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

Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-4**								
Q3552-01	MW-4	Water	Dichlorodifluoromethane		1.60		0.22	1.00	ug/L
Q3552-01	MW-4	Water	Methyl tert-butyl Ether		1.10		0.16	1.00	ug/L
Q3552-01	MW-4	Water	Benzene		45.7		0.15	1.00	ug/L
Q3552-01	MW-4	Water	Toluene		0.57	J	0.14	1.00	ug/L
Q3552-01	MW-4	Water	Chlorobenzene		29.6		0.12	1.00	ug/L
Q3552-01	MW-4	Water	o-Xylene		1.70		0.12	1.00	ug/L
Q3552-01	MW-4	Water	Isopropylbenzene		68.6		0.12	1.00	ug/L
Q3552-01	MW-4	Water	1,3-Dichlorobenzene		0.61	J	0.16	1.00	ug/L
Q3552-01	MW-4	Water	1,4-Dichlorobenzene		7.40		0.19	1.00	ug/L
Q3552-01	MW-4	Water	1,2-Dichlorobenzene		0.85	J	0.16	1.00	ug/L
			Total Voc :		158				
Q3552-01	MW-4	Water	Thiophene, tetrahydro-	*	54.2	J	0	0	ug/L
Q3552-01	MW-4	Water	7-Oxabicyclo[2.2.1]heptane, 1-	*	5.80	J	0	0	ug/L
Q3552-01	MW-4	Water	Tetrahydrofuran	*	89.8	J	0.99	5.00	ug/L
Q3552-01	MW-4	Water	Tert butyl alcohol	*	610	J	5.50	25.0	ug/L
Q3552-01	MW-4	Water	Diethyl Ether	*	9.50	J	0.31	1.00	ug/L
Q3552-01	MW-4	Water	n-propylbenzene	*	2.80	J	0.13	1.00	ug/L
Q3552-01	MW-4	Water	2-Chlorotoluene	*	0.73	J	0.14	1.00	ug/L
Q3552-01	MW-4	Water	n-Butylbenzene	*	0.68	J	0.15	1.00	ug/L
			Total Tics :		774				
			Total Concentration:		931				
Client ID:	**MW-9**								
Q3552-03	MW-9	Water	Chloroethane		2.50		0.47	1.00	ug/L
Q3552-03	MW-9	Water	Methyl tert-butyl Ether		0.71	J	0.16	1.00	ug/L
Q3552-03	MW-9	Water	Benzene		15.1		0.15	1.00	ug/L
Q3552-03	MW-9	Water	Toluene		0.48	J	0.14	1.00	ug/L
Q3552-03	MW-9	Water	Chlorobenzene		27.0		0.12	1.00	ug/L
Q3552-03	MW-9	Water	m/p-Xylenes		0.38	J	0.24	2.00	ug/L
Q3552-03	MW-9	Water	o-Xylene		0.99	J	0.12	1.00	ug/L
Q3552-03	MW-9	Water	Isopropylbenzene		1.30		0.12	1.00	ug/L
Q3552-03	MW-9	Water	1,4-Dichlorobenzene		5.10		0.19	1.00	ug/L
			Total Voc :		53.6				
Q3552-03	MW-9	Water	Tetrahydrofuran	*	26.2	J	0.99	5.00	ug/L
Q3552-03	MW-9	Water	Tert butyl alcohol	*	170	J	5.50	25.0	ug/L
Q3552-03	MW-9	Water	Diethyl Ether	*	5.10	J	0.31	1.00	ug/L
Q3552-03	MW-9	Water	n-propylbenzene	*	0.58	J	0.13	1.00	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3552-03	MW-9	Water	Diisopropyl ether	*	0.37	J	0.15	1.00	ug/L
			Total Tics :		202				
			Total Concentration:		256				
Client ID:	**MW-3**								
Q3552-05	MW-3	Water	Dichlorodifluoromethane		0.58	J	0.22	1.00	ug/L
Q3552-05	MW-3	Water	Methyl tert-butyl Ether		0.30	J	0.16	1.00	ug/L
Q3552-05	MW-3	Water	Chlorobenzene		3.20		0.12	1.00	ug/L
Q3552-05	MW-3	Water	Isopropylbenzene		4.40		0.12	1.00	ug/L
Q3552-05	MW-3	Water	1,4-Dichlorobenzene		1.30		0.19	1.00	ug/L
			Total Voc :		9.78				
Q3552-05	MW-3	Water	Tetrahydrofuran	*	14.8	J	0.99	5.00	ug/L
Q3552-05	MW-3	Water	Tert butyl alcohol	*	100	J	5.50	25.0	ug/L
Q3552-05	MW-3	Water	Diethyl Ether	*	1.80	J	0.31	1.00	ug/L
			Total Tics :		117				
			Total Concentration:		126				

SAMPLE DATA

Raw Data: **VV039342.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:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	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	1.60		1	0.22	1.00	ug/L	11/05/25 17:43	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 17:43	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 17:43	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 17:43	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 17:43	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 17:43	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:43	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:43	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 17:43	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 17:43	VV110525
1634-04-4	Methyl tert-butyl Ether	1.10		1	0.16	1.00	ug/L	11/05/25 17:43	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 17:43	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 17:43	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:43	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:43	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 17:43	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 17:43	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:43	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 17:43	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:43	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:43	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:43	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:43	VV110525
71-43-2	Benzene	45.7		1	0.15	1.00	ug/L	11/05/25 17:43	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:43	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 17:43	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:43	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:43	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 17:43	VV110525
108-88-3	Toluene	0.57	J	1	0.14	1.00	ug/L	11/05/25 17:43	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 17:43	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:43	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 17:43	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 17:43	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 17:43	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 17:43	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:43	VV110525
108-90-7	Chlorobenzene	29.6		1	0.12	1.00	ug/L	11/05/25 17:43	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 17:43	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 17:43	VV110525
95-47-6	o-Xylene	1.70		1	0.12	1.00	ug/L	11/05/25 17:43	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 17:43	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 17:43	VV110525

Raw Data: **VV039342.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:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	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	68.6		1	0.12	1.00	ug/L	11/05/25 17:43	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 17:43	VV110525
541-73-1	1,3-Dichlorobenzene	0.61	J	1	0.16	1.00	ug/L	11/05/25 17:43	VV110525
106-46-7	1,4-Dichlorobenzene	7.40		1	0.19	1.00	ug/L	11/05/25 17:43	VV110525
95-50-1	1,2-Dichlorobenzene	0.85	J	1	0.16	1.00	ug/L	11/05/25 17:43	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 17:43	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:43	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:43	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.9			70 (74) - 130 (125)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	47.7			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	699000							
540-36-3	1,4-Difluorobenzene	1270000							
3114-55-4	Chlorobenzene-d5	1250000							
3855-82-1	1,4-Dichlorobenzene-d4	612000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	9.50	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	610	J			2.56	ug/L		
109-99-9	Tetrahydrofuran	89.8	J			4.24	ug/L		
000110-01-0	Thiophene, tetrahydro-	54.2	J			8.13	ug/L		
103-65-1	n-propylbenzene	2.80	J			10.3	ug/L		
95-49-8	2-Chlorotoluene	0.73	J			10.4	ug/L		
000470-67-7	7-Oxabicyclo[2.2.1]heptane, 1-meth	5.80	J			11.0	ug/L		
104-51-8	n-Butylbenzene	0.68	J			11.6	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

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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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	11/05/25 16:13	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 16:13	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:13	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 16:13	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 16:13	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 16:13	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:13	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:13	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:13	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:13	VV110525
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:13	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 16:13	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 16:13	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:13	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:13	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:13	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 16:13	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:13	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:13	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:13	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:13	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:13	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:13	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:13	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:13	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 16:13	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:13	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:13	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 16:13	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 16:13	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 16:13	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:13	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:13	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 16:13	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 16:13	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:13	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:13	VV110525
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 16:13	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 16:13	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 16:13	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 16:13	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:13	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:13	VV110525

Raw Data: **VV039338.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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	11/05/25 16:13	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:13	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:13	VV110525
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:13	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:13	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 16:13	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:13	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:13	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.1			70 (74) - 130 (125)	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.7			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	46.4			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.1			70 (77) - 130 (121)	88%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	905000							
540-36-3	1,4-Difluorobenzene	1740000							
3114-55-4	Chlorobenzene-d5	1630000							
3855-82-1	1,4-Dichlorobenzene-d4	725000							

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: **VV039339.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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 16:35	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 16:35	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:35	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 16:35	VV110525
75-00-3	Chloroethane	2.50		1	0.47	1.00	ug/L	11/05/25 16:35	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 16:35	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:35	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:35	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:35	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:35	VV110525
1634-04-4	Methyl tert-butyl Ether	0.71	J	1	0.16	1.00	ug/L	11/05/25 16:35	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 16:35	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 16:35	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:35	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:35	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:35	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 16:35	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:35	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:35	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:35	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:35	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:35	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:35	VV110525
71-43-2	Benzene	15.1		1	0.15	1.00	ug/L	11/05/25 16:35	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:35	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 16:35	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:35	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:35	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 16:35	VV110525
108-88-3	Toluene	0.48	J	1	0.14	1.00	ug/L	11/05/25 16:35	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 16:35	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:35	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:35	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 16:35	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 16:35	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:35	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:35	VV110525
108-90-7	Chlorobenzene	27.0		1	0.12	1.00	ug/L	11/05/25 16:35	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 16:35	VV110525
179601-23-1	m/p-Xylenes	0.38	J	1	0.24	2.00	ug/L	11/05/25 16:35	VV110525
95-47-6	o-Xylene	0.99	J	1	0.12	1.00	ug/L	11/05/25 16:35	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:35	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:35	VV110525

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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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	1.30		1	0.12	1.00	ug/L	11/05/25 16:35	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:35	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:35	VV110525
106-46-7	1,4-Dichlorobenzene	5.10		1	0.19	1.00	ug/L	11/05/25 16:35	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:35	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 16:35	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:35	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:35	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.1			70 (74) - 130 (125)	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.1			70 (75) - 130 (124)	98%	SPK: 50		
2037-26-5	Toluene-d8	44.9			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.7			70 (77) - 130 (121)	91%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	678000							
540-36-3	1,4-Difluorobenzene	1220000							
3114-55-4	Chlorobenzene-d5	1160000							
3855-82-1	1,4-Dichlorobenzene-d4	567000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	5.10	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	170	J			2.56	ug/L		
108-20-3	Diisopropyl ether	0.37	J			3.22	ug/L		
109-99-9	Tetrahydrofuran	26.2	J			4.24	ug/L		
103-65-1	n-propylbenzene	0.58	J			10.3	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: **VV039340.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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	11/05/25 16:58	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 16:58	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:58	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 16:58	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 16:58	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 16:58	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:58	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:58	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:58	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:58	VV110525
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:58	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 16:58	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 16:58	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:58	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:58	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 16:58	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 16:58	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:58	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:58	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:58	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 16:58	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:58	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:58	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:58	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:58	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 16:58	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:58	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 16:58	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 16:58	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 16:58	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 16:58	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:58	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 16:58	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 16:58	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 16:58	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:58	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 16:58	VV110525
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 16:58	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 16:58	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 16:58	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 16:58	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 16:58	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:58	VV110525

