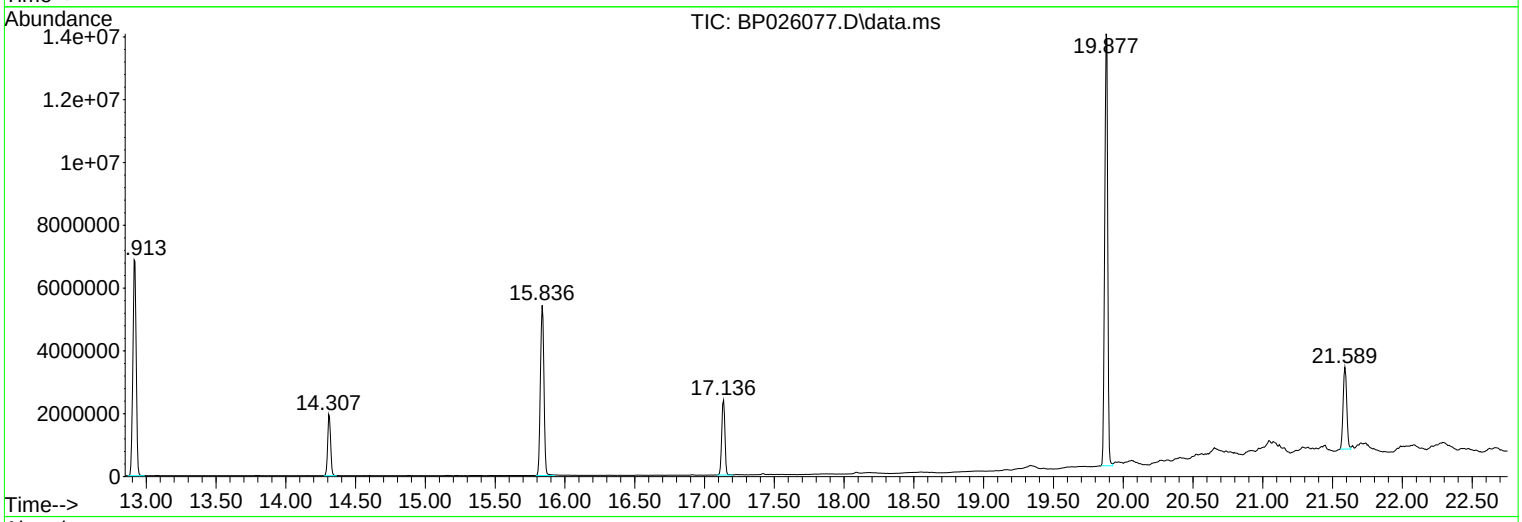
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

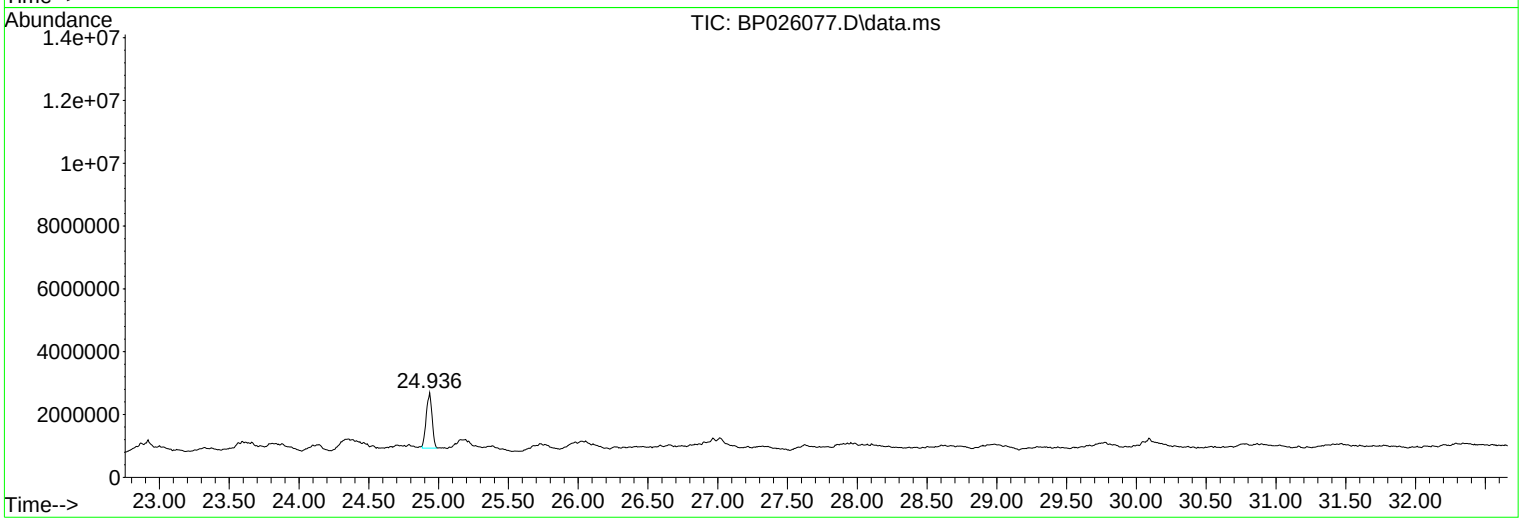
Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170424BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	267481	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1101025	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	743151	20.000	ng		0.00
64) Phenanthrene-d10	17.137	188	1605700	20.000	ng		0.01
76) Chrysene-d12	21.589	240	1768366	20.000	ng		0.02
86) Perylene-d12	24.918	264	1900235	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2134431	131.674	ng		0.00
7) Phenol-d6	6.855	99	2739608	132.783	ng		0.00
23) Nitrobenzene-d5	8.819	82	1516048	85.838	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1259976	156.827	ng		0.02
45) 2-Fluorobiphenyl	12.925	172	3989141	77.132	ng		0.00
79) Terphenyl-d14	19.878	244	7274300	83.575	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	228695	33.466	ng		98
3) Pyridine	3.614	79	625068	32.176	ng		98
4) n-Nitrosodimethylamine	3.525	42	319759	41.069	ng		94
6) Aniline	7.008	93	958128	34.796	ng		100
8) 2-Chlorophenol	7.249	128	858954	47.852	ng		99
9) Benzaldehyde	6.825	77	345997	32.260	ng		95
10) Phenol	6.884	94	1066604	46.566	ng		99
11) bis(2-Chloroethyl)ether	7.108	93	753091	41.661	ng		100
12) 1,3-Dichlorobenzene	7.572	146	868572	42.134	ng		99
13) 1,4-Dichlorobenzene	7.713	146	892245	42.809	ng		99
14) 1,2-Dichlorobenzene	8.025	146	856556	43.068	ng		98
15) Benzyl Alcohol	7.908	79	710449	47.765	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1049272	38.407	ng		98
17) 2-Methylphenol	8.113	107	721030	48.073	ng		99
18) Hexachloroethane	8.755	117	309247	43.360	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	569930	44.500	ng		98
20) 3+4-Methylphenols	8.437	107	999019	47.878	ng		99
22) Acetophenone	8.490	105	1324713	47.574	ng	#	97
24) Nitrobenzene	8.860	77	831145	44.571	ng		98
25) Isophorone	9.384	82	1671080	44.205	ng		99
26) 2-Nitrophenol	9.560	139	412794	59.463	ng		97
27) 2,4-Dimethylphenol	9.631	122	827301	52.041	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1035151	43.449	ng		99
29) 2,4-Dichlorophenol	10.102	162	839860	50.036	ng		100
30) 1,2,4-Trichlorobenzene	10.313	180	821961	45.054	ng		98
31) Naphthalene	10.496	128	2518184	41.941	ng		100
32) Benzoic acid	9.766	122	733850	66.851	ng		96
33) 4-Chloroaniline	10.596	127	687819	29.812	ng		100
34) Hexachlorobutadiene	10.796	225	487756	42.071	ng		98
35) Caprolactam	11.372	113	318793	54.084	ng	#	85
36) 4-Chloro-3-methylphenol	11.737	107	921338	52.361	ng		97
37) 2-Methylnaphthalene	12.119	142	1662385	39.559	ng		99
38) 1-Methylnaphthalene	12.337	142	1745234	42.749	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1031085	44.654	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1038818	122.960	ng		98
43) 2,4,6-Trichlorophenol	12.731	196	701691	51.412	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	784179	50.353	ng	97
46) 1,1'-Biphenyl	13.137	154	2661227	46.767	ng	99
47) 2-Chloronaphthalene	13.178	162	1849030	41.299	ng	98
48) 2-Nitroaniline	13.378	65	565071	48.980	ng	95
49) Acenaphthylene	14.037	152	3262480	49.996	ng	99
50) Dimethylphthalate	13.778	163	2532955	46.858	ng	100
51) 2,6-Dinitrotoluene	13.884	165	540117	53.171	ng	94
52) Acenaphthene	14.390	154	1816312	40.545	ng	99
53) 3-Nitroaniline	14.213	138	458416	38.212	ng	94
54) 2,4-Dinitrophenol	14.431	184	585957	107.212	ng	98
55) Dibenzofuran	14.731	168	2969657	43.876	ng	99
56) 4-Nitrophenol	14.537	139	1146432	106.358	ng	96
57) 2,4-Dinitrotoluene	14.690	165	794705	53.238	ng	90
58) Fluorene	15.390	166	2393222	45.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	707680	57.794	ng	99
60) Diethylphthalate	15.172	149	2591597	47.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.390	204	1171602	44.245	ng	99
62) 4-Nitroaniline	15.401	138	613474	53.110	ng	95
63) Azobenzene	15.690	77	2223930	45.155	ng	97
65) 4,6-Dinitro-2-methylph...	15.472	198	399647	57.808	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2194244	43.706	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	772035	43.345	ng	99
68) Hexachlorobenzene	16.419	284	897305	44.254	ng	98
69) Atrazine	16.595	200	860965	50.836	ng	99
70) Pentachlorophenol	16.772	266	1435012	115.866	ng	100
71) Phenanthrene	17.178	178	4032543	43.147	ng	100
72) Anthracene	17.266	178	4104031	44.300	ng	99
73) Carbazole	17.548	167	4027600	45.927	ng	99
74) Di-n-butylphthalate	18.148	149	4830149	49.223	ng	99
75) Fluoranthene	19.272	202	5051062	46.331	ng	99
77) Benzidine	19.460	184	1695764	37.780	ng	99
78) Pyrene	19.648	202	5228032	43.712	ng	99
80) Butylbenzylphthalate	20.613	149	2362622	52.562	ng	98
81) Benzo(a)anthracene	21.566	228	5354112	44.060	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	1541201	39.364	ng	99
83) Chrysene	21.636	228	4930677	42.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3492262	48.947	ng	98
85) Di-n-octyl phthalate	22.807	149	6106180	58.006	ng	97
87) Indeno(1,2,3-cd)pyrene	28.689	276	6667852m	47.529	ng	
88) Benzo(b)fluoranthene	23.854	252	5544570	47.002	ng	99
89) Benzo(k)fluoranthene	23.936	252	5471101	45.417	ng	100
90) Benzo(a)pyrene	24.754	252	5303300	48.935	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	5511788	48.279	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5388220	49.046	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

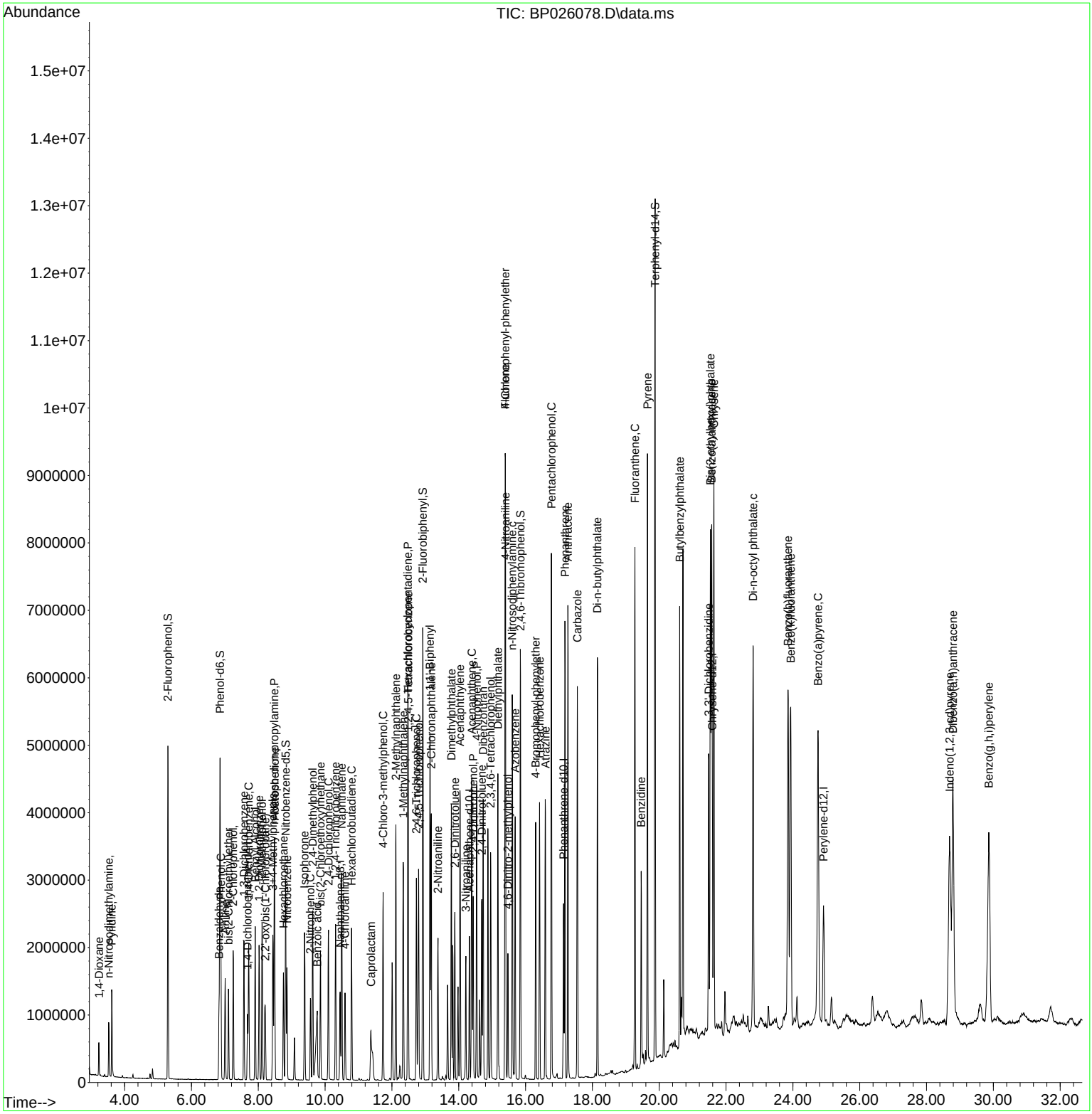
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	300293	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	1260021	20.000	ng		0.00
39) Acenaphthene-d10	14.325	164	853804	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1821988	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1872003	20.000	ng		0.00
86) Perylene-d12	24.895	264	1998604	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2407721	132.303	ng		0.00
7) Phenol-d6	6.860	99	3111525	134.331	ng		0.00
23) Nitrobenzene-d5	8.819	82	1740695	86.121	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1432494	155.192	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4550227	76.579	ng		0.00
79) Terphenyl-d14	19.872	244	7828262	84.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	252458	32.907	ng		98
3) Pyridine	3.614	79	695094	31.871	ng		97
4) n-Nitrosodimethylamine	3.525	42	354902	40.602	ng		91
6) Aniline	7.013	93	1091236	35.299	ng		99
8) 2-Chlorophenol	7.249	128	980493	48.655	ng		97
9) Benzaldehyde	6.825	77	396545	32.933	ng		99
10) Phenol	6.884	94	1207329	46.950	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	846976	41.735	ng		100
12) 1,3-Dichlorobenzene	7.572	146	979064	42.305	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1005636	42.977	ng		99
14) 1,2-Dichlorobenzene	8.031	146	973373	43.594	ng		99
15) Benzyl Alcohol	7.913	79	815169	48.817	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1205373	39.300	ng		97
17) 2-Methylphenol	8.119	107	828132	49.180	ng		99
18) Hexachloroethane	8.749	117	350060	43.719	ng		98
19) n-Nitroso-di-n-propyla...	8.478	70	652661	45.391	ng		98
20) 3+4-Methylphenols	8.437	107	1147915	49.003	ng		99
22) Acetophenone	8.490	105	1508040	47.323	ng	#	97
24) Nitrobenzene	8.860	77	949232	44.480	ng		98
25) Isophorone	9.390	82	1899192	43.899	ng		100
26) 2-Nitrophenol	9.566	139	483675	60.817	ng		97
27) 2,4-Dimethylphenol	9.631	122	942767	51.821	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1186049	43.501	ng		100
29) 2,4-Dichlorophenol	10.101	162	971363	50.568	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	942195	45.127	ng		97
31) Naphthalene	10.501	128	2877193	41.874	ng		100
32) Benzoic acid	9.772	122	845596	67.173	ng		95
33) 4-Chloroaniline	10.601	127	779125	29.508	ng		100
34) Hexachlorobutadiene	10.796	225	556926	41.975	ng		98
35) Caprolactam	11.372	113	360818m	53.490	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1061481	52.714	ng		99
37) 2-Methylnaphthalene	12.119	142	1919899	39.922	ng		99
38) 1-Methylnaphthalene	12.337	142	1982527	42.433	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	1205103	45.426	ng		99
41) Hexachlorocyclopentadiene	12.484	237	1209033	124.561	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	815265	51.992	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	917274	51.266	ng		98
46) 1,1'-Biphenyl	13.142	154	3049794	46.650	ng		99
47) 2-Chloronaphthalene	13.184	162	2112935	41.078	ng		99
48) 2-Nitroaniline	13.378	65	658887	49.667	ng		94
49) Acenaphthylene	14.037	152	3645640	48.628	ng		100
50) Dimethylphthalate	13.778	163	2927654	47.141	ng		100
51) 2,6-Dinitrotoluene	13.889	165	629781	53.919	ng		93
52) Acenaphthene	14.389	154	2107035	40.939	ng		99
53) 3-Nitroaniline	14.219	138	533574	38.678	ng	#	97
54) 2,4-Dinitrophenol	14.425	184	696443	109.641	ng		97
55) Dibenzofuran	14.731	168	3388704	43.579	ng		99
56) 4-Nitrophenol	14.542	139	1292340	104.356	ng		97
57) 2,4-Dinitrotoluene	14.689	165	898072	52.416	ng		91
58) Fluorene	15.389	166	2689532	44.148	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	813480	57.824	ng		99
60) Diethylphthalate	15.172	149	2969874	47.567	ng		100
61) 4-Chlorophenyl-phenyle...	15.395	204	1330487	43.733	ng		98
62) 4-Nitroaniline	15.401	138	688459	51.877	ng		96
63) Azobenzene	15.695	77	2508347	44.329	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	471257	59.474	ng		92
66) n-Nitrosodiphenylamine	15.607	169	2503020	43.938	ng		99
67) 4-Bromophenyl-phenylether	16.307	248	892025	44.137	ng		98
68) Hexachlorobenzene	16.425	284	1021133	44.383	ng		97
69) Atrazine	16.589	200	967981	50.370	ng		99
70) Pentachlorophenol	16.772	266	1628665	115.892	ng		100
71) Phenanthrene	17.172	178	4480675	42.251	ng		99
72) Anthracene	17.272	178	4659290	44.323	ng		99
73) Carbazole	17.548	167	4429412	44.513	ng		99
74) Di-n-butylphthalate	18.166	149	5463574	49.068	ng		99
75) Fluoranthene	19.272	202	5547129	44.841	ng		98
77) Benzidine	19.466	184	1936772	40.760	ng		99
78) Pyrene	19.648	202	5719749	45.175	ng		99
80) Butylbenzylphthalate	20.613	149	2570878	53.934	ng		96
81) Benzo(a)anthracene	21.554	228	5596910	43.509	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1654362	39.915	ng		100
83) Chrysene	21.624	228	5341240	43.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3787769	50.086	ng	#	98
85) Di-n-octyl phthalate	22.801	149	6607119	59.290	ng		98
87) Indeno(1,2,3-cd)pyrene	28.689	276	6952210	47.117	ng		99
88) Benzo(b)fluoranthene	23.860	252	5846575	47.122	ng		99
89) Benzo(k)fluoranthene	23.930	252	5721823	45.161	ng		99
90) Benzo(a)pyrene	24.759	252	5490590	48.170	ng		99
91) Dibenzo(a,h)anthracene	28.765	278	5761092	47.979	ng		99
92) Benzo(g,h,i)perylene	29.865	276	5657726	48.965	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

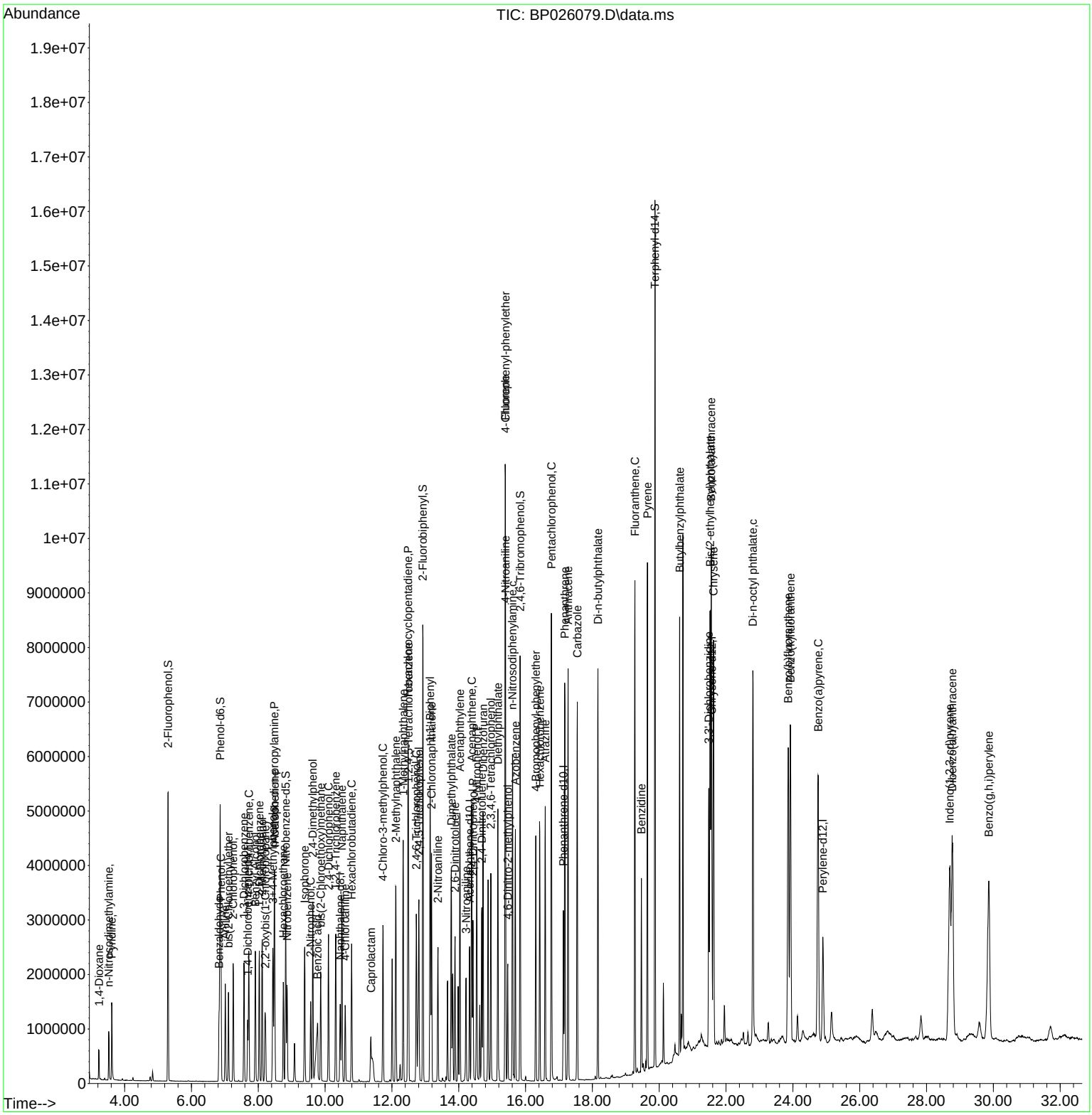
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170424BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF110625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-02	BF144191.D	2,6-Dinitrotoluene	rahul	11/7/2025 2:34:54 PM	Jagrut	11/10/2025 2:03:57 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BG110625	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064699.D	Benzoic acid	rahul	11/7/2025 2:35:34 PM	Jagrut	11/10/2025 2:05:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP110625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026076.D	Benzoic acid	rahul	11/7/2025 2:36:21 PM	Jagrut	11/10/2025 2:04:25 PM	Peak Integrated by Software
PB170424BS	BP026078.D	Indeno(1,2,3-cd)pyrene	rahul	11/7/2025 2:36:23 PM	Jagrut	11/10/2025 2:04:31 PM	Peak Integrated by Software
PB170424BSD	BP026079.D	Caprolactam	rahul	11/7/2025 2:36:26 PM	Jagrut	11/10/2025 2:04:36 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM				
SubDirectory	BF110625	HP Acquire Method	BNA_P		HP Processing Method	BF110525	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144179.D	06 Nov 2025 10:44	RC/JU	Ok
2	SSTDCCC040	BF144180.D	06 Nov 2025 11:13	RC/JU	Ok
3	PB170402BL	BF144181.D	06 Nov 2025 11:42	RC/JU	Ok
4	PB170402BS	BF144182.D	06 Nov 2025 12:12	RC/JU	Ok,M
5	Q3549-02	BF144183.D	06 Nov 2025 12:56	RC/JU	Ok
6	Q3537-01	BF144184.D	06 Nov 2025 13:26	RC/JU	Ok
7	Q3532-01	BF144185.D	06 Nov 2025 13:56	RC/JU	Ok
8	Q3532-05	BF144186.D	06 Nov 2025 14:25	RC/JU	Ok
9	Q3532-05MS	BF144187.D	06 Nov 2025 14:55	RC/JU	Ok,M
10	Q3532-05MSD	BF144188.D	06 Nov 2025 15:25	RC/JU	Ok,M
11	Q3541-01	BF144189.D	06 Nov 2025 15:54	RC/JU	Ok
12	Q3534-01	BF144190.D	06 Nov 2025 16:24	RC/JU	ReRun
13	Q3534-02	BF144191.D	06 Nov 2025 16:54	RC/JU	Ok,M
14	Q3534-05	BF144192.D	06 Nov 2025 17:24	RC/JU	Ok
15	Q3552-03	BF144193.D	06 Nov 2025 17:53	RC/JU	Ok
16	Q3552-05	BF144194.D	06 Nov 2025 18:23	RC/JU	Ok
17	Q3532-08	BF144195.D	06 Nov 2025 18:53	RC/JU	Ok
18	Q3544-04	BF144196.D	06 Nov 2025 19:23	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110625

Review By	rahul	Review On	11/6/2025 3:55:54 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:06:55 PM				
SubDirectory	BG110625	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064698.D	6 Nov 2025 11:32	RC/JU	Ok
2	SSTDCCC040	BG064699.D	6 Nov 2025 12:13	RC/JU	Ok,M
3	PB170421BL	BG064700.D	6 Nov 2025 12:54	RC/JU	Ok
4	PB170421BS	BG064701.D	6 Nov 2025 13:35	RC/JU	Ok,M
5	Q3546-01	BG064702.D	6 Nov 2025 14:25	RC/JU	Ok
6	Q3544-01	BG064703.D	6 Nov 2025 15:06	RC/JU	Ok
7	Q3544-01MS	BG064704.D	6 Nov 2025 15:47	RC/JU	Ok,M
8	Q3544-01MSD	BG064705.D	6 Nov 2025 16:28	RC/JU	Ok,M
9	Q3534-07	BG064706.D	6 Nov 2025 17:09	RC/JU	Ok
10	Q3537-02	BG064707.D	6 Nov 2025 17:50	RC/JU	Not Ok
11	Q3532-04	BG064708.D	6 Nov 2025 18:30	RC/JU	Ok
12	Q3532-04MS	BG064709.D	6 Nov 2025 19:11	RC/JU	Ok,M
13	Q3532-04MSD	BG064710.D	6 Nov 2025 19:52	RC/JU	Ok,M
14	Q3534-01	BG064711.D	6 Nov 2025 20:33	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM				
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM				
SubDirectory	BP110625	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026075.D	06 Nov 2025 12:44	RC/JU	Ok
2	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	RC/JU	Ok,M
3	PB170424BL	BP026077.D	06 Nov 2025 14:13	RC/JU	Ok
4	PB170424BS	BP026078.D	06 Nov 2025 14:54	RC/JU	Ok,M
5	PB170424BSD	BP026079.D	06 Nov 2025 15:35	RC/JU	Ok,M
6	Q3534-09	BP026080.D	06 Nov 2025 17:04	RC/JU	Ok
7	Q3534-10	BP026081.D	06 Nov 2025 17:45	RC/JU	Ok
8	Q3534-03	BP026082.D	06 Nov 2025 18:26	RC/JU	Ok
9	Q3534-04	BP026083.D	06 Nov 2025 19:07	RC/JU	Ok
10	Q3534-06	BP026084.D	06 Nov 2025 19:48	RC/JU	Ok
11	Q3537-03	BP026085.D	06 Nov 2025 20:30	RC/JU	Ok
12	Q3552-01	BP026086.D	06 Nov 2025 21:11	RC/JU	Ok
13	Q3552-02	BP026087.D	06 Nov 2025 21:52	RC/JU	Ok
14	Q3552-04	BP026088.D	06 Nov 2025 22:33	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM		
SubDirectory	BF110625	HP Acquire Method	BNA_P	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144179.D	06 Nov 2025 10:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144180.D	06 Nov 2025 11:13		RC/JU	Ok
3	PB170402BL	PB170402BL	BF144181.D	06 Nov 2025 11:42		RC/JU	Ok
4	PB170402BS	PB170402BS	BF144182.D	06 Nov 2025 12:12		RC/JU	Ok,M
5	Q3549-02	RT4922	BF144183.D	06 Nov 2025 12:56		RC/JU	Ok
6	Q3537-01	MW-17-SOIL	BF144184.D	06 Nov 2025 13:26		RC/JU	Ok
7	Q3532-01	TP-1	BF144185.D	06 Nov 2025 13:56		RC/JU	Ok
8	Q3532-05	TP-2	BF144186.D	06 Nov 2025 14:25		RC/JU	Ok
9	Q3532-05MS	TP-2MS	BF144187.D	06 Nov 2025 14:55		RC/JU	Ok,M
10	Q3532-05MSD	TP-2MSD	BF144188.D	06 Nov 2025 15:25		RC/JU	Ok,M
11	Q3541-01	N48969	BF144189.D	06 Nov 2025 15:54		RC/JU	Ok
12	Q3534-01	MW-6	BF144190.D	06 Nov 2025 16:24	Internal standard fail	RC/JU	ReRun
13	Q3534-02	MW-1	BF144191.D	06 Nov 2025 16:54		RC/JU	Ok,M
14	Q3534-05	MW-EB-1	BF144192.D	06 Nov 2025 17:24		RC/JU	Ok
15	Q3552-03	MW-9	BF144193.D	06 Nov 2025 17:53		RC/JU	Ok
16	Q3552-05	MW-3	BF144194.D	06 Nov 2025 18:23		RC/JU	Ok
17	Q3532-08	TP-2	BF144195.D	06 Nov 2025 18:53		RC/JU	Ok
18	Q3544-04	ONYX-1	BF144196.D	06 Nov 2025 19:23		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110625

Review By	rahul	Review On	11/6/2025 3:51:49 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:15 PM		
SubDirectory	BF110625	HP Acquire Method	BNA_P	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110625

Review By	rahul	Review On	11/6/2025 3:55:54 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:06:55 PM		
SubDirectory	BG110625	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064698.D	6 Nov 2025 11:32		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064699.D	6 Nov 2025 12:13	CCC fail high side for com. #23,26,34,42,43,51,57,59 and #65	RC/JU	Ok,M
3	PB170421BL	PB170421BL	BG064700.D	6 Nov 2025 12:54		RC/JU	Ok
4	PB170421BS	PB170421BS	BG064701.D	6 Nov 2025 13:35		RC/JU	Ok,M
5	Q3546-01	TP-COMP	BG064702.D	6 Nov 2025 14:25		RC/JU	Ok
6	Q3544-01	ONYX-1	BG064703.D	6 Nov 2025 15:06		RC/JU	Ok
7	Q3544-01MS	ONYX-1MS	BG064704.D	6 Nov 2025 15:47		RC/JU	Ok,M
8	Q3544-01MSD	ONYX-1MSD	BG064705.D	6 Nov 2025 16:28		RC/JU	Ok,M
9	Q3534-07	MW-EB-3	BG064706.D	6 Nov 2025 17:09		RC/JU	Ok
10	Q3537-02	MW-17-SOIL	BG064707.D	6 Nov 2025 17:50	Internal standard not added	RC/JU	Not Ok
11	Q3532-04	TP-1	BG064708.D	6 Nov 2025 18:30		RC/JU	Ok
12	Q3532-04MS	TP-1MS	BG064709.D	6 Nov 2025 19:11		RC/JU	Ok,M
13	Q3532-04MSD	TP-1MSD	BG064710.D	6 Nov 2025 19:52		RC/JU	Ok,M
14	Q3534-01	MW-6	BG064711.D	6 Nov 2025 20:33		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110625

Review By	rahul	Review On	11/6/2025 3:53:26 PM		
Supervise By	Jagrut	Supervise On	11/10/2025 2:04:52 PM		
SubDirectory	BP110625	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026075.D	06 Nov 2025 12:44		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026076.D	06 Nov 2025 13:25	CCC Fail high for Com#26,32,41,42,54,59,65,70 Need #85	RC/JU	Ok,M
3	PB170424BL	PB170424BL	BP026077.D	06 Nov 2025 14:13		RC/JU	Ok
4	PB170424BS	PB170424BS	BP026078.D	06 Nov 2025 14:54		RC/JU	Ok,M
5	PB170424BSD	PB170424BSD	BP026079.D	06 Nov 2025 15:35		RC/JU	Ok,M
6	Q3534-09	FB-1	BP026080.D	06 Nov 2025 17:04	Split volume (True value adjusted).	RC/JU	Ok
7	Q3534-10	EB-1	BP026081.D	06 Nov 2025 17:45	Split volume (True value adjusted).	RC/JU	Ok
8	Q3534-03	MW-11	BP026082.D	06 Nov 2025 18:26		RC/JU	Ok
9	Q3534-04	MW-5	BP026083.D	06 Nov 2025 19:07		RC/JU	Ok
10	Q3534-06	MW-EB-2	BP026084.D	06 Nov 2025 19:48		RC/JU	Ok
11	Q3537-03	MW-17-PURGE-WATEI	BP026085.D	06 Nov 2025 20:30		RC/JU	Ok
12	Q3552-01	MW-4	BP026086.D	06 Nov 2025 21:11		RC/JU	Ok
13	Q3552-02	MW-8	BP026087.D	06 Nov 2025 21:52		RC/JU	Ok
14	Q3552-04	MW-10	BP026088.D	06 Nov 2025 22:33		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170424

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/06/2025

Extraction Start Time : 08:35

Extraction End Date : 11/06/2025

Extraction End Time : 13:35

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443. Q3534-09 & 10 split the volume.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext-Lab)	JH/SVOA
13:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170424

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170424BL	SBLK424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170424BS	SLCS424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170424BSD	SLCSD424	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3534-01	MW-6	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		4
Q3534-02	MW-1	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		5
Q3534-03	MW-11	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		6
Q3534-04	MW-5	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		7
Q3534-05	MW-EB-1	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	N		8
Q3534-06	MW-EB-2	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		9
Q3534-07	MW-EB-3	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	N		10
Q3534-09	FB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		11
Q3534-10	EB-1	SVOC-TCL BNA -20	500	6	RUPESH	ritesh	0.5	G		12
Q3537-03	MW-17-PURGE-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	N		13
Q3541-01	N48969	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		14
Q3552-01	MW-4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		15
Q3552-02	MW-8	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		16
Q3552-03	MW-9	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		SEP-1
Q3552-04	MW-10	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		2
Q3552-05	MW-3	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		3

RS
11/6

* **Extracts relinquished on the same date as received.**

170424
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3534 **WorkList ID :** 192932 **Department :** Extraction **Date :** 11-06-2025 08:28:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-02	MW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-03	MW-11	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-04	MW-5	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-05	MW-EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-06	MW-EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-07	MW-EB-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3534-09	FB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/03/2025	8270E
Q3534-10	EB-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/04/2025	8270E
Q3537-03	MW-17-PURGE-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/04/2025	8270E
Q3541-01	N48969	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-01	MW-4	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/04/2025	8270E
Q3552-02	MW-8	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-03	MW-9	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-04	MW-10	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E
Q3552-05	MW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/04/2025	8270E

Date/Time 11/6/25 8:30
Raw Sample Received by: RS (Ext-lab)
Raw Sample Relinquished by: SM

Date/Time 11/6/25 9:15
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-lab)

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-01DL	**MW-6DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-02	**MW-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-02DL	**MW-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-03	**MW-11**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-03DL	**MW-11DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
Q3534-04	**MW-5**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-05	**MW-EB-1**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-05DL	**MW-EB-1DL**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3534-06	**MW-EB-2**	**Water**			**11/04/25**			**11/04/25**

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LAB CHRONICLE

			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-07	**MW-EB-3**	**Water**			**11/03/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-09	**FB-1**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3534-10	**EB-1**	**Water**			**11/04/25**			**11/04/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/08/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-5								
Q3534-04	MW-5	WATER	beta-BHC	0.028	JP	0.0051	0.052	ug/L
			Total Concentration:	**0.028**				
Client ID : MW-EB-1								
Q3534-05	MW-EB-1	WATER	beta-BHC	9.90	EP	0.0052	0.053	ug/L
Q3534-05	MW-EB-1	WATER	Endosulfan I	0.92	P	0.0033	0.053	ug/L
			Total Concentration:	**10.820**				
Client ID : MW-EB-1DL								
Q3534-05DL	MW-EB-1DL	WATER	beta-BHC	9.10	D	0.052	0.53	ug/L
Q3534-05DL	MW-EB-1DL	WATER	Endosulfan I	0.96	DP	0.033	0.53	ug/L
			Total Concentration:	**10.060**				

SAMPLE DATA

Raw Data: **PD090996.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	440 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0044	U	1	0.0044	0.057	ug/L	11/06/25 15:18	PB170426
319-85-7	beta-BHC	0.0056	U	1	0.0056	0.057	ug/L	11/06/25 15:18	PB170426
319-86-8	delta-BHC	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
58-89-9	gamma-BHC (Lindane)	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
76-44-8	Heptachlor	0.0031	U	1	0.0031	0.057	ug/L	11/06/25 15:18	PB170426
309-00-2	Aldrin	0.0041	U	1	0.0041	0.057	ug/L	11/06/25 15:18	PB170426
1024-57-3	Heptachlor epoxide	0.011	U	1	0.011	0.057	ug/L	11/06/25 15:18	PB170426
959-98-8	Endosulfan I	0.0035	U	1	0.0035	0.057	ug/L	11/06/25 15:18	PB170426
60-57-1	Dieldrin	0.0041	U	1	0.0041	0.057	ug/L	11/06/25 15:18	PB170426
72-55-9	4,4-DDE	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
72-20-8	Endrin	0.0036	U	1	0.0036	0.057	ug/L	11/06/25 15:18	PB170426
33213-65-9	Endosulfan II	0.0090	U	1	0.0090	0.057	ug/L	11/06/25 15:18	PB170426
72-54-8	4,4-DDD	0.0081	U	1	0.0081	0.057	ug/L	11/06/25 15:18	PB170426
1031-07-8	Endosulfan Sulfate	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
50-29-3	4,4-DDT	0.0040	U	1	0.0040	0.057	ug/L	11/06/25 15:18	PB170426
72-43-5	Methoxychlor	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
53494-70-5	Endrin ketone	0.011	U	1	0.011	0.057	ug/L	11/06/25 15:18	PB170426
7421-93-4	Endrin aldehyde	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
5103-71-9	alpha-Chlordane	0.0040	U	1	0.0040	0.057	ug/L	11/06/25 15:18	PB170426
5103-74-2	gamma-Chlordane	0.0044	U	1	0.0044	0.057	ug/L	11/06/25 15:18	PB170426
8001-35-2	Toxaphene	0.19	U	1	0.19	1.10	ug/L	11/06/25 15:18	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	282	*		30 (31) - 150 (149)	1410%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.8			30 (41) - 150 (134)	84%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090997.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	470 mL Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 15:32	PB170426
319-85-7	beta-BHC	0.0052	U	1	0.0052	0.053	ug/L	11/06/25 15:32	PB170426
319-86-8	delta-BHC	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
76-44-8	Heptachlor	0.0029	U	1	0.0029	0.053	ug/L	11/06/25 15:32	PB170426
309-00-2	Aldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 15:32	PB170426
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.053	ug/L	11/06/25 15:32	PB170426
959-98-8	Endosulfan I	0.0033	U	1	0.0033	0.053	ug/L	11/06/25 15:32	PB170426
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 15:32	PB170426
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
72-20-8	Endrin	0.0034	U	1	0.0034	0.053	ug/L	11/06/25 15:32	PB170426
33213-65-9	Endosulfan II	0.0084	U	1	0.0084	0.053	ug/L	11/06/25 15:32	PB170426
72-54-8	4,4-DDD	0.0076	U	1	0.0076	0.053	ug/L	11/06/25 15:32	PB170426
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
50-29-3	4,4-DDT	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 15:32	PB170426
72-43-5	Methoxychlor	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
53494-70-5	Endrin ketone	0.0099	U	1	0.0099	0.053	ug/L	11/06/25 15:32	PB170426
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
5103-71-9	alpha-Chlordane	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 15:32	PB170426
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 15:32	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.10	ug/L	11/06/25 15:32	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.8			30 (31) - 150 (149)	114%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.4			30 (41) - 150 (134)	87%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090998.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	11/06/25 15:46	PB170426
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	11/06/25 15:46	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	11/06/25 15:46	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 15:46	PB170426
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	11/06/25 15:46	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 15:46	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 15:46	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	11/06/25 15:46	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	11/06/25 15:46	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 15:46	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 15:46	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	11/06/25 15:46	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 15:46	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	11/06/25 15:46	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 15:46	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.1			30 (31) - 150 (149)	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.9			30 (41) - 150 (134)	85%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090999.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.052	ug/L	11/06/25 15:59	PB170426
319-85-7	beta-BHC	0.028	JP	1	0.0051	0.052	ug/L	11/06/25 15:59	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/06/25 15:59	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 15:59	PB170426
1024-57-3	Heptachlor epoxide	0.0099	U	1	0.0099	0.052	ug/L	11/06/25 15:59	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/06/25 15:59	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 15:59	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/06/25 15:59	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.052	ug/L	11/06/25 15:59	PB170426
72-54-8	4,4-DDD	0.0073	U	1	0.0073	0.052	ug/L	11/06/25 15:59	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 15:59	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
53494-70-5	Endrin ketone	0.0096	U	1	0.0096	0.052	ug/L	11/06/25 15:59	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 15:59	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.052	ug/L	11/06/25 15:59	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/06/25 15:59	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.2			30 (31) - 150 (149)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.1			30 (41) - 150 (134)	86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091000.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	475 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 16:13	PB170426
319-85-7	beta-BHC	9.90	EP	1	0.0052	0.053	ug/L	11/06/25 16:13	PB170426
319-86-8	delta-BHC	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.053	ug/L	11/06/25 16:13	PB170426
309-00-2	Aldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 16:13	PB170426
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.053	ug/L	11/06/25 16:13	PB170426
959-98-8	Endosulfan I	0.92	P	1	0.0033	0.053	ug/L	11/06/25 16:13	PB170426
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 16:13	PB170426
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
72-20-8	Endrin	0.0034	U	1	0.0034	0.053	ug/L	11/06/25 16:13	PB170426
33213-65-9	Endosulfan II	0.0083	U	1	0.0083	0.053	ug/L	11/06/25 16:13	PB170426
72-54-8	4,4-DDD	0.0075	U	1	0.0075	0.053	ug/L	11/06/25 16:13	PB170426
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
50-29-3	4,4-DDT	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 16:13	PB170426
72-43-5	Methoxychlor	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
53494-70-5	Endrin ketone	0.0098	U	1	0.0098	0.053	ug/L	11/06/25 16:13	PB170426
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
5103-71-9	alpha-Chlordane	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 16:13	PB170426
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 16:13	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.10	ug/L	11/06/25 16:13	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.4			30 (31) - 150 (149)	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.2			30 (41) - 150 (134)	86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091021.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1DL	SDG No.:	Q3534
Lab Sample ID:	Q3534-05DL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	475 mL Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.041	UD	10	0.041	0.53	ug/L	11/07/25 11:07	PB170426
319-85-7	beta-BHC	9.10	D	10	0.052	0.53	ug/L	11/07/25 11:07	PB170426
319-86-8	delta-BHC	0.12	UD	10	0.12	0.53	ug/L	11/07/25 11:07	PB170426
58-89-9	gamma-BHC (Lindane)	0.039	UD	10	0.039	0.53	ug/L	11/07/25 11:07	PB170426
76-44-8	Heptachlor	0.028	UD	10	0.028	0.53	ug/L	11/07/25 11:07	PB170426
309-00-2	Aldrin	0.038	UD	10	0.038	0.53	ug/L	11/07/25 11:07	PB170426
1024-57-3	Heptachlor epoxide	0.10	UD	10	0.10	0.53	ug/L	11/07/25 11:07	PB170426
959-98-8	Endosulfan I	0.96	DP	10	0.033	0.53	ug/L	11/07/25 11:07	PB170426
60-57-1	Dieldrin	0.038	UD	10	0.038	0.53	ug/L	11/07/25 11:07	PB170426
72-55-9	4,4-DDE	0.039	UD	10	0.039	0.53	ug/L	11/07/25 11:07	PB170426
72-20-8	Endrin	0.034	UD	10	0.034	0.53	ug/L	11/07/25 11:07	PB170426
33213-65-9	Endosulfan II	0.083	UD	10	0.083	0.53	ug/L	11/07/25 11:07	PB170426
72-54-8	4,4-DDD	0.075	UD	10	0.075	0.53	ug/L	11/07/25 11:07	PB170426
1031-07-8	Endosulfan Sulfate	0.039	UD	10	0.039	0.53	ug/L	11/07/25 11:07	PB170426
50-29-3	4,4-DDT	0.037	UD	10	0.037	0.53	ug/L	11/07/25 11:07	PB170426
72-43-5	Methoxychlor	0.12	UD	10	0.12	0.53	ug/L	11/07/25 11:07	PB170426
53494-70-5	Endrin ketone	0.098	UD	10	0.098	0.53	ug/L	11/07/25 11:07	PB170426
7421-93-4	Endrin aldehyde	0.12	UD	10	0.12	0.53	ug/L	11/07/25 11:07	PB170426
5103-71-9	alpha-Chlordane	0.037	UD	10	0.037	0.53	ug/L	11/07/25 11:07	PB170426
5103-74-2	gamma-Chlordane	0.041	UD	10	0.041	0.53	ug/L	11/07/25 11:07	PB170426
8001-35-2	Toxaphene	1.80	UD	10	1.80	10.5	ug/L	11/07/25 11:07	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.3			30 (31) - 150 (149)	81%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			30 (41) - 150 (134)	118%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091019.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.052	ug/L	11/07/25 10:39	PB170426
319-85-7	beta-BHC	0.0051	U	1	0.0051	0.052	ug/L	11/07/25 10:39	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.052	ug/L	11/07/25 10:39	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.052	ug/L	11/07/25 10:39	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/07/25 10:39	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.052	ug/L	11/07/25 10:39	PB170426
1024-57-3	Heptachlor epoxide	0.0099	U	1	0.0099	0.052	ug/L	11/07/25 10:39	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/07/25 10:39	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.052	ug/L	11/07/25 10:39	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.052	ug/L	11/07/25 10:39	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/07/25 10:39	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.052	ug/L	11/07/25 10:39	PB170426
72-54-8	4,4-DDD	0.0073	U	1	0.0073	0.052	ug/L	11/07/25 10:39	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.052	ug/L	11/07/25 10:39	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/07/25 10:39	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.052	ug/L	11/07/25 10:39	PB170426
53494-70-5	Endrin ketone	0.0096	U	1	0.0096	0.052	ug/L	11/07/25 10:39	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.052	ug/L	11/07/25 10:39	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/07/25 10:39	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.052	ug/L	11/07/25 10:39	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/07/25 10:39	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.5			30 (31) - 150 (149)	78%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			30 (41) - 150 (134)	87%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091020.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	480 mL Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.052	ug/L	11/07/25 10:53	PB170426
319-85-7	beta-BHC	0.0051	U	1	0.0051	0.052	ug/L	11/07/25 10:53	PB170426
319-86-8	delta-BHC	0.012	U	1	0.012	0.052	ug/L	11/07/25 10:53	PB170426
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.052	ug/L	11/07/25 10:53	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/07/25 10:53	PB170426
309-00-2	Aldrin	0.0038	U	1	0.0038	0.052	ug/L	11/07/25 10:53	PB170426
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.052	ug/L	11/07/25 10:53	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/07/25 10:53	PB170426
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.052	ug/L	11/07/25 10:53	PB170426
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.052	ug/L	11/07/25 10:53	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/07/25 10:53	PB170426
33213-65-9	Endosulfan II	0.0082	U	1	0.0082	0.052	ug/L	11/07/25 10:53	PB170426
72-54-8	4,4-DDD	0.0074	U	1	0.0074	0.052	ug/L	11/07/25 10:53	PB170426
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.052	ug/L	11/07/25 10:53	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/07/25 10:53	PB170426
72-43-5	Methoxychlor	0.012	U	1	0.012	0.052	ug/L	11/07/25 10:53	PB170426
53494-70-5	Endrin ketone	0.0097	U	1	0.0097	0.052	ug/L	11/07/25 10:53	PB170426
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.052	ug/L	11/07/25 10:53	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/07/25 10:53	PB170426
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.052	ug/L	11/07/25 10:53	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/07/25 10:53	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.0			30 (31) - 150 (149)	100%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.4			30 (41) - 150 (134)	92%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091003.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 16:54	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/06/25 16:54	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/06/25 16:54	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 16:54	PB170426
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/06/25 16:54	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/06/25 16:54	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 16:54	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 16:54	PB170426
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/06/25 16:54	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 16:54	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 16:54	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/06/25 16:54	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 16:54	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 16:54	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 16:54	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.5			30 (31) - 150 (149)	83%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.7			30 (41) - 150 (134)	93%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091004.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 17:08	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/06/25 17:08	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/06/25 17:08	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 17:08	PB170426
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/06/25 17:08	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/06/25 17:08	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 17:08	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 17:08	PB170426
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/06/25 17:08	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 17:08	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 17:08	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/06/25 17:08	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 17:08	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 17:08	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:08	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.7			30 (31) - 150 (149)	93%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.7			30 (41) - 150 (134)	108%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD090991.D	PIBLK-PD090991.D	Decachlorobiphen	1	20	20.9	105		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.5	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	23.1	116		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.3	106		30 (41)	150 (134)
PB170426BL	PB170426BL	Decachlorobiphen	1	20	17.3	86		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (41)	150 (134)
		Decachlorobiphen	2	20	18.9	94		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.6	88		30 (41)	150 (134)
PB170426BS	PB170426BS	Decachlorobiphen	1	20	24.7	124		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	24.4	122		30 (41)	150 (134)
		Decachlorobiphen	2	20	28.2	141		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	25.8	129		30 (41)	150 (134)
PB170426BSD	PB170426BSD	Decachlorobiphen	1	20	25.0	125		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	23.6	118		30 (41)	150 (134)
		Decachlorobiphen	2	20	27.5	137		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	25.3	127		30 (41)	150 (134)
Q3534-01	MW-6	Decachlorobiphen	1	20	17.5	87		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (41)	150 (134)
		Decachlorobiphen	2	20	282	1410	*	30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	13.7	69		30 (41)	150 (134)
Q3534-02	MW-1	Decachlorobiphen	1	20	19.6	98		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (41)	150 (134)
		Decachlorobiphen	2	20	22.8	114		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.4	87		30 (41)	150 (134)
Q3534-03	MW-11	Decachlorobiphen	1	20	17.8	89		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	15.8	79		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.1	101		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	16.9	85		30 (41)	150 (134)
Q3534-04	MW-5	Decachlorobiphen	1	20	16.8	84		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (41)	150 (134)
		Decachlorobiphen	2	20	23.2	116		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.1	86		30 (41)	150 (134)
Q3534-05	MW-EB-1	Decachlorobiphen	1	20	15.6	78		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	17.2	86		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.4	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	16.1	81		30 (41)	150 (134)
Q3534-09	FB-1	Decachlorobiphen	1	20	15.7	79		30 (31)	150 (149)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3534-09	FB-1	Tetrachloro-m-xyl	1	20	17.3	86		30 (41)	150 (134)
		Decachlorobiphen	2	20	16.5	83		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	18.7	93		30 (41)	150 (134)
Q3534-10	EB-1	Decachlorobiphen	1	20	17.2	86		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	18.7	93		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.7	108		30 (41)	150 (134)
I.BLK-PD091012.D	PIBLK-PD091012.D	Decachlorobiphen	1	20	20.9	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.3	101		30 (41)	150 (134)
		Decachlorobiphen	2	20	23.1	116		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.4	107		30 (41)	150 (134)
I.BLK-PD091015.D	PIBLK-PD091015.D	Decachlorobiphen	1	20	22.5	112		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.4	107		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.2	126		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.2	116		30 (41)	150 (134)
Q3534-06	MW-EB-2	Decachlorobiphen	1	20	13.2	66		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.4	82		30 (41)	150 (134)
		Decachlorobiphen	2	20	15.5	78		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	17.3	87		30 (41)	150 (134)
Q3534-07	MW-EB-3	Decachlorobiphen	1	20	19.2	96		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	17.1	85		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.0	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	18.4	92		30 (41)	150 (134)
Q3534-05DL	MW-EB-1DL	Decachlorobiphen	1	20	15.4	77		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	17.8	89		30 (41)	150 (134)
		Decachlorobiphen	2	20	16.3	81		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (41)	150 (134)
I.BLK-PD091025.D	PIBLK-PD091025.D	Decachlorobiphen	1	20	23.4	117		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	22.1	110		30 (41)	150 (134)
		Decachlorobiphen	2	20	27.2	136		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.7	119		30 (41)	150 (134)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD090994.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170426BS (Column 1)	alpha-BHC	0.5	0.45	ug/L	90				40 (85)	140 (130)	
	beta-BHC	0.5	0.43	ug/L	87				40 (83)	140 (126)	
	delta-BHC	0.5	0.45	ug/L	90				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.44	ug/L	89				40 (82)	140 (129)	
	Heptachlor	0.5	0.55	ug/L	109				40 (79)	140 (127)	
	Aldrin	0.5	0.45	ug/L	90				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.47	ug/L	93				40 (81)	140 (124)	
	Endosulfan I	0.5	0.45	ug/L	90				40 (85)	140 (122)	
	Dieldrin	0.5	0.45	ug/L	90				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.43	ug/L	87				40 (80)	140 (127)	
	Endrin	0.5	0.45	ug/L	90				40 (81)	140 (128)	
	Endosulfan II	0.5	0.48	ug/L	96				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.48	ug/L	96				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.46	ug/L	91				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.49	ug/L	98				40 (80)	140 (133)	
	Methoxychlor	0.5	0.57	ug/L	115				40 (78)	140 (108)	
	Endrin ketone	0.5	0.47	ug/L	95				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.46	ug/L	92				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.44	ug/L	89				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.44	ug/L	89				40 (82)	140 (125)	
PB170426BS (Column 2)	alpha-BHC	0.5	0.46	ug/L	91				40 (85)	140 (130)	
	beta-BHC	0.5	0.45	ug/L	90				40 (83)	140 (126)	
	delta-BHC	0.5	0.45	ug/L	91				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.46	ug/L	91				40 (82)	140 (129)	
	Heptachlor	0.5	0.48	ug/L	96				40 (79)	140 (127)	
	Aldrin	0.5	0.46	ug/L	92				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.45	ug/L	89				40 (81)	140 (124)	
	Endosulfan I	0.5	0.42	ug/L	84				40 (85)	140 (122)	
	Dieldrin	0.5	0.46	ug/L	92				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.45	ug/L	91				40 (80)	140 (127)	
	Endrin	0.5	0.49	ug/L	98				40 (81)	140 (128)	
	Endosulfan II	0.5	0.47	ug/L	93				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.47	ug/L	95				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.47	ug/L	94				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.49	ug/L	98				40 (80)	140 (133)	
	Methoxychlor	0.5	0.50	ug/L	99				40 (78)	140 (108)	
	Endrin ketone	0.5	0.56	ug/L	112				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.48	ug/L	97				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.45	ug/L	91				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.45	ug/L	91				40 (82)	140 (125)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD090995.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170426BSD (Column 1)	alpha-BHC	0.5	0.45	ug/L	90	0			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.43	ug/L	86	1			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.45	ug/L	90	0			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.44	ug/L	88	1			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.55	ug/L	110	1			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.45	ug/L	89	1			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.48	ug/L	97	4			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.45	ug/L	91	1			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.45	ug/L	91	1			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.43	ug/L	87	0			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.46	ug/L	91	1			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.46	ug/L	93	3			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.47	ug/L	95	1			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.45	ug/L	91	0			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.49	ug/L	99	1			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.54	ug/L	108	6			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.48	ug/L	95	0			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.47	ug/L	93	1			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.48	ug/L	95	7			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.44	ug/L	88	1			40 (82)	140 (125)	20 (20)
PB170426BSD (Column 2)	alpha-BHC	0.5	0.45	ug/L	89	2			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.44	ug/L	87	3			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.44	ug/L	88	3			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.44	ug/L	89	2			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.47	ug/L	93	3			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.44	ug/L	89	3			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.43	ug/L	86	3			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.41	ug/L	81	4			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.45	ug/L	89	3			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.45	ug/L	90	1			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.47	ug/L	95	3			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.45	ug/L	91	2			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.46	ug/L	91	4			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.46	ug/L	91	3			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.47	ug/L	94	4			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.48	ug/L	96	3			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.57	ug/L	114	2			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.47	ug/L	93	4			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.44	ug/L	88	3			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.44	ug/L	88	3			40 (82)	140 (125)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170426BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab Sample ID: PB170426BL | Lab File ID: PD090993.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/06/2025

Date Analyzed (1): 11/06/2025 | Date Analyzed (2): 11/06/2025

Time Analyzed (1): 14:19 | Time Analyzed (2): 14:19

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170426BS	PB170426BS	PD090994.D	11/06/2025	11/06/2025
PB170426BSD	PB170426BSD	PD090995.D	11/06/2025	11/06/2025
MW-6	Q3534-01	PD090996.D	11/06/2025	11/06/2025
MW-1	Q3534-02	PD090997.D	11/06/2025	11/06/2025
MW-11	Q3534-03	PD090998.D	11/06/2025	11/06/2025
MW-5	Q3534-04	PD090999.D	11/06/2025	11/06/2025
MW-EB-1	Q3534-05	PD091000.D	11/06/2025	11/06/2025
FB-1	Q3534-09	PD091003.D	11/06/2025	11/06/2025
EB-1	Q3534-10	PD091004.D	11/06/2025	11/06/2025
MW-EB-2	Q3534-06	PD091019.D	11/07/2025	11/07/2025
MW-EB-3	Q3534-07	PD091020.D	11/07/2025	11/07/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD090993.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170426BL	SDG No.:	Q3534
Lab Sample ID:	PB170426BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 14:19	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25 14:19	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25 14:19	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 14:19	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25 14:19	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 14:19	PB170426
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25 14:19	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25 14:19	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 14:19	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 14:19	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25 14:19	PB170426
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25 14:19	PB170426
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25 14:19	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 14:19	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 14:19	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25 14:19	PB170426
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25 14:19	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25 14:19	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 14:19	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 14:19	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 14:19	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.9			30 (31) - 150 (149)	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.6			30 (41) - 150 (134)	88%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/17/25
Project:	Edison Landfill	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			30 (31) - 150 (149)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (41) - 150 (134)	100%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PD090991.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD090991.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25	pd110625
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25	pd110625
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25	pd110625
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25	pd110625
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25	pd110625
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25	pd110625
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25	pd110625
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25	pd110625
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25	pd110625
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			30 (31) - 150 (149)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.3			30 (41) - 150 (134)	106%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PD091012.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091012.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25	pd110625
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25	pd110625
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25	pd110625
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25	pd110625
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25	pd110625
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25	pd110625
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25	pd110625
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25	pd110625
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25	pd110625
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			30 (31) - 150 (149)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			30 (41) - 150 (134)	107%	SPK: 20		

U = Not Detected
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LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	PIBLK-PD091015.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091015.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/07/25	pd110725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/07/25	pd110725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/07/25	pd110725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/07/25	pd110725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/07/25	pd110725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/07/25	pd110725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/07/25	pd110725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/07/25	pd110725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/07/25	pd110725
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.2			30 (31) - 150 (149)	126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.2			30 (41) - 150 (134)	116%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	PIBLK-PD091025.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091025.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/07/25	pd110725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/07/25	pd110725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/07/25	pd110725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/07/25	pd110725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/07/25	pd110725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/07/25	pd110725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/07/25	pd110725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/07/25	pd110725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/07/25	pd110725
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.2			30 (31) - 150 (149)	136%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.7			30 (41) - 150 (134)	119%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090994.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170426BS	SDG No.:	Q3534
Lab Sample ID:	PB170426BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.46		1	0.0039	0.050	ug/L	11/06/25 14:32	PB170426
319-85-7	beta-BHC	0.45		1	0.0049	0.050	ug/L	11/06/25 14:32	PB170426
319-86-8	delta-BHC	0.45		1	0.011	0.050	ug/L	11/06/25 14:32	PB170426
58-89-9	gamma-BHC (Lindane)	0.46		1	0.0037	0.050	ug/L	11/06/25 14:32	PB170426
76-44-8	Heptachlor	0.55		1	0.0027	0.050	ug/L	11/06/25 14:32	PB170426
309-00-2	Aldrin	0.46		1	0.0036	0.050	ug/L	11/06/25 14:32	PB170426
1024-57-3	Heptachlor epoxide	0.47		1	0.0096	0.050	ug/L	11/06/25 14:32	PB170426
959-98-8	Endosulfan I	0.45		1	0.0031	0.050	ug/L	11/06/25 14:32	PB170426
60-57-1	Dieldrin	0.46		1	0.0036	0.050	ug/L	11/06/25 14:32	PB170426
72-55-9	4,4-DDE	0.45		1	0.0037	0.050	ug/L	11/06/25 14:32	PB170426
72-20-8	Endrin	0.49		1	0.0032	0.050	ug/L	11/06/25 14:32	PB170426
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/06/25 14:32	PB170426
72-54-8	4,4-DDD	0.48		1	0.0071	0.050	ug/L	11/06/25 14:32	PB170426
1031-07-8	Endosulfan Sulfate	0.47		1	0.0037	0.050	ug/L	11/06/25 14:32	PB170426
50-29-3	4,4-DDT	0.49		1	0.0035	0.050	ug/L	11/06/25 14:32	PB170426
72-43-5	Methoxychlor	0.57		1	0.011	0.050	ug/L	11/06/25 14:32	PB170426
53494-70-5	Endrin ketone	0.56		1	0.0093	0.050	ug/L	11/06/25 14:32	PB170426
7421-93-4	Endrin aldehyde	0.48		1	0.011	0.050	ug/L	11/06/25 14:32	PB170426
5103-71-9	alpha-Chlordane	0.45		1	0.0035	0.050	ug/L	11/06/25 14:32	PB170426
5103-74-2	gamma-Chlordane	0.45		1	0.0039	0.050	ug/L	11/06/25 14:32	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 14:32	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.2			30 (31) - 150 (149)	141%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.8			30 (41) - 150 (134)	129%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090995.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170426BSD	SDG No.:	Q3534
Lab Sample ID:	PB170426BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.45		1	0.0039	0.050	ug/L	11/06/25 15:05	PB170426
319-85-7	beta-BHC	0.44		1	0.0049	0.050	ug/L	11/06/25 15:05	PB170426
319-86-8	delta-BHC	0.45		1	0.011	0.050	ug/L	11/06/25 15:05	PB170426
58-89-9	gamma-BHC (Lindane)	0.44		1	0.0037	0.050	ug/L	11/06/25 15:05	PB170426
76-44-8	Heptachlor	0.55		1	0.0027	0.050	ug/L	11/06/25 15:05	PB170426
309-00-2	Aldrin	0.45		1	0.0036	0.050	ug/L	11/06/25 15:05	PB170426
1024-57-3	Heptachlor epoxide	0.48		1	0.0096	0.050	ug/L	11/06/25 15:05	PB170426
959-98-8	Endosulfan I	0.45		1	0.0031	0.050	ug/L	11/06/25 15:05	PB170426
60-57-1	Dieldrin	0.45		1	0.0036	0.050	ug/L	11/06/25 15:05	PB170426
72-55-9	4,4-DDE	0.45		1	0.0037	0.050	ug/L	11/06/25 15:05	PB170426
72-20-8	Endrin	0.47		1	0.0032	0.050	ug/L	11/06/25 15:05	PB170426
33213-65-9	Endosulfan II	0.46		1	0.0079	0.050	ug/L	11/06/25 15:05	PB170426
72-54-8	4,4-DDD	0.47		1	0.0071	0.050	ug/L	11/06/25 15:05	PB170426
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/06/25 15:05	PB170426
50-29-3	4,4-DDT	0.49		1	0.0035	0.050	ug/L	11/06/25 15:05	PB170426
72-43-5	Methoxychlor	0.54		1	0.011	0.050	ug/L	11/06/25 15:05	PB170426
53494-70-5	Endrin ketone	0.57		1	0.0093	0.050	ug/L	11/06/25 15:05	PB170426
7421-93-4	Endrin aldehyde	0.47		1	0.011	0.050	ug/L	11/06/25 15:05	PB170426
5103-71-9	alpha-Chlordane	0.48		1	0.0035	0.050	ug/L	11/06/25 15:05	PB170426
5103-74-2	gamma-Chlordane	0.44		1	0.0039	0.050	ug/L	11/06/25 15:05	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 15:05	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.5			30 (31) - 150 (149)	137%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.3			30 (41) - 150 (134)	127%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3534
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:05 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:05 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090992.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	50.060	50.000	0.1
4,4'-DDE	6.188	6.090	6.290	46.420	50.000	-7.2
4,4'-DDT	7.014	6.915	7.115	50.740	50.000	1.5
Aldrin	5.262	5.164	5.364	47.580	50.000	-4.8
alpha-BHC	3.992	3.894	4.094	48.420	50.000	-3.2
alpha-Chlordane	6.019	5.921	6.121	46.670	50.000	-6.7
beta-BHC	4.511	4.412	4.612	46.700	50.000	-6.6
Decachlorobiphenyl	9.063	8.964	9.164	43.690	50.000	-12.6
delta-BHC	4.759	4.660	4.860	47.810	50.000	-4.4
Dieldrin	6.339	6.240	6.440	47.710	50.000	-4.6
Endosulfan I	6.066	5.968	6.168	47.450	50.000	-5.1
Endosulfan II	6.779	6.681	6.881	48.160	50.000	-3.7
Endosulfan sulfate	7.143	7.045	7.245	47.600	50.000	-4.8
Endrin	6.566	6.468	6.668	47.030	50.000	-5.9
Endrin aldehyde	6.907	6.810	7.010	47.990	50.000	-4.0
Endrin ketone	7.624	7.525	7.725	49.920	50.000	-0.2
gamma-BHC (Lindane)	4.323	4.225	4.425	47.790	50.000	-4.4
gamma-Chlordane	5.938	5.840	6.040	46.860	50.000	-6.3
Heptachlor	4.921	4.823	5.023	58.110	50.000	16.2
Heptachlor epoxide	5.683	5.584	5.784	48.310	50.000	-3.4
Methoxychlor	7.487	7.388	7.588	51.410	50.000	2.8
Tetrachloro-m-xylene	3.543	3.445	3.645	46.870	50.000	-6.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090992.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.821	6.021	46.250	50.000	-7.5
4,4'-DDE	5.363	5.266	5.466	48.570	50.000	-2.9
4,4'-DDT	6.171	6.074	6.274	50.560	50.000	1.1
Aldrin	4.358	4.261	4.461	48.070	50.000	-3.9
alpha-BHC	3.385	3.287	3.487	48.530	50.000	-2.9
alpha-Chlordane	5.179	5.081	5.281	47.750	50.000	-4.5
beta-BHC	4.017	3.919	4.119	47.620	50.000	-4.8
Decachlorobiphenyl	8.059	7.962	8.162	50.400	50.000	0.8
delta-BHC	4.253	4.155	4.355	48.290	50.000	-3.4
Dieldrin	5.501	5.404	5.604	48.320	50.000	-3.4
Endosulfan I	5.235	5.138	5.338	45.880	50.000	-8.2
Endosulfan II	6.069	5.972	6.172	46.380	50.000	-7.2
Endosulfan sulfate	6.471	6.374	6.574	49.280	50.000	-1.4
Endrin	5.778	5.681	5.881	47.430	50.000	-5.1
Endrin aldehyde	6.247	6.150	6.350	49.950	50.000	-0.1
Endrin ketone	6.979	6.883	7.083	53.660	50.000	7.3
gamma-BHC (Lindane)	3.721	3.623	3.823	48.300	50.000	-3.4
gamma-Chlordane	5.114	5.017	5.217	47.820	50.000	-4.4
Heptachlor	4.073	3.975	4.175	50.580	50.000	1.2
Heptachlor epoxide	4.861	4.764	4.964	47.020	50.000	-6.0
Methoxychlor	6.742	6.645	6.845	51.500	50.000	3.0
Tetrachloro-m-xylene	2.874	2.775	2.975	48.060	50.000	-3.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:10 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:10 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091013.D **Time Analyzed:** 19:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.698	6.600	6.800	51.110	50.000	2.2
4,4'-DDE	6.188	6.090	6.290	46.760	50.000	-6.5
4,4'-DDT	7.013	6.915	7.115	49.590	50.000	-0.8
Aldrin	5.262	5.164	5.364	47.720	50.000	-4.6
alpha-BHC	3.992	3.894	4.094	48.960	50.000	-2.1
alpha-Chlordane	6.018	5.921	6.121	46.050	50.000	-7.9
beta-BHC	4.510	4.412	4.612	47.120	50.000	-5.8
Decachlorobiphenyl	9.061	8.964	9.164	44.140	50.000	-11.7
delta-BHC	4.759	4.660	4.860	48.580	50.000	-2.8
Dieldrin	6.338	6.240	6.440	48.280	50.000	-3.4
Endosulfan I	6.066	5.968	6.168	47.530	50.000	-4.9
Endosulfan II	6.779	6.681	6.881	48.290	50.000	-3.4
Endosulfan sulfate	7.142	7.045	7.245	47.730	50.000	-4.5
Endrin	6.566	6.468	6.668	47.810	50.000	-4.4
Endrin aldehyde	6.908	6.810	7.010	48.240	50.000	-3.5
Endrin ketone	7.623	7.525	7.725	50.520	50.000	1.0
gamma-BHC (Lindane)	4.323	4.225	4.425	48.200	50.000	-3.6
gamma-Chlordane	5.937	5.840	6.040	47.100	50.000	-5.8
Heptachlor	4.920	4.823	5.023	57.740	50.000	15.5
Heptachlor epoxide	5.682	5.584	5.784	48.530	50.000	-2.9
Methoxychlor	7.486	7.388	7.588	49.400	50.000	-1.2
Tetrachloro-m-xylene	3.543	3.445	3.645	46.980	50.000	-6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091013.D **Time Analyzed:** 19:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.917	5.821	6.021	49.590	50.000	-0.8
4,4'-DDE	5.363	5.266	5.466	48.230	50.000	-3.5
4,4'-DDT	6.171	6.074	6.274	48.920	50.000	-2.2
Aldrin	4.358	4.261	4.461	48.180	50.000	-3.6
alpha-BHC	3.385	3.287	3.487	49.080	50.000	-1.8
alpha-Chlordane	5.179	5.081	5.281	47.690	50.000	-4.6
beta-BHC	4.017	3.919	4.119	47.850	50.000	-4.3
Decachlorobiphenyl	8.058	7.962	8.162	50.040	50.000	0.1
delta-BHC	4.253	4.155	4.355	48.770	50.000	-2.5
Dieldrin	5.501	5.404	5.604	48.370	50.000	-3.3
Endosulfan I	5.236	5.138	5.338	45.880	50.000	-8.2
Endosulfan II	6.069	5.972	6.172	48.660	50.000	-2.7
Endosulfan sulfate	6.471	6.374	6.574	48.950	50.000	-2.1
Endrin	5.778	5.681	5.881	48.460	50.000	-3.1
Endrin aldehyde	6.247	6.150	6.350	48.910	50.000	-2.2
Endrin ketone	6.978	6.883	7.083	52.410	50.000	4.8
gamma-BHC (Lindane)	3.721	3.623	3.823	48.750	50.000	-2.5
gamma-Chlordane	5.114	5.017	5.217	47.800	50.000	-4.4
Heptachlor	4.072	3.975	4.175	50.280	50.000	0.6
Heptachlor epoxide	4.861	4.764	4.964	46.940	50.000	-6.1
Methoxychlor	6.742	6.645	6.845	49.470	50.000	-1.1
Tetrachloro-m-xylene	2.873	2.775	2.975	48.520	50.000	-3.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 10:10 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 10:10 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091017.D **Time Analyzed:** 10:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.698	6.600	6.800	53.320	50.000	6.6
4,4'-DDE	6.189	6.090	6.290	48.830	50.000	-2.3
4,4'-DDT	7.014	6.915	7.115	52.380	50.000	4.8
Aldrin	5.263	5.164	5.364	50.120	50.000	0.2
alpha-BHC	3.993	3.894	4.094	51.440	50.000	2.9
alpha-Chlordane	6.019	5.921	6.121	48.970	50.000	-2.1
beta-BHC	4.511	4.412	4.612	49.180	50.000	-1.6
Decachlorobiphenyl	9.063	8.964	9.164	46.610	50.000	-6.8
delta-BHC	4.759	4.660	4.860	50.630	50.000	1.3
Dieldrin	6.339	6.240	6.440	50.510	50.000	1.0
Endosulfan I	6.066	5.968	6.168	49.850	50.000	-0.3
Endosulfan II	6.779	6.681	6.881	50.530	50.000	1.1
Endosulfan sulfate	7.143	7.045	7.245	49.710	50.000	-0.6
Endrin	6.567	6.468	6.668	49.360	50.000	-1.3
Endrin aldehyde	6.908	6.810	7.010	50.950	50.000	1.9
Endrin ketone	7.624	7.525	7.725	51.990	50.000	4.0
gamma-BHC (Lindane)	4.324	4.225	4.425	50.510	50.000	1.0
gamma-Chlordane	5.938	5.840	6.040	49.310	50.000	-1.4
Heptachlor	4.920	4.823	5.023	59.830	50.000	19.7
Heptachlor epoxide	5.683	5.584	5.784	51.140	50.000	2.3
Methoxychlor	7.487	7.388	7.588	52.780	50.000	5.6
Tetrachloro-m-xylene	3.544	3.445	3.645	49.160	50.000	-1.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091017.D **Time Analyzed:** 10:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.917	5.821	6.021	53.730	50.000	7.5
4,4'-DDE	5.363	5.266	5.466	52.370	50.000	4.7
4,4'-DDT	6.171	6.074	6.274	53.960	50.000	7.9
Aldrin	4.358	4.261	4.461	52.300	50.000	4.6
alpha-BHC	3.385	3.287	3.487	52.850	50.000	5.7
alpha-Chlordane	5.179	5.081	5.281	51.750	50.000	3.5
beta-BHC	4.017	3.919	4.119	51.540	50.000	3.1
Decachlorobiphenyl	8.058	7.962	8.162	54.040	50.000	8.1
delta-BHC	4.253	4.155	4.355	52.270	50.000	4.5
Dieldrin	5.501	5.404	5.604	52.230	50.000	4.5
Endosulfan I	5.236	5.138	5.338	49.320	50.000	-1.4
Endosulfan II	6.069	5.972	6.172	52.760	50.000	5.5
Endosulfan sulfate	6.471	6.374	6.574	52.730	50.000	5.5
Endrin	5.778	5.681	5.881	51.270	50.000	2.5
Endrin aldehyde	6.247	6.150	6.350	53.490	50.000	7.0
Endrin ketone	6.979	6.883	7.083	57.790	50.000	15.6
gamma-BHC (Lindane)	3.721	3.623	3.823	52.450	50.000	4.9
gamma-Chlordane	5.114	5.017	5.217	51.890	50.000	3.8
Heptachlor	4.073	3.975	4.175	54.080	50.000	8.2
Heptachlor epoxide	4.862	4.764	4.964	50.810	50.000	1.6
Methoxychlor	6.742	6.645	6.845	54.430	50.000	8.9
Tetrachloro-m-xylene	2.874	2.775	2.975	52.180	50.000	4.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:32 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:32 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091026.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	54.820	50.000	9.6
4,4'-DDE	6.190	6.090	6.290	46.700	50.000	-6.6
4,4'-DDT	7.015	6.915	7.115	51.990	50.000	4.0
Aldrin	5.263	5.164	5.364	48.620	50.000	-2.8
alpha-BHC	3.994	3.894	4.094	49.560	50.000	-0.9
alpha-Chlordane	6.020	5.921	6.121	46.400	50.000	-7.2
beta-BHC	4.512	4.412	4.612	48.130	50.000	-3.7
Decachlorobiphenyl	9.065	8.964	9.164	45.770	50.000	-8.5
delta-BHC	4.760	4.660	4.860	49.210	50.000	-1.6
Dieldrin	6.340	6.240	6.440	49.040	50.000	-1.9
Endosulfan I	6.068	5.968	6.168	48.230	50.000	-3.5
Endosulfan II	6.779	6.681	6.881	47.870	50.000	-4.3
Endosulfan sulfate	7.144	7.045	7.245	48.110	50.000	-3.8
Endrin	6.568	6.468	6.668	49.730	50.000	-0.5
Endrin aldehyde	6.908	6.810	7.010	48.360	50.000	-3.3
Endrin ketone	7.626	7.525	7.725	50.160	50.000	0.3
gamma-BHC (Lindane)	4.324	4.225	4.425	48.920	50.000	-2.2
gamma-Chlordane	5.939	5.840	6.040	47.870	50.000	-4.3
Heptachlor	4.922	4.823	5.023	58.580	50.000	17.2
Heptachlor epoxide	5.684	5.584	5.784	51.710	50.000	3.4
Methoxychlor	7.489	7.388	7.588	52.740	50.000	5.5
Tetrachloro-m-xylene	3.544	3.445	3.645	47.770	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091026.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.821	6.021	52.760	50.000	5.5
4,4'-DDE	5.362	5.266	5.466	50.500	50.000	1.0
4,4'-DDT	6.172	6.074	6.274	53.640	50.000	7.3
Aldrin	4.359	4.261	4.461	51.740	50.000	3.5
alpha-BHC	3.385	3.287	3.487	51.700	50.000	3.4
alpha-Chlordane	5.180	5.081	5.281	50.320	50.000	0.6
beta-BHC	4.018	3.919	4.119	49.800	50.000	-0.4
Decachlorobiphenyl	8.059	7.962	8.162	54.870	50.000	9.7
delta-BHC	4.254	4.155	4.355	51.510	50.000	3.0
Dieldrin	5.502	5.404	5.604	51.530	50.000	3.1
Endosulfan I	5.236	5.138	5.338	41.290	50.000	-17.4
Endosulfan II	6.070	5.972	6.172	51.980	50.000	4.0
Endosulfan sulfate	6.471	6.374	6.574	52.020	50.000	4.0
Endrin	5.779	5.681	5.881	53.110	50.000	6.2
Endrin aldehyde	6.248	6.150	6.350	52.670	50.000	5.3
Endrin ketone	6.979	6.883	7.083	58.870	50.000	17.7
gamma-BHC (Lindane)	3.721	3.623	3.823	51.380	50.000	2.8
gamma-Chlordane	5.115	5.017	5.217	50.670	50.000	1.3
Heptachlor	4.073	3.975	4.175	53.310	50.000	6.6
Heptachlor epoxide	4.862	4.764	4.964	49.440	50.000	-1.1
Methoxychlor	6.742	6.645	6.845	54.070	50.000	8.1
Tetrachloro-m-xylene	2.874	2.775	2.975	51.110	50.000	2.2