Raw Data: **VV039340.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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	11/05/25 16:58	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 16:58	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:58	VV110525
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/05/25 16:58	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 16:58	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 16:58	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:58	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 16:58	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.0			70 (74) - 130 (125)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			70 (75) - 130 (124)	100%	SPK: 50		
2037-26-5	Toluene-d8	45.6			70 (86) - 130 (113)	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.1			70 (77) - 130 (121)	84%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	603000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1060000							
3855-82-1	1,4-Dichlorobenzene-d4	465000							

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: **VV039341.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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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	0.58	J	1	0.22	1.00	ug/L	11/05/25 17:20	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 17:20	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 17:20	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 17:20	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 17:20	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 17:20	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:20	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:20	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 17:20	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 17:20	VV110525
1634-04-4	Methyl tert-butyl Ether	0.30	J	1	0.16	1.00	ug/L	11/05/25 17:20	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 17:20	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 17:20	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:20	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:20	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 17:20	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 17:20	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:20	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 17:20	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:20	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 17:20	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:20	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:20	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 17:20	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:20	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 17:20	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:20	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 17:20	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 17:20	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 17:20	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 17:20	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:20	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 17:20	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 17:20	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 17:20	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 17:20	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 17:20	VV110525
108-90-7	Chlorobenzene	3.20		1	0.12	1.00	ug/L	11/05/25 17:20	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 17:20	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 17:20	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 17:20	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 17:20	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 17:20	VV110525

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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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	4.40		1	0.12	1.00	ug/L	11/05/25 17:20	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 17:20	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:20	VV110525
106-46-7	1,4-Dichlorobenzene	1.30		1	0.19	1.00	ug/L	11/05/25 17:20	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 17:20	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 17:20	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:20	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 17:20	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.9			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			70 (75) - 130 (124)	98%	SPK: 50		
2037-26-5	Toluene-d8	46.5			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.9			70 (77) - 130 (121)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	930000							
540-36-3	1,4-Difluorobenzene	1730000							
3114-55-4	Chlorobenzene-d5	1620000							
3855-82-1	1,4-Dichlorobenzene-d4	754000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	1.80	J			1.92	ug/L		
75-65-0	Tert butyl alcohol	100	J			2.56	ug/L		
109-99-9	Tetrahydrofuran	14.8	J			4.24	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: **VV039337.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	TB	SDG No.:	Q3552
Lab Sample ID:	Q3552-06	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	11/05/25 15:50	VV110525
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/05/25 15:50	VV110525
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/05/25 15:50	VV110525
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/05/25 15:50	VV110525
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/05/25 15:50	VV110525
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/05/25 15:50	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/05/25 15:50	VV110525
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 15:50	VV110525
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/05/25 15:50	VV110525
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/05/25 15:50	VV110525
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/05/25 15:50	VV110525
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/05/25 15:50	VV110525
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/05/25 15:50	VV110525
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 15:50	VV110525
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/05/25 15:50	VV110525
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/05/25 15:50	VV110525
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/05/25 15:50	VV110525
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/05/25 15:50	VV110525
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/05/25 15:50	VV110525
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 15:50	VV110525
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/05/25 15:50	VV110525
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/05/25 15:50	VV110525
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/05/25 15:50	VV110525
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/05/25 15:50	VV110525
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 15:50	VV110525
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/05/25 15:50	VV110525
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/05/25 15:50	VV110525
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/05/25 15:50	VV110525
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/05/25 15:50	VV110525
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/05/25 15:50	VV110525
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/05/25 15:50	VV110525
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/05/25 15:50	VV110525
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/05/25 15:50	VV110525
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/05/25 15:50	VV110525
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/05/25 15:50	VV110525
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/05/25 15:50	VV110525
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/05/25 15:50	VV110525
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/05/25 15:50	VV110525
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/05/25 15:50	VV110525
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/05/25 15:50	VV110525
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/05/25 15:50	VV110525
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/05/25 15:50	VV110525
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/05/25 15:50	VV110525

Raw Data: **VV039337.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	TB	SDG No.:	Q3552
Lab Sample ID:	Q3552-06	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	11/05/25 15:50	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/05/25 15:50	VV110525
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 15:50	VV110525
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/05/25 15:50	VV110525
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/05/25 15:50	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/05/25 15:50	VV110525
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 15:50	VV110525
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/05/25 15:50	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.8			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.3			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	46.9			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.5			70 (77) - 130 (121)	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	857000							
540-36-3	1,4-Difluorobenzene	1640000							
3114-55-4	Chlorobenzene-d5	1500000							
3855-82-1	1,4-Dichlorobenzene-d4	662000							

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,
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Surrogate Summary

SDG No.: Q3552

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3552-01	MW-4	1,2-Dichloroethane-d4	50	56.9	114		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	47.7	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.1	112		70 (77)	130 (121)
Q3552-02	MW-8	1,2-Dichloroethane-d4	50	59.1	118		70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97		70 (75)	130 (124)
		Toluene-d8	50	46.4	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.1	88		70 (77)	130 (121)
Q3552-03	MW-9	1,2-Dichloroethane-d4	50	54.1	108		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	44.9	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.7	91		70 (77)	130 (121)
Q3552-04	MW-10	1,2-Dichloroethane-d4	50	57.0	114		70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100		70 (75)	130 (124)
		Toluene-d8	50	45.6	91		70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.1	84		70 (77)	130 (121)
Q3552-05	MW-3	1,2-Dichloroethane-d4	50	55.9	112		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	46.5	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98		70 (77)	130 (121)
Q3552-06	TB	1,2-Dichloroethane-d4	50	57.8	116		70 (74)	130 (125)
		Dibromofluoromethane	50	48.3	97		70 (75)	130 (124)
		Toluene-d8	50	46.9	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.5	87		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)
		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)
VV1105WBSD0	VV1105WBSD01	1,2-Dichloroethane-d4	50	52.0	104		70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103		70 (75)	130 (124)
		Toluene-d8	50	53.8	108		70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108		70 (77)	130 (121)

( ) = 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.: Q3552 **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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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552 **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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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039332.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1105WBSD01	Dichlorodifluoromethane	20	16.8	ug/L	84	1		40 (69)	160 (116)	20 (19)
	Chloromethane	20	17.6	ug/L	88	1		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	17.9	ug/L	90	1		70 (65)	130 (117)	20 (19)
	Bromomethane	20	17.9	ug/L	90	3		40 (58)	160 (125)	20 (20)
	Chloroethane	20	21.4	ug/L	107	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.4	ug/L	92	2		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96	0		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	18.0	ug/L	90	2		70 (74)	130 (110)	20 (20)
	Acetone	100	110	ug/L	110	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.2	ug/L	91	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.9	ug/L	100	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	17.0	ug/L	85	4		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	21.5	ug/L	108	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	0		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.1	ug/L	96	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.2	ug/L	101	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.6	ug/L	98	0		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.9	ug/L	100	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.9	ug/L	100	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.3	ug/L	97	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.1	ug/L	96	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.5	ug/L	98	1		70 (72)	130 (115)	20 (20)
	Benzene	20	20.0	ug/L	100	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.3	ug/L	97	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.5	ug/L	98	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.8	ug/L	104	0		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.6	ug/L	98	1		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	0		40 (74)	160 (118)	20 (25)
	Toluene	20	21.3	ug/L	106	2		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.7	ug/L	104	3		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.9	ug/L	104	0		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.3	ug/L	102	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.0	ug/L	100	0		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	0		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.1	ug/L	101	0		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.1	ug/L	101	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.4	ug/L	102	0		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	43.2	ug/L	108	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	21.4	ug/L	107	3		70 (83)	130 (109)	20 (20)
	Styrene	20	22.1	ug/L	111	1		70 (80)	130 (111)	20 (17)
	Bromoform	20	19.7	ug/L	99	0		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	21.0	ug/L	105	1		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.1	ug/L	91	1		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.0	ug/L	100	0		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.2	ug/L	96	2		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.5	ug/L	98	2		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VV039332.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VV1105WBSD01	1,2-Dibromo-3-Chloropropane	20	17.4	ug/L	87	1		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.8	ug/L	99	1		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98	0		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV1105WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3552

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
VV1105WBSD01	VV1105WBSD01	VV039332.D	11/05/2025
TB	Q3552-06	VV039337.D	11/05/2025
MW-8	Q3552-02	VV039338.D	11/05/2025
MW-9	Q3552-03	VV039339.D	11/05/2025
MW-10	Q3552-04	VV039340.D	11/05/2025
MW-3	Q3552-05	VV039341.D	11/05/2025
MW-4	Q3552-01	VV039342.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.: Q3552

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.: Q3552

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
VV1105WBSD01	VV1105WBSD01	VV039332.D	11/05/2025	13:17
TB	Q3552-06	VV039337.D	11/05/2025	15:50
MW-8	Q3552-02	VV039338.D	11/05/2025	16:13
MW-9	Q3552-03	VV039339.D	11/05/2025	16:35
MW-10	Q3552-04	VV039340.D	11/05/2025	16:58
MW-3	Q3552-05	VV039341.D	11/05/2025	17:20
MW-4	Q3552-01	VV039342.D	11/05/2025	17:43

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3552

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-4	698591	4.60	1269452	5.53	1250476	8.77
MW-8	905091	4.60	1744740	5.53	1630594	8.77
MW-9	677683	4.60	1221893	5.53	1164477	8.77
MW-10	602545	4.60	1106968	5.53	1064655	8.77
MW-3	929578	4.60	1730000	5.53	1622898	8.77
TB	856878	4.60	1636404	5.53	1498704	8.77
VV1105WBL01	856812	4.60	1628447	5.53	1466262	8.77
VV1105WBS01	708659	4.60	1110235	5.53	1080434	8.77
VV1105WBSD01	690271	4.60	1108460	5.53	1064992	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.: Q3552

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-4	611666	11.17				
MW-8	725279	11.17				
MW-9	566941	11.17				
MW-10	465301	11.17				
MW-3	753769	11.17				
TB	661803	11.17				
VV1105WBL01	623984	11.17				
VV1105WBS01	614058	11.17				
VV1105WBSD01	609759	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: **VV039330.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:	VV1105WBL01	SDG No.:	Q3552
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.:	Q3552
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

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.:	Q3552
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.:	Q3552
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

Raw Data: **VV039332.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:	VV1105WBSD01	SDG No.:	Q3552
Lab Sample ID:	VV1105WBSD01	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	16.8		1	0.22	1.00	ug/L	11/05/25 13:17	VV110525
74-87-3	Chloromethane	17.6		1	0.32	1.00	ug/L	11/05/25 13:17	VV110525
75-01-4	Vinyl Chloride	17.9		1	0.26	1.00	ug/L	11/05/25 13:17	VV110525
74-83-9	Bromomethane	17.9		1	1.40	5.00	ug/L	11/05/25 13:17	VV110525
75-00-3	Chloroethane	21.4		1	0.47	1.00	ug/L	11/05/25 13:17	VV110525
75-69-4	Trichlorofluoromethane	18.4		1	0.33	1.00	ug/L	11/05/25 13:17	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		1	0.25	1.00	ug/L	11/05/25 13:17	VV110525
75-35-4	1,1-Dichloroethene	18.0		1	0.23	1.00	ug/L	11/05/25 13:17	VV110525
67-64-1	Acetone	110		1	1.50	5.00	ug/L	11/05/25 13:17	VV110525
75-15-0	Carbon Disulfide	18.2		1	0.21	1.00	ug/L	11/05/25 13:17	VV110525
1634-04-4	Methyl tert-butyl Ether	19.9		1	0.16	1.00	ug/L	11/05/25 13:17	VV110525
79-20-9	Methyl Acetate	17.0		1	0.27	1.00	ug/L	11/05/25 13:17	VV110525
75-09-2	Methylene Chloride	21.5		1	0.28	1.00	ug/L	11/05/25 13:17	VV110525
156-60-5	trans-1,2-Dichloroethene	18.6		1	0.23	1.00	ug/L	11/05/25 13:17	VV110525
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	11/05/25 13:17	VV110525
110-82-7	Cyclohexane	20.2		1	1.50	5.00	ug/L	11/05/25 13:17	VV110525
78-93-3	2-Butanone	100		1	0.98	5.00	ug/L	11/05/25 13:17	VV110525
56-23-5	Carbon Tetrachloride	19.6		1	0.25	1.00	ug/L	11/05/25 13:17	VV110525
156-59-2	cis-1,2-Dichloroethene	19.9		1	0.19	1.00	ug/L	11/05/25 13:17	VV110525
74-97-5	Bromochloromethane	19.9		1	0.22	1.00	ug/L	11/05/25 13:17	VV110525
67-66-3	Chloroform	19.3		1	0.25	1.00	ug/L	11/05/25 13:17	VV110525
71-55-6	1,1,1-Trichloroethane	19.1		1	0.20	1.00	ug/L	11/05/25 13:17	VV110525
108-87-2	Methylcyclohexane	19.5		1	0.16	1.00	ug/L	11/05/25 13:17	VV110525
71-43-2	Benzene	20.0		1	0.15	1.00	ug/L	11/05/25 13:17	VV110525
107-06-2	1,2-Dichloroethane	19.3		1	0.22	1.00	ug/L	11/05/25 13:17	VV110525
79-01-6	Trichloroethene	19.5		1	0.090	1.00	ug/L	11/05/25 13:17	VV110525
78-87-5	1,2-Dichloropropane	20.8		1	0.20	1.00	ug/L	11/05/25 13:17	VV110525
75-27-4	Bromodichloromethane	19.6		1	0.22	1.00	ug/L	11/05/25 13:17	VV110525
108-10-1	4-Methyl-2-Pentanone	100		1	0.68	5.00	ug/L	11/05/25 13:17	VV110525
108-88-3	Toluene	21.3		1	0.14	1.00	ug/L	11/05/25 13:17	VV110525
10061-02-6	t-1,3-Dichloropropene	20.7		1	0.17	1.00	ug/L	11/05/25 13:17	VV110525
10061-01-5	cis-1,3-Dichloropropene	20.9		1	0.16	1.00	ug/L	11/05/25 13:17	VV110525
79-00-5	1,1,2-Trichloroethane	20.3		1	0.21	1.00	ug/L	11/05/25 13:17	VV110525
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/05/25 13:17	VV110525
124-48-1	Dibromochloromethane	20.0		1	0.18	1.00	ug/L	11/05/25 13:17	VV110525
106-93-4	1,2-Dibromoethane	20.1		1	0.15	1.00	ug/L	11/05/25 13:17	VV110525
127-18-4	Tetrachloroethene	20.1		1	0.23	1.00	ug/L	11/05/25 13:17	VV110525
108-90-7	Chlorobenzene	20.1		1	0.12	1.00	ug/L	11/05/25 13:17	VV110525
100-41-4	Ethyl Benzene	20.4		1	0.13	1.00	ug/L	11/05/25 13:17	VV110525
179601-23-1	m/p-Xylenes	43.2		1	0.24	2.00	ug/L	11/05/25 13:17	VV110525
95-47-6	o-Xylene	21.4		1	0.12	1.00	ug/L	11/05/25 13:17	VV110525
100-42-5	Styrene	22.1		1	0.15	1.00	ug/L	11/05/25 13:17	VV110525
75-25-2	Bromoform	19.7		1	0.19	1.00	ug/L	11/05/25 13:17	VV110525

Raw Data: **VV039332.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:	VV1105WBSD01			SDG No.:	Q3552
Lab Sample ID:	VV1105WBSD01			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	21.0		1	0.12	1.00	ug/L	11/05/25 13:17	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1	0.26	1.00	ug/L	11/05/25 13:17	VV110525
541-73-1	1,3-Dichlorobenzene	20.0		1	0.16	1.00	ug/L	11/05/25 13:17	VV110525
106-46-7	1,4-Dichlorobenzene	19.2		1	0.19	1.00	ug/L	11/05/25 13:17	VV110525
95-50-1	1,2-Dichlorobenzene	19.5		1	0.16	1.00	ug/L	11/05/25 13:17	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1	0.53	1.00	ug/L	11/05/25 13:17	VV110525
120-82-1	1,2,4-Trichlorobenzene	19.8		1	0.20	1.00	ug/L	11/05/25 13:17	VV110525
87-61-6	1,2,3-Trichlorobenzene	19.5		1	0.20	1.00	ug/L	11/05/25 13:17	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.0			70 (74) - 130 (125)	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.5			70 (75) - 130 (124)	103%	SPK: 50		
2037-26-5	Toluene-d8	53.8			70 (86) - 130 (113)	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.1			70 (77) - 130 (121)	108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	690000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1060000							
3855-82-1	1,4-Dichlorobenzene-d4	610000							

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.: Q3552

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.: Q3552

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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3552
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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3552

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\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 06 00:19:07 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-4

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	698591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1269452	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1250476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	611666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	564955	56.913	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 113.820%			
35) Dibromofluoromethane	4.500	113	509320	50.920	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.840%			
50) Toluene-d8	7.236	98	1621615	47.656	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.320%			
62) 4-Bromofluorobenzene	9.998	95	679674	56.085	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 112.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	13937	1.578	ug/l	93
8) Diethyl Ether	1.921	74	55233	9.540	ug/l	96
11) Tert butyl alcohol	2.561	59	1178206	612.457	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	31713	1.119	ug/l #	87
29) Tetrahydrofuran	4.239	42	348572	89.803	ug/l	98
40) Benzene	5.008	78	1840462	45.655	ug/l	100
52) Toluene	7.320	92	13960	0.574	ug/l	99
65) Chlorobenzene	8.802	112	875724	29.583	ug/l	100
69) o-Xylene	9.471	106	25439	1.666	ug/l	99
73) Isopropylbenzene	9.853	105	2547351	68.582	ug/l	100
78) n-propylbenzene	10.281	91	127212	2.823	ug/l	100
79) 2-Chlorotoluene	10.352	91	20387m	0.733	ug/l	
87) 1,3-Dichlorobenzene	11.117	146	12328	0.605	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	169419	7.433	ug/l	98
89) n-Butylbenzene	11.580	91	21264m	0.679	ug/l	
91) 1,2-Dichlorobenzene	11.574	146	16468	0.850	ug/l	96

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

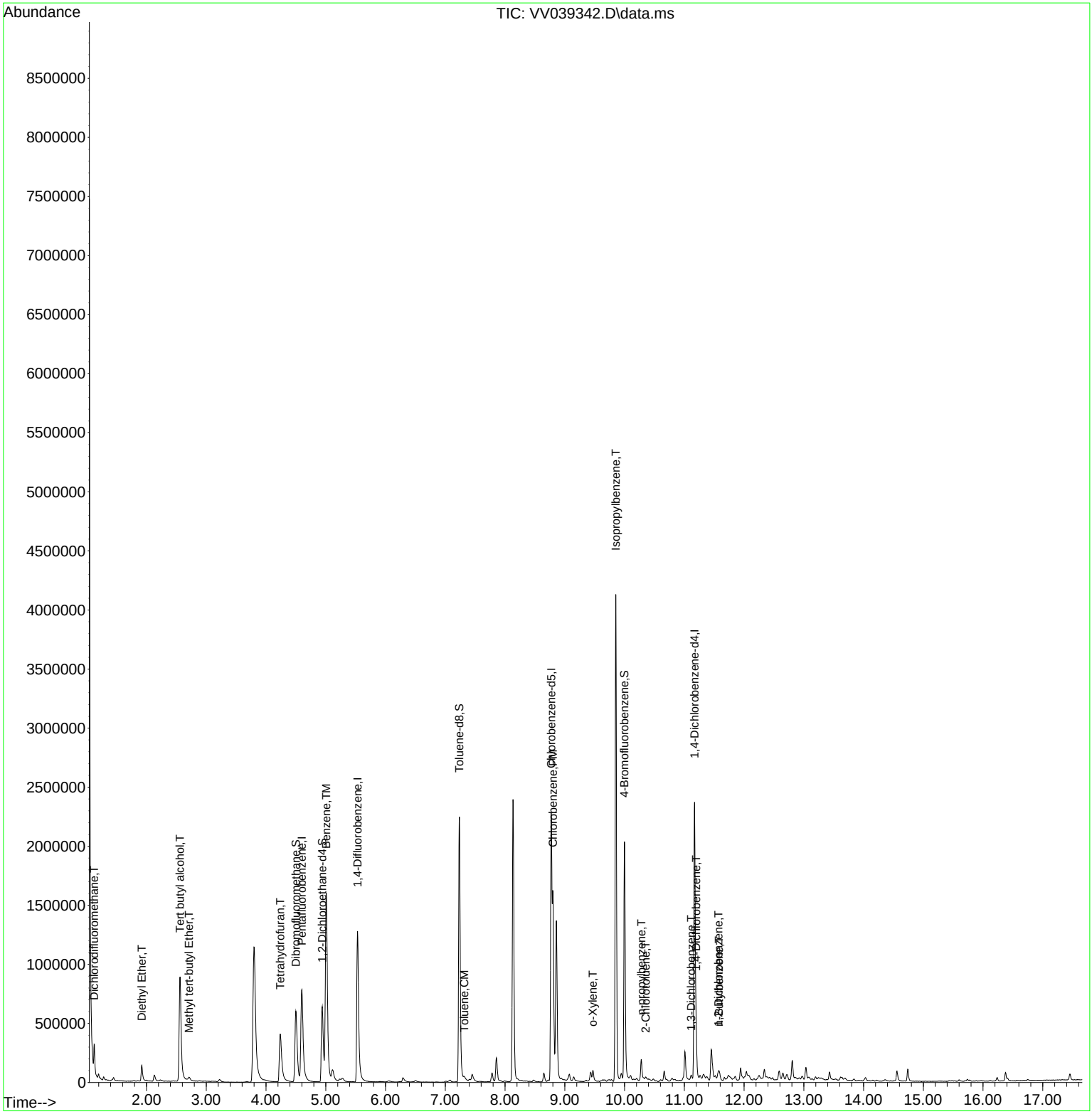
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