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090981.D **Date Analyzed:** 11/06/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:34

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.062	8.960	9.160	21.660	20.000	8.3
Tetrachloro-m-xylene	3.544	3.490	3.590	22.290	20.000	11.5
alpha-BHC	3.993	3.940	4.040	9.490	10.000	-5.1
beta-BHC	4.511	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	9.720	10.000	-2.8
Endrin	6.567	6.500	6.640	51.620	50.000	3.2
4,4'-DDT	7.015	6.940	7.090	110.870	100.000	10.9
Methoxychlor	7.488	7.420	7.560	262.650	250.000	5.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090981.D **Date Analyzed:** 11/06/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:34

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.960	8.160	23.650	20.000	18.3
Tetrachloro-m-xylene	2.874	2.820	2.920	23.040	20.000	15.2
alpha-BHC	3.385	3.330	3.440	11.220	10.000	12.2
beta-BHC	4.017	3.970	4.070	11.440	10.000	14.4
gamma-BHC (Lindane)	3.721	3.670	3.770	11.300	10.000	13.0
Endrin	5.779	5.710	5.850	51.010	50.000	2.0
4,4'-DDT	6.172	6.100	6.240	108.570	100.000	8.6
Methoxychlor	6.742	6.670	6.810	224.730	250.000	-10.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091016.D **Date Analyzed:** 11/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.063	8.960	9.160	22.710	20.000	13.6
Tetrachloro-m-xylene	3.544	3.490	3.590	22.750	20.000	13.8
alpha-BHC	3.992	3.940	4.040	9.790	10.000	-2.1
beta-BHC	4.511	4.460	4.560	11.070	10.000	10.7
gamma-BHC (Lindane)	4.323	4.270	4.370	9.990	10.000	-0.1
Endrin	6.566	6.500	6.640	51.180	50.000	2.4
4,4'-DDT	7.014	6.940	7.080	108.650	100.000	8.7
Methoxychlor	7.487	7.420	7.560	255.870	250.000	2.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091016.D **Date Analyzed:** 11/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.058	7.960	8.160	25.950	20.000	29.8
Tetrachloro-m-xylene	2.873	2.820	2.920	24.210	20.000	21.1
alpha-BHC	3.385	3.330	3.440	11.810	10.000	18.1
beta-BHC	4.017	3.970	4.070	12.100	10.000	21.0
gamma-BHC (Lindane)	3.721	3.670	3.770	11.830	10.000	18.3
Endrin	5.778	5.710	5.850	52.540	50.000	5.1
4,4'-DDT	6.171	6.100	6.240	110.850	100.000	10.9
Methoxychlor	6.741	6.670	6.810	231.280	250.000	-7.5

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
PEM	PEM	11/06/2025	09:34	PD090981.D	9.06	3.54
I.BLK	I.BLK	11/06/2025	13:51	PD090991.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/06/2025	14:05	PD090992.D	9.06	3.54
PB170426BL	PB170426BL	11/06/2025	14:19	PD090993.D	9.06	3.54
PB170426BS	PB170426BS	11/06/2025	14:32	PD090994.D	9.06	3.54
PB170426BSD	PB170426BSD	11/06/2025	15:05	PD090995.D	9.07	3.55
MW-6	Q3534-01	11/06/2025	15:18	PD090996.D	9.06	3.54
MW-1	Q3534-02	11/06/2025	15:32	PD090997.D	9.06	3.54
MW-11	Q3534-03	11/06/2025	15:46	PD090998.D	9.06	3.54
MW-5	Q3534-04	11/06/2025	15:59	PD090999.D	9.06	3.54
MW-EB-1	Q3534-05	11/06/2025	16:13	PD091000.D	9.06	3.55
FB-1	Q3534-09	11/06/2025	16:54	PD091003.D	9.06	3.54
EB-1	Q3534-10	11/06/2025	17:08	PD091004.D	9.06	3.54
I.BLK	I.BLK	11/06/2025	18:57	PD091012.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/06/2025	19:10	PD091013.D	9.06	3.54
I.BLK	I.BLK	11/07/2025	09:43	PD091015.D	9.06	3.54
PEM	PEM	11/07/2025	09:56	PD091016.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/07/2025	10:10	PD091017.D	9.06	3.54
MW-EB-2	Q3534-06	11/07/2025	10:39	PD091019.D	9.06	3.54
MW-EB-3	Q3534-07	11/07/2025	10:53	PD091020.D	9.06	3.54
MW-EB-1DL	Q3534-05DL	11/07/2025	11:07	PD091021.D	9.06	3.54
I.BLK	I.BLK	11/07/2025	13:18	PD091025.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/07/2025	13:32	PD091026.D	9.07	3.54

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
PEM	PEM	11/06/2025	09:34	PD090981.D	8.06	2.87
I.BLK	I.BLK	11/06/2025	13:51	PD090991.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/06/2025	14:05	PD090992.D	8.06	2.87
PB170426BL	PB170426BL	11/06/2025	14:19	PD090993.D	8.06	2.87
PB170426BS	PB170426BS	11/06/2025	14:32	PD090994.D	8.06	2.87
PB170426BSD	PB170426BSD	11/06/2025	15:05	PD090995.D	8.06	2.87
MW-6	Q3534-01	11/06/2025	15:18	PD090996.D	8.07	2.87
MW-1	Q3534-02	11/06/2025	15:32	PD090997.D	8.06	2.87
MW-11	Q3534-03	11/06/2025	15:46	PD090998.D	8.06	2.87
MW-5	Q3534-04	11/06/2025	15:59	PD090999.D	8.06	2.87
MW-EB-1	Q3534-05	11/06/2025	16:13	PD091000.D	8.06	2.87
FB-1	Q3534-09	11/06/2025	16:54	PD091003.D	8.06	2.87
EB-1	Q3534-10	11/06/2025	17:08	PD091004.D	8.06	2.87
I.BLK	I.BLK	11/06/2025	18:57	PD091012.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/06/2025	19:10	PD091013.D	8.06	2.87
I.BLK	I.BLK	11/07/2025	09:43	PD091015.D	8.06	2.87
PEM	PEM	11/07/2025	09:56	PD091016.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/07/2025	10:10	PD091017.D	8.06	2.87
MW-EB-2	Q3534-06	11/07/2025	10:39	PD091019.D	8.06	2.87
MW-EB-3	Q3534-07	11/07/2025	10:53	PD091020.D	8.06	2.87
MW-EB-1DL	Q3534-05DL	11/07/2025	11:07	PD091021.D	8.06	2.87
I.BLK	I.BLK	11/07/2025	13:18	PD091025.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/07/2025	13:32	PD091026.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-5

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: Q3534-04 **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
beta-BHC	1	4.51	4.46	4.56	0.028	93.1
	2	4.02	3.97	4.07	0.010	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-EB-1

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: Q3534-05 **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
beta-BHC	1	4.52	4.47	4.57	9.90	67.6
	2	4.02	3.97	4.07	4.90	
Endosulfan I	1	6.07	6.02	6.12	0.92	172.1
	2	5.23	5.18	5.28	0.069	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-EB-1DL

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: Q3534-05DL **Date(s) Analyzed:** 11/07/2025 11/07/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
beta-BHC	1	4.52	4.47	4.57	9.10	19.3
	2	4.02	3.97	4.07	7.50	
Endosulfan I	1	6.07	6.02	6.12	0.96	180.1
	2	5.24	5.19	5.29	0.051	

Alliance TECHNICAL GROUP
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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: PB170426BS **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	0.48	3.1
	2	6.07	6.02	6.12	0.47	
4,4'-DDD	1	6.70	6.65	6.75	0.48	1.8
	2	5.92	5.87	5.97	0.47	
4,4'-DDT	1	7.01	6.96	7.06	0.49	0.3
	2	6.17	6.12	6.22	0.49	
Endrin aldehyde	1	6.91	6.86	6.96	0.46	5
	2	6.25	6.20	6.30	0.48	
Endosulfan sulfate	1	7.14	7.09	7.19	0.46	3.6
	2	6.47	6.42	6.52	0.47	
Methoxychlor	1	7.49	7.44	7.54	0.57	14.5
	2	6.74	6.69	6.79	0.50	
Endrin ketone	1	7.62	7.57	7.67	0.47	16.5
	2	6.98	6.93	7.03	0.56	
alpha-BHC	1	3.99	3.94	4.04	0.45	2
	2	3.39	3.34	3.44	0.46	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.44	3
	2	3.72	3.67	3.77	0.46	
Heptachlor	1	4.92	4.87	4.97	0.55	13.1
	2	4.07	4.02	4.12	0.48	
Aldrin	1	5.26	5.21	5.31	0.45	2
	2	4.36	4.31	4.41	0.46	
beta-BHC	1	4.51	4.46	4.56	0.43	3.7
	2	4.02	3.97	4.07	0.45	
delta-BHC	1	4.76	4.71	4.81	0.45	0.7
	2	4.25	4.20	4.30	0.45	
Heptachlor epoxide	1	5.68	5.63	5.73	0.47	4.5
	2	4.86	4.81	4.91	0.45	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: PB170426BS **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	0.45	6.8
	2	5.24	5.19	5.29	0.42	
gamma-Chlordane	1	5.94	5.89	5.99	0.44	1.9
	2	5.11	5.06	5.16	0.45	
alpha-Chlordane	1	6.02	5.97	6.07	0.44	1.7
	2	5.18	5.13	5.23	0.45	
4,4'-DDE	1	6.19	6.14	6.24	0.43	4.4
	2	5.36	5.31	5.41	0.45	
Dieldrin	1	6.34	6.29	6.39	0.45	2
	2	5.50	5.45	5.55	0.46	
Endrin	1	6.57	6.52	6.62	0.45	8.2
	2	5.78	5.73	5.83	0.49	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: PB170426BSD **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	0.46	2.3
	2	6.07	6.02	6.12	0.45	
4,4'-DDD	1	6.71	6.66	6.76	0.47	3.5
	2	5.92	5.87	5.97	0.46	
4,4'-DDT	1	7.02	6.97	7.07	0.49	4.5
	2	6.17	6.12	6.22	0.47	
Endrin aldehyde	1	6.92	6.87	6.97	0.47	0.2
	2	6.25	6.20	6.30	0.47	
Endosulfan sulfate	1	7.15	7.10	7.20	0.45	0.7
	2	6.47	6.42	6.52	0.46	
Methoxychlor	1	7.49	7.44	7.54	0.54	11.7
	2	6.74	6.69	6.79	0.48	
Endrin ketone	1	7.63	7.58	7.68	0.48	18
	2	6.98	6.93	7.03	0.57	
alpha-BHC	1	4.00	3.95	4.05	0.45	0.3
	2	3.39	3.34	3.44	0.45	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.44	1.1
	2	3.72	3.67	3.77	0.44	
Heptachlor	1	4.93	4.88	4.98	0.55	16.5
	2	4.07	4.02	4.12	0.47	
Aldrin	1	5.27	5.22	5.32	0.45	0.6
	2	4.36	4.31	4.41	0.44	
beta-BHC	1	4.52	4.47	4.57	0.43	1.9
	2	4.02	3.97	4.07	0.44	
delta-BHC	1	4.77	4.72	4.82	0.45	2.8
	2	4.25	4.20	4.30	0.44	
Heptachlor epoxide	1	5.69	5.64	5.74	0.48	11.1
	2	4.86	4.81	4.91	0.43	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Lab Sample ID: PB170426BSD **Date(s) Analyzed:** 11/06/2025 11/06/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	0.45	10.9
	2	5.24	5.19	5.29	0.41	
gamma-Chlordane	1	5.95	5.90	6.00	0.44	0.1
	2	5.12	5.07	5.17	0.44	
alpha-Chlordane	1	6.03	5.98	6.08	0.48	8.4
	2	5.18	5.13	5.23	0.44	
4,4'-DDE	1	6.20	6.15	6.25	0.43	3.4
	2	5.36	5.31	5.41	0.45	
Dieldrin	1	6.35	6.30	6.40	0.45	1.8
	2	5.50	5.45	5.55	0.45	
Endrin	1	6.58	6.53	6.63	0.46	4
	2	5.78	5.73	5.83	0.47	

SAMPLE RAW DATA

Sample Results: **PD090996.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:18
Operator : AR\AJ
Sample : Q3534-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.872	52372620	408.4E6	16.818m	13.716m
28)	SA Decachlor...	9.063	8.065	81793047	8543.3E6	17.485m	282.036m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:18
Operator : AR\AJ
Sample : Q3534-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

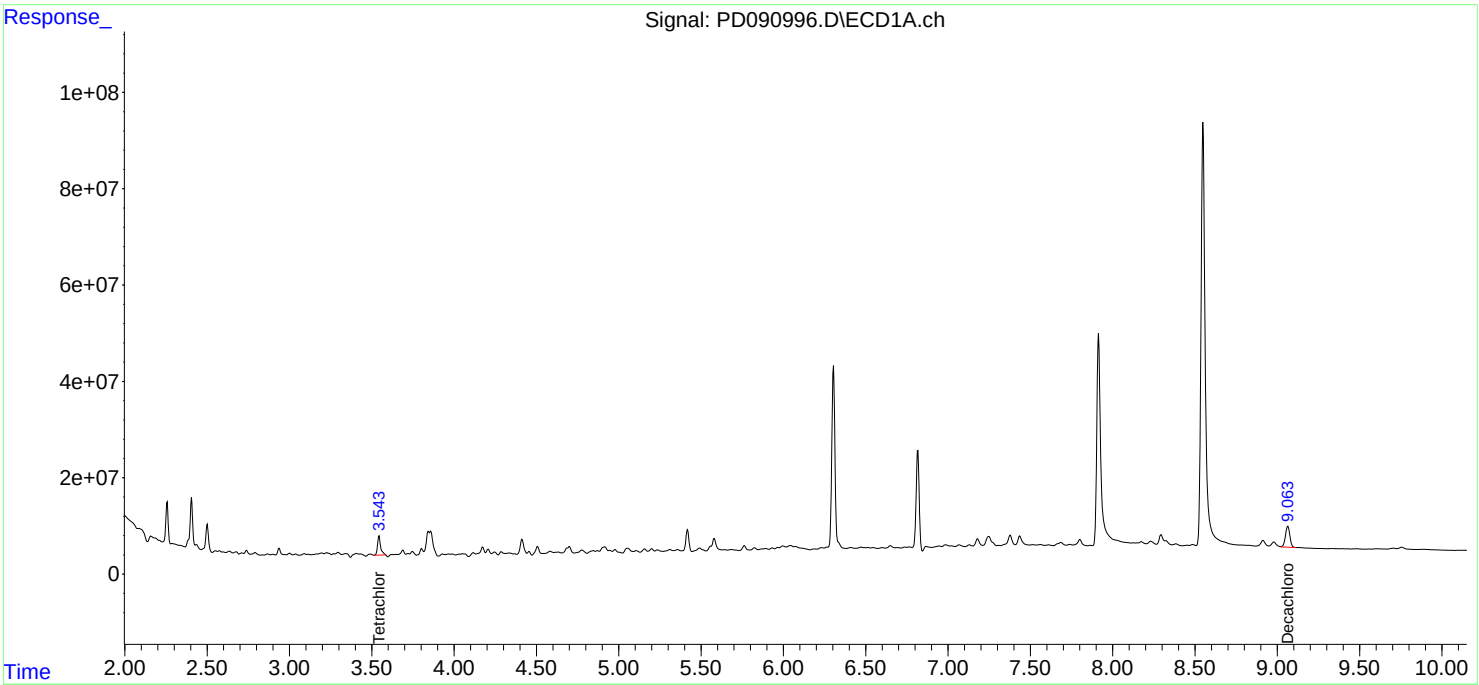
Instrument :
ECD_D
ClientSampleId :
MW-6

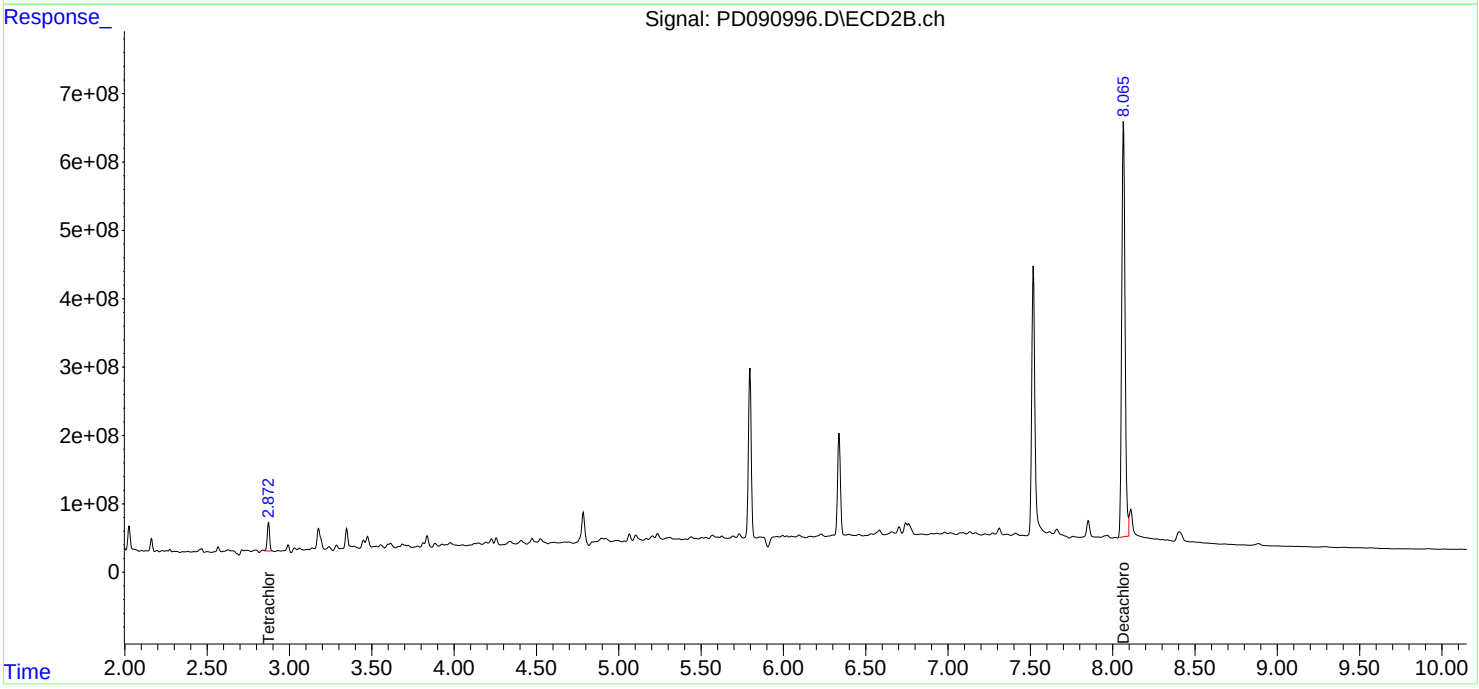
Manual Integrations APPROVED

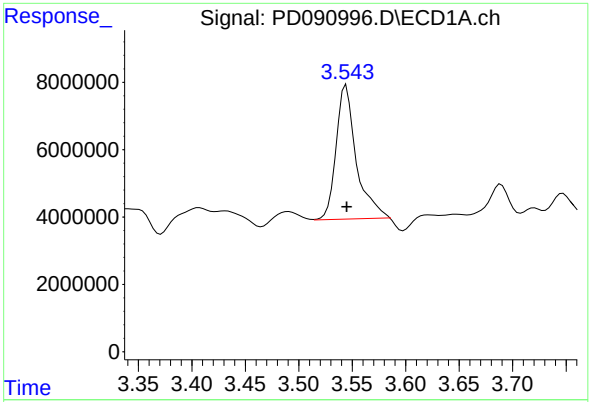
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







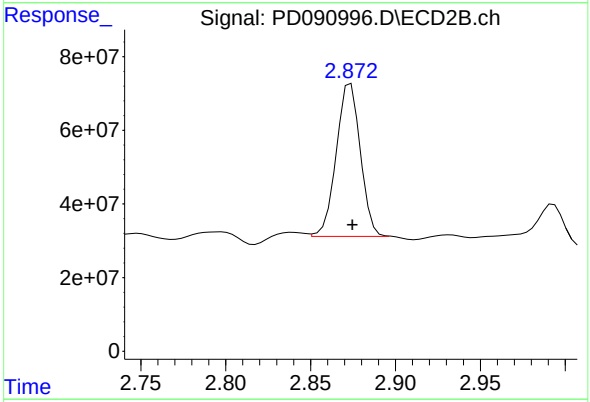
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 52372620
Conc: 16.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-6

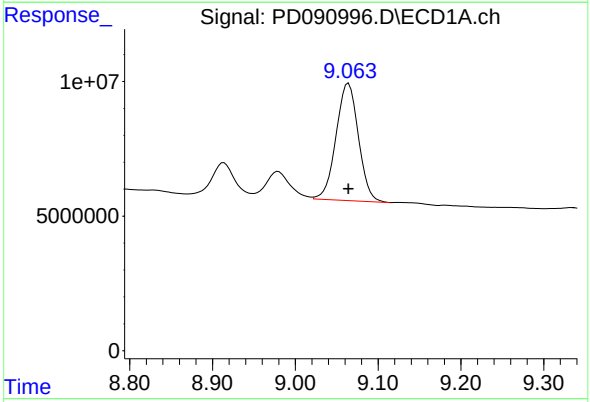
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



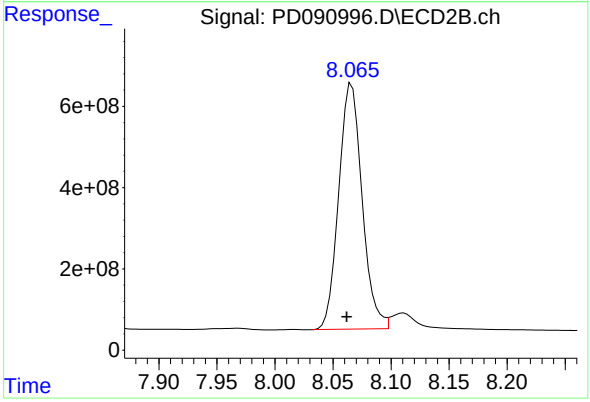
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 408436395
Conc: 13.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 81793047
Conc: 17.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.003 min
Response: 8543262437
Conc: 282.04 ng/ml m

Sample Results: **PD090997.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : AR\AJ
Sample : Q3534-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.872	52446570	518.3E6	16.841	17.406m
28)	SA Decachlor...	9.062	8.058	91474949	690.7E6	19.554	22.802m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : AR\AJ
Sample : Q3534-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

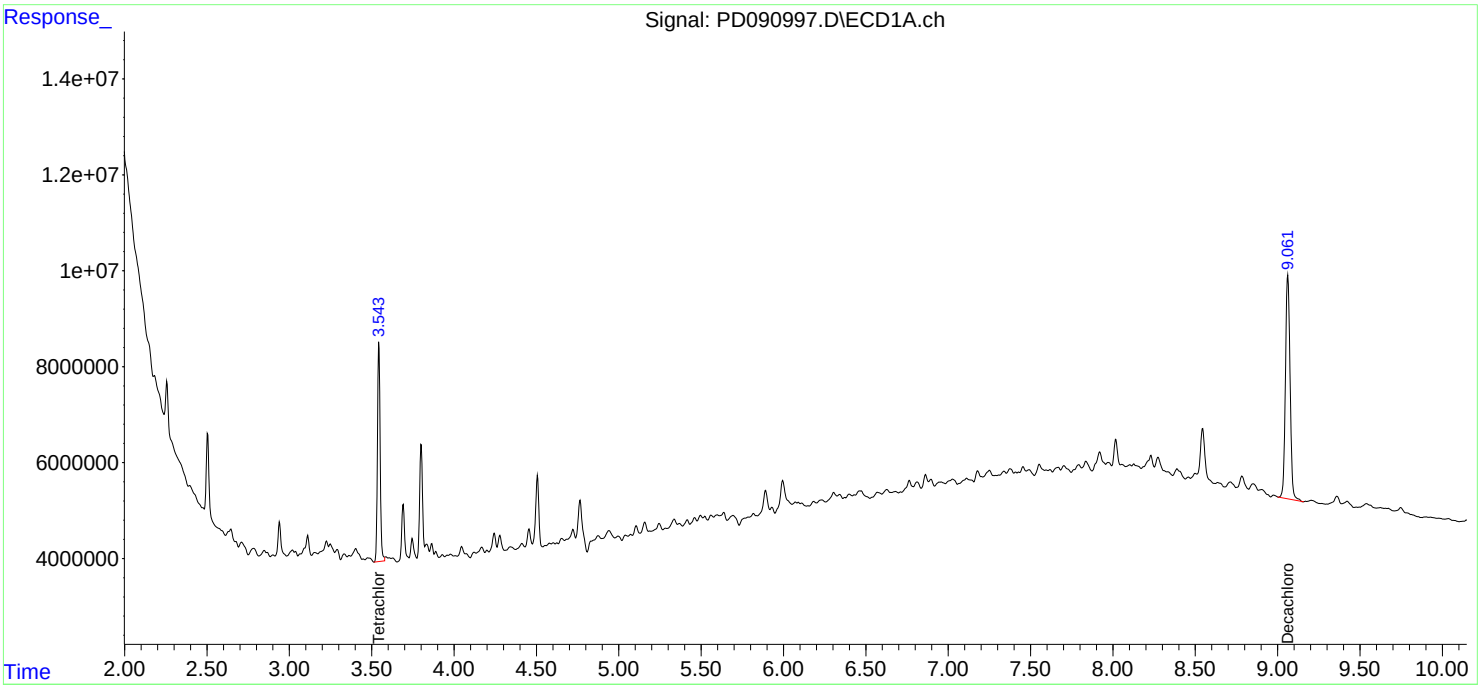
Instrument :
ECD_D
ClientSampleId :
MW-1

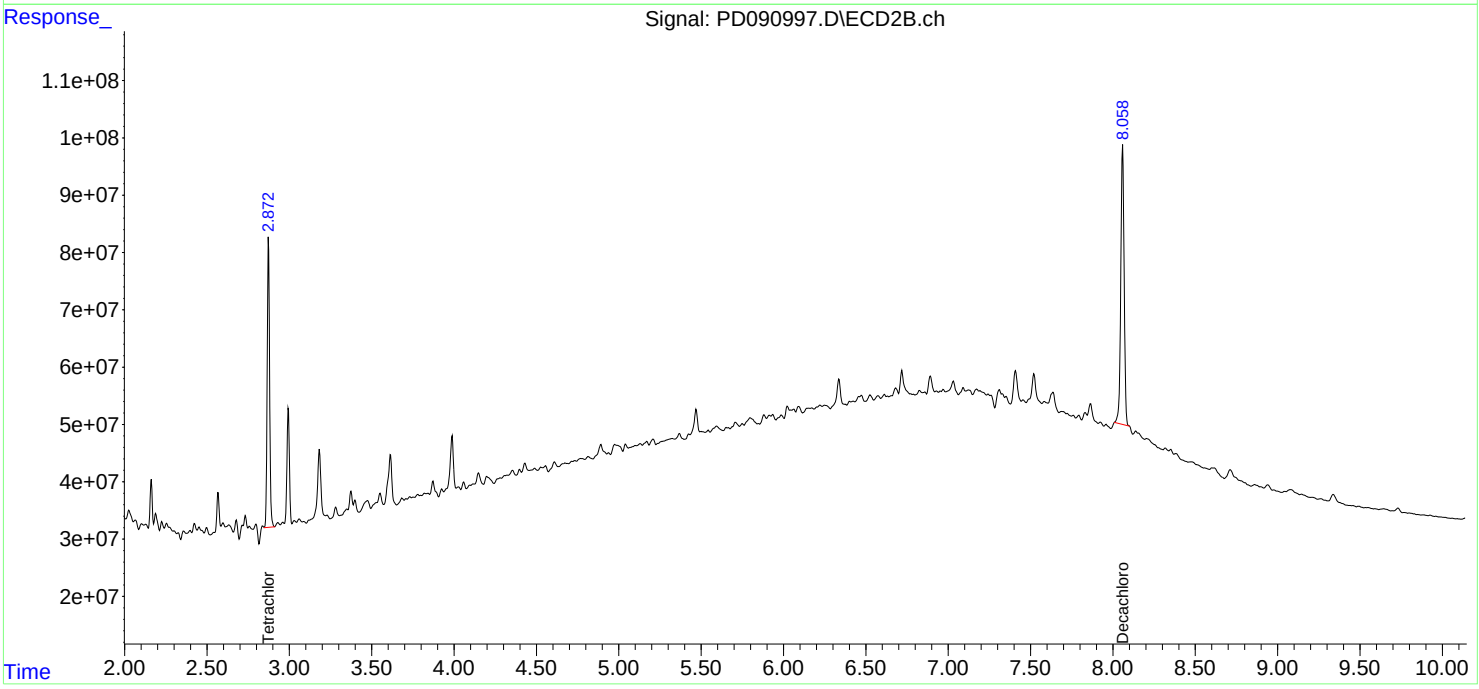
Manual Integrations APPROVED

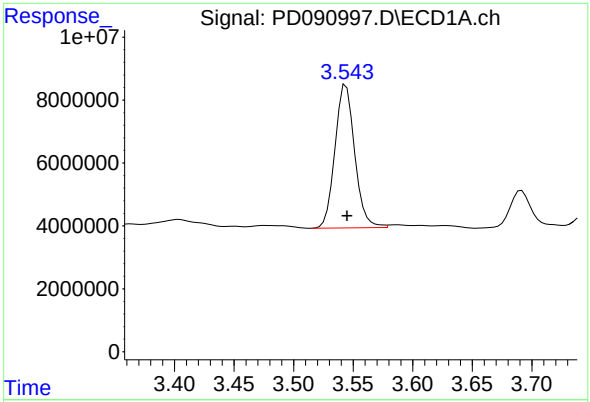
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







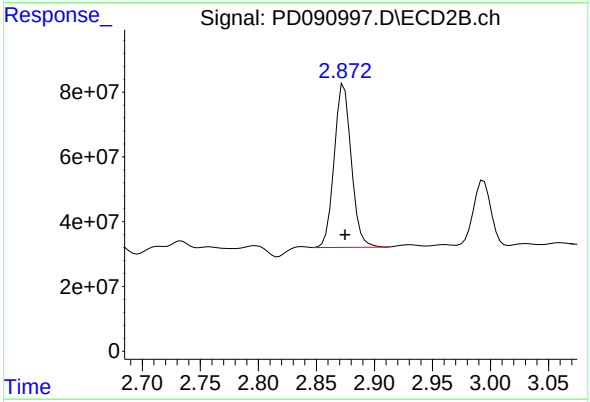
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52446570
Conc: 16.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-1

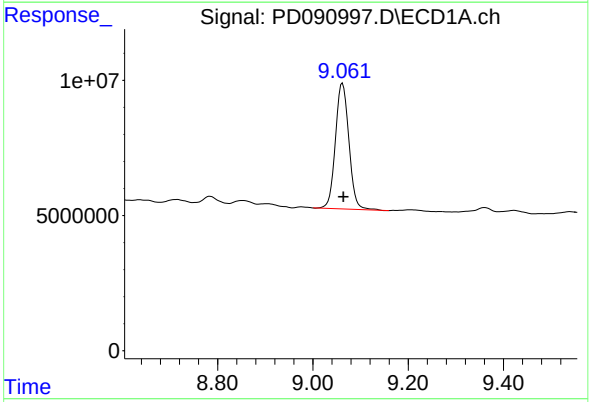
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



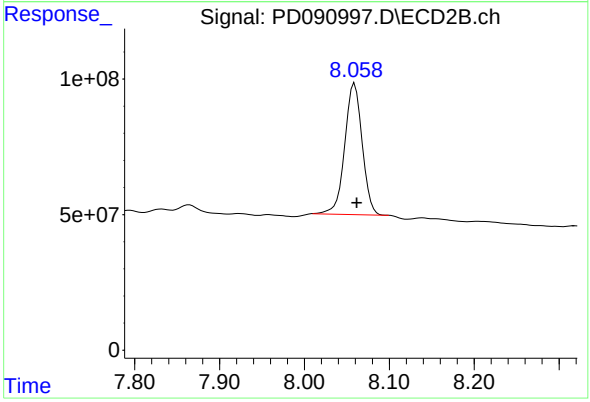
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 518308527
Conc: 17.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 91474949
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 690702718
Conc: 22.80 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:46
Operator : AR\AJ
Sample : Q3534-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	49102533	504.7E6	15.767	16.951
28)	SA Decachlor...	9.063	8.058	83093570	610.2E6	17.763	20.145
	Target Compounds						

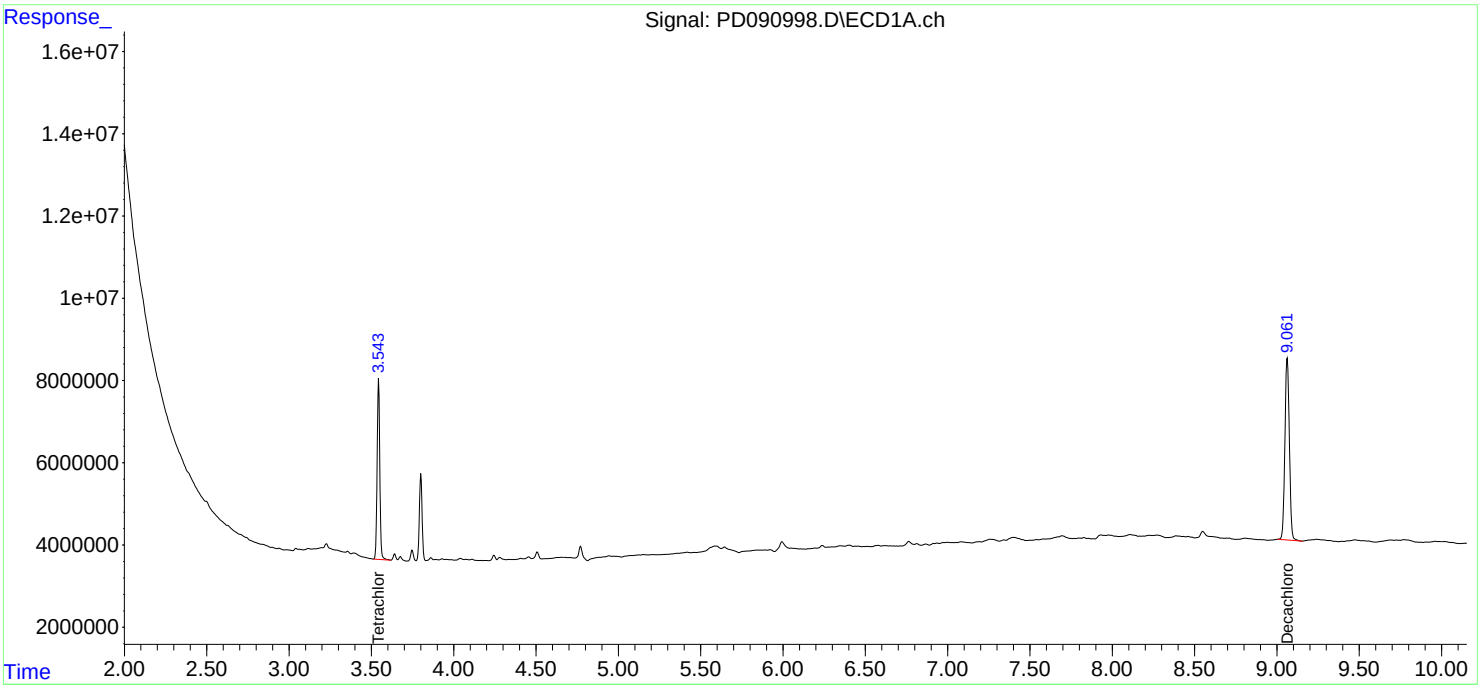
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

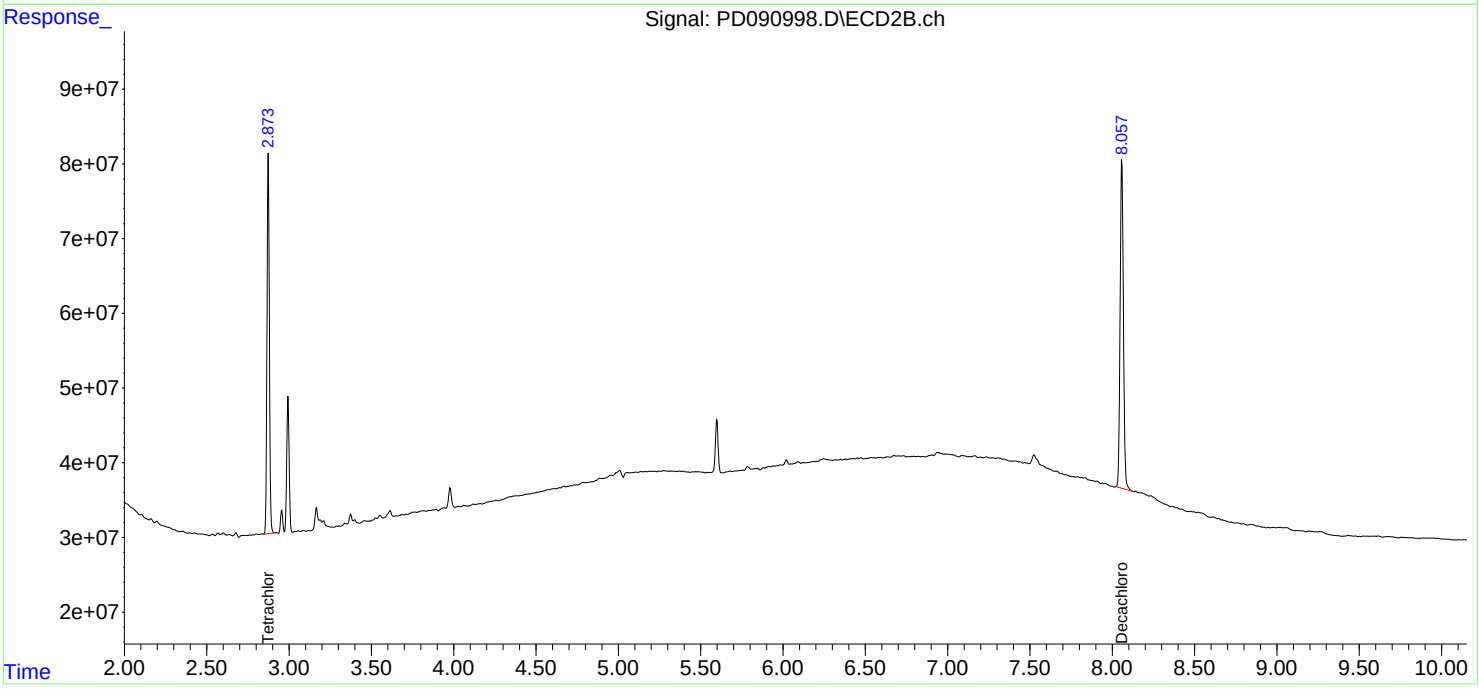
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:46
Operator : AR\AJ
Sample : Q3534-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

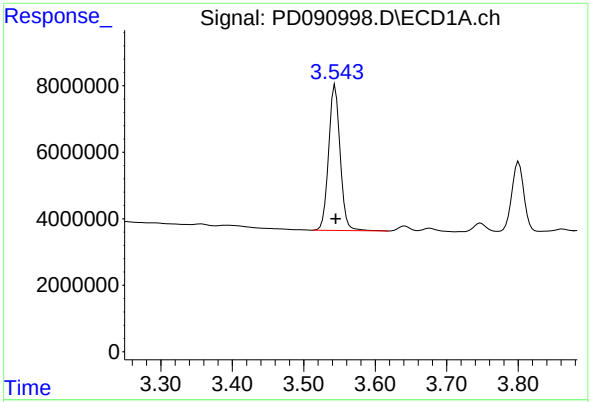
Instrument :
ECD_D
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



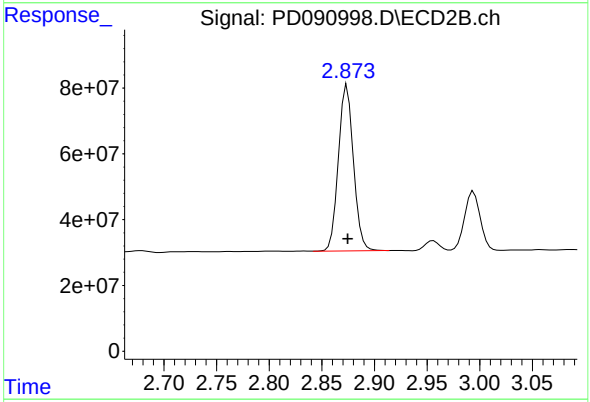




#1 Tetrachloro-m-xylene

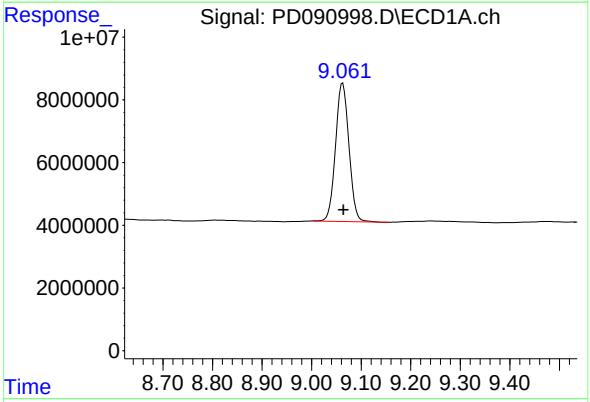
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 49102533
Conc: 15.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-11



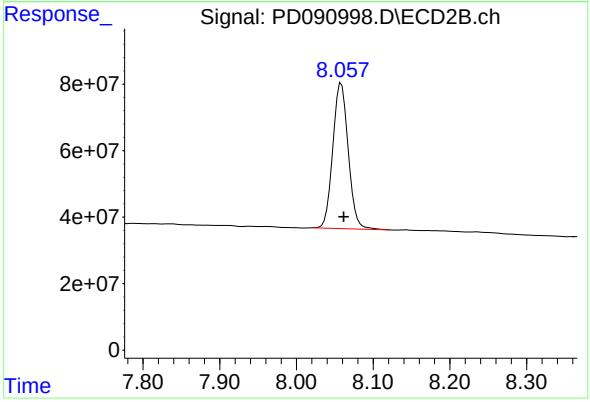
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 504741152
Conc: 16.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 83093570
Conc: 17.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 610233592
Conc: 20.15 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:59
Operator : AR\AJ
Sample : Q3534-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.872	52439869	509.4E6	16.839m	17.107m
28)	SA Decachlor...	9.063	8.061	78464467	703.4E6	16.773	23.222 #
	Target Compounds						
6)	B beta-BHC	4.507	4.015	7059251	19416161	2.695	0.979m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:59
Operator : AR\AJ
Sample : Q3534-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

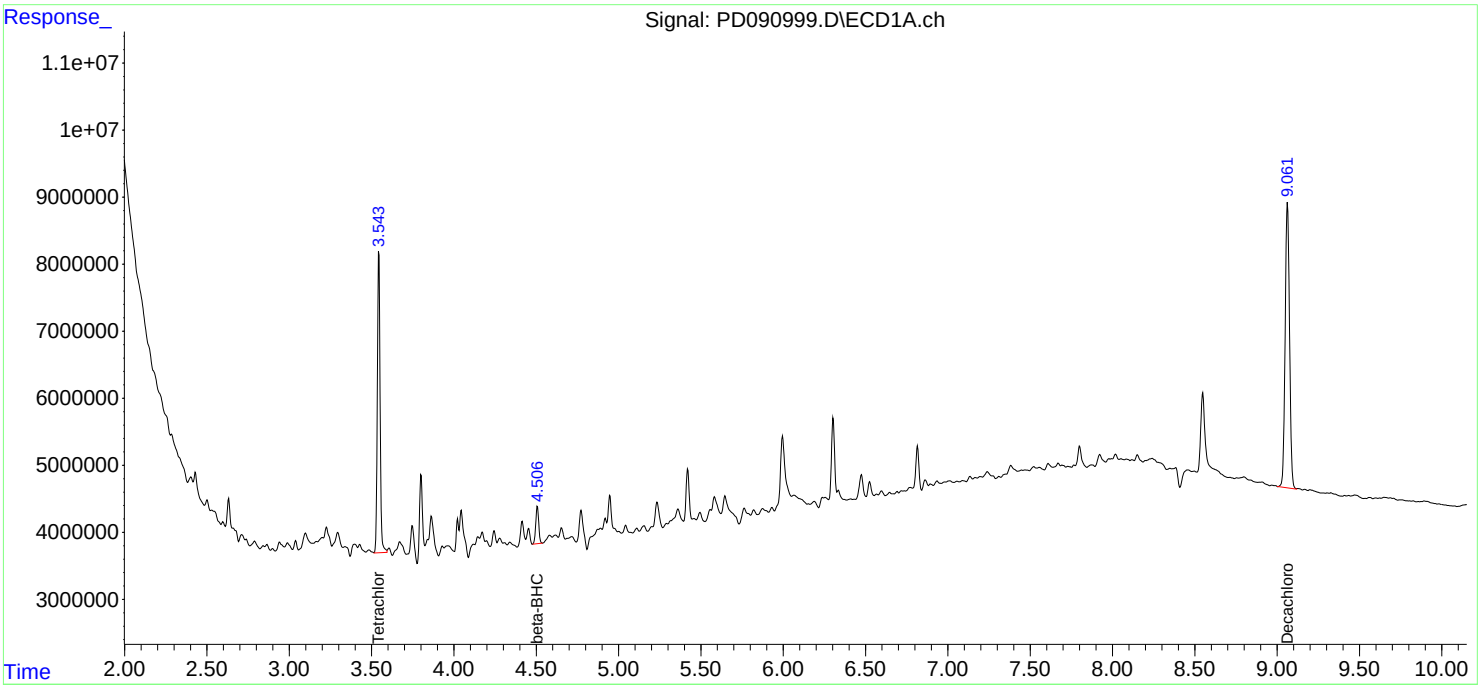
Instrument :
ECD_D
ClientSampleId :
MW-5

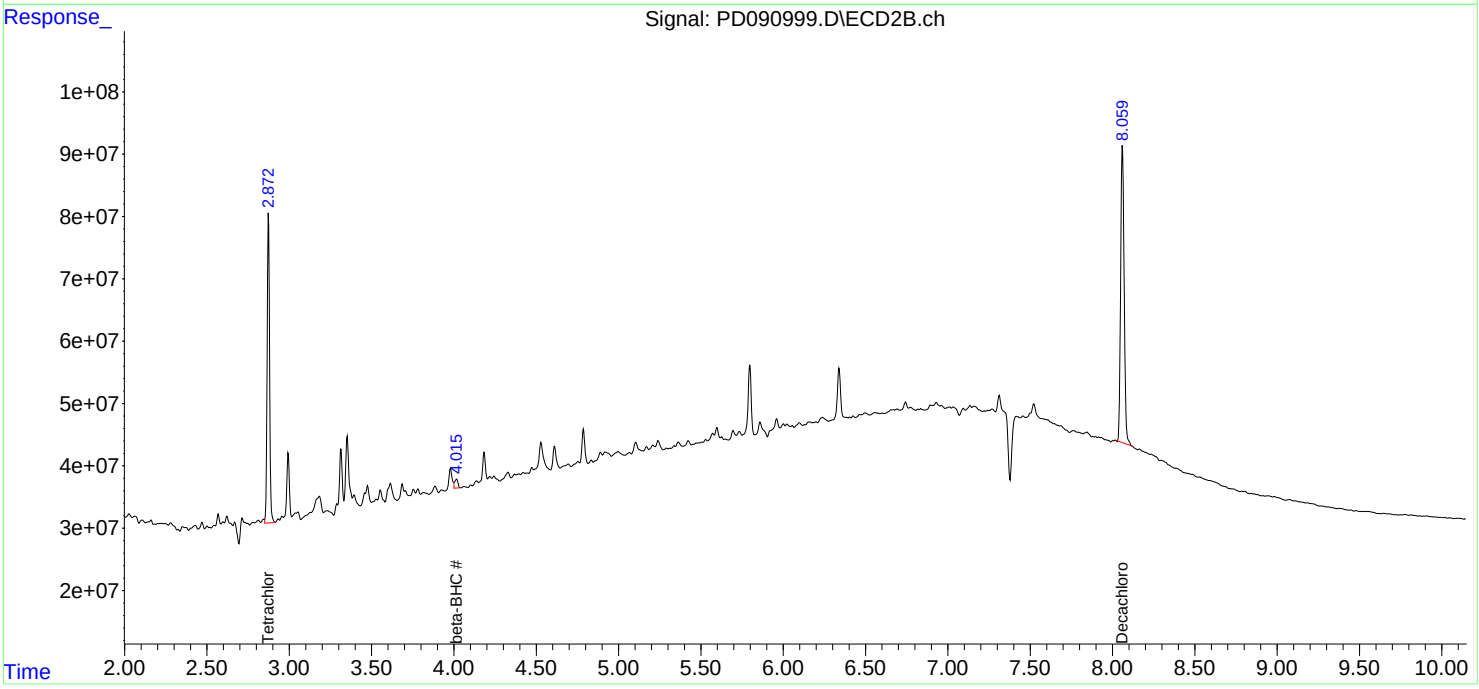
Manual Integrations APPROVED

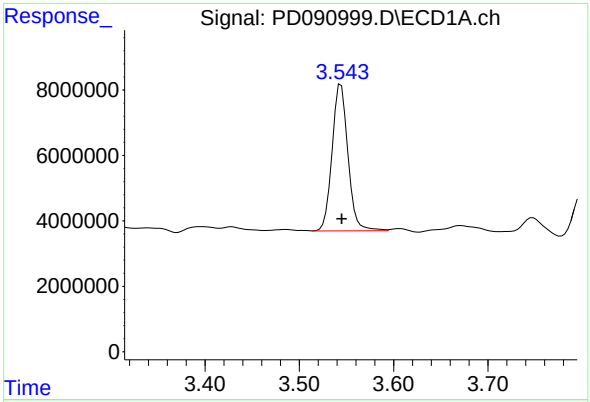
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







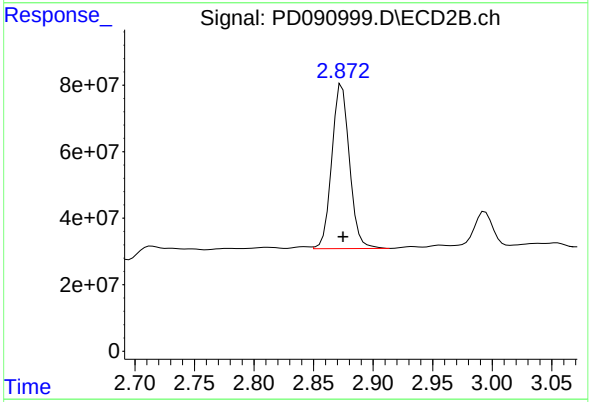
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 52439869
Conc: 16.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-5

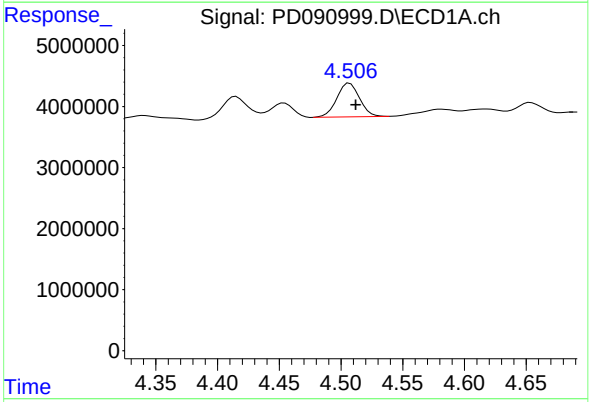
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



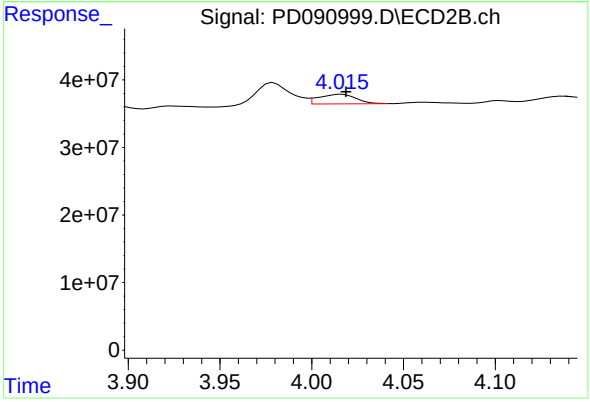
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 509397195
Conc: 17.11 ng/ml m



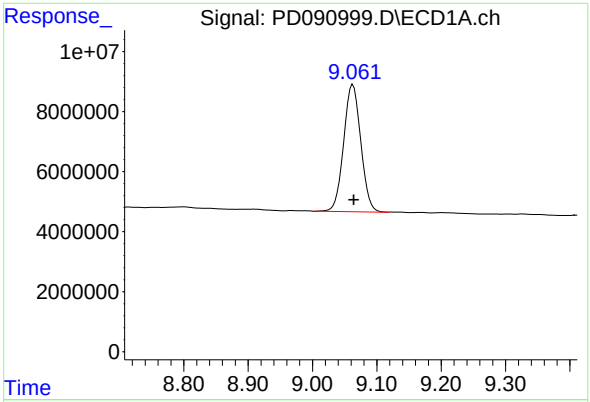
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: -0.005 min
Response: 7059251
Conc: 2.69 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 19416161
Conc: 0.98 ng/ml m



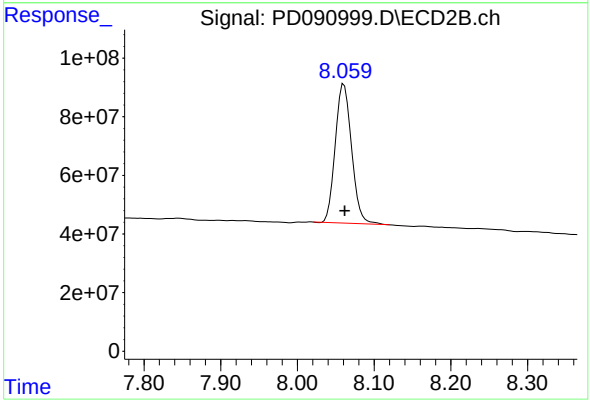
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 78464467
Conc: 16.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 703427342
Conc: 23.22 ng/ml

Sample Results: **PD091000.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:13
Operator : AR\AJ
Sample : Q3534-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-EB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.874	53553890	479.5E6	17.197	16.103m
28)	SA Decachlor...	9.062	8.059	73081843	617.7E6	15.623m	20.393m#
	Target Compounds						
6)	B beta-BHC	4.522	4.022	2461.4E6	9214.5E6	939.592	464.684 #
9)	A Endosulfan I	6.072	5.232	485.3E6	258.5E6	87.646	6.562 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

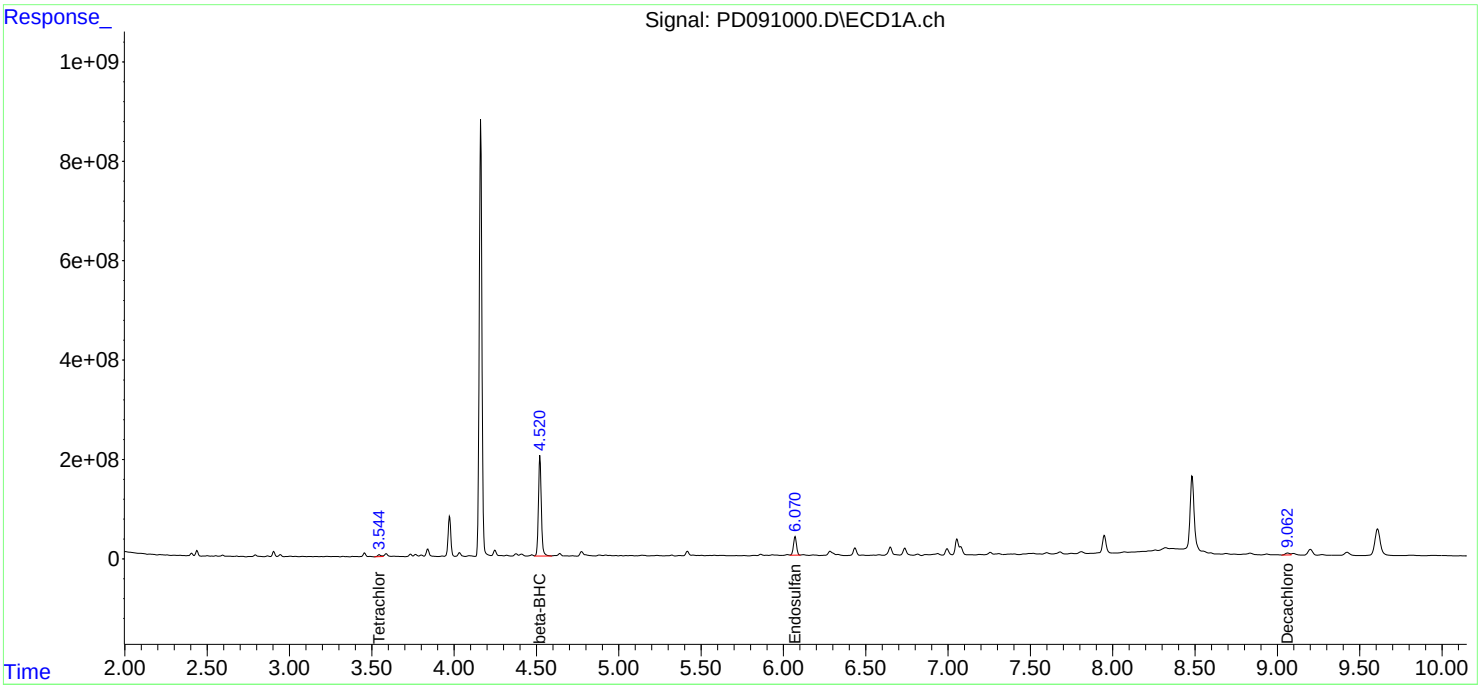
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:13
Operator : AR\AJ
Sample : Q3534-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

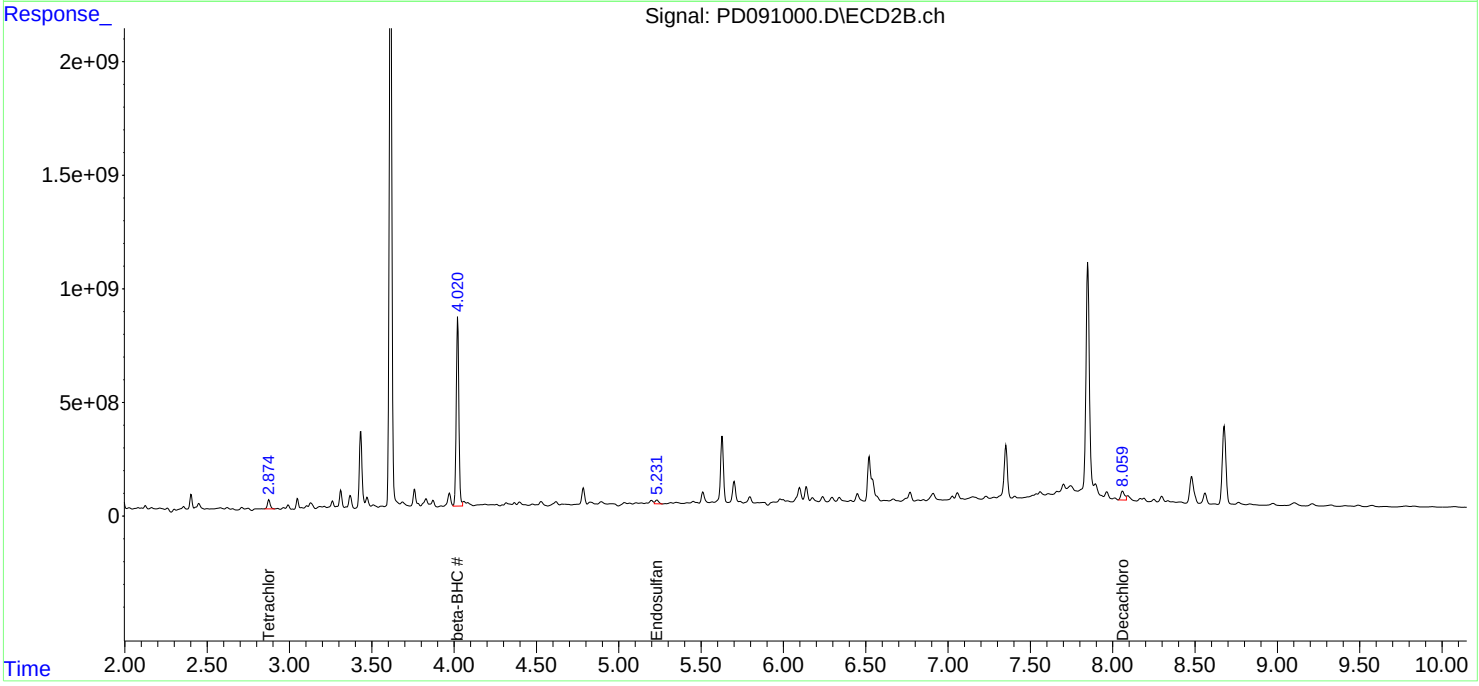
Instrument :
ECD_D
ClientSampleId :
MW-EB-1

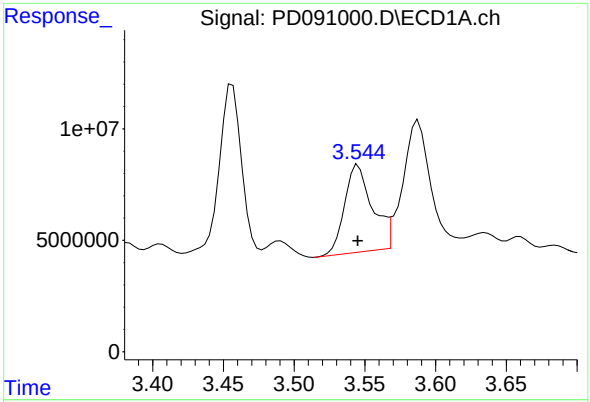
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







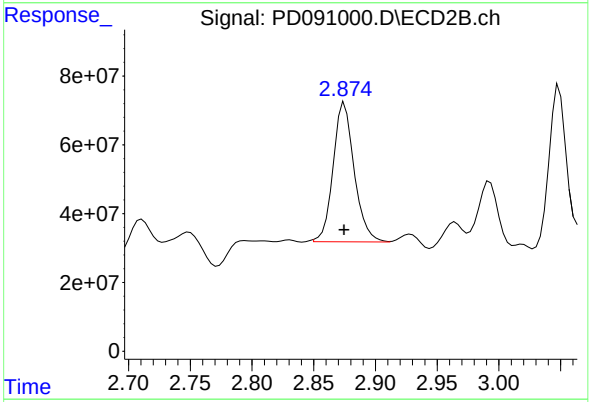
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 53553890
Conc: 17.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1

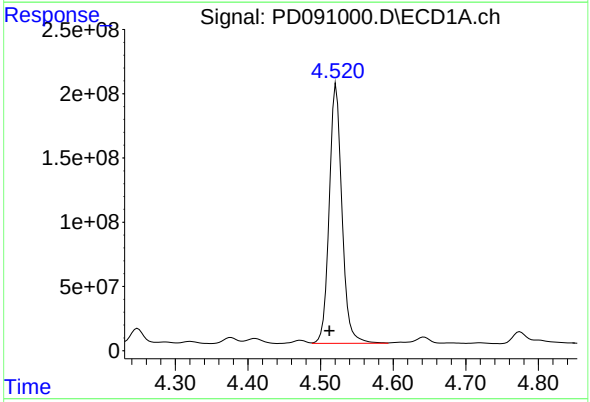
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



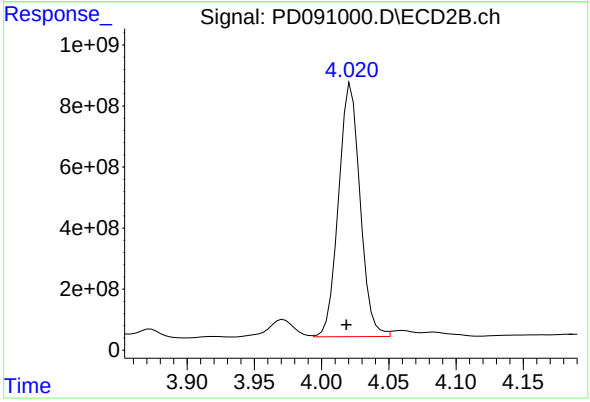
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 479515976
Conc: 16.10 ng/ml m



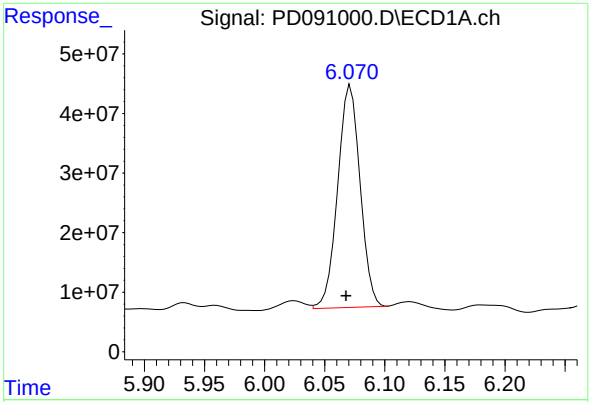
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.010 min
Response: 2461383311
Conc: 939.59 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.003 min
Response: 9214481653
Conc: 464.68 ng/ml



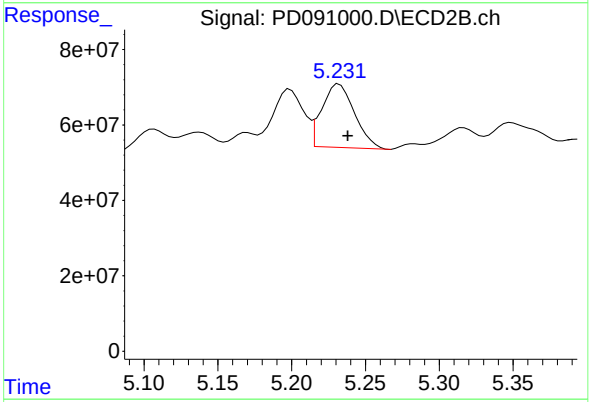
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.004 min
Response: 485265877
Conc: 87.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1

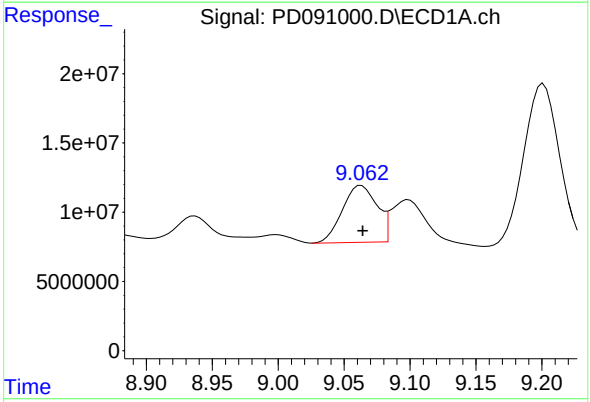
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



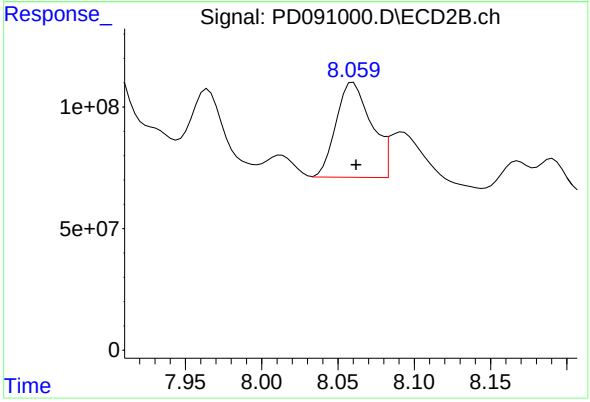
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 258462021
Conc: 6.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.003 min
Response: 73081843
Conc: 15.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 617722637
Conc: 20.39 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 11:07
Operator : AR\AJ
Sample : Q3534-05DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-EB-1DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:43:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.873	5555434	70332705	1.784	2.362m#
28)	SA Decachlor...	9.063	8.058	7200218	49489495	1.539m	1.634m
	Target Compounds						
6)	B beta-BHC	4.523	4.022	226.0E6	1411.8E6	86.285	71.196
9)	A Endosulfan I	6.073	5.238	50718806	18813274	9.161	0.478 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

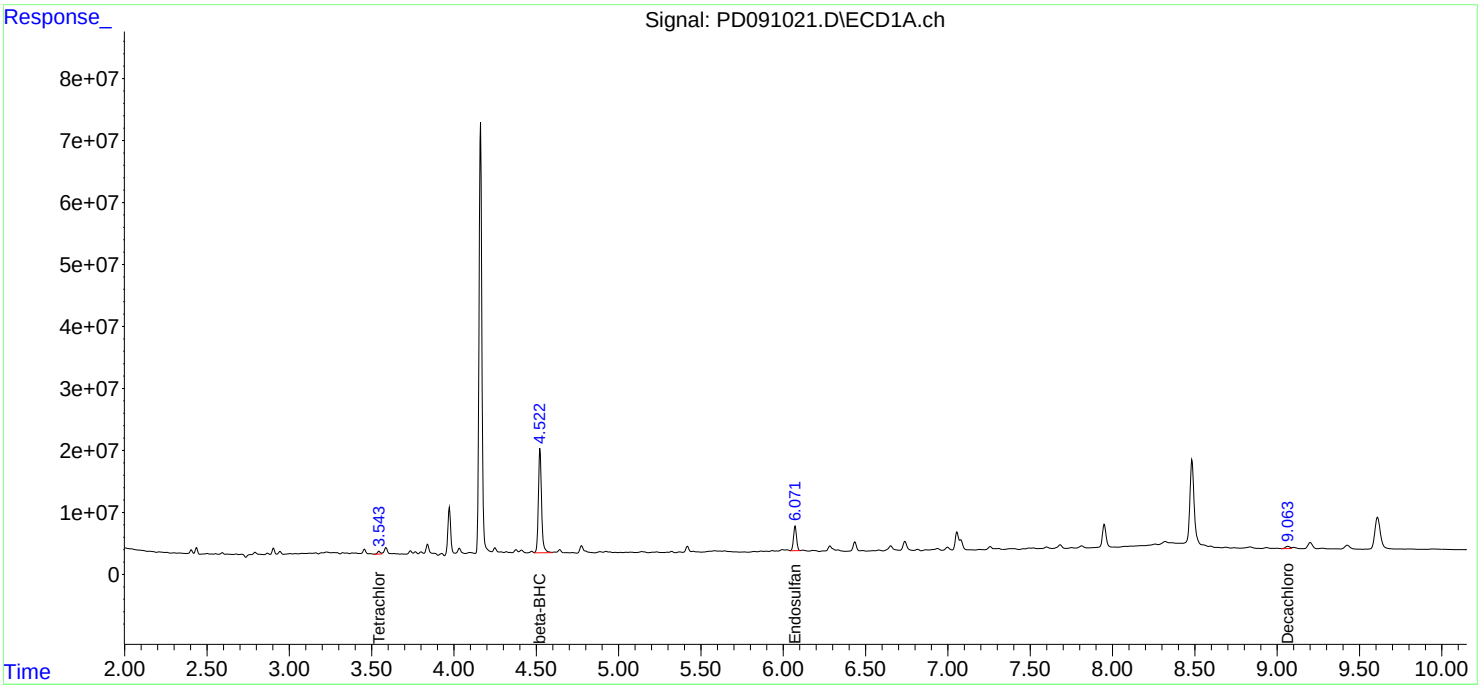
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 11:07
Operator : AR\AJ
Sample : Q3534-05DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

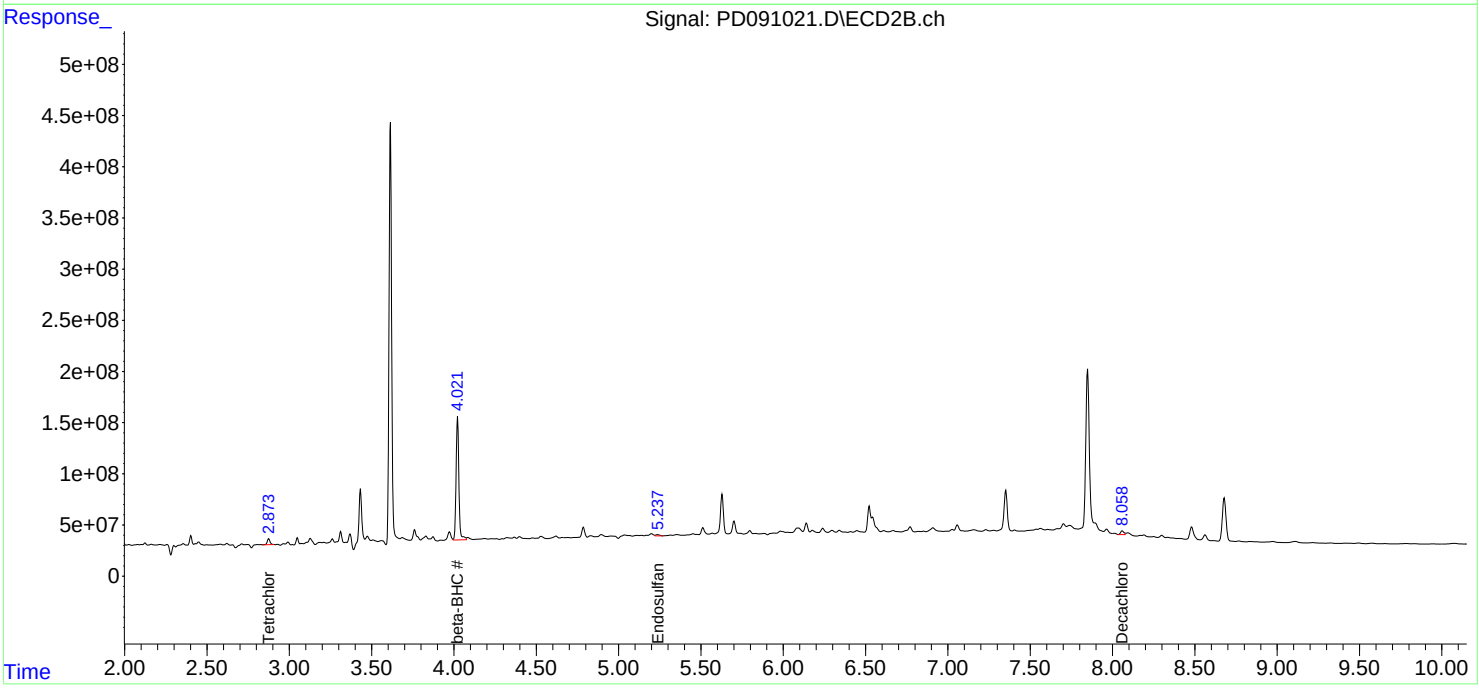
Instrument :
ECD_D
ClientSampleId :
MW-EB-1DL

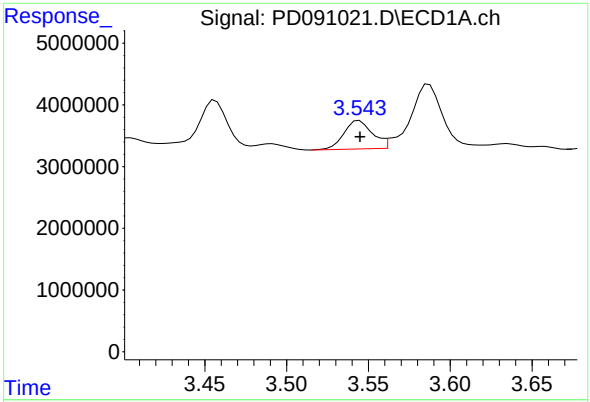
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:43:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







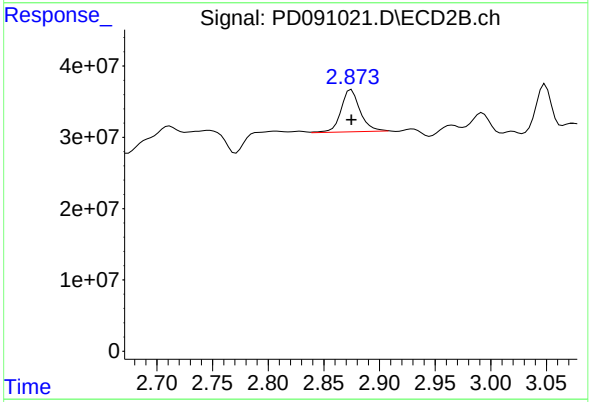
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 5555434
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1DL