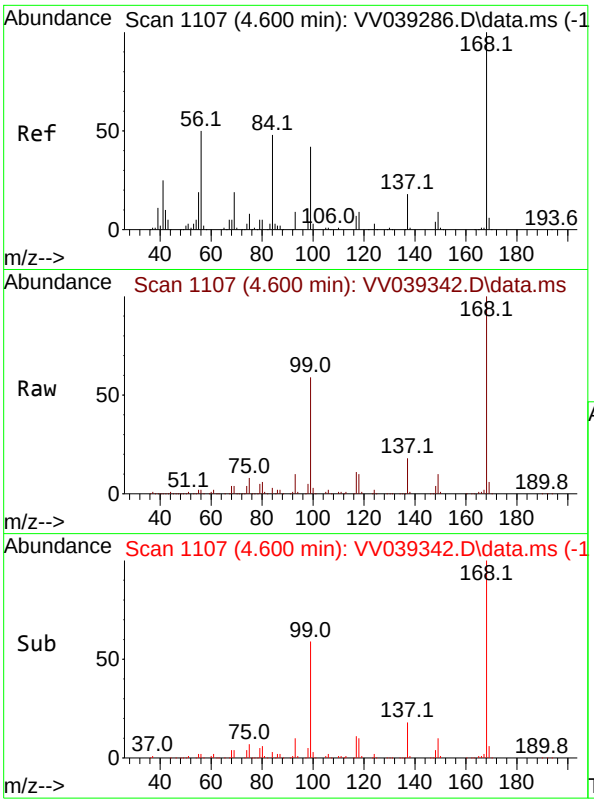
Quant Time: Nov 06 00:19:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

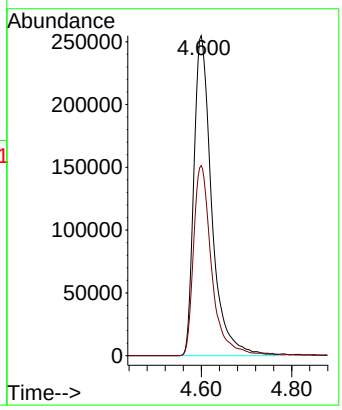




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:168 Resp: 69859

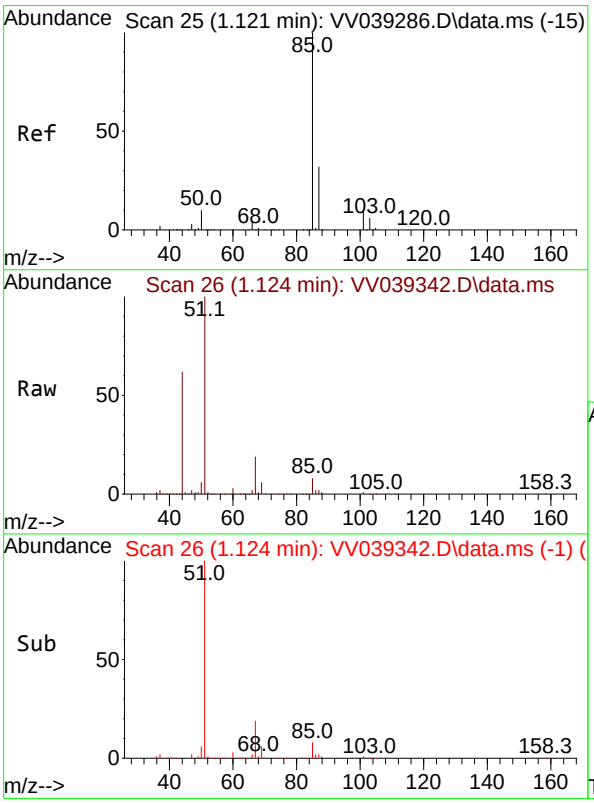
Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.6	70.0



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

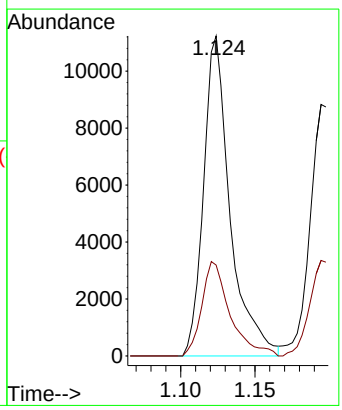
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

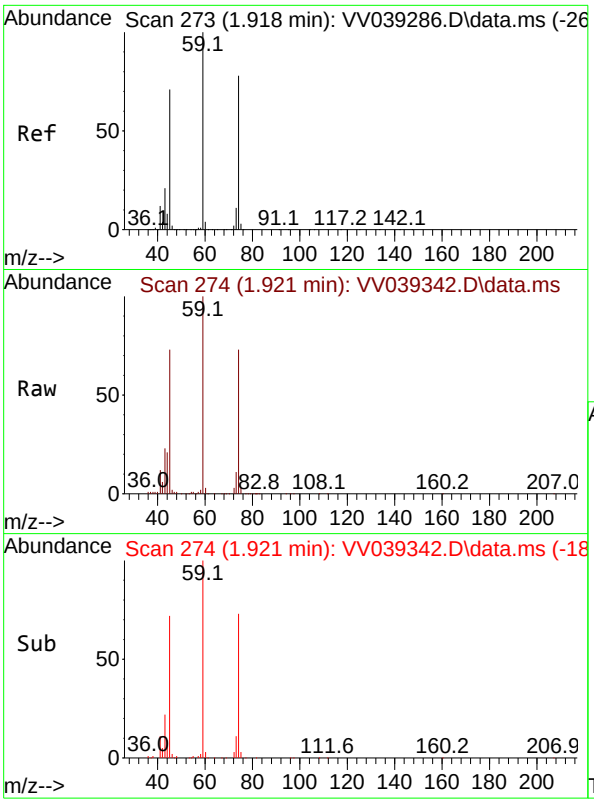


#2
Dichlorodifluoromethane
Concen: 1.578 ug/l
RT: 1.124 min Scan# 26
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 85 Resp: 13937

Ion	Ratio	Lower	Upper
85	100		
87	28.4	16.1	48.2

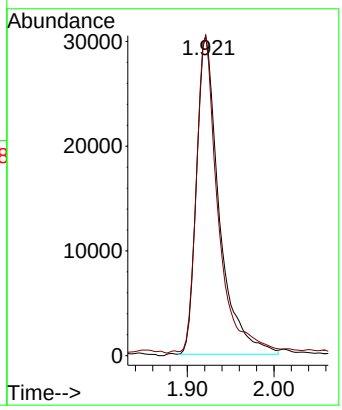




#8
Diethyl Ether
Concen: 9.540 ug/l
RT: 1.921 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 74 Resp: 5523

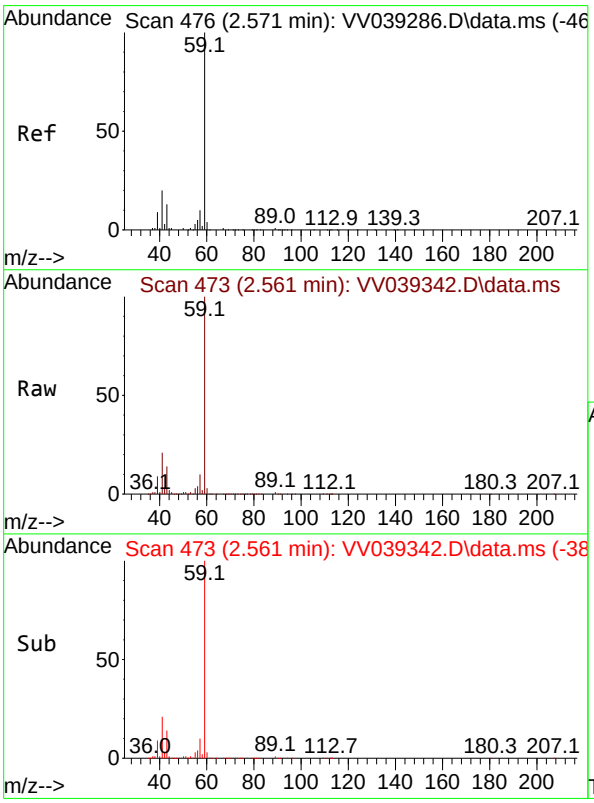
Ion	Ratio	Lower	Upper
74	100		
45	95.8	45.9	137.7



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

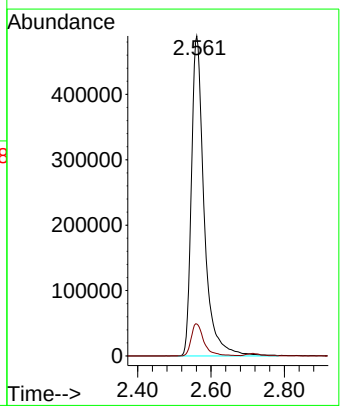
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

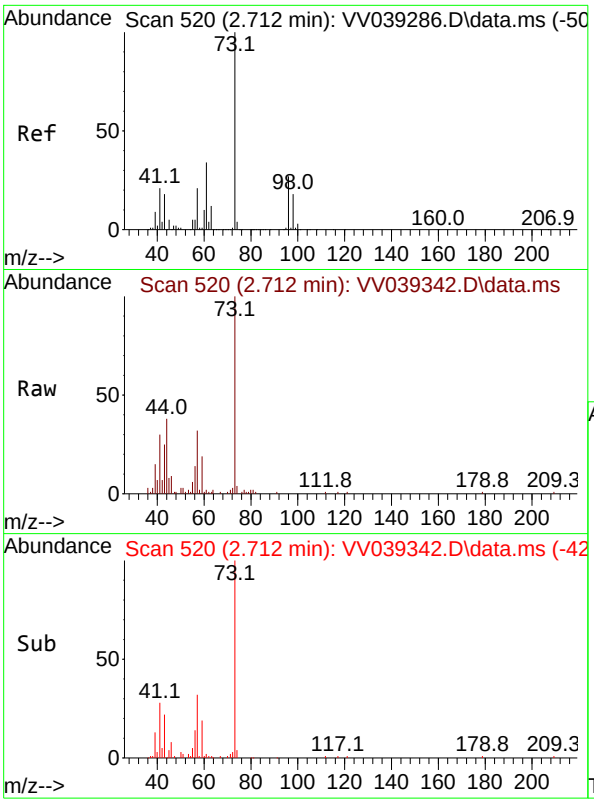


#11
Tert butyl alcohol
Concen: 612.457 ug/l
RT: 2.561 min Scan# 473
Delta R.T. -0.010 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 59 Resp: 1178206

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

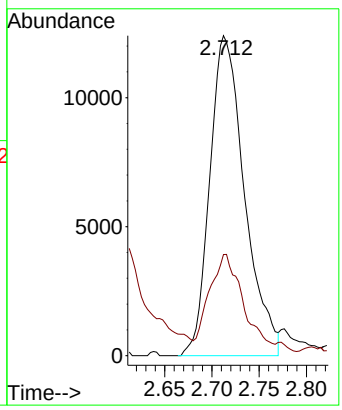




#19
Methyl tert-butyl Ether
Concen: 1.119 ug/l
RT: 2.712 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 73 Resp: 3171

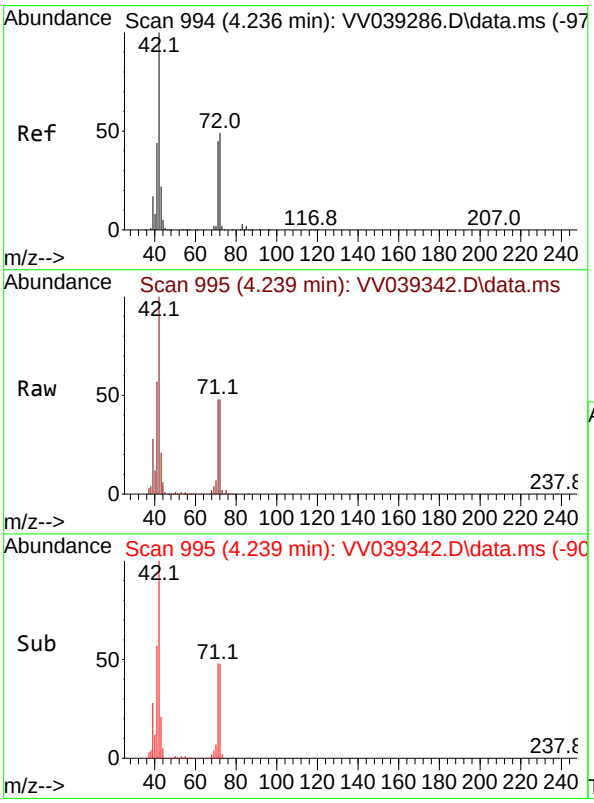
Ion	Ratio	Lower	Upper
73	100		
57	27.5	17.0	25.6