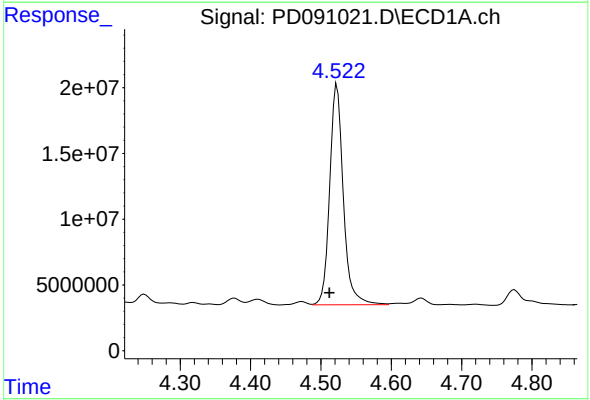
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



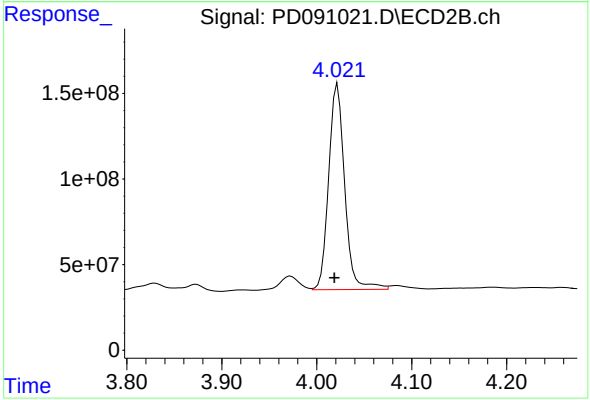
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 70332705
Conc: 2.36 ng/ml m



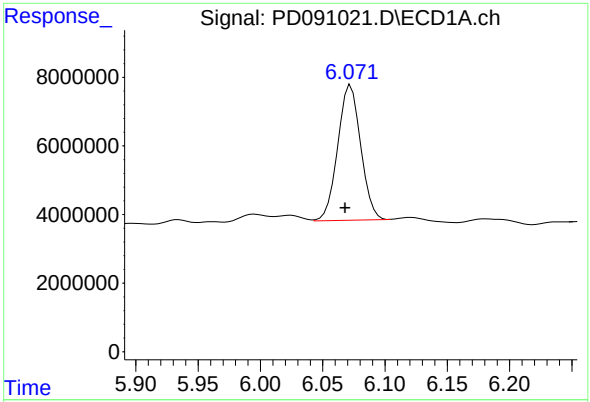
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.011 min
Response: 226033576
Conc: 86.28 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.003 min
Response: 1411781154
Conc: 71.20 ng/ml



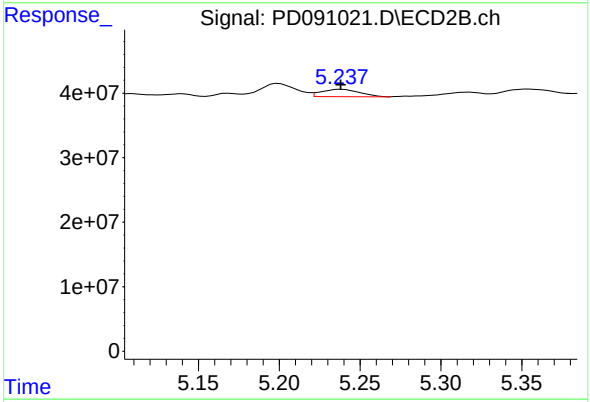
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.005 min
Response: 50718806
Conc: 9.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1DL

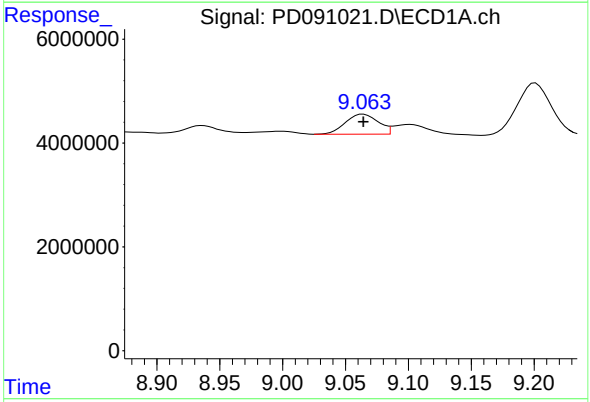
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



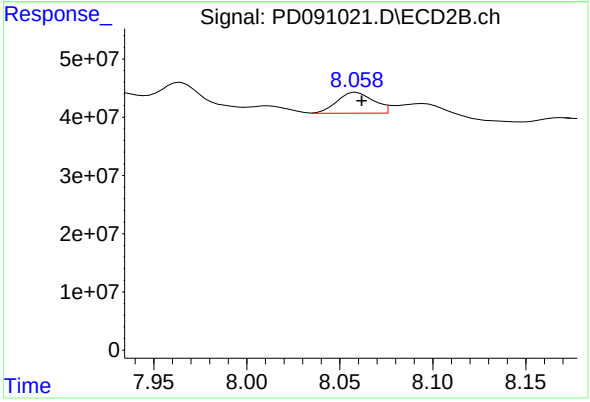
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 18813274
Conc: 0.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 7200218
Conc: 1.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 49489495
Conc: 1.63 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:39
Operator : AR\AJ
Sample : Q3534-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-EB-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:42:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	51224106	516.1E6	16.449m	17.334m
28)	SA Decachlor...	9.063	8.059	61746606	469.9E6	13.199m	15.513
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

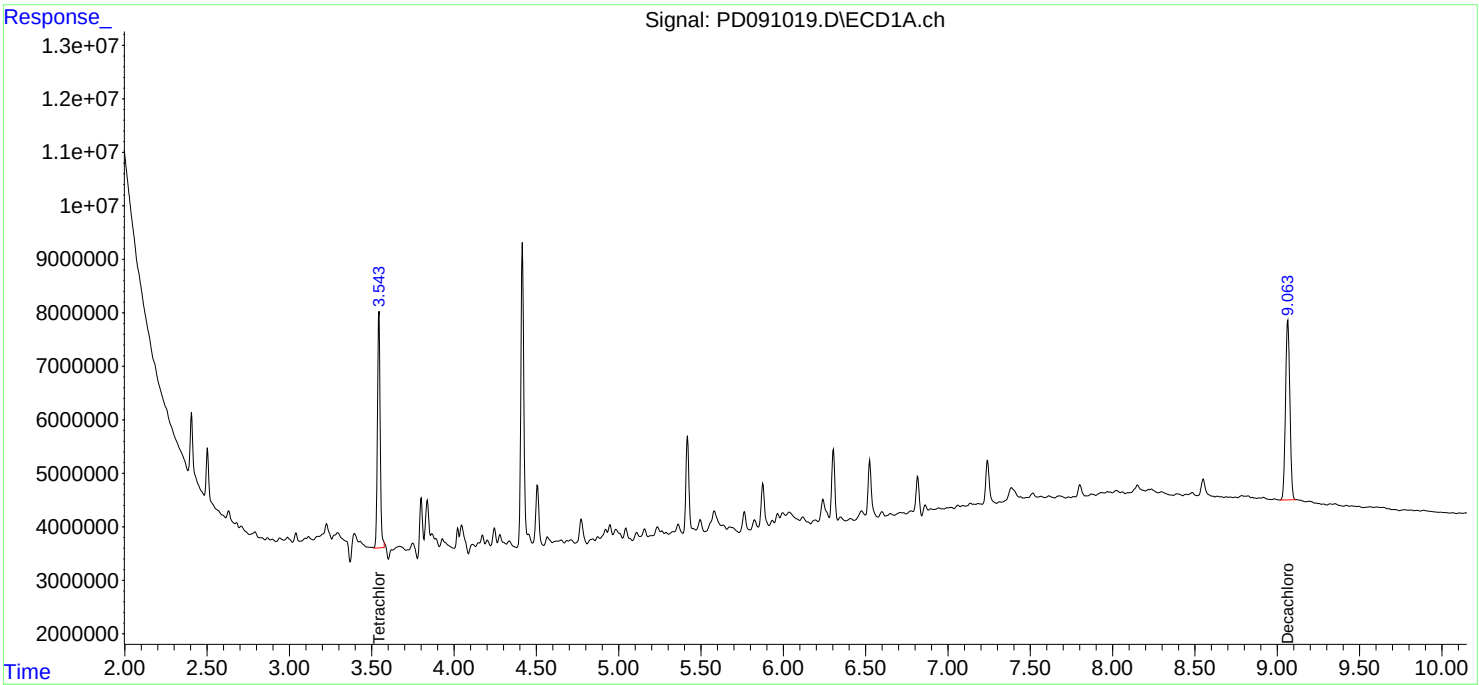
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:39
Operator : AR\AJ
Sample : Q3534-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

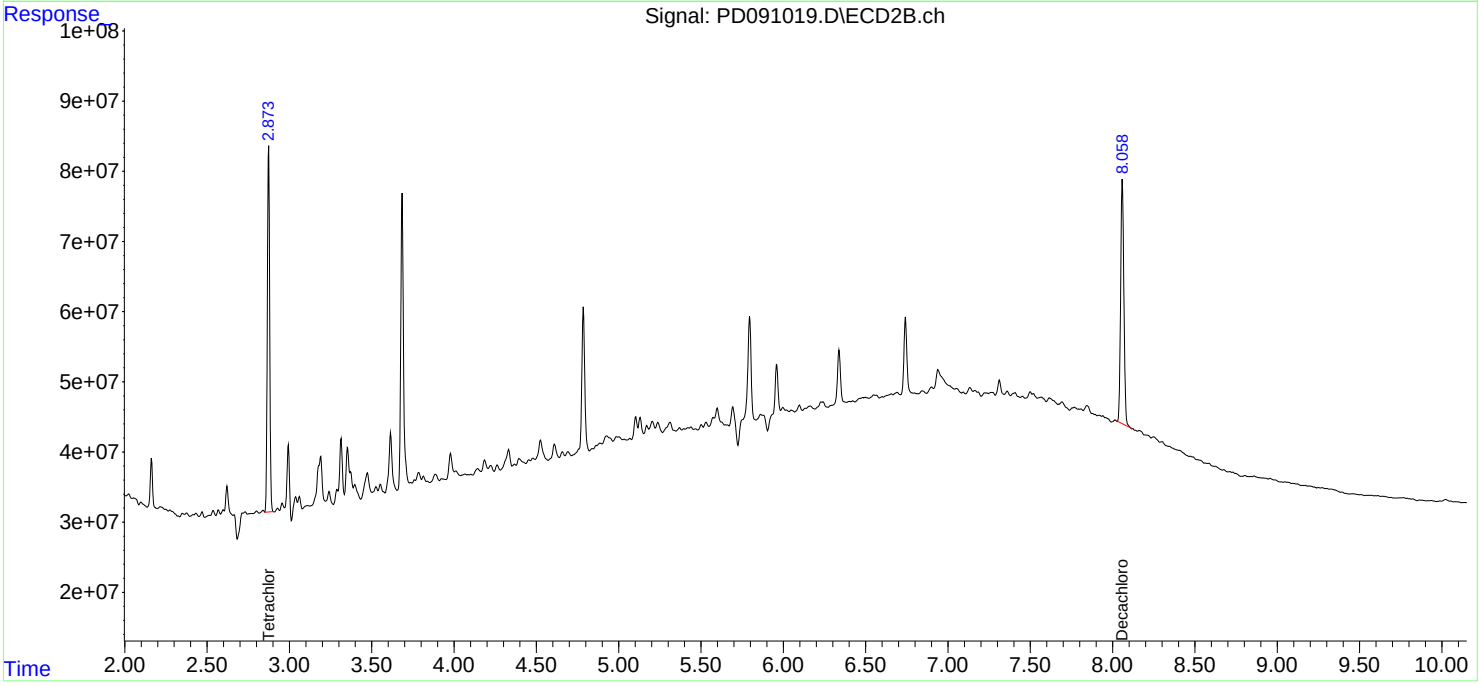
Instrument :
ECD_D
ClientSampleId :
MW-EB-2

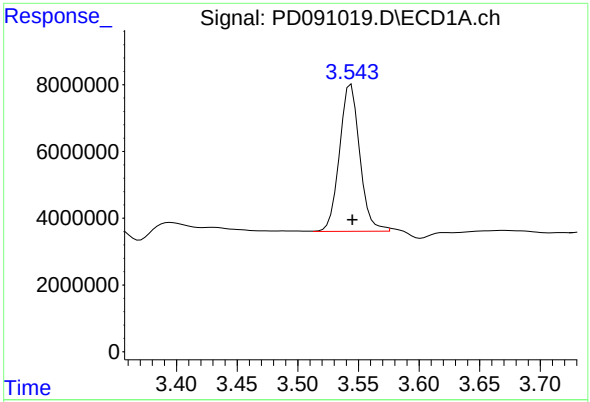
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:42:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm







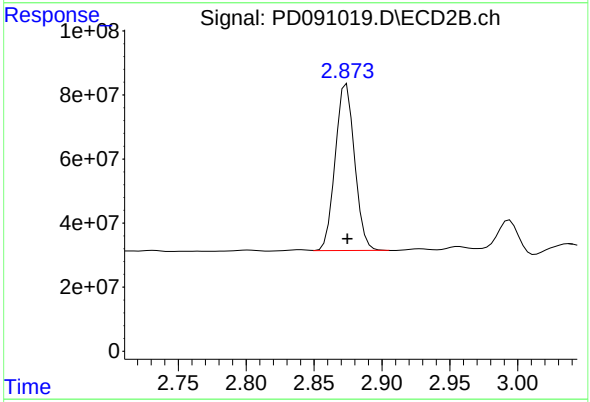
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 51224106
Conc: 16.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-2

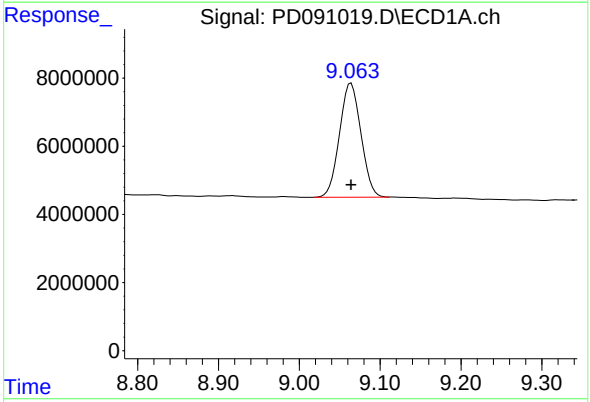
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



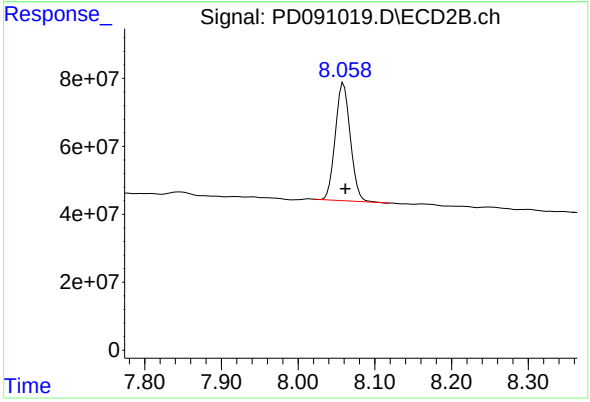
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 516146097
Conc: 17.33 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.002 min
Response: 61746606
Conc: 13.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 469919228
Conc: 15.51 ng/ml

Sample Results: **PD091020.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:53
Operator : AR\AJ
Sample : Q3534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-EB-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:42:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	53083527	547.8E6	17.046m	18.397m
28)	SA Decachlor...	9.064	8.059	89725600	604.5E6	19.180	19.955
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:53
Operator : AR\AJ
Sample : Q3534-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

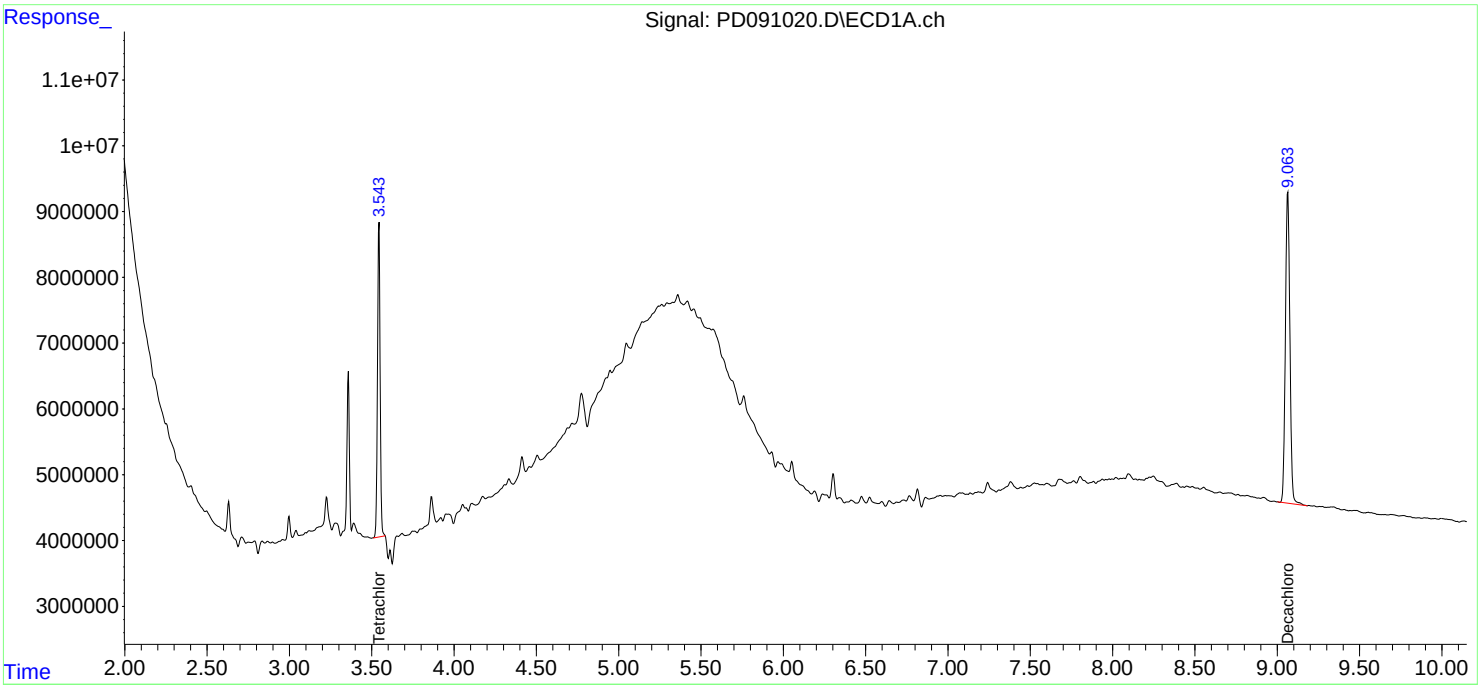
Instrument :
ECD_D
ClientSampleId :
MW-EB-3

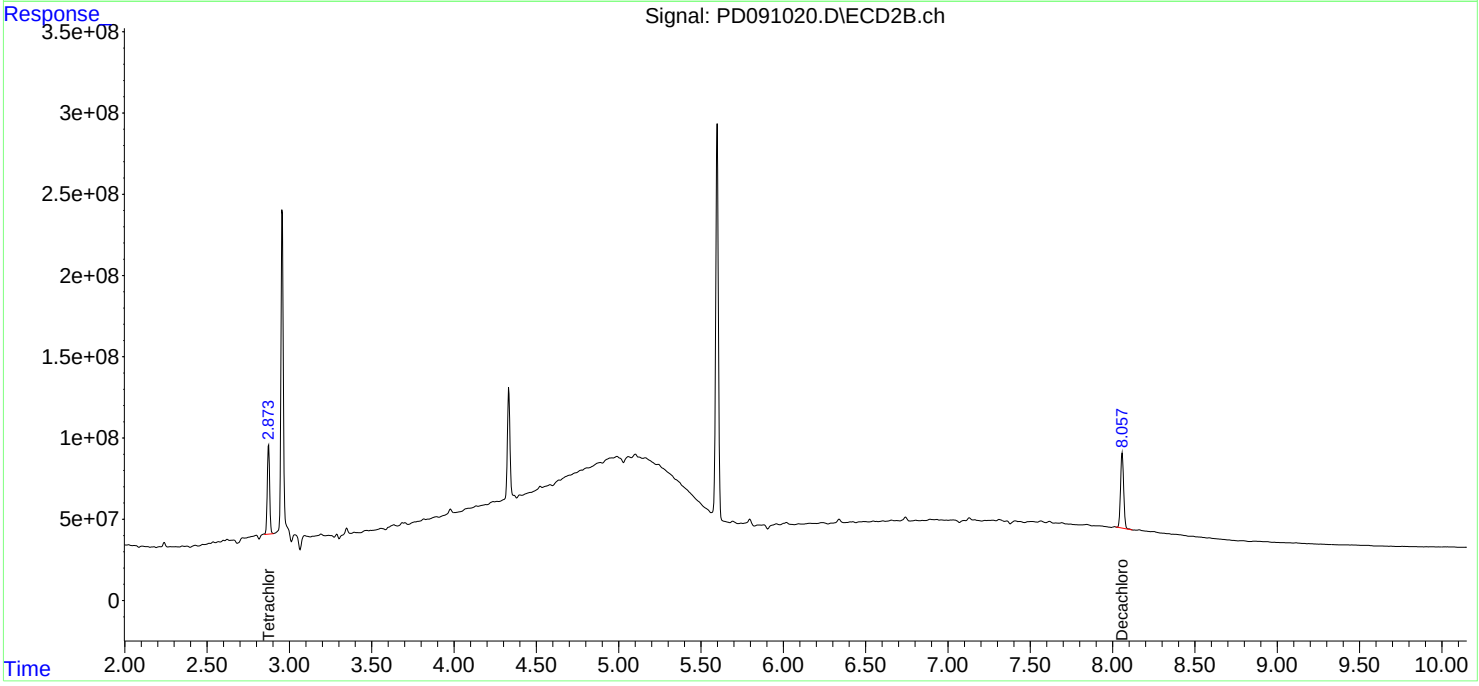
Manual Integrations APPROVED

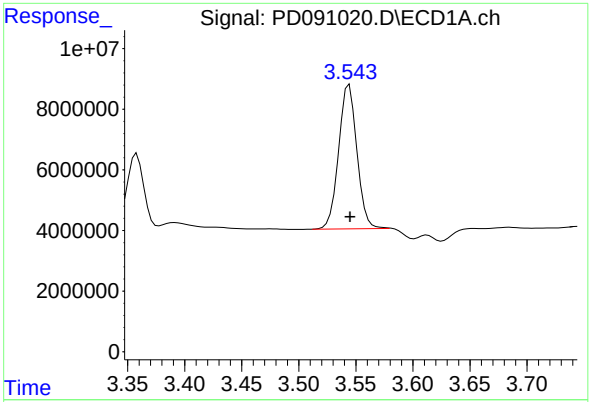
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:42:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm







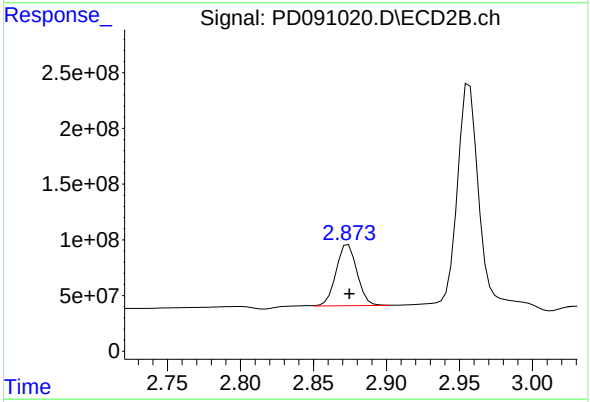
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 53083527
Conc: 17.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-3

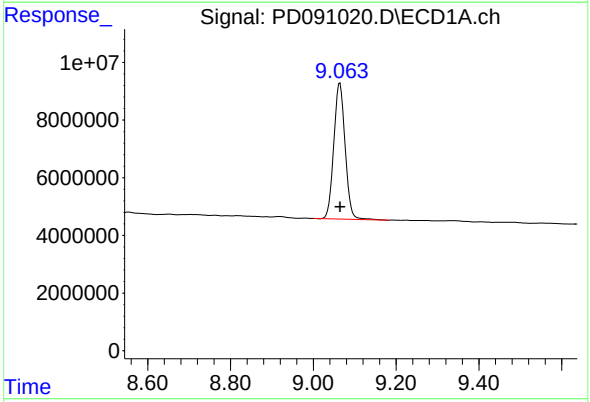
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



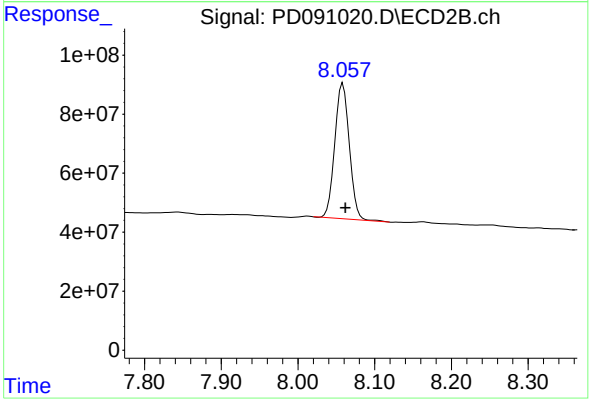
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 547814783
Conc: 18.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 89725600
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 604471938
Conc: 19.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:54
Operator : AR\AJ
Sample : Q3534-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	53749414	556.3E6	17.260	18.681
28)	SA Decachlor...	9.063	8.059	73489747	501.1E6	15.710	16.544
	Target Compounds						

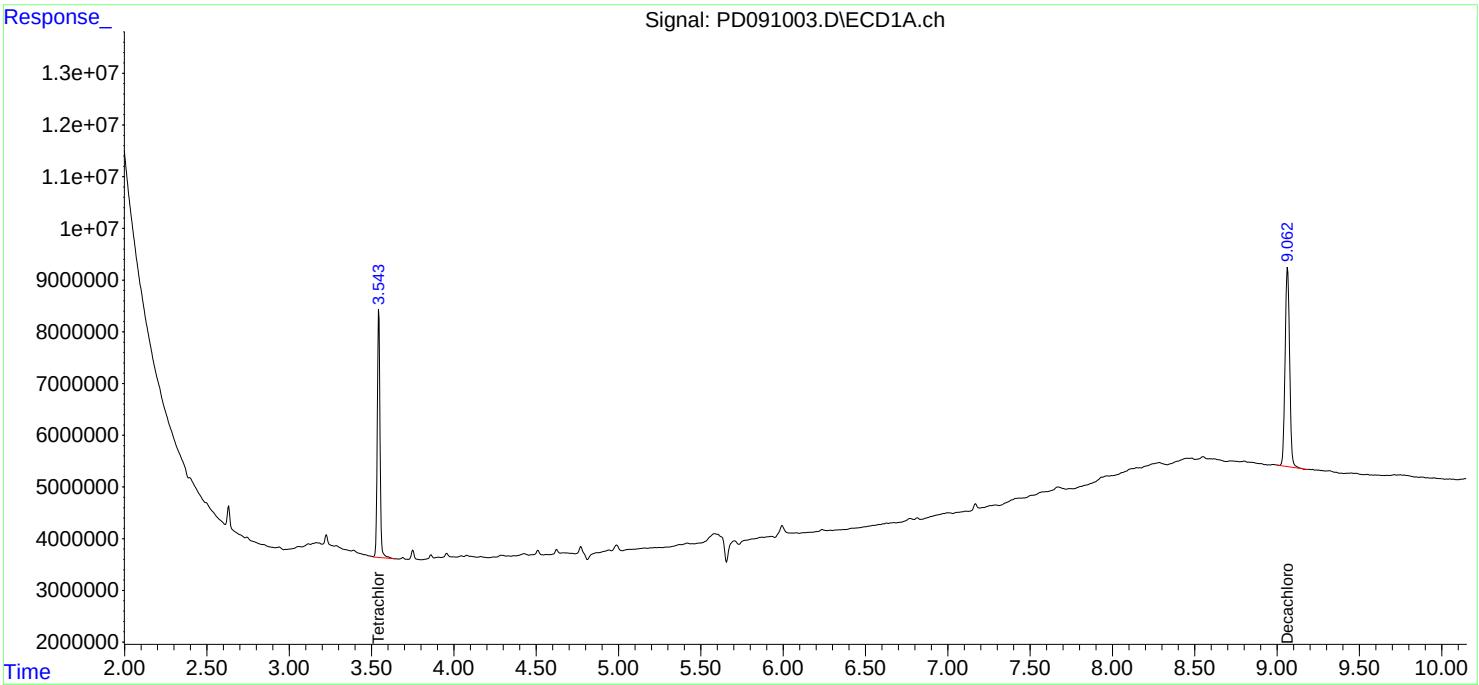
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

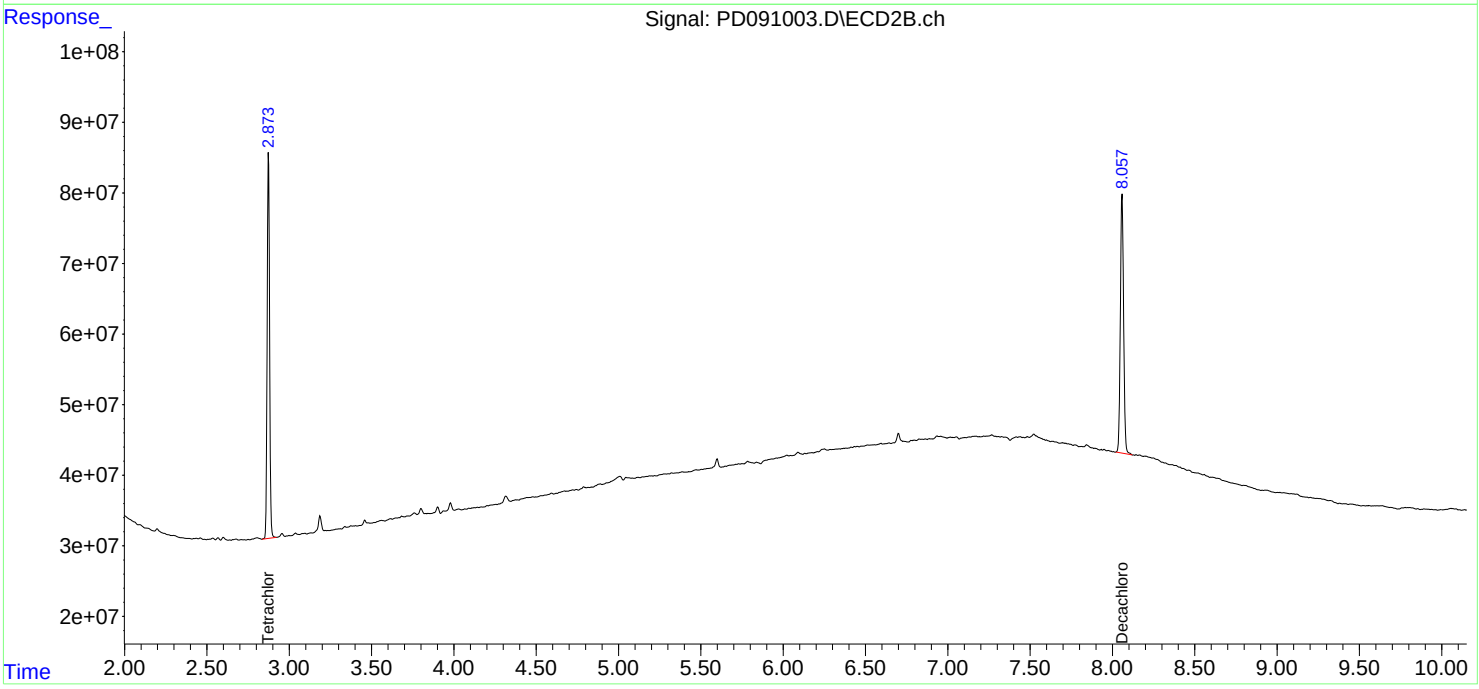
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:54
Operator : AR\AJ
Sample : Q3534-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

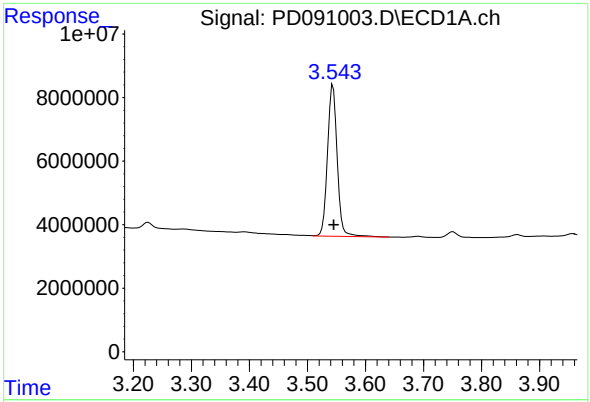
Instrument :
ECD_D
ClientSampleId :
FB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



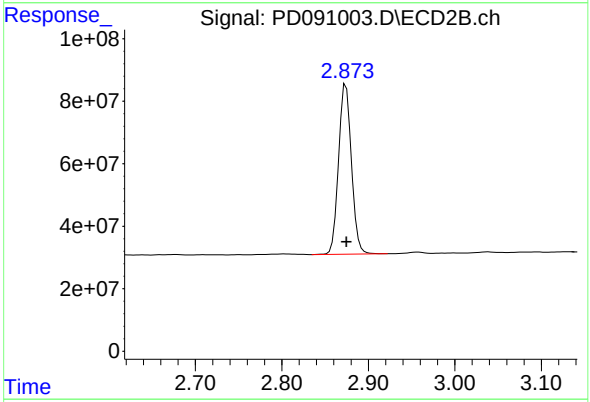




#1 Tetrachloro-m-xylene

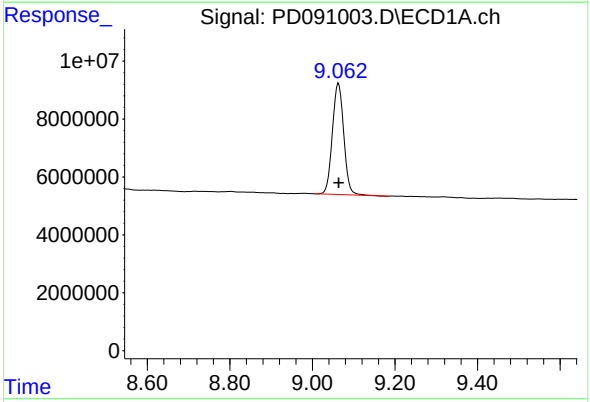
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 53749414
Conc: 17.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
FB-1



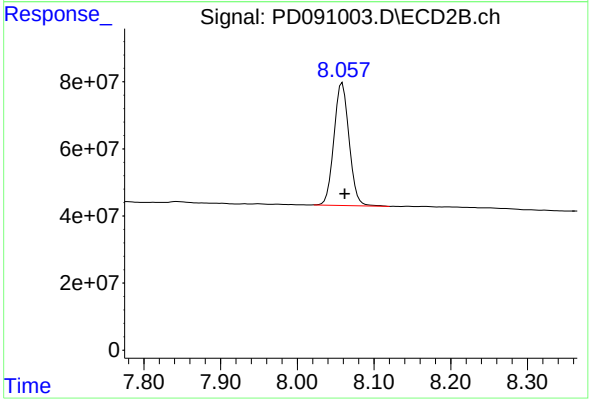
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 556256395
Conc: 18.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 73489747
Conc: 15.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 501137086
Conc: 16.54 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:08
Operator : AR\AJ
Sample : Q3534-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	63635089	645.7E6	20.434	21.686
28)	SA Decachlor...	9.063	8.059	80571621	566.1E6	17.224	18.689
	Target Compounds						

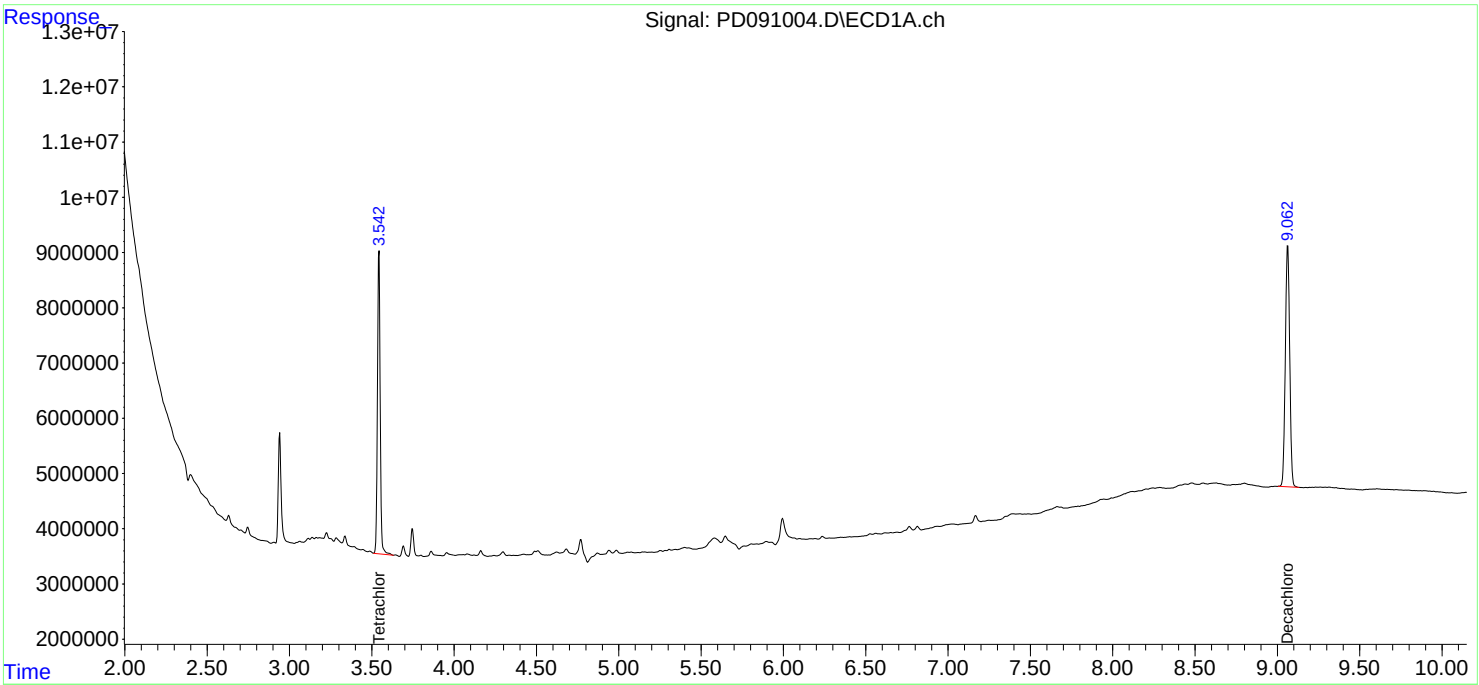
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

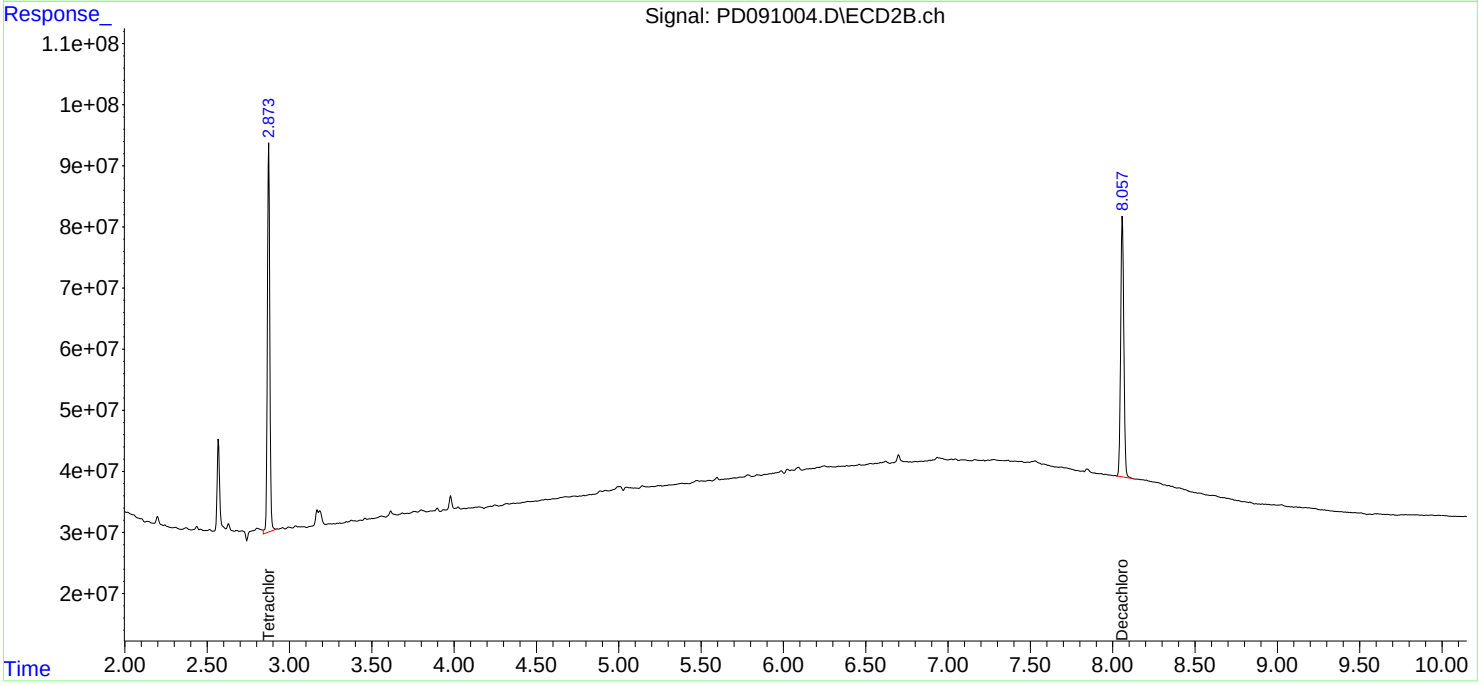
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:08
Operator : AR\AJ
Sample : Q3534-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

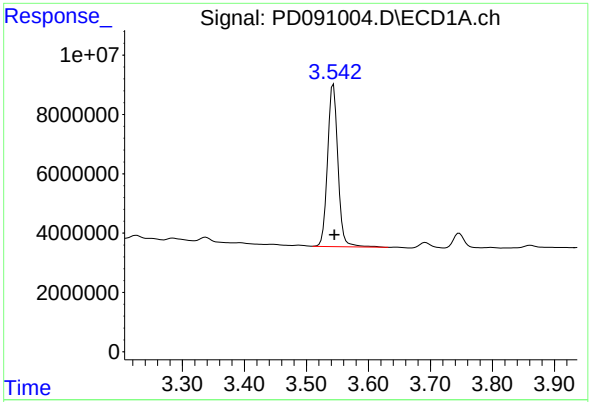
Instrument :
ECD_D
ClientSampleId :
EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



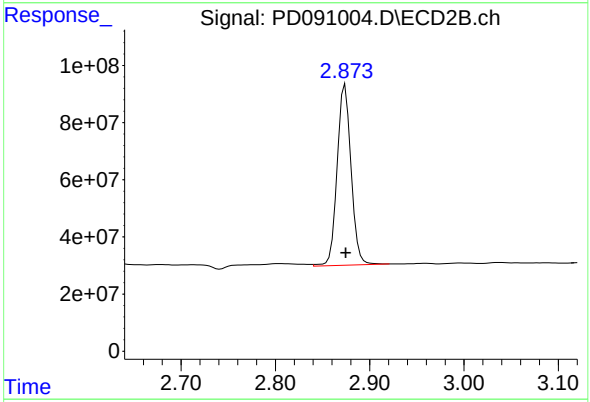




#1 Tetrachloro-m-xylene

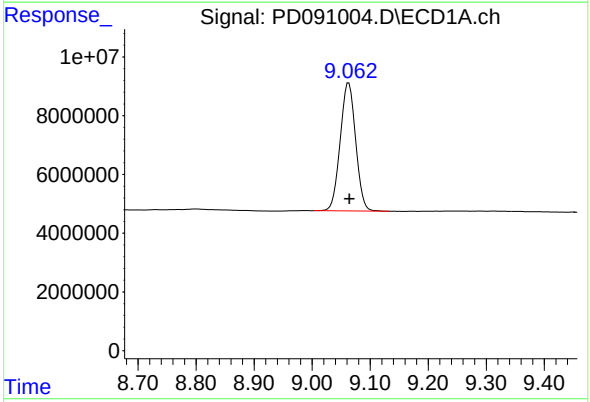
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 63635089
Conc: 20.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-1



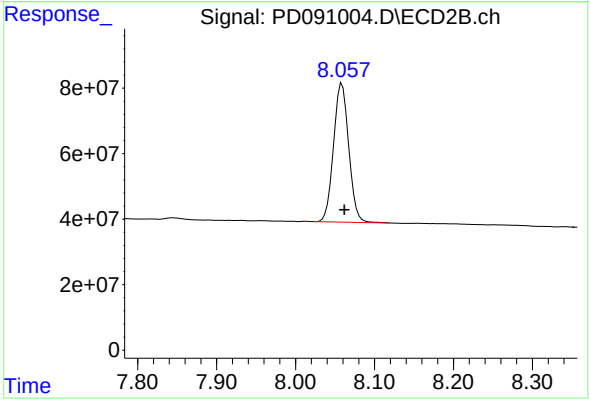
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 645733417
Conc: 21.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 80571621
Conc: 17.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 566120462
Conc: 18.69 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:19
Operator : AR\AJ
Sample : PB170426BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170426BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	52328778	525.1E6	16.803	17.634
28)	SA Decachlor...	9.063	8.058	80929433	571.9E6	17.300	18.880
	Target Compounds						

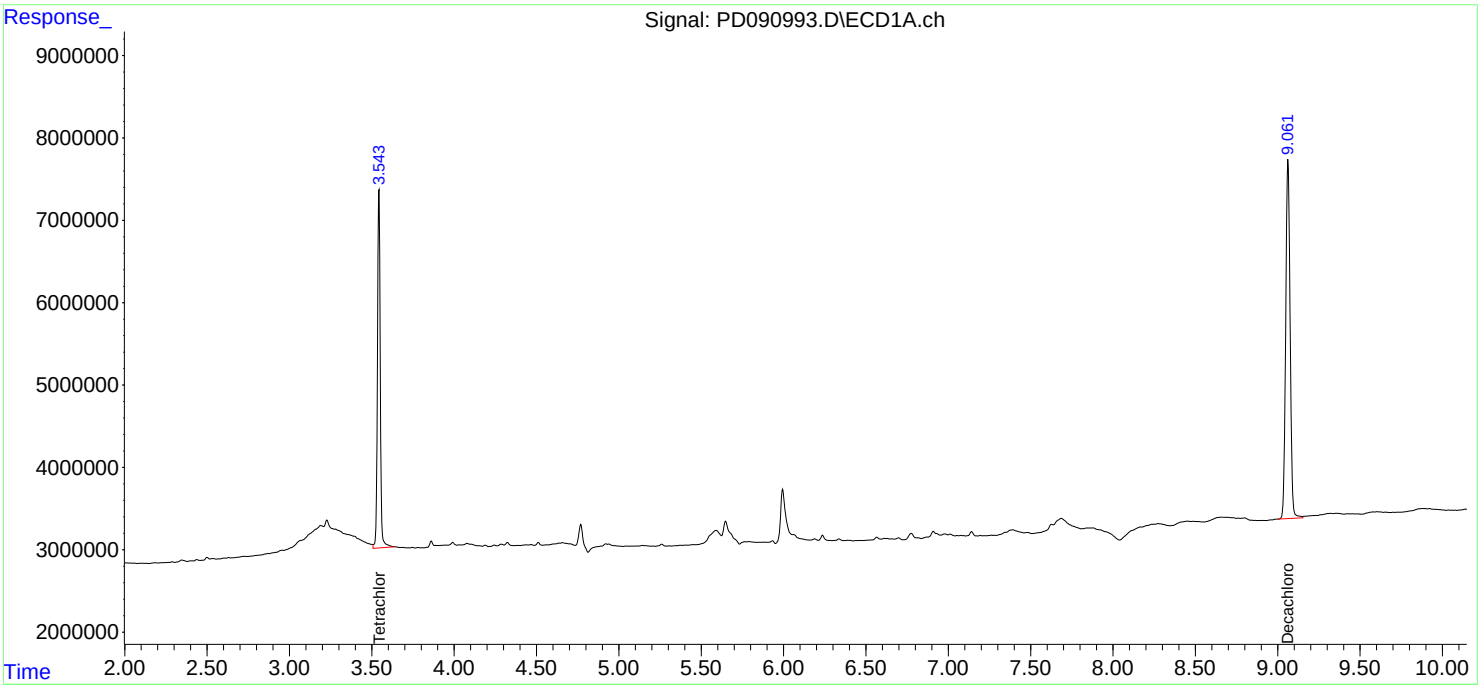
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

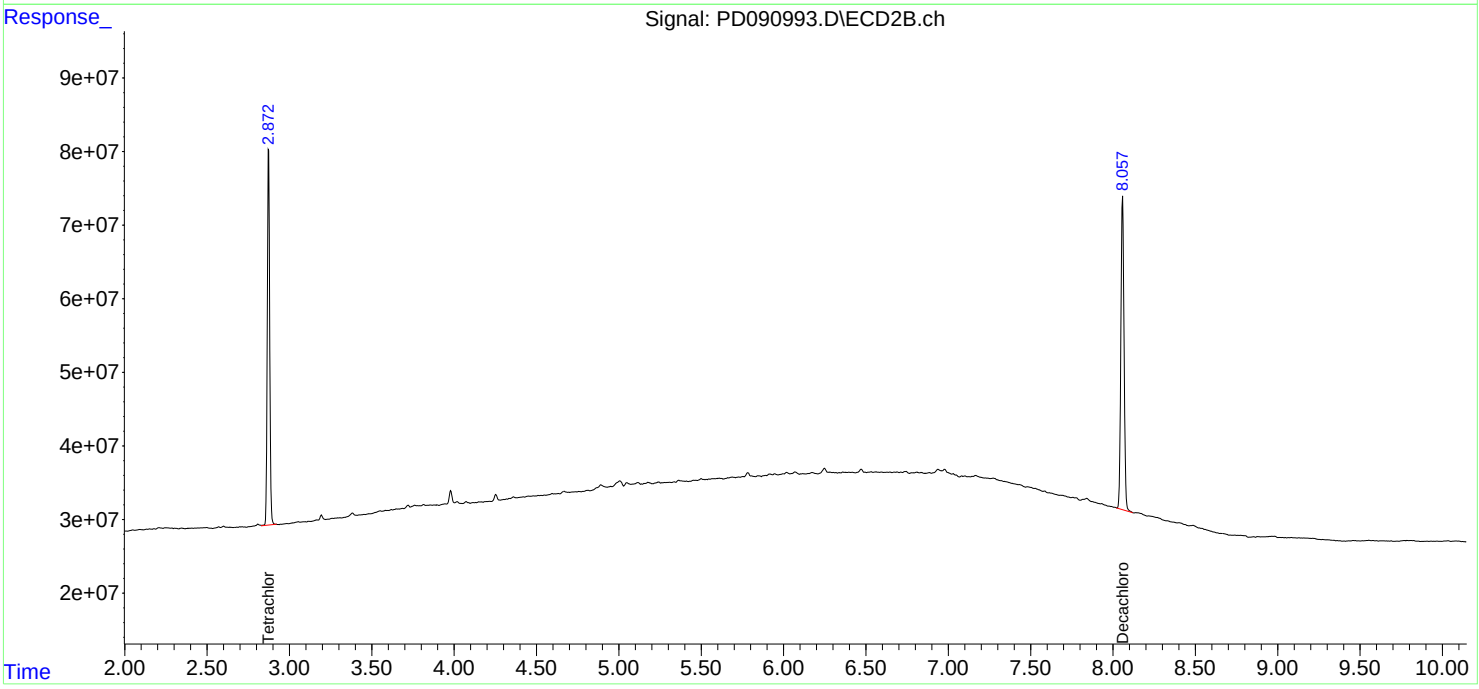
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:19
Operator : AR\AJ
Sample : PB170426BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

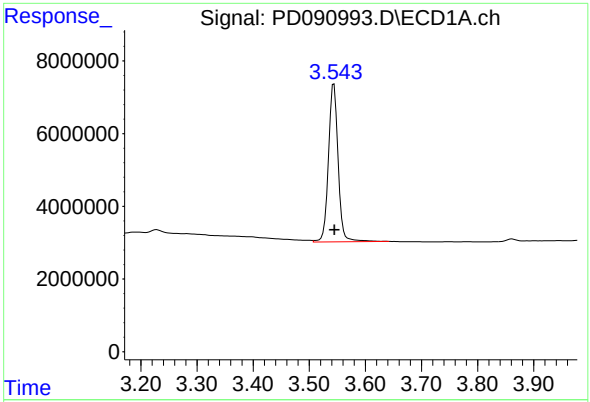
Instrument :
ECD_D
ClientSampleId :
PB170426BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



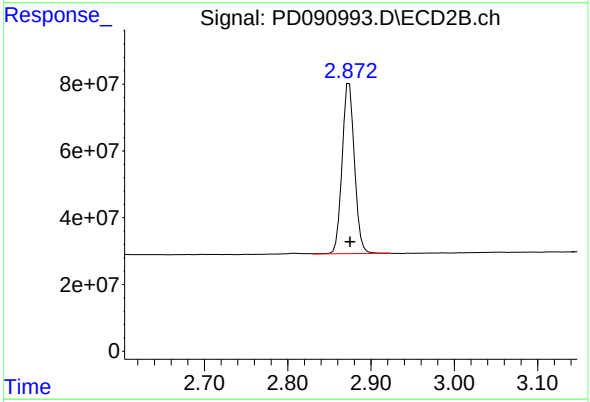




#1 Tetrachloro-m-xylene

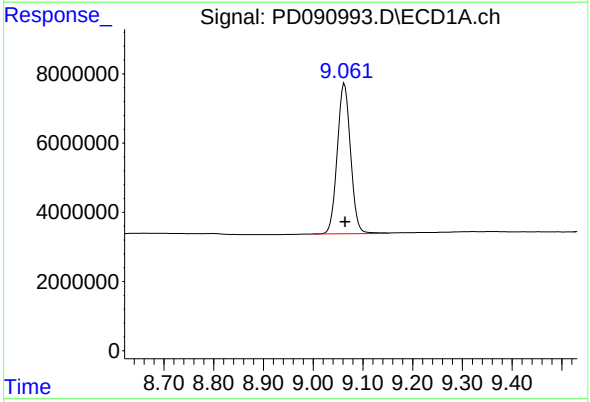
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52328778
Conc: 16.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BL



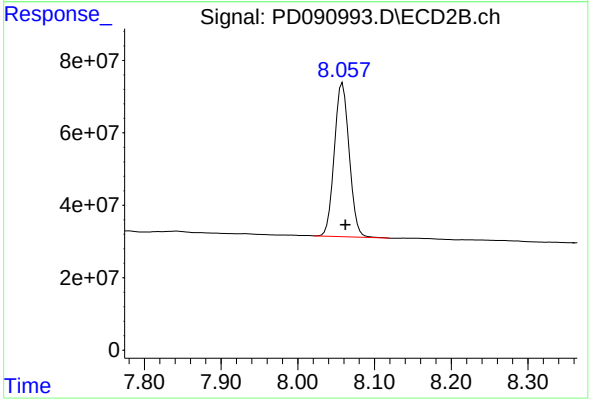
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 525080079
Conc: 17.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 80929433
Conc: 17.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 571888681
Conc: 18.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:32
Operator : AR\AJ
Sample : PB170426BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170426BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	76057367	768.3E6	24.423	25.803
28)	SA Decachlor...	9.063	8.059	115.6E6	853.0E6	24.703	28.159
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	321.8E6	2337.1E6	44.834	45.739
3)	MA gamma-BHC...	4.323	3.721	301.8E6	2160.8E6	44.397	45.732
4)	MA Heptachlor	4.921	4.073	305.8E6	2139.2E6	54.715	47.961
5)	MB Aldrin	5.262	4.358	293.8E6	2120.8E6	44.873	45.786
6)	B beta-BHC	4.510	4.017	113.8E6	893.7E6	43.454	45.069
7)	B delta-BHC	4.758	4.253	305.2E6	2168.2E6	45.140	45.440
8)	B Heptachlo...	5.682	4.861	270.3E6	1903.8E6	46.699	44.650
9)	A Endosulfan I	6.066	5.235	249.8E6	1660.6E6	45.110	42.159
10)	B gamma-Chl...	5.938	5.114	263.9E6	2038.2E6	44.492	45.344
11)	B alpha-Chl...	6.018	5.179	274.9E6	1951.8E6	44.473	45.245
12)	B 4,4'-DDE	6.188	5.361	231.5E6	1990.7E6	43.463	45.410m
13)	MA Dieldrin	6.339	5.501	263.6E6	2037.0E6	45.195	46.104
14)	MA Endrin	6.566	5.777	222.4E6	1974.2E6	44.894	48.752
15)	B Endosulfa...	6.778	6.069	240.5E6	1752.1E6	48.099	46.654
16)	A 4,4'-DDD	6.698	5.917	195.5E6	1726.3E6	48.216	47.376
17)	MA 4,4'-DDT	7.014	6.171	200.9E6	1709.9E6	48.886	48.754
18)	B Endrin al...	6.906	6.247	168.5E6	1339.1E6	46.015m	48.354
19)	B Endosulfa...	7.142	6.470	211.2E6	1693.0E6	45.543	47.232
20)	A Methoxychlor	7.487	6.741	122.0E6	864.8E6	57.397	49.624
21)	B Endrin ke...	7.623	6.978	230.2E6	2108.7E6	47.367	55.907m
22)	Mirex	8.106	7.172	147.7E6	1221.8E6	46.144	47.559

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:32
Operator : AR\AJ
Sample : PB170426BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

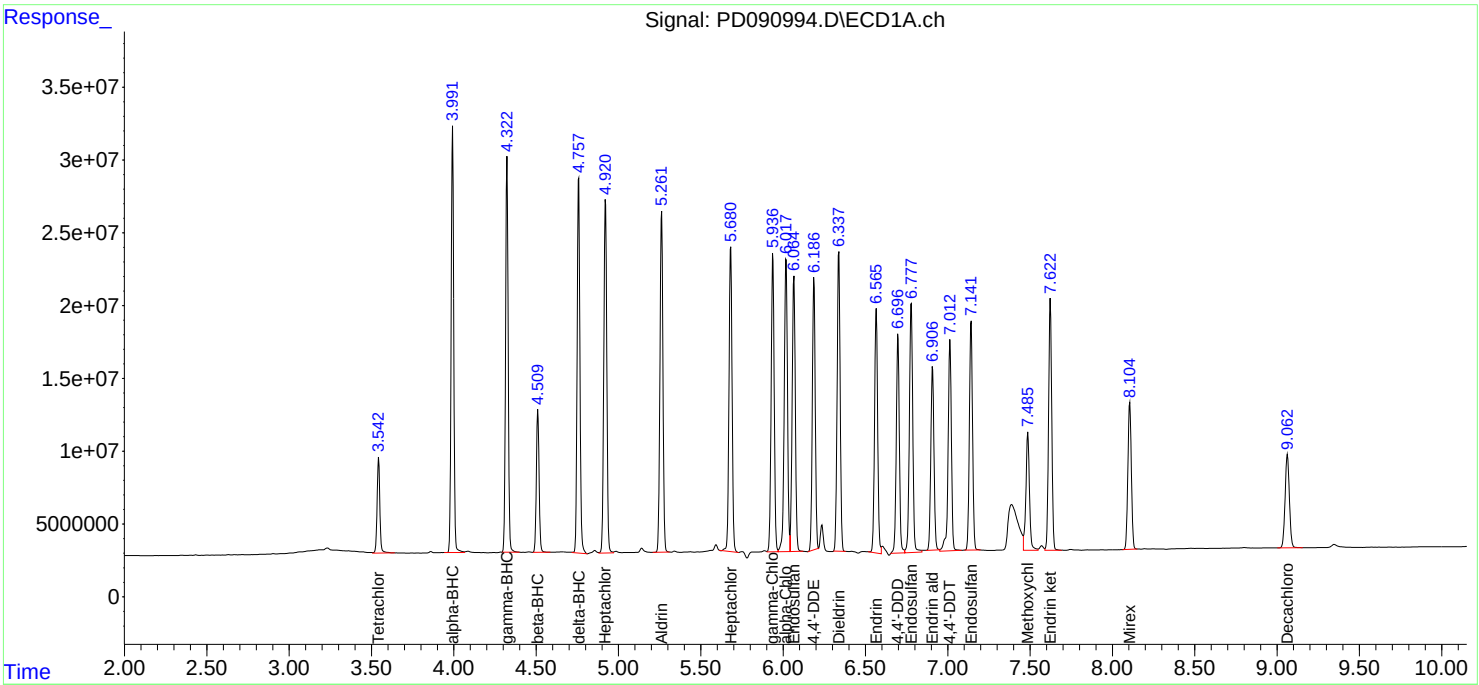
Instrument :
ECD_D
ClientSampleId :
PB170426BS

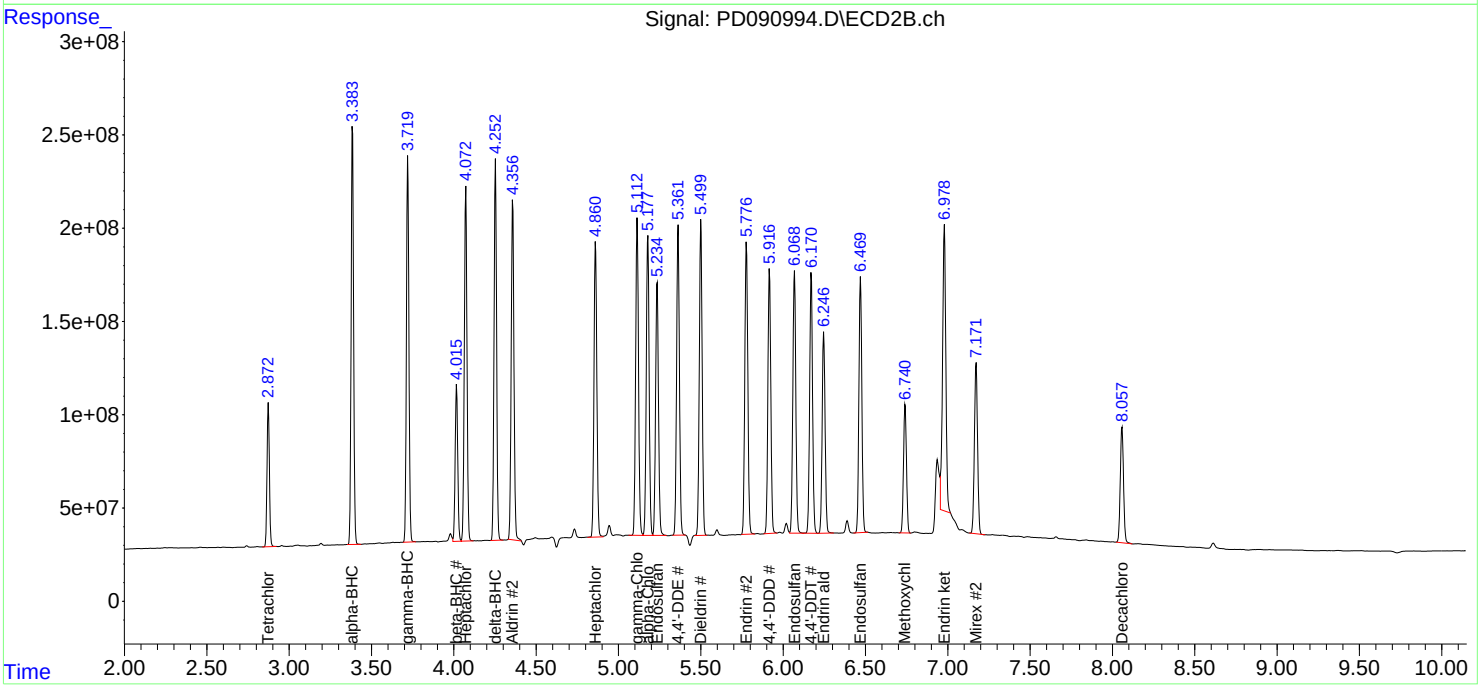
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:05
Operator : AR\AJ
Sample : PB170426BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.873	73568857	753.6E6	23.624	25.309
28)	SA Decachlor...	9.073	8.061	117.0E6	831.7E6	25.012	27.456
	Target Compounds						
2)	A alpha-BHC	4.000	3.385	321.3E6	2280.3E6	44.769	44.629
3)	MA gamma-BHC...	4.331	3.721	298.5E6	2097.2E6	43.902	44.386
4)	MA Heptachlor	4.929	4.073	307.0E6	2075.7E6	54.930	46.538
5)	MB Aldrin	5.270	4.358	292.0E6	2054.5E6	44.596	44.355
6)	B beta-BHC	4.519	4.017	112.3E6	866.3E6	42.870	43.687
7)	B delta-BHC	4.767	4.253	305.9E6	2097.7E6	45.233	43.962
8)	B Heptachlo...	5.689	4.861	279.5E6	1842.8E6	48.281m	43.219m
9)	A Endosulfan I	6.074	5.236	251.0E6	1601.2E6	45.327	40.650
10)	B gamma-Chl...	5.946	5.115	260.7E6	1974.0E6	43.956	43.916
11)	B alpha-Chl...	6.027	5.180	294.4E6	1889.7E6	47.629	43.805
12)	B 4,4'-DDE	6.197	5.364	231.6E6	1972.3E6	43.488	44.989
13)	MA Dieldrin	6.347	5.502	264.9E6	1971.8E6	45.433	44.627
14)	MA Endrin	6.575	5.780	225.4E6	1917.3E6	45.496	47.347
15)	B Endosulfa...	6.786	6.071	231.7E6	1700.0E6	46.332m	45.266
16)	A 4,4'-DDD	6.705	5.919	191.7E6	1664.3E6	47.294m	45.675
17)	MA 4,4'-DDT	7.022	6.173	202.5E6	1651.3E6	49.274	47.082
18)	B Endrin al...	6.915	6.249	170.3E6	1289.7E6	46.505m	46.573
19)	B Endosulfa...	7.151	6.473	210.6E6	1638.4E6	45.396	45.709
20)	A Methoxychlor	7.494	6.744	115.0E6	839.1E6	54.123m	48.147
21)	B Endrin ke...	7.632	6.980	231.5E6	2152.9E6	47.635	57.079m
22)	Mirex	8.114	7.174	146.2E6	1186.7E6	45.673	46.191

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:05
Operator : AR\AJ
Sample : PB170426BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

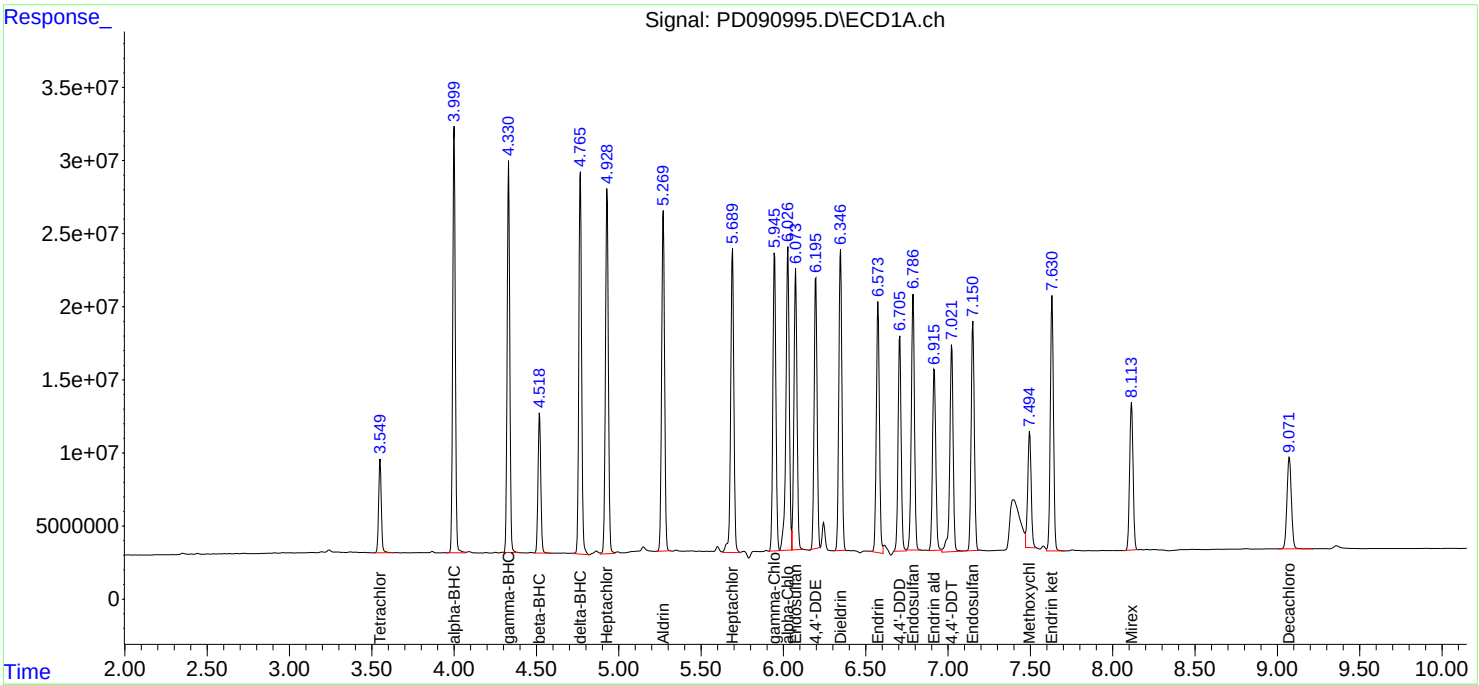
Instrument :
ECD_D
ClientSampleId :
PB170426BSD

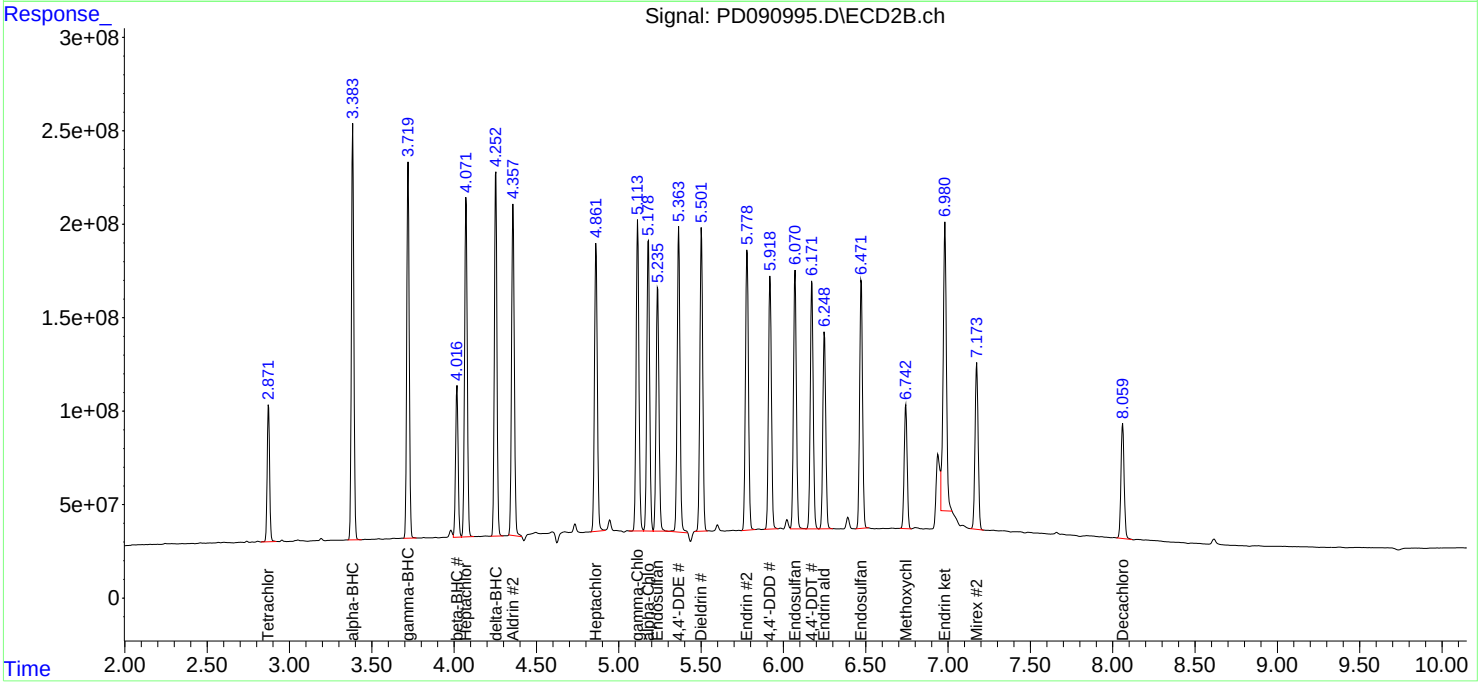
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd110625	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090982.D	Heptachlor epoxide	rahul	11/7/2025 10:34:45 AM	yogesh	11/7/2025 10:55:00	Peak Integrated by Software
PSTDCCC050	PD090992.D	Endrin aldehyde	rahul	11/7/2025 10:35:08 AM	yogesh	11/7/2025 10:55:22	Peak Integrated by Software
PSTDCCC050	PD090992.D	Endrin ketone #2	rahul	11/7/2025 10:35:08 AM	yogesh	11/7/2025 10:55:22	Peak Integrated by Software
PB170426BS	PD090994.D	4,4"-DDE #2	rahul	11/7/2025 10:35:10 AM	yogesh	11/7/2025 10:55:24	Peak Integrated by Software
PB170426BS	PD090994.D	Endrin aldehyde	rahul	11/7/2025 10:35:10 AM	yogesh	11/7/2025 10:55:24	Peak Integrated by Software
PB170426BS	PD090994.D	Endrin ketone #2	rahul	11/7/2025 10:35:10 AM	yogesh	11/7/2025 10:55:24	Peak Integrated by Software
PB170426BSD	PD090995.D	4,4"-DDD	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Endosulfan II	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Endrin aldehyde	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Endrin ketone #2	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Heptachlor epoxide	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Heptachlor epoxide #2	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software
PB170426BSD	PD090995.D	Methoxychlor	rahul	11/7/2025 10:35:14 AM	yogesh	11/7/2025 10:55:27	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd110625	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-01	PD090996.D	Decachlorobiphenyl	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-02	PD090997.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:19 AM	yogesh	11/7/2025 10:55:31	Peak Integrated by Software
Q3534-02	PD090997.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:19 AM	yogesh	11/7/2025 10:55:31	Peak Integrated by Software
Q3534-04	PD090999.D	beta-BHC #2	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software
Q3534-04	PD090999.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software
Q3534-04	PD090999.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software
Q3534-05	PD091000.D	Decachlorobiphenyl	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
Q3534-05	PD091000.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
Q3534-05	PD091000.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
PSTDCCC050	PD091013.D	Endrin ketone #2	rahul	11/7/2025 10:35:51 AM	yogesh	11/7/2025 10:56:04	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd110625	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pd110725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091016.D	Endrin aldehyde	rahul	11/10/2025 8:41:50 AM	yogesh	11/10/2025 8:44:31	Peak Integrated by Software
PSTDCCC050	PD091017.D	Endrin ketone #2	rahul	11/10/2025 8:41:54 AM	yogesh	11/10/2025 8:44:38	Peak Integrated by Software
PSTDCCC050	PD091017.D	Heptachlor	rahul	11/10/2025 8:41:54 AM	yogesh	11/10/2025 8:44:38	Peak Integrated by Software
Q3534-06	PD091019.D	Decachlorobiphenyl	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-06	PD091019.D	Tetrachloro-m-xylene	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-06	PD091019.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-07	PD091020.D	Tetrachloro-m-xylene	rahul	11/10/2025 8:41:58 AM	yogesh	11/10/2025 8:44:42	Peak Integrated by Software
Q3534-07	PD091020.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:41:58 AM	yogesh	11/10/2025 8:44:42	Peak Integrated by Software
Q3534-05DL	PD091021.D	Decachlorobiphenyl	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
Q3534-05DL	PD091021.D	Decachlorobiphenyl #2	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
Q3534-05DL	PD091021.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
PSTDCCC050	PD091026.D	4,4"-DDE #2	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
PSTDCCC050	PD091026.D	Endosulfan II	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd110725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD091026.D	Endrin aldehyde	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
PSTDCCC050	PD091026.D	Endrin ketone #2	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
I.BLK	PD091031.D	Decachlorobiphenyl	rahul	11/10/2025 1:08:05 PM	yogesh	11/10/2025 1:50:50	Peak Integrated by Software
I.BLK	PD091031.D	Tetrachloro-m-xylene	rahul	11/10/2025 1:08:05 PM	yogesh	11/10/2025 1:50:50	Peak Integrated by Software
PSTDCCC050	PD091032.D	Endrin ketone #2	rahul	11/10/2025 1:08:08 PM	yogesh	11/10/2025 1:50:51	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM		
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM		
SubDirectory	PD110625	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090979.D	06 Nov 2025 09:07	AR\AJ	Ok
2	I.BLK	PD090980.D	06 Nov 2025 09:20	AR\AJ	Ok
3	PEM	PD090981.D	06 Nov 2025 09:34	AR\AJ	Ok
4	PSTDCCC050	PD090982.D	06 Nov 2025 10:32	AR\AJ	Ok,M
5	PB170371BS	PD090983.D	06 Nov 2025 10:52	AR\AJ	Ok,M
6	PB170400BS	PD090984.D	06 Nov 2025 12:16	AR\AJ	Ok,M
7	PB170420BL	PD090985.D	06 Nov 2025 12:29	AR\AJ	Ok
8	PB170420BS	PD090986.D	06 Nov 2025 12:43	AR\AJ	Ok,M
9	Q3544-01	PD090987.D	06 Nov 2025 12:57	AR\AJ	Ok,M
10	Q3544-01MS	PD090988.D	06 Nov 2025 13:10	AR\AJ	Ok,M
11	Q3544-01MSD	PD090989.D	06 Nov 2025 13:24	AR\AJ	Ok,M
12	Q3546-01	PD090990.D	06 Nov 2025 13:38	AR\AJ	Ok,M
13	I.BLK	PD090991.D	06 Nov 2025 13:51	AR\AJ	Ok
14	PSTDCCC050	PD090992.D	06 Nov 2025 14:05	AR\AJ	Ok,M
15	PB170426BL	PD090993.D	06 Nov 2025 14:19	AR\AJ	Ok
16	PB170426BS	PD090994.D	06 Nov 2025 14:32	AR\AJ	Ok,M
17	PB170426BSD	PD090995.D	06 Nov 2025 15:05	AR\AJ	Ok,M
18	Q3534-01	PD090996.D	06 Nov 2025 15:18	AR\AJ	Ok,M
19	Q3534-02	PD090997.D	06 Nov 2025 15:32	AR\AJ	Ok,M
20	Q3534-03	PD090998.D	06 Nov 2025 15:46	AR\AJ	Ok
21	Q3534-04	PD090999.D	06 Nov 2025 15:59	AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM		
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM		
SubDirectory	PD110625	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3534-05	PD091000.D	06 Nov 2025 16:13	AR\AJ	Dilution
23	Q3534-06	PD091001.D	06 Nov 2025 16:26	AR\AJ	Not Ok
24	Q3534-07	PD091002.D	06 Nov 2025 16:40	AR\AJ	Not Ok
25	Q3534-09	PD091003.D	06 Nov 2025 16:54	AR\AJ	Ok
26	Q3534-10	PD091004.D	06 Nov 2025 17:08	AR\AJ	Ok
27	Q3537-03	PD091005.D	06 Nov 2025 17:21	AR\AJ	Ok,M
28	Q3541-01	PD091006.D	06 Nov 2025 17:35	AR\AJ	ReRun
29	Q3552-01	PD091007.D	06 Nov 2025 17:48	AR\AJ	Ok,M
30	Q3552-02	PD091008.D	06 Nov 2025 18:02	AR\AJ	Ok,M
31	Q3552-03	PD091009.D	06 Nov 2025 18:16	AR\AJ	Ok,M
32	Q3552-04	PD091010.D	06 Nov 2025 18:29	AR\AJ	Ok,M
33	Q3552-05	PD091011.D	06 Nov 2025 18:43	AR\AJ	Ok,M
34	I.BLK	PD091012.D	06 Nov 2025 18:57	AR\AJ	Ok
35	PSTDCCC050	PD091013.D	06 Nov 2025 19:10	AR\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110725