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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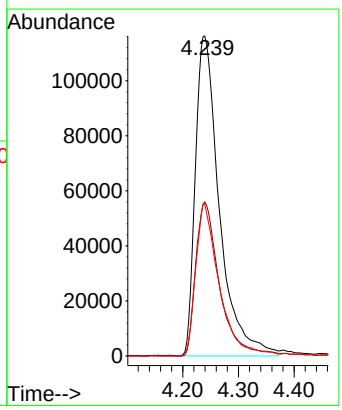
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

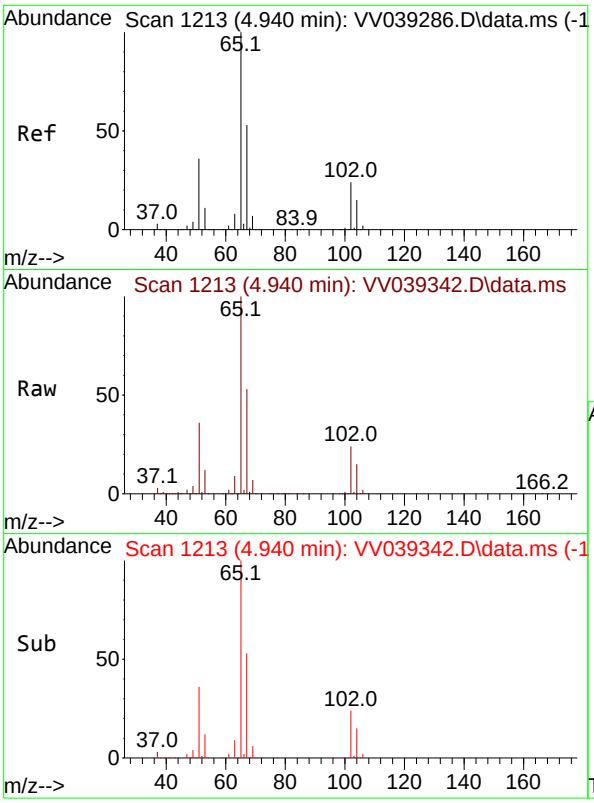


#29
Tetrahydrofuran
Concen: 89.803 ug/l
RT: 4.239 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 42 Resp: 348572

Ion	Ratio	Lower	Upper
42	100		
72	47.6	39.8	59.8
71	46.2	36.5	54.7

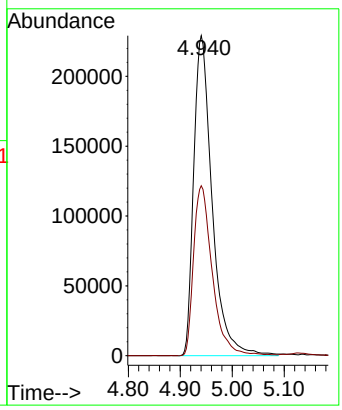




#33
1,2-Dichloroethane-d4
Concen: 56.913 ug/l
RT: 4.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 65 Resp: 56495

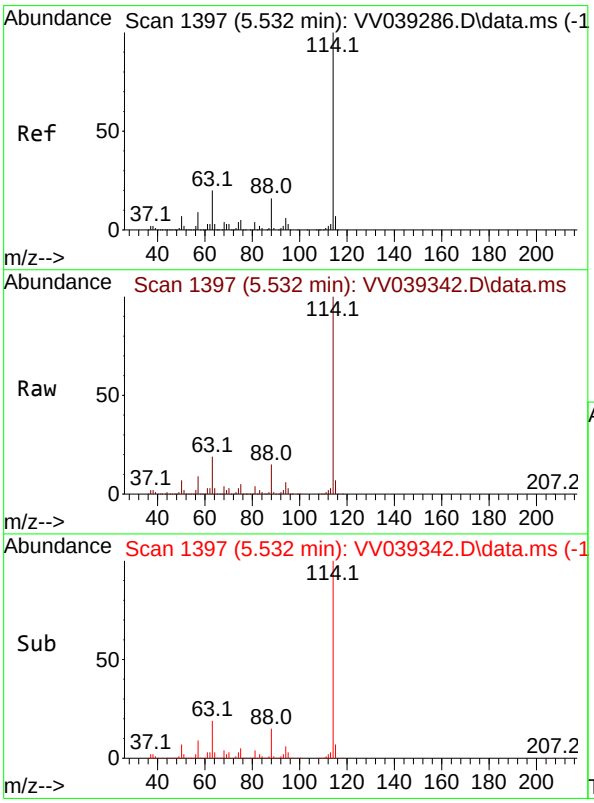
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

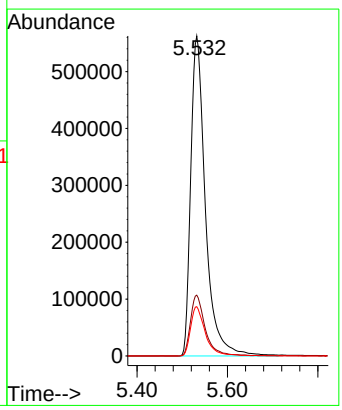
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

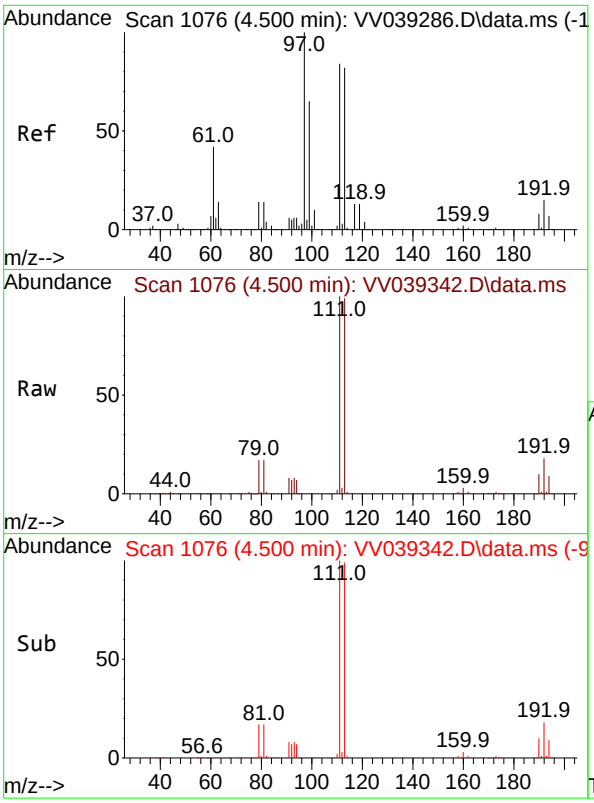


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:114 Resp: 1269452

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.4	0.0	31.6

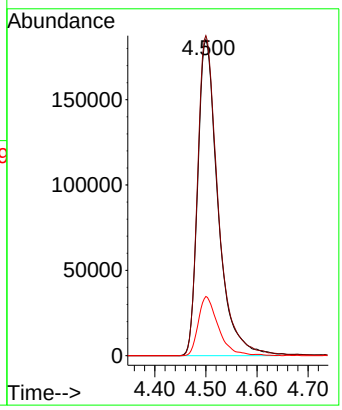




#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 4.500 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:113 Resp: 50932

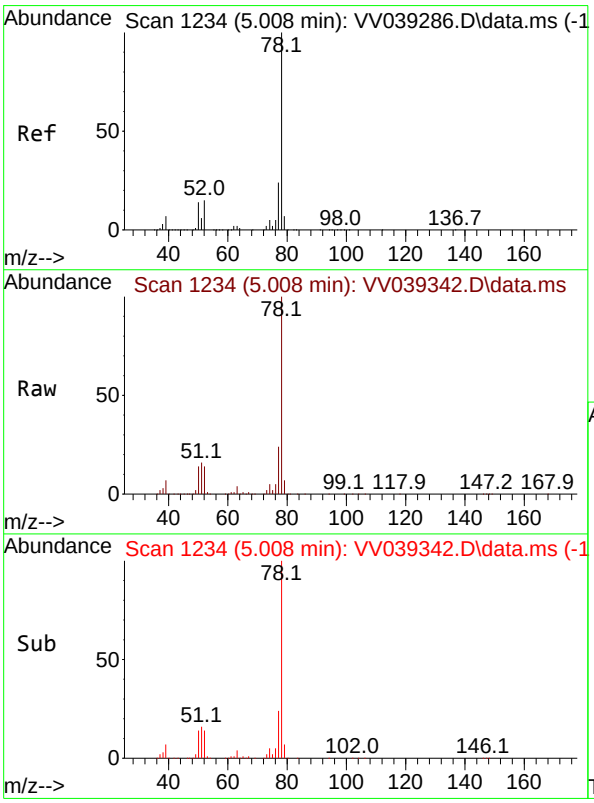
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.4	14.3	21.5



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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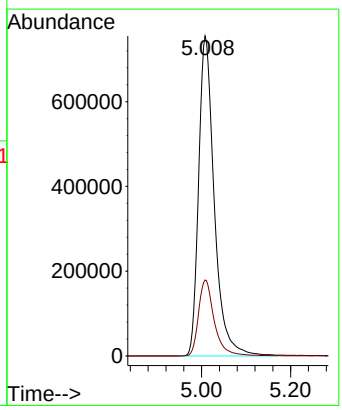
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

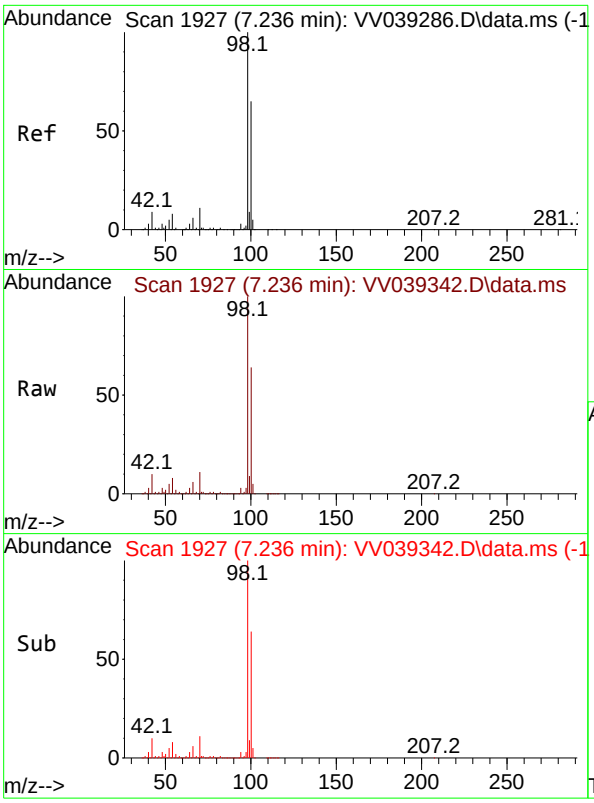


#40
Benzene
Concen: 45.655 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 78 Resp: 1840462