Review By	rahul	Review On	11/7/2025 2:20:39 PM		
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM		
SubDirectory	PD110725	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD091014.D	07 Nov 2025 09:29	AR\AJ	Ok
2	I.BLK	PD091015.D	07 Nov 2025 09:43	AR\AJ	Ok
3	PEM	PD091016.D	07 Nov 2025 09:56	AR\AJ	Ok,M
4	PSTDCCC050	PD091017.D	07 Nov 2025 10:10	AR\AJ	Ok,M
5	PB170426BL	PD091018.D	07 Nov 2025 10:26	AR\AJ	Ok
6	Q3534-06	PD091019.D	07 Nov 2025 10:39	AR\AJ	Ok,M
7	Q3534-07	PD091020.D	07 Nov 2025 10:53	AR\AJ	Ok,M
8	Q3534-05DL	PD091021.D	07 Nov 2025 11:07	AR\AJ	Ok,M
9	Q3541-01RE	PD091022.D	07 Nov 2025 11:20	AR\AJ	Confirms
10	PB170426BSD	PD091023.D	07 Nov 2025 11:34	AR\AJ	Not Ok
11	PB170426BS	PD091024.D	07 Nov 2025 13:05	AR\AJ	Not Ok
12	I.BLK	PD091025.D	07 Nov 2025 13:18	AR\AJ	Ok
13	PSTDCCC050	PD091026.D	07 Nov 2025 13:32	AR\AJ	Ok,M
14	PB170447BL	PD091027.D	07 Nov 2025 16:32	AR\AJ	Ok
15	PB170447BS	PD091028.D	07 Nov 2025 16:46	AR\AJ	Ok,M
16	PB170447BSD	PD091029.D	07 Nov 2025 16:59	AR\AJ	Ok,M
17	Q3551-01	PD091030.D	07 Nov 2025 17:13	AR\AJ	ReRun
18	I.BLK	PD091031.D	07 Nov 2025 17:26	AR\AJ	Ok,M
19	PSTDCCC050	PD091032.D	07 Nov 2025 18:07	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM		
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM		
SubDirectory	PD110625	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090979.D	06 Nov 2025 09:07		AR\AJ	Ok
2	I.BLK	I.BLK	PD090980.D	06 Nov 2025 09:20		AR\AJ	Ok
3	PEM	PEM	PD090981.D	06 Nov 2025 09:34		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090982.D	06 Nov 2025 10:32		AR\AJ	Ok,M
5	PB170371BS	PB170371BS	PD090983.D	06 Nov 2025 10:52		AR\AJ	Ok,M
6	PB170400BS	PB170400BS	PD090984.D	06 Nov 2025 12:16		AR\AJ	Ok,M
7	PB170420BL	PB170420BL	PD090985.D	06 Nov 2025 12:29		AR\AJ	Ok
8	PB170420BS	PB170420BS	PD090986.D	06 Nov 2025 12:43		AR\AJ	Ok,M
9	Q3544-01	ONYX-1	PD090987.D	06 Nov 2025 12:57		AR\AJ	Ok,M
10	Q3544-01MS	ONYX-1MS	PD090988.D	06 Nov 2025 13:10		AR\AJ	Ok,M
11	Q3544-01MSD	ONYX-1MSD	PD090989.D	06 Nov 2025 13:24		AR\AJ	Ok,M
12	Q3546-01	TP-COMP	PD090990.D	06 Nov 2025 13:38		AR\AJ	Ok,M
13	I.BLK	I.BLK	PD090991.D	06 Nov 2025 13:51		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PD090992.D	06 Nov 2025 14:05		AR\AJ	Ok,M
15	PB170426BL	PB170426BL	PD090993.D	06 Nov 2025 14:19		AR\AJ	Ok
16	PB170426BS	PB170426BS	PD090994.D	06 Nov 2025 14:32		AR\AJ	Ok,M
17	PB170426BSD	PB170426BSD	PD090995.D	06 Nov 2025 15:05		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM		
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM		
SubDirectory	PD110625	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3534-01	MW-6	PD090996.D	06 Nov 2025 15:18	DCB high in 2nd column	AR\AJ	Ok,M
19	Q3534-02	MW-1	PD090997.D	06 Nov 2025 15:32		AR\AJ	Ok,M
20	Q3534-03	MW-11	PD090998.D	06 Nov 2025 15:46		AR\AJ	Ok
21	Q3534-04	MW-5	PD090999.D	06 Nov 2025 15:59		AR\AJ	Ok,M
22	Q3534-05	MW-EB-1	PD091000.D	06 Nov 2025 16:13	need dilution	AR\AJ	Dilution
23	Q3534-06	MW-EB-2	PD091001.D	06 Nov 2025 16:26	Carry over for comp # 06	AR\AJ	Not Ok
24	Q3534-07	MW-EB-3	PD091002.D	06 Nov 2025 16:40	need cleanup	AR\AJ	Not Ok
25	Q3534-09	FB-1	PD091003.D	06 Nov 2025 16:54		AR\AJ	Ok
26	Q3534-10	EB-1	PD091004.D	06 Nov 2025 17:08		AR\AJ	Ok
27	Q3537-03	MW-17-PURGE-WATEI	PD091005.D	06 Nov 2025 17:21		AR\AJ	Ok,M
28	Q3541-01	N48969	PD091006.D	06 Nov 2025 17:35	DCB Low in both column	AR\AJ	ReRun
29	Q3552-01	MW-4	PD091007.D	06 Nov 2025 17:48	DCB high in 2nd column	AR\AJ	Ok,M
30	Q3552-02	MW-8	PD091008.D	06 Nov 2025 18:02		AR\AJ	Ok,M
31	Q3552-03	MW-9	PD091009.D	06 Nov 2025 18:16		AR\AJ	Ok,M
32	Q3552-04	MW-10	PD091010.D	06 Nov 2025 18:29		AR\AJ	Ok,M
33	Q3552-05	MW-3	PD091011.D	06 Nov 2025 18:43		AR\AJ	Ok,M
34	I.BLK	I.BLK	PD091012.D	06 Nov 2025 18:57		AR\AJ	Ok
35	PSTDCCC050	PSTDCCC050	PD091013.D	06 Nov 2025 19:10		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110725

Review By	rahul	Review On	11/7/2025 2:20:39 PM		
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM		
SubDirectory	PD110725	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091014.D	07 Nov 2025 09:29		AR\AJ	Ok
2	I.BLK	I.BLK	PD091015.D	07 Nov 2025 09:43		AR\AJ	Ok
3	PEM	PEM	PD091016.D	07 Nov 2025 09:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD091017.D	07 Nov 2025 10:10		AR\AJ	Ok,M
5	PB170426BL	PB170426BL	PD091018.D	07 Nov 2025 10:26		AR\AJ	Ok
6	Q3534-06	MW-EB-2	PD091019.D	07 Nov 2025 10:39		AR\AJ	Ok,M
7	Q3534-07	MW-EB-3	PD091020.D	07 Nov 2025 10:53		AR\AJ	Ok,M
8	Q3534-05DL	MW-EB-1DL	PD091021.D	07 Nov 2025 11:07		AR\AJ	Ok,M
9	Q3541-01RE	N48969RE	PD091022.D	07 Nov 2025 11:20	DCB Low in both column	AR\AJ	Confirms
10	PB170426BSD	PB170426BSD	PD091023.D	07 Nov 2025 11:34		AR\AJ	Not Ok
11	PB170426BS	PB170426BS	PD091024.D	07 Nov 2025 13:05		AR\AJ	Not Ok
12	I.BLK	I.BLK	PD091025.D	07 Nov 2025 13:18		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PD091026.D	07 Nov 2025 13:32		AR\AJ	Ok,M
14	PB170447BL	PB170447BL	PD091027.D	07 Nov 2025 16:32		AR\AJ	Ok
15	PB170447BS	PB170447BS	PD091028.D	07 Nov 2025 16:46		AR\AJ	Ok,M
16	PB170447BSD	PB170447BSD	PD091029.D	07 Nov 2025 16:59		AR\AJ	Ok,M
17	Q3551-01	MANHOLE	PD091030.D	07 Nov 2025 17:13	TCMX low in both column	AR\AJ	ReRun
18	I.BLK	I.BLK	PD091031.D	07 Nov 2025 17:26		AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110725

Review By	rahul	Review On	11/7/2025 2:20:39 PM		
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM		
SubDirectory	PD110725	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PSTDCCC050	PSTDCCC050	PD091032.D	07 Nov 2025 18:07		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170426

SOP ID:	M3510C,3580A-Extraction Pesticide-17				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	11/06/2025
Matrix :	Water			**Extraction Start Time :**	09:15
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/06/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:55
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721. Q3534 & Q3552 all samples split the volume.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (EC4-Lab)	Y-P Pest/PCB
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170426

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170426BL	PBLK426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170426BS	PLCS426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170426BSD	PLCSD426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3534-01	MW-6	Pesticide-TCL	440	6	RUPESH	ritesh	5	O		4
Q3534-02	MW-1	Pesticide-TCL	470	6	RUPESH	ritesh	5	O		5
Q3534-03	MW-11	Pesticide-TCL	490	6	RUPESH	ritesh	5	O		6
Q3534-04	MW-5	Pesticide-TCL	485	6	RUPESH	ritesh	5	O		7
Q3534-05	MW-EB-1	Pesticide-TCL	475	6	RUPESH	ritesh	5	O		8
Q3534-06	MW-EB-2	Pesticide-TCL	485	6	RUPESH	ritesh	5	O		9
Q3534-07	MW-EB-3	Pesticide-TCL	480	6	RUPESH	ritesh	5	O		10
Q3534-09	FB-1	Pesticide-TCL	495	6	RUPESH	ritesh	5	O		11
Q3534-10	EB-1	Pesticide-TCL	495	6	RUPESH	ritesh	5	O		12
Q3537-03	MW-17-PURGE-WATER	Pesticide-TCL	990	6	RUPESH	ritesh	10	M		13
Q3541-01	N48969	Pesticide-TCL	980	6	RUPESH	ritesh	10	M		14
Q3552-01	MW-4	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		15
Q3552-02	MW-8	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		16
Q3552-03	MW-9	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		SEP-1
Q3552-04	MW-10	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		2
Q3552-05	MW-3	Pesticide-TCL	485	6	RUPESH	ritesh	5	L		3

RS 11/6

* **Extracts relinquished on the same date as received.**

1704126
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3541P **WorkList ID :** 192934 **Department :** Extraction **Date :** 11-06-2025 08:47:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-02	MW-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-03	MW-11	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-04	MW-5	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-05	MW-EB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3534-06	MW-EB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-07	MW-EB-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3534-09	FB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-10	EB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3537-03	MW-17-PURGE-WATER	Water	Pesticide-TCL	Cool 4 deg C	REMI02		11/04/2025	8081B
Q3541-01	N48969	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/04/2025	8081B
Q3552-01	MW-4	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/04/2025	8081B
Q3552-02	MW-8	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-03	MW-9	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-04	MW-10	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-05	MW-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/05/2025	8081B
						D41	11/04/2025	8081B

Date/Time 11/6/25 9:10
Raw Sample Received by: RS (EXT-Lab)
Raw Sample Relinquished by: [signature] SH

Date/Time 11/6/25 10:00
Raw Sample Received by: [signature] SH
Raw Sample Relinquished by: RS (EXT Lab)

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-02	**MW-1**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-03	**MW-11**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-04	**MW-5**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-05	**MW-EB-1**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-05DL	**MW-EB-1DL**	**WATER**			**11/03/25**			**11/04/25**
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-06	**MW-EB-2**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-07	**MW-EB-3**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/07/25	
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-09	**FB-1**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	

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LAB CHRONICLE

			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-10	**EB-1**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

Raw Data: **PO114944.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	450 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.11	U	1	0.11	0.56	ug/L	11/06/25 16:26	PB170425
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.56	ug/L	11/06/25 16:26	PB170425
11141-16-5	Aroclor-1232	0.11	U	1	0.11	0.56	ug/L	11/06/25 16:26	PB170425
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.56	ug/L	11/06/25 16:26	PB170425
12672-29-6	Aroclor-1248	0.079	U	1	0.079	0.56	ug/L	11/06/25 16:26	PB170425
11097-69-1	Aroclor-1254	0.10	U	1	0.10	0.56	ug/L	11/06/25 16:26	PB170425
37324-23-5	Aroclor-1262	0.16	U	1	0.16	0.56	ug/L	11/06/25 16:26	PB170425
11100-14-4	Aroclor-1268	0.12	U	1	0.12	0.56	ug/L	11/06/25 16:26	PB170425
11096-82-5	Aroclor-1260	0.090	U	1	0.090	0.56	ug/L	11/06/25 16:26	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			30 (30) - 150 (173)	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.5			30 (10) - 150 (173)	132%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114945.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	470 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.53	ug/L	11/06/25 16:44	PB170425
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.53	ug/L	11/06/25 16:44	PB170425
11141-16-5	Aroclor-1232	0.10	U	1	0.10	0.53	ug/L	11/06/25 16:44	PB170425
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.53	ug/L	11/06/25 16:44	PB170425
12672-29-6	Aroclor-1248	0.076	U	1	0.076	0.53	ug/L	11/06/25 16:44	PB170425
11097-69-1	Aroclor-1254	0.10	U	1	0.10	0.53	ug/L	11/06/25 16:44	PB170425
37324-23-5	Aroclor-1262	0.15	U	1	0.15	0.53	ug/L	11/06/25 16:44	PB170425
11100-14-4	Aroclor-1268	0.12	U	1	0.12	0.53	ug/L	11/06/25 16:44	PB170425
11096-82-5	Aroclor-1260	0.086	U	1	0.086	0.53	ug/L	11/06/25 16:44	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.8			30 (30) - 150 (173)	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.4			30 (10) - 150 (173)	137%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114946.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.099	U	1	0.099	0.51	ug/L	11/06/25 17:03	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	11/06/25 17:03	PB170425
11141-16-5	Aroclor-1232	0.098	U	1	0.098	0.51	ug/L	11/06/25 17:03	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	11/06/25 17:03	PB170425
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	11/06/25 17:03	PB170425
11097-69-1	Aroclor-1254	0.096	U	1	0.096	0.51	ug/L	11/06/25 17:03	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	11/06/25 17:03	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	11/06/25 17:03	PB170425
11096-82-5	Aroclor-1260	0.083	U	1	0.083	0.51	ug/L	11/06/25 17:03	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.4			30 (30) - 150 (173)	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.4			30 (10) - 150 (173)	127%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114947.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.52	ug/L	11/06/25 17:20	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.52	ug/L	11/06/25 17:20	PB170425
11141-16-5	Aroclor-1232	0.099	U	1	0.099	0.52	ug/L	11/06/25 17:20	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.52	ug/L	11/06/25 17:20	PB170425
12672-29-6	Aroclor-1248	0.073	U	1	0.073	0.52	ug/L	11/06/25 17:20	PB170425
11097-69-1	Aroclor-1254	0.097	U	1	0.097	0.52	ug/L	11/06/25 17:20	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.52	ug/L	11/06/25 17:20	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/06/25 17:20	PB170425
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/06/25 17:20	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.9			30 (30) - 150 (173)	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.3			30 (10) - 150 (173)	117%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114948.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	475 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.53	ug/L	11/06/25 17:39	PB170425
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.53	ug/L	11/06/25 17:39	PB170425
11141-16-5	Aroclor-1232	0.10	U	1	0.10	0.53	ug/L	11/06/25 17:39	PB170425
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.53	ug/L	11/06/25 17:39	PB170425
12672-29-6	Aroclor-1248	0.075	U	1	0.075	0.53	ug/L	11/06/25 17:39	PB170425
11097-69-1	Aroclor-1254	0.099	U	1	0.099	0.53	ug/L	11/06/25 17:39	PB170425
37324-23-5	Aroclor-1262	0.15	U	1	0.15	0.53	ug/L	11/06/25 17:39	PB170425
11100-14-4	Aroclor-1268	0.12	U	1	0.12	0.53	ug/L	11/06/25 17:39	PB170425
11096-82-5	Aroclor-1260	0.085	U	1	0.085	0.53	ug/L	11/06/25 17:39	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.4			30 (30) - 150 (173)	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			30 (10) - 150 (173)	112%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114949.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.52	ug/L	11/06/25 17:57	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.52	ug/L	11/06/25 17:57	PB170425
11141-16-5	Aroclor-1232	0.099	U	1	0.099	0.52	ug/L	11/06/25 17:57	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.52	ug/L	11/06/25 17:57	PB170425
12672-29-6	Aroclor-1248	0.073	U	1	0.073	0.52	ug/L	11/06/25 17:57	PB170425
11097-69-1	Aroclor-1254	0.097	U	1	0.097	0.52	ug/L	11/06/25 17:57	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.52	ug/L	11/06/25 17:57	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/06/25 17:57	PB170425
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/06/25 17:57	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.2			30 (30) - 150 (173)	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.8			30 (10) - 150 (173)	94%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114963.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	480 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.10	U	1	0.10	0.52	ug/L	11/07/25 11:39	PB170425
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.52	ug/L	11/07/25 11:39	PB170425
11141-16-5	Aroclor-1232	0.10	U	1	0.10	0.52	ug/L	11/07/25 11:39	PB170425
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.52	ug/L	11/07/25 11:39	PB170425
12672-29-6	Aroclor-1248	0.074	U	1	0.074	0.52	ug/L	11/07/25 11:39	PB170425
11097-69-1	Aroclor-1254	0.098	U	1	0.098	0.52	ug/L	11/07/25 11:39	PB170425
37324-23-5	Aroclor-1262	0.15	U	1	0.15	0.52	ug/L	11/07/25 11:39	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/07/25 11:39	PB170425
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/07/25 11:39	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.9			30 (30) - 150 (173)	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.6			30 (10) - 150 (173)	128%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PP076357.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.098	U	1	0.098	0.51	ug/L	11/06/25 15:23	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	11/06/25 15:23	PB170425
11141-16-5	Aroclor-1232	0.097	U	1	0.097	0.51	ug/L	11/06/25 15:23	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	11/06/25 15:23	PB170425
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	11/06/25 15:23	PB170425
11097-69-1	Aroclor-1254	0.095	U	1	0.095	0.51	ug/L	11/06/25 15:23	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	11/06/25 15:23	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	11/06/25 15:23	PB170425
11096-82-5	Aroclor-1260	0.082	U	1	0.082	0.51	ug/L	11/06/25 15:23	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.9			30 (30) - 150 (173)	145%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.7			30 (10) - 150 (173)	124%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PP076358.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.098	U	1	0.098	0.51	ug/L	11/06/25 15:39	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	11/06/25 15:39	PB170425
11141-16-5	Aroclor-1232	0.097	U	1	0.097	0.51	ug/L	11/06/25 15:39	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	11/06/25 15:39	PB170425
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	11/06/25 15:39	PB170425
11097-69-1	Aroclor-1254	0.095	U	1	0.095	0.51	ug/L	11/06/25 15:39	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	11/06/25 15:39	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	11/06/25 15:39	PB170425
11096-82-5	Aroclor-1260	0.082	U	1	0.082	0.51	ug/L	11/06/25 15:39	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	32.6	*		30 (30) - 150 (173)	163%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.3			30 (10) - 150 (173)	132%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		70 (60)	130 (140)
		Decachlorobiphen	1	20	16.8	84		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.2	81		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.3	86		70 (60)	130 (140)
I.BLK-PO114940.D	PIBLK-PO114940.D	Tetrachloro-m-xyl	1	20	18.7	94		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.3	96		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.9	94		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.8	104		70 (60)	130 (140)
PB170425BL	PB170425BL	Tetrachloro-m-xyl	1	20	20.4	102		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.2	106		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	20.6	103		30 (30)	150 (173)
		Decachlorobiphen	2	20	23.0	115		30 (10)	150 (173)
PB170425BS	PB170425BS	Tetrachloro-m-xyl	1	20	21.3	106		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.9	110		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	19.8	99		30 (30)	150 (173)
		Decachlorobiphen	2	20	23.5	117		30 (10)	150 (173)
PB170425BSD	PB170425BSD	Tetrachloro-m-xyl	1	20	21.6	108		30 (30)	150 (173)
		Decachlorobiphen	1	20	22.4	112		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	20.3	101		30 (30)	150 (173)
		Decachlorobiphen	2	20	23.7	119		30 (10)	150 (173)
Q3534-01	MW-6	Tetrachloro-m-xyl	1	20	22.5	112		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.0	120		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	23.0	115		30 (30)	150 (173)
		Decachlorobiphen	2	20	26.5	132		30 (10)	150 (173)
Q3534-02	MW-1	Tetrachloro-m-xyl	1	20	24.2	121		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.8	124		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	24.8	124		30 (30)	150 (173)
		Decachlorobiphen	2	20	27.4	137		30 (10)	150 (173)
Q3534-03	MW-11	Tetrachloro-m-xyl	1	20	22.1	110		30 (30)	150 (173)
		Decachlorobiphen	1	20	23.2	116		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.4	112		30 (30)	150 (173)
		Decachlorobiphen	2	20	25.4	127		30 (10)	150 (173)
Q3534-04	MW-5	Tetrachloro-m-xyl	1	20	22.8	114		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.6	108		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.9	115		30 (30)	150 (173)
		Decachlorobiphen	2	20	23.3	117		30 (10)	150 (173)
Q3534-05	MW-EB-1	Tetrachloro-m-xyl	1	20	19.1	96		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.2	106		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.4	112		30 (30)	150 (173)
		Decachlorobiphen	2	20	22.3	112		30 (10)	150 (173)
Q3534-06	MW-EB-2	Tetrachloro-m-xyl	1	20	21.5	108		30 (30)	150 (173)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3534-06	MW-EB-2	Decachlorobiphen	1	20	16.6	83		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.2	111		30 (30)	150 (173)
		Decachlorobiphen	2	20	18.8	94		30 (10)	150 (173)
I.BLK-PO114955.D	PIBLK-PO114955.D	Tetrachloro-m-xyl	1	20	19.1	96		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.2	96		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.9	105		70 (60)	130 (140)
I.BLK-PO114961.D	PIBLK-PO114961.D	Tetrachloro-m-xyl	1	20	15.6	78		70 (60)	130 (140)
		Decachlorobiphen	1	20	15.5	77		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	15.4	77		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.6	88		70 (60)	130 (140)
Q3534-07	MW-EB-3	Tetrachloro-m-xyl	1	20	23.9	119		30 (30)	150 (173)
		Decachlorobiphen	1	20	23.8	119		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	23.9	119		30 (30)	150 (173)
		Decachlorobiphen	2	20	25.6	128		30 (10)	150 (173)
I.BLK-PO114978.D	PIBLK-PO114978.D	Tetrachloro-m-xyl	1	20	15.4	77		70 (60)	130 (140)
		Decachlorobiphen	1	20	15.4	77		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	15.6	78		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.5	88		70 (60)	130 (140)
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.4	102		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.8	94		70 (60)	130 (140)
		Decachlorobiphen	2	20	19.3	96		70 (60)	130 (140)
I.BLK-PP076356.D	PIBLK-PP076356.D	Tetrachloro-m-xyl	1	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.1	100		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.1	85		70 (60)	130 (140)
Q3534-09	FB-1	Tetrachloro-m-xyl	1	20	28.9	145		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.7	124		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	28.4	142		30 (30)	150 (173)
		Decachlorobiphen	2	20	21.8	109		30 (10)	150 (173)
Q3534-10	EB-1	Tetrachloro-m-xyl	1	20	32.6	163	*	30 (30)	150 (173)
		Decachlorobiphen	1	20	26.3	132		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	29.4	147		30 (30)	150 (173)
		Decachlorobiphen	2	20	23.4	117		30 (10)	150 (173)
I.BLK-PP076371.D	PIBLK-PP076371.D	Tetrachloro-m-xyl	1	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.2	91		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.7	88		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO114942.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170425BS (Column 1)	AR1016	5	4.50	ug/L	90				40 (77)	140 (107)	
	AR1260	5	4.30	ug/L	86				40 (66)	140 (113)	
PB170425BS (Column 2)	AR1016	5	4.30	ug/L	86				40 (77)	140 (107)	
	AR1260	5	4.20	ug/L	84				40 (66)	140 (113)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO114943.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170425BSD (Column 1)	AR1016	5	4.50	ug/L	90	0			40 (77)	140 (107)	20 (20)
	AR1260	5	4.20	ug/L	84	2			40 (66)	140 (113)	20 (20)
PB170425BSD (Column 2)	AR1016	5	4.30	ug/L	86	0			40 (77)	140 (107)	20 (20)
	AR1260	5	4.20	ug/L	84	0			40 (66)	140 (113)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170425BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3534

Lab Sample ID: PB170425BL | Lab File ID: PO114941.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/06/2025

Date Analyzed (1): 11/06/2025 | Date Analyzed (2): 11/06/2025

Time Analyzed (1): 15:32 | Time Analyzed (2): 15:32

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170425BS	PB170425BS	PO114942.D	11/06/2025	11/06/2025
PB170425BSD	PB170425BSD	PO114943.D	11/06/2025	11/06/2025
MW-6	Q3534-01	PO114944.D	11/06/2025	11/06/2025
MW-1	Q3534-02	PO114945.D	11/06/2025	11/06/2025
MW-11	Q3534-03	PO114946.D	11/06/2025	11/06/2025
MW-5	Q3534-04	PO114947.D	11/06/2025	11/06/2025
MW-EB-1	Q3534-05	PO114948.D	11/06/2025	11/06/2025
MW-EB-2	Q3534-06	PO114949.D	11/06/2025	11/06/2025
MW-EB-3	Q3534-07	PO114963.D	11/07/2025	11/07/2025
FB-1	Q3534-09	PP076357.D	11/06/2025	11/06/2025
EB-1	Q3534-10	PP076358.D	11/06/2025	11/06/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PO114941.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170425BL	SDG No.:	Q3534
Lab Sample ID:	PB170425BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/06/25 15:32	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 15:32	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 15:32	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 15:32	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 15:32	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 15:32	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 15:32	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 15:32	PB170425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25 15:32	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.6			30 (30) - 150 (173)	103%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.0			30 (10) - 150 (173)	115%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			70 (60) - 130 (140)	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			70 (60) - 130 (140)	84%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PO114940.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PO114940.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/06/25	po110625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25	po110625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25	po110625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25	po110625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25	po110625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25	po110625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25	po110625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25	po110625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25	po110625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.7			70 (60) - 130 (140)	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			70 (60) - 130 (140)	96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PO114955.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PO114955.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/06/25	po110625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25	po110625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25	po110625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25	po110625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25	po110625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25	po110625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25	po110625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25	po110625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25	po110625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.1			70 (60) - 130 (140)	96%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.6			70 (60) - 130 (140)	98%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	PIBLK-PO114961.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PO114961.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/07/25	po110725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/07/25	po110725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/07/25	po110725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/07/25	po110725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/07/25	po110725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/07/25	po110725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/07/25	po110725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/07/25	po110725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/07/25	po110725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.4			70 (60) - 130 (140)	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.5			70 (60) - 130 (140)	77%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	PIBLK-PO114978.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PO114978.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/07/25	po110725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/07/25	po110725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/07/25	po110725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/07/25	po110725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/07/25	po110725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/07/25	po110725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/07/25	po110725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/07/25	po110725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/07/25	po110725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.4			70 (60) - 130 (140)	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.4			70 (60) - 130 (140)	77%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/21/25
Project:	Edison Landfill	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			70 (60) - 130 (140)	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			70 (60) - 130 (140)	96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PP076356.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PP076356.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/06/25	pp110625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25	pp110625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25	pp110625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25	pp110625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25	pp110625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25	pp110625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25	pp110625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25	pp110625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25	pp110625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.0			70 (60) - 130 (140)	90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.1			70 (60) - 130 (140)	85%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	PIBLK-PP076371.D	SDG No.:	Q3534
Lab Sample ID:	I.BLK-PP076371.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/06/25	pp110625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25	pp110625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25	pp110625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25	pp110625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25	pp110625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25	pp110625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25	pp110625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25	pp110625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25	pp110625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.2			70 (60) - 130 (140)	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.7			70 (60) - 130 (140)	88%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114942.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170425BS	SDG No.:	Q3534
Lab Sample ID:	PB170425BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50		1	0.097	0.50	ug/L	11/06/25 15:50	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 15:50	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 15:50	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 15:50	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 15:50	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 15:50	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 15:50	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 15:50	PB170425
11096-82-5	Aroclor-1260	4.30		1	0.081	0.50	ug/L	11/06/25 15:50	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.3			30 (30) - 150 (173)	106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.5			30 (10) - 150 (173)	117%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PO114943.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170425BSD	SDG No.:	Q3534
Lab Sample ID:	PB170425BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50		1	0.097	0.50	ug/L	11/06/25 16:08	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 16:08	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 16:08	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 16:08	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 16:08	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 16:08	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 16:08	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 16:08	PB170425
11096-82-5	Aroclor-1260	4.20		1	0.081	0.50	ug/L	11/06/25 16:08	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.6			30 (30) - 150 (173)	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.7			30 (10) - 150 (173)	119%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1260-4	(4)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.35	6.36	6.35	6.35	6.36	6.35	6.25	6.45
Aroclor-1248-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1254-1	(1)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.21	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.97	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.68	5.68	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021	3
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917	3
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964	3
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084	3
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133	5
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442	5
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202	7
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979	7
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058	7
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654	3
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415	6
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711	4
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751	2
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181	2
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866	3
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634	4
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325	2
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505	6
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943	5
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686	6
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934	5
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736	3
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203	4
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916	3
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599	5
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939	2
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643	3
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398	7
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599	2
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306	3
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401	2
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219	3
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975	2
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	190255495	4
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	270864445	4
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	147973176	4
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	117417809	6
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	152713484	5
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	296107474	5
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	430031211	3
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	351151399	4
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	303028670	4
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	821628074	4
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3903823849	3
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4466779594	4
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	146221590	3
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	207147890	3
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	111977521	3
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	107131147	3
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	142917757	4
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	4303689581	3
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4681866584	4
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	109309714	5
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	148900481	7
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	155407759	6
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	183252329	5
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	184328628	3
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	4216062851	3
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	4803726475	1
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	300180077	8
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	269607535	9
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	422244738	4
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	297394184	3
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	397526003	2
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	4410129979	3
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	4888312959	2
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	976125339	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P
Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D
RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: REMI02
SDG NO.: Q3534
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:00 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:00 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114936.D **Time Analyzed:** 14:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.487	5.387	5.587	505.510	500.000	1.1
Aroclor-1016-2	5.509	5.408	5.608	500.610	500.000	0.1
Aroclor-1016-3	5.570	5.470	5.670	519.930	500.000	4.0
Aroclor-1016-4	5.666	5.566	5.766	511.720	500.000	2.3
Aroclor-1016-5	5.958	5.858	6.058	486.570	500.000	-2.7
Aroclor-1260-1	7.072	6.971	7.171	485.660	500.000	-2.9
Aroclor-1260-2	7.325	7.225	7.425	513.500	500.000	2.7
Aroclor-1260-3	7.683	7.582	7.782	513.020	500.000	2.6
Aroclor-1260-4	7.904	7.803	8.003	499.360	500.000	-0.1
Aroclor-1260-5	8.210	8.110	8.310	502.550	500.000	0.5
Decachlorobiphenyl	9.930	9.830	10.030	49.940	50.000	-0.1
Tetrachloro-m-xylene	4.348	4.248	4.448	51.460	50.000	2.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114936.D **Time Analyzed:** 14:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.628	4.828	491.610	500.000	-1.7
Aroclor-1016-2	4.745	4.647	4.847	494.270	500.000	-1.1
Aroclor-1016-3	4.920	4.821	5.021	500.530	500.000	0.1
Aroclor-1016-4	4.962	4.864	5.064	496.850	500.000	-0.6
Aroclor-1016-5	5.174	5.076	5.276	502.840	500.000	0.6
Aroclor-1260-1	6.205	6.106	6.306	483.630	500.000	-3.3
Aroclor-1260-2	6.392	6.294	6.494	488.750	500.000	-2.3
Aroclor-1260-3	6.545	6.446	6.646	489.890	500.000	-2.0
Aroclor-1260-4	7.016	6.917	7.117	498.910	500.000	-0.2
Aroclor-1260-5	7.257	7.158	7.358	493.840	500.000	-1.2
Decachlorobiphenyl	8.639	8.541	8.741	52.450	50.000	4.9
Tetrachloro-m-xylene	3.648	3.548	3.748	49.210	50.000	-1.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 19:28 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 19:28 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114951.D **Time Analyzed:** 19:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.486	5.387	5.587	512.950	500.000	2.6
Aroclor-1016-2	5.508	5.408	5.608	504.850	500.000	1.0
Aroclor-1016-3	5.569	5.470	5.670	531.690	500.000	6.3
Aroclor-1016-4	5.665	5.566	5.766	520.950	500.000	4.2
Aroclor-1016-5	5.957	5.858	6.058	497.090	500.000	-0.6
Aroclor-1260-1	7.070	6.971	7.171	491.430	500.000	-1.7
Aroclor-1260-2	7.324	7.225	7.425	525.920	500.000	5.2
Aroclor-1260-3	7.682	7.582	7.782	524.330	500.000	4.9
Aroclor-1260-4	7.903	7.803	8.003	511.630	500.000	2.3
Aroclor-1260-5	8.210	8.110	8.310	510.830	500.000	2.2
Decachlorobiphenyl	9.928	9.830	10.030	50.820	50.000	1.6
Tetrachloro-m-xylene	4.347	4.248	4.448	52.160	50.000	4.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114951.D **Time Analyzed:** 19:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.628	4.828	493.530	500.000	-1.3
Aroclor-1016-2	4.745	4.647	4.847	495.870	500.000	-0.8
Aroclor-1016-3	4.920	4.821	5.021	502.760	500.000	0.6
Aroclor-1016-4	4.961	4.864	5.064	498.680	500.000	-0.3
Aroclor-1016-5	5.174	5.076	5.276	501.150	500.000	0.2
Aroclor-1260-1	6.204	6.106	6.306	481.910	500.000	-3.6
Aroclor-1260-2	6.392	6.294	6.494	484.950	500.000	-3.0
Aroclor-1260-3	6.544	6.446	6.646	488.220	500.000	-2.4
Aroclor-1260-4	7.015	6.917	7.117	496.560	500.000	-0.7
Aroclor-1260-5	7.256	7.158	7.358	494.130	500.000	-1.2
Decachlorobiphenyl	8.639	8.541	8.741	52.800	50.000	5.6
Tetrachloro-m-xylene	3.647	3.548	3.748	49.810	50.000	-0.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:49 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:49 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114957.D **Time Analyzed:** 09:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.486	5.387	5.587	500.540	500.000	0.1
Aroclor-1016-2	5.508	5.408	5.608	499.430	500.000	-0.1
Aroclor-1016-3	5.569	5.470	5.670	516.380	500.000	3.3
Aroclor-1016-4	5.665	5.566	5.766	504.650	500.000	0.9
Aroclor-1016-5	5.957	5.858	6.058	491.820	500.000	-1.6
Aroclor-1260-1	7.070	6.971	7.171	482.130	500.000	-3.6
Aroclor-1260-2	7.324	7.225	7.425	515.470	500.000	3.1
Aroclor-1260-3	7.682	7.582	7.782	515.080	500.000	3.0
Aroclor-1260-4	7.904	7.803	8.003	501.190	500.000	0.2
Aroclor-1260-5	8.210	8.110	8.310	498.760	500.000	-0.2
Decachlorobiphenyl	9.932	9.830	10.030	49.920	50.000	-0.2
Tetrachloro-m-xylene	4.346	4.248	4.448	52.000	50.000	4.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114957.D **Time Analyzed:** 09:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.725	4.628	4.828	491.660	500.000	-1.7
Aroclor-1016-2	4.745	4.647	4.847	488.160	500.000	-2.4
Aroclor-1016-3	4.919	4.821	5.021	496.200	500.000	-0.8
Aroclor-1016-4	4.961	4.864	5.064	493.920	500.000	-1.2
Aroclor-1016-5	5.174	5.076	5.276	496.130	500.000	-0.8
Aroclor-1260-1	6.204	6.106	6.306	474.390	500.000	-5.1
Aroclor-1260-2	6.391	6.294	6.494	480.080	500.000	-4.0
Aroclor-1260-3	6.544	6.446	6.646	480.920	500.000	-3.8
Aroclor-1260-4	7.015	6.917	7.117	487.810	500.000	-2.4
Aroclor-1260-5	7.255	7.158	7.358	486.450	500.000	-2.7
Decachlorobiphenyl	8.639	8.541	8.741	52.000	50.000	4.0
Tetrachloro-m-xylene	3.646	3.548	3.748	49.430	50.000	-1.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.91	7.90	7.80	8.00	-0.01
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/07/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114974.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.487	5.387	5.587	497.780	500.000	-0.4
Aroclor-1016-2	5.509	5.408	5.608	488.030	500.000	-2.4
Aroclor-1016-3	5.570	5.470	5.670	510.240	500.000	2.0
Aroclor-1016-4	5.666	5.566	5.766	498.750	500.000	-0.3
Aroclor-1016-5	5.959	5.858	6.058	477.030	500.000	-4.6
Aroclor-1260-1	7.072	6.971	7.171	473.000	500.000	-5.4
Aroclor-1260-2	7.327	7.225	7.425	506.660	500.000	1.3
Aroclor-1260-3	7.684	7.582	7.782	499.360	500.000	-0.1
Aroclor-1260-4	7.905	7.803	8.003	490.650	500.000	-1.9
Aroclor-1260-5	8.213	8.110	8.310	493.530	500.000	-1.3
Decachlorobiphenyl	9.935	9.830	10.030	49.200	50.000	-1.6
Tetrachloro-m-xylene	4.347	4.248	4.448	51.230	50.000	2.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114974.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.628	4.828	493.590	500.000	-1.3
Aroclor-1016-2	4.745	4.647	4.847	495.330	500.000	-0.9
Aroclor-1016-3	4.920	4.821	5.021	504.380	500.000	0.9
Aroclor-1016-4	4.962	4.864	5.064	495.530	500.000	-0.9
Aroclor-1016-5	5.174	5.076	5.276	498.560	500.000	-0.3
Aroclor-1260-1	6.206	6.106	6.306	478.330	500.000	-4.3
Aroclor-1260-2	6.392	6.294	6.494	477.760	500.000	-4.4
Aroclor-1260-3	6.546	6.446	6.646	481.330	500.000	-3.7
Aroclor-1260-4	7.017	6.917	7.117	489.610	500.000	-2.1
Aroclor-1260-5	7.258	7.158	7.358	489.610	500.000	-2.1
Decachlorobiphenyl	8.641	8.541	8.741	52.650	50.000	5.3
Tetrachloro-m-xylene	3.647	3.548	3.748	50.340	50.000	0.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:02 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:02 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076352.D **Time Analyzed:** 14:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.793	5.695	5.895	500.170	500.000	0.0
Aroclor-1016-2	5.814	5.717	5.917	500.320	500.000	0.1
Aroclor-1016-3	5.877	5.780	5.980	505.820	500.000	1.2
Aroclor-1016-4	5.974	5.877	6.077	509.170	500.000	1.8
Aroclor-1016-5	6.266	6.169	6.369	501.660	500.000	0.3
Aroclor-1260-1	7.384	7.287	7.487	529.390	500.000	5.9
Aroclor-1260-2	7.637	7.540	7.740	518.180	500.000	3.6
Aroclor-1260-3	7.995	7.899	8.099	536.210	500.000	7.2
Aroclor-1260-4	8.223	8.127	8.327	546.660	500.000	9.3
Aroclor-1260-5	8.548	8.452	8.652	507.390	500.000	1.5
Decachlorobiphenyl	10.411	10.319	10.519	47.980	50.000	-4.0
Tetrachloro-m-xylene	4.641	4.542	4.742	49.360	50.000	-1.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076352.D **Time Analyzed:** 14:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.872	4.778	4.978	487.590	500.000	-2.5
Aroclor-1016-2	4.931	4.836	5.036	466.830	500.000	-6.6
Aroclor-1016-3	5.050	4.954	5.154	458.550	500.000	-8.3
Aroclor-1016-4	5.091	4.996	5.196	523.780	500.000	4.8
Aroclor-1016-5	5.306	5.210	5.410	466.790	500.000	-6.6
Aroclor-1260-1	6.332	6.238	6.438	534.840	500.000	7.0
Aroclor-1260-2	6.519	6.425	6.625	531.060	500.000	6.2
Aroclor-1260-3	6.673	6.578	6.778	529.430	500.000	5.9
Aroclor-1260-4	7.142	7.047	7.247	594.100	500.000	18.8
Aroclor-1260-5	7.382	7.287	7.487	538.080	500.000	7.6
Decachlorobiphenyl	8.774	8.682	8.882	44.670	50.000	-10.7
Tetrachloro-m-xylene	3.778	3.681	3.881	51.150	50.000	2.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 18:54 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.54	8.55	8.45	8.65	0.01
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.40	10.42	10.32	10.52	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

Continuing Calib Date: 11/06/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 18:54 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076367.D **Time Analyzed:** 18:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.786	5.695	5.895	532.580	500.000	6.5
Aroclor-1016-2	5.807	5.717	5.917	445.900	500.000	-10.8
Aroclor-1016-3	5.870	5.780	5.980	467.410	500.000	-6.5
Aroclor-1016-4	5.967	5.877	6.077	478.000	500.000	-4.4
Aroclor-1016-5	6.259	6.169	6.369	478.990	500.000	-4.2
Aroclor-1260-1	7.378	7.287	7.487	525.640	500.000	5.1
Aroclor-1260-2	7.631	7.540	7.740	512.000	500.000	2.4
Aroclor-1260-3	7.989	7.899	8.099	524.980	500.000	5.0
Aroclor-1260-4	8.217	8.127	8.327	518.980	500.000	3.8
Aroclor-1260-5	8.542	8.452	8.652	500.170	500.000	0.0
Decachlorobiphenyl	10.404	10.319	10.519	47.610	50.000	-4.8
Tetrachloro-m-xylene	4.635	4.542	4.742	49.100	50.000	-1.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3534

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/06/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076367.D **Time Analyzed:** 18:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.869	4.778	4.978	482.510	500.000	-3.5
Aroclor-1016-2	4.928	4.836	5.036	463.880	500.000	-7.2
Aroclor-1016-3	5.048	4.954	5.154	430.090	500.000	-14.0
Aroclor-1016-4	5.090	4.996	5.196	484.090	500.000	-3.2
Aroclor-1016-5	5.302	5.210	5.410	452.950	500.000	-9.4
Aroclor-1260-1	6.329	6.238	6.438	539.390	500.000	7.9
Aroclor-1260-2	6.516	6.425	6.625	537.630	500.000	7.5
Aroclor-1260-3	6.668	6.578	6.778	531.440	500.000	6.3
Aroclor-1260-4	7.137	7.047	7.247	583.090	500.000	16.6
Aroclor-1260-5	7.378	7.287	7.487	543.820	500.000	8.8
Decachlorobiphenyl	8.770	8.682	8.882	45.790	50.000	-8.4
Tetrachloro-m-xylene	3.777	3.681	3.881	49.890	50.000	-0.2

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/06/2025	14:00	PO114936.D	9.93	4.35
I.BLK	I.BLK	11/06/2025	15:13	PO114940.D	9.93	4.35
PB170425BL	PB170425BL	11/06/2025	15:32	PO114941.D	9.93	4.35
PB170425BS	PB170425BS	11/06/2025	15:50	PO114942.D	9.93	4.35
PB170425BSD	PB170425BSD	11/06/2025	16:08	PO114943.D	9.93	4.34
MW-6	Q3534-01	11/06/2025	16:26	PO114944.D	9.93	4.35
MW-1	Q3534-02	11/06/2025	16:44	PO114945.D	9.93	4.35
MW-11	Q3534-03	11/06/2025	17:03	PO114946.D	9.93	4.35
MW-5	Q3534-04	11/06/2025	17:20	PO114947.D	9.93	4.35
MW-EB-1	Q3534-05	11/06/2025	17:39	PO114948.D	9.93	4.35
MW-EB-2	Q3534-06	11/06/2025	17:57	PO114949.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/06/2025	19:28	PO114951.D	9.93	4.35
I.BLK	I.BLK	11/06/2025	21:17	PO114955.D	9.93	4.35

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Analytical Sequence

AR1660CCC500	AR1660CCC500	11/07/2025	09:49	PO114957.D	9.93	4.35
I.BLK	I.BLK	11/07/2025	11:02	PO114961.D	9.93	4.35
MW-EB-3	Q3534-07	11/07/2025	11:39	PO114963.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/07/2025	16:14	PO114974.D	9.94	4.35
I.BLK	I.BLK	11/07/2025	18:04	PO114978.D	9.93	4.35
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	11/06/2025	14:02	PP076352.D	10.41	4.64
I.BLK	I.BLK	11/06/2025	15:07	PP076356.D	10.41	4.64
FB-1	Q3534-09	11/06/2025	15:23	PP076357.D	10.41	4.64
EB-1	Q3534-10	11/06/2025	15:39	PP076358.D	10.41	4.64
AR1660CCC500	AR1660CCC500	11/06/2025	18:54	PP076367.D	10.40	4.64
I.BLK	I.BLK	11/06/2025	20:48	PP076371.D	10.41	4.64

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/06/2025	14:00	PO114936.D	8.64	3.65
I.BLK	I.BLK	11/06/2025	15:13	PO114940.D	8.64	3.65
PB170425BL	PB170425BL	11/06/2025	15:32	PO114941.D	8.64	3.65
PB170425BS	PB170425BS	11/06/2025	15:50	PO114942.D	8.64	3.65
PB170425BSD	PB170425BSD	11/06/2025	16:08	PO114943.D	8.64	3.65
MW-6	Q3534-01	11/06/2025	16:26	PO114944.D	8.64	3.65
MW-1	Q3534-02	11/06/2025	16:44	PO114945.D	8.64	3.65
MW-11	Q3534-03	11/06/2025	17:03	PO114946.D	8.64	3.65
MW-5	Q3534-04	11/06/2025	17:20	PO114947.D	8.64	3.65
MW-EB-1	Q3534-05	11/06/2025	17:39	PO114948.D	8.64	3.65
MW-EB-2	Q3534-06	11/06/2025	17:57	PO114949.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/06/2025	19:28	PO114951.D	8.64	3.65
I.BLK	I.BLK	11/06/2025	21:17	PO114955.D	8.64	3.65

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Analytical Sequence

AR1660CCC500	AR1660CCC500	11/07/2025	09:49	PO114957.D	8.64	3.65
I.BLK	I.BLK	11/07/2025	11:02	PO114961.D	8.64	3.65
MW-EB-3	Q3534-07	11/07/2025	11:39	PO114963.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/07/2025	16:14	PO114974.D	8.64	3.65
I.BLK	I.BLK	11/07/2025	18:04	PO114978.D	8.64	3.65
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	11/06/2025	14:02	PP076352.D	8.77	3.78
I.BLK	I.BLK	11/06/2025	15:07	PP076356.D	8.78	3.78
FB-1	Q3534-09	11/06/2025	15:23	PP076357.D	8.77	3.78
EB-1	Q3534-10	11/06/2025	15:39	PP076358.D	8.77	3.78
AR1660CCC500	AR1660CCC500	11/06/2025	18:54	PP076367.D	8.77	3.78
I.BLK	I.BLK	11/06/2025	20:48	PP076371.D	8.77	3.78

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB170425BS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3534
Lab Sample ID: PB170425BS
Date(s) Analyzed: 11/06/2025 11/06/2025
Instrument ID (1): ECD_O
Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO114942.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.486	5.436	5.536	4.50		
	2	5.508	5.458	5.558	4.43		
	3	5.57	5.52	5.62	4.60		
COLUMN 1	4	5.665	5.615	5.715	4.53		
	5	5.957	5.907	6.007	4.35	4.50	
	1	4.727	4.677	4.777	4.29		
	2	4.746	4.696	4.796	4.35		
	3	4.92	4.87	4.97	4.32		
	4	4.963	4.913	5.013	4.23		
COLUMN 2	5	5.174	5.124	5.224	4.18	4.30	4.55
Aroclor-1260	1	7.071	7.021	7.121	4.44		
	2	7.324	7.274	7.374	4.75		
	3	7.682	7.632	7.732	3.93		
COLUMN 1	4	7.904	7.854	7.954	4.15		
	5	8.21	8.16	8.26	3.99	4.30	
	1	6.205	6.155	6.255	4.41		
	2	6.392	6.342	6.442	4.41		
	3	6.544	6.494	6.594	4.37		
	4	7.015	6.965	7.065	3.92		
COLUMN 2	5	7.256	7.206	7.306	3.94	4.20	2.35

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170425BSD

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Lab Sample ID: PB170425BSD Date(s) Analyzed: 11/06/2025 11/06/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO114943.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.483	5.433	5.533	4.54		
	2	5.505	5.455	5.555	4.41		
	3	5.567	5.517	5.617	4.62		
COLUMN 1	4	5.662	5.612	5.712	4.51		
	5	5.954	5.904	6.004	4.33	4.50	
	1	4.725	4.675	4.775	4.25		
	2	4.744	4.694	4.794	4.26		
	3	4.918	4.868	4.968	4.35		
	4	4.96	4.91	5.01	4.27		
COLUMN 2	5	5.172	5.122	5.222	4.19	4.30	4.55
Aroclor-1260	1	7.068	7.018	7.118	4.50		
	2	7.322	7.272	7.372	4.60		
	3	7.679	7.629	7.729	3.95		
COLUMN 1	4	7.901	7.851	7.951	4.13		
	5	8.208	8.158	8.258	3.96	4.20	
	1	6.203	6.153	6.253	4.40		
	2	6.39	6.34	6.44	4.38		
	3	6.543	6.493	6.593	4.41		
	4	7.014	6.964	7.064	3.92		
COLUMN 2	5	7.255	7.205	7.305	3.93	4.20	0

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:26
Operator : YP/AJ
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	158.2E6	102.6E6	22.474	22.965
2)	SA Decachlor...	9.927	8.637	106.1E6	103.3E6	23.995	26.464
	Target Compounds						

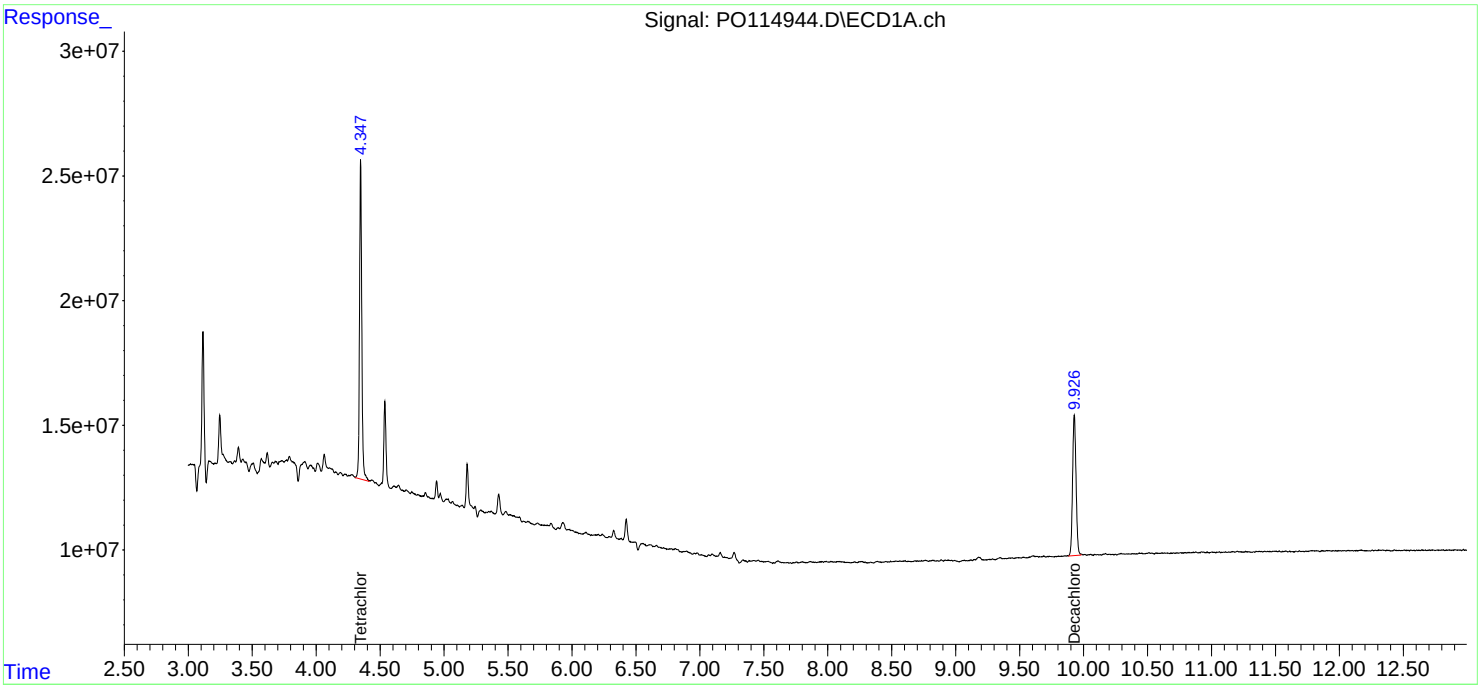
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

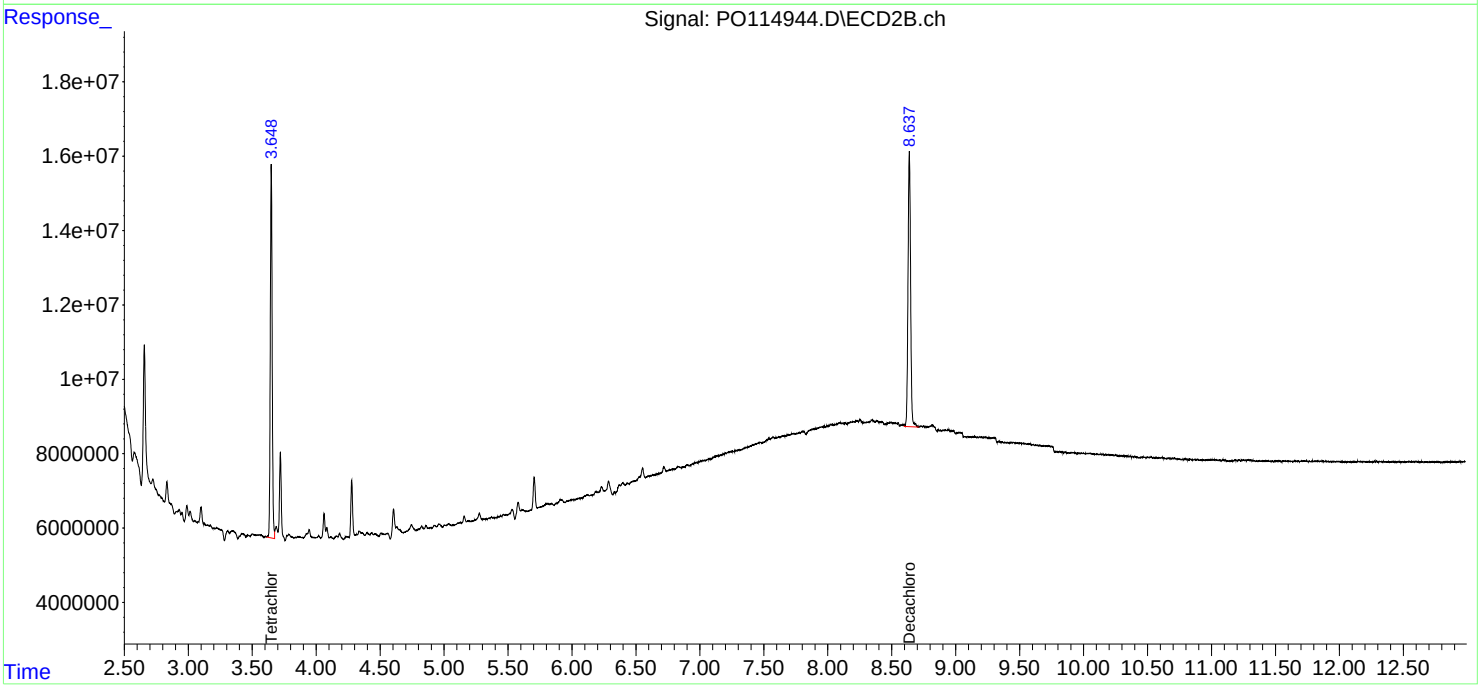
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:26
Operator : YP/AJ
Sample : Q3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

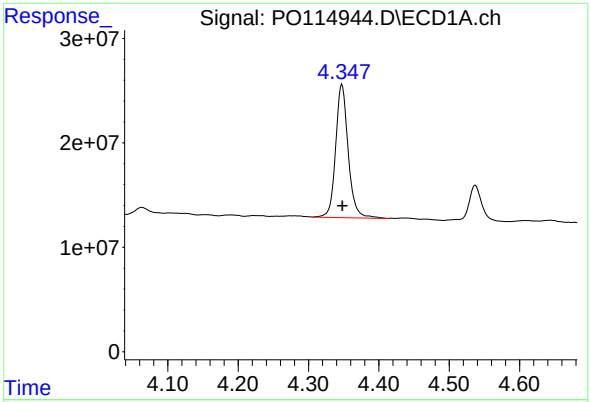
Instrument :
ECD_O
ClientSampleId :
MW-6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



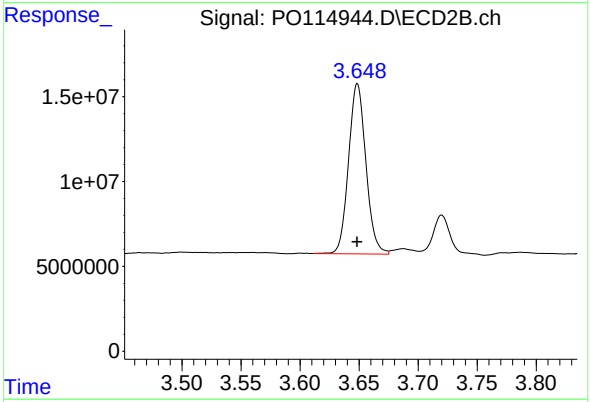




#1 Tetrachloro-m-xylene

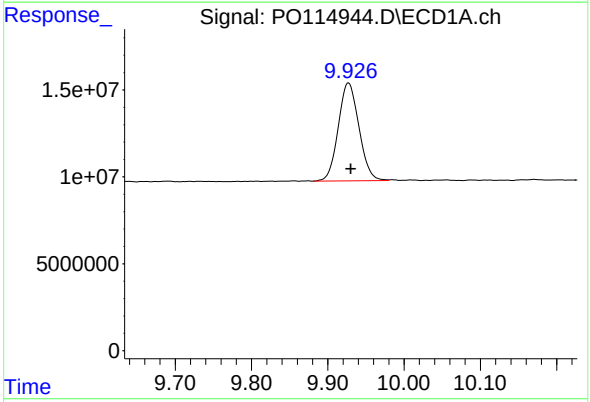
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 158174221
Conc: 22.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-6



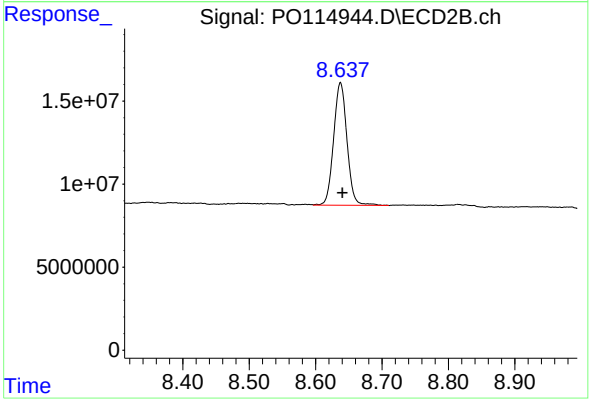
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 102578376
Conc: 22.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.927 min
Delta R.T.: -0.003 min
Response: 106062202
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 103308959
Conc: 26.46 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:44
Operator : YP/AJ
Sample : Q3534-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	170.3E6	110.9E6	24.192	24.831
2)	SA Decachlor...	9.928	8.639	109.6E6	107.2E6	24.795	27.448
	Target Compounds						

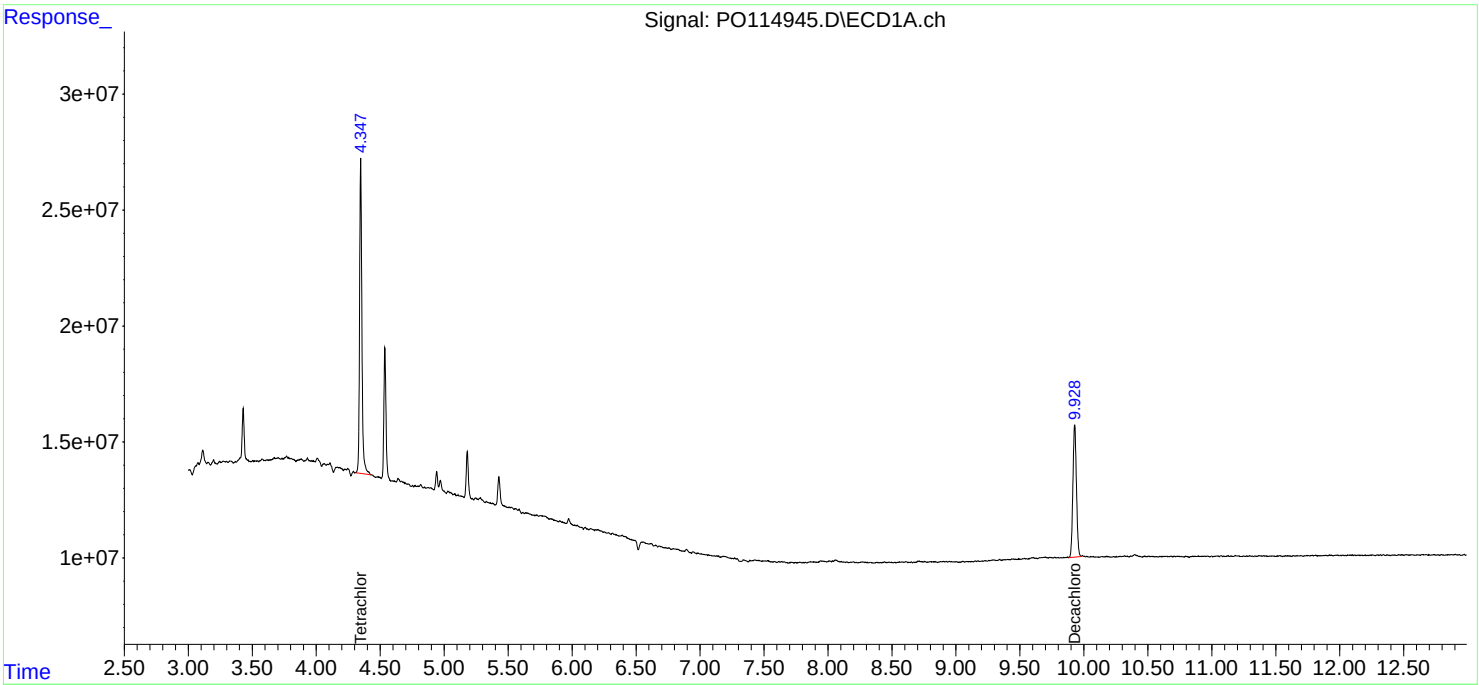
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

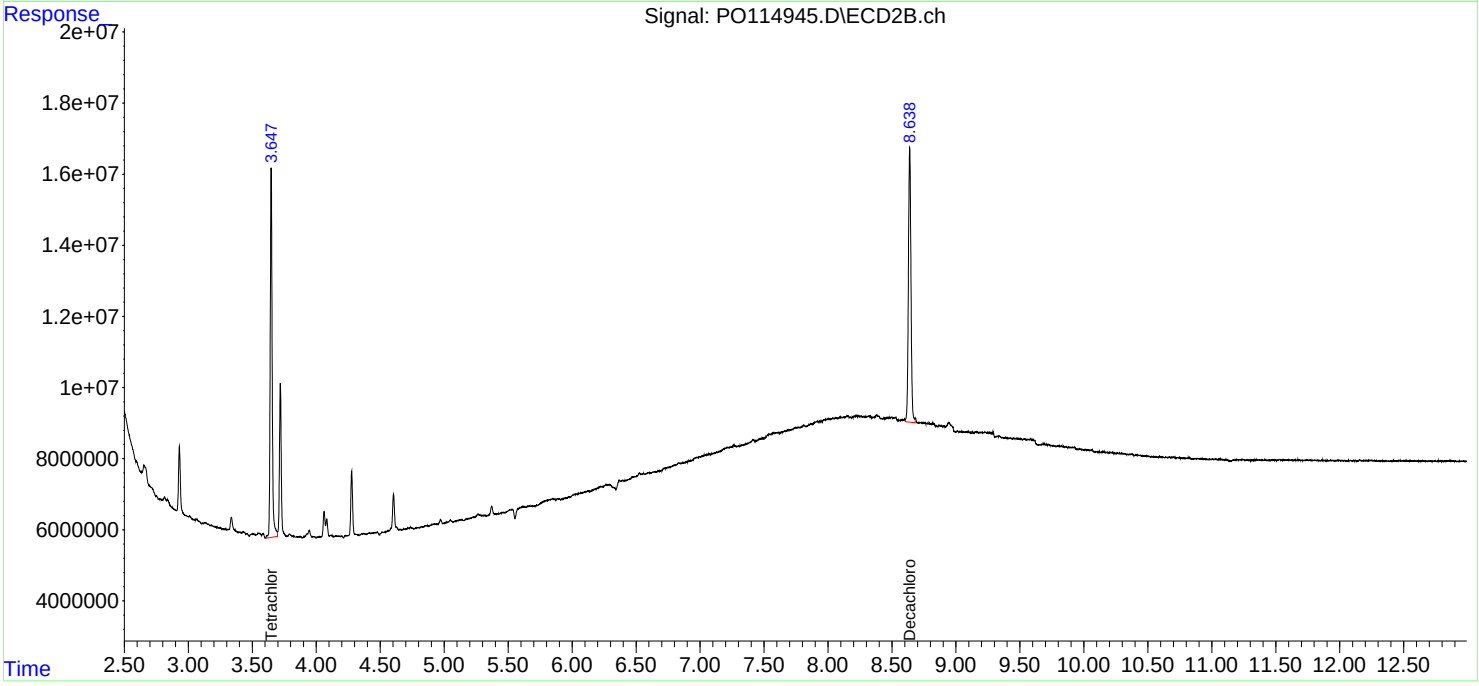
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:44
Operator : YP/AJ
Sample : Q3534-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

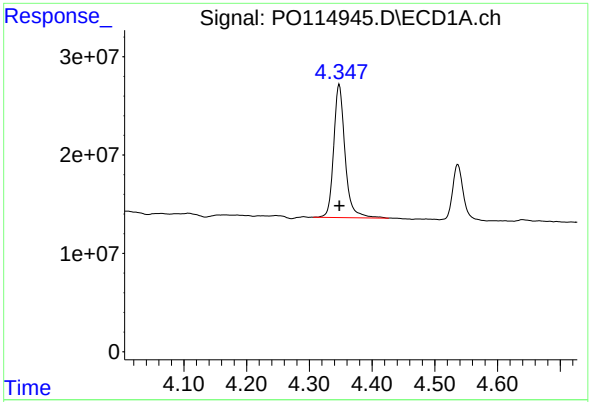
Instrument :
ECD_O
ClientSampleId :
MW-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



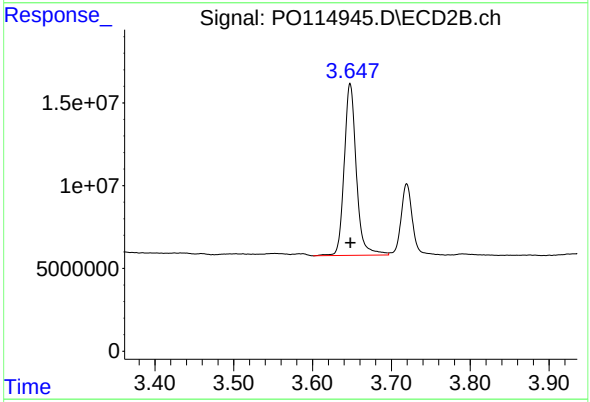




#1 Tetrachloro-m-xylene

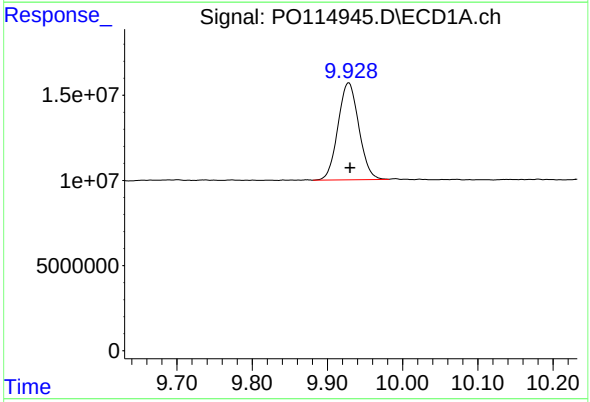
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 170268731
Conc: 24.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-1



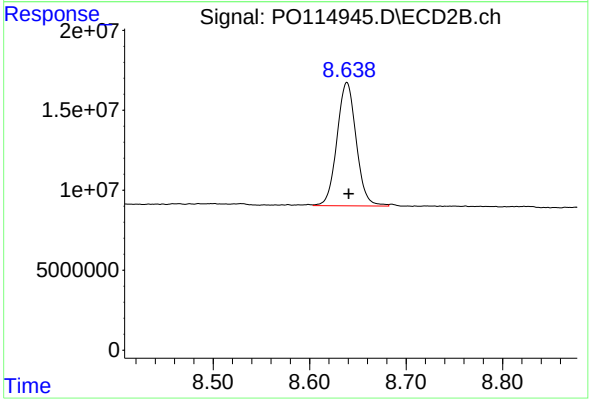
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 110915871
Conc: 24.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 109598943
Conc: 24.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 107151955
Conc: 27.45 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:03
Operator : YP/AJ
Sample : Q3534-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	155.3E6	99838558	22.059	22.351
2)	SA Decachlor...	9.930	8.639	102.7E6	98988523	23.244	25.357
	Target Compounds						

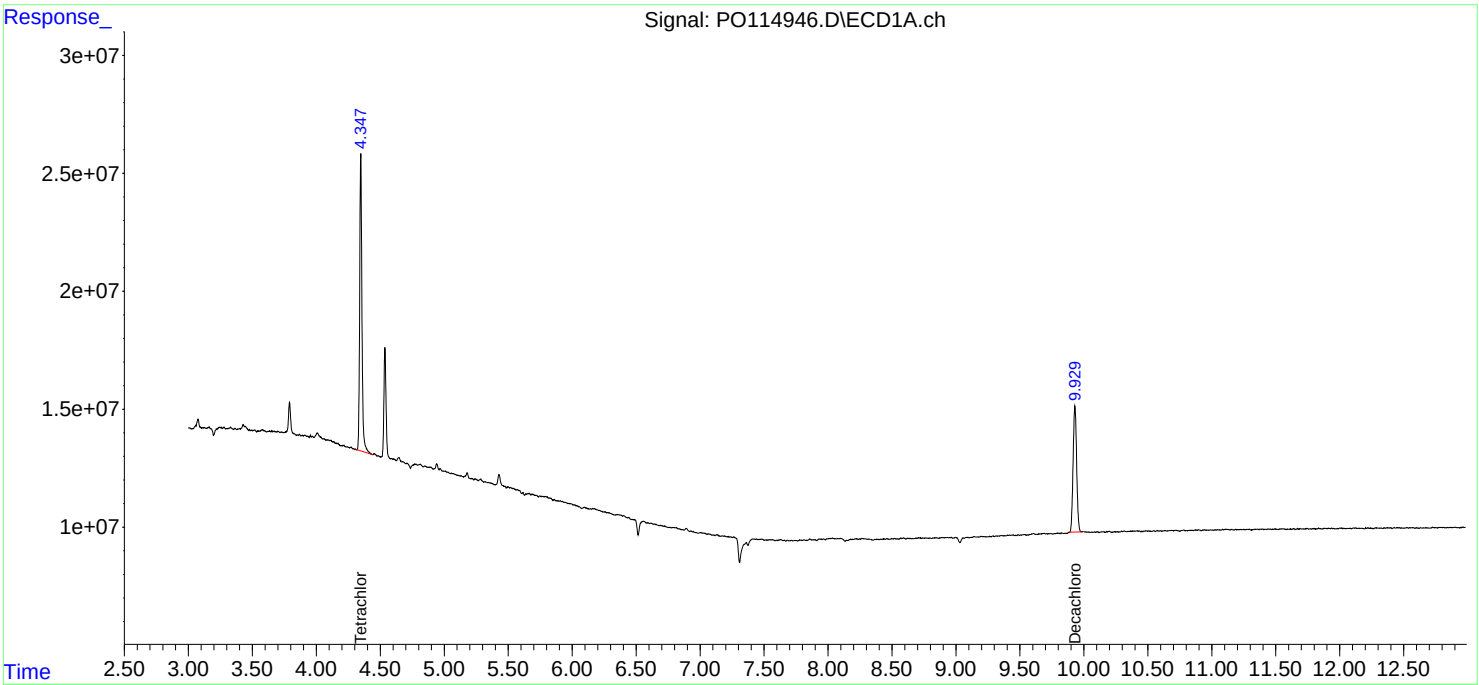
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

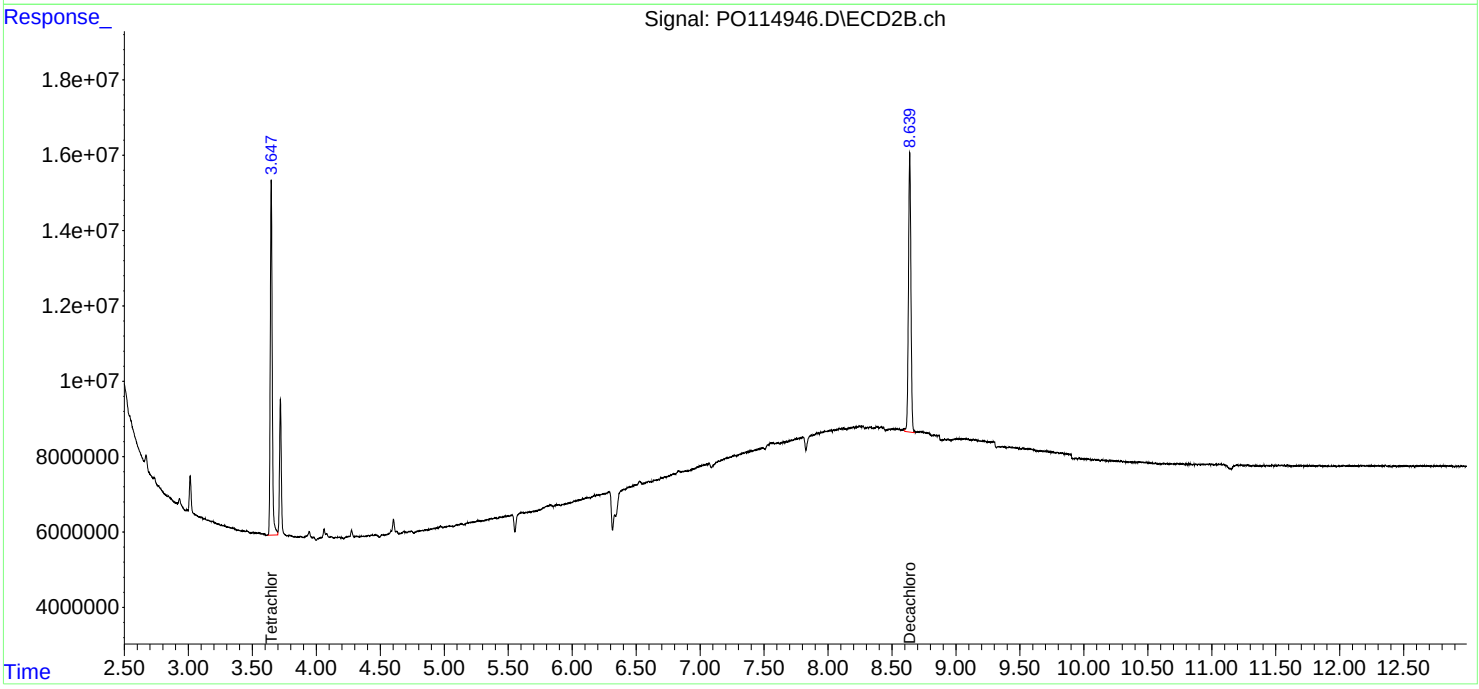
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:03
Operator : YP/AJ
Sample : Q3534-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

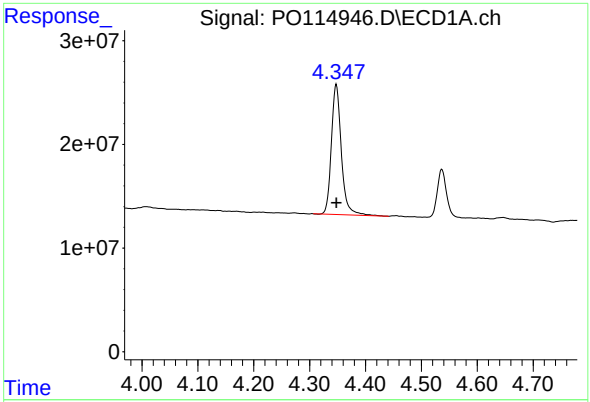
Instrument :
ECD_O
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



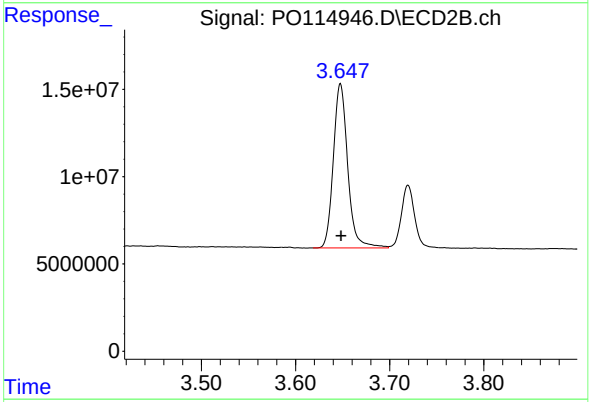




#1 Tetrachloro-m-xylene

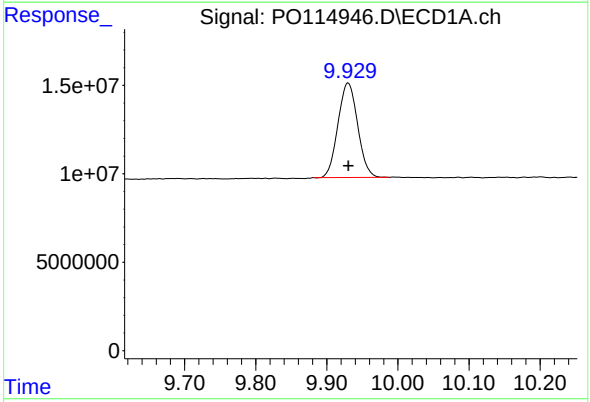
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 155251350
Conc: 22.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-11



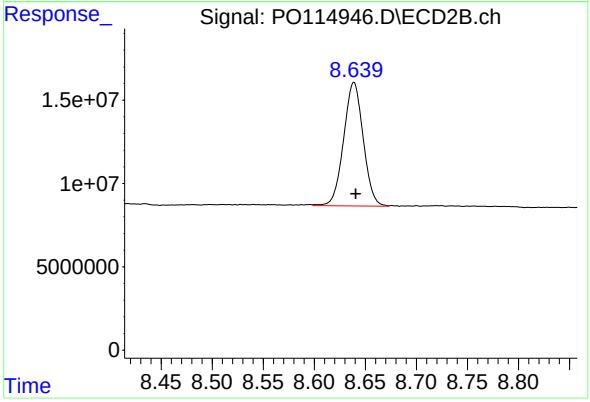
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 99838558
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 102745210
Conc: 23.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 98988523
Conc: 25.36 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:20
Operator : YP/AJ
Sample : Q3534-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.345	3.647	160.3E6	102.3E6	22.782	22.911
2)	SA Decachlor...	9.927	8.637	95344462	91041329	21.570	23.321
	Target Compounds						

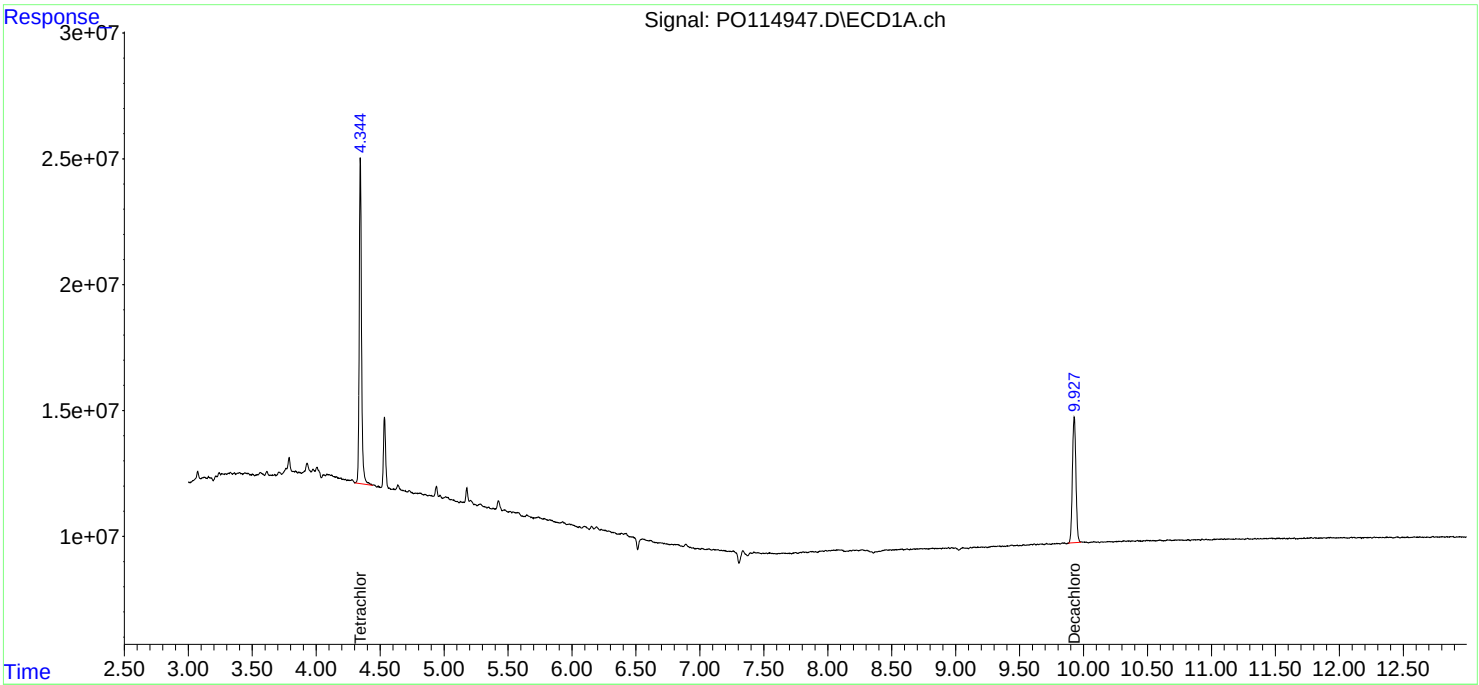
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

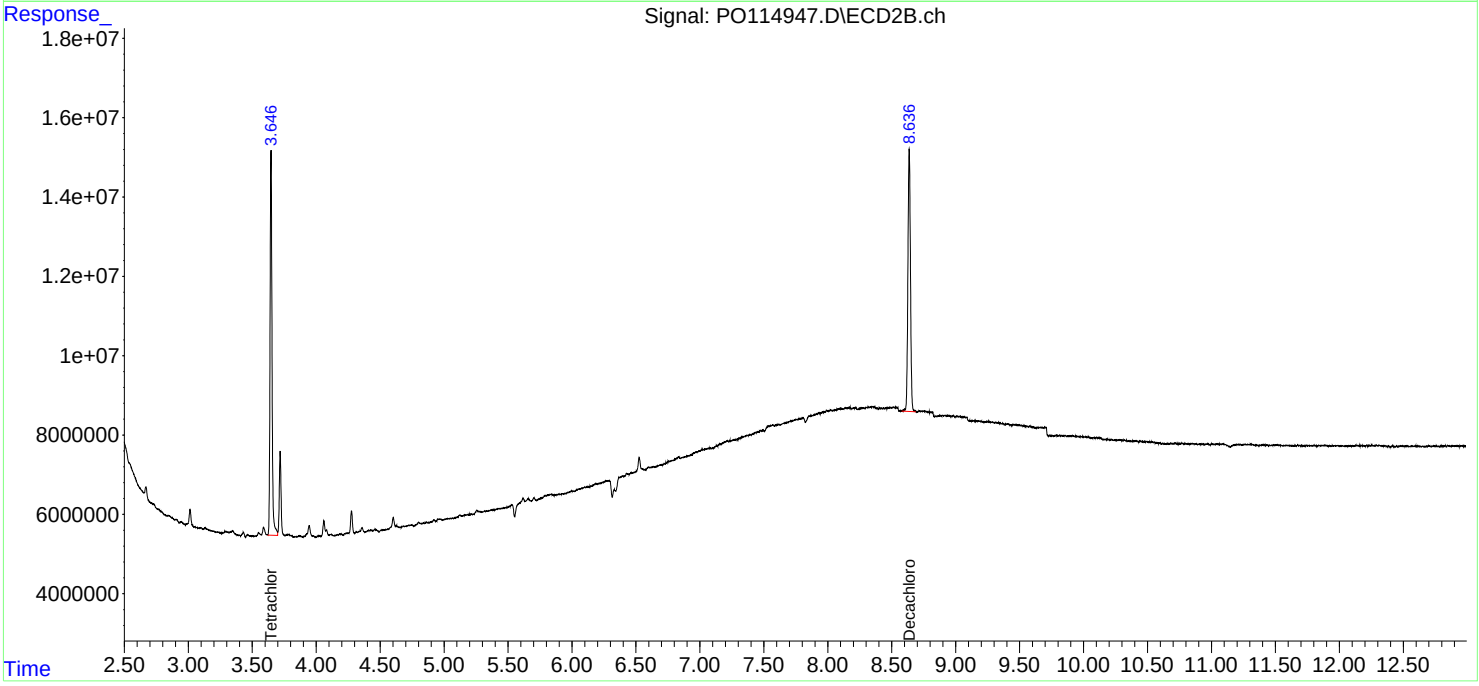
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:20
Operator : YP/AJ
Sample : Q3534-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

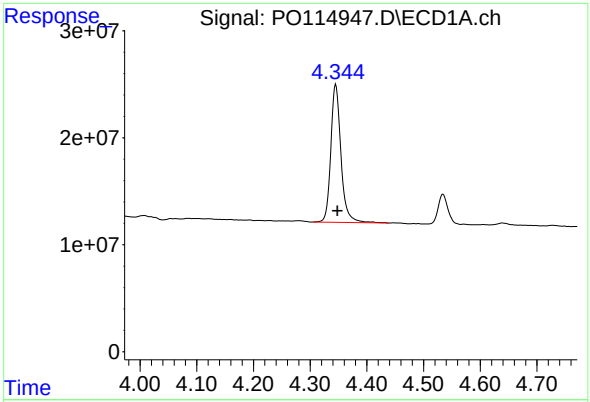
Instrument :
ECD_O
ClientSampleId :
MW-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



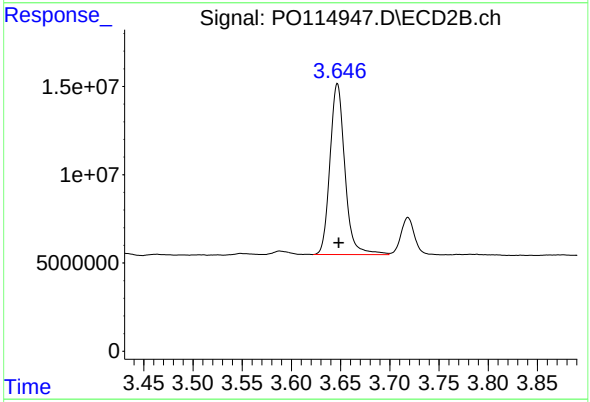




#1 Tetrachloro-m-xylene

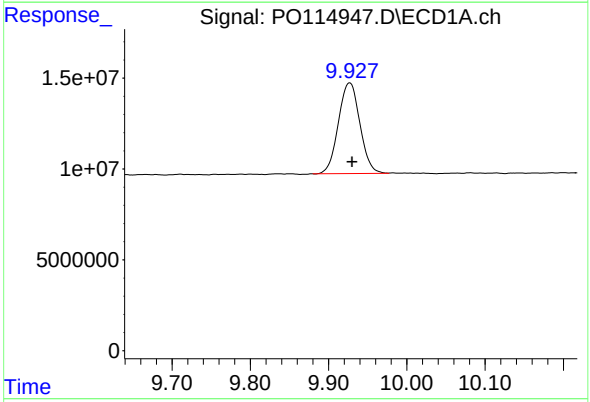
R.T.: 4.345 min
Delta R.T.: -0.003 min
Response: 160343805
Conc: 22.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-5



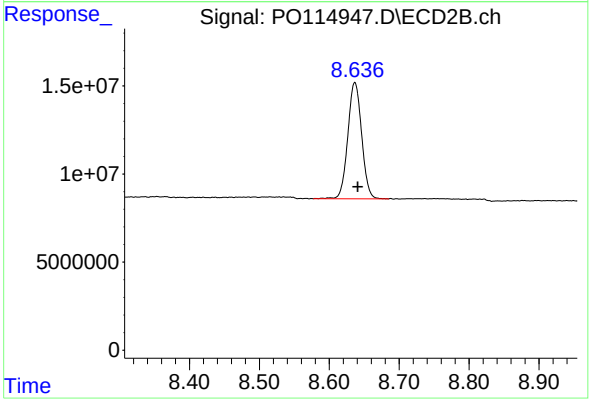
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.001 min
Response: 102338974
Conc: 22.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.927 min
Delta R.T.: -0.003 min
Response: 95344462
Conc: 21.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.004 min
Response: 91041329
Conc: 23.32 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:39
Operator : YP/AJ
Sample : Q3534-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:38:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.648	134.5E6	99901396	19.111	22.365
2)	SA Decachlor...	9.928	8.637	93848746	87226287	21.232	22.344
	Target Compounds						

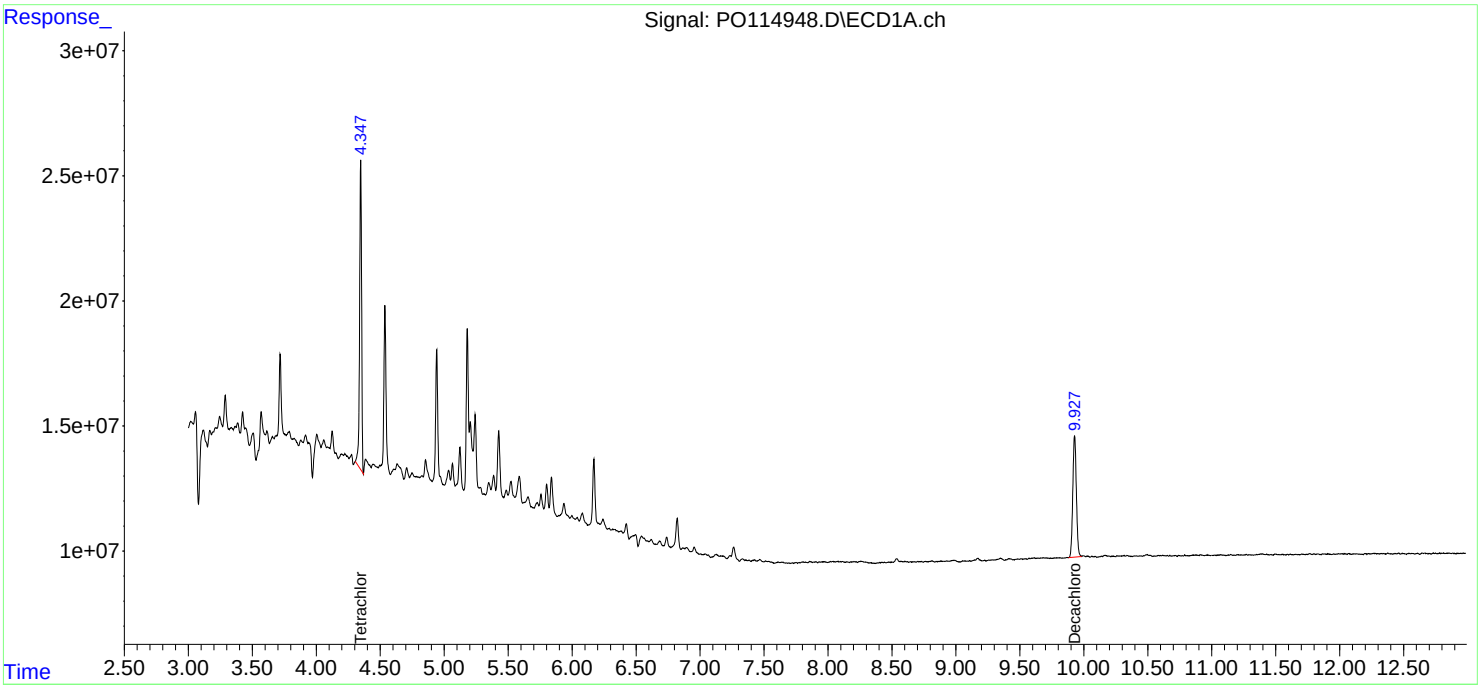
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

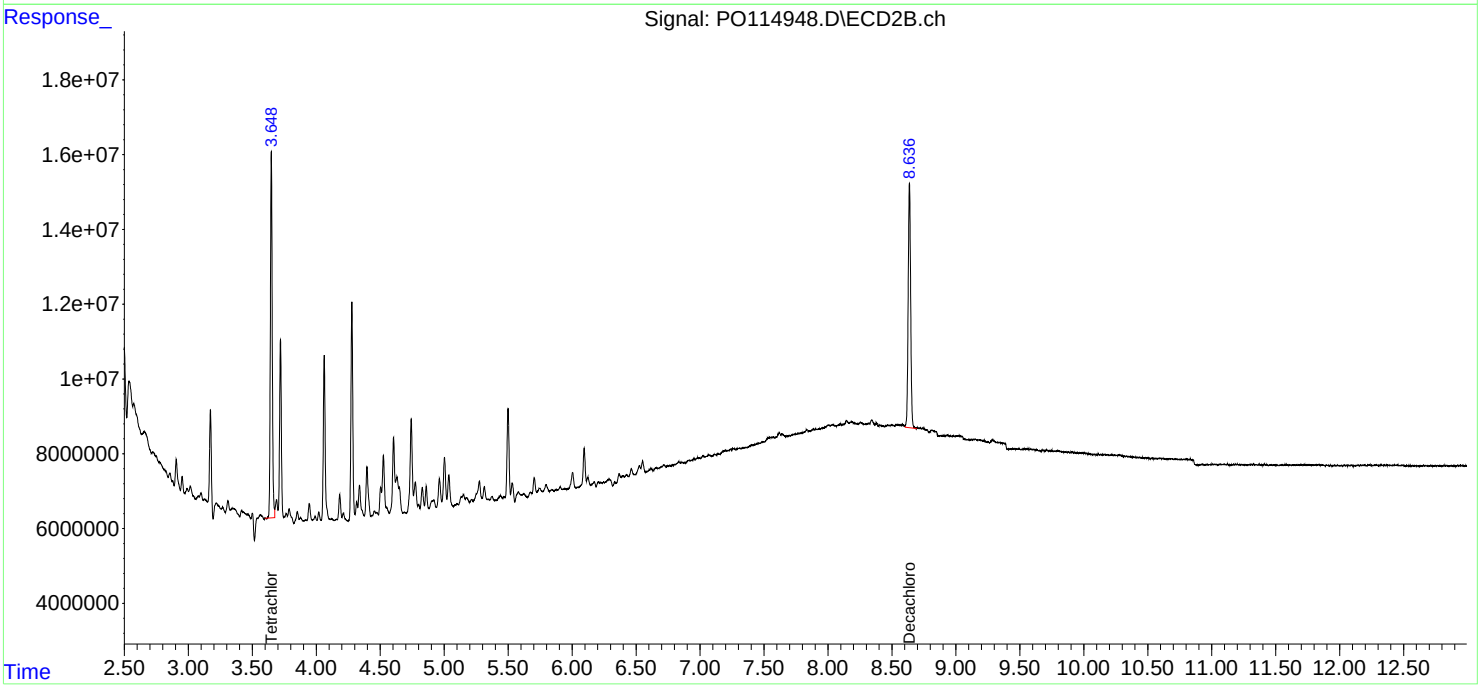
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:39
Operator : YP/AJ
Sample : Q3534-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

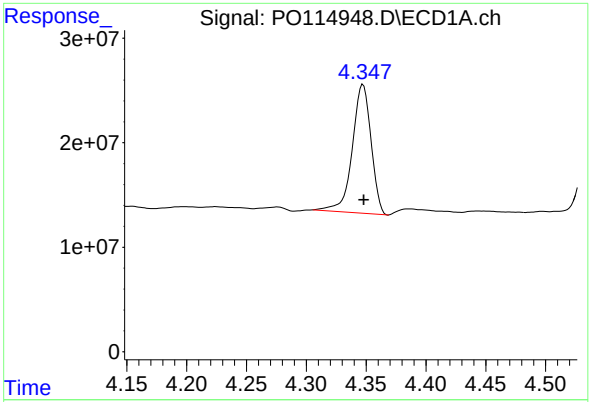
Instrument :
ECD_O
ClientSampleId :
MW-EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:38:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



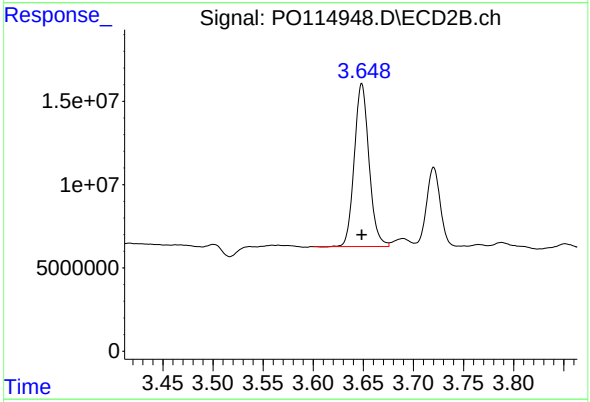




#1 Tetrachloro-m-xylene

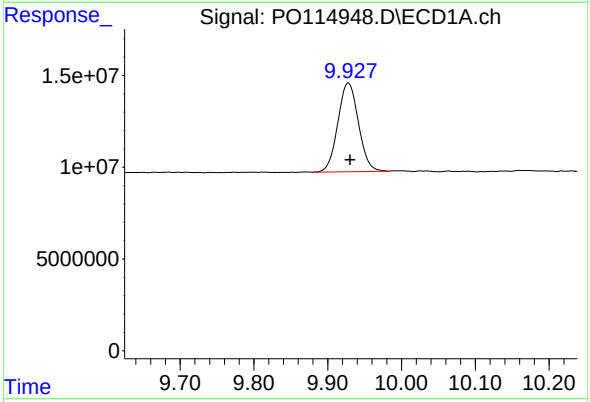
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 134508671
Conc: 19.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-EB-1



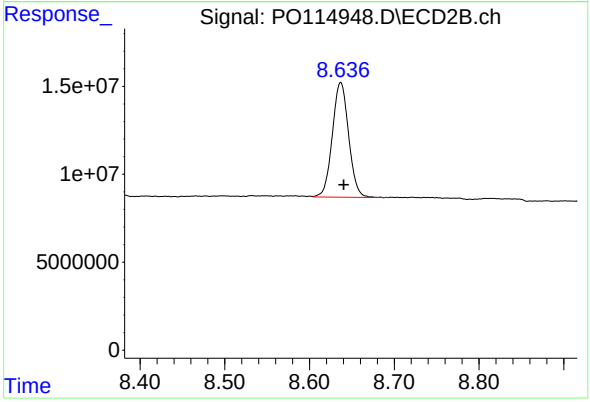
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 99901396
Conc: 22.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 93848746
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.004 min
Response: 87226287
Conc: 22.34 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:57
Operator : YP/AJ
Sample : Q3534-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:38:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.647	151.4E6	99157421	21.509	22.199
2)	SA Decachlor...	9.930	8.637	73192778	73319517	16.559	18.781
	Target Compounds						

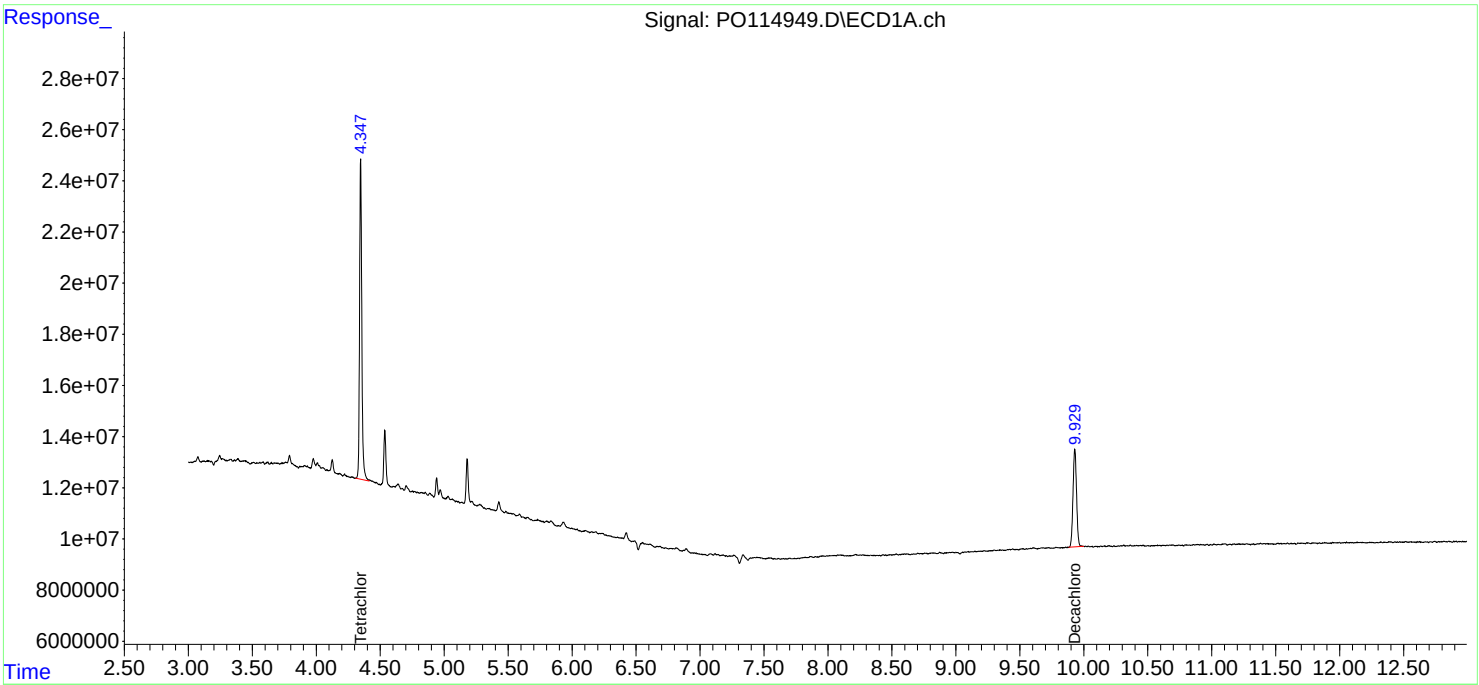
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

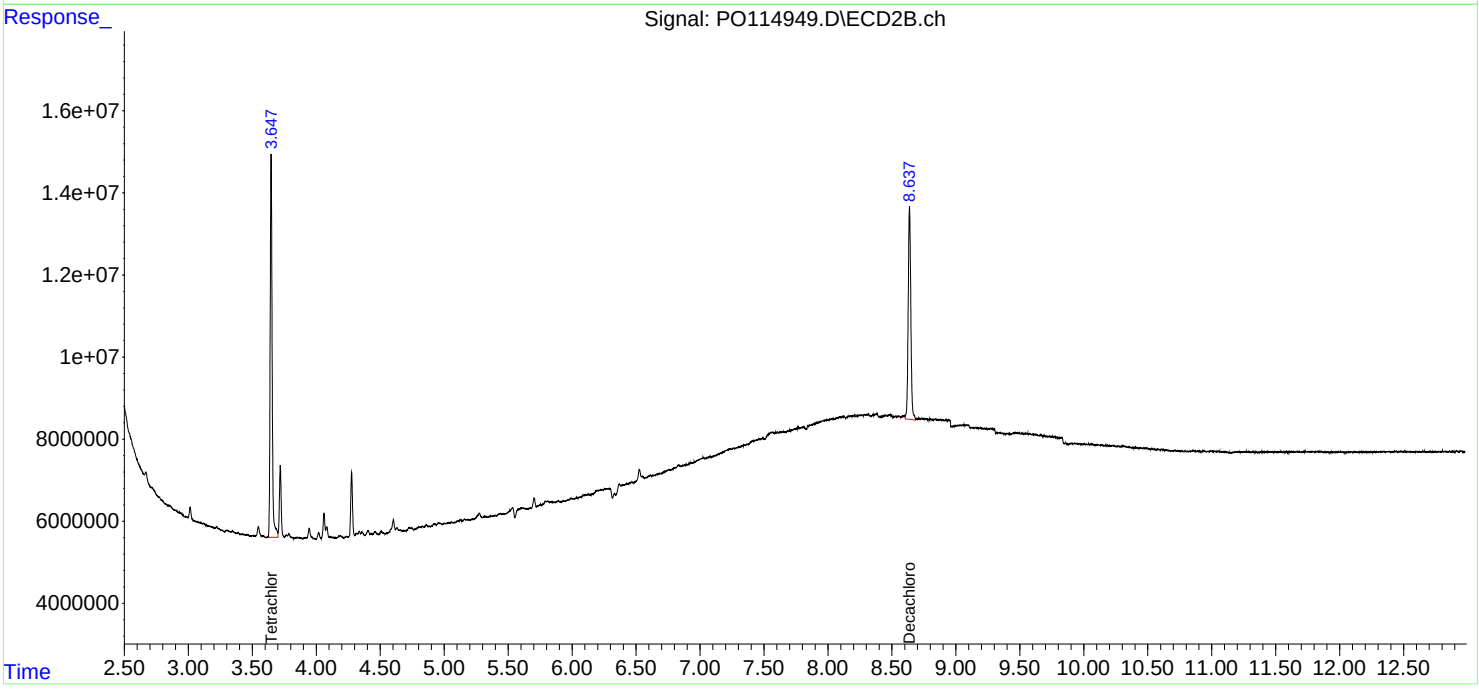
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:57
Operator : YP/AJ
Sample : Q3534-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

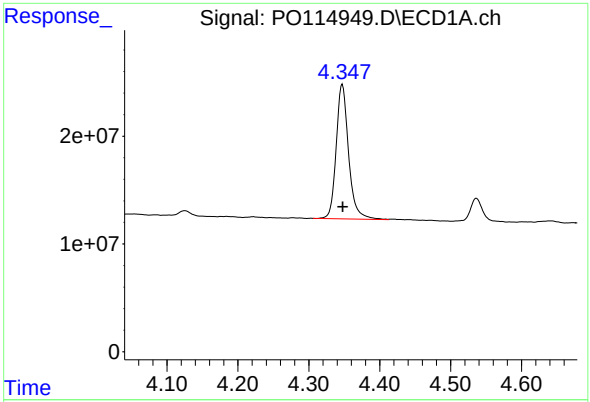
Instrument :
ECD_O
ClientSampleId :
MW-EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:38:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



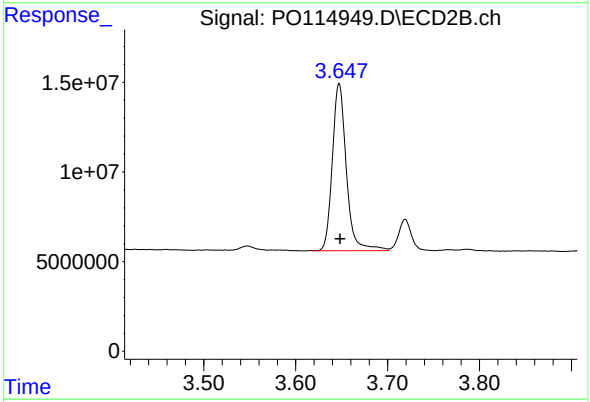




#1 Tetrachloro-m-xylene

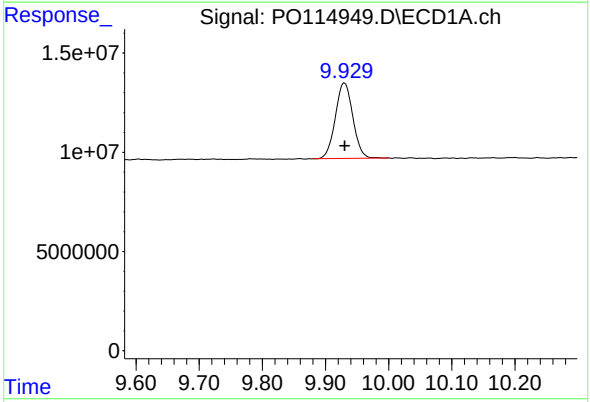
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 151386275
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-EB-2



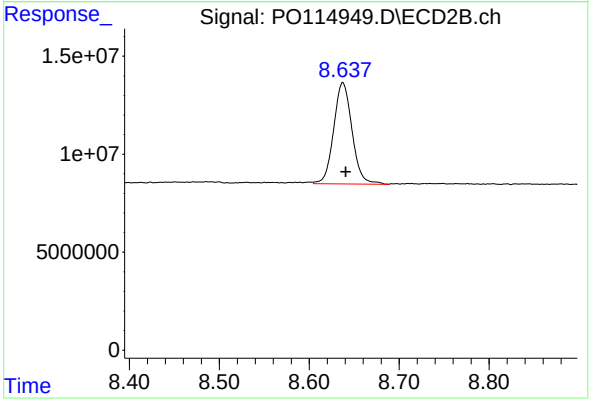
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: 0.000 min
Response: 99157421
Conc: 22.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 73192778
Conc: 16.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 73319517
Conc: 18.78 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110725\
Data File : PO114963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 11:39
Operator : YP/AJ
Sample : Q3534-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MW-EB-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:48:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.648	168.2E6	106.6E6	23.900	23.862
2)	SA Decachlor...	9.932	8.638	105.3E6	100.0E6	23.821	25.616
	Target Compounds						

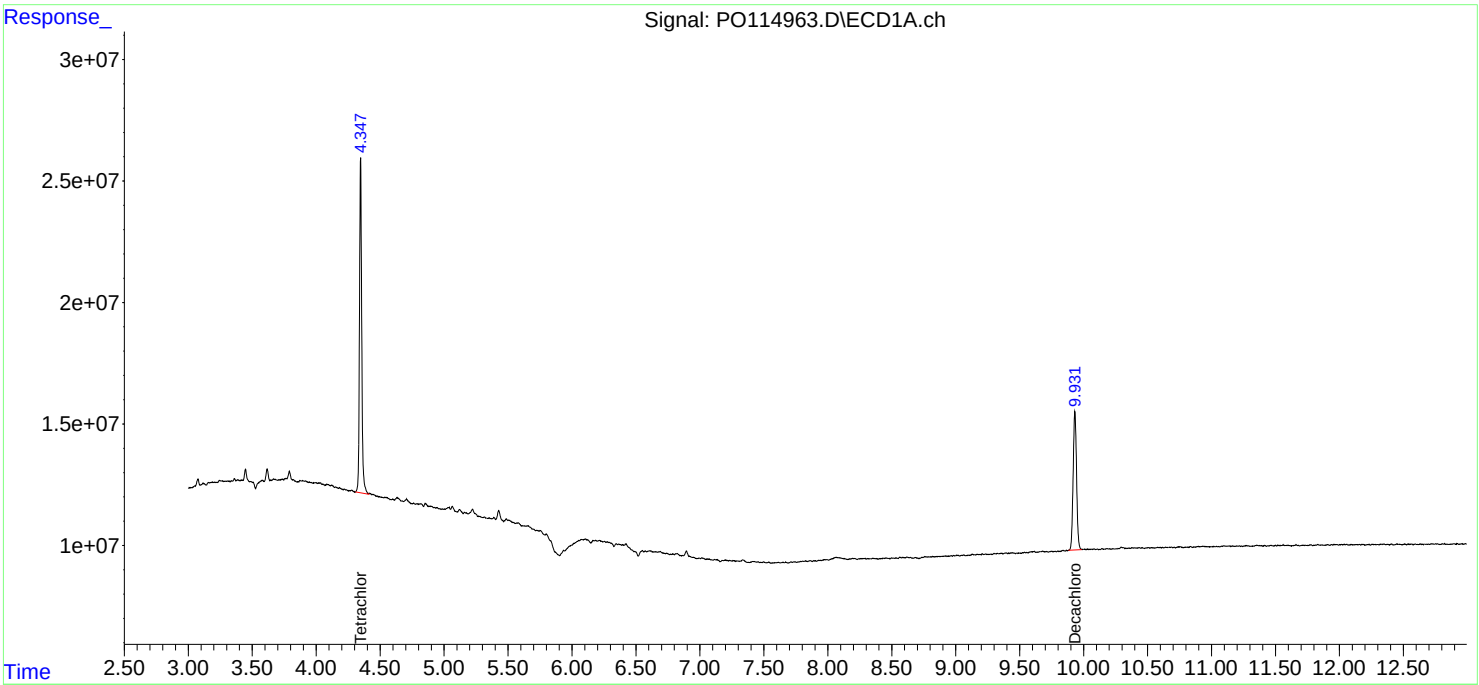
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

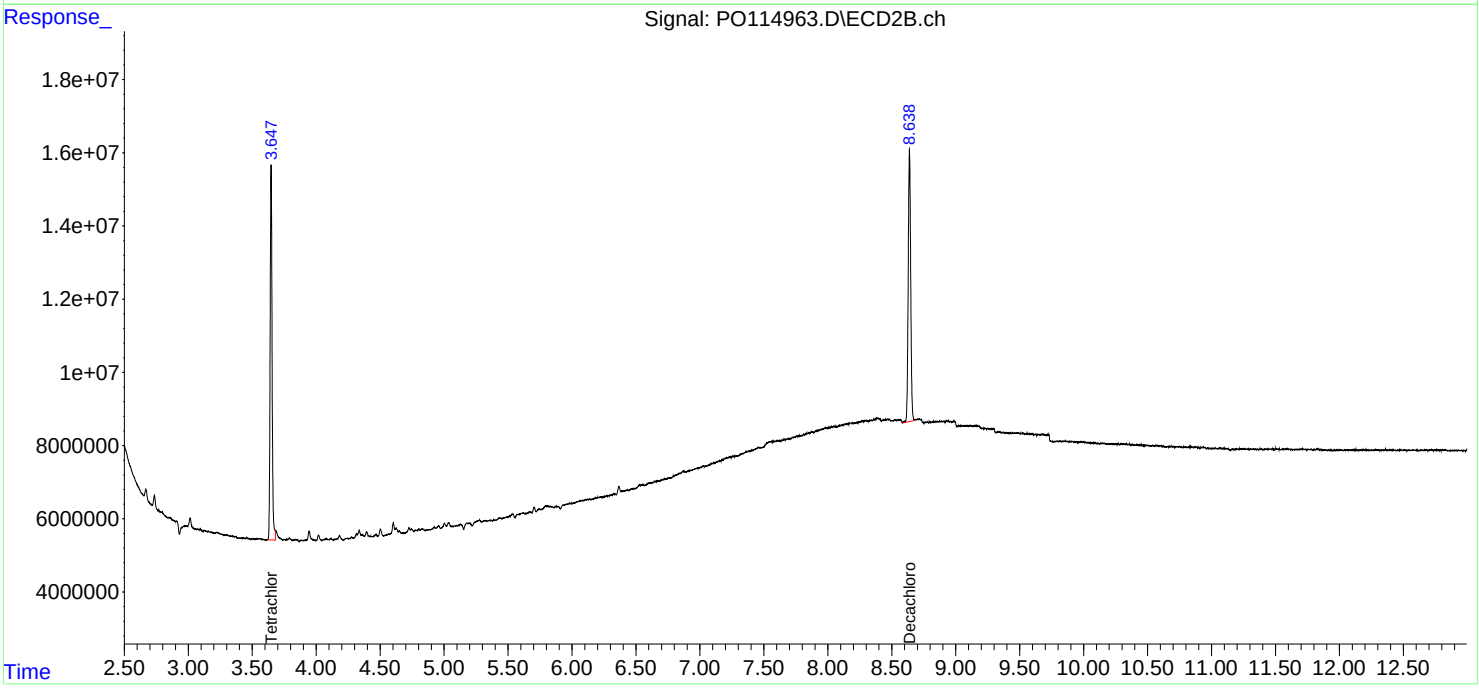
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110725\
Data File : PO114963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 11:39
Operator : YP/AJ
Sample : Q3534-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

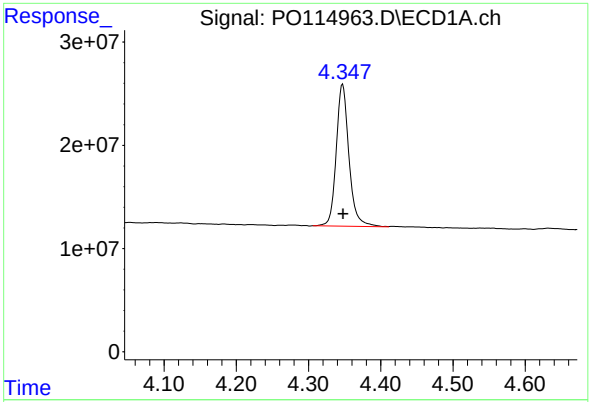
Instrument :
ECD_O
ClientSampleId :
MW-EB-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:48:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



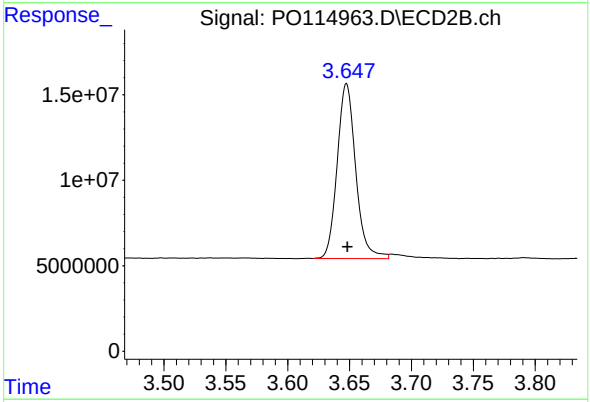




#1 Tetrachloro-m-xylene

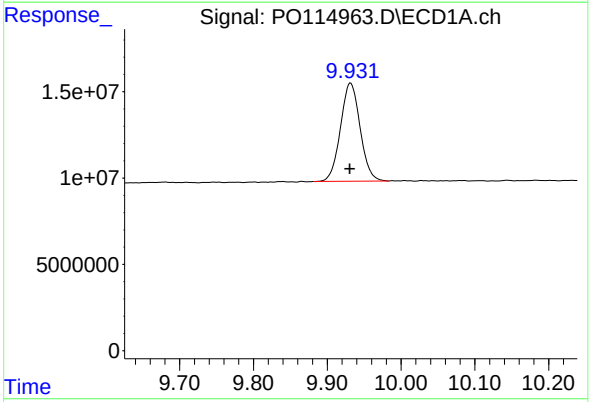
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 168214181
Conc: 23.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
MW-EB-3



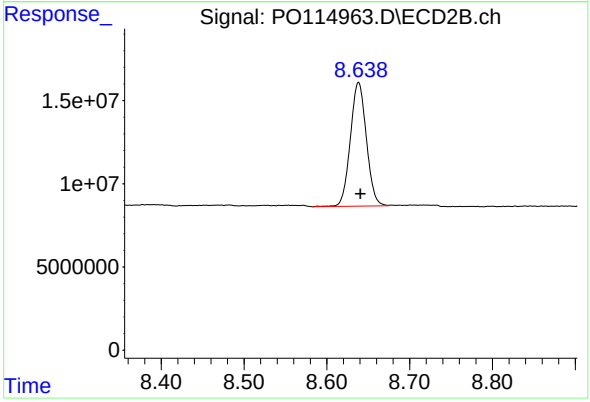
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 106588151
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.001 min
Response: 105293206
Conc: 23.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.638 min
Delta R.T.: -0.002 min
Response: 100000155
Conc: 25.62 ng/ml

Sample Results: **PP076357.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:23
Operator : YP\AJ
Sample : Q3534-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
FB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:25:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.638	3.777	41310789	188.1E6	28.907	28.416m
2)	SA Decachlor...	10.405	8.773	26619178	179.1E6	24.727	21.786
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076357.D**

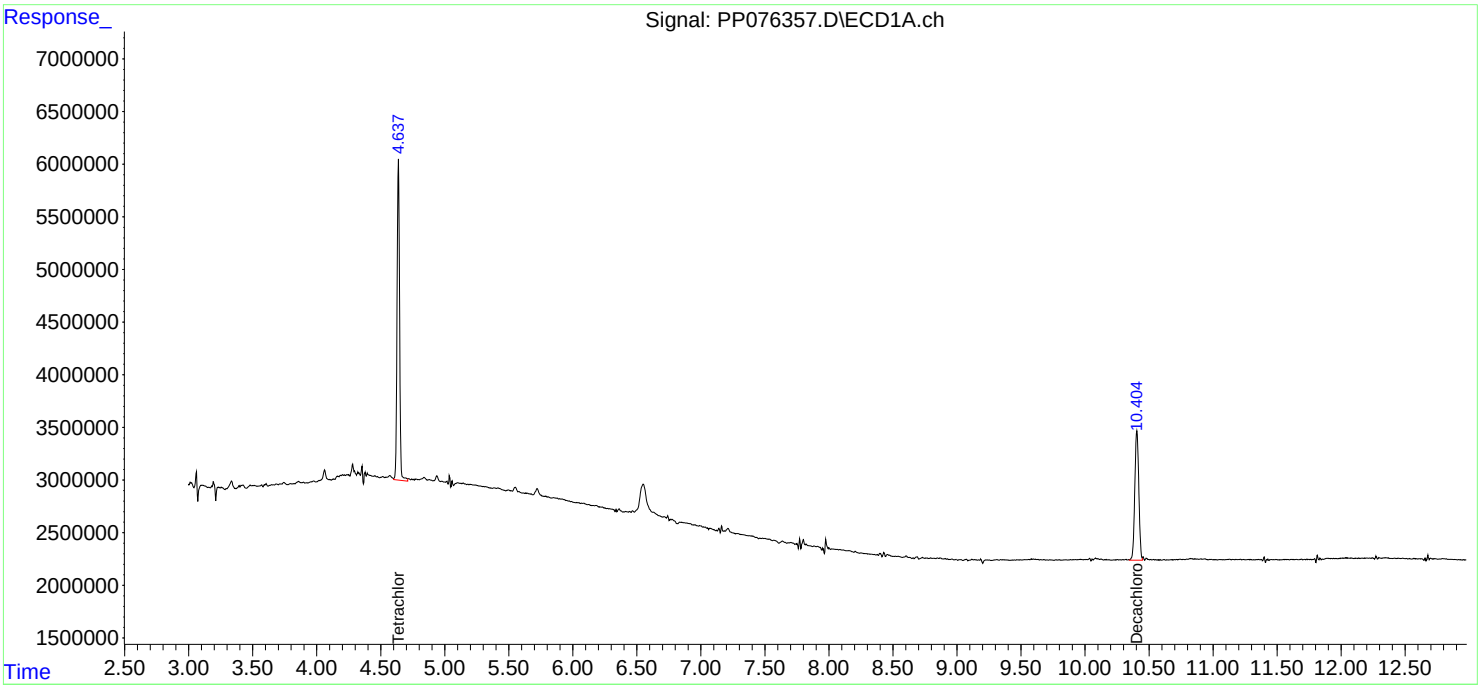
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:23
Operator : YP\AJ
Sample : Q3534-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

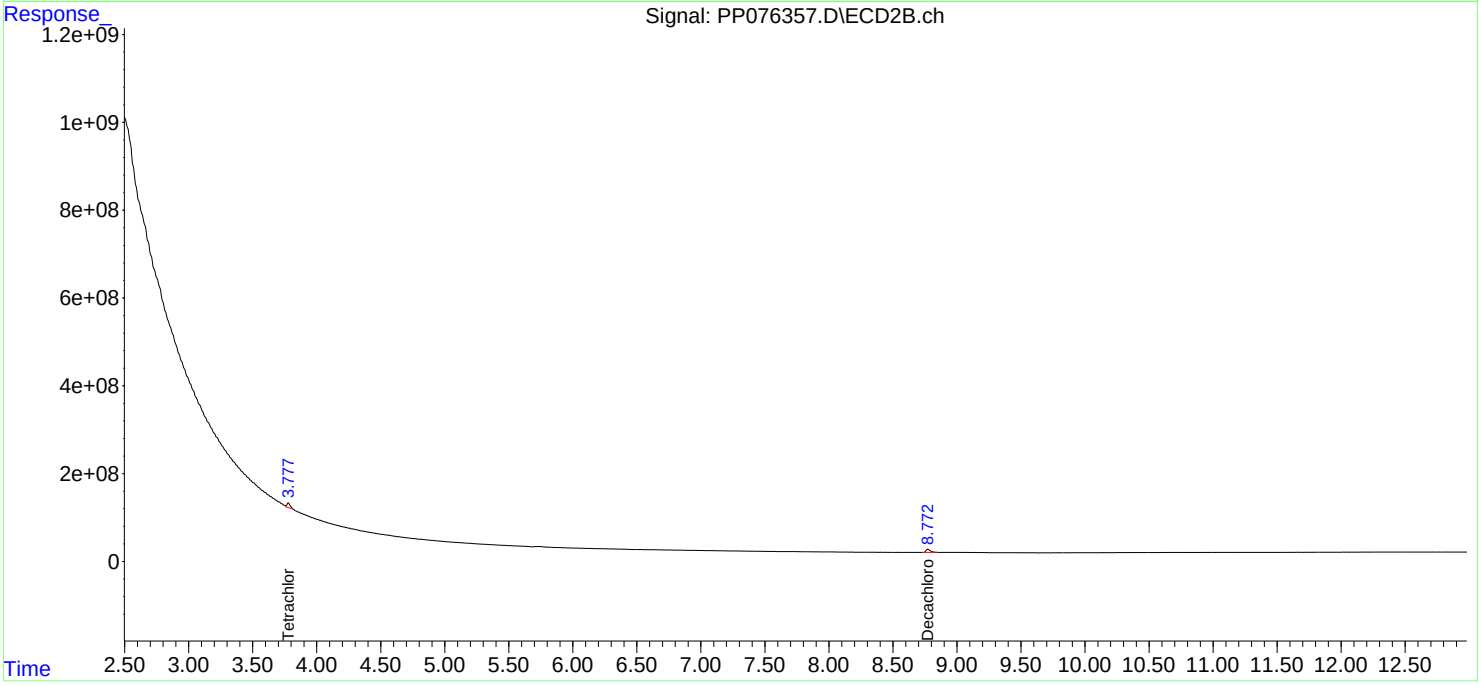
Instrument :
ECD_P
ClientSampleId :
FB-1

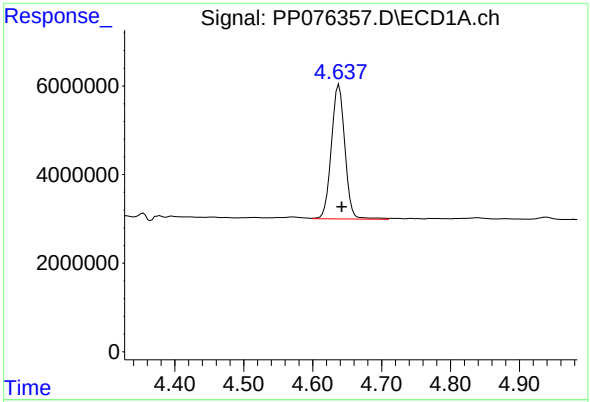
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:25:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







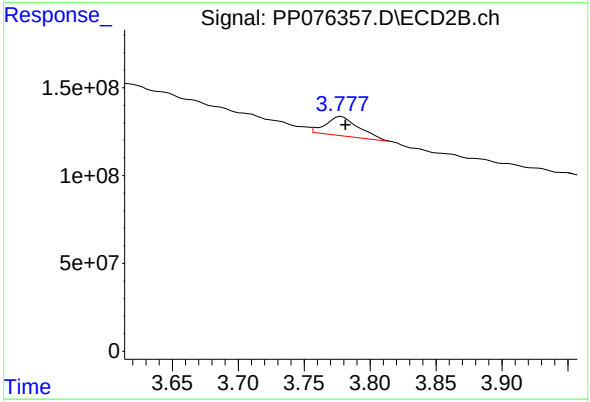
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 41310789
Conc: 28.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
FB-1

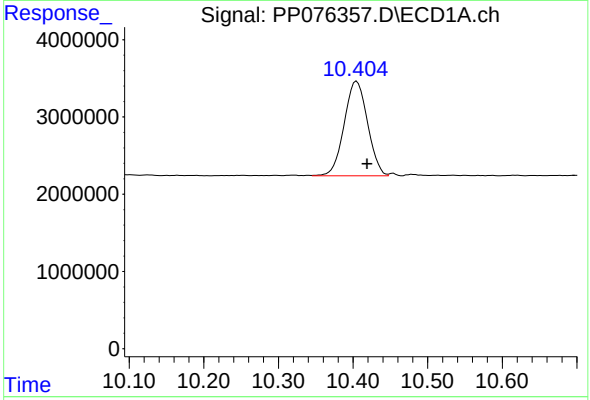
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



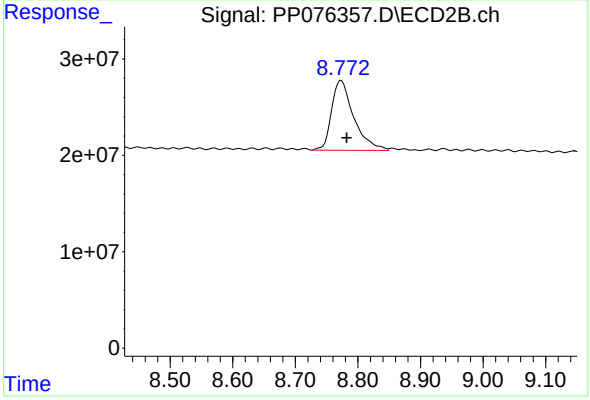
#1 Tetrachloro-m-xylene

R.T.: 3.777 min
Delta R.T.: -0.004 min
Response: 188067718
Conc: 28.42 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 26619178
Conc: 24.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 179148755
Conc: 21.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:39
Operator : YP\AJ
Sample : Q3534-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
EB-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.639	3.777	46611336	194.5E6	32.616	29.389m
2)	SA Decachlor...	10.407	8.774	28325713	192.2E6	26.312	23.372
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076358.D**

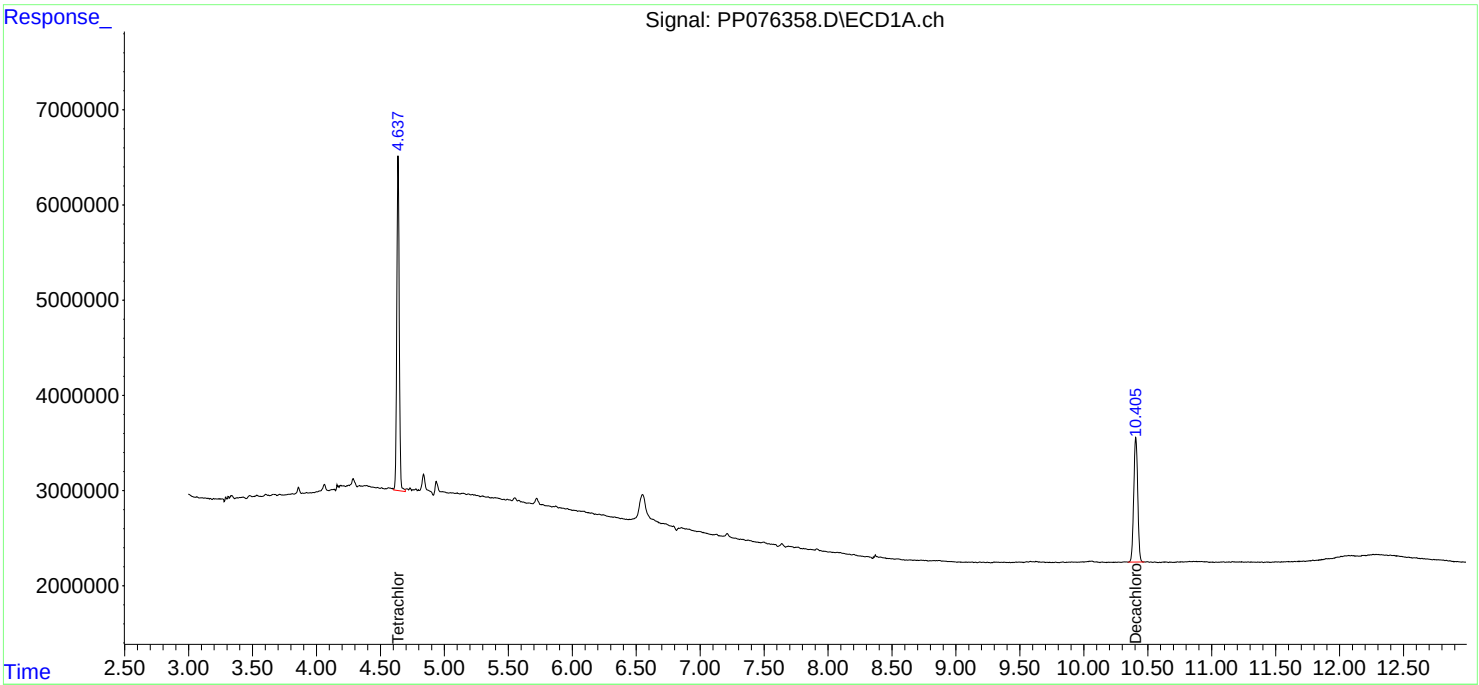
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:39
Operator : YP\AJ
Sample : Q3534-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

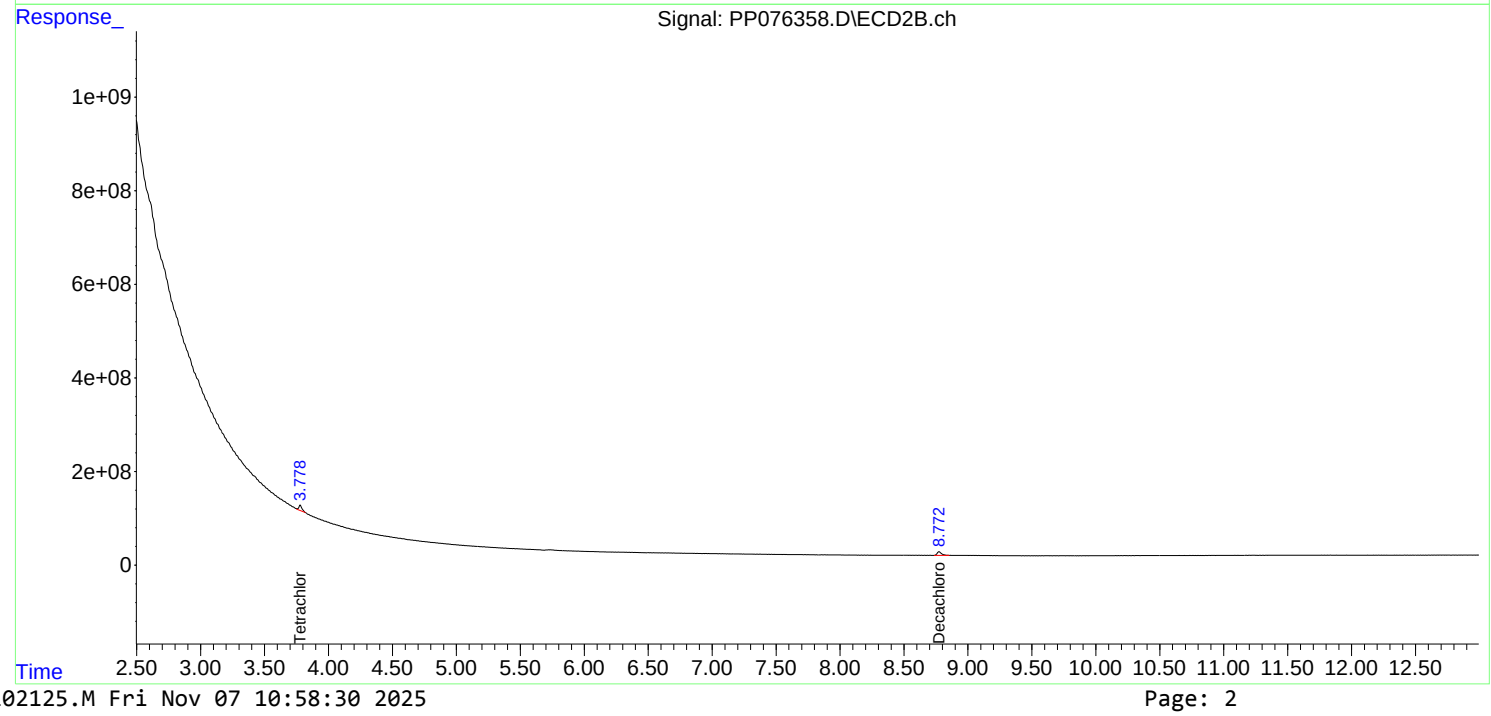
Instrument :
ECD_P
ClientSampleId :
EB-1

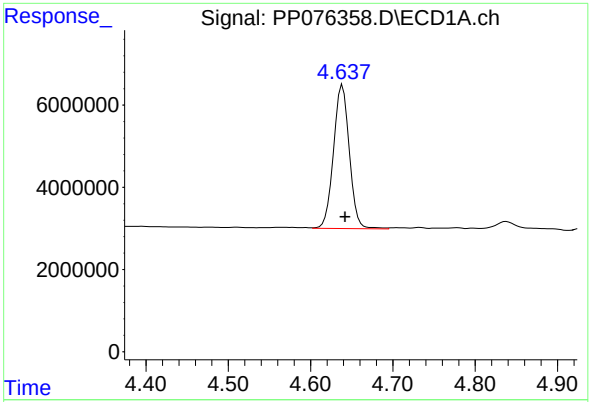
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







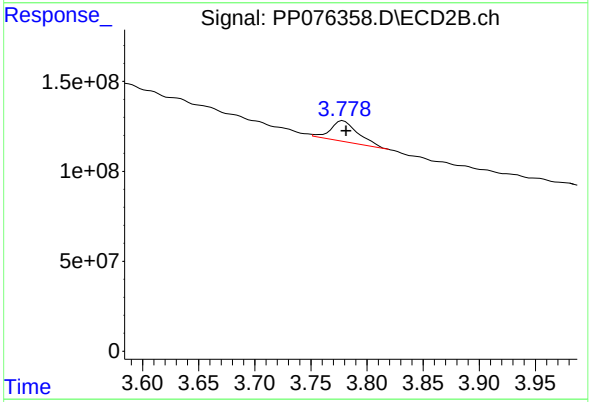
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 46611336
Conc: 32.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
EB-1

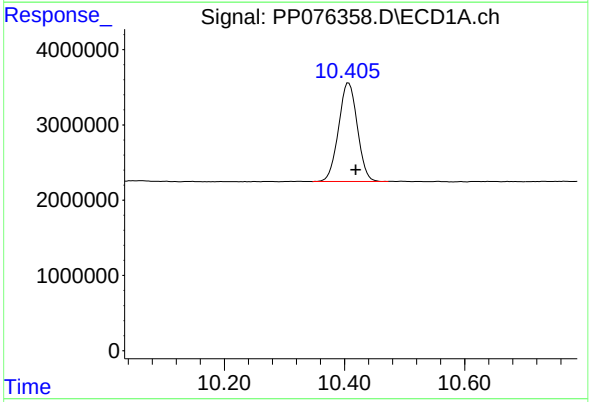
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



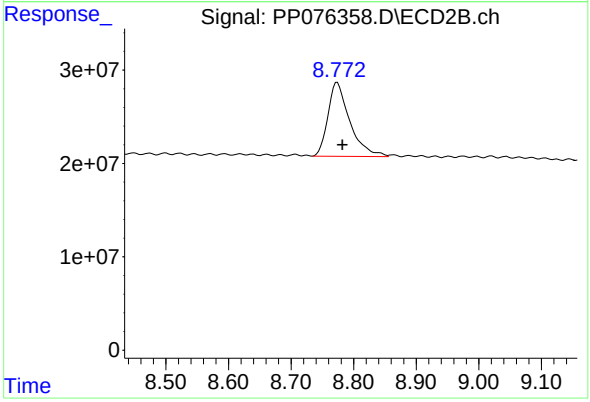
#1 Tetrachloro-m-xylene

R.T.: 3.777 min
Delta R.T.: -0.004 min
Response: 194503954
Conc: 29.39 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.012 min
Response: 28325713
Conc: 26.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 192188491
Conc: 23.37 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : YP/AJ
Sample : PB170425BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170425BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	143.9E6	91775633	20.453	20.546
2)	SA Decachlor...	9.931	8.639	93823936	89846853	21.226	23.015
	Target Compounds						

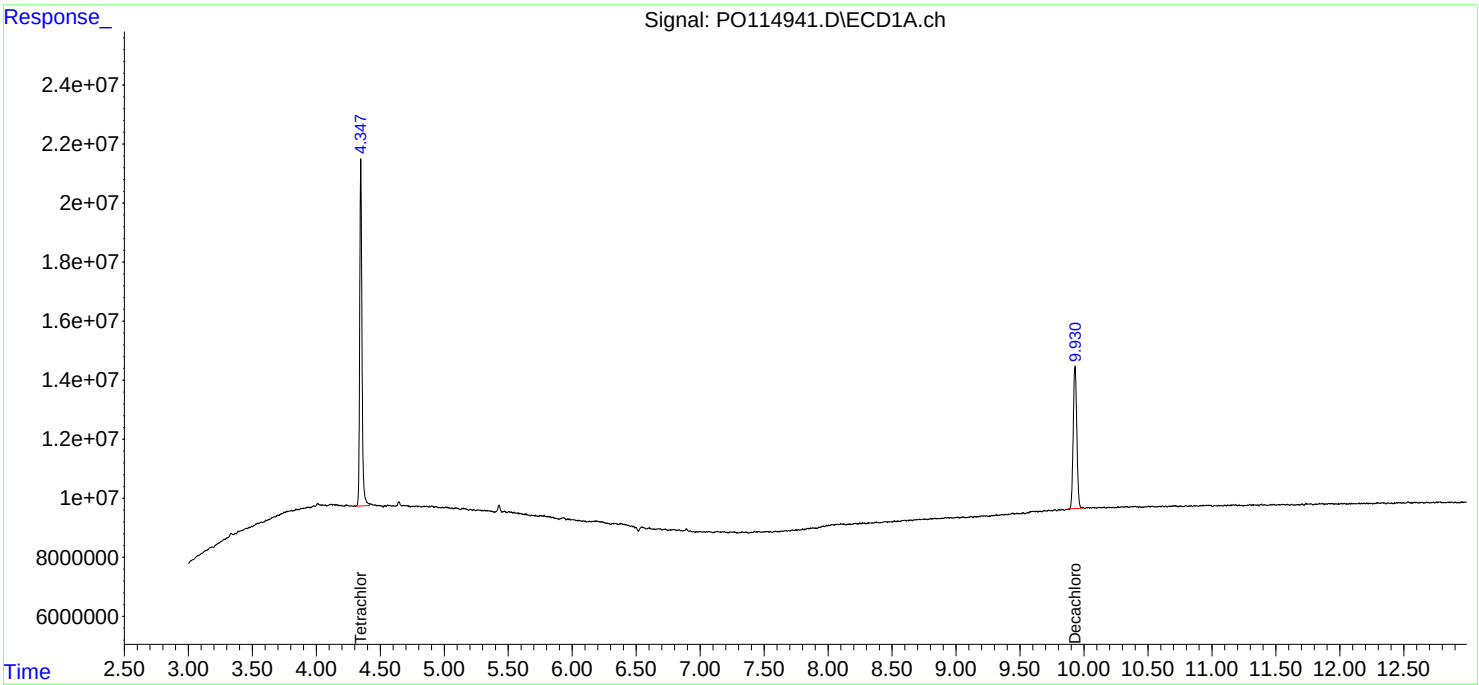
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

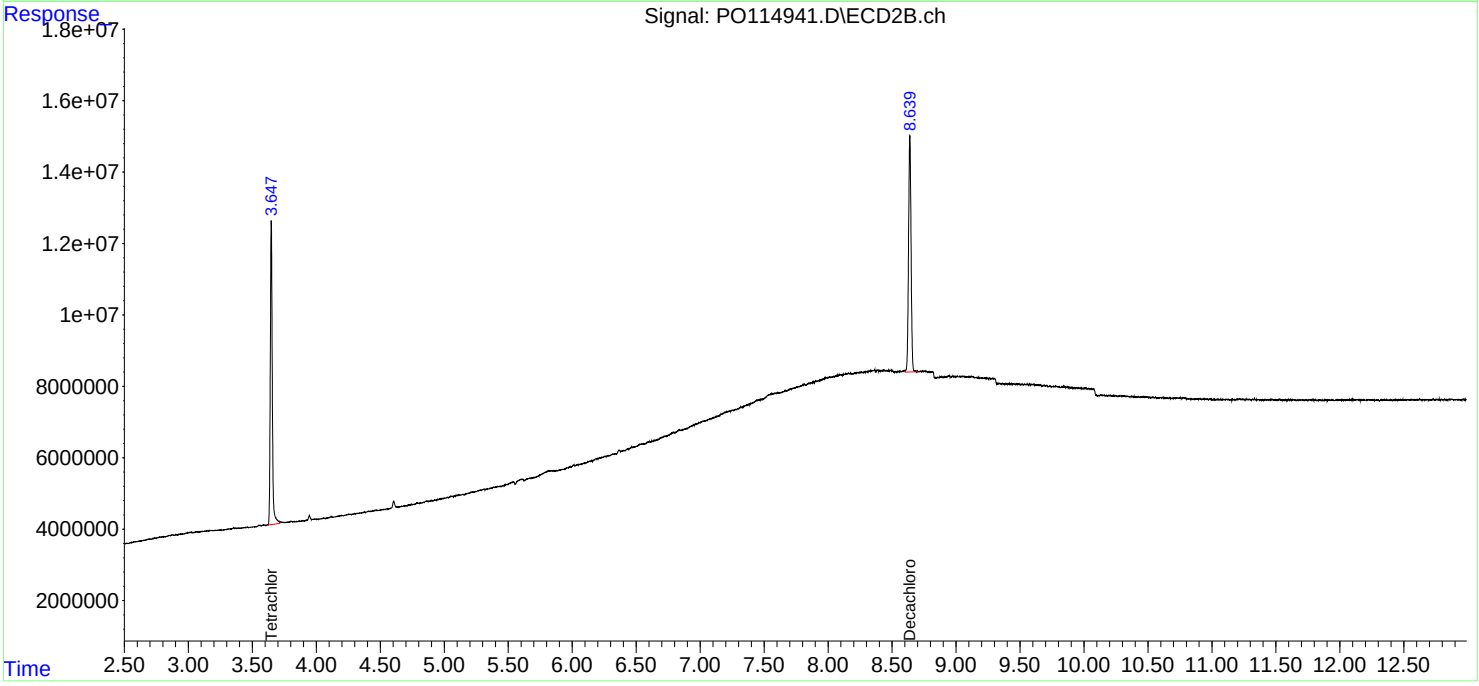
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : YP/AJ
Sample : PB170425BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

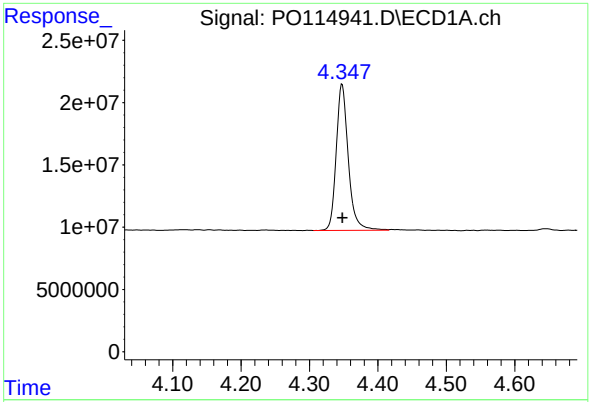
Instrument :
ECD_O
ClientSampleId :
PB170425BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



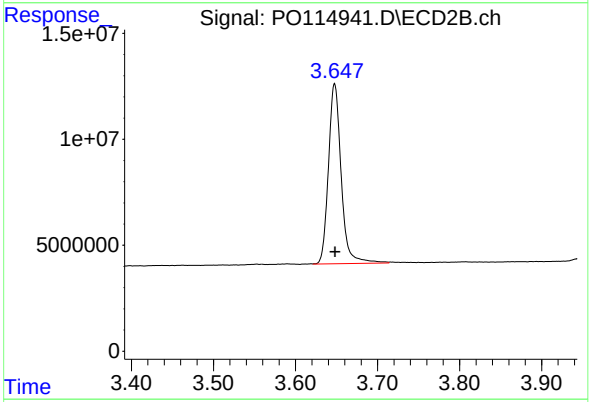




#1 Tetrachloro-m-xylene

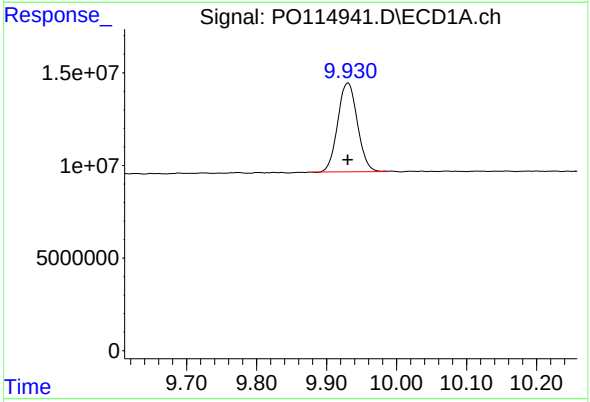
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 143949782
Conc: 20.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170425BL



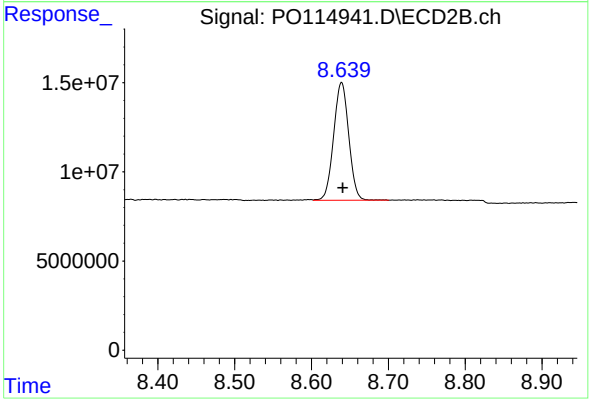
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 91775633
Conc: 20.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 93823936
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 89846853
Conc: 23.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:50
Operator : YP/AJ
Sample : PB170425BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170425BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.647	149.6E6	88358215	21.250	19.781
2)	SA Decachlor...	9.930	8.639	96922052	91607653	21.927	23.466
	Target Compounds						
3)	L1 AR-1016-1	5.486	4.727	110.6E6	81659454	449.710	429.209
4)	L1 AR-1016-2	5.508	4.746	175.7E6	117.9E6	442.551	435.096
5)	L1 AR-1016-3	5.570	4.920	102.5E6	63954410	459.589	432.203
6)	L1 AR-1016-4	5.665	4.963	85541096	49725582	452.898	423.493
7)	L1 AR-1016-5	5.957	5.174	77536715	63826844	435.118	417.952
31)	L7 AR-1260-1	7.071	6.205	135.7E6	130.5E6	444.121	440.844
32)	L7 AR-1260-2	7.324	6.392	188.1E6	189.7E6	475.173	441.117
33)	L7 AR-1260-3	7.682	6.544	130.4E6	153.4E6	393.058	436.959
34)	L7 AR-1260-4	7.904	7.015	126.6E6	118.7E6	414.909	391.648
35)	L7 AR-1260-5	8.210	7.256	284.6E6	323.9E6	398.994	394.187

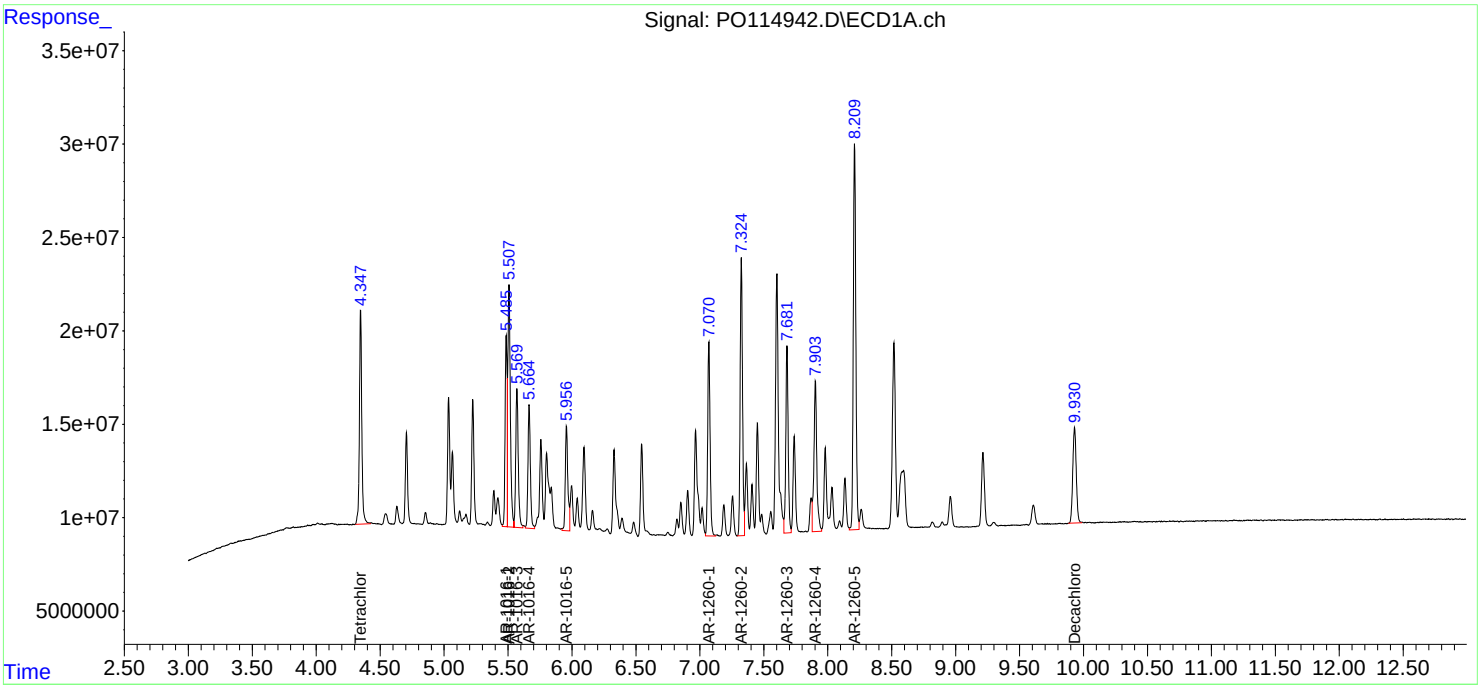
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