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3

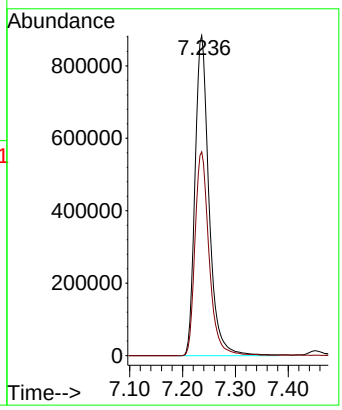




#50
Toluene-d8
Concen: 47.656 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 98 Resp: 162161

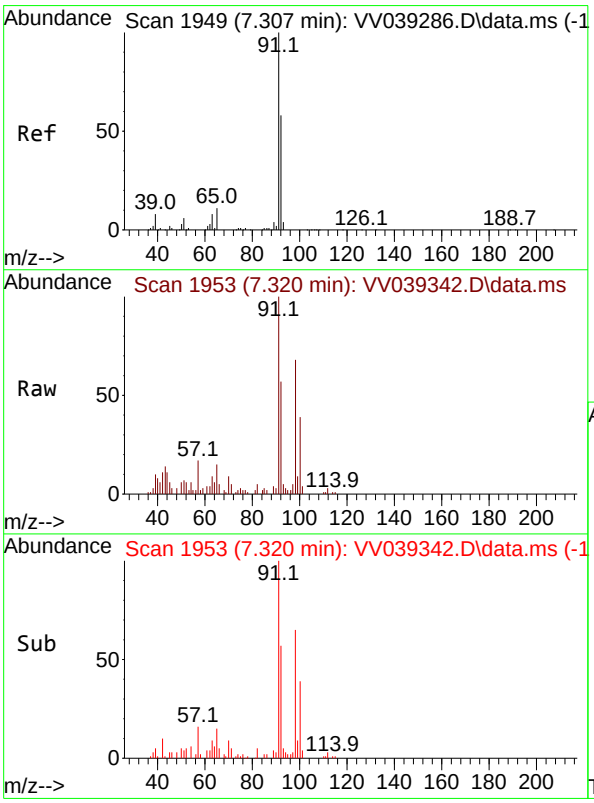
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

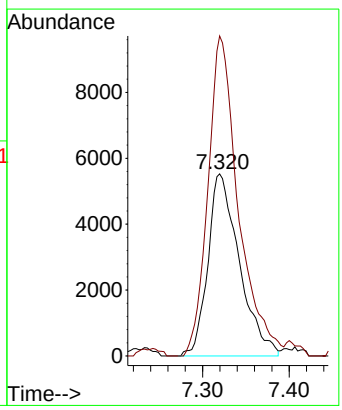
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

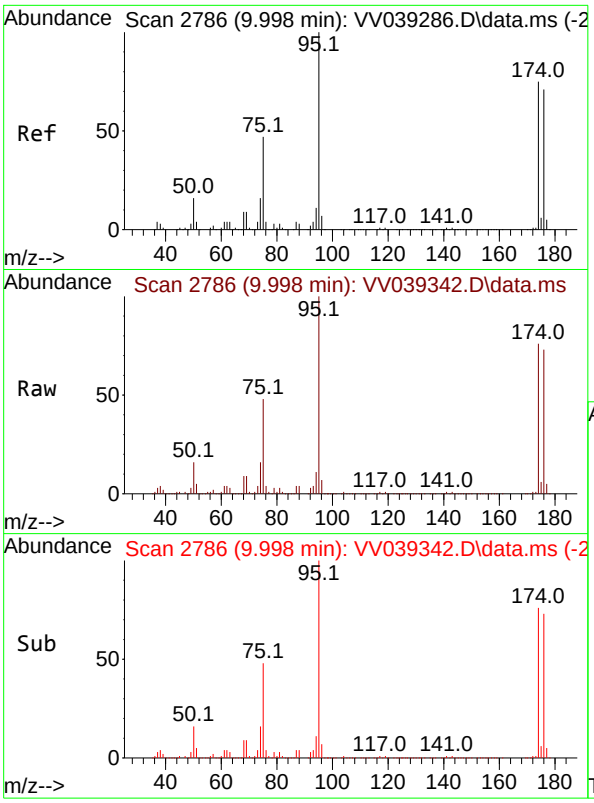


#52
Toluene
Concen: 0.574 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 92 Resp: 13960

Ion	Ratio	Lower	Upper
92	100		
91	169.8	137.3	205.9

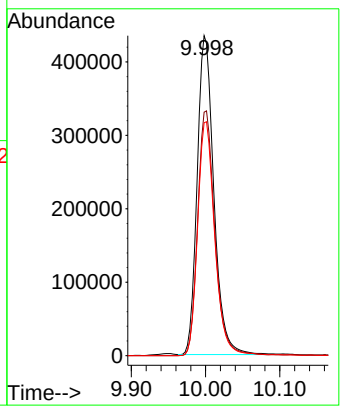




#62
4-Bromofluorobenzene
Concen: 56.085 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 95 Resp: 67967

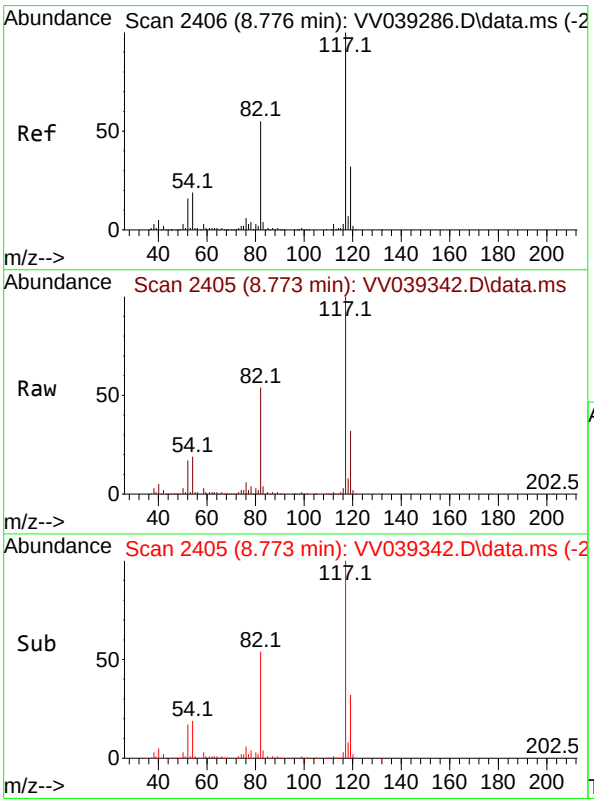
Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	153.6
176	75.3	0.0	146.0



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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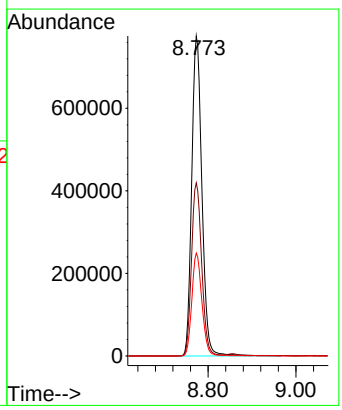
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

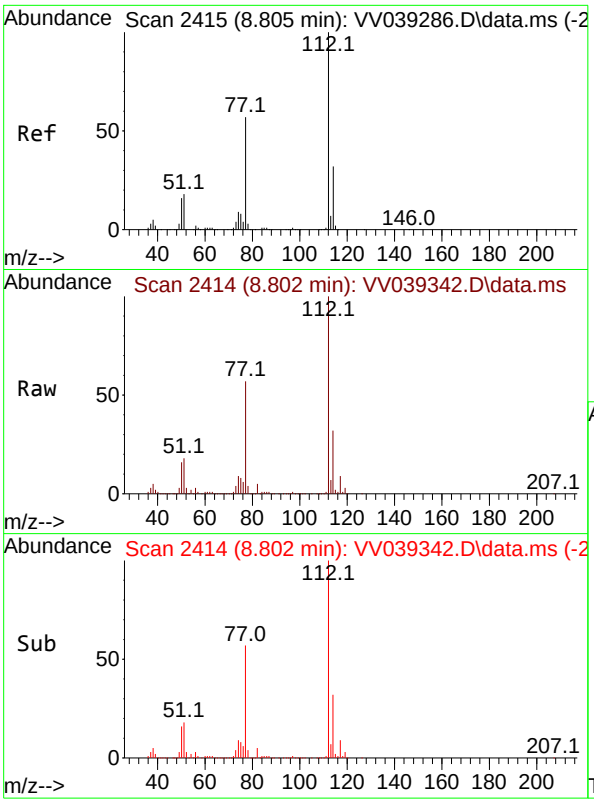


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:117 Resp: 1250476

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	32.1	25.8	38.6

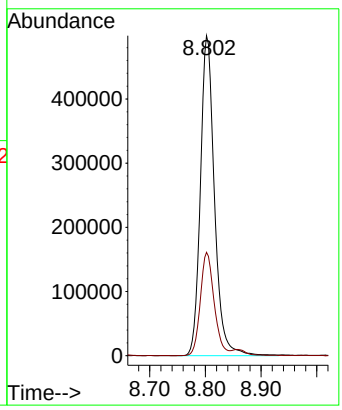




#65
Chlorobenzene
Concen: 29.583 ug/l
RT: 8.802 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:112 Resp: 87572

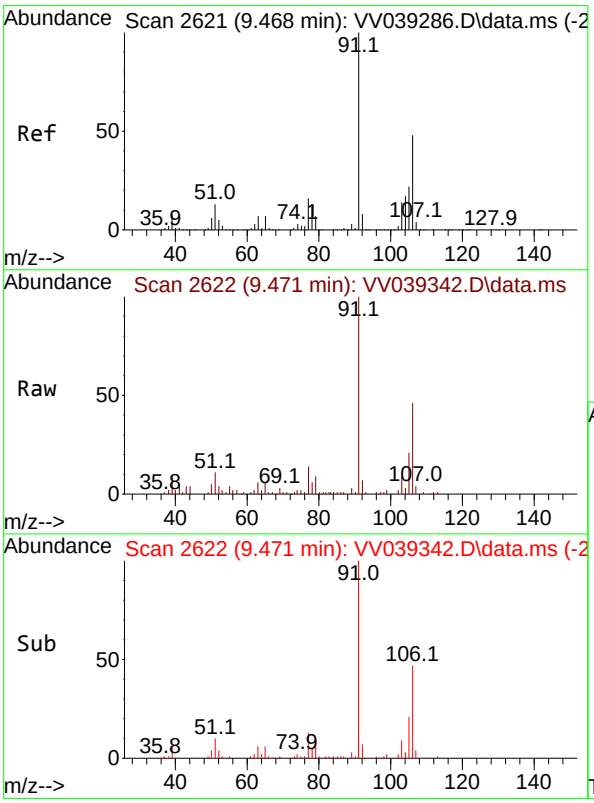
Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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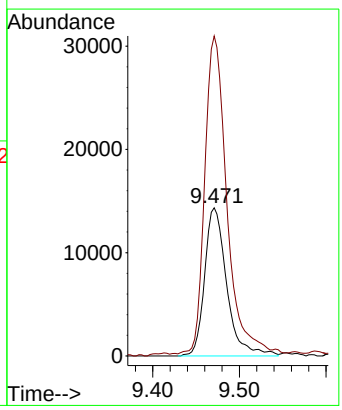
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