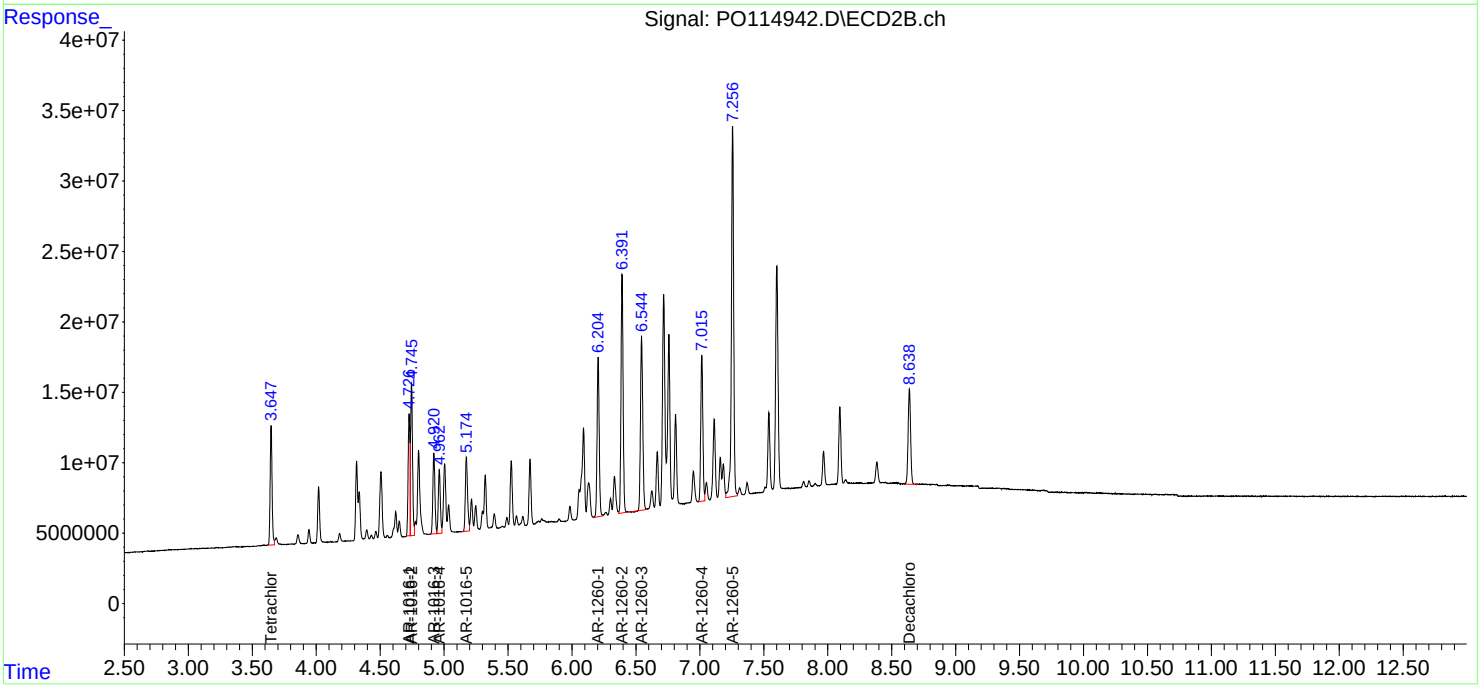
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:50
Operator : YP/AJ
Sample : PB170425BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170425BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:08
Operator : YP/AJ
Sample : PB170425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170425BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.344	3.646	152.0E6	90431578	21.590	20.245
2)	SA Decachlor...	9.926	8.637	98857066	92639578	22.365	23.730
	Target Compounds						
3)	L1 AR-1016-1	5.483	4.725	111.6E6	80915333	453.746	425.298
4)	L1 AR-1016-2	5.505	4.744	175.2E6	115.3E6	441.239	425.710
5)	L1 AR-1016-3	5.567	4.918	102.9E6	64381435	461.577	435.089
6)	L1 AR-1016-4	5.662	4.960	85128922	50175003	450.715	427.320
7)	L1 AR-1016-5	5.954	5.172	77180123	64056423	433.117	419.455
31)	L7 AR-1260-1	7.068	6.203	137.6E6	130.3E6	450.248	440.197
32)	L7 AR-1260-2	7.322	6.390	182.1E6	188.4E6	459.972	438.004
33)	L7 AR-1260-3	7.679	6.543	131.0E6	154.8E6	394.726	440.899
34)	L7 AR-1260-4	7.901	7.014	126.1E6	118.7E6	413.441	391.772
35)	L7 AR-1260-5	8.208	7.255	282.7E6	323.1E6	396.426	393.277

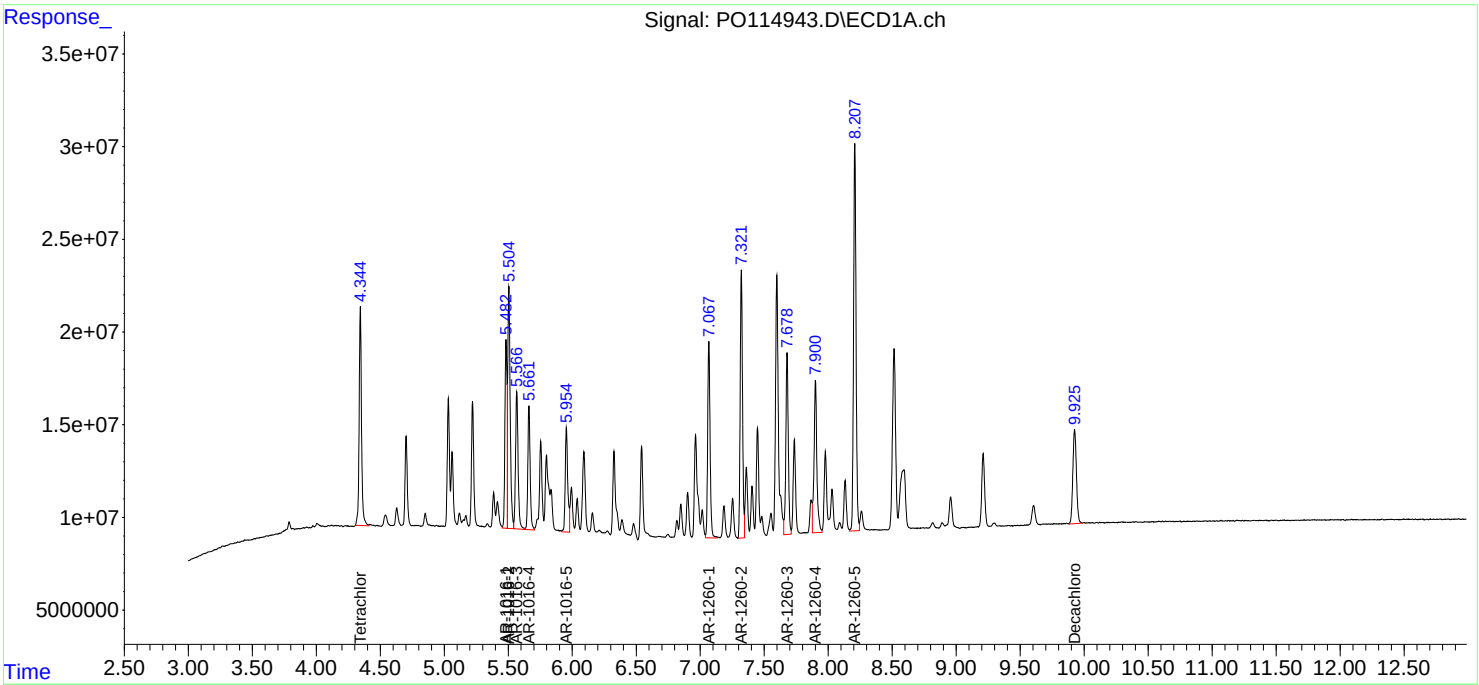
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

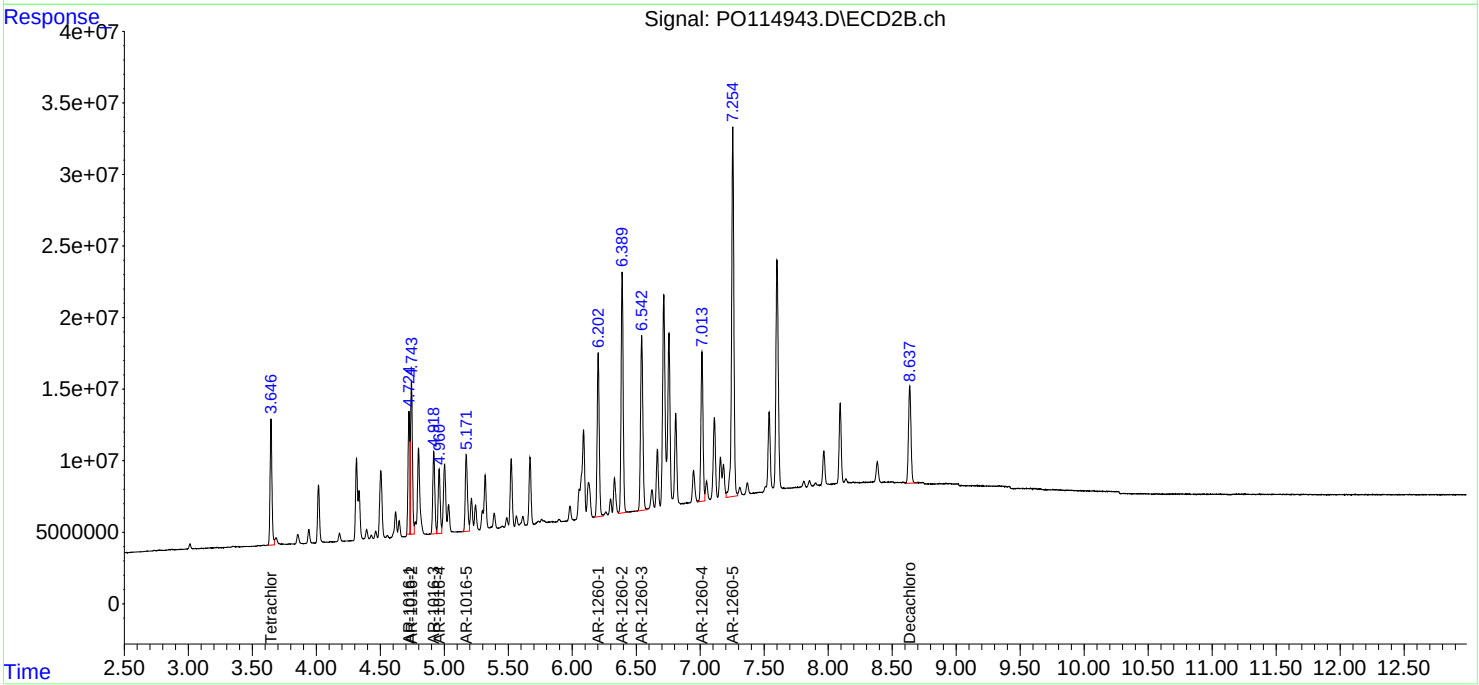
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:08
Operator : YP/AJ
Sample : PB170425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170425BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:36:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO114874.D	AR-1260-1 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC250	PO114874.D	AR-1260-2 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-3 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-5 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-3	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-4	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1242ICC050	PO114882.D	AR-1242-5 #2	rahul	11/5/2025 8:39:51 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-1	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-2	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software

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Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO114892.D	AR-1254-4	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	Decachlorobiphenyl	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1268ICC250	PO114897.D	AR-1268-1 #2	rahul	11/5/2025 8:40:09 AM	yogesh	11/5/2025 10:22:13	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-1	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-2	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-3	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-4	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	po110625	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO114954.D	AR-1254-2	rahul	11/7/2025 10:38:10 AM	yogesh	11/7/2025 10:48:48	Peak Integrated by Software

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Manual Integration Report

Sequence:	po110725	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO114960.D	AR-1254-2	rahul	11/10/2025 8:40:24 AM	yogesh	11/10/2025 8:43:18	Peak Integrated by Software
AR1254CCC500	PO114992.D	AR-1254-2	rahul	11/10/2025 8:41:00 AM	yogesh	11/10/2025 8:43:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC1000	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC1000	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC1000	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pp110625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP076343.D	AR-1016-1 #2	rahul	11/7/2025 10:41:56 AM	yogesh	11/7/2025 10:52:15	Peak Integrated by Software
AR1242CCC50 0	PP076344.D	AR-1242-4 #2	rahul	11/7/2025 10:42:04 AM	yogesh	11/7/2025 10:52:18	Peak Integrated by Software
AR1242CCC50 0	PP076344.D	AR-1242-5 #2	rahul	11/7/2025 10:42:04 AM	yogesh	11/7/2025 10:52:18	Peak Integrated by Software
AR1248CCC50 0	PP076345.D	AR-1248-3 #2	rahul	11/7/2025 10:42:09 AM	yogesh	11/7/2025 10:52:21	Peak Integrated by Software
AR1248CCC50 0	PP076345.D	AR-1248-5 #2	rahul	11/7/2025 10:42:09 AM	yogesh	11/7/2025 10:52:21	Peak Integrated by Software
AR1254CCC50 0	PP076346.D	AR-1254-1	rahul	11/7/2025 10:42:12 AM	yogesh	11/7/2025 10:52:24	Peak Integrated by Software
AR1254CCC50 0	PP076346.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:12 AM	yogesh	11/7/2025 10:52:24	Peak Integrated by Software
AR1660CCC50 0	PP076352.D	AR-1016-1 #2	rahul	11/7/2025 10:42:23 AM	yogesh	11/7/2025 10:52:35	Peak Integrated by Software
AR1242CCC50 0	PP076353.D	AR-1242-1 #2	rahul	11/7/2025 10:42:26 AM	yogesh	11/7/2025 10:52:37	Peak Integrated by Software
AR1242CCC50 0	PP076353.D	AR-1242-4 #2	rahul	11/7/2025 10:42:26 AM	yogesh	11/7/2025 10:52:37	Peak Integrated by Software
AR1248CCC50 0	PP076354.D	AR-1248-1	rahul	11/7/2025 10:42:29 AM	yogesh	11/7/2025 10:52:38	Peak Integrated by Software
AR1248CCC50 0	PP076354.D	AR-1248-3 #2	rahul	11/7/2025 10:42:29 AM	yogesh	11/7/2025 10:52:38	Peak Integrated by Software
AR1254CCC50 0	PP076355.D	AR-1254-1	rahul	11/7/2025 10:42:33 AM	yogesh	11/7/2025 10:52:40	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pp110625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC50 0	PP076355.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:33 AM	yogesh	11/7/2025 10:52:40	Peak Integrated by Software
Q3534-09	PP076357.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:36 AM	yogesh	11/7/2025 10:52:44	Peak Integrated by Software
Q3534-10	PP076358.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:38 AM	yogesh	11/7/2025 10:52:46	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-1	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-1 #2	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-2	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-3	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-4	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1016-5	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1660CCC50 0	PP076367.D	AR-1260-3 #2	rahul	11/7/2025 10:43:04 AM	yogesh	11/7/2025 10:53:26	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-1	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-1 #2	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-2	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pp110625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PP076368.D	AR-1242-3	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-4	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-4 #2	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1242CCC50 0	PP076368.D	AR-1242-5	rahul	11/7/2025 10:43:07 AM	yogesh	11/7/2025 10:53:28	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-1	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-2	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-3	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-3 #2	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-4	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1248CCC50 0	PP076369.D	AR-1248-5	rahul	11/7/2025 10:43:10 AM	yogesh	11/7/2025 10:53:33	Peak Integrated by Software
AR1254CCC50 0	PP076370.D	AR-1254-1	rahul	11/7/2025 10:43:13 AM	yogesh	11/7/2025 10:53:31	Peak Integrated by Software
AR1254CCC50 0	PP076370.D	AR-1254-3 #2	rahul	11/7/2025 10:43:13 AM	yogesh	11/7/2025 10:53:31	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pp110625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110625

Review By	yogesh	Review On	11/6/2025 10:15:27 AM		
Supervise By	rahul	Supervise On	11/7/2025 10:38:22 AM		
SubDirectory	PO110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114926.D	06 Nov 2025 09:02	YP/AJ	Ok
2	AR1660CCC500	PO114927.D	06 Nov 2025 09:20	YP/AJ	Ok
3	AR1242CCC500	PO114928.D	06 Nov 2025 09:39	YP/AJ	Ok
4	AR1248CCC500	PO114929.D	06 Nov 2025 09:58	YP/AJ	Ok
5	AR1254CCC500	PO114930.D	06 Nov 2025 10:16	YP/AJ	Ok
6	I.BLK	PO114931.D	06 Nov 2025 10:35	YP/AJ	Ok
7	Q3536-01	PO114932.D	06 Nov 2025 10:53	YP/AJ	Ok,M
8	PB170419BL	PO114933.D	06 Nov 2025 12:10	YP/AJ	Ok
9	PB170419BS	PO114934.D	06 Nov 2025 12:28	YP/AJ	Ok
10	Q3544-01	PO114935.D	06 Nov 2025 12:46	YP/AJ	Ok
11	AR1660CCC500	PO114936.D	06 Nov 2025 14:00	YP/AJ	Ok
12	AR1242CCC500	PO114937.D	06 Nov 2025 14:18	YP/AJ	Ok
13	AR1248CCC500	PO114938.D	06 Nov 2025 14:37	YP/AJ	Ok
14	AR1254CCC500	PO114939.D	06 Nov 2025 14:55	YP/AJ	Ok
15	I.BLK	PO114940.D	06 Nov 2025 15:13	YP/AJ	Ok
16	PB170425BL	PO114941.D	06 Nov 2025 15:32	YP/AJ	Ok
17	PB170425BS	PO114942.D	06 Nov 2025 15:50	YP/AJ	Ok
18	PB170425BSD	PO114943.D	06 Nov 2025 16:08	YP/AJ	Ok
19	Q3534-01	PO114944.D	06 Nov 2025 16:26	YP/AJ	Ok
20	Q3534-02	PO114945.D	06 Nov 2025 16:44	YP/AJ	Ok
21	Q3534-03	PO114946.D	06 Nov 2025 17:03	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110625

Review By	yogesh	Review On	11/6/2025 10:15:27 AM		
Supervise By	rahul	Supervise On	11/7/2025 10:38:22 AM		
SubDirectory	PO110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3534-04	PO114947.D	06 Nov 2025 17:20	YP/AJ	Ok
23	Q3534-05	PO114948.D	06 Nov 2025 17:39	YP/AJ	Ok
24	Q3534-06	PO114949.D	06 Nov 2025 17:57	YP/AJ	Ok
25	Q3534-07	PO114950.D	06 Nov 2025 18:15	YP/AJ	Not Ok
26	AR1660CCC500	PO114951.D	06 Nov 2025 19:28	YP/AJ	Ok
27	AR1242CCC500	PO114952.D	06 Nov 2025 20:22	YP/AJ	Ok
28	AR1248CCC500	PO114953.D	06 Nov 2025 20:41	YP/AJ	Ok
29	AR1254CCC500	PO114954.D	06 Nov 2025 20:59	YP/AJ	Ok,M
30	I.BLK	PO114955.D	06 Nov 2025 21:17	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110725

Review By	rahul	Review On	11/10/2025 8:41:12 AM		
Supervise By	yogesh	Supervise On	11/10/2025 8:44:12 AM		
SubDirectory	PO110725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114956.D	07 Nov 2025 09:30	YP/AJ	Ok
2	AR1660CCC500	PO114957.D	07 Nov 2025 09:49	YP/AJ	Ok
3	AR1242CCC500	PO114958.D	07 Nov 2025 10:07	YP/AJ	Ok
4	AR1248CCC500	PO114959.D	07 Nov 2025 10:25	YP/AJ	Ok
5	AR1254CCC500	PO114960.D	07 Nov 2025 10:44	YP/AJ	Ok,M
6	I.BLK	PO114961.D	07 Nov 2025 11:02	YP/AJ	Ok
7	PB170425BL	PO114962.D	07 Nov 2025 11:21	YP/AJ	Ok
8	Q3534-07	PO114963.D	07 Nov 2025 11:39	YP/AJ	Ok
9	PB170433BL	PO114964.D	07 Nov 2025 12:16	YP/AJ	Ok
10	PB170433BS	PO114965.D	07 Nov 2025 12:34	YP/AJ	Ok,M
11	Q3565-01	PO114966.D	07 Nov 2025 12:52	YP/AJ	Ok,M
12	Q3565-02	PO114967.D	07 Nov 2025 13:11	YP/AJ	Ok
13	Q3565-03	PO114968.D	07 Nov 2025 13:29	YP/AJ	Ok
14	Q3565-04	PO114969.D	07 Nov 2025 13:47	YP/AJ	Ok
15	Q3565-05	PO114970.D	07 Nov 2025 14:05	YP/AJ	Ok,M
16	Q3565-06	PO114971.D	07 Nov 2025 14:23	YP/AJ	Ok
17	Q3565-07	PO114972.D	07 Nov 2025 14:42	YP/AJ	Ok
18	Q3565-08	PO114973.D	07 Nov 2025 15:00	YP/AJ	Ok,M
19	AR1660CCC500	PO114974.D	07 Nov 2025 16:14	YP/AJ	Ok
20	AR1242CCC500	PO114975.D	07 Nov 2025 17:09	YP/AJ	Ok
21	AR1248CCC500	PO114976.D	07 Nov 2025 17:27	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110725

Review By	rahul	Review On	11/10/2025 8:41:12 AM		
Supervise By	yogesh	Supervise On	11/10/2025 8:44:12 AM		
SubDirectory	PO110725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254CCC500	PO114977.D	07 Nov 2025 17:46	YP/AJ	Ok
23	I.BLK	PO114978.D	07 Nov 2025 18:04	YP/AJ	Ok
24	PB170449BL	PO114979.D	07 Nov 2025 19:18	YP/AJ	Ok
25	PB170449BS	PO114980.D	07 Nov 2025 19:36	YP/AJ	Ok
26	Q3579-01	PO114981.D	07 Nov 2025 19:55	YP/AJ	Ok,M
27	Q3579-02	PO114982.D	07 Nov 2025 20:13	YP/AJ	Ok,M
28	Q3579-03	PO114983.D	07 Nov 2025 20:30	YP/AJ	Ok,M
29	Q3579-04	PO114984.D	07 Nov 2025 20:49	YP/AJ	Ok,M
30	Q3579-05	PO114985.D	07 Nov 2025 21:07	YP/AJ	Ok,M
31	Q3579-06	PO114986.D	07 Nov 2025 21:25	YP/AJ	Ok,M
32	Q3579-07	PO114987.D	07 Nov 2025 21:44	YP/AJ	Ok,M
33	Q3579-08	PO114988.D	07 Nov 2025 22:02	YP/AJ	Ok,M
34	AR1660CCC500	PO114989.D	07 Nov 2025 23:14	YP/AJ	Ok
35	AR1242CCC500	PO114990.D	08 Nov 2025 00:09	YP/AJ	Ok
36	AR1248CCC500	PO114991.D	08 Nov 2025 00:28	YP/AJ	Ok
37	AR1254CCC500	PO114992.D	08 Nov 2025 00:46	YP/AJ	Ok,M
38	I.BLK	PO114993.D	08 Nov 2025 01:05	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110625

Review By	rahul	Review On	11/7/2025 10:43:29 AM		
Supervise By	yogesh	Supervise On	11/7/2025 10:54:03 AM		
SubDirectory	PP110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP076342.D	06 Nov 2025 08:56	YP\AJ	Ok
2	AR1660CCC500	PP076343.D	06 Nov 2025 09:30	YP\AJ	Ok,M
3	AR1242CCC500	PP076344.D	06 Nov 2025 09:51	YP\AJ	Ok,M
4	AR1248CCC500	PP076345.D	06 Nov 2025 10:07	YP\AJ	Ok,M
5	AR1254CCC500	PP076346.D	06 Nov 2025 10:23	YP\AJ	Ok,M
6	I.BLK	PP076347.D	06 Nov 2025 10:40	YP\AJ	Ok
7	Q3546-01	PP076348.D	06 Nov 2025 12:08	YP\AJ	Ok,M
8	Q3546-01MS	PP076349.D	06 Nov 2025 12:24	YP\AJ	Ok,M
9	Q3546-01MSD	PP076350.D	06 Nov 2025 12:40	YP\AJ	Ok,M
10	Q3549-02	PP076351.D	06 Nov 2025 12:56	YP\AJ	Ok
11	AR1660CCC500	PP076352.D	06 Nov 2025 14:02	YP\AJ	Ok,M
12	AR1242CCC500	PP076353.D	06 Nov 2025 14:18	YP\AJ	Ok,M
13	AR1248CCC500	PP076354.D	06 Nov 2025 14:34	YP\AJ	Ok,M
14	AR1254CCC500	PP076355.D	06 Nov 2025 14:50	YP\AJ	Not Ok
15	I.BLK	PP076356.D	06 Nov 2025 15:07	YP\AJ	Ok
16	Q3534-09	PP076357.D	06 Nov 2025 15:23	YP\AJ	Ok,M
17	Q3534-10	PP076358.D	06 Nov 2025 15:39	YP\AJ	Ok,M
18	Q3537-03	PP076359.D	06 Nov 2025 15:55	YP\AJ	Ok,M
19	Q3541-01	PP076360.D	06 Nov 2025 16:12	YP\AJ	Ok,M
20	Q3542-01	PP076361.D	06 Nov 2025 16:28	YP\AJ	Ok,M
21	Q3552-01	PP076362.D	06 Nov 2025 16:44	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110625

Review By	rahul	Review On	11/7/2025 10:43:29 AM		
Supervise By	yogesh	Supervise On	11/7/2025 10:54:03 AM		
SubDirectory	PP110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3552-02	PP076363.D	06 Nov 2025 17:00	YP\AJ	Ok
23	Q3552-03	PP076364.D	06 Nov 2025 17:17	YP\AJ	Ok,M
24	Q3552-04	PP076365.D	06 Nov 2025 17:33	YP\AJ	Ok,M
25	Q3552-05	PP076366.D	06 Nov 2025 17:49	YP\AJ	Ok,M
26	AR1660CCC500	PP076367.D	06 Nov 2025 18:54	YP\AJ	Ok,M
27	AR1242CCC500	PP076368.D	06 Nov 2025 19:43	YP\AJ	Ok,M
28	AR1248CCC500	PP076369.D	06 Nov 2025 19:59	YP\AJ	Ok,M
29	AR1254CCC500	PP076370.D	06 Nov 2025 20:15	YP\AJ	Ok,M
30	I.BLK	PP076371.D	06 Nov 2025 20:48	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114869.D	04 Nov 2025 09:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO114870.D	04 Nov 2025 09:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114872.D	04 Nov 2025 09:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114873.D	04 Nov 2025 10:16		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114874.D	04 Nov 2025 10:34		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO114875.D	04 Nov 2025 10:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114876.D	04 Nov 2025 11:11		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114877.D	04 Nov 2025 11:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114879.D	04 Nov 2025 12:06		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114880.D	04 Nov 2025 12:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114881.D	04 Nov 2025 12:42		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114882.D	04 Nov 2025 13:00		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114884.D	04 Nov 2025 13:37		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114885.D	04 Nov 2025 13:56		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114886.D	04 Nov 2025 14:14		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO114887.D	04 Nov 2025 14:33		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114889.D	04 Nov 2025 15:09		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114890.D	04 Nov 2025 15:28		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114891.D	04 Nov 2025 16:04		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114892.D	04 Nov 2025 16:23		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO114893.D	04 Nov 2025 17:00		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114895.D	04 Nov 2025 17:36		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114896.D	04 Nov 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114897.D	04 Nov 2025 18:13		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114898.D	04 Nov 2025 18:31		YP/AJ	Ok
31	PO110425ICV500	ICVPO110425	PO114899.D	04 Nov 2025 19:08		YP/AJ	Ok
32	AR1242ICV500	ICVPO110425AR1242	PO114900.D	04 Nov 2025 20:21		YP/AJ	Ok,M
33	AR1248ICV500	ICVPO110425AR1248	PO114901.D	04 Nov 2025 20:58		YP/AJ	Ok
34	AR1254ICV500	ICVPO110425AR1254	PO114902.D	04 Nov 2025 21:35		YP/AJ	Ok
35	AR1268ICV500	ICVPO110425AR1268	PO114903.D	04 Nov 2025 22:12		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114904.D	04 Nov 2025 22:48		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110625

Review By	yogesh	Review On	11/6/2025 10:15:27 AM		
Supervise By	rahul	Supervise On	11/7/2025 10:38:22 AM		
SubDirectory	PO110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114926.D	06 Nov 2025 09:02		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114927.D	06 Nov 2025 09:20		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114928.D	06 Nov 2025 09:39		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114929.D	06 Nov 2025 09:58		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114930.D	06 Nov 2025 10:16		YP/AJ	Ok
6	I.BLK	I.BLK	PO114931.D	06 Nov 2025 10:35		YP/AJ	Ok
7	Q3536-01	FILTER-COMP	PO114932.D	06 Nov 2025 10:53	TCMX high in 2nd column , AR1242 Hit	YP/AJ	Ok,M
8	PB170419BL	PB170419BL	PO114933.D	06 Nov 2025 12:10		YP/AJ	Ok
9	PB170419BS	PB170419BS	PO114934.D	06 Nov 2025 12:28		YP/AJ	Ok
10	Q3544-01	ONYX-1	PO114935.D	06 Nov 2025 12:46		YP/AJ	Ok
11	AR1660CCC500	AR1660CCC500	PO114936.D	06 Nov 2025 14:00		YP/AJ	Ok
12	AR1242CCC500	AR1242CCC500	PO114937.D	06 Nov 2025 14:18		YP/AJ	Ok
13	AR1248CCC500	AR1248CCC500	PO114938.D	06 Nov 2025 14:37		YP/AJ	Ok
14	AR1254CCC500	AR1254CCC500	PO114939.D	06 Nov 2025 14:55		YP/AJ	Ok
15	I.BLK	I.BLK	PO114940.D	06 Nov 2025 15:13		YP/AJ	Ok
16	PB170425BL	PB170425BL	PO114941.D	06 Nov 2025 15:32		YP/AJ	Ok
17	PB170425BS	PB170425BS	PO114942.D	06 Nov 2025 15:50		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110625

Review By	yogesh	Review On	11/6/2025 10:15:27 AM		
Supervise By	rahul	Supervise On	11/7/2025 10:38:22 AM		
SubDirectory	PO110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB170425BSD	PB170425BSD	PO114943.D	06 Nov 2025 16:08		YP/AJ	Ok
19	Q3534-01	MW-6	PO114944.D	06 Nov 2025 16:26		YP/AJ	Ok
20	Q3534-02	MW-1	PO114945.D	06 Nov 2025 16:44		YP/AJ	Ok
21	Q3534-03	MW-11	PO114946.D	06 Nov 2025 17:03		YP/AJ	Ok
22	Q3534-04	MW-5	PO114947.D	06 Nov 2025 17:20		YP/AJ	Ok
23	Q3534-05	MW-EB-1	PO114948.D	06 Nov 2025 17:39		YP/AJ	Ok
24	Q3534-06	MW-EB-2	PO114949.D	06 Nov 2025 17:57		YP/AJ	Ok
25	Q3534-07	MW-EB-3	PO114950.D	06 Nov 2025 18:15	need cleanup , confirm corrected typo	YP/AJ	Not Ok
26	AR1660CCC500	AR1660CCC500	PO114951.D	06 Nov 2025 19:28		YP/AJ	Ok
27	AR1242CCC500	AR1242CCC500	PO114952.D	06 Nov 2025 20:22		YP/AJ	Ok
28	AR1248CCC500	AR1248CCC500	PO114953.D	06 Nov 2025 20:41		YP/AJ	Ok
29	AR1254CCC500	AR1254CCC500	PO114954.D	06 Nov 2025 20:59		YP/AJ	Ok,M
30	I.BLK	I.BLK	PO114955.D	06 Nov 2025 21:17		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110725

Review By	rahul	Review On	11/10/2025 8:41:12 AM		
Supervise By	yogesh	Supervise On	11/10/2025 8:44:12 AM		
SubDirectory	PO110725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114956.D	07 Nov 2025 09:30		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114957.D	07 Nov 2025 09:49		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114958.D	07 Nov 2025 10:07		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114959.D	07 Nov 2025 10:25		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114960.D	07 Nov 2025 10:44		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO114961.D	07 Nov 2025 11:02		YP/AJ	Ok
7	PB170425BL	PB170425BL	PO114962.D	07 Nov 2025 11:21		YP/AJ	Ok
8	Q3534-07	MW-EB-3	PO114963.D	07 Nov 2025 11:39		YP/AJ	Ok
9	PB170433BL	PB170433BL	PO114964.D	07 Nov 2025 12:16		YP/AJ	Ok
10	PB170433BS	PB170433BS	PO114965.D	07 Nov 2025 12:34		YP/AJ	Ok,M
11	Q3565-01	110325-A	PO114966.D	07 Nov 2025 12:52	AR1242 Hit	YP/AJ	Ok,M
12	Q3565-02	110325-B	PO114967.D	07 Nov 2025 13:11		YP/AJ	Ok
13	Q3565-03	110325-C	PO114968.D	07 Nov 2025 13:29		YP/AJ	Ok
14	Q3565-04	110325-D	PO114969.D	07 Nov 2025 13:47	AR1242 Hit , DCB high in 2nd column .	YP/AJ	Ok
15	Q3565-05	110325-E	PO114970.D	07 Nov 2025 14:05	AR1242 Hit	YP/AJ	Ok,M
16	Q3565-06	110325-F	PO114971.D	07 Nov 2025 14:23		YP/AJ	Ok
17	Q3565-07	110325-G	PO114972.D	07 Nov 2025 14:42		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110725

Review By	rahul	Review On	11/10/2025 8:41:12 AM		
Supervise By	yogesh	Supervise On	11/10/2025 8:44:12 AM		
SubDirectory	PO110725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3565-08	110325-H	PO114973.D	07 Nov 2025 15:00	AR1242 Hit	YP/AJ	Ok,M
19	AR1660CCC500	AR1660CCC500	PO114974.D	07 Nov 2025 16:14		YP/AJ	Ok
20	AR1242CCC500	AR1242CCC500	PO114975.D	07 Nov 2025 17:09		YP/AJ	Ok
21	AR1248CCC500	AR1248CCC500	PO114976.D	07 Nov 2025 17:27		YP/AJ	Ok
22	AR1254CCC500	AR1254CCC500	PO114977.D	07 Nov 2025 17:46		YP/AJ	Ok
23	I.BLK	I.BLK	PO114978.D	07 Nov 2025 18:04		YP/AJ	Ok
24	PB170449BL	PB170449BL	PO114979.D	07 Nov 2025 19:18		YP/AJ	Ok
25	PB170449BS	PB170449BS	PO114980.D	07 Nov 2025 19:36		YP/AJ	Ok
26	Q3579-01	Y2404-0073-A	PO114981.D	07 Nov 2025 19:55		YP/AJ	Ok,M
27	Q3579-02	Y2404-0073-B	PO114982.D	07 Nov 2025 20:13	TCMX low in 1st column	YP/AJ	Ok,M
28	Q3579-03	FCA-340K-A	PO114983.D	07 Nov 2025 20:30	AR1254 Hit	YP/AJ	Ok,M
29	Q3579-04	FCA-340K-B	PO114984.D	07 Nov 2025 20:49		YP/AJ	Ok,M
30	Q3579-05	BC260409-A	PO114985.D	07 Nov 2025 21:07		YP/AJ	Ok,M
31	Q3579-06	BC260409-B	PO114986.D	07 Nov 2025 21:25		YP/AJ	Ok,M
32	Q3579-07	02-9010-A	PO114987.D	07 Nov 2025 21:44		YP/AJ	Ok,M
33	Q3579-08	02-9010-B	PO114988.D	07 Nov 2025 22:02		YP/AJ	Ok,M
34	AR1660CCC500	AR1660CCC500	PO114989.D	07 Nov 2025 23:14		YP/AJ	Ok
35	AR1242CCC500	AR1242CCC500	PO114990.D	08 Nov 2025 00:09		YP/AJ	Ok
36	AR1248CCC500	AR1248CCC500	PO114991.D	08 Nov 2025 00:28		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110725

Review By	rahul	Review On	11/10/2025 8:41:12 AM		
Supervise By	yogesh	Supervise On	11/10/2025 8:44:12 AM		
SubDirectory	PO110725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	AR1254CCC500	AR1254CCC500	PO114992.D	08 Nov 2025 00:46		YP/AJ	Ok,M
38	I.BLK	I.BLK	PO114993.D	08 Nov 2025 01:05		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YP\AJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110625

Review By	rahul	Review On	11/7/2025 10:43:29 AM		
Supervise By	yogesh	Supervise On	11/7/2025 10:54:03 AM		
SubDirectory	PP110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP076342.D	06 Nov 2025 08:56		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076343.D	06 Nov 2025 09:30		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP076344.D	06 Nov 2025 09:51		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076345.D	06 Nov 2025 10:07		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076346.D	06 Nov 2025 10:23		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076347.D	06 Nov 2025 10:40		YP\AJ	Ok
7	Q3546-01	TP-COMP	PP076348.D	06 Nov 2025 12:08		YP\AJ	Ok,M
8	Q3546-01MS	TP-COMPMS	PP076349.D	06 Nov 2025 12:24		YP\AJ	Ok,M
9	Q3546-01MSD	TP-COMPMSD	PP076350.D	06 Nov 2025 12:40		YP\AJ	Ok,M
10	Q3549-02	RT4922	PP076351.D	06 Nov 2025 12:56		YP\AJ	Ok
11	AR1660CCC500	AR1660CCC500	PP076352.D	06 Nov 2025 14:02		YP\AJ	Ok,M
12	AR1242CCC500	AR1242CCC500	PP076353.D	06 Nov 2025 14:18		YP\AJ	Ok,M
13	AR1248CCC500	AR1248CCC500	PP076354.D	06 Nov 2025 14:34		YP\AJ	Ok,M
14	AR1254CCC500	AR1254CCC500	PP076355.D	06 Nov 2025 14:50	CCC fail on lower side	YP\AJ	Not Ok
15	I.BLK	I.BLK	PP076356.D	06 Nov 2025 15:07		YP\AJ	Ok
16	Q3534-09	FB-1	PP076357.D	06 Nov 2025 15:23		YP\AJ	Ok,M
17	Q3534-10	EB-1	PP076358.D	06 Nov 2025 15:39		YP\AJ	Ok,M
18	Q3537-03	MW-17-PURGE-WATEI	PP076359.D	06 Nov 2025 15:55		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110625

Review By	rahul	Review On	11/7/2025 10:43:29 AM		
Supervise By	yogesh	Supervise On	11/7/2025 10:54:03 AM		
SubDirectory	PP110625	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3541-01	N48969	PP076360.D	06 Nov 2025 16:12		YP\AJ	Ok,M
20	Q3542-01	AUD-25-182-194	PP076361.D	06 Nov 2025 16:28		YP\AJ	Ok,M
21	Q3552-01	MW-4	PP076362.D	06 Nov 2025 16:44		YP\AJ	Ok,M
22	Q3552-02	MW-8	PP076363.D	06 Nov 2025 17:00		YP\AJ	Ok
23	Q3552-03	MW-9	PP076364.D	06 Nov 2025 17:17		YP\AJ	Ok,M
24	Q3552-04	MW-10	PP076365.D	06 Nov 2025 17:33		YP\AJ	Ok,M
25	Q3552-05	MW-3	PP076366.D	06 Nov 2025 17:49		YP\AJ	Ok,M
26	AR1660CCC500	AR1660CCC500	PP076367.D	06 Nov 2025 18:54		YP\AJ	Ok,M
27	AR1242CCC500	AR1242CCC500	PP076368.D	06 Nov 2025 19:43		YP\AJ	Ok,M
28	AR1248CCC500	AR1248CCC500	PP076369.D	06 Nov 2025 19:59		YP\AJ	Ok,M
29	AR1254CCC500	AR1254CCC500	PP076370.D	06 Nov 2025 20:15		YP\AJ	Ok,M
30	I.BLK	I.BLK	PP076371.D	06 Nov 2025 20:48		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170425

SOP ID: M3510C,3580A-Extraction PCB-15

Clean Up SOP #: Acid Cleanup

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/06/2025

Extraction Start Time : 09:15

Extraction End Date : 11/06/2025

Extraction End Time : 13:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot# 03-40BTS721. Q3534 & Q3552 all samples split the volume.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext-lab)	Y-P-Pest/PCB
14:00	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170425

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170425BL	ABLK425	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB170425BS	ALCS425	PCB	1000	6	RUPESH	ritesh	10			2
PB170425BSD	ALCSD425	PCB	1000	6	RUPESH	ritesh	10			3
Q3534-01	MW-6	PCB	450	6	RUPESH	ritesh	5	O		4
Q3534-02	MW-1	PCB	470	6	RUPESH	ritesh	5	O		5
Q3534-03	MW-11	PCB	490	6	RUPESH	ritesh	5	O		6
Q3534-04	MW-5	PCB	485	6	RUPESH	ritesh	5	O		7
Q3534-05	MW-EB-1	PCB	475	6	RUPESH	ritesh	5	O		8
Q3534-06	MW-EB-2	PCB	485	6	RUPESH	ritesh	5	O		9
Q3534-07	MW-EB-3	PCB	480	6	RUPESH	ritesh	5	O		10
Q3534-09	FB-1	PCB	495	6	RUPESH	ritesh	5	H		11
Q3534-10	EB-1	PCB	495	6	RUPESH	ritesh	5	H		12
Q3537-03	MW-17-PURGE-WATER	PCB	990	6	RUPESH	ritesh	10	P		13
Q3541-01	N48969	PCB	980	6	RUPESH	ritesh	10	P		14
Q3542-01	AUD-25-182-194	PCB	500	6	RUPESH	ritesh	10	C		15
Q3552-01	MW-4	PCB	500	6	RUPESH	ritesh	5	L		16
Q3552-02	MW-8	PCB	500	6	RUPESH	ritesh	5	L		SEP-1
Q3552-03	MW-9	PCB	500	6	RUPESH	ritesh	5	L		2
Q3552-04	MW-10	PCB	500	6	RUPESH	ritesh	5	L		3
Q3552-05	MW-3	PCB	485	6	RUPESH	ritesh	5	L		4

RS 11/6.

* **Extracts relinguished on the same date as received.**

170425
9-15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3542 **WorkList ID :** 192911 **Department :** Extraction **Date :** 11-06-2025 08:30:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-02	MW-1	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-03	MW-11	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-04	MW-5	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-05	MW-EB-1	Water	PCB	Cool 4 deg C	REMI02	D31	11/04/2025	8082A
Q3534-06	MW-EB-2	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-07	MW-EB-3	Water	PCB	Cool 4 deg C	REMI02	D31	11/04/2025	8082A
Q3534-09	FB-1	Water	PCB	Cool 4 deg C	REMI02	D31	11/03/2025	8082A
Q3534-10	EB-1	Water	PCB	Cool 4 deg C	REMI02	D31	11/04/2025	8082A
Q3537-03	MW-17-PURGE-WATER	Water	PCB	Cool 4 deg C	REMI02		11/04/2025	8082A
Q3541-01	N48969	Water	PCB	Cool 4 deg C	PSEG03	D41	11/04/2025	8082A
Q3542-01	AUD-25-182-194	Water	PCB	Cool 4 deg C	PSEG03	D41	11/04/2025	8082A
Q3552-01	MW-4	Water	PCB	Cool 4 deg C	PSEG03	D41	11/04/2025	8082A
Q3552-02	MW-8	Water	PCB	Cool 4 deg C	REMI02	D41	11/04/2025	8082A
Q3552-03	MW-9	Water	PCB	Cool 4 deg C	REMI02	D41	11/04/2025	8082A
Q3552-04	MW-10	Water	PCB	Cool 4 deg C	REMI02	D41	11/04/2025	8082A
Q3552-05	MW-3	Water	PCB	Cool 4 deg C	REMI02	D41	11/05/2025	8082A

Date/Time 11/6/25 9:10
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 11/6/25 10:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-02	**MW-1**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-03	**MW-11**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-04	**MW-5**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-05	**MW-EB-1**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-06	**MW-EB-2**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-07	**MW-EB-3**	**WATER**			**11/03/25**			**11/04/25**
			PCB	8082A		11/06/25	11/07/25	
Q3534-09	**FB-1**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	
Q3534-10	**EB-1**	**WATER**			**11/04/25**			**11/04/25**
			PCB	8082A		11/06/25	11/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-6								
Q3534-01	MW-6	Water	Aluminum	140		5.67	50.0	ug/L
Q3534-01	MW-6	Water	Barium	512		7.28	50.0	ug/L
Q3534-01	MW-6	Water	Beryllium	0.56	J	0.28	3.00	ug/L
Q3534-01	MW-6	Water	Calcium	91900		117	1000	ug/L
Q3534-01	MW-6	Water	Chromium	3.57	J	1.06	5.00	ug/L
Q3534-01	MW-6	Water	Cobalt	2.15	J	1.13	15.0	ug/L
Q3534-01	MW-6	Water	Copper	3.72	J	2.30	10.0	ug/L
Q3534-01	MW-6	Water	Iron	32800		11.7	50.0	ug/L
Q3534-01	MW-6	Water	Lead	4.67	J	1.15	6.00	ug/L
Q3534-01	MW-6	Water	Magnesium	31600		122	1000	ug/L
Q3534-01	MW-6	Water	Manganese	120		2.97	10.0	ug/L
Q3534-01	MW-6	Water	Nickel	7.88	J	1.53	20.0	ug/L
Q3534-01	MW-6	Water	Potassium	17600		459	1000	ug/L
Q3534-01	MW-6	Water	Silver	1.38	J	0.81	5.00	ug/L
Q3534-01	MW-6	Water	Sodium	120000		434	1000	ug/L
Q3534-01	MW-6	Water	Zinc	12.8	J	8.33	20.0	ug/L
Client ID : MW-1								
Q3534-02	MW-1	Water	Aluminum	3560		5.67	50.0	ug/L
Q3534-02	MW-1	Water	Arsenic	51.9		2.56	10.0	ug/L
Q3534-02	MW-1	Water	Barium	358		7.28	50.0	ug/L
Q3534-02	MW-1	Water	Beryllium	1.08	J	0.28	3.00	ug/L
Q3534-02	MW-1	Water	Cadmium	0.32	J	0.25	3.00	ug/L
Q3534-02	MW-1	Water	Calcium	107000		117	1000	ug/L
Q3534-02	MW-1	Water	Chromium	12.7		1.06	5.00	ug/L
Q3534-02	MW-1	Water	Cobalt	8.03	J	1.13	15.0	ug/L
Q3534-02	MW-1	Water	Copper	7.12	J	2.30	10.0	ug/L
Q3534-02	MW-1	Water	Iron	52100		11.7	50.0	ug/L
Q3534-02	MW-1	Water	Lead	8.53		1.15	6.00	ug/L
Q3534-02	MW-1	Water	Magnesium	294000		122	1000	ug/L
Q3534-02	MW-1	Water	Manganese	2090		2.97	10.0	ug/L
Q3534-02	MW-1	Water	Mercury	0.12	J	0.076	0.20	ug/L
Q3534-02	MW-1	Water	Nickel	57.6		1.53	20.0	ug/L
Q3534-02	MW-1	Water	Potassium	150000		459	1000	ug/L
Q3534-02	MW-1	Water	Silver	3.63	J	0.81	5.00	ug/L
Q3534-02	MW-1	Water	Sodium	3180000	D	2170	5000	ug/L
Q3534-02	MW-1	Water	Vanadium	16.5	J	3.13	20.0	ug/L
Q3534-02	MW-1	Water	Zinc	53.9		8.33	20.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-11								
Q3534-03	MW-11	Water	Aluminum	48.7	J	5.67	50.0	ug/L
Q3534-03	MW-11	Water	Arsenic	135		2.56	10.0	ug/L
Q3534-03	MW-11	Water	Barium	92.6		7.28	50.0	ug/L
Q3534-03	MW-11	Water	Beryllium	0.75	J	0.28	3.00	ug/L
Q3534-03	MW-11	Water	Calcium	238000		117	1000	ug/L
Q3534-03	MW-11	Water	Chromium	8.47		1.06	5.00	ug/L
Q3534-03	MW-11	Water	Cobalt	3.31	J	1.13	15.0	ug/L
Q3534-03	MW-11	Water	Copper	32.2		2.30	10.0	ug/L
Q3534-03	MW-11	Water	Iron	27300		11.7	50.0	ug/L
Q3534-03	MW-11	Water	Lead	3.72	J	1.15	6.00	ug/L
Q3534-03	MW-11	Water	Magnesium	385000		122	1000	ug/L
Q3534-03	MW-11	Water	Manganese	2350		2.97	10.0	ug/L
Q3534-03	MW-11	Water	Nickel	37.8		1.53	20.0	ug/L
Q3534-03	MW-11	Water	Potassium	146000		459	1000	ug/L
Q3534-03	MW-11	Water	Silver	1.32	J	0.81	5.00	ug/L
Q3534-03	MW-11	Water	Sodium	3560000	D	2170	5000	ug/L
Q3534-03	MW-11	Water	Zinc	16.1	J	8.33	20.0	ug/L
Client ID : MW-5								
Q3534-04	MW-5	Water	Aluminum	514		5.67	50.0	ug/L
Q3534-04	MW-5	Water	Barium	663		7.28	50.0	ug/L
Q3534-04	MW-5	Water	Beryllium	0.68	J	0.28	3.00	ug/L
Q3534-04	MW-5	Water	Calcium	154000		117	1000	ug/L
Q3534-04	MW-5	Water	Chromium	5.34		1.06	5.00	ug/L
Q3534-04	MW-5	Water	Cobalt	1.75	J	1.13	15.0	ug/L
Q3534-04	MW-5	Water	Copper	8.35	J	2.30	10.0	ug/L
Q3534-04	MW-5	Water	Iron	40700		11.7	50.0	ug/L
Q3534-04	MW-5	Water	Lead	9.04		1.15	6.00	ug/L
Q3534-04	MW-5	Water	Magnesium	40100		122	1000	ug/L
Q3534-04	MW-5	Water	Manganese	459		2.97	10.0	ug/L
Q3534-04	MW-5	Water	Nickel	14.1	J	1.53	20.0	ug/L
Q3534-04	MW-5	Water	Potassium	22200		459	1000	ug/L
Q3534-04	MW-5	Water	Silver	1.57	J	0.81	5.00	ug/L
Q3534-04	MW-5	Water	Sodium	196000		434	1000	ug/L
Q3534-04	MW-5	Water	Zinc	44.9		8.33	20.0	ug/L
Client ID : MW-EB-1								
Q3534-05	MW-EB-1	Water	Aluminum	3430		5.67	50.0	ug/L
Q3534-05	MW-EB-1	Water	Arsenic	13.8		2.56	10.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3534-05	MW-EB-1	Water	Barium	473		7.28	50.0	ug/L
Q3534-05	MW-EB-1	Water	Beryllium	1.04	J	0.28	3.00	ug/L
Q3534-05	MW-EB-1	Water	Cadmium	2.24	J	0.25	3.00	ug/L
Q3534-05	MW-EB-1	Water	Calcium	138000		117	1000	ug/L
Q3534-05	MW-EB-1	Water	Chromium	7.73		1.06	5.00	ug/L
Q3534-05	MW-EB-1	Water	Cobalt	3.61	J	1.13	15.0	ug/L
Q3534-05	MW-EB-1	Water	Copper	18.5		2.30	10.0	ug/L
Q3534-05	MW-EB-1	Water	Iron	51100		11.7	50.0	ug/L
Q3534-05	MW-EB-1	Water	Lead	40.9		1.15	6.00	ug/L
Q3534-05	MW-EB-1	Water	Magnesium	29300		122	1000	ug/L
Q3534-05	MW-EB-1	Water	Manganese	206		2.97	10.0	ug/L
Q3534-05	MW-EB-1	Water	Mercury	0.12	J	0.076	0.20	ug/L
Q3534-05	MW-EB-1	Water	Nickel	15.8	J	1.53	20.0	ug/L
Q3534-05	MW-EB-1	Water	Potassium	13700		459	1000	ug/L
Q3534-05	MW-EB-1	Water	Silver	1.80	J	0.81	5.00	ug/L
Q3534-05	MW-EB-1	Water	Sodium	130000		434	1000	ug/L
Q3534-05	MW-EB-1	Water	Vanadium	5.85	J	3.13	20.0	ug/L
Q3534-05	MW-EB-1	Water	Zinc	172		8.33	20.0	ug/L
Client ID :	**MW-EB-2**							
Q3534-06	MW-EB-2	Water	Aluminum	278		5.67	50.0	ug/L
Q3534-06	MW-EB-2	Water	Barium	851		7.28	50.0	ug/L
Q3534-06	MW-EB-2	Water	Calcium	227000		117	1000	ug/L
Q3534-06	MW-EB-2	Water	Chromium	16.5		1.06	5.00	ug/L
Q3534-06	MW-EB-2	Water	Iron	9780		11.7	50.0	ug/L
Q3534-06	MW-EB-2	Water	Lead	2.73	J	1.15	6.00	ug/L
Q3534-06	MW-EB-2	Water	Magnesium	202000		122	1000	ug/L
Q3534-06	MW-EB-2	Water	Manganese	548		2.97	10.0	ug/L
Q3534-06	MW-EB-2	Water	Nickel	7.57	J	1.53	20.0	ug/L
Q3534-06	MW-EB-2	Water	Potassium	84400		459	1000	ug/L
Q3534-06	MW-EB-2	Water	Sodium	1710000	D	2170	5000	ug/L
Q3534-06	MW-EB-2	Water	Zinc	16.9	J	8.33	20.0	ug/L
Client ID :	**MW-EB-3**							
Q3534-07	MW-EB-3	Water	Aluminum	1220		5.67	50.0	ug/L
Q3534-07	MW-EB-3	Water	Antimony	8.03	J	3.38	25.0	ug/L
Q3534-07	MW-EB-3	Water	Barium	1170		7.28	50.0	ug/L
Q3534-07	MW-EB-3	Water	Cadmium	8.33		0.25	3.00	ug/L
Q3534-07	MW-EB-3	Water	Calcium	295000		117	1000	ug/L
Q3534-07	MW-EB-3	Water	Chromium	6.61		1.06	5.00	ug/L
Q3534-07	MW-EB-3	Water	Cobalt	1.20	J	1.13	15.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3534 **Order ID:** Q3534

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3534-07	MW-EB-3	Water	Copper	18.8		2.30	10.0	ug/L
Q3534-07	MW-EB-3	Water	Iron	4940		11.7	50.0	ug/L
Q3534-07	MW-EB-3	Water	Lead	19.4		1.15	6.00	ug/L
Q3534-07	MW-EB-3	Water	Magnesium	283000		122	1000	ug/L
Q3534-07	MW-EB-3	Water	Manganese	350		2.97	10.0	ug/L
Q3534-07	MW-EB-3	Water	Mercury	0.096	J	0.076	0.20	ug/L
Q3534-07	MW-EB-3	Water	Nickel	7.43	J	1.53	20.0	ug/L
Q3534-07	MW-EB-3	Water	Potassium	129000		459	1000	ug/L
Q3534-07	MW-EB-3	Water	Sodium	2530000	D	2170	5000	ug/L
Q3534-07	MW-EB-3	Water	Zinc	196		8.33	20.0	ug/L
Client ID :	**FB-1**							
Q3534-09	FB-1	Water	Aluminum	15.4	J	5.67	50.0	ug/L
Q3534-09	FB-1	Water	Chromium	8.00		1.06	5.00	ug/L
Q3534-09	FB-1	Water	Iron	39.2	J	11.7	50.0	ug/L
Q3534-09	FB-1	Water	Nickel	2.39	J	1.53	20.0	ug/L
Client ID :	**EB-1**							
Q3534-10	EB-1	Water	Chromium	2.71	J	1.06	5.00	ug/L
Q3534-10	EB-1	Water	Iron	35.3	J	11.7	50.0	ug/L
Q3534-10	EB-1	Water	Thallium	7.07	J	2.19	20.0	ug/L
Q3534-10	EB-1	Water	Vanadium	6.09	J	3.13	20.0	ug/L

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	140		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-39-3	Barium	512		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-41-7	Beryllium	0.56	J	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-70-2	Calcium	91900		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-47-3	Chromium	3.57	J	1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-48-4	Cobalt	2.15	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-50-8	Copper	3.72	J	1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7439-89-6	Iron	32800		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7439-92-1	Lead	4.67	J	1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7439-95-4	Magnesium	31600		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7439-96-5	Manganese	120		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:30	7470A	M7470A
7440-02-0	Nickel	7.88	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-09-7	Potassium	17600	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-22-4	Silver	1.38	J	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-23-5	Sodium	120000		1	434	1000	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A
7440-66-6	Zinc	12.8	J	1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:33	6010D	M3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3560		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-38-2	Arsenic	51.9		1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-39-3	Barium	358		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-41-7	Beryllium	1.08	J	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-43-9	Cadmium	0.32	J	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-70-2	Calcium	107000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-47-3	Chromium	12.7		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-48-4	Cobalt	8.03	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-50-8	Copper	7.12	J	1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7439-89-6	Iron	52100		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7439-92-1	Lead	8.53		1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7439-95-4	Magnesium	294000		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7439-96-5	Manganese	2090		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7439-97-6	Mercury	0.12	J	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:32	7470A	M7470A
7440-02-0	Nickel	57.6		1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-09-7	Potassium	150000	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-22-4	Silver	3.63	J	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-23-5	Sodium	3180000	D	5	2170	5000	ug/L	11/05/25 10:30	11/06/25 15:23	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-62-2	Vanadium	16.5	J	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A
7440-66-6	Zinc	53.9		1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:38	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	48.7	J	1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-38-2	Arsenic	135		1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-39-3	Barium	92.6		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-41-7	Beryllium	0.75	J	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-70-2	Calcium	238000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-47-3	Chromium	8.47		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-48-4	Cobalt	3.31	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-50-8	Copper	32.2		1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7439-89-6	Iron	27300		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7439-92-1	Lead	3.72	J	1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7439-95-4	Magnesium	385000		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7439-96-5	Manganese	2350		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:34	7470A	M7470A
7440-02-0	Nickel	37.8		1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-09-7	Potassium	146000	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-22-4	Silver	1.32	J	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-23-5	Sodium	3560000	D	5	2170	5000	ug/L	11/05/25 10:30	11/06/25 15:27	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A
7440-66-6	Zinc	16.1	J	1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:42	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	514		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-39-3	Barium	663		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-41-7	Beryllium	0.68	J	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-70-2	Calcium	154000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-47-3	Chromium	5.34		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-48-4	Cobalt	1.75	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-50-8	Copper	8.35	J	1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7439-89-6	Iron	40700		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7439-92-1	Lead	9.04		1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7439-95-4	Magnesium	40100		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7439-96-5	Manganese	459		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:37	7470A	M7470A
7440-02-0	Nickel	14.1	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-09-7	Potassium	22200	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-22-4	Silver	1.57	J	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-23-5	Sodium	196000		1	434	1000	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A
7440-66-6	Zinc	44.9		1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:47	6010D	M3010A

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OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3430		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-38-2	Arsenic	13.8		1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-39-3	Barium	473		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-41-7	Beryllium	1.04	J	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-43-9	Cadmium	2.24	J	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-70-2	Calcium	138000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-47-3	Chromium	7.73		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-48-4	Cobalt	3.61	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-50-8	Copper	18.5		1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7439-89-6	Iron	51100		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7439-92-1	Lead	40.9		1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7439-95-4	Magnesium	29300		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7439-96-5	Manganese	206		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7439-97-6	Mercury	0.12	J	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:39	7470A	M7470A
7440-02-0	Nickel	15.8	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-09-7	Potassium	13700	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-22-4	Silver	1.80	J	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-23-5	Sodium	130000		1	434	1000	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-62-2	Vanadium	5.85	J	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A
7440-66-6	Zinc	172		1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:51	6010D	M3010A

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N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	278		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-39-3	Barium	851		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-70-2	Calcium	227000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-47-3	Chromium	16.5		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7439-89-6	Iron	9780		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7439-92-1	Lead	2.73	J	1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7439-95-4	Magnesium	202000		1	122	1000	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7439-96-5	Manganese	548		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:46	7470A	M7470A
7440-02-0	Nickel	7.57	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-09-7	Potassium	84400	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-23-5	Sodium	1710000	D	5	2170	5000	ug/L	11/05/25 10:30	11/06/25 15:32	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A
7440-66-6	Zinc	16.9	J	1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 15:55	6010D	M3010A

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1220		1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-36-0	Antimony	8.03	J	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-39-3	Barium	1170		1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-43-9	Cadmium	8.33		1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-70-2	Calcium	295000		1	117	1000	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-47-3	Chromium	6.61		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-48-4	Cobalt	1.20	J	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-50-8	Copper	18.8		1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7439-89-6	Iron	4940		1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7439-92-1	Lead	19.4		1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7439-95-4	Magnesium	283000		1	122	1000	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7439-96-5	Manganese	350		1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7439-97-6	Mercury	0.096	J	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:48	7470A	M7470A
7440-02-0	Nickel	7.43	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-09-7	Potassium	129000	N	1	459	1000	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-23-5	Sodium	2530000	D	5	2170	5000	ug/L	11/05/25 10:30	11/06/25 15:36	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A
7440-66-6	Zinc	196		1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 16:00	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15.4	J	1	5.67	50.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-70-2	Calcium	117	U	1	117	1000	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-47-3	Chromium	8.00		1	1.06	5.00	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7439-89-6	Iron	39.2	J	1	11.7	50.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/05/25 11:05	11/06/25 08:51	7470A	M7470A
7440-02-0	Nickel	2.39	J	1	1.53	20.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-09-7	Potassium	459	UN	1	459	1000	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/05/25 10:30	11/05/25 16:04	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5.67	U	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-70-2	Calcium	117	U	1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-47-3	Chromium	2.71	J	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7439-89-6	Iron	35.3	J	1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:29	7470A	M7470A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-09-7	Potassium	459	U	1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-28-0	Thallium	7.07	J	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-62-2	Vanadium	6.09	J	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:00	6010D	M3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB100	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	08:09	LB137791

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB31	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	08:13	LB137791
CCB32	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	08:44	LB137791
CCB33	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	09:10	LB137791
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	09:19	LB137791

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB101	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:39	LB137799

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	13:43	LB137799
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:11	LB137799
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:38	LB137799
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	14:59	LB137799
CCB38	Mercury	0.076	+/-0.2	U	0.20	CV	11/06/2025	15:15	LB137799

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	18.6	+/-50	J	100	P	11/05/2025	11:41	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	11:41	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	11:41	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	11:41	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	11:41	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	11:41	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	11:41	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Iron	29.3	+/-50	J	100	P	11/05/2025	11:41	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	11:41	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	11:41	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	11:41	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/05/2025	12:33	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	12:33	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	12:33	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	12:33	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	12:33	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	12:33	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	12:33	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Iron	31.0	+/-50	J	100	P	11/05/2025	12:33	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	12:33	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	12:33	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
CCB02	Aluminum	25.4	+/-50	J	100	P	11/05/2025	13:25	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	13:25	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	13:25	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	13:25	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	13:25	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	13:25	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	13:25	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	13:25	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	13:25	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	13:25	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/05/2025	13:25	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
CCB03	Aluminum	11.3	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	14:18	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	14:18	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	14:18	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	14:18	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	14:18	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	14:18	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	14:18	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
CCB04	Aluminum	11.3	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	15:21	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	15:21	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	15:21	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	15:21	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	15:21	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	15:21	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	15:21	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
CCB05	Aluminum	11.3	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	16:25	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	16:25	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	16:25	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	16:25	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	16:25	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	16:25	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	16:25	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
CCB06	Aluminum	11.3	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	17:08	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	17:08	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	17:08	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	17:08	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	17:08	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	17:08	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	17:08	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	17:08	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Potassium	1830	+/-1000	J*	2000	P	11/05/2025	17:08	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	17:08	LB137798
	Sodium	3440	+/-1000	*	2000	P	11/05/2025	17:08	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	17:08	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	25.9	+/-50	J	100	P	11/06/2025	13:25	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	13:25	LB137816
	Arsenic	5.12	+/-10	U	20.0	P	11/06/2025	13:25	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	13:25	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	13:25	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	13:25	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	13:25	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	13:25	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	13:25	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	13:25	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	13:25	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	13:25	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	13:25	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	13:25	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	13:25	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	13:25	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	13:25	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	13:25	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	13:25	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	13:25	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	13:25	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	13:25	LB137816

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	13.8	+/-50	J	100	P	11/06/2025	13:54	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	13:54	LB137816
	Arsenic	5.12	+/-10	U	20.0	P	11/06/2025	13:54	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	13:54	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	13:54	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	13:54	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	13:54	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	13:54	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	13:54	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	13:54	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	13:54	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	13:54	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	13:54	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	13:54	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	13:54	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	13:54	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	13:54	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	13:54	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	13:54	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	13:54	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	13:54	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	13:54	LB137816
CCB02	Aluminum	14.7	+/-50	J	100	P	11/06/2025	15:15	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	15:15	LB137816
	Arsenic	5.12	+/-10	U	20.0	P	11/06/2025	15:15	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	15:15	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	15:15	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	15:15	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	15:15	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	15:15	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	15:15	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	15:15	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	15:15	LB137816
	Lead	3.98	+/-6	J	12.0	P	11/06/2025	15:15	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	15:15	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	15:15	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	15:15	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	15:15	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	15:15	LB137816

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/06/2025	15:15	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	15:15	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	15:15	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	15:15	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	15:15	LB137816
CCB03	Aluminum	14.2	+/-50	J	100	P	11/06/2025	16:06	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	16:06	LB137816
	Arsenic	6.81	+/-10	J	20.0	P	11/06/2025	16:06	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	16:06	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	16:06	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	16:06	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	16:06	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	16:06	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	16:06	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	16:06	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	16:06	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	16:06	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	16:06	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	16:06	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	16:06	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	16:06	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	16:06	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	16:06	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	16:06	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	16:06	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	16:06	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	16:06	LB137816
CCB04	Aluminum	11.3	+/-50	U	100	P	11/06/2025	16:54	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	16:54	LB137816
	Arsenic	6.57	+/-10	J	20.0	P	11/06/2025	16:54	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	16:54	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	16:54	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	16:54	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	16:54	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	16:54	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	16:54	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	16:54	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	16:54	LB137816
	Lead	2.49	+/-6	J	12.0	P	11/06/2025	16:54	LB137816

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/06/2025	16:54	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	16:54	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	16:54	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	16:54	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	16:54	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	16:54	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	16:54	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	16:54	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	16:54	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	16:54	LB137816
CCB05	Aluminum	31.6	+/-50	J	100	P	11/06/2025	17:44	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	17:44	LB137816
	Arsenic	5.74	+/-10	J	20.0	P	11/06/2025	17:44	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	17:44	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	17:44	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	17:44	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	17:44	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	17:44	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	17:44	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	17:44	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	17:44	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	17:44	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	17:44	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	17:44	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	17:44	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	17:44	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	17:44	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	17:44	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	17:44	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	17:44	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	17:44	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	17:44	LB137816
CCB06	Aluminum	21.1	+/-50	J	100	P	11/06/2025	18:33	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	18:33	LB137816
	Arsenic	6.53	+/-10	J	20.0	P	11/06/2025	18:33	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	18:33	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	18:33	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	18:33	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	18:33	LB137816

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	18:33	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	18:33	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	18:33	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	18:33	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	18:33	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	18:33	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	18:33	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	18:33	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	18:33	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	18:33	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	18:33	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	18:33	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	18:33	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	18:33	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	18:33	LB137816
CCB07	Aluminum	32.5	+/-50	J	100	P	11/06/2025	19:15	LB137816
	Antimony	6.76	+/-25	U	50.0	P	11/06/2025	19:15	LB137816
	Arsenic	5.12	+/-10	U	20.0	P	11/06/2025	19:15	LB137816
	Barium	14.6	+/-50	U	100	P	11/06/2025	19:15	LB137816
	Beryllium	0.56	+/-3	U	6.00	P	11/06/2025	19:15	LB137816
	Cadmium	0.50	+/-3	U	6.00	P	11/06/2025	19:15	LB137816
	Calcium	234	+/-1000	U	2000	P	11/06/2025	19:15	LB137816
	Chromium	2.12	+/-5	U	10.0	P	11/06/2025	19:15	LB137816
	Cobalt	2.26	+/-15	U	30.0	P	11/06/2025	19:15	LB137816
	Copper	4.60	+/-10	U	20.0	P	11/06/2025	19:15	LB137816
	Iron	23.4	+/-50	U	100	P	11/06/2025	19:15	LB137816
	Lead	2.30	+/-6	U	12.0	P	11/06/2025	19:15	LB137816
	Magnesium	244	+/-1000	U	2000	P	11/06/2025	19:15	LB137816
	Manganese	5.94	+/-10	U	20.0	P	11/06/2025	19:15	LB137816
	Nickel	3.06	+/-20	U	40.0	P	11/06/2025	19:15	LB137816
	Potassium	918	+/-1000	U	2000	P	11/06/2025	19:15	LB137816
	Selenium	9.64	+/-10	U	20.0	P	11/06/2025	19:15	LB137816
	Silver	1.62	+/-5	U	10.0	P	11/06/2025	19:15	LB137816
	Sodium	868	+/-1000	U	2000	P	11/06/2025	19:15	LB137816
	Thallium	4.38	+/-20	U	40.0	P	11/06/2025	19:15	LB137816
	Vanadium	6.26	+/-20	U	40.0	P	11/06/2025	19:15	LB137816
	Zinc	16.7	+/-20	U	40.0	P	11/06/2025	19:15	LB137816

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	13:42	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	13:42	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	13:42	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	13:42	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	13:42	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	13:42	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	13:42	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	13:42	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	13:42	LB137834
	Vanadium	8.59	+/-20	J	40.0	P	11/07/2025	13:42	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	13:42	LB137834

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	26.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	14:17	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	14:17	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	14:17	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	14:17	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Iron	39.8	+/-50	J	100	P	11/07/2025	14:17	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	14:17	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	14:17	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	14:17	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	14:17	LB137834
	Thallium	9.19	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Vanadium	12.3	+/-20	J	40.0	P	11/07/2025	14:17	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	14:17	LB137834
CCB02	Aluminum	11.3	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	15:14	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	15:14	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	15:14	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	15:14	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	15:14	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	15:14	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	15:14	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	15:14	LB137834

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/07/2025	15:14	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	15:14	LB137834
	Thallium	10.2	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Vanadium	9.57	+/-20	J	40.0	P	11/07/2025	15:14	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	15:14	LB137834
CCB03	Aluminum	11.3	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Antimony	6.76	+/-25	U	50.0	P	11/07/2025	16:07	LB137834
	Arsenic	5.12	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Barium	14.6	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Beryllium	0.56	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Cadmium	0.50	+/-3	U	6.00	P	11/07/2025	16:07	LB137834
	Calcium	234	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Chromium	2.12	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Cobalt	2.26	+/-15	U	30.0	P	11/07/2025	16:07	LB137834
	Copper	4.60	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Iron	23.4	+/-50	U	100	P	11/07/2025	16:07	LB137834
	Lead	2.30	+/-6	U	12.0	P	11/07/2025	16:07	LB137834
	Magnesium	244	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Manganese	5.94	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Nickel	3.06	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Potassium	918	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Selenium	9.64	+/-10	U	20.0	P	11/07/2025	16:07	LB137834
	Silver	1.62	+/-5	U	10.0	P	11/07/2025	16:07	LB137834
	Sodium	868	+/-1000	U	2000	P	11/07/2025	16:07	LB137834
	Thallium	4.38	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Vanadium	6.26	+/-20	U	40.0	P	11/07/2025	16:07	LB137834
	Zinc	16.7	+/-20	U	40.0	P	11/07/2025	16:07	LB137834

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
CCB11	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

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Metals
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PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170407BL		**WATER**		**Batch Number:**	**PB170407**		**Prep Date:**	**11/05/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/06/2025	08:25	LB137791
PB170409BL		**WATER**		**Batch Number:**	**PB170409**		**Prep Date:**	**11/06/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/06/2025	14:25	LB137799

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Metals
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PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170392BL		**WATER**		**Batch Number:**	**PB170392**		**Prep Date:**	**11/05/2025**	
	Aluminum	15.0	<25	J	50.0	P	11/05/2025	15:25	LB137798
	Antimony	3.38	<12.5	U	25.0	P	11/05/2025	15:25	LB137798
	Arsenic	2.56	<5	U	10.0	P	11/05/2025	15:25	LB137798
	Barium	7.28	<25	U	50.0	P	11/05/2025	15:25	LB137798
	Beryllium	0.28	<1.5	U	3.00	P	11/05/2025	15:25	LB137798
	Cadmium	0.25	<1.5	U	3.00	P	11/05/2025	15:25	LB137798
	Calcium	117	<500	U	1000	P	11/05/2025	15:25	LB137798
	Chromium	1.06	<2.5	U	5.00	P	11/05/2025	15:25	LB137798
	Cobalt	1.13	<7.5	U	15.0	P	11/05/2025	15:25	LB137798
	Copper	2.30	<5	U	10.0	P	11/05/2025	15:25	LB137798
	Iron	21.3	<25	J	50.0	P	11/05/2025	15:25	LB137798
	Lead	1.15	<3	U	6.00	P	11/05/2025	15:25	LB137798
	Magnesium	122	<500	U	1000	P	11/05/2025	15:25	LB137798
	Manganese	2.97	<5	U	10.0	P	11/05/2025	15:25	LB137798
	Nickel	1.53	<10	U	20.0	P	11/05/2025	15:25	LB137798
	Potassium	459	<500	U	1000	P	11/05/2025	15:25	LB137798
	Selenium	4.82	<5	U	10.0	P	11/05/2025	15:25	LB137798
	Silver	0.81	<2.5	U	5.00	P	11/05/2025	15:25	LB137798
	Sodium	434	<500	U	1000	P	11/05/2025	15:25	LB137798
	Thallium	2.19	<10	U	20.0	P	11/05/2025	15:25	LB137798
	Vanadium	3.13	<10	U	20.0	P	11/05/2025	15:25	LB137798
	Zinc	8.33	<10	U	20.0	P	11/05/2025	15:25	LB137798

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170411BL		**WATER**		**Batch Number:**	**PB170411**		**Prep Date:**	**11/06/2025**	
	Aluminum	5.67	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Antimony	3.38	<12.5	U	25.0	P	11/07/2025	14:52	LB137834
	Arsenic	2.56	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Barium	7.28	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Beryllium	0.28	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Cadmium	0.25	<1.5	U	3.00	P	11/07/2025	14:52	LB137834
	Calcium	117	<500	U	1000	P	11/07/2025	14:52	LB137834
	Chromium	1.06	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
	Cobalt	1.13	<7.5	U	15.0	P	11/07/2025	14:52	LB137834
	Copper	2.30	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Iron	11.7	<25	U	50.0	P	11/07/2025	14:52	LB137834
	Lead	1.15	<3	U	6.00	P	11/07/2025	14:52	LB137834
	Magnesium	122	<500	U	1000	P	11/07/2025	14:52	LB137834
	Manganese	2.97	<5	U	10.0	P	11/07/2025	14:52	LB137834
	Nickel	1.53	<10	U	20.0	P	11/07/2025	14:52	LB137834

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Metals
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PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Instrument: P4

Potassium	459	<500	U	1000	P	11/07/2025	14:52	LB137834
Selenium	4.82	<5	U	10.0	P	11/07/2025	14:52	LB137834
Silver	0.81	<2.5	U	5.00	P	11/07/2025	14:52	LB137834
Sodium	434	<500	U	1000	P	11/07/2025	14:52	LB137834
Thallium	6.65	<10	J	20.0	P	11/07/2025	14:52	LB137834
Vanadium	3.13	<10	U	20.0	P	11/07/2025	14:52	LB137834
Zinc	8.33	<10	U	20.0	P	11/07/2025	14:52	LB137834

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV100	Mercury	4.21	4.0	105	90 - 110	CV	11/06/2025	08:06	LB137791

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV31	Mercury	4.99	5.0	100	90 - 110	CV	11/06/2025	08:11	LB137791
CCV32	Mercury	5.20	5.0	104	90 - 110	CV	11/06/2025	08:42	LB137791
CCV33	Mercury	5.11	5.0	102	90 - 110	CV	11/06/2025	09:07	LB137791
CCV34	Mercury	5.30	5.0	106	90 - 110	CV	11/06/2025	09:16	LB137791

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV101	Mercury	3.70	4.0	92	90 - 110	CV	11/06/2025	13:37	LB137799

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV34	Mercury	4.95	5.0	99	90 - 110	CV	11/06/2025	13:41	LB137799
CCV35	Mercury	4.93	5.0	99	90 - 110	CV	11/06/2025	14:09	LB137799
CCV36	Mercury	4.74	5.0	95	90 - 110	CV	11/06/2025	14:36	LB137799
CCV37	Mercury	4.76	5.0	95	90 - 110	CV	11/06/2025	14:57	LB137799
CCV38	Mercury	4.86	5.0	97	90 - 110	CV	11/06/2025	15:13	LB137799

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Antimony	3980	4000	100	90 - 110	P	11/05/2025	11:32	LB137798
	Arsenic	3870	4000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Barium	7930	8000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Beryllium	200	200	100	90 - 110	P	11/05/2025	11:32	LB137798
	Cadmium	1930	2000	96	90 - 110	P	11/05/2025	11:32	LB137798
	Calcium	19600	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Chromium	795	800	99	90 - 110	P	11/05/2025	11:32	LB137798
	Cobalt	1950	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Copper	989	1000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Iron	3920	4000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Lead	3780	4000	94	90 - 110	P	11/05/2025	11:32	LB137798
	Magnesium	19600	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Manganese	1980	2000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Nickel	1950	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Potassium	19300	20000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Selenium	3890	4000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Silver	969	1000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Sodium	19500	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Thallium	3960	4000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Vanadium	1970	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Zinc	1960	2000	98	90 - 110	P	11/05/2025	11:32	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	111	100	112	80 - 120	P	11/05/2025	11:36	LB137798
	Antimony	53.7	50.0	107	80 - 120	P	11/05/2025	11:36	LB137798
	Arsenic	20.7	20.0	103	80 - 120	P	11/05/2025	11:36	LB137798
	Barium	102	100	102	80 - 120	P	11/05/2025	11:36	LB137798
	Beryllium	6.59	6.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Cadmium	6.06	6.0	101	80 - 120	P	11/05/2025	11:36	LB137798
	Calcium	2110	2000	106	80 - 120	P	11/05/2025	11:36	LB137798
	Chromium	11.0	10.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Cobalt	30.5	30.0	102	80 - 120	P	11/05/2025	11:36	LB137798
	Copper	22.1	20.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Iron	109	100	109	80 - 120	P	11/05/2025	11:36	LB137798
	Lead	12.7	12.0	106	80 - 120	P	11/05/2025	11:36	LB137798
	Magnesium	2200	2000	110	80 - 120	P	11/05/2025	11:36	LB137798
	Manganese	22.2	20.0	111	80 - 120	P	11/05/2025	11:36	LB137798
	Nickel	41.1	40.0	103	80 - 120	P	11/05/2025	11:36	LB137798
	Potassium	1950	2000	97	80 - 120	P	11/05/2025	11:36	LB137798
	Selenium	22.3	20.0	112	80 - 120	P	11/05/2025	11:36	LB137798
	Silver	11.1	10.0	111	80 - 120	P	11/05/2025	11:36	LB137798
	Sodium	1920	2000	96	80 - 120	P	11/05/2025	11:36	LB137798
	Thallium	42.1	40.0	105	80 - 120	P	11/05/2025	11:36	LB137798
	Vanadium	37.5	40.0	94	80 - 120	P	11/05/2025	11:36	LB137798
	Zinc	44.5	40.0	111	80 - 120	P	11/05/2025	11:36	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9730	10000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Antimony	4920	5000	98	90 - 110	P	11/05/2025	12:23	LB137798
	Arsenic	4920	5000	98	90 - 110	P	11/05/2025	12:23	LB137798
	Barium	9470	10000	95	90 - 110	P	11/05/2025	12:23	LB137798
	Beryllium	244	250	98	90 - 110	P	11/05/2025	12:23	LB137798
	Cadmium	2450	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Calcium	24200	25000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Chromium	1000	1000	100	90 - 110	P	11/05/2025	12:23	LB137798
	Cobalt	2440	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Copper	1230	1250	99	90 - 110	P	11/05/2025	12:23	LB137798
	Iron	4810	5000	96	90 - 110	P	11/05/2025	12:23	LB137798
	Lead	4870	5000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Magnesium	24400	25000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Manganese	2380	2500	95	90 - 110	P	11/05/2025	12:23	LB137798
	Nickel	2450	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Potassium	24000	25000	96	90 - 110	P	11/05/2025	12:23	LB137798
	Selenium	4980	5000	100	90 - 110	P	11/05/2025	12:23	LB137798
	Silver	1230	1250	99	90 - 110	P	11/05/2025	12:23	LB137798
	Sodium	23500	25000	94	90 - 110	P	11/05/2025	12:23	LB137798
	Thallium	5130	5000	103	90 - 110	P	11/05/2025	12:23	LB137798
	Vanadium	2430	2500	97	90 - 110	P	11/05/2025	12:23	LB137798
	Zinc	2480	2500	99	90 - 110	P	11/05/2025	12:23	LB137798
CCV02	Aluminum	9580	10000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Antimony	4940	5000	99	90 - 110	P	11/05/2025	13:21	LB137798
	Arsenic	4910	5000	98	90 - 110	P	11/05/2025	13:21	LB137798
	Barium	9430	10000	94	90 - 110	P	11/05/2025	13:21	LB137798
	Beryllium	238	250	95	90 - 110	P	11/05/2025	13:21	LB137798
	Cadmium	2430	2500	97	90 - 110	P	11/05/2025	13:21	LB137798
	Calcium	24000	25000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Chromium	995	1000	100	90 - 110	P	11/05/2025	13:21	LB137798
	Cobalt	2430	2500	97	90 - 110	P	11/05/2025	13:21	LB137798
	Copper	1230	1250	99	90 - 110	P	11/05/2025	13:21	LB137798
	Iron	4940	5000	99	90 - 110	P	11/05/2025	13:21	LB137798
	Lead	4820	5000	96	90 - 110	P	11/05/2025	13:21	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23900	25000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Manganese	2370	2500	95	90 - 110	P	11/05/2025	13:21	LB137798
	Nickel	2450	2500	98	90 - 110	P	11/05/2025	13:21	LB137798
	Potassium	24300	25000	97	90 - 110	P	11/05/2025	13:21	LB137798
	Selenium	5000	5000	100	90 - 110	P	11/05/2025	13:21	LB137798
	Silver	1230	1250	98	90 - 110	P	11/05/2025	13:21	LB137798
	Sodium	23200	25000	93	90 - 110	P	11/05/2025	13:21	LB137798
	Thallium	5280	5000	106	90 - 110	P	11/05/2025	13:21	LB137798
	Vanadium	2410	2500	96	90 - 110	P	11/05/2025	13:21	LB137798
	Zinc	2450	2500	98	90 - 110	P	11/05/2025	13:21	LB137798
CCV03	Aluminum	9890	10000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Antimony	5010	5000	100	90 - 110	P	11/05/2025	14:14	LB137798
	Arsenic	4970	5000	100	90 - 110	P	11/05/2025	14:14	LB137798
	Barium	9720	10000	97	90 - 110	P	11/05/2025	14:14	LB137798
	Beryllium	249	250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Cadmium	2460	2500	98	90 - 110	P	11/05/2025	14:14	LB137798
	Calcium	24700	25000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Chromium	1010	1000	101	90 - 110	P	11/05/2025	14:14	LB137798
	Cobalt	2470	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Iron	4960	5000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Lead	4910	5000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Magnesium	24700	25000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Manganese	2470	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Nickel	2500	2500	100	90 - 110	P	11/05/2025	14:14	LB137798
	Potassium	24400	25000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Selenium	5050	5000	101	90 - 110	P	11/05/2025	14:14	LB137798
	Silver	1250	1250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Sodium	24500	25000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Thallium	4950	5000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Vanadium	2480	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Zinc	2500	2500	100	90 - 110	P	11/05/2025	14:14	LB137798
CCV04	Aluminum	9720	10000	97	90 - 110	P	11/05/2025	15:16	LB137798
	Antimony	4970	5000	99	90 - 110	P	11/05/2025	15:16	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Barium	9810	10000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Beryllium	248	250	99	90 - 110	P	11/05/2025	15:16	LB137798
	Cadmium	2440	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Calcium	24700	25000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Chromium	990	1000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Cobalt	2460	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	15:16	LB137798
	Iron	4910	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Lead	4880	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Magnesium	24500	25000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Manganese	2480	2500	99	90 - 110	P	11/05/2025	15:16	LB137798
	Nickel	2490	2500	100	90 - 110	P	11/05/2025	15:16	LB137798
	Potassium	24100	25000	96	90 - 110	P	11/05/2025	15:16	LB137798
	Selenium	4960	5000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Silver	1240	1250	99	90 - 110	P	11/05/2025	15:16	LB137798
	Sodium	24100	25000	96	90 - 110	P	11/05/2025	15:16	LB137798
	Thallium	5150	5000	103	90 - 110	P	11/05/2025	15:16	LB137798
	Vanadium	2450	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Zinc	2480	2500	99	90 - 110	P	11/05/2025	15:16	LB137798
CCV05	Aluminum	10100	10000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Antimony	5060	5000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Arsenic	4960	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Barium	9890	10000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Beryllium	256	250	102	90 - 110	P	11/05/2025	16:17	LB137798
	Cadmium	2450	2500	98	90 - 110	P	11/05/2025	16:17	LB137798
	Calcium	25200	25000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Chromium	1010	1000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Cobalt	2480	2500	99	90 - 110	P	11/05/2025	16:17	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	16:17	LB137798
	Iron	4960	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Lead	4930	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Magnesium	25300	25000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Manganese	2540	2500	102	90 - 110	P	11/05/2025	16:17	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2510	2500	100	90 - 110	P	11/05/2025	16:17	LB137798
	Potassium	24900	25000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Selenium	5040	5000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Silver	1260	1250	100	90 - 110	P	11/05/2025	16:17	LB137798
	Sodium	25900	25000	104	90 - 110	P	11/05/2025	16:17	LB137798
	Thallium	5360	5000	107	90 - 110	P	11/05/2025	16:17	LB137798
	Vanadium	2520	2500	101	90 - 110	P	11/05/2025	16:17	LB137798
	Zinc	2520	2500	101	90 - 110	P	11/05/2025	16:17	LB137798
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Antimony	5040	5000	101	90 - 110	P	11/05/2025	17:04	LB137798
	Arsenic	4990	5000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Barium	9670	10000	97	90 - 110	P	11/05/2025	17:04	LB137798
	Beryllium	258	250	103	90 - 110	P	11/05/2025	17:04	LB137798
	Cadmium	2500	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Calcium	25000	25000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Chromium	1030	1000	103	90 - 110	P	11/05/2025	17:04	LB137798
	Cobalt	2510	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Copper	1270	1250	102	90 - 110	P	11/05/2025	17:04	LB137798
	Iron	4890	5000	98	90 - 110	P	11/05/2025	17:04	LB137798
	Lead	5000	5000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Magnesium	25200	25000	101	90 - 110	P	11/05/2025	17:04	LB137798
	Manganese	2510	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Nickel	2560	2500	102	90 - 110	P	11/05/2025	17:04	LB137798
	Potassium	26100	25000	105	90 - 110	P	11/05/2025	17:04	LB137798
	Selenium	5090	5000	102	90 - 110	P	11/05/2025	17:04	LB137798
	Silver	1260	1250	101	90 - 110	P	11/05/2025	17:04	LB137798
	Sodium	30000	25000	120	90 - 110	P	11/05/2025	17:04	LB137798
	Thallium	5480	5000	110	90 - 110	P	11/05/2025	17:04	LB137798
	Vanadium	2500	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Zinc	2520	2500	101	90 - 110	P	11/05/2025	17:04	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7820	8000	98	90 - 110	P	11/06/2025	13:01	LB137816
	Antimony	4050	4000	101	90 - 110	P	11/06/2025	13:01	LB137816
	Arsenic	3890	4000	97	90 - 110	P	11/06/2025	13:01	LB137816
	Barium	7940	8000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Beryllium	202	200	101	90 - 110	P	11/06/2025	13:01	LB137816
	Cadmium	1900	2000	95	90 - 110	P	11/06/2025	13:01	LB137816
	Calcium	19700	20000	98	90 - 110	P	11/06/2025	13:01	LB137816
	Chromium	808	800	101	90 - 110	P	11/06/2025	13:01	LB137816
	Cobalt	1970	2000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Copper	1020	1000	102	90 - 110	P	11/06/2025	13:01	LB137816
	Iron	3970	4000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Lead	3780	4000	94	90 - 110	P	11/06/2025	13:01	LB137816
	Magnesium	19700	20000	98	90 - 110	P	11/06/2025	13:01	LB137816
	Manganese	1980	2000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Nickel	1970	2000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Potassium	20100	20000	100	90 - 110	P	11/06/2025	13:01	LB137816
	Selenium	3870	4000	97	90 - 110	P	11/06/2025	13:01	LB137816
	Silver	997	1000	100	90 - 110	P	11/06/2025	13:01	LB137816
	Sodium	19700	20000	99	90 - 110	P	11/06/2025	13:01	LB137816
	Thallium	3790	4000	95	90 - 110	P	11/06/2025	13:01	LB137816
	Vanadium	1960	2000	98	90 - 110	P	11/06/2025	13:01	LB137816
	Zinc	1990	2000	100	90 - 110	P	11/06/2025	13:01	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	111	100	111	80 - 120	P	11/06/2025	13:10	LB137816
	Antimony	58.0	50.0	116	80 - 120	P	11/06/2025	13:10	LB137816
	Arsenic	22.8	20.0	114	80 - 120	P	11/06/2025	13:10	LB137816
	Barium	98.1	100	98	80 - 120	P	11/06/2025	13:10	LB137816
	Beryllium	6.65	6.0	111	80 - 120	P	11/06/2025	13:10	LB137816
	Cadmium	6.04	6.0	101	80 - 120	P	11/06/2025	13:10	LB137816
	Calcium	2110	2000	106	80 - 120	P	11/06/2025	13:10	LB137816
	Chromium	10.9	10.0	109	80 - 120	P	11/06/2025	13:10	LB137816
	Cobalt	30.2	30.0	101	80 - 120	P	11/06/2025	13:10	LB137816
	Copper	23.5	20.0	118	80 - 120	P	11/06/2025	13:10	LB137816
	Iron	85.4	100	85	80 - 120	P	11/06/2025	13:10	LB137816
	Lead	14.0	12.0	116	80 - 120	P	11/06/2025	13:10	LB137816
	Magnesium	2190	2000	110	80 - 120	P	11/06/2025	13:10	LB137816
	Manganese	20.1	20.0	101	80 - 120	P	11/06/2025	13:10	LB137816
	Nickel	40.5	40.0	101	80 - 120	P	11/06/2025	13:10	LB137816
	Potassium	1970	2000	99	80 - 120	P	11/06/2025	13:10	LB137816
	Selenium	20.9	20.0	104	80 - 120	P	11/06/2025	13:10	LB137816
	Silver	10.2	10.0	102	80 - 120	P	11/06/2025	13:10	LB137816
	Sodium	1820	2000	91	80 - 120	P	11/06/2025	13:10	LB137816
	Thallium	37.6	40.0	94	80 - 120	P	11/06/2025	13:10	LB137816
	Vanadium	35.5	40.0	89	80 - 120	P	11/06/2025	13:10	LB137816
	Zinc	42.3	40.0	106	80 - 120	P	11/06/2025	13:10	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/06/2025	13:50	LB137816
	Antimony	4970	5000	99	90 - 110	P	11/06/2025	13:50	LB137816
	Arsenic	4900	5000	98	90 - 110	P	11/06/2025	13:50	LB137816
	Barium	9680	10000	97	90 - 110	P	11/06/2025	13:50	LB137816
	Beryllium	247	250	99	90 - 110	P	11/06/2025	13:50	LB137816
	Cadmium	2440	2500	98	90 - 110	P	11/06/2025	13:50	LB137816
	Calcium	25000	25000	100	90 - 110	P	11/06/2025	13:50	LB137816
	Chromium	1000	1000	100	90 - 110	P	11/06/2025	13:50	LB137816
	Cobalt	2460	2500	98	90 - 110	P	11/06/2025	13:50	LB137816
	Copper	1250	1250	100	90 - 110	P	11/06/2025	13:50	LB137816
	Iron	4870	5000	97	90 - 110	P	11/06/2025	13:50	LB137816
	Lead	4880	5000	98	90 - 110	P	11/06/2025	13:50	LB137816
	Magnesium	25100	25000	100	90 - 110	P	11/06/2025	13:50	LB137816
	Manganese	2460	2500	98	90 - 110	P	11/06/2025	13:50	LB137816
	Nickel	2460	2500	98	90 - 110	P	11/06/2025	13:50	LB137816
	Potassium	23800	25000	95	90 - 110	P	11/06/2025	13:50	LB137816
	Selenium	4900	5000	98	90 - 110	P	11/06/2025	13:50	LB137816
	Silver	1220	1250	98	90 - 110	P	11/06/2025	13:50	LB137816
	Sodium	23500	25000	94	90 - 110	P	11/06/2025	13:50	LB137816
	Thallium	4940	5000	99	90 - 110	P	11/06/2025	13:50	LB137816
	Vanadium	2500	2500	100	90 - 110	P	11/06/2025	13:50	LB137816
	Zinc	2470	2500	99	90 - 110	P	11/06/2025	13:50	LB137816
CCV02	Aluminum	10100	10000	101	90 - 110	P	11/06/2025	15:03	LB137816
	Antimony	5070	5000	102	90 - 110	P	11/06/2025	15:03	LB137816
	Arsenic	4990	5000	100	90 - 110	P	11/06/2025	15:03	LB137816
	Barium	10100	10000	101	90 - 110	P	11/06/2025	15:03	LB137816
	Beryllium	252	250	101	90 - 110	P	11/06/2025	15:03	LB137816
	Cadmium	2460	2500	98	90 - 110	P	11/06/2025	15:03	LB137816
	Calcium	25300	25000	101	90 - 110	P	11/06/2025	15:03	LB137816
	Chromium	998	1000	100	90 - 110	P	11/06/2025	15:03	LB137816
	Cobalt	2480	2500	99	90 - 110	P	11/06/2025	15:03	LB137816
	Copper	1260	1250	100	90 - 110	P	11/06/2025	15:03	LB137816
	Iron	4960	5000	99	90 - 110	P	11/06/2025	15:03	LB137816
	Lead	4900	5000	98	90 - 110	P	11/06/2025	15:03	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25300	25000	101	90 - 110	P	11/06/2025	15:03	LB137816
	Manganese	2550	2500	102	90 - 110	P	11/06/2025	15:03	LB137816
	Nickel	2470	2500	99	90 - 110	P	11/06/2025	15:03	LB137816
	Potassium	25400	25000	102	90 - 110	P	11/06/2025	15:03	LB137816
	Selenium	4970	5000	99	90 - 110	P	11/06/2025	15:03	LB137816
	Silver	1240	1250	99	90 - 110	P	11/06/2025	15:03	LB137816
	Sodium	26200	25000	105	90 - 110	P	11/06/2025	15:03	LB137816
	Thallium	5040	5000	101	90 - 110	P	11/06/2025	15:03	LB137816
	Vanadium	2550	2500	102	90 - 110	P	11/06/2025	15:03	LB137816
	Zinc	2480	2500	99	90 - 110	P	11/06/2025	15:03	LB137816
CCV03	Aluminum	10100	10000	102	90 - 110	P	11/06/2025	16:02	LB137816
	Antimony	4990	5000	100	90 - 110	P	11/06/2025	16:02	LB137816
	Arsenic	4870	5000	97	90 - 110	P	11/06/2025	16:02	LB137816
	Barium	10200	10000	102	90 - 110	P	11/06/2025	16:02	LB137816
	Beryllium	249	250	100	90 - 110	P	11/06/2025	16:02	LB137816
	Cadmium	2400	2500	96	90 - 110	P	11/06/2025	16:02	LB137816
	Calcium	25200	25000	101	90 - 110	P	11/06/2025	16:02	LB137816
	Chromium	977	1000	98	90 - 110	P	11/06/2025	16:02	LB137816
	Cobalt	2430	2500	97	90 - 110	P	11/06/2025	16:02	LB137816
	Copper	1230	1250	99	90 - 110	P	11/06/2025	16:02	LB137816
	Iron	4890	5000	98	90 - 110	P	11/06/2025	16:02	LB137816
	Lead	4780	5000	96	90 - 110	P	11/06/2025	16:02	LB137816
	Magnesium	25100	25000	100	90 - 110	P	11/06/2025	16:02	LB137816
	Manganese	2550	2500	102	90 - 110	P	11/06/2025	16:02	LB137816
	Nickel	2420	2500	97	90 - 110	P	11/06/2025	16:02	LB137816
	Potassium	24500	25000	98	90 - 110	P	11/06/2025	16:02	LB137816
	Selenium	4820	5000	96	90 - 110	P	11/06/2025	16:02	LB137816
	Silver	1220	1250	98	90 - 110	P	11/06/2025	16:02	LB137816
	Sodium	25100	25000	100	90 - 110	P	11/06/2025	16:02	LB137816
	Thallium	4590	5000	92	90 - 110	P	11/06/2025	16:02	LB137816
	Vanadium	2540	2500	102	90 - 110	P	11/06/2025	16:02	LB137816
	Zinc	2460	2500	98	90 - 110	P	11/06/2025	16:02	LB137816
CCV04	Aluminum	9980	10000	100	90 - 110	P	11/06/2025	16:50	LB137816
	Antimony	5000	5000	100	90 - 110	P	11/06/2025	16:50	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	11/06/2025	16:50	LB137816
	Barium	9780	10000	98	90 - 110	P	11/06/2025	16:50	LB137816
	Beryllium	246	250	98	90 - 110	P	11/06/2025	16:50	LB137816
	Cadmium	2420	2500	97	90 - 110	P	11/06/2025	16:50	LB137816
	Calcium	24800	25000	99	90 - 110	P	11/06/2025	16:50	LB137816
	Chromium	995	1000	100	90 - 110	P	11/06/2025	16:50	LB137816
	Cobalt	2440	2500	98	90 - 110	P	11/06/2025	16:50	LB137816
	Copper	1240	1250	99	90 - 110	P	11/06/2025	16:50	LB137816
	Iron	4870	5000	97	90 - 110	P	11/06/2025	16:50	LB137816
	Lead	4830	5000	96	90 - 110	P	11/06/2025	16:50	LB137816
	Magnesium	25100	25000	100	90 - 110	P	11/06/2025	16:50	LB137816
	Manganese	2460	2500	99	90 - 110	P	11/06/2025	16:50	LB137816
	Nickel	2430	2500	97	90 - 110	P	11/06/2025	16:50	LB137816
	Potassium	24000	25000	96	90 - 110	P	11/06/2025	16:50	LB137816
	Selenium	4880	5000	98	90 - 110	P	11/06/2025	16:50	LB137816
	Silver	1220	1250	98	90 - 110	P	11/06/2025	16:50	LB137816
	Sodium	23400	25000	94	90 - 110	P	11/06/2025	16:50	LB137816
	Thallium	4900	5000	98	90 - 110	P	11/06/2025	16:50	LB137816
	Vanadium	2500	2500	100	90 - 110	P	11/06/2025	16:50	LB137816
	Zinc	2450	2500	98	90 - 110	P	11/06/2025	16:50	LB137816
CCV05	Aluminum	9940	10000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Antimony	5040	5000	101	90 - 110	P	11/06/2025	17:40	LB137816
	Arsenic	4960	5000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Barium	9710	10000	97	90 - 110	P	11/06/2025	17:40	LB137816
	Beryllium	246	250	98	90 - 110	P	11/06/2025	17:40	LB137816
	Cadmium	2440	2500	97	90 - 110	P	11/06/2025	17:40	LB137816
	Calcium	24700	25000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Chromium	1000	1000	100	90 - 110	P	11/06/2025	17:40	LB137816
	Cobalt	2460	2500	98	90 - 110	P	11/06/2025	17:40	LB137816
	Copper	1240	1250	100	90 - 110	P	11/06/2025	17:40	LB137816
	Iron	4950	5000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Lead	4850	5000	97	90 - 110	P	11/06/2025	17:40	LB137816
	Magnesium	24800	25000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Manganese	2450	2500	98	90 - 110	P	11/06/2025	17:40	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2440	2500	98	90 - 110	P	11/06/2025	17:40	LB137816
	Potassium	24000	25000	96	90 - 110	P	11/06/2025	17:40	LB137816
	Selenium	4930	5000	99	90 - 110	P	11/06/2025	17:40	LB137816
	Silver	1240	1250	99	90 - 110	P	11/06/2025	17:40	LB137816
	Sodium	23300	25000	93	90 - 110	P	11/06/2025	17:40	LB137816
	Thallium	5020	5000	100	90 - 110	P	11/06/2025	17:40	LB137816
	Vanadium	2510	2500	100	90 - 110	P	11/06/2025	17:40	LB137816
	Zinc	2490	2500	100	90 - 110	P	11/06/2025	17:40	LB137816
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/06/2025	18:29	LB137816
	Antimony	5060	5000	101	90 - 110	P	11/06/2025	18:29	LB137816
	Arsenic	4960	5000	99	90 - 110	P	11/06/2025	18:29	LB137816
	Barium	9880	10000	99	90 - 110	P	11/06/2025	18:29	LB137816
	Beryllium	246	250	98	90 - 110	P	11/06/2025	18:29	LB137816
	Cadmium	2440	2500	98	90 - 110	P	11/06/2025	18:29	LB137816
	Calcium	25000	25000	100	90 - 110	P	11/06/2025	18:29	LB137816
	Chromium	997	1000	100	90 - 110	P	11/06/2025	18:29	LB137816
	Cobalt	2470	2500	99	90 - 110	P	11/06/2025	18:29	LB137816
	Copper	1250	1250	100	90 - 110	P	11/06/2025	18:29	LB137816
	Iron	4940	5000	99	90 - 110	P	11/06/2025	18:29	LB137816
	Lead	4870	5000	97	90 - 110	P	11/06/2025	18:29	LB137816
	Magnesium	24800	25000	99	90 - 110	P	11/06/2025	18:29	LB137816
	Manganese	2490	2500	100	90 - 110	P	11/06/2025	18:29	LB137816
	Nickel	2450	2500	98	90 - 110	P	11/06/2025	18:29	LB137816
	Potassium	24200	25000	97	90 - 110	P	11/06/2025	18:29	LB137816
	Selenium	4920	5000	98	90 - 110	P	11/06/2025	18:29	LB137816
	Silver	1230	1250	98	90 - 110	P	11/06/2025	18:29	LB137816
	Sodium	23900	25000	96	90 - 110	P	11/06/2025	18:29	LB137816
	Thallium	4800	5000	96	90 - 110	P	11/06/2025	18:29	LB137816
	Vanadium	2520	2500	101	90 - 110	P	11/06/2025	18:29	LB137816
	Zinc	2480	2500	99	90 - 110	P	11/06/2025	18:29	LB137816
CCV07	Aluminum	9760	10000	98	90 - 110	P	11/06/2025	19:11	LB137816
	Antimony	4990	5000	100	90 - 110	P	11/06/2025	19:11	LB137816
	Arsenic	4860	5000	97	90 - 110	P	11/06/2025	19:11	LB137816
	Barium	9720	10000	97	90 - 110	P	11/06/2025	19:11	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3534
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	243	250	97	90 - 110	P	11/06/2025	19:11	LB137816
	Cadmium	2390	2500	96	90 - 110	P	11/06/2025	19:11	LB137816
	Calcium	24500	25000	98	90 - 110	P	11/06/2025	19:11	LB137816
	Chromium	981	1000	98	90 - 110	P	11/06/2025	19:11	LB137816
	Cobalt	2420	2500	97	90 - 110	P	11/06/2025	19:11	LB137816
	Copper	1230	1250	98	90 - 110	P	11/06/2025	19:11	LB137816
	Iron	4940	5000	99	90 - 110	P	11/06/2025	19:11	LB137816
	Lead	4780	5000	96	90 - 110	P	11/06/2025	19:11	LB137816
	Magnesium	24400	25000	98	90 - 110	P	11/06/2025	19:11	LB137816
	Manganese	2440	2500	98	90 - 110	P	11/06/2025	19:11	LB137816
	Nickel	2410	2500	96	90 - 110	P	11/06/2025	19:11	LB137816
	Potassium	24300	25000	97	90 - 110	P	11/06/2025	19:11	LB137816
	Selenium	4820	5000	96	90 - 110	P	11/06/2025	19:11	LB137816
	Silver	1220	1250	98	90 - 110	P	11/06/2025	19:11	LB137816
	Sodium	23800	25000	95	90 - 110	P	11/06/2025	19:11	LB137816
	Thallium	4620	5000	92	90 - 110	P	11/06/2025	19:11	LB137816
	Vanadium	2480	2500	99	90 - 110	P	11/06/2025	19:11	LB137816
	Zinc	2450	2500	98	90 - 110	P	11/06/2025	19:11	LB137816

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7920	8000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Antimony	4050	4000	101	90 - 110	P	11/07/2025	13:19	LB137834
	Arsenic	3910	4000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Barium	7960	8000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Beryllium	206	200	103	90 - 110	P	11/07/2025	13:19	LB137834
	Cadmium	1910	2000	96	90 - 110	P	11/07/2025	13:19	LB137834
	Calcium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Chromium	803	800	100	90 - 110	P	11/07/2025	13:19	LB137834
	Cobalt	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Copper	1020	1000	102	90 - 110	P	11/07/2025	13:19	LB137834
	Iron	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Lead	4160	4000	104	90 - 110	P	11/07/2025	13:19	LB137834
	Magnesium	19700	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Manganese	2000	2000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Nickel	1970	2000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Potassium	19500	20000	98	90 - 110	P	11/07/2025	13:19	LB137834
	Selenium	3960	4000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Silver	1000	1000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Sodium	19900	20000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Thallium	4000	4000	100	90 - 110	P	11/07/2025	13:19	LB137834
	Vanadium	1980	2000	99	90 - 110	P	11/07/2025	13:19	LB137834
	Zinc	1990	2000	100	90 - 110	P	11/07/2025	13:19	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	117	100	117	80 - 120	P	11/07/2025	13:36	LB137834
	Antimony	53.3	50.0	107	80 - 120	P	11/07/2025	13:36	LB137834
	Arsenic	19.3	20.0	96	80 - 120	P	11/07/2025	13:36	LB137834
	Barium	103	100	103	80 - 120	P	11/07/2025	13:36	LB137834
	Beryllium	6.69	6.0	112	80 - 120	P	11/07/2025	13:36	LB137834
	Cadmium	5.88	6.0	98	80 - 120	P	11/07/2025	13:36	LB137834
	Calcium	2120	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Chromium	9.89	10.0	99	80 - 120	P	11/07/2025	13:36	LB137834
	Cobalt	30.5	30.0	102	80 - 120	P	11/07/2025	13:36	LB137834
	Copper	22.7	20.0	113	80 - 120	P	11/07/2025	13:36	LB137834
	Iron	95.6	100	96	80 - 120	P	11/07/2025	13:36	LB137834
	Lead	12.5	12.0	104	80 - 120	P	11/07/2025	13:36	LB137834
	Magnesium	2130	2000	106	80 - 120	P	11/07/2025	13:36	LB137834
	Manganese	23.3	20.0	117	80 - 120	P	11/07/2025	13:36	LB137834
	Nickel	42.1	40.0	105	80 - 120	P	11/07/2025	13:36	LB137834
	Potassium	1970	2000	98	80 - 120	P	11/07/2025	13:36	LB137834
	Selenium	23.2	20.0	116	80 - 120	P	11/07/2025	13:36	LB137834
	Silver	8.99	10.0	90	80 - 120	P	11/07/2025	13:36	LB137834
	Sodium	2050	2000	102	80 - 120	P	11/07/2025	13:36	LB137834
	Thallium	47.2	40.0	118	80 - 120	P	11/07/2025	13:36	LB137834
	Vanadium	46.0	40.0	115	80 - 120	P	11/07/2025	13:36	LB137834
	Zinc	42.8	40.0	107	80 - 120	P	11/07/2025	13:36	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Antimony	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Arsenic	5030	5000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Barium	10200	10000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Beryllium	256	250	102	90 - 110	P	11/07/2025	14:12	LB137834
	Cadmium	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Calcium	25400	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Chromium	990	1000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Cobalt	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Copper	1260	1250	101	90 - 110	P	11/07/2025	14:12	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Lead	4980	5000	100	90 - 110	P	11/07/2025	14:12	LB137834
	Magnesium	25200	25000	101	90 - 110	P	11/07/2025	14:12	LB137834
	Manganese	2580	2500	103	90 - 110	P	11/07/2025	14:12	LB137834
	Nickel	2490	2500	100	90 - 110	P	11/07/2025	14:12	LB137834
	Potassium	24300	25000	97	90 - 110	P	11/07/2025	14:12	LB137834
	Selenium	5080	5000	102	90 - 110	P	11/07/2025	14:12	LB137834
	Silver	1240	1250	99	90 - 110	P	11/07/2025	14:12	LB137834
	Sodium	24800	25000	99	90 - 110	P	11/07/2025	14:12	LB137834
	Thallium	4820	5000	96	90 - 110	P	11/07/2025	14:12	LB137834
	Vanadium	2540	2500	102	90 - 110	P	11/07/2025	14:12	LB137834
	Zinc	2480	2500	99	90 - 110	P	11/07/2025	14:12	LB137834
CCV02	Aluminum	10100	10000	101	90 - 110	P	11/07/2025	15:04	LB137834
	Antimony	4980	5000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Arsenic	4920	5000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Barium	10000	10000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Beryllium	251	250	101	90 - 110	P	11/07/2025	15:04	LB137834
	Cadmium	2440	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Calcium	25100	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Chromium	982	1000	98	90 - 110	P	11/07/2025	15:04	LB137834
	Cobalt	2460	2500	99	90 - 110	P	11/07/2025	15:04	LB137834
	Copper	1260	1250	100	90 - 110	P	11/07/2025	15:04	LB137834
	Iron	4840	5000	97	90 - 110	P	11/07/2025	15:04	LB137834
	Lead	4890	5000	98	90 - 110	P	11/07/2025	15:04	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3534
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	11/07/2025	15:04	LB137834
	Manganese	2540	2500	102	90 - 110	P	11/07/2025	15:04	LB137834
	Nickel	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
	Potassium	23600	25000	94	90 - 110	P	11/07/2025	15:04	LB137834
	Selenium	4940	5000	99	90 - 110	P	11/07/2025	15:04	LB137834
	Silver	1220	1250	97	90 - 110	P	11/07/2025	15:04	LB137834
	Sodium	23900	25000	96	90 - 110	P	11/07/2025	15:04	LB137834
	Thallium	5500	5000	110	90 - 110	P	11/07/2025	15:04	LB137834
	Vanadium	2510	2500	100	90 - 110	P	11/07/2025	15:04	LB137834
	Zinc	2460	2500	98	90 - 110	P	11/07/2025	15:04	LB137834
CCV03	Aluminum	9770	10000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Antimony	4910	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Arsenic	4900	5000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Barium	9720	10000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Beryllium	243	250	97	90 - 110	P	11/07/2025	16:03	LB137834
	Cadmium	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834
	Calcium	24600	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Chromium	975	1000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Cobalt	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Copper	1230	1250	99	90 - 110	P	11/07/2025	16:03	LB137834
	Iron	4960	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Lead	4870	5000	97	90 - 110	P	11/07/2025	16:03	LB137834
	Magnesium	24400	25000	98	90 - 110	P	11/07/2025	16:03	LB137834
	Manganese	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Nickel	2440	2500	98	90 - 110	P	11/07/2025	16:03	LB137834
	Potassium	26400	25000	106	90 - 110	P	11/07/2025	16:03	LB137834
	Selenium	4930	5000	99	90 - 110	P	11/07/2025	16:03	LB137834
	Silver	1200	1250	96	90 - 110	P	11/07/2025	16:03	LB137834
	Sodium	22600	25000	90	90 - 110	P	11/07/2025	16:03	LB137834
	Thallium	5070	5000	101	90 - 110	P	11/07/2025	16:03	LB137834
	Vanadium	2480	2500	99	90 - 110	P	11/07/2025	16:03	LB137834
	Zinc	2430	2500	97	90 - 110	P	11/07/2025	16:03	LB137834

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3534
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3534
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3534

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	104	100	104	65 - 135	P	11/05/2025	11:49	LB137798
	Antimony	52.4	50.0	105	65 - 135	P	11/05/2025	11:49	LB137798
	Arsenic	19.1	20.0	96	65 - 135	P	11/05/2025	11:49	LB137798
	Barium	100	100	100	65 - 135	P	11/05/2025	11:49	LB137798
	Beryllium	6.41	6.0	107	65 - 135	P	11/05/2025	11:49	LB137798
	Cadmium	5.94	6.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Calcium	2100	2000	105	65 - 135	P	11/05/2025	11:49	LB137798
	Chromium	10.8	10.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Cobalt	29.9	30.0	100	65 - 135	P	11/05/2025	11:49	LB137798
	Copper	21.7	20.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Iron	108	100	108	65 - 135	P	11/05/2025	11:49	LB137798
	Lead	11.9	12.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Magnesium	2190	2000	110	65 - 135	P	11/05/2025	11:49	LB137798
	Manganese	22.2	20.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Nickel	40.3	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Potassium	1970	2000	99	65 - 135	P	11/05/2025	11:49	LB137798
	Selenium	19.8	20.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Silver	11.1	10.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Sodium	1860	2000	93	65 - 135	P	11/05/2025	11:49	LB137798
	Thallium	40.5	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Vanadium	36.1	40.0	90	65 - 135	P	11/05/2025	11:49	LB137798
	Zinc	43.6	40.0	109	65 - 135	P	11/05/2025	11:49	LB137798
CRA	Mercury	0.23	0.2	117	70 - 130	CV	11/06/2025	08:18	LB137791
CRI01	Aluminum	108	100	108	65 - 135	P	11/06/2025	13:29	LB137816
	Antimony	53.6	50.0	107	65 - 135	P	11/06/2025	13:29	LB137816
	Arsenic	22.8	20.0	114	65 - 135	P	11/06/2025	13:29	LB137816
	Barium	91.6	100	92	65 - 135	P	11/06/2025	13:29	LB137816
	Beryllium	6.49	6.0	108	65 - 135	P	11/06/2025	13:29	LB137816
	Cadmium	5.96	6.0	99	65 - 135	P	11/06/2025	13:29	LB137816
	Calcium	2110	2000	105	65 - 135	P	11/06/2025	13:29	LB137816
	Chromium	10.8	10.0	108	65 - 135	P	11/06/2025	13:29	LB137816
	Cobalt	30.0	30.0	100	65 - 135	P	11/06/2025	13:29	LB137816
	Copper	23.1	20.0	115	65 - 135	P	11/06/2025	13:29	LB137816
	Iron	78.8	100	79	65 - 135	P	11/06/2025	13:29	LB137816
	Lead	15.3	12.0	127	65 - 135	P	11/06/2025	13:29	LB137816

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2110	2000	106	65 - 135	P	11/06/2025	13:29	LB137816
	Manganese	20.6	20.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Nickel	40.6	40.0	102	65 - 135	P	11/06/2025	13:29	LB137816
	Potassium	1940	2000	97	65 - 135	P	11/06/2025	13:29	LB137816
	Selenium	20.5	20.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Silver	11.5	10.0	115	65 - 135	P	11/06/2025	13:29	LB137816
	Sodium	1750	2000	87	65 - 135	P	11/06/2025	13:29	LB137816
	Thallium	41.2	40.0	103	65 - 135	P	11/06/2025	13:29	LB137816
	Vanadium	32.4	40.0	81	65 - 135	P	11/06/2025	13:29	LB137816
	Zinc	42.3	40.0	106	65 - 135	P	11/06/2025	13:29	LB137816
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/06/2025	13:46	LB137799
CRI01	Aluminum	79.6	100	80	65 - 135	P	11/07/2025	13:46	LB137834
	Antimony	52.8	50.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Arsenic	20.6	20.0	103	65 - 135	P	11/07/2025	13:46	LB137834
	Barium	94.7	100	95	65 - 135	P	11/07/2025	13:46	LB137834
	Beryllium	6.33	6.0	106	65 - 135	P	11/07/2025	13:46	LB137834
	Cadmium	5.68	6.0	95	65 - 135	P	11/07/2025	13:46	LB137834
	Calcium	2060	2000	103	65 - 135	P	11/07/2025	13:46	LB137834
	Chromium	9.85	10.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Cobalt	29.4	30.0	98	65 - 135	P	11/07/2025	13:46	LB137834
	Copper	21.1	20.0	105	65 - 135	P	11/07/2025	13:46	LB137834
	Iron	104	100	104	65 - 135	P	11/07/2025	13:46	LB137834
	Lead	13.1	12.0	109	65 - 135	P	11/07/2025	13:46	LB137834
	Magnesium	2180	2000	109	65 - 135	P	11/07/2025	13:46	LB137834
	Manganese	21.7	20.0	108	65 - 135	P	11/07/2025	13:46	LB137834
	Nickel	40.3	40.0	101	65 - 135	P	11/07/2025	13:46	LB137834
	Potassium	1900	2000	95	65 - 135	P	11/07/2025	13:46	LB137834
	Selenium	15.8	20.0	79	65 - 135	P	11/07/2025	13:46	LB137834
	Silver	9.28	10.0	93	65 - 135	P	11/07/2025	13:46	LB137834
	Sodium	1960	2000	98	65 - 135	P	11/07/2025	13:46	LB137834
	Thallium	46.8	40.0	117	65 - 135	P	11/07/2025	13:46	LB137834
	Vanadium	42.8	40.0	107	65 - 135	P	11/07/2025	13:46	LB137834
	Zinc	41.1	40.0	103	65 - 135	P	11/07/2025	13:46	LB137834
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	243000	255000	95	216000	294000	11/05/2025	11:53	LB137798
	Antimony	-3.49			-50	50	11/05/2025	11:53	LB137798
	Arsenic	3.73			-20	20	11/05/2025	11:53	LB137798
	Barium	0.94	6.0	16	-94	106	11/05/2025	11:53	LB137798
	Beryllium	1.70			-6	6	11/05/2025	11:53	LB137798
	Cadmium	0.70	1.0	70	-5	7	11/05/2025	11:53	LB137798
	Calcium	233000	245000	95	208000	282000	11/05/2025	11:53	LB137798
	Chromium	49.3	52.0	95	42	62	11/05/2025	11:53	LB137798
	Cobalt	1.87			-30	30	11/05/2025	11:53	LB137798
	Copper	-4.96	2.0	248	-18	22	11/05/2025	11:53	LB137798
	Iron	96900	101000	96	85600	116500	11/05/2025	11:53	LB137798
	Lead	4.69			-12	12	11/05/2025	11:53	LB137798
	Magnesium	246000	255000	96	216000	294000	11/05/2025	11:53	LB137798
	Manganese	6.89	7.0	98	-13	27	11/05/2025	11:53	LB137798
	Nickel	5.45	2.0	272	-38	42	11/05/2025	11:53	LB137798
	Potassium	71.8			0	0	11/05/2025	11:53	LB137798
	Selenium	4.65			-20	20	11/05/2025	11:53	LB137798
	Silver	2.41			-10	10	11/05/2025	11:53	LB137798
	Sodium	65.4			0	0	11/05/2025	11:53	LB137798
	Thallium	20.2			-40	40	11/05/2025	11:53	LB137798
	Vanadium	3.64			-40	40	11/05/2025	11:53	LB137798
	Zinc	3.74			-40	40	11/05/2025	11:53	LB137798
ICSAB01	Aluminum	244000	247000	99	209000	285000	11/05/2025	12:11	LB137798
	Antimony	583	618	94	525	711	11/05/2025	12:11	LB137798
	Arsenic	99.7	104	96	88.4	120	11/05/2025	12:11	LB137798
	Barium	478	537	89	437	637	11/05/2025	12:11	LB137798
	Beryllium	499	495	101	420	570	11/05/2025	12:11	LB137798
	Cadmium	963	972	99	826	1120	11/05/2025	12:11	LB137798
	Calcium	232000	235000	99	199000	271000	11/05/2025	12:11	LB137798
	Chromium	542	542	100	460	624	11/05/2025	12:11	LB137798
	Cobalt	489	476	103	404	548	11/05/2025	12:11	LB137798
	Copper	458	511	90	434	588	11/05/2025	12:11	LB137798
	Iron	96700	99300	97	84400	114500	11/05/2025	12:11	LB137798
	Lead	48.3	49.0	99	37	61	11/05/2025	12:11	LB137798
	Magnesium	246000	248000	99	210000	286000	11/05/2025	12:11	LB137798
	Manganese	481	507	95	430	584	11/05/2025	12:11	LB137798
	Nickel	973	954	102	810	1100	11/05/2025	12:11	LB137798
	Potassium	-43.1			0	0	11/05/2025	12:11	LB137798
	Selenium	56.1	46.0	122	26	66	11/05/2025	12:11	LB137798
	Silver	203	201	101	170	232	11/05/2025	12:11	LB137798
	Sodium	76.3			0	0	11/05/2025	12:11	LB137798
	Thallium	134	108	124	68	148	11/05/2025	12:11	LB137798

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	471	491	96	417	565	11/05/2025	12:11	LB137798
	Zinc	1010	952	106	809	1095	11/05/2025	12:11	LB137798
ICSA01	Aluminum	267000	255000	105	216000	294000	11/06/2025	13:33	LB137816
	Antimony	-1.19			-50	50	11/06/2025	13:33	LB137816
	Arsenic	12.2			-20	20	11/06/2025	13:33	LB137816
	Barium	0.61	6.0	10	-94	106	11/06/2025	13:33	LB137816
	Beryllium	2.25			-6	6	11/06/2025	13:33	LB137816
	Cadmium	-1.29	1.0	129	-5	7	11/06/2025	13:33	LB137816
	Calcium	256000	245000	104	208000	282000	11/06/2025	13:33	LB137816
	Chromium	55.9	52.0	108	42	62	11/06/2025	13:33	LB137816
	Cobalt	1.84			-30	30	11/06/2025	13:33	LB137816
	Copper	-0.73	2.0	36	-18	22	11/06/2025	13:33	LB137816
	Iron	110000	101000	109	85600	116500	11/06/2025	13:33	LB137816
	Lead	1.52			-12	12	11/06/2025	13:33	LB137816
	Magnesium	269000	255000	106	216000	294000	11/06/2025	13:33	LB137816
	Manganese	4.93	7.0	70	-13	27	11/06/2025	13:33	LB137816
	Nickel	6.46	2.0	323	-38	42	11/06/2025	13:33	LB137816
	Potassium	-247			0	0	11/06/2025	13:33	LB137816
	Selenium	-4.56			-20	20	11/06/2025	13:33	LB137816
	Silver	4.38			-10	10	11/06/2025	13:33	LB137816
	Sodium	-28.8			0	0	11/06/2025	13:33	LB137816
	Thallium	6.03			-40	40	11/06/2025	13:33	LB137816
	Vanadium	-9.20			-40	40	11/06/2025	13:33	LB137816
	Zinc	3.22			-40	40	11/06/2025	13:33	LB137816
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/06/2025	13:37	LB137816
	Antimony	592	618	96	525	711	11/06/2025	13:37	LB137816
	Arsenic	102	104	98	88.4	120	11/06/2025	13:37	LB137816
	Barium	498	537	93	437	637	11/06/2025	13:37	LB137816
	Beryllium	512	495	103	420	570	11/06/2025	13:37	LB137816
	Cadmium	969	972	100	826	1120	11/06/2025	13:37	LB137816
	Calcium	240000	235000	102	199000	271000	11/06/2025	13:37	LB137816
	Chromium	552	542	102	460	624	11/06/2025	13:37	LB137816
	Cobalt	496	476	104	404	548	11/06/2025	13:37	LB137816
	Copper	477	511	93	434	588	11/06/2025	13:37	LB137816
	Iron	98500	99300	99	84400	114500	11/06/2025	13:37	LB137816
	Lead	52.1	49.0	106	37	61	11/06/2025	13:37	LB137816
	Magnesium	252000	248000	102	210000	286000	11/06/2025	13:37	LB137816
	Manganese	508	507	100	430	584	11/06/2025	13:37	LB137816
	Nickel	990	954	104	810	1100	11/06/2025	13:37	LB137816
	Potassium	-165			0	0	11/06/2025	13:37	LB137816
	Selenium	47.2	46.0	103	26	66	11/06/2025	13:37	LB137816
	Silver	200	201	100	170	232	11/06/2025	13:37	LB137816

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-201			0	0	11/06/2025	13:37	LB137816
	Thallium	119	108	110	68	148	11/06/2025	13:37	LB137816
	Vanadium	500	491	102	417	565	11/06/2025	13:37	LB137816
	Zinc	996	952	105	809	1095	11/06/2025	13:37	LB137816
ICSA01	Aluminum	272000	255000	107	216000	294000	11/07/2025	13:51	LB137834
	Antimony	-7.06			-50	50	11/07/2025	13:51	LB137834
	Arsenic	10.6			-20	20	11/07/2025	13:51	LB137834
	Barium	3.92	6.0	65	-94	106	11/07/2025	13:51	LB137834
	Beryllium	2.34			-6	6	11/07/2025	13:51	LB137834
	Cadmium	-1.59	1.0	159	-5	7	11/07/2025	13:51	LB137834
	Calcium	259000	245000	106	208000	282000	11/07/2025	13:51	LB137834
	Chromium	53.0	52.0	102	42	62	11/07/2025	13:51	LB137834
	Cobalt	1.92			-30	30	11/07/2025	13:51	LB137834
	Copper	6.42	2.0	321	-18	22	11/07/2025	13:51	LB137834
	Iron	106000	101000	105	85600	116500	11/07/2025	13:51	LB137834
	Lead	0.42			-12	12	11/07/2025	13:51	LB137834
	Magnesium	269000	255000	106	216000	294000	11/07/2025	13:51	LB137834
	Manganese	7.23	7.0	103	-13	27	11/07/2025	13:51	LB137834
	Nickel	5.96	2.0	298	-38	42	11/07/2025	13:51	LB137834
	Potassium	448			0	0	11/07/2025	13:51	LB137834
	Selenium	-9.77			-20	20	11/07/2025	13:51	LB137834
	Silver	3.11			-10	10	11/07/2025	13:51	LB137834
	Sodium	340			0	0	11/07/2025	13:51	LB137834
	Thallium	16.7			-40	40	11/07/2025	13:51	LB137834
	Vanadium	12.3			-40	40	11/07/2025	13:51	LB137834
	Zinc	2.47			-40	40	11/07/2025	13:51	LB137834
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/07/2025	13:55	LB137834
	Antimony	613	618	99	525	711	11/07/2025	13:55	LB137834
	Arsenic	105	104	101	88.4	120	11/07/2025	13:55	LB137834
	Barium	495	537	92	437	637	11/07/2025	13:55	LB137834
	Beryllium	516	495	104	420	570	11/07/2025	13:55	LB137834
	Cadmium	1010	972	104	826	1120	11/07/2025	13:55	LB137834
	Calcium	240000	235000	102	199000	271000	11/07/2025	13:55	LB137834
	Chromium	576	542	106	460	624	11/07/2025	13:55	LB137834
	Cobalt	505	476	106	404	548	11/07/2025	13:55	LB137834
	Copper	498	511	98	434	588	11/07/2025	13:55	LB137834
	Iron	102000	99300	103	84400	114500	11/07/2025	13:55	LB137834
	Lead	48.9	49.0	100	37	61	11/07/2025	13:55	LB137834
	Magnesium	250000	248000	101	210000	286000	11/07/2025	13:55	LB137834
	Manganese	506	507	100	430	584	11/07/2025	13:55	LB137834
	Nickel	1010	954	106	810	1100	11/07/2025	13:55	LB137834
	Potassium	-184			0	0	11/07/2025	13:55	LB137834

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	40.4	46.0	88	26	66	11/07/2025	13:55	LB137834
	Silver	205	201	102	170	232	11/07/2025	13:55	LB137834
	Sodium	-311			0	0	11/07/2025	13:55	LB137834
	Thallium	118	108	109	68	148	11/07/2025	13:55	LB137834
	Vanadium	502	491	102	417	565	11/07/2025	13:55	LB137834
	Zinc	1040	952	109	809	1095	11/07/2025	13:55	LB137834
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841
	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3542-01 **client id:** AUD-25-182-194MS

Percent Solids for Sample: NA **Spiked ID:** Q3542-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1980		967		1000	101		P
Antimony	ug/L	75 - 125	413		4.93	J	400	102		P
Arsenic	ug/L	75 - 125	422		10.4		400	103		P
Barium	ug/L	75 - 125	164		67.3		100	97		P
Beryllium	ug/L	75 - 125	95.0		3.00	U	100	95		P
Cadmium	ug/L	75 - 125	105		3.00	U	100	105		P
Calcium	ug/L	75 - 125	73000		71800		500	233		P
Chromium	ug/L	75 - 125	213		18.3		200	97		P
Cobalt	ug/L	75 - 125	106		15.0	U	100	106		P
Copper	ug/L	75 - 125	148		3.37	J	150	96		P
Iron	ug/L	75 - 125	2580		927		1500	110		P
Lead	ug/L	75 - 125	501		4.76	J	500	99		P
Magnesium	ug/L	75 - 125	1860		951	J	1000	91		P
Manganese	ug/L	75 - 125	103		6.81	J	100	96		P
Mercury	ug/L	75 - 125	4.00		0.20	U	4.0	100		CV
Nickel	ug/L	75 - 125	267		7.29	J	250	104		P
Potassium	ug/L	75 - 125	21200		14300		5000	138	N	P
Selenium	ug/L	75 - 125	986		10.0	U	1000	99		P
Silver	ug/L	75 - 125	38.6		5.00	U	37.5	103		P
Sodium	ug/L	75 - 125	1650000	D	1550000	D	1500	6597		P
Thallium	ug/L	75 - 125	927		2.67	J	1000	92		P
Vanadium	ug/L	75 - 125	188		38.6		150	99		P
Zinc	ug/L	75 - 125	112		8.69	J	100	104		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3542-01 **client id:** AUD-25-182-194MSD

Percent Solids for Sample: NA **Spiked ID:** Q3542-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1860		967		1000	90		P
Antimony	ug/L	75 - 125	399		4.93	J	400	99		P
Arsenic	ug/L	75 - 125	413		10.4		400	101		P
Barium	ug/L	75 - 125	152		67.3		100	85		P
Beryllium	ug/L	75 - 125	92.0		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	101		3.00	U	100	101		P
Calcium	ug/L	75 - 125	67400		71800		500	-877		P
Chromium	ug/L	75 - 125	204		18.3		200	93		P
Cobalt	ug/L	75 - 125	102		15.0	U	100	102		P
Copper	ug/L	75 - 125	144		3.37	J	150	93		P
Iron	ug/L	75 - 125	2470		927		1500	103		P
Lead	ug/L	75 - 125	486		4.76	J	500	96		P
Magnesium	ug/L	75 - 125	1770		951	J	1000	82		P
Manganese	ug/L	75 - 125	98.3		6.81	J	100	92		P
Mercury	ug/L	75 - 125	4.10		0.20	U	4.0	102		CV
Nickel	ug/L	75 - 125	257		7.29	J	250	100		P
Potassium	ug/L	75 - 125	19700		14300		5000	109		P
Selenium	ug/L	75 - 125	956		10.0	U	1000	96		P
Silver	ug/L	75 - 125	37.4		5.00	U	37.5	100		P
Sodium	ug/L	75 - 125	1520000	D	1550000	D	1500	-2505		P
Thallium	ug/L	75 - 125	927		2.67	J	1000	92		P
Vanadium	ug/L	75 - 125	178		38.6		150	93		P
Zinc	ug/L	75 - 125	108		8.69	J	100	99		P

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3552-01 **client id:** MW-4MS

Percent Solids for Sample: NA **Spiked ID:** Q3552-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.48		0.20	U	4.0	87		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3552-01 **client id:** MW-4MSD

Percent Solids for Sample: NA **Spiked ID:** Q3552-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.52		0.20	U	4.0	88		CV

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3552-04 **client id:** MW-10MS

Percent Solids for Sample: NA **Spiked ID:** Q3552-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1060		20.5	J	1000	104		P
Antimony	ug/L	75 - 125	451		25.0	U	400	113		P
Arsenic	ug/L	75 - 125	444		5.08	J	400	110		P
Barium	ug/L	75 - 125	138		32.8	J	100	105		P
Beryllium	ug/L	75 - 125	99.3		0.69	J	100	99		P
Cadmium	ug/L	75 - 125	101		3.00	U	100	101		P
Calcium	ug/L	75 - 125	380000		358000		500	4346		P
Chromium	ug/L	75 - 125	191		5.00	U	200	96		P
Cobalt	ug/L	75 - 125	107		15.0	U	100	107		P
Copper	ug/L	75 - 125	134		10.0	U	150	89		P
Iron	ug/L	75 - 125	55200		52900		1500	151		P
Lead	ug/L	75 - 125	499		5.42	J	500	99		P
Magnesium	ug/L	75 - 125	560000		528000		1000	3216		P
Manganese	ug/L	75 - 125	1310		1120		100	186		P
Nickel	ug/L	75 - 125	267		3.43	J	250	105		P
Potassium	ug/L	75 - 125	133000		116000		5000	337		P
Selenium	ug/L	75 - 125	1030		10.0	U	1000	103		P
Silver	ug/L	75 - 125	46.8		2.29	J	37.5	119		P
Sodium	ug/L	75 - 125	4770000	D	4410000	D	1500	24237		P
Thallium	ug/L	75 - 125	911		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	115		20.0	U	100	115		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3534

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3552-04 **client id:** MW-10MSD

Percent Solids for Sample: NA **Spiked ID:** Q3552-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		20.5	J	1000	100		P
Antimony	ug/L	75 - 125	413		25.0	U	400	103		P
Arsenic	ug/L	75 - 125	421		5.08	J	400	104		P
Barium	ug/L	75 - 125	130		32.8	J	100	97		P
Beryllium	ug/L	75 - 125	96.0		0.69	J	100	95		P
Cadmium	ug/L	75 - 125	97.3		3.00	U	100	97		P
Calcium	ug/L	75 - 125	353000		358000		500	-1024		P
Chromium	ug/L	75 - 125	190		5.00	U	200	95		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	130		10.0	U	150	87		P
Iron	ug/L	75 - 125	50500		52900		1500	-159		P
Lead	ug/L	75 - 125	478		5.42	J	500	95		P
Magnesium	ug/L	75 - 125	520000		528000		1000	-765		P
Manganese	ug/L	75 - 125	1230		1120		100	104		P
Nickel	ug/L	75 - 125	258		3.43	J	250	102		P
Potassium	ug/L	75 - 125	124000		116000		5000	169		P
Selenium	ug/L	75 - 125	984		10.0	U	1000	98		P
Silver	ug/L	75 - 125	44.5		2.29	J	37.5	113		P
Sodium	ug/L	75 - 125	4340000	D	4410000	D	1500	-4429		P
Thallium	ug/L	75 - 125	889		20.0	U	1000	89		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	108		20.0	U	100	108		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** AUD-25-182-194A

Sample ID: Q3542-01 **Spiked ID:** Q3542-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Potassium	ug/L	75 - 125	19600		14300		5000	108		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3542-01 **Client ID:** AUD-25-182-194DUP

Percent Solids for Sample: NA **Duplicate ID** Q3542-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	967		905		7		P
Antimony	ug/L	20	4.93	J	25.0	U	200.0		P
Arsenic	ug/L	20	10.4		12.8		20		P
Barium	ug/L	20	67.3		65.4		3		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	71800		72100		0		P
Chromium	ug/L	20	18.3		18.1		1		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	3.37	J	3.04	J	10		P
Iron	ug/L	20	927		916		1		P
Lead	ug/L	20	4.76	J	5.21	J	9		P
Magnesium	ug/L	20	951	J	902	J	5		P
Manganese	ug/L	20	6.81	J	6.78	J	0		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Nickel	ug/L	20	7.29	J	7.45	J	2		P
Potassium	ug/L	20	14300		14600		2		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1550000	D	1670000	D	7		P
Thallium	ug/L	20	2.67	J	20.0	U	200.0		P
Vanadium	ug/L	20	38.6		35.1		9		P
Zinc	ug/L	20	8.69	J	8.50	J	2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3542-01MS **Client ID:** AUD-25-182-194MSD

Percent Solids for Sample: NA **Duplicate ID** Q3542-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1980		1860		6		P
Antimony	ug/L	20	413		399		3		P
Arsenic	ug/L	20	422		413		2		P
Barium	ug/L	20	164		152		8		P
Beryllium	ug/L	20	95.0		92.0		3		P
Cadmium	ug/L	20	105		101		4		P
Calcium	ug/L	20	73000		67400		8		P
Chromium	ug/L	20	213		204		4		P
Cobalt	ug/L	20	106		102		4		P
Copper	ug/L	20	148		144		3		P
Iron	ug/L	20	2580		2470		4		P
Lead	ug/L	20	501		486		3		P
Magnesium	ug/L	20	1860		1770		5		P
Manganese	ug/L	20	103		98.3		5		P
Mercury	ug/L	20	4.00		4.10		2		CV
Nickel	ug/L	20	267		257		4		P
Potassium	ug/L	20	21200		19700		7		P
Selenium	ug/L	20	986		956		3		P
Silver	ug/L	20	38.6		37.4		3		P
Sodium	ug/L	20	1650000	D	1520000	D	8		P
Thallium	ug/L	20	927		927		0		P
Vanadium	ug/L	20	188		178		5		P
Zinc	ug/L	20	112		108		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3552-01 **Client ID:** MW-4DUP

Percent Solids for Sample: NA **Duplicate ID** Q3552-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3552-01MS **Client ID:** MW-4MSD

Percent Solids for Sample: NA **Duplicate ID** Q3552-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.48		3.52		1		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3552-04 **Client ID:** MW-10DUP

Percent Solids for Sample: NA **Duplicate ID** Q3552-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	20.5	J	44.9	J	75		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	5.08	J	4.94	J	3		P
Barium	ug/L	20	32.8	J	33.6	J	2		P
Beryllium	ug/L	20	0.69	J	0.78	J	12		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	358000		356000		1		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	52900		50900		4		P
Lead	ug/L	20	5.42	J	4.98	J	8		P
Magnesium	ug/L	20	528000		528000		0		P
Manganese	ug/L	20	1120		1110		1		P
Nickel	ug/L	20	3.43	J	3.27	J	5		P
Potassium	ug/L	20	116000		116000		0		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	2.29	J	2.36	J	3		P
Sodium	ug/L	20	4410000	D	4260000	D	3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	4.65	J	200.0		P
Zinc	ug/L	20	20.0	U	20.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3552-04MS **Client ID:** MW-10MSD

Percent Solids for Sample: NA **Duplicate ID** Q3552-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1060		1020		4		P
Antimony	ug/L	20	451		413		9		P
Arsenic	ug/L	20	444		421		5		P
Barium	ug/L	20	138		130		6		P
Beryllium	ug/L	20	99.3		96.0		3		P
Cadmium	ug/L	20	101		97.3		4		P
Calcium	ug/L	20	380000		353000		7		P
Chromium	ug/L	20	191		190		1		P
Cobalt	ug/L	20	107		103		4		P
Copper	ug/L	20	134		130		3		P
Iron	ug/L	20	55200		50500		9		P
Lead	ug/L	20	499		478		4		P
Magnesium	ug/L	20	560000		520000		7		P
Manganese	ug/L	20	1310		1230		6		P
Nickel	ug/L	20	267		258		3		P
Potassium	ug/L	20	133000		124000		7		P
Selenium	ug/L	20	1030		984		5		P
Silver	ug/L	20	46.8		44.5		5		P
Sodium	ug/L	20	4770000	D	4340000	D	9		P
Thallium	ug/L	20	911		889		2		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	115		108		6		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170392BS							
Aluminum	ug/L	1000	997		100	80 - 120	P
Antimony	ug/L	400	409		102	80 - 120	P
Arsenic	ug/L	400	399		100	80 - 120	P
Barium	ug/L	100	96.6		97	80 - 120	P
Beryllium	ug/L	100	102		102	80 - 120	P
Cadmium	ug/L	100	97.9		98	80 - 120	P
Calcium	ug/L	500	518	J	104	80 - 120	P
Chromium	ug/L	200	208		104	80 - 120	P
Cobalt	ug/L	100	101		101	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Iron	ug/L	1500	1700		113	80 - 120	P
Lead	ug/L	500	488		98	80 - 120	P
Magnesium	ug/L	1000	1020		102	80 - 120	P
Manganese	ug/L	100	102		102	80 - 120	P
Nickel	ug/L	250	256		102	80 - 120	P
Potassium	ug/L	5000	4860		97	80 - 120	P
Selenium	ug/L	1000	1020		102	80 - 120	P
Silver	ug/L	37.5	38.4		102	80 - 120	P
Sodium	ug/L	1500	1420		95	80 - 120	P
Thallium	ug/L	1000	1050		105	80 - 120	P
Vanadium	ug/L	150	150		100	80 - 120	P
Zinc	ug/L	100	105		105	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170407BS							
Mercury	ug/L	4.0	4.17		104	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170409BS							
Mercury	ug/L	4.0	3.74		94	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170411BS							
Aluminum	ug/L	1000	1080		108	80 - 120	P
Antimony	ug/L	400	430		108	80 - 120	P
Arsenic	ug/L	400	413		103	80 - 120	P
Barium	ug/L	100	104		104	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	100		100	80 - 120	P
Calcium	ug/L	500	537	J	107	80 - 120	P
Chromium	ug/L	200	213		106	80 - 120	P
Cobalt	ug/L	100	103		103	80 - 120	P
Copper	ug/L	150	164		109	80 - 120	P
Iron	ug/L	1500	1620		108	80 - 120	P
Lead	ug/L	500	496		99	80 - 120	P
Magnesium	ug/L	1000	1070		107	80 - 120	P
Manganese	ug/L	100	107		107	80 - 120	P
Nickel	ug/L	250	259		104	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	39.0		104	80 - 120	P
Sodium	ug/L	1500	1530		102	80 - 120	P
Thallium	ug/L	1000	1180		118	80 - 120	P
Vanadium	ug/L	150	160		107	80 - 120	P
Zinc	ug/L	100	108		108	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

AUD-25-182-194L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137816 **Lab Sample ID :** Q3542-01L **SDG No.:** Q3534

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	967		1040		8		P
Antimony	4.93	J	125	U	100.0		P
Arsenic	10.4		15.9	J	52		P
Barium	67.3		43.0	J	36		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	71800		70400		2		P
Chromium	18.3		17.4	J	5		P
Cobalt	15.0	U	75.0	U			P
Copper	3.37	J	50.0	U	100.0		P
Iron	927		853		8		P
Lead	4.76	J	30.0	U	100.0		P
Magnesium	951	J	880	J	7		P
Manganese	6.81	J	50.0	U	100.0		P
Mercury	0.20	U	1.00	U			CV
Nickel	7.29	J	100	U	100.0		P
Potassium	14300		17200		21		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1560000	OR	1500000		3		P
Thallium	2.67	J	100	U	100.0		P
Vanadium	38.6		36.8	J	5		P
Zinc	8.69	J	100	U	100.0		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-4L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137799 **Lab Sample ID :** Q3552-01L **SDG No.:** Q3534

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.20	U	1.00	U			CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-10L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137834 **Lab Sample ID :** Q3552-04L **SDG No.:** Q3534

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	20.5	J	250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	5.08	J	50.0	U	100.0		P
Barium	32.8	J	250	U	100.0		P
Beryllium	0.69	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Calcium	358000		379000		6		P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	52900		46500		12		P
Lead	5.42	J	30.0	U	100.0		P
Magnesium	528000		554000		5		P
Manganese	1120		1180		5		P
Nickel	3.43	J	100	U	100.0		P
Potassium	116000		104000		11		P
Selenium	10.0	U	50.0	U			P
Silver	2.29	J	25.0	U	100.0		P
Sodium	3460000	OR	3440000		0		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	16.0	J	100.0		P
Zinc	20.0	U	100	U			P

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137791

Start date: 11/06/2025 **End date:** 11/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0744	HG
S0.2	S0.2	1	0747	HG
S2.5	S2.5	1	0749	HG
S5	S5	1	0751	HG
S7.5	S7.5	1	0754	HG
S10	S10	1	0801	HG
ICV100	ICV100	1	0806	HG
ICB100	ICB100	1	0809	HG
CCV31	CCV31	1	0811	HG
CCB31	CCB31	1	0813	HG
CRA	CRA	1	0818	HG
PB170407BL	PB170407BL	1	0825	HG
PB170407BS	PB170407BS	1	0827	HG
Q3534-01	MW-6	1	0830	HG
Q3534-02	MW-1	1	0832	HG
Q3534-03	MW-11	1	0834	HG
Q3534-04	MW-5	1	0837	HG
Q3534-05	MW-EB-1	1	0839	HG
CCV32	CCV32	1	0842	HG
CCB32	CCB32	1	0844	HG
Q3534-06	MW-EB-2	1	0846	HG
Q3534-07	MW-EB-3	1	0848	HG
Q3534-09	FB-1	1	0851	HG
Q3542-01DUP	AUD-25-182-194DUP	1	0900	HG
Q3542-01MS	AUD-25-182-194MS	1	0902	HG
Q3542-01MSD	AUD-25-182-194MSD	1	0904	HG
CCV33	CCV33	1	0907	HG
CCB33	CCB33	1	0910	HG
Q3542-01L	AUD-25-182-194L	5	0912	HG
CCV34	CCV34	1	0916	HG
CCB34	CCB34	1	0919	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137798

Start date: 11/05/2025 **End date:** 11/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1119	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1123	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1149	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1321	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1516	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1521	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170392BL	PB170392BL	1	1525	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170392BS	PB170392BS	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-01	MW-6	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-02	MW-1	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-03	MW-11	1	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-04	MW-5	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-05	MW-EB-1	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-06	MW-EB-2	1	1555	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-07	MW-EB-3	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-09	FB-1	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1625	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1704	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1708	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137799

Start date: 11/06/2025 **End date:** 11/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1310	HG
S0.2	S0.2	1	1313	HG
S2.5	S2.5	1	1315	HG
S5	S5	1	1317	HG
S7.5	S7.5	1	1322	HG
S10	S10	1	1328	HG
ICV101	ICV101	1	1337	HG
ICB101	ICB101	1	1339	HG
CCV34	CCV34	1	1341	HG
CCB34	CCB34	1	1343	HG
CRA	CRA	1	1346	HG
CCV35	CCV35	1	1409	HG
CCB35	CCB35	1	1411	HG
PB170409BL	PB170409BL	1	1425	HG
PB170409BS	PB170409BS	1	1427	HG
Q3534-10	EB-1	1	1429	HG
Q3552-01DUP	MW-4DUP	1	1434	HG
CCV36	CCV36	1	1436	HG
CCB36	CCB36	1	1438	HG
Q3552-01MS	MW-4MS	1	1441	HG
Q3552-01MSD	MW-4MSD	1	1446	HG
CCV37	CCV37	1	1457	HG
CCB37	CCB37	1	1459	HG
Q3552-01L	MW-4L	5	1509	HG
CCV38	CCV38	1	1513	HG
CCB38	CCB38	1	1515	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137816

Start date: 11/06/2025 **End date:** 11/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1236	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1310	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3542-01DUP	AUD-25-182-194DUP	1	1438	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3542-01L	AUD-25-182-194L	5	1442	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3542-01MS	AUD-25-182-194MS	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3542-01MSD	AUD-25-182-194MSD	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1515	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3542-01A	AUD-25-182-194A	1	1519	K
Q3534-02	MW-1	5	1523	Na
Q3534-03	MW-11	5	1527	Na
Q3534-06	MW-EB-2	5	1532	Na
Q3534-07	MW-EB-3	5	1536	Na
Q3542-01DUP	AUD-25-182-194DUP	5	1545	Na
Q3542-01MS	AUD-25-182-194MS	5	1553	Na
Q3542-01MSD	AUD-25-182-194MSD	5	1557	Na
CCV03	CCV03	1	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1606	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1654	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1740	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1744	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1829	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1833	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1915	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137834

Start date: 11/07/2025 **End date:** 11/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1315	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1336	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1351	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1355	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1412	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1417	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BL	PB170411BL	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170411BS	PB170411BS	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3534-10	EB-1	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04L	MW-10L	5	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MS	MW-10MS	1	1546	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04MSD	MW-10MSD	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1603	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3534

Instrument id number: **Method:** **Run number:** LB137841

Start date: 11/10/2025 **End date:** 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04DUP	MW-10DUP	10	1455	Na
Q3552-04MS	MW-10MS	10	1503	Na
Q3552-04MSD	MW-10MSD	10	1508	Na
CCV04	CCV04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1635	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1914	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**Water**			**11/03/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
Q3534-02	**MW-1**	**Water**			**11/03/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
			Metals ICP-TAL	6010D		11/05/25	11/06/25	
Q3534-03	**MW-11**	**Water**			**11/03/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
			Metals ICP-TAL	6010D		11/05/25	11/06/25	
Q3534-04	**MW-5**	**Water**			**11/04/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
Q3534-05	**MW-EB-1**	**Water**			**11/03/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
Q3534-06	**MW-EB-2**	**Water**			**11/04/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
			Metals ICP-TAL	6010D		11/05/25	11/06/25	
Q3534-07	**MW-EB-3**	**Water**			**11/03/25**			**11/04/25**
			Mercury	7470A		11/05/25	11/06/25	
			Metals ICP-TAL	6010D		11/05/25	11/05/25	
			Metals ICP-TAL	6010D		11/05/25	11/06/25	

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LAB CHRONICLE

Q3534-09	**FB-1**	**Water**			**11/04/25**		**11/04/25**
			Mercury	7470A		11/05/25	11/06/25
			Metals ICP-TAL	6010D		11/05/25	11/05/25
Q3534-10	**EB-1**	**Water**			**11/04/25**		**11/04/25**
			Mercury	7470A		11/06/25	11/06/25
			Metals ICP-TAL	6010D		11/06/25	11/07/25

METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170392**						
PB170392BL	PB170392BL	MB	WATER	11/05/2025	50.0	25.0	
PB170392BS	PB170392BS	LCS	WATER	11/05/2025	50.0	25.0	
Q3534-01	MW-6	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-02	MW-1	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-03	MW-11	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-04	MW-5	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-05	MW-EB-1	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-06	MW-EB-2	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-07	MW-EB-3	SAM	WATER	11/05/2025	50.0	25.0	
Q3534-09	FB-1	SAM	WATER	11/05/2025	50.0	25.0	
Q3542-01DUP	AUD-25-182-194DUP	DUP	WATER	11/05/2025	50.0	25.0	
Q3542-01MS	AUD-25-182-194MS	MS	WATER	11/05/2025	50.0	25.0	
Q3542-01MSD	AUD-25-182-194MSD	MSD	WATER	11/05/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170407**						
PB170407BL	PB170407BL	MB	WATER	11/05/2025	30.0	30.0	
PB170407BS	PB170407BS	LCS	WATER	11/05/2025	30.0	30.0	
Q3534-01	MW-6	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-02	MW-1	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-03	MW-11	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-04	MW-5	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-05	MW-EB-1	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-06	MW-EB-2	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-07	MW-EB-3	SAM	WATER	11/05/2025	30.0	30.0	
Q3534-09	FB-1	SAM	WATER	11/05/2025	30.0	30.0	
Q3542-01DUP	AUD-25-182-194DUP	DUP	WATER	11/05/2025	30.0	30.0	
Q3542-01MS	AUD-25-182-194MS	MS	WATER	11/05/2025	30.0	30.0	
Q3542-01MSD	AUD-25-182-194MSD	MSD	WATER	11/05/2025	30.0	30.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170409**						
PB170409BL	PB170409BL	MB	WATER	11/06/2025	30.0	30.0	
PB170409BS	PB170409BS	LCS	WATER	11/06/2025	30.0	30.0	
Q3534-10	EB-1	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-01DUP	MW-4DUP	DUP	WATER	11/06/2025	30.0	30.0	
Q3552-01MS	MW-4MS	MS	WATER	11/06/2025	30.0	30.0	
Q3552-01MSD	MW-4MSD	MSD	WATER	11/06/2025	30.0	30.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170411**						
PB170411BL	PB170411BL	MB	WATER	11/06/2025	50.0	25.0	
PB170411BS	PB170411BS	LCS	WATER	11/06/2025	50.0	25.0	
Q3534-10	EB-1	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04DUP	MW-10DUP	DUP	WATER	11/06/2025	50.0	25.0	
Q3552-04MS	MW-10MS	MS	WATER	11/06/2025	50.0	25.0	
Q3552-04MSD	MW-10MSD	MSD	WATER	11/06/2025	50.0	25.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137791

Review By	mohan	Review On	11/7/2025 7:48:17 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:12 AM

STD. NAME	STD REF.#
ICAL Standard	MP87849,MP87850,MP87851,MP87852,MP87853,MP87854
ICV Standard	MP87855
CCV Standard	MP87857
ICSA Standard	
CRI Standard	MP87859
LCS Standard	
Chk Standard	MP87856,MP87858,MP87860,MP87864

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/06/25 07:44		mohan	OK
2	S0.2	S0.2	CAL2	11/06/25 07:47		mohan	OK
3	S2.5	S2.5	CAL3	11/06/25 07:49		mohan	OK
4	S5	S5	CAL4	11/06/25 07:51		mohan	OK
5	S7.5	S7.5	CAL5	11/06/25 07:54		mohan	OK
6	S10	S10	CAL6	11/06/25 08:01		mohan	OK
7	ICV100	ICV100	ICV	11/06/25 08:06		mohan	OK
8	ICB100	ICB100	ICB	11/06/25 08:09		mohan	OK
9	CCV31	CCV31	CCV	11/06/25 08:11		mohan	OK
10	CCB31	CCB31	CCB	11/06/25 08:13		mohan	OK
11	CRA	CRA	CRDL	11/06/25 08:18		mohan	OK
12	HighStd	HighStd	HIGH STD	11/06/25 08:20		mohan	OK
13	ChkStd	ChkStd	SAM	11/06/25 08:23		mohan	OK
14	PB170407BL	PB170407BL	MB	11/06/25 08:25		mohan	OK
15	PB170407BS	PB170407BS	LCS	11/06/25 08:27		mohan	OK
16	Q3534-01	MW-6	SAM	11/06/25 08:30		mohan	OK
17	Q3534-02	MW-1	SAM	11/06/25 08:32		mohan	OK
18	Q3534-03	MW-11	SAM	11/06/25 08:34		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137791

Review By	mohan	Review On	11/7/2025 7:48:17 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:12 AM

STD. NAME	STD REF.#
ICAL Standard	MP87849,MP87850,MP87851,MP87852,MP87853,MP87854
ICV Standard	MP87855
CCV Standard	MP87857
ICSA Standard	
CRI Standard	MP87859
LCS Standard	
Chk Standard	MP87856,MP87858,MP87860,MP87864