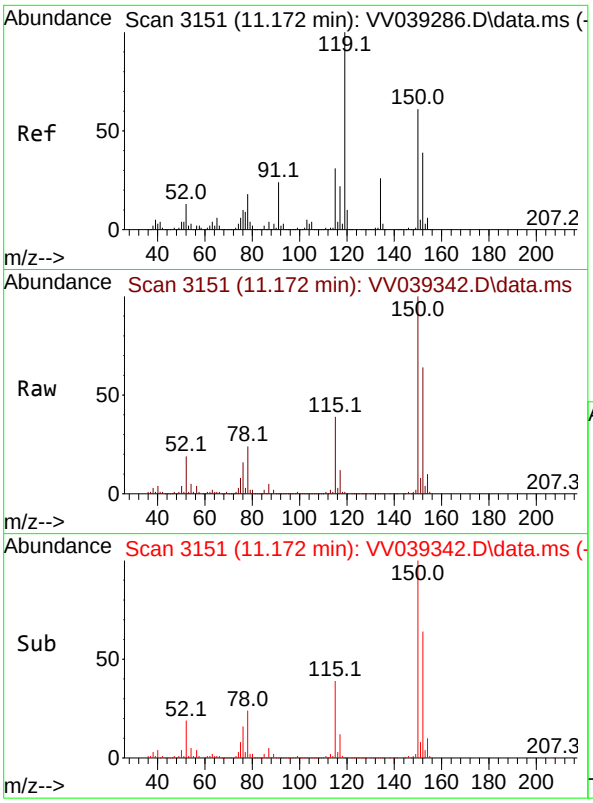


#69
o-Xylene
Concen: 1.666 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:106 Resp: 25439

Ion	Ratio	Lower	Upper
106	100		
91	213.5	105.8	317.3

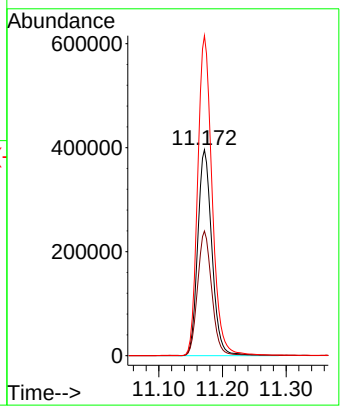




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:152 Resp: 61166

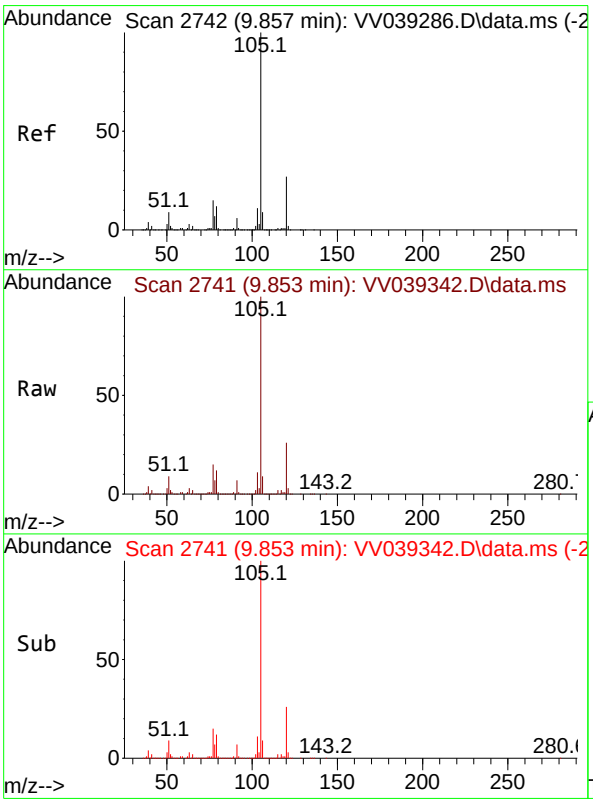
Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.3	126.8
150	158.2	0.0	348.0



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

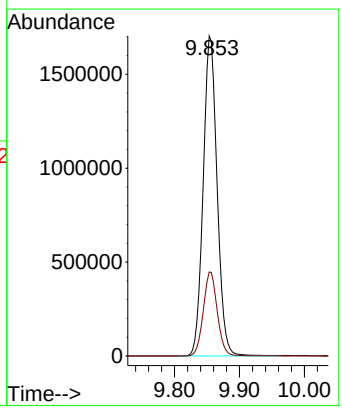
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

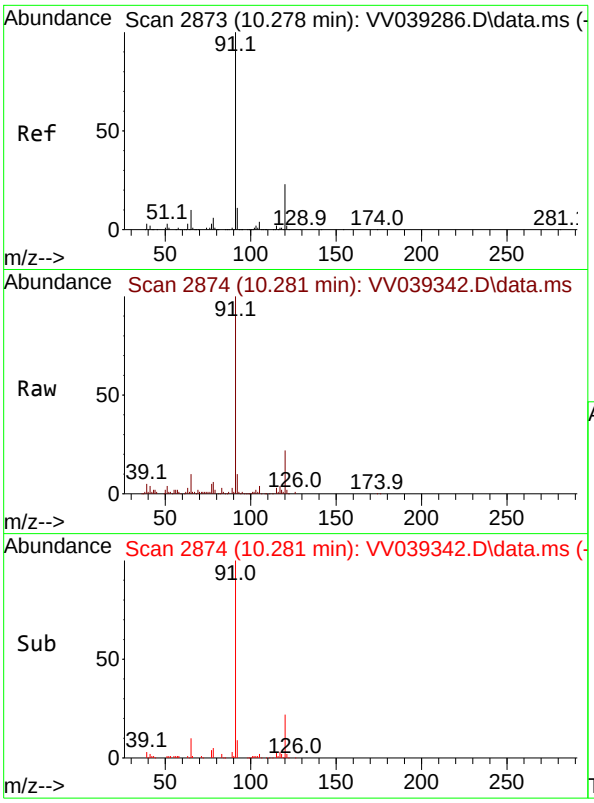


#73
Isopropylbenzene
Concen: 68.582 ug/l
RT: 9.853 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:105 Resp: 2547351

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5





#78
n-propylbenzene
Concen: 2.823 ug/l
RT: 10.281 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

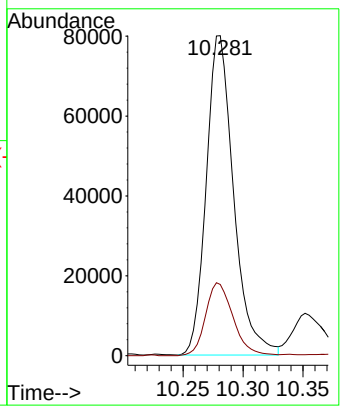
Tgt Ion: 91 Resp: 12721

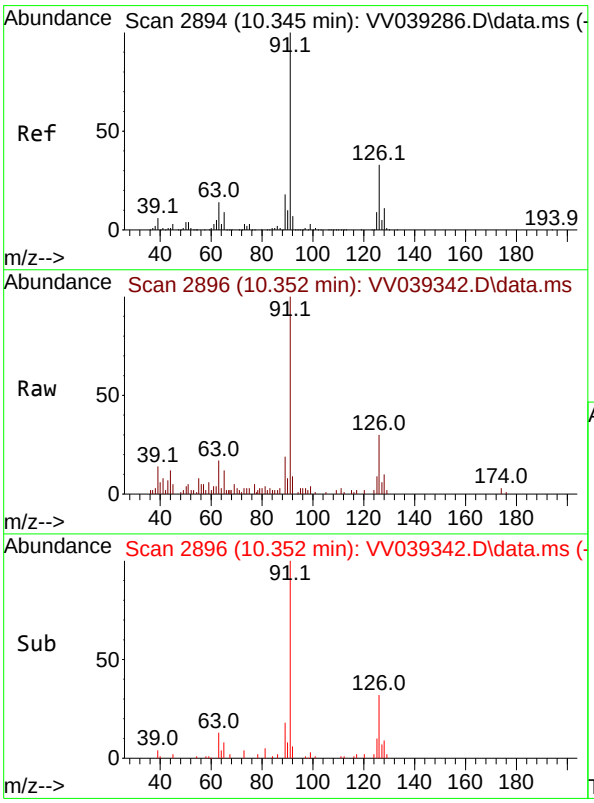
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5

Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

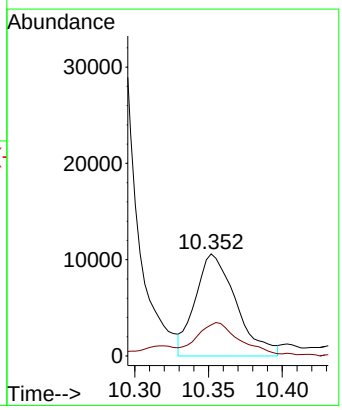


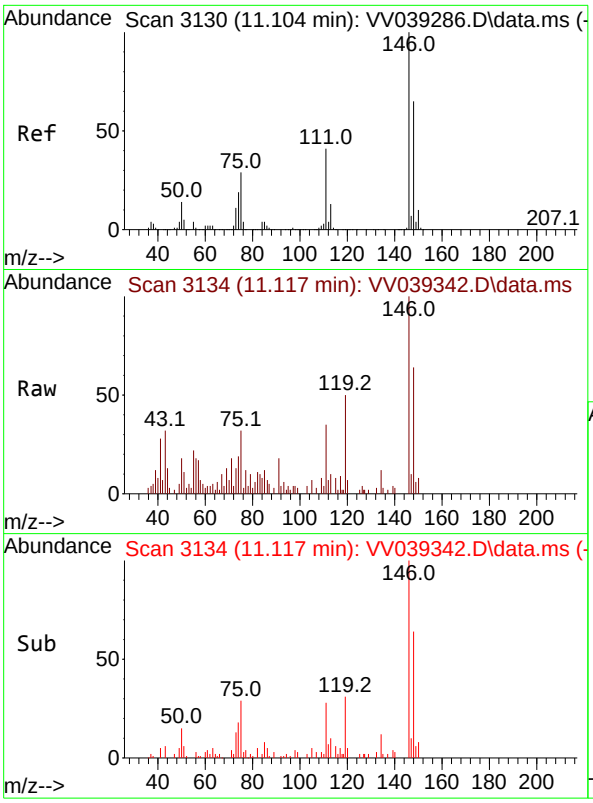


#79
2-Chlorotoluene
Concen: 0.733 ug/l m
RT: 10.352 min Scan# 2896
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 91 Resp: 20387

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.9	50.6#

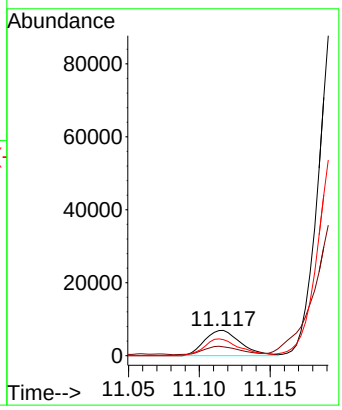




#87
1,3-Dichlorobenzene
Concen: 0.605 ug/l
RT: 11.117 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:146 Resp: 1232