19	Q3534-04	MW-5	SAM	11/06/25 08:37		mohan	OK
20	Q3534-05	MW-EB-1	SAM	11/06/25 08:39		mohan	OK
21	CCV32	CCV32	CCV	11/06/25 08:42		mohan	OK
22	CCB32	CCB32	CCB	11/06/25 08:44		mohan	OK
23	Q3534-06	MW-EB-2	SAM	11/06/25 08:46		mohan	OK
24	Q3534-07	MW-EB-3	SAM	11/06/25 08:48		mohan	OK
25	Q3534-09	FB-1	SAM	11/06/25 08:51		mohan	OK
26	Q3537-03	MW-17-PURGE-WATI	SAM	11/06/25 08:53		mohan	OK
27	Q3541-01	N48969	SAM	11/06/25 08:55		mohan	OK
28	Q3542-01	AUD-25-182-194	SAM	11/06/25 08:57		mohan	OK
29	Q3542-01DUP	AUD-25-182-194DUP	DUP	11/06/25 09:00		mohan	OK
30	Q3542-01MS	AUD-25-182-194MS	MS	11/06/25 09:02		mohan	OK
31	Q3542-01MSD	AUD-25-182-194MSD	MSD	11/06/25 09:04		mohan	OK
32	CCV33	CCV33	CCV	11/06/25 09:07		mohan	OK
33	CCB33	CCB33	CCB	11/06/25 09:10		mohan	OK
34	Q3542-01L	AUD-25-182-194L	SD	11/06/25 09:12		mohan	OK
35	Q3542-01A	AUD-25-182-194A	PS	11/06/25 09:14		mohan	OK
36	CCV34	CCV34	CCV	11/06/25 09:16		mohan	OK
37	CCB34	CCB34	CCB	11/06/25 09:19		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	mohan	Supervise On	11/10/2025 8:18:11 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/05/25 11:07		Jaswal	OK
2	S1	S1	CAL2	11/05/25 11:11		Jaswal	OK
3	S2	S2	CAL3	11/05/25 11:15		Jaswal	OK
4	S3	S3	CAL4	11/05/25 11:19		Jaswal	OK
5	S4	S4	CAL5	11/05/25 11:23		Jaswal	OK
6	S5	S5	CAL6	11/05/25 11:27		Jaswal	OK
7	ICV01	ICV01	ICV	11/05/25 11:32		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/05/25 11:36		Jaswal	OK
9	ICB01	ICB01	ICB	11/05/25 11:41		Jaswal	OK
10	CRI01	CRI01	CRDL	11/05/25 11:49		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/05/25 11:53		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/05/25 12:11		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/05/25 12:15		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/05/25 12:19		Jaswal	OK
15	CCV01	CCV01	CCV	11/05/25 12:23		Jaswal	OK
16	CCB01	CCB01	CCB	11/05/25 12:33		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/05/25 12:39		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/05/25 12:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	mohan	Supervise On	11/10/2025 8:18:11 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	11/05/25 12:48		Jaswal	OK
20	Q3512-01DL	10200DL	SAM	11/05/25 12:53		Jaswal	OK
21	Q3495-01	SB-1025-1	SAM	11/05/25 12:57		Jaswal	OK
22	Q3495-01DUP	SB-1025-1DUP	DUP	11/05/25 13:01		Jaswal	OK
23	Q3495-01L	SB-1025-1L	SD	11/05/25 13:05		Jaswal	OK
24	Q3495-01MS	SB-1025-1MS	MS	11/05/25 13:09		Jaswal	OK
25	Q3495-01MSD	SB-1025-1MSD	MSD	11/05/25 13:13		Jaswal	OK
26	Q3495-01A	SB-1025-1A	PS	11/05/25 13:17	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
27	CCV02	CCV02	CCV	11/05/25 13:21		Jaswal	OK
28	CCB02	CCB02	CCB	11/05/25 13:25		Jaswal	OK
29	PB170376BL	PB170376BL	MB	11/05/25 13:32		Jaswal	OK
30	PB170376BS	PB170376BS	LCS	11/05/25 13:36		Jaswal	OK
31	Q3524-01	TH-430-DI-1	SAM	11/05/25 13:40		Jaswal	OK
32	Q3524-02	TH-430-DI-2	SAM	11/05/25 13:45		Jaswal	OK
33	Q3524-03	TH-430-DI-3	SAM	11/05/25 13:49		Jaswal	OK
34	Q3524-04	TH-404-DI-4	SAM	11/05/25 13:53		Jaswal	OK
35	Q3524-04DUP	TH-404-DI-4DUP	DUP	11/05/25 13:58		Jaswal	OK
36	Q3524-04L	TH-404-DI-4L	SD	11/05/25 14:02		Jaswal	OK
37	Q3524-04MS	TH-404-DI-4MS	MS	11/05/25 14:06		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	mohan	Supervise On	11/10/2025 8:18:11 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	Q3524-04MSD	TH-404-DI-4MSD	MSD	11/05/25 14:10		Jaswal	OK
39	CCV03	CCV03	CCV	11/05/25 14:14		Jaswal	OK
40	CCB03	CCB03	CCB	11/05/25 14:18		Jaswal	OK
41	Q3524-04A	TH-404-DI-4A	PS	11/05/25 14:23	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
42	PBS	PBS	LCS	11/05/25 14:27	Not Use	Jaswal	Not Ok
43	LCSS	LCSS	SAM	11/05/25 14:31	Not Use	Jaswal	Not Ok
44	Q3483-11	HW1025-PT-BNA-SO	SAM	11/05/25 14:38	Not Use	Jaswal	Not Ok
45	Q3483-12	HW1025-PT-TRIAZIN	SAM	11/05/25 14:42	Not Use	Jaswal	Not Ok
46	Q3483-11DL	HW1025-PT-BNA-SO	SAM	11/05/25 14:48	Not Use	Jaswal	Not Ok
47	Q3483-12DL	HW1025-PT-TRIAZIN	SAM	11/05/25 14:52	Not Use	Jaswal	Not Ok
48	CCV04	CCV04	CCV	11/05/25 15:16		Jaswal	OK
49	CCB04	CCB04	CCB	11/05/25 15:21		Jaswal	OK
50	PB170392BL	PB170392BL	MB	11/05/25 15:25		Jaswal	OK
51	PB170392BS	PB170392BS	LCS	11/05/25 15:29		Jaswal	OK
52	Q3534-01	MW-6	SAM	11/05/25 15:33		Jaswal	OK
53	Q3534-02	MW-1	SAM	11/05/25 15:38	Na high, need dilution	Jaswal	Dilution
54	Q3534-03	MW-11	SAM	11/05/25 15:42	Na high, need dilution	Jaswal	Dilution
55	Q3534-04	MW-5	SAM	11/05/25 15:47		Jaswal	OK
56	Q3534-05	MW-EB-1	SAM	11/05/25 15:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	mohan	Supervise On	11/10/2025 8:18:11 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

57	Q3534-06	MW-EB-2	SAM	11/05/25 15:55	Na high, need dilution	Jaswal	Dilution
58	Q3534-07	MW-EB-3	SAM	11/05/25 16:00	Na high, need dilution	Jaswal	Dilution
59	Q3534-09	FB-1	SAM	11/05/25 16:04		Jaswal	OK
60	CCV05	CCV05	CCV	11/05/25 16:17		Jaswal	OK
61	CCB05	CCB05	CCB	11/05/25 16:25		Jaswal	OK
62	Q3537-03	MW-17-PURGE-WATI	SAM	11/05/25 16:30	CCB,CCV Fail for Na	Jaswal	Not Ok
63	Q3541-01	N48969	SAM	11/05/25 16:34	CCB,CCV Fail for Na	Jaswal	Not Ok
64	Q3542-01	AUD-25-182-194	SAM	11/05/25 16:38	CCB,CCV Fail for Na	Jaswal	Not Ok
65	Q3542-01DUP	AUD-25-182-194DUP	DUP	11/05/25 16:42	CCB,CCV Fail for Na	Jaswal	Not Ok
66	Q3542-01L	AUD-25-182-194L	SD	11/05/25 16:47	CCB,CCV Fail for Na	Jaswal	Not Ok
67	Q3542-01MS	AUD-25-182-194MS	MS	11/05/25 16:51	CCB,CCV Fail for Na	Jaswal	Not Ok
68	Q3542-01MSD	AUD-25-182-194MSD	MSD	11/05/25 16:55	CCB,CCV Fail for Na	Jaswal	Not Ok
69	Q3542-01A	AUD-25-182-194A	PS	11/05/25 17:00	CCB,CCV Fail for Na (0.1 ml of each m6008 and m6017 in 10ml sample.)	Jaswal	Not Ok
70	CCV06	CCV06	CCV	11/05/25 17:04		Jaswal	OK
71	CCB06	CCB06	CCB	11/05/25 17:08		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872
ICV Standard	MP87873
CCV Standard	MP87875
ICSA Standard	
CRI Standard	MP87877
LCS Standard	
Chk Standard	MP87874,MP87876,MP87878,MP87864

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/06/25 13:10		mohan	OK
2	S0.2	S0.2	CAL2	11/06/25 13:13		mohan	OK
3	S2.5	S2.5	CAL3	11/06/25 13:15		mohan	OK
4	S5	S5	CAL4	11/06/25 13:17		mohan	OK
5	S7.5	S7.5	CAL5	11/06/25 13:22		mohan	OK
6	S10	S10	CAL6	11/06/25 13:28		mohan	OK
7	ICV101	ICV101	ICV	11/06/25 13:37		mohan	OK
8	ICB101	ICB101	ICB	11/06/25 13:39		mohan	OK
9	CCV34	CCV34	CCV	11/06/25 13:41		mohan	OK
10	CCB34	CCB34	CCB	11/06/25 13:43		mohan	OK
11	CRA	CRA	CRDL	11/06/25 13:46		mohan	OK
12	HighStd	HighStd	HIGH STD	11/06/25 13:48		mohan	OK
13	ChkStd	ChkStd	SAM	11/06/25 13:50		mohan	OK
14	PB170408BL	PB170408BL	MB	11/06/25 13:53		mohan	OK
15	PB170408BS	PB170408BS	LCS	11/06/25 13:55		mohan	OK
16	Q3532-04	TP-1	SAM	11/06/25 13:57		mohan	OK
17	Q3532-04DUP	TP-1DUP	DUP	11/06/25 14:00		mohan	OK
18	Q3532-04MS	TP-1MS	MS	11/06/25 14:02		mohan	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872
ICV Standard	MP87873
CCV Standard	MP87875
ICSA Standard	
CRI Standard	MP87877
LCS Standard	
Chk Standard	MP87874,MP87876,MP87878,MP87864

19	Q3532-04MSD	TP-1MSD	MSD	11/06/25 14:04		mohan	OK
20	Q3532-08	TP-2	SAM	11/06/25 14:06		mohan	OK
21	CCV35	CCV35	CCV	11/06/25 14:09		mohan	OK
22	CCB35	CCB35	CCB	11/06/25 14:11		mohan	OK
23	Q3536-02	FILTER-COMP	SAM	11/06/25 14:13		mohan	OK
24	Q3537-02	MW-17-SOIL	SAM	11/06/25 14:16		mohan	OK
25	Q3544-04	ONYX-1	SAM	11/06/25 14:18		mohan	OK
26	Q3546-10	TP-COMP	SAM	11/06/25 14:20		mohan	OK
27	Q3549-02	RT4922	SAM	11/06/25 14:22		mohan	OK
28	PB170409BL	PB170409BL	MB	11/06/25 14:25		mohan	OK
29	PB170409BS	PB170409BS	LCS	11/06/25 14:27		mohan	OK
30	Q3534-10	EB-1	SAM	11/06/25 14:29		mohan	OK
31	Q3552-01	MW-4	SAM	11/06/25 14:32		mohan	OK
32	Q3552-01DUP	MW-4DUP	DUP	11/06/25 14:34		mohan	OK
33	CCV36	CCV36	CCV	11/06/25 14:36		mohan	OK
34	CCB36	CCB36	CCB	11/06/25 14:38		mohan	OK
35	Q3552-01MS	MW-4MS	MS	11/06/25 14:41		mohan	OK
36	Q3552-01MSD	MW-4MSD	MSD	11/06/25 14:46		mohan	OK
37	Q3552-02	MW-8	SAM	11/06/25 14:48		mohan	OK
38	Q3552-03	MW-9	SAM	11/06/25 14:50		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137799

Review By	mohan	Review On	11/10/2025 8:12:41 AM
Supervise By	jaswal	Supervise On	11/10/2025 9:59:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP87867,MP87868,MP87869,MP87870,MP87871,MP87872
ICV Standard	MP87873
CCV Standard	MP87875
ICSA Standard	
CRI Standard	MP87877
LCS Standard	
Chk Standard	MP87874,MP87876,MP87878,MP87864

39	Q3552-04	MW-10	SAM	11/06/25 14:53		mohan	OK
40	Q3552-05	MW-3	SAM	11/06/25 14:55		mohan	OK
41	CCV37	CCV37	CCV	11/06/25 14:57		mohan	OK
42	CCB37	CCB37	CCB	11/06/25 14:59		mohan	OK
43	PB170394TB	PB170394TB	MB	11/06/25 15:02		mohan	OK
44	Q3532-04L	TP-1L	SD	11/06/25 15:04		mohan	OK
45	Q3532-04A	TP-1A	PS	11/06/25 15:06		mohan	OK
46	Q3552-01L	MW-4L	SD	11/06/25 15:09		mohan	OK
47	Q3552-01A	MW-4A	PS	11/06/25 15:11		mohan	OK
48	CCV38	CCV38	CCV	11/06/25 15:13		mohan	OK
49	CCB38	CCB38	CCB	11/06/25 15:15		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137816

Review By	jaswal	Review On	11/10/2025 10:08:14 AM
Supervise By	mohan	Supervise On	11/10/2025 10:09:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/06/25 12:23		Jaswal	OK
2	S1	S1	CAL2	11/06/25 12:27		Jaswal	OK
3	S2	S2	CAL3	11/06/25 12:31		Jaswal	OK
4	S3	S3	CAL4	11/06/25 12:36		Jaswal	OK
5	S4	S4	CAL5	11/06/25 12:40		Jaswal	OK
6	S5	S5	CAL6	11/06/25 12:44		Jaswal	OK
7	ICV01	ICV01	ICV	11/06/25 13:01		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/06/25 13:10		Jaswal	OK
9	ICB01	ICB01	ICB	11/06/25 13:25		Jaswal	OK
10	CRI01	CRI01	CRDL	11/06/25 13:29		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/06/25 13:33		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/06/25 13:37		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/06/25 13:41		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/06/25 13:45		Jaswal	OK
15	CCV01	CCV01	CCV	11/06/25 13:50		Jaswal	OK
16	CCB01	CCB01	CCB	11/06/25 13:54		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/06/25 13:58		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/06/25 14:20		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137816

Review By	jaswal	Review On	11/10/2025 10:08:14 AM
Supervise By	mohan	Supervise On	11/10/2025 10:09:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	Q3537-03	MW-17-PURGE-WATI	SAM	11/06/25 14:25		Jaswal	OK
20	Q3541-01	N48969	SAM	11/06/25 14:29		Jaswal	OK
21	Q3542-01	AUD-25-182-194	SAM	11/06/25 14:33	Na high	Jaswal	Dilution
22	Q3542-01DUP	AUD-25-182-194DUP	DUP	11/06/25 14:38	Na high	Jaswal	Dilution
23	Q3542-01L	AUD-25-182-194L	SD	11/06/25 14:42		Jaswal	OK
24	Q3542-01MS	AUD-25-182-194MS	MS	11/06/25 14:46	Na high	Jaswal	Dilution
25	Q3542-01MSD	AUD-25-182-194MSD	MSD	11/06/25 14:50	Na high	Jaswal	Dilution
26	LR-3	LR-3	HIGH STD	11/06/25 14:55		Jaswal	OK
27	CCV02	CCV02	CCV	11/06/25 15:03		Jaswal	OK
28	CCB02	CCB02	CCB	11/06/25 15:15		Jaswal	OK
29	Q3542-01A	AUD-25-182-194A	PS	11/06/25 15:19	0.1ml m6008,m6017-10ml sample	Jaswal	OK
30	Q3534-02DL	MW-1DL	SAM	11/06/25 15:23	5x for Na	Jaswal	Confirms
31	Q3534-03DL	MW-11DL	SAM	11/06/25 15:27	5x for Na	Jaswal	Confirms
32	Q3534-06DL	MW-EB-2DL	SAM	11/06/25 15:32	5x for Na	Jaswal	Confirms
33	Q3534-07DL	MW-EB-3DL	SAM	11/06/25 15:36	5x for Na	Jaswal	Confirms
34	Q3542-01DL	AUD-25-182-194DL	SAM	11/06/25 15:40	5x for Na	Jaswal	Confirms
35	Q3542-01DUPDL	AUD-25-182-194DUP	DUP	11/06/25 15:45	5x for Na	Jaswal	Confirms
36	Q3542-01LDL	AUD-25-182-194LDL	SD	11/06/25 15:49	NOT REQUIRED	Jaswal	Not Ok
37	Q3542-01MSDL	AUD-25-182-194MSD	MS	11/06/25 15:53	5x for Na	Jaswal	Confirms

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137816

Review By	jaswal	Review On	11/10/2025 10:08:14 AM
Supervise By	mohan	Supervise On	11/10/2025 10:09:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	Q3542-01MSDDL	AUD-25-182-194MSD	MSD	11/06/25 15:57	5x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/06/25 16:02		Jaswal	OK
40	CCB03	CCB03	CCB	11/06/25 16:06		Jaswal	OK
41	Q3542-01ADL	AUD-25-182-194ADL	PS	11/06/25 16:10	NOT REQUIRED	Jaswal	Not Ok
42	Q3537-01	MW-17-SOIL	SAM	11/06/25 16:14		Jaswal	OK
43	Q3532-01	TP-1	SAM	11/06/25 16:18		Jaswal	OK
44	Q3532-05	TP-2	SAM	11/06/25 16:22		Jaswal	OK
45	Q3532-05DUP	TP-2DUP	DUP	11/06/25 16:26		Jaswal	OK
46	Q3532-05L	TP-2L	SD	11/06/25 16:30		Jaswal	OK
47	Q3532-05MS	TP-2MS	MS	11/06/25 16:34		Jaswal	OK
48	Q3532-05MSD	TP-2MSD	MSD	11/06/25 16:38		Jaswal	OK
49	Q3532-05A	TP-2A	PS	11/06/25 16:42	0.1ml m6008,m6017-10ml sample	Jaswal	OK
50	Q3536-01	FILTER-COMP	SAM	11/06/25 16:46		Jaswal	OK
51	CCV04	CCV04	CCV	11/06/25 16:50		Jaswal	OK
52	CCB04	CCB04	CCB	11/06/25 16:54		Jaswal	OK
53	Q3536-03	2061	SAM	11/06/25 16:58	Fe high, Ag oversaturated	Jaswal	Dilution
54	Q3536-04	2052	SAM	11/06/25 17:03		Jaswal	OK
55	PB170391BL	PB170391BL	MB	11/06/25 17:07		Jaswal	OK
56	PB170391BS	PB170391BS	LCS	11/06/25 17:11		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137816

Review By	jaswal	Review On	11/10/2025 10:08:14 AM
Supervise By	mohan	Supervise On	11/10/2025 10:09:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

57	PB170413BL	PB170413BL	MB	11/06/25 17:15		Jaswal	OK
58	PB170413BS	PB170413BS	LCS	11/06/25 17:19		Jaswal	OK
59	Q3544-01	ONYX-1	SAM	11/06/25 17:23		Jaswal	OK
60	Q3546-01	TP-COMP	SAM	11/06/25 17:27		Jaswal	OK
61	Q3546-01DUP	TP-COMPDUP	DUP	11/06/25 17:31		Jaswal	OK
62	Q3546-01L	TP-COMPL	SD	11/06/25 17:36		Jaswal	OK
63	CCV05	CCV05	CCV	11/06/25 17:40		Jaswal	OK
64	CCB05	CCB05	CCB	11/06/25 17:44		Jaswal	OK
65	Q3546-01MS	TP-COMPMS	MS	11/06/25 17:48		Jaswal	OK
66	Q3546-01MSD	TP-COMPMSD	MSD	11/06/25 17:52		Jaswal	OK
67	Q3546-01A	TP-COMPA	PS	11/06/25 17:56	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	PB170431BL	PB170431BL	MB	11/06/25 18:00		Jaswal	OK
69	PB170431BS	PB170431BS	LCS	11/06/25 18:04		Jaswal	OK
70	PB170431TB	PB170431TB	MB	11/06/25 18:08	Cr fail	Jaswal	Not Ok
71	Q3537-02	MW-17-SOIL	SAM	11/06/25 18:13		Jaswal	OK
72	Q3532-04	TP-1	SAM	11/06/25 18:17		Jaswal	OK
73	Q3532-04DUP	TP-1DUP	DUP	11/06/25 18:21		Jaswal	OK
74	Q3532-04L	TP-1L	SD	11/06/25 18:25		Jaswal	OK
75	CCV06	CCV06	CCV	11/06/25 18:29		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137816

Review By	jaswal	Review On	11/10/2025 10:08:14 AM
Supervise By	mohan	Supervise On	11/10/2025 10:09:50 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

76	CCB06	CCB06	CCB	11/06/25 18:33		Jaswal	OK
77	Q3532-04MS	TP-1MS	MS	11/06/25 18:38		Jaswal	OK
78	Q3532-04MSD	TP-1MSD	MSD	11/06/25 18:42		Jaswal	OK
79	Q3532-04A	TP-1A	PS	11/06/25 18:46	0.1ml m6008,m6017-10ml sample	Jaswal	OK
80	Q3532-08	TP-2	SAM	11/06/25 18:50		Jaswal	OK
81	Q3536-02	FILTER-COMP	SAM	11/06/25 18:54		Jaswal	OK
82	Q3544-04	ONYX-1	SAM	11/06/25 18:58		Jaswal	OK
83	Q3546-10	TP-COMP	SAM	11/06/25 19:02		Jaswal	OK
84	Q3549-02	RT4922	SAM	11/06/25 19:07		Jaswal	OK
85	CCV07	CCV07	CCV	11/06/25 19:11		Jaswal	OK
86	CCB07	CCB07	CCB	11/06/25 19:15		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/07/25 12:54		Jaswal	OK
2	S1	S1	CAL2	11/07/25 12:58		Jaswal	OK
3	S2	S2	CAL3	11/07/25 13:03		Jaswal	OK
4	S3	S3	CAL4	11/07/25 13:07		Jaswal	OK
5	S4	S4	CAL5	11/07/25 13:11		Jaswal	OK
6	S5	S5	CAL6	11/07/25 13:15		Jaswal	OK
7	ICV01	ICV01	ICV	11/07/25 13:19		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/07/25 13:36		Jaswal	OK
9	ICB01	ICB01	ICB	11/07/25 13:42		Jaswal	OK
10	CRI01	CRI01	CRDL	11/07/25 13:46		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/07/25 13:51		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/07/25 13:55		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/07/25 13:59		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/07/25 14:03		Jaswal	OK
15	CCV01	CCV01	CCV	11/07/25 14:12		Jaswal	OK
16	CCB01	CCB01	CCB	11/07/25 14:17		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/07/25 14:21		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/07/25 14:26		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	11/07/25 14:30		Jaswal	OK
20	Q3536-03DL	2061DL	SAM	11/07/25 14:35	5X For Fe, Ag	Jaswal	Confirms
21	PB170394TB	PB170394TB	MB	11/07/25 14:39		Jaswal	OK
22	PB170412BL	PB170412BL	MB	11/07/25 14:43		Jaswal	OK
23	PB170412BS	PB170412BS	LCS	11/07/25 14:47		Jaswal	OK
24	PB170411BL	PB170411BL	MB	11/07/25 14:52		Jaswal	OK
25	PB170411BS	PB170411BS	LCS	11/07/25 14:56		Jaswal	OK
26	Q3534-10	EB-1	SAM	11/07/25 15:00		Jaswal	OK
27	CCV02	CCV02	CCV	11/07/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	11/07/25 15:14		Jaswal	OK
29	Q3552-01	MW-4	SAM	11/07/25 15:20		Jaswal	OK
30	Q3552-02	MW-8	SAM	11/07/25 15:25	Mn,Na is high, Need dilution	Jaswal	Dilution
31	Q3552-03	MW-9	SAM	11/07/25 15:29		Jaswal	OK
32	Q3552-04	MW-10	SAM	11/07/25 15:33	Na high	Jaswal	Dilution
33	Q3552-04DUP	MW-10DUP	DUP	11/07/25 15:38	Na high	Jaswal	Dilution
34	Q3552-04L	MW-10L	SD	11/07/25 15:42		Jaswal	OK
35	Q3552-04MS	MW-10MS	MS	11/07/25 15:46	Na high	Jaswal	Dilution
36	Q3552-04MSD	MW-10MSD	MSD	11/07/25 15:51	Na high	Jaswal	Dilution
37	Q3552-04A	MW-10A	PS	11/07/25 15:55	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137834

Review By	jaswal	Review On	11/11/2025 11:59:43 AM
Supervise By	mohan	Supervise On	11/11/2025 1:12:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	Q3552-05	MW-3	SAM	11/07/25 15:59		Jaswal	OK
39	CCV03	CCV03	CCV	11/07/25 16:03		Jaswal	OK
40	CCB03	CCB03	CCB	11/07/25 16:07		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MS	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

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Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	Jaswal	Supervise On	11/11/2025 15:30:49 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170392

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/05/2025 **Time :** 10:30 **Temp :** 96 °C

End Digest Date: 11/05/2025 **Time :** 13:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/05/25 14:32	SLS metals	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170392

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170392BL	PBW392	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170392BS	LCS392	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3534-01	MW-6	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3534-02	MW-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3534-03	MW-11	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3534-04	MW-5	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3534-05	MW-EB-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3534-06	MW-EB-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3534-07	MW-EB-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3534-09	FB-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3537-03	MW-17-PURGE-WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3541-01	N48969	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3542-01	AUD-25-182-194	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3542-01MS	AUD-25-182-194MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	15
Q3542-01MSD	AUD-25-182-194MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3542-01DUP	AUD-25-182-194DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170407

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/05/2025 **Time :** 11:05 **Temp :** 94 °C

End Digest Date: 11/05/2025 **Time :** 13:10 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: [illegible]

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87855
CCV	30mL	MP87857
CRA	30mL	MP87859
Blank Spike	0.48mL	MP87848
Matrix Spike	0.48mL	MP87848

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87849
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87850
2.5 ppb	S2.5	30mL	MP87851
5.0 ppb	S5.0	30mL	MP87852
7.5 ppb	S7.5	30mL	MP87853
10.0 ppb	S10.0	30mL	MP87854
ICV	ICV	30mL	MP87855
ICB	ICB	30mL	MP87856
CCV	CCV	30mL	MP87857
CCB	CCB	30mL	MP87858
CRI	CRI	30mL	MP87859
CHK STD	CHK STD	30mL	MP87860

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/5/25 @ 13:30	MB - Dig. Lab	[illegible] - Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170407

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170407BL	PBW407	30	30	<2	N/A	3-1
PB170407BS	LCS407	30	30	<2	MP87848	2
Q3534-01	MW-6	30	30	<2	N/A	3
Q3534-02	MW-1	30	30	<2	N/A	4
Q3534-03	MW-11	30	30	<2	N/A	5
Q3534-04	MW-5	30	30	<2	N/A	6
Q3534-05	MW-EB-1	30	30	<2	N/A	7
Q3534-06	MW-EB-2	30	30	<2	N/A	8
Q3534-07	MW-EB-3	30	30	<2	N/A	9
Q3534-09	FB-1	30	30	<2	N/A	10
Q3537-03	MW-17-PURGE-WATER	30	30	<2	N/A	11
Q3541-01	N48969	30	30	<2	N/A	12
Q3542-01	AUD-25-182-194	30	30	<2	N/A	13
Q3542-01MS	AUD-25-182-194MS	30	30	<2	MP87848	15
Q3542-01MSD	AUD-25-182-194MSD	30	30	<2	MP87848	16
Q3542-01DUP	AUD-25-182-194DUP	30	30	<2	N/A	14

A B C D E F G H I J

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170409

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/06/2025 **Time :** 09:40 **Temp :** 96 °C

End Digest Date: 11/06/2025 **Time :** 11:40 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: HG MET-DIG. # 3

Dig Technician Signature: MB

Supervisor Signature: IL

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87873
CCV	30mL	MP87875
CRA	30mL	MP87877
Blank Spike	0.48mL	MP87866
Matrix Spike	0.48mL	MP87866

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87867
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87868
2.5 ppb	S2.5	30mL	MP87869
5.0 ppb	S5.0	30mL	MP87870
7.5 ppb	S7.5	30mL	MP87871
10.0 ppb	S10.0	30mL	MP87872
ICV	ICV	30mL	MP87873
ICB	ICB	30mL	MP87874
CCV	CCV	30mL	MP87875
CCB	CCB	30mL	MP87876
CRI	CRI	30mL	MP87877
CHK STD	CHK STD	30mL	MP87878

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 @ 12:15	MB – Dig. Lab	MB – Mercury Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170409

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170409BL	PBW409	30	30	<2	N/A	3-14
PB170409BS	LCS409	30	30	<2	MP87866	15
Q3534-10	EB-1	30	30	<2	N/A	16
Q3552-01DUP	MW-4DUP	30	30	<2	N/A	18
Q3552-01MS	MW-4MS	30	30	<2	MP87866	19
Q3552-01MSD	MW-4MSD	30	30	<2	MP87866	20
Q3552-01	MW-4	30	30	<2	N/A	17
Q3552-02	MW-8	30	30	<2	N/A	21
Q3552-03	MW-9	30	30	<2	N/A	22
Q3552-04	MW-10	30	30	<2	N/A	23
Q3552-05	MW-3	30	30	<2	N/A	24

A B C D E F G H I J

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170411

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/06/2025 **Time :** 10:55 **Temp :** 96 °C

End Digest Date: 11/06/2025 **Time :** 13:55 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SH29

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/25 14:55	SH29 met dig	(metals lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170411

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170411BL	PBW411	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
PB170411BS	LCS411	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3534-10	EB-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q3552-01	MW-4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3552-02	MW-8	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19
Q3552-03	MW-9	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	20
Q3552-04	MW-10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3552-04MS	MW-10MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	23
Q3552-04MSD	MW-10MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	24
Q3552-04DUP	MW-10DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	22
Q3552-05	MW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	25

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 10:45
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6	SDG No.:	Q3534
Lab Sample ID:	Q3534-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 18:03	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 18:03	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 18:03	300.0
BOD5	92.0		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	90.6		1	1.50	10.0	mg/L		11/07/25 13:08	SM 5220 D-11
Cyanide	0.047	U	1	0.047	0.25	mg/L	11/07/25 10:15	11/07/25 15:33	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:48	7196A
Oil and Grease	1.50	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.20	H	1	0	0	pH		11/05/25 10:25	9040C
TDS	724		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	34.2	OR	1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.6 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 10:45
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-6DL	SDG No.:	Q3534
Lab Sample ID:	Q3534-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	58.9	D	10	1.10	5.00	mg/L	11/06/25 09:10	11/06/25 16:25	SM4500-N Org C-21 plus NH3 B plus G-21

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 11:50
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 18:25	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 18:25	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 18:25	300.0
BOD5	8.40		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	113		1	1.50	10.0	mg/L		11/07/25 13:08	SM 5220 D-11
Cyanide	0.050	J	1	0.048	0.25	mg/L	11/07/25 10:15	11/07/25 15:41	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:48	7196A
Oil and Grease	0.29	U	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.52	H	1	0	0	pH		11/05/25 10:26	9040C
TDS	10100		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	3.30		1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 12:00
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-11	SDG No.:	Q3534
Lab Sample ID:	Q3534-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 18:46	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 18:46	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 18:46	300.0
BOD5	7.06		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	86.6		1	1.50	10.0	mg/L		11/07/25 13:09	SM 5220 D-11
Cyanide	0.046	U	1	0.046	0.24	mg/L	11/07/25 10:15	11/07/25 15:41	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:49	7196A
Oil and Grease	0.40	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.64	H	1	0	0	pH		11/05/25 10:33	9040C
TDS	11400		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	1.20		1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 10:20
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5	SDG No.:	Q3534
Lab Sample ID:	Q3534-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 19:08	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 19:08	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 19:08	300.0
BOD5	57.1		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	71.4		1	1.50	10.0	mg/L		11/07/25 13:09	SM 5220 D-11
Cyanide	0.17	J	1	0.047	0.25	mg/L	11/07/25 10:15	11/07/25 15:41	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:49	7196A
Oil and Grease	0.30	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.56	H	1	0	0	pH		11/05/25 10:37	9040C
TDS	1160		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	10.9	OR	1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.9 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 10:20
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-5DL	SDG No.:	Q3534
Lab Sample ID:	Q3534-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	28.2	D	5	0.55	2.50	mg/L	11/06/25 09:10	11/06/25 16:25	SM4500-N Org C-21 plus NH3 B plus G-21

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 15:00
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 19:29	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 19:29	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 19:29	300.0
BOD5	116		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	140		1	1.50	10.0	mg/L		11/07/25 13:10	SM 5220 D-11
Cyanide	0.061	J	1	0.048	0.25	mg/L	11/07/25 10:15	11/07/25 15:48	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:50	7196A
Oil and Grease	5.40		1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.32	H	1	0	0	pH		11/05/25 10:40	9040C
TDS	920		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	30.1	OR	1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 15:00
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-1DL	SDG No.:	Q3534
Lab Sample ID:	Q3534-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	35.0	D	10	1.10	5.00	mg/L	11/06/25 09:10	11/06/25 16:25	SM4500-N Org C-21 plus NH3 B plus G-21

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 10:05
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-2	SDG No.:	Q3534
Lab Sample ID:	Q3534-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 19:51	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 19:51	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 19:51	300.0
BOD5	14.5		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	60.3		1	1.50	10.0	mg/L		11/07/25 13:10	SM 5220 D-11
Cyanide	0.23	J	1	0.047	0.25	mg/L	11/07/25 10:15	11/07/25 15:48	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:50	7196A
Oil and Grease	0.60	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.56	H	1	0	0	pH		11/05/25 10:47	9040C
TDS	6470		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	7.90		1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.8 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/03/25 14:30
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	MW-EB-3	SDG No.:	Q3534
Lab Sample ID:	Q3534-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		11/04/25 20:12	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/04/25 20:12	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/04/25 20:12	300.0
BOD5	33.9		1	0.20	2.00	mg/L		11/05/25 10:10	SM 5210 B-16
COD	97.7		1	1.50	10.0	mg/L		11/07/25 13:11	SM 5220 D-11
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/07/25 10:15	11/07/25 15:48	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:52	7196A
Oil and Grease	0.70	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.70	H	1	0	0	pH		11/05/25 10:50	9040C
TDS	8970		1	1.00	10.0	mg/L		11/05/25 11:30	SM 2540 C-20
TKN	6.20		1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.8 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 11:20
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	FB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-09	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.048	U	1	0.048	0.25	mg/L	11/07/25 10:15	11/07/25 15:48	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/04/25 16:54	7196A
Oil and Grease	0.29	U	1	0.29	5.00	mg/L		11/07/25 10:30	1664A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 11:20
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	EB-1	SDG No.:	Q3534
Lab Sample ID:	Q3534-10	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.046	U	1	0.046	0.24	mg/L	11/07/25 10:15	11/07/25 15:48	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/05/25 10:07	7196A
Oil and Grease	0.29	U	1	0.29	5.00	mg/L		11/07/25 10:30	1664A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137763

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: CCV1						
Bromide	mg/L	10.3	10	103	90-110	11/04/2025
Chloride	mg/L	3.1	3	103	90-110	11/04/2025
Fluoride	mg/L	2	2	100	90-110	11/04/2025
Nitrite	mg/L	3.1	3	103	90-110	11/04/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/04/2025
Sulfate	mg/L	15.1	15	101	90-110	11/04/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	11/04/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	11/04/2025
Chloride	mg/L	3.1	3	103	90-110	11/04/2025
Fluoride	mg/L	2.1	2	105	90-110	11/04/2025
Nitrite	mg/L	3.1	3	103	90-110	11/04/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/04/2025
Sulfate	mg/L	15.4	15	103	90-110	11/04/2025
Orthophosphate as P	mg/L	5.6	5	112	90-110	11/04/2025
Sample ID: CCV3						
Bromide	mg/L	10.1	10	101	90-110	11/05/2025
Chloride	mg/L	3	3	100	90-110	11/05/2025
Fluoride	mg/L	2	2	100	90-110	11/05/2025
Nitrite	mg/L	3	3	100	90-110	11/05/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/05/2025
Sulfate	mg/L	15	15	100	90-110	11/05/2025
Orthophosphate as P	mg/L	4.5	5	90	90-110	11/05/2025
Sample ID: CCV4						
Bromide	mg/L	10.1	10	101	90-110	11/05/2025
Chloride	mg/L	3	3	100	90-110	11/05/2025
Fluoride	mg/L	2	2	100	90-110	11/05/2025
Nitrite	mg/L	3	3	100	90-110	11/05/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/05/2025
Sulfate	mg/L	14.9	15	99	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137763

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137766

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/04/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	11/04/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	11/04/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	11/04/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137776

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	6.98	7	100	90-110	11/05/2025
Sample ID: **CCV1**						
pH	pH	2.02	2.00	101	90-110	11/05/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	11/05/2025
Sample ID: **CCV3**						
pH	pH	2.01	2.00	101	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137790

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/05/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/05/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137809

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TKN		mg/L	5	5	100	90-110	11/06/2025
Sample ID:	CCV1						
TKN		mg/L	4.9	5	98	90-110	11/06/2025
Sample ID:	CCV2						
TKN		mg/L	4.9	5	98	90-110	11/06/2025
Sample ID:	CCV3						
TKN		mg/L	5	5	100	90-110	11/06/2025
Sample ID:	CCV4						
TKN		mg/L	4.9	5	98	90-110	11/06/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137820

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
COD	mg/L	50.173	50	100	95-105	09/08/2025
Sample ID: **CCV1**						
COD	mg/L	51.184	50	102	95-105	11/07/2025
Sample ID: **CCV2**						
COD	mg/L	51.184	50	102	95-105	11/07/2025
Sample ID: **CCV3**						
COD	mg/L	50.173	50	100	95-105	11/07/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137830

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.097	0.099	98	90-110	11/07/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.25	0.25	100	90-110	11/07/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	11/07/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.24	0.25	96	90-110	11/07/2025
Sample ID:	CCV4						
Cyanide		mg/L	0.24	0.25	96	90-110	11/07/2025
Sample ID:	CCV5						
Cyanide		mg/L	0.26	0.25	104	90-110	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137763

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/03/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/04/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/04/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/05/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/05/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137766

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/04/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/04/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/04/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/04/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137790

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/05/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/05/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/05/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137809

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025
Sample ID:	CCB1							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025
Sample ID:	CCB2							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025
Sample ID:	CCB3							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025
Sample ID:	CCB4							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137820

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/08/2025
Sample ID: CCB1							
COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/07/2025
Sample ID: CCB2							
COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/07/2025
Sample ID: CCB3							
COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **RunNo.:** LB137830

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025
Sample ID:	CCB4							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025
Sample ID:	CCB5							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/07/2025

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Preparation Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137763BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/04/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/04/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/04/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/04/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/04/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/04/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/04/2025
Sample ID: LB137763BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/05/2025
Sample ID: lb137766BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/04/2025
Sample ID: LB137775BL							
TDS	mg/L	1	5.0000	J	1.0	10	11/05/2025
Sample ID: LB137780BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/05/2025
Sample ID: LB137790BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/05/2025
Sample ID: LB137814BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/07/2025
Sample ID: LB137820BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/07/2025
Sample ID: PB170430BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/06/2025
Sample ID: PB170441BL							
Cyanide	mg/L	< 0.1250	0.1250	U	0.048	0.25	11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-01
Client ID: MW-6MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	1.80		0.047	U	1.94175	1	93		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-01
Client ID: MW-6MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	1.80		0.047	U	1.9802	1	91		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-07
Client ID: MW-EB-3MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.94		0.0030	U	1.0	2	94		11/04/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-07
Client ID: MW-EB-3MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.95		0.0030	U	1.0	2	95		11/04/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.50		0.37	U	10	1	95		11/05/2025
Chloride	mg/L	80-120	132	OR	137	OR	3	1	-167	*	11/05/2025
TKN	mg/L	75-125	5.20		0.25	J	5	1	99		11/06/2025
Fluoride	mg/L	80-120	2.10		0.18	J	2	1	96		11/05/2025
Nitrite	mg/L	80-120	2.80		0.074	U	3	1	93		11/05/2025
Nitrate	mg/L	80-120	2.60		0.34	J	2.5	1	90		11/05/2025
Sulfate	mg/L	80-120	22.9		9.30		15	1	91		11/05/2025
Orthophosphate as P	mg/L	80-120	5.00		0.34	U	5	1	100		11/05/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.0		0.37	U	10	1	100		11/05/2025
Chloride	mg/L	80-120	132	OR	137	OR	3	1	-167	*	11/05/2025
TKN	mg/L	75-125	5.10		0.25	J	5	1	97		11/06/2025
Fluoride	mg/L	80-120	2.10		0.18	J	2	1	96		11/05/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		11/05/2025
Nitrate	mg/L	80-120	2.70		0.34	J	2.5	1	94		11/05/2025
Sulfate	mg/L	80-120	23.4		9.30		15	1	94		11/05/2025
Orthophosphate as P	mg/L	80-120	4.70		0.34	U	5	1	94		11/05/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3541-01
Client ID: N48969MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	60.3		11.7		50.0	1	97		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3541-01
Client ID: N48969MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	59.3		11.7		50.0	1	95		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	25.9		5.80		20.0	1	101		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	26.0		5.80		20.0	1	101		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3554-01
Client ID: EFFLUENTMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	38.6		18.4		20.0	1	101		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3554-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	38.8		18.4		20.0	1	102		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-01
Client ID: MW-6DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.047	U	0.047	U	1	0		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-01
Client ID: MW-6MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	1.80		1.80		1	0		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-07
Client ID: MW-EB-3DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		11/04/2025
TDS	mg/L	+/-5	8970		9400		1	4.69		11/05/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3534-07
Client ID: MW-EB-3MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.94		0.95		2	0.42		11/04/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	0.20	U	0.20	U	1	0		11/05/2025
TKN	mg/L	+/-20	0.25	J	0.25	J	1	0		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3537-03
Client ID: MW-17-PURGE-WATERMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Fluoride	mg/L	+/-20	2.10		2.10		1	0		11/05/2025
Chloride	mg/L	+/-20	132	OR	132	OR	1	0		11/05/2025
Sulfate	mg/L	+/-20	22.9		23.4		1	2		11/05/2025
Nitrate	mg/L	+/-20	2.60		2.70		1	4		11/05/2025
Bromide	mg/L	+/-20	9.50		10.0		1	5		11/05/2025
Orthophosphate as P	mg/L	+/-20	5.00		4.70		1	6		11/05/2025
Nitrite	mg/L	+/-20	2.80		3.00		1	7		11/05/2025
TKN	mg/L	+/-20	5.20		5.10		1	2		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3541-01
Client ID: N48969DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	11.7		11.7		1	0		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3541-01
Client ID: N48969MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	60.3		59.3		1	1.67		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3542-01
Client ID: AUD-25-182-194DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	9.70		9.72		1	0.21		11/05/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3554-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	38.6		38.8		1	0.52		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3534
Project: Edison Landfill
Sample ID: Q3551-01
Client ID: MANHOLEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	25.9		26.0		1	0.39		11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137763

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137763BSW								
Bromide	mg/L	10	10.2		102	1	90-110	11/04/2025
Chloride	mg/L	3	3.10		103	1	90-110	11/04/2025
Fluoride	mg/L	2	2.00		100	1	90-110	11/04/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/04/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/04/2025
Sulfate	mg/L	15	15.2		101	1	90-110	11/04/2025
Orthophosphate as P	mg/L	5	4.90		98	1	90-110	11/04/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137763

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137763BSW2								
Bromide	mg/L	10	10.1		101	1	90-110	11/05/2025
Chloride	mg/L	3	3.10		103	1	90-110	11/05/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/05/2025
Nitrite	mg/L	3	3.00		100	1	90-110	11/05/2025
Nitrate	mg/L	2.5	2.50		100	1	90-110	11/05/2025
Sulfate	mg/L	15	15.2		101	1	90-110	11/05/2025
Orthophosphate as P	mg/L	5	4.60		92	1	90-110	11/05/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3534
Project:	Edison Landfill	**Run No.:**	LB137766

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID lb137766BS								
Hexavalent Chromium	mg/L	0.5	0.51		103	1	90-111	11/04/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137775

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137775BS								
TDS	mg/L	100	95.0		95	1	90-110	11/05/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137780

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137780BS								
BOD5	mg/L	198	195		98	1	84.6-115.4	11/05/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137790

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137790BS								
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	11/05/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137814

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137814BS								
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137820

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137820BS								
COD	mg/L	50	52.2		104	1	90-110	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137809

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170430BS								
TKN	mg/L	5	5.00		100	1	90-110	11/06/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3534

Project: Edison Landfill **Run No.:** LB137830

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170441BS								
Cyanide	mg/L	5	4.90		98	1	85-115	11/07/2025

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137763

Review By	rubina	Review On	11/5/2025 4:42:04 PM
Supervise By	Iwona	Supervise On	11/5/2025 4:43:51 PM
SubDirectory	LB137763	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115451,WP115470
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115452,WP115471
Chk Standard	WP115449,WP115450,WP115472,WP115473,WP115474

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	11/03/25 15:58	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	11/03/25 16:22	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	11/03/25 17:04	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	11/03/25 17:47		RM/IZ	OK
5	STD5	STD5	CAL5	11/03/25 18:08		RM/IZ	OK
6	STD6	STD6	CAL6	11/03/25 18:30		RM/IZ	OK
7	STD7	STD7	CAL7	11/03/25 18:51		RM/IZ	OK
8	ICV1	ICV1	ICV	11/03/25 19:13		RM/IZ	OK
9	ICB1	ICB1	ICB	11/03/25 19:34		RM/IZ	OK
10	CCV1	CCV1	CCV	11/04/25 16:16		RM/IZ	OK
11	CCB1	CCB1	CCB	11/04/25 16:37		RM/IZ	OK
12	LB137763BLW	LB137763BLW	MB	11/04/25 16:59		RM/IZ	OK
13	LB137763BSW	LB137763BSW	LCS	11/04/25 17:20		RM/IZ	OK
14	Q3534-01	MW-6	SAM	11/04/25 18:03		RM/IZ	OK
15	Q3534-02	MW-1	SAM	11/04/25 18:25		RM/IZ	OK
16	Q3534-03	MW-11	SAM	11/04/25 18:46		RM/IZ	OK
17	Q3534-04	MW-5	SAM	11/04/25 19:08		RM/IZ	OK
18	Q3534-05	MW-EB-1	SAM	11/04/25 19:29		RM/IZ	OK

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137763

Review By	rubina	Review On	11/5/2025 4:42:04 PM
Supervise By	Iwona	Supervise On	11/5/2025 4:43:51 PM
SubDirectory	LB137763	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115451,WP115470
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115452,WP115471
Chk Standard	WP115449,WP115450,WP115472,WP115473,WP115474

19	Q3534-06	MW-EB-2	SAM	11/04/25 19:51		RM/IZ	OK
20	Q3534-07	MW-EB-3	SAM	11/04/25 20:12		RM/IZ	OK
21	CCV2	CCV2	CCV	11/04/25 21:17	CCV fail for OPO4	RM/IZ	OK
22	CCB2	CCB2	CCB	11/04/25 21:39		RM/IZ	OK
23	CCV3	CCV3	CCV	11/05/25 09:50		RM/IZ	OK
24	CCB3	CCB3	CCB	11/05/25 10:11		RM/IZ	OK
25	LB137763BLW2	LB137763BLW2	MB	11/05/25 10:33		RM/IZ	OK
26	LB137763BSW2	LB137763BSW2	LCS	11/05/25 10:54		RM/IZ	OK
27	Q3537-03	MW-17-PURGE-WATI	SAM	11/05/25 11:16		RM/IZ	OK
28	Q3537-03MS	MW-17-PURGE-WATI	MS	11/05/25 11:37	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
29	Q3537-03MSD	MW-17-PURGE-WATI	MSD	11/05/25 11:59	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
30	Q3541-01	N48969	SAM	11/05/25 12:20		RM/IZ	OK
31	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/05/25 12:42		RM/IZ	OK
32	Q3530-07	LOD-MDL-WATER-01	SAM	11/05/25 13:04		RM/IZ	OK
33	Q3530-07RE	LOD-MDL-WATER-01	SAM	11/05/25 13:25		RM/IZ	OK
34	CCV4	CCV4	CCV	11/05/25 13:47		RM/IZ	OK
35	CCB4	CCB4	CCB	11/05/25 14:08		RM/IZ	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137766

Review By	rubina	Review On	11/5/2025 10:29:35 AM
Supervise By	Iwona	Supervise On	11/5/2025 10:29:55 AM
SubDirectory	LB137766	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115461,WP115460,WP115458,WP115457,WP115393,WP115340,WP115465,WP115466,WP115459,WP115464,\

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/04/25 16:40		rubina	OK
2	CAL2	CAL2	CAL	11/04/25 16:40		rubina	OK
3	CAL3	CAL3	CAL	11/04/25 16:41		rubina	OK
4	CAL4	CAL4	CAL	11/04/25 16:41		rubina	OK
5	CAL5	CAL5	CAL	11/04/25 16:42		rubina	OK
6	CAL6	CAL6	CAL	11/04/25 16:42		rubina	OK
7	CAL7	CAL7	CAL	11/04/25 16:43		rubina	OK
8	ICV	ICV	ICV	11/04/25 16:43		rubina	OK
9	ICB	ICB	ICB	11/04/25 16:44		rubina	OK
10	CCV1	CCV1	CCV	11/04/25 16:44		rubina	OK
11	CCB1	CCB1	CCB	11/04/25 16:45		rubina	OK
12	RL Check	RL Check	RL	11/04/25 16:45		rubina	OK
13	lb137766BL	lb137766BL	MB	11/04/25 16:46		rubina	OK
14	lb137766BS	lb137766BS	LCS	11/04/25 16:46		rubina	OK
15	Q3530-07	LOD-MDL-WATER-01	SAM	11/04/25 16:47		rubina	OK
16	Q3530-08	LOQ-WATER-02-QT4	SAM	11/04/25 16:47		rubina	OK
17	Q3534-01	MW-6	SAM	11/04/25 16:48		rubina	OK
18	Q3534-02	MW-1	SAM	11/04/25 16:48		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137766

Review By	rubina	Review On	11/5/2025 10:29:35 AM
Supervise By	Iwona	Supervise On	11/5/2025 10:29:55 AM
SubDirectory	LB137766	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115461,WP115460,WP115458,WP115457,WP115393,WP115340,WP115465,WP115466,WP115459,WP115464,\

19	Q3534-03	MW-11	SAM	11/04/25 16:49		rubina	OK
20	Q3534-04	MW-5	SAM	11/04/25 16:49		rubina	OK
21	Q3534-05	MW-EB-1	SAM	11/04/25 16:50		rubina	OK
22	Q3534-06	MW-EB-2	SAM	11/04/25 16:50		rubina	OK
23	CCV2	CCV2	CCV	11/04/25 16:51		rubina	OK
24	CCB2	CCB2	CCB	11/04/25 16:51		rubina	OK
25	Q3534-07	MW-EB-3	SAM	11/04/25 16:52		rubina	OK
26	Q3534-07DUP	MW-EB-3DUP	DUP	11/04/25 16:52		rubina	OK
27	Q3534-07MS	MW-EB-3MS	MS	11/04/25 16:53	2ML WP113880+98.0ML SAMPLE	rubina	OK
28	Q3534-07MSD	MW-EB-3MSD	MSD	11/04/25 16:53	2ML WP113880+98.0ML SAMPLE	rubina	OK
29	Q3534-09	FB-1	SAM	11/04/25 16:54		rubina	OK
30	CCV3	CCV3	CCV	11/04/25 16:54		rubina	OK
31	CCB3	CCB3	CCB	11/04/25 16:55		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137775

Review By	jignesh	Review On	11/6/2025 10:32:55 AM
Supervise By	rubina	Supervise On	11/6/2025 12:05:16 PM
SubDirectory	LB137775	Test	TDS

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137775BL	LB137775BL	MB	11/05/25 11:30		jignesh	OK
2	LB137775BS	LB137775BS	LCS	11/05/25 11:30	WP115490	jignesh	OK
3	Q3534-01	MW-6	SAM	11/05/25 11:30		jignesh	OK
4	Q3534-02	MW-1	SAM	11/05/25 11:30		jignesh	OK
5	Q3534-03	MW-11	SAM	11/05/25 11:30		jignesh	OK
6	Q3534-04	MW-5	SAM	11/05/25 11:30		jignesh	OK
7	Q3534-05	MW-EB-1	SAM	11/05/25 11:30		jignesh	OK
8	Q3534-06	MW-EB-2	SAM	11/05/25 11:30		jignesh	OK
9	Q3534-07	MW-EB-3	SAM	11/05/25 11:30		jignesh	OK
10	Q3534-07DUP	MW-EB-3DUP	DUP	11/05/25 11:30		jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137776

Review By	jignesh	Review On	11/5/2025 10:19:09 AM
Supervise By	Iwona	Supervise On	11/5/2025 10:52:58 AM
SubDirectory	LB137776	Test	pH

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/05/25 10:10		jignesh	OK
2	CAL2	CAL2	CAL	11/05/25 10:11		jignesh	OK
3	CAL3	CAL3	CAL	11/05/25 10:14		jignesh	OK
4	ICV	ICV	ICV	11/05/25 10:15		jignesh	OK
5	CCV1	CCV1	CCV	11/05/25 10:19		jignesh	OK
6	Q3534-01	MW-6	SAM	11/05/25 10:25		jignesh	OK
7	Q3534-02	MW-1	SAM	11/05/25 10:26		jignesh	OK
8	Q3534-03	MW-11	SAM	11/05/25 10:33		jignesh	OK
9	Q3534-04	MW-5	SAM	11/05/25 10:37		jignesh	OK
10	Q3534-05	MW-EB-1	SAM	11/05/25 10:40		jignesh	OK
11	Q3534-06	MW-EB-2	SAM	11/05/25 10:47		jignesh	OK
12	Q3534-07	MW-EB-3	SAM	11/05/25 10:50		jignesh	OK
13	Q3537-03	MW-17-PURGE-WATI	SAM	11/05/25 11:00		jignesh	OK
14	Q3541-01	N48969	SAM	11/05/25 11:10		jignesh	OK
15	Q3542-01	AUD-25-182-194	SAM	11/05/25 11:20		jignesh	OK
16	CCV2	CCV2	CCV	11/05/25 11:25		jignesh	OK
17	Q3542-01DUP	AUD-25-182-194DUP	DUP	11/05/25 11:27		jignesh	OK
18	CCV3	CCV3	CCV	11/05/25 11:30		jignesh	OK

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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB137780

Review By	rubina	Review On	11/10/2025 3:42:36 PM
Supervise By	Iwona	Supervise On	11/10/2025 3:45:40 PM
SubDirectory	LB137780	Test	BOD5

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115467,W3149,WP115342,W3103,W3109,W3248,WP115469,WP115468,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137780BL	LB137780BL	MB	11/05/25 10:10		rubina	OK
2	LB137780BS	LB137780BS	LCS	11/05/25 10:10		rubina	OK
3	Q3534-01	MW-6	SAM	11/05/25 10:10		rubina	OK
4	Q3534-02	MW-1	SAM	11/05/25 10:10		rubina	OK
5	Q3534-03	MW-11	SAM	11/05/25 10:10		rubina	OK
6	Q3534-04	MW-5	SAM	11/05/25 10:10		rubina	OK
7	Q3534-05	MW-EB-1	SAM	11/05/25 10:10		rubina	OK
8	Q3534-06	MW-EB-2	SAM	11/05/25 10:10		rubina	OK
9	Q3534-07	MW-EB-3	SAM	11/05/25 10:10		rubina	OK
10	Q3537-03	MW-17-PURGE-WATI	SAM	11/05/25 10:10		rubina	OK
11	Q3537-03DUP	MW-17-PURGE-WATI	DUP	11/05/25 10:10		rubina	OK
12	Q3541-01	N48969	SAM	11/05/25 10:10		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137790

Review By	rubina	Review On	11/6/2025 9:40:03 AM
Supervise By	jignesh	Supervise On	11/6/2025 2:26:30 PM
SubDirectory	LB137790	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115485,WP115484,WP115489,WP115482,WP115393,WP115340,WP115483,WP115488,WP115486,WP115487

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/05/25 10:00		rubina	OK
2	CAL2	CAL2	CAL	11/05/25 10:00		rubina	OK
3	CAL3	CAL3	CAL	11/05/25 10:01		rubina	OK
4	CAL4	CAL4	CAL	11/05/25 10:01		rubina	OK
5	CAL5	CAL5	CAL	11/05/25 10:02		rubina	OK
6	CAL6	CAL6	CAL	11/05/25 10:02		rubina	OK
7	CAL7	CAL7	CAL	11/05/25 10:03		rubina	OK
8	ICV	ICV	ICV	11/05/25 10:03		rubina	OK
9	ICB	ICB	ICB	11/05/25 10:04		rubina	OK
10	CCV1	CCV1	CCV	11/05/25 10:04		rubina	OK
11	CCB1	CCB1	CCB	11/05/25 10:05		rubina	OK
12	RL Check	RL Check	RL	11/05/25 10:05		rubina	OK
13	LB137790BL	LB137790BL	MB	11/05/25 10:06		rubina	OK
14	LB137790BS	LB137790BS	LCS	11/05/25 10:06		rubina	OK
15	Q3534-10	EB-1	SAM	11/05/25 10:07		rubina	OK
16	CCV2	CCV2	CCV	11/05/25 10:07		rubina	OK
17	CCB2	CCB2	CCB	11/05/25 10:08		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137809

Review By	rubina	Review On	11/7/2025 8:55:26 AM
Supervise By	Iwona	Supervise On	11/7/2025 8:55:35 AM
SubDirectory	LB137809	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115506
ICV Standard	WP115508
CCV Standard	WP115507
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115509
Chk Standard	WP115290,WP114133,WP113929,WP114132

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/06/25 14:29		rubina	OK
2	0.5PPM	0.5PPM	CAL2	11/06/25 14:29		rubina	OK
3	1.0PPM	1.0PPM	CAL3	11/06/25 14:29		rubina	OK
4	2.5PPM	2.5PPM	CAL4	11/06/25 14:29		rubina	OK
5	5.0PPM	5.0PPM	CAL5	11/06/25 14:29		rubina	OK
6	6.7PPM	6.7PPM	CAL6	11/06/25 14:29		rubina	OK
7	10.0PPM	10.0PPM	CAL7	11/06/25 14:29		rubina	OK
8	ICV1	ICV1	ICV	11/06/25 15:31		rubina	OK
9	ICB1	ICB1	ICB	11/06/25 15:31		rubina	OK
10	CCV1	CCV1	CCV	11/06/25 15:31		rubina	OK
11	CCB1	CCB1	CCB	11/06/25 15:31		rubina	OK
12	RL	RL	LOQ	11/06/25 15:31		rubina	OK
13	PB170430BL	PB170430BL	MB	11/06/25 15:42		rubina	OK
14	PB170430BS	PB170430BS	LCS	11/06/25 15:42		rubina	OK
15	Q3534-01	MW-6	SAM	11/06/25 15:42		rubina	OK
16	Q3534-02	MW-1	SAM	11/06/25 15:42		rubina	OK
17	Q3534-03	MW-11	SAM	11/06/25 15:42		rubina	OK
18	Q3534-04	MW-5	SAM	11/06/25 15:42		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137809

Review By	rubina	Review On	11/7/2025 8:55:26 AM
Supervise By	Iwona	Supervise On	11/7/2025 8:55:35 AM
SubDirectory	LB137809	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115506
ICV Standard	WP115508
CCV Standard	WP115507
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115509
Chk Standard	WP115290,WP114133,WP113929,WP114132

19	Q3534-05	MW-EB-1	SAM	11/06/25 15:42		rubina	OK
20	Q3534-06	MW-EB-2	SAM	11/06/25 15:42		rubina	OK
21	Q3534-07	MW-EB-3	SAM	11/06/25 15:42		rubina	OK
22	CCV2	CCV2	CCV	11/06/25 15:52		rubina	OK
23	CCB2	CCB2	CCB	11/06/25 15:52		rubina	OK
24	Q3537-03	MW-17-PURGE-WATI	SAM	11/06/25 15:53		rubina	OK
25	Q3537-03DUP	MW-17-PURGE-WATI	DUP	11/06/25 15:53		rubina	OK
26	Q3537-03MS	MW-17-PURGE-WATI	MS	11/06/25 15:53		rubina	OK
27	Q3537-03MSD	MW-17-PURGE-WATI	MSD	11/06/25 15:53		rubina	OK
28	Q3541-01	N48969	SAM	11/06/25 16:00		rubina	OK
29	CCV3	CCV3	CCV	11/06/25 16:00		rubina	OK
30	CCB3	CCB3	CCB	11/06/25 16:00		rubina	OK
31	Q3534-01DL	MW-6DL	SAM	11/06/25 16:25		rubina	OK
32	Q3534-04DL	MW-5DL	SAM	11/06/25 16:25		rubina	OK
33	Q3534-05DL	MW-EB-1DL	SAM	11/06/25 16:25		rubina	OK
34	CCV4	CCV4	CCV	11/06/25 16:25		rubina	OK
35	CCB4	CCB4	CCB	11/06/25 16:25		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137814

Review By	jignesh	Review On	11/7/2025 11:34:19 AM
Supervise By	Iwona	Supervise On	11/7/2025 1:13:12 PM
SubDirectory	LB137814	Test	Oil and Grease

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137814BL	LB137814BL	MB	11/07/25 10:30		jignesh	OK
2	LB137814BS	LB137814BS	LCS	11/07/25 10:30		jignesh	OK
3	Q3442-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
4	Q3498-01	GREASE	SAM	11/07/25 10:30		jignesh	OK
5	Q3507-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
6	Q3508-01	SW-1	SAM	11/07/25 10:30		jignesh	OK
7	Q3510-01	OUTFALL-002	SAM	11/07/25 10:30		jignesh	OK
8	Q3511-01	OUTFALL-001	SAM	11/07/25 10:30		jignesh	OK
9	Q3511-02	OUTFALL-002	SAM	11/07/25 10:30		jignesh	OK
10	Q3530-07	LOD-MDL-WATER-01	SAM	11/07/25 10:30	add 0.25 WP115017	jignesh	OK
11	Q3530-08	LOQ-WATER-02-QT4	SAM	11/07/25 10:30	ADD 0.625 WP115018	jignesh	OK
12	Q3534-01	MW-6	SAM	11/07/25 10:30		jignesh	OK
13	Q3534-02	MW-1	SAM	11/07/25 10:30		jignesh	OK
14	Q3534-03	MW-11	SAM	11/07/25 10:30		jignesh	OK
15	Q3534-04	MW-5	SAM	11/07/25 10:30		jignesh	OK
16	Q3534-05	MW-EB-1	SAM	11/07/25 10:30		jignesh	OK
17	Q3534-06	MW-EB-2	SAM	11/07/25 10:30		jignesh	OK
18	Q3534-07	MW-EB-3	SAM	11/07/25 10:30		jignesh	OK

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Review By	jignesh	Review On	11/7/2025 11:34:19 AM
Supervise By	Iwona	Supervise On	11/7/2025 1:13:12 PM
SubDirectory	LB137814	Test	Oil and Grease

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018

19	Q3534-09	FB-1	SAM	11/07/25 10:30		jignesh	OK
20	Q3534-10	EB-1	SAM	11/07/25 10:30		jignesh	OK
21	Q3551-01	MANHOLE	SAM	11/07/25 10:30		jignesh	OK
22	Q3551-02	Q3551-01MS	MS	11/07/25 10:30		jignesh	OK
23	Q3551-03	Q3551-01MSD	MSD	11/07/25 10:30		jignesh	OK
24	Q3552-01	MW-4	SAM	11/07/25 10:30		jignesh	OK
25	Q3552-02	MW-8	SAM	11/07/25 10:30		jignesh	OK
26	Q3552-03	MW-9	SAM	11/07/25 10:30		jignesh	OK
27	Q3552-04	MW-10	SAM	11/07/25 10:30		jignesh	OK
28	Q3552-05	MW-3	SAM	11/07/25 10:30		jignesh	OK
29	Q3554-01	EFFLUENT	SAM	11/07/25 10:30		jignesh	OK
30	Q3554-02	Q3554-01MS	MS	11/07/25 10:30		jignesh	OK
31	Q3554-03	Q3554-01MSD	MSD	11/07/25 10:30		jignesh	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137820

Review By	Iwona	Review On	11/7/2025 1:31:14 PM
Supervise By	jignesh	Supervise On	11/7/2025 1:33:52 PM
SubDirectory	LB137820	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,W3230,WP115438,WP115439,WP1

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/08/25 13:30		Iwona	OK
2	CAL2	CAL2	CAL	09/08/25 13:30		Iwona	OK
3	CAL3	CAL3	CAL	09/08/25 13:31		Iwona	OK
4	CAL4	CAL4	CAL	09/08/25 13:31		Iwona	OK
5	CAL5	CAL5	CAL	09/08/25 13:32		Iwona	OK
6	CAL6	CAL6	CAL	09/08/25 13:32		Iwona	OK
7	ICV	ICV	ICV	09/08/25 13:33		Iwona	OK
8	ICB	ICB	ICB	09/08/25 13:33		Iwona	OK
9	CCV1	CCV1	CCV	11/07/25 13:05		Iwona	OK
10	CCB1	CCB1	CCB	11/07/25 13:05		Iwona	OK
11	RL Check	RL Check	RL	11/07/25 13:06		Iwona	OK
12	LB137820BL	LB137820BL	MB	11/07/25 13:06		Iwona	OK
13	LB137820BS	LB137820BS	LCS	11/07/25 13:07		Iwona	OK
14	Q3530-09	MDL-WATER-03-QT4	SAM	11/07/25 13:07		Iwona	OK
15	Q3534-01	MW-6	SAM	11/07/25 13:08		Iwona	OK
16	Q3534-02	MW-1	SAM	11/07/25 13:08		Iwona	OK
17	Q3534-03	MW-11	SAM	11/07/25 13:09		Iwona	OK
18	Q3534-04	MW-5	SAM	11/07/25 13:09		Iwona	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137820

Review By	Iwona	Review On	11/7/2025 1:31:14 PM
Supervise By	jignesh	Supervise On	11/7/2025 1:33:52 PM
SubDirectory	LB137820	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,W3230,WP115438,WP115439,WP1

19	Q3534-05	MW-EB-1	SAM	11/07/25 13:10		Iwona	OK
20	Q3534-06	MW-EB-2	SAM	11/07/25 13:10		Iwona	OK
21	Q3534-07	MW-EB-3	SAM	11/07/25 13:11		Iwona	OK
22	CCV2	CCV2	CCV	11/07/25 13:11		Iwona	OK
23	CCB2	CCB2	CCB	11/07/25 13:12		Iwona	OK
24	Q3537-03	MW-17-PURGE-WATI	SAM	11/07/25 13:12		Iwona	OK
25	Q3541-01	N48969	SAM	11/07/25 13:13		Iwona	OK
26	Q3541-01DUP	N48969DUP	DUP	11/07/25 13:13		Iwona	OK
27	Q3541-01MS	N48969MS	MS	11/07/25 13:14		Iwona	OK
28	Q3541-01MSD	N48969MSD	MSD	11/07/25 13:14		Iwona	OK
29	CCV3	CCV3	CCV	11/07/25 13:15		Iwona	OK
30	CCB3	CCB3	CCB	11/07/25 13:15		Iwona	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137830

Review By	rubina	Review On	11/10/2025 11:26:26 AM
Supervise By	Iwona	Supervise On	11/10/2025 11:56:56 AM
SubDirectory	LB137830	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115526,WP115527,WP115528,WP115529,WP115530,WP115531,WP115532
ICV Standard	W3012
CCV Standard	WP115527
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115534,WP115533

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/07/25 13:08		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/07/25 13:08		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/07/25 13:08		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/07/25 13:08		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/07/25 13:08		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/07/25 13:08		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/07/25 13:08		rubina	OK
8	ICV1	ICV1	ICV	11/07/25 15:10		rubina	OK
9	ICB1	ICB1	ICB	11/07/25 15:10		rubina	OK
10	CCV1	CCV1	CCV	11/07/25 15:10		rubina	OK
11	CCB1	CCB1	CCB	11/07/25 15:10		rubina	OK
12	PB170440BL	PB170440BL	MB	11/07/25 15:10		rubina	OK
13	PB170440BS	PB170440BS	LCS	11/07/25 15:10		rubina	OK
14	LOWPB170440	LOWPB170440	SAM	11/07/25 15:18		rubina	OK
15	HIGHPB170440	HIGHPB170440	SAM	11/07/25 15:18		rubina	OK
16	Q3530-03	MDL-SOIL-03-QT4-20	SAM	11/07/25 15:18		rubina	OK
17	Q3530-03RE	MDL-SOIL-03-QT4-20	SAM	11/07/25 15:18		rubina	OK
18	Q3546-01	TP-COMP	SAM	11/07/25 15:25		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137830

Review By	rubina	Review On	11/10/2025 11:26:26 AM
Supervise By	Iwona	Supervise On	11/10/2025 11:56:56 AM
SubDirectory	LB137830	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115526,WP115527,WP115528,WP115529,WP115530,WP115531,WP115532
ICV Standard	W3012
CCV Standard	WP115527
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115534,WP115533

19	Q3546-01DUP	TP-COMPDUP	DUP	11/07/25 15:25		rubina	OK
20	Q3546-01MS	TP-COMPMS	MS	11/07/25 15:25		rubina	OK
21	Q3546-01MSD	TP-COMPMSD	MSD	11/07/25 15:25		rubina	OK
22	CCV2	CCV2	CCV	11/07/25 15:25		rubina	OK
23	CCB2	CCB2	CCB	11/07/25 15:26		rubina	OK
24	Q3530-09	MDL-WATER-03-QT4	SAM	11/07/25 15:33		rubina	OK
25	Q3530-09RE	MDL-WATER-03-QT4	SAM	11/07/25 15:33		rubina	OK
26	Q3534-01	MW-6	SAM	11/07/25 15:33		rubina	OK
27	Q3534-01DUP	MW-6DUP	DUP	11/07/25 15:41		rubina	OK
28	Q3534-01MS	MW-6MS	MS	11/07/25 15:41		rubina	OK
29	Q3534-01MSD	MW-6MSD	MSD	11/07/25 15:41		rubina	OK
30	CCV3	CCV3	CCV	11/07/25 15:41		rubina	OK
31	CCB3	CCB3	CCB	11/07/25 15:41		rubina	OK
32	Q3534-02	MW-1	SAM	11/07/25 15:41		rubina	OK
33	Q3534-03	MW-11	SAM	11/07/25 15:41		rubina	OK
34	Q3534-04	MW-5	SAM	11/07/25 15:41		rubina	OK
35	Q3534-05	MW-EB-1	SAM	11/07/25 15:48		rubina	OK
36	Q3534-06	MW-EB-2	SAM	11/07/25 15:48		rubina	OK
37	Q3534-07	MW-EB-3	SAM	11/07/25 15:48		rubina	OK
38	Q3534-09	FB-1	SAM	11/07/25 15:48		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137830

Review By	rubina	Review On	11/10/2025 11:26:26 AM
Supervise By	Iwona	Supervise On	11/10/2025 11:56:56 AM
SubDirectory	LB137830	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115526,WP115527,WP115528,WP115529,WP115530,WP115531,WP115532
ICV Standard	W3012
CCV Standard	WP115527
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115534,WP115533

39	Q3534-10	EB-1	SAM	11/07/25 15:48		rubina	OK
40	Q3552-01	MW-4	SAM	11/07/25 15:48		rubina	OK
41	Q3552-02	MW-8	SAM	11/07/25 15:48		rubina	OK
42	CCV4	CCV4	CCV	11/07/25 15:56		rubina	OK
43	CCB4	CCB4	CCB	11/07/25 15:56		rubina	OK
44	Q3552-03	MW-9	SAM	11/07/25 15:56		rubina	OK
45	Q3552-04	MW-10	SAM	11/07/25 15:56		rubina	OK
46	Q3552-05	MW-3	SAM	11/07/25 15:56		rubina	OK
47	Q3562-01	EO-03-110625	SAM	11/07/25 16:33		rubina	OK
48	Q3564-01	OR-03-11062025	SAM	11/07/25 16:34		rubina	OK
49	PB170441BL	PB170441BL	MB	11/07/25 16:34		rubina	OK
50	PB170441BS	PB170441BS	LCS	11/07/25 16:34		rubina	OK
51	CCV5	CCV5	CCV	11/07/25 16:38		rubina	OK
52	CCB5	CCB5	CCB	11/07/25 16:38		rubina	OK

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LAB CHRONICLE

OrderID:	Q3534	**OrderDate:**	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	**MW-6**	**WATER**			**11/03/25 10:45**			**11/04/25**
			Anions Group1	300.0			11/04/25 18:03	
			BOD5	SM5210 B			11/05/25 10:10	
			COD	SM5220 D			11/07/25 13:08	
			Cyanide	9012B		11/07/25	11/07/25 15:33	
			Hexavalent Chromium	7196A			11/04/25 16:48	
			Oil and Grease	1664A			11/07/25 10:30	
			pH	9040C			11/05/25 10:25	
			TDS	SM2540 C			11/05/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 15:42	
Q3534-01DL	**MW-6DL**	**WATER**			**11/03/25 10:45**			**11/04/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 16:25	
Q3534-02	**MW-1**	**WATER**			**11/03/25 11:50**			**11/04/25**

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LAB CHRONICLE

			Anions Group1	300.0			11/04/25 18:25
			BOD5	SM5210 B			11/05/25 10:10
			COD	SM5220 D			11/07/25 13:08
			Cyanide	9012B		11/07/25	11/07/25 15:41
			Hexavalent Chromium	7196A			11/04/25 16:48
			Oil and Grease	1664A			11/07/25 10:30
			pH	9040C			11/05/25 10:26
			TDS	SM2540 C			11/05/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 15:42
Q3534-03	**MW-11**	**WATER**			**11/03/25 12:00**		**11/04/25**
			Anions Group1	300.0			11/04/25 18:46
			BOD5	SM5210 B			11/05/25 10:10
			COD	SM5220 D			11/07/25 13:09
			Cyanide	9012B		11/07/25	11/07/25 15:41
			Hexavalent Chromium	7196A			11/04/25 16:49
			Oil and Grease	1664A			11/07/25 10:30
			pH	9040C			11/05/25 10:33
			TDS	SM2540 C			11/05/25 11:30

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LAB CHRONICLE

			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 15:42
Q3534-04	**MW-5**	**WATER**			**11/04/25 10:20**		**11/04/25**
			Anions Group1	300.0			11/04/25 19:08
			BOD5	SM5210 B			11/05/25 10:10
			COD	SM5220 D			11/07/25 13:09
			Cyanide	9012B		11/07/25	11/07/25 15:41
			Hexavalent Chromium	7196A			11/04/25 16:49
			Oil and Grease	1664A			11/07/25 10:30
			pH	9040C			11/05/25 10:37
			TDS	SM2540 C			11/05/25 11:30
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 15:42
Q3534-04DL	**MW-5DL**	**WATER**			**11/04/25 10:20**		**11/04/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/06/25	11/06/25 16:25
Q3534-05	**MW-EB-1**	**WATER**			**11/03/25 15:00**		**11/04/25**
			Anions Group1	300.0			11/04/25 19:29
			BOD5	SM5210 B			11/05/25 10:10

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LAB CHRONICLE

			COD	SM5220 D		11/07/25 13:10	
			Cyanide	9012B	11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A		11/04/25 16:50	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/05/25 10:40	
			TDS	SM2540 C		11/05/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/06/25	11/06/25 15:42	
Q3534-05DL	**MW-EB-1DL**	**WATER**			**11/03/25 15:00**		**11/04/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/06/25	11/06/25 16:25	
Q3534-06	**MW-EB-2**	**WATER**			**11/04/25 10:05**		**11/04/25**
			Anions Group1	300.0		11/04/25 19:51	
			BOD5	SM5210 B		11/05/25 10:10	
			COD	SM5220 D		11/07/25 13:10	
			Cyanide	9012B	11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A		11/04/25 16:50	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/05/25 10:47	

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LAB CHRONICLE

			TDS	SM2540 C		11/05/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/06/25	11/06/25 15:42	
Q3534-07	**MW-EB-3**	**WATER**			**11/03/25 14:30**		**11/04/25**
			Anions Group1	300.0		11/04/25 20:12	
			BOD5	SM5210 B		11/05/25 10:10	
			COD	SM5220 D		11/07/25 13:11	
			Cyanide	9012B	11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A		11/04/25 16:52	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/05/25 10:50	
			TDS	SM2540 C		11/05/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/06/25	11/06/25 15:42	
Q3534-09	**FB-1**	**WATER**			**11/04/25 11:20**		**11/04/25**
			Cyanide	9012B	11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A		11/04/25 16:54	
			Oil and Grease	1664A		11/07/25 10:30	
Q3534-10	**EB-1**	**WATER**			**11/04/25 11:20**		**11/04/25**

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LAB CHRONICLE

Cyanide	9012B	11/07/25	11/07/25 15:48
Hexavalent Chromium	7196A		11/05/25 10:07
Oil and Grease	1664A		11/07/25 10:30

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170430

SOP ID : MSM4500-N Org C-TKN-12

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2&3

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 11/06/2025 **Time :** 09:10 **Temp :** 380 °C

End Digest Date: 11/06/2025 **Time :** 10:40 **Temp :** 385 °C

Start Distillation Date: 11/06/2025 **Time :** 11:30 **Temp :** 150 °C

End Distillation Date: 11/06/2025 **Time :** 12:30 **Temp :** 160 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : Therm#2(2179)

Prep Technician Signature: RM

Supervisor Signature: [illegible]

Standared Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP115506
TKN CCV STD	50.0ML	WP115507
TKN ICV STD	50.0ML	WP115508
TKN LCS STD	50.0ML	WP115509
MS/MSD SPIKE SOL.	0.25ML	WP115085

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP115336
pH Paper 0-14	N/A	W3241
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

RL CHECK 10ML FROM WP115507 ,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/06/2025 14:10	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170430

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170430BL	PBW430	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB170430BS	LCS430	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-01	MW-6	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-02	MW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-03	MW-11	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-04	MW-5	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-05	MW-EB-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-06	MW-EB-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3534-07	MW-EB-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3537-03	MW-17-PURGE-WATER	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3537-03DUP	MW-17-PURGE-WATERDUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3537-03MS	MW-17-PURGE-WATERMS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3537-03MSD	MW-17-PURGE-WATERMSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3541-01	N48969	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170441

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : N/A

Start Digest Date: 11/07/2025 **Time :** 10:15 **Temp :** 124 °C

End Digest Date: 11/07/2025 **Time :** 11:45 **Temp :** 127 °C

IT batch 11/07/2025 12-10 124C
11/07/2025 13.40 128C JJ

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: JP

Supervisor Signature: JZ

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBW	50.0ML	W3112
MDL	2.0ML	WP115433
MDL	1.25ML	WP115433

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	N/A	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	N/A	AS PER PB170440
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	N/A	AS PER PB170440
LOWSTD	LOWSTD	N/A	AS PER PB170440

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/07/2025 13.55	JP / WC	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170441

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170441BL	PBW441	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170441BS	LCS441	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3530-09	MDL-WATER-03-QT4-2025	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-01	MW-6	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-01DUP	MW-6DUP	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-01MS	MW-6MS	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-01MSD	MW-6MSD	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-02	MW-1	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-03	MW-11	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-04	MW-5	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-05	MW-EB-1	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-06	MW-EB-2	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-07	MW-EB-3	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-09	FB-1	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3534-10	EB-1	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3552-01	MW-4	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3552-02	MW-8	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3552-03	MW-9	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3552-04	MW-10	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3552-05	MW-3	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A