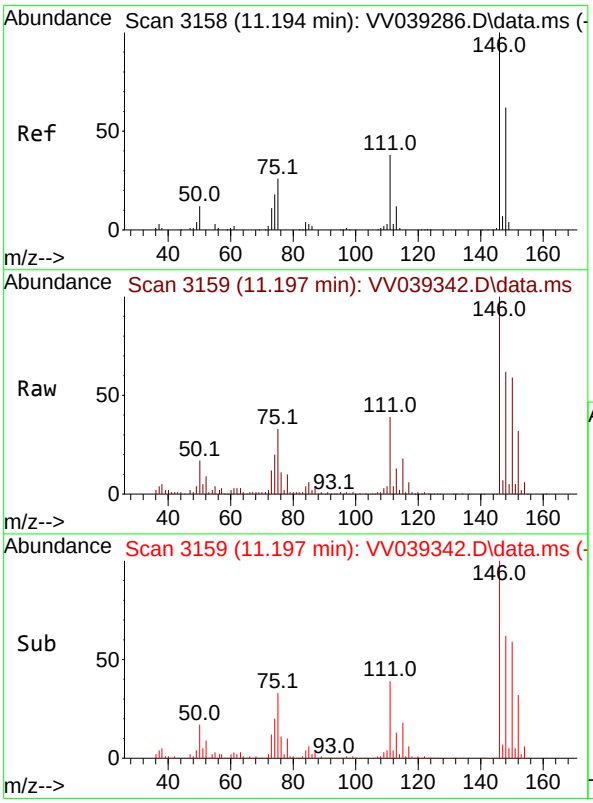
Ion	Ratio	Lower	Upper
146	100		
111	33.5	20.6	61.8
148	64.9	31.9	95.9



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
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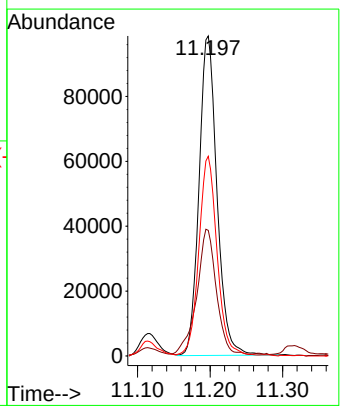
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

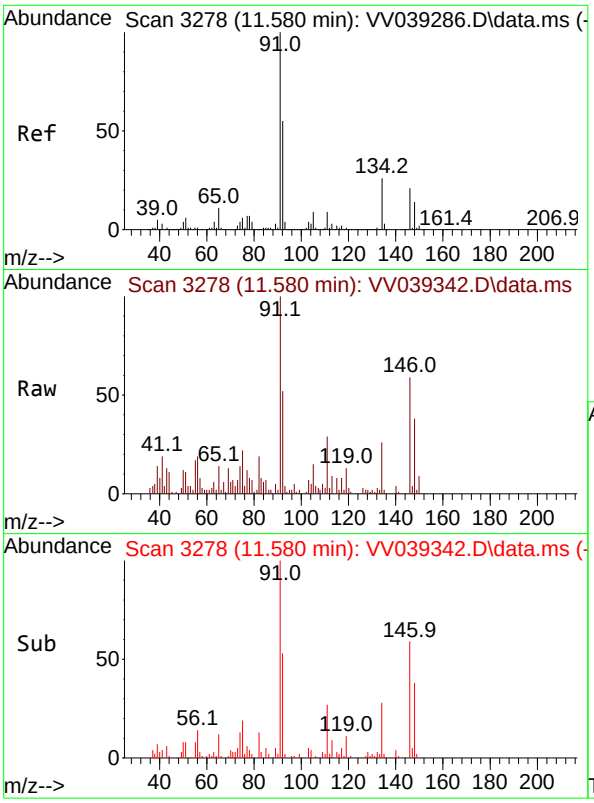


#88
1,4-Dichlorobenzene
Concen: 7.433 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:146 Resp: 169419

Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.7	59.0
148	62.9	31.5	94.5

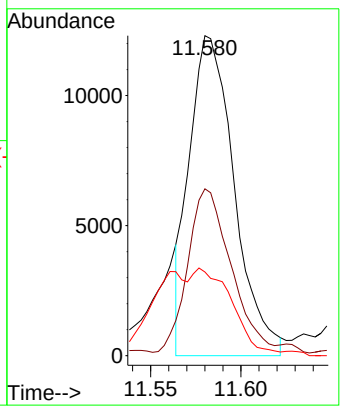




#89
n-Butylbenzene
Concen: 0.679 ug/l m
RT: 11.580 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 91 Resp: 2126

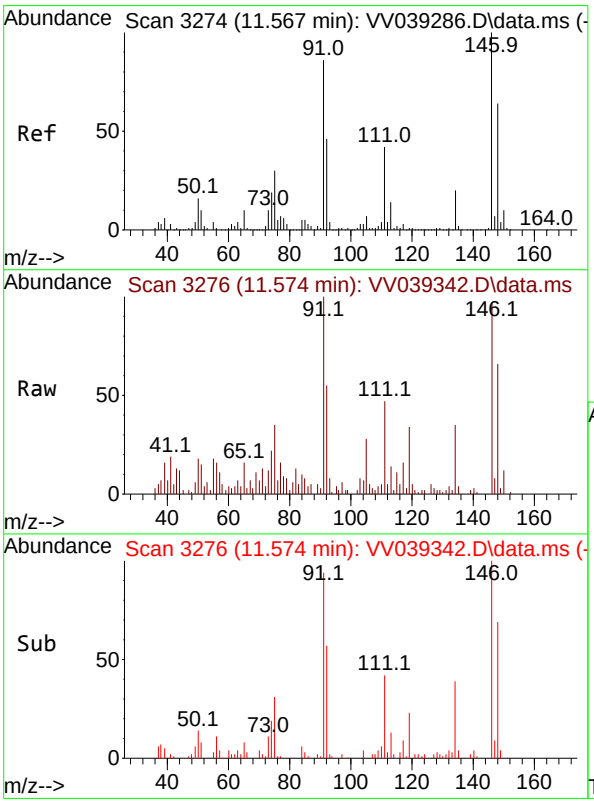
Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.9	80.6
134	20.1	12.6	37.8



Instrument :
MSVOA_V
ClientSampleId :
MW-4

Manual Integrations
APPROVED

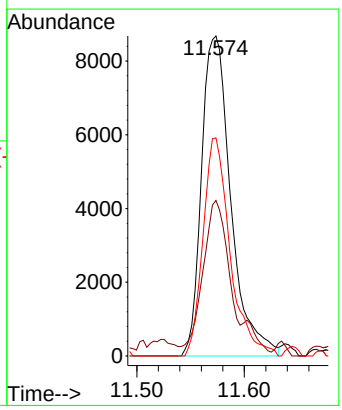
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025



#91
1,2-Dichlorobenzene
Concen: 0.850 ug/l
RT: 11.574 min Scan# 3276
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:146 Resp: 16468

Ion	Ratio	Lower	Upper
146	100		
111	37.7	21.3	64.0
148	62.9	31.9	95.7



Sample Results: **VV039342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

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: VV039342.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	22	26	43	rVB	279427	389156	6.28%	0.733%
2	1.921	265	274	291	rBV	134250	233856	3.78%	0.441%
3	2.130	329	339	355	rBV2	51600	108529	1.75%	0.204%
4	2.561	458	473	506	rBV	883476	2126601	34.34%	4.007%
5	3.799	835	858	906	rBV	1145605	3770137	60.89%	7.103%
6	4.239	982	995	1037	rBV	402184	1204399	19.45%	2.269%
7	4.500	1061	1076	1095	rBV	595715	1572344	25.39%	2.962%
8	4.600	1095	1107	1152	rVB	776512	2162046	34.92%	4.073%
9	4.940	1200	1213	1223	rBV	636645	1434763	23.17%	2.703%
10	5.008	1223	1234	1258	rVV	1596459	3923960	63.37%	7.393%
11	5.111	1259	1266	1293	rVB4	92550	271706	4.39%	0.512%
12	5.532	1384	1397	1437	rBV	1275167	2902645	46.88%	5.469%
13	6.291	1625	1633	1647	rBV	34254	75329	1.22%	0.142%
14	7.236	1915	1927	1947	rBV	2240271	4122842	66.58%	7.768%
15	7.448	1986	1993	2022	rVB	62294	162685	2.63%	0.307%
16	7.783	2085	2097	2110	rBV3	75306	145256	2.35%	0.274%
17	7.857	2110	2120	2138	rVV	197481	373231	6.03%	0.703%
18	8.133	2194	2206	2229	rBV2	2384385	4199760	67.83%	7.912%
19	8.648	2356	2366	2380	rBV	72908	136467	2.20%	0.257%
20	8.773	2395	2405	2411	rBV	2264880	3873064	62.55%	7.297%
21	8.860	2423	2432	2453	rVB	1337759	2417567	39.04%	4.555%
22	9.075	2488	2499	2510	rVB7	52649	100530	1.62%	0.189%
23	9.435	2597	2611	2616	rBV2	75595	134128	2.17%	0.253%
24	9.471	2616	2622	2642	rVB2	91627	169218	2.73%	0.319%
25	9.853	2729	2741	2759	rBV	4121306	6191891	100.00%	11.666%
26	9.998	2777	2786	2809	rBV	1998928	3147325	50.83%	5.930%
27	10.281	2863	2874	2885	rBV	177564	304023	4.91%	0.573%
28	10.664	2984	2993	3002	rBV2	81988	131830	2.13%	0.248%
29	11.011	3083	3101	3121	rBV4	244834	485976	7.85%	0.916%
30	11.172	3140	3151	3174	rBV2	2336684	4178960	67.49%	7.873%
31	11.451	3228	3238	3253	rBV2	257379	534990	8.64%	1.008%
32	11.577	3267	3277	3298	rVB8	84335	237415	3.83%	0.447%
33	11.738	3321	3327	3347	rVB8	33945	97133	1.57%	0.183%
34	11.943	3382	3391	3406	rBV2	98092	189566	3.06%	0.357%
35	12.252	3474	3487	3499	rBV8	33557	82123	1.33%	0.155%
36	12.342	3507	3515	3523	rBV3	73126	112112	1.81%	0.211%

Sample Results: **VV039342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

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	12.586	3582	3591	3602	rBV8	72529	134395	2.17%	0.253%
38	12.651	3602	3611	3622	rVB	51039	92196	1.49%	0.174%
39	12.718	3623	3632	3646	rVB8	44318	98067	1.58%	0.185%
40	12.808	3649	3660	3671	rBV3	159868	279480	4.51%	0.527%
41	13.037	3722	3731	3740	rBV4	98180	165539	2.67%	0.312%
42	13.429	3846	3853	3865	rBV	62628	97462	1.57%	0.184%
43	14.557	4196	4204	4223	rVB	83339	145634	2.35%	0.274%
44	14.741	4252	4261	4279	rVB2	99870	163860	2.65%	0.309%
45	16.377	4761	4770	4777	rBV2	69865	114211	1.84%	0.215%
46	17.454	5097	5105	5118	rVB3	48722	83446	1.35%	0.157%

Sum of corrected areas: 53077853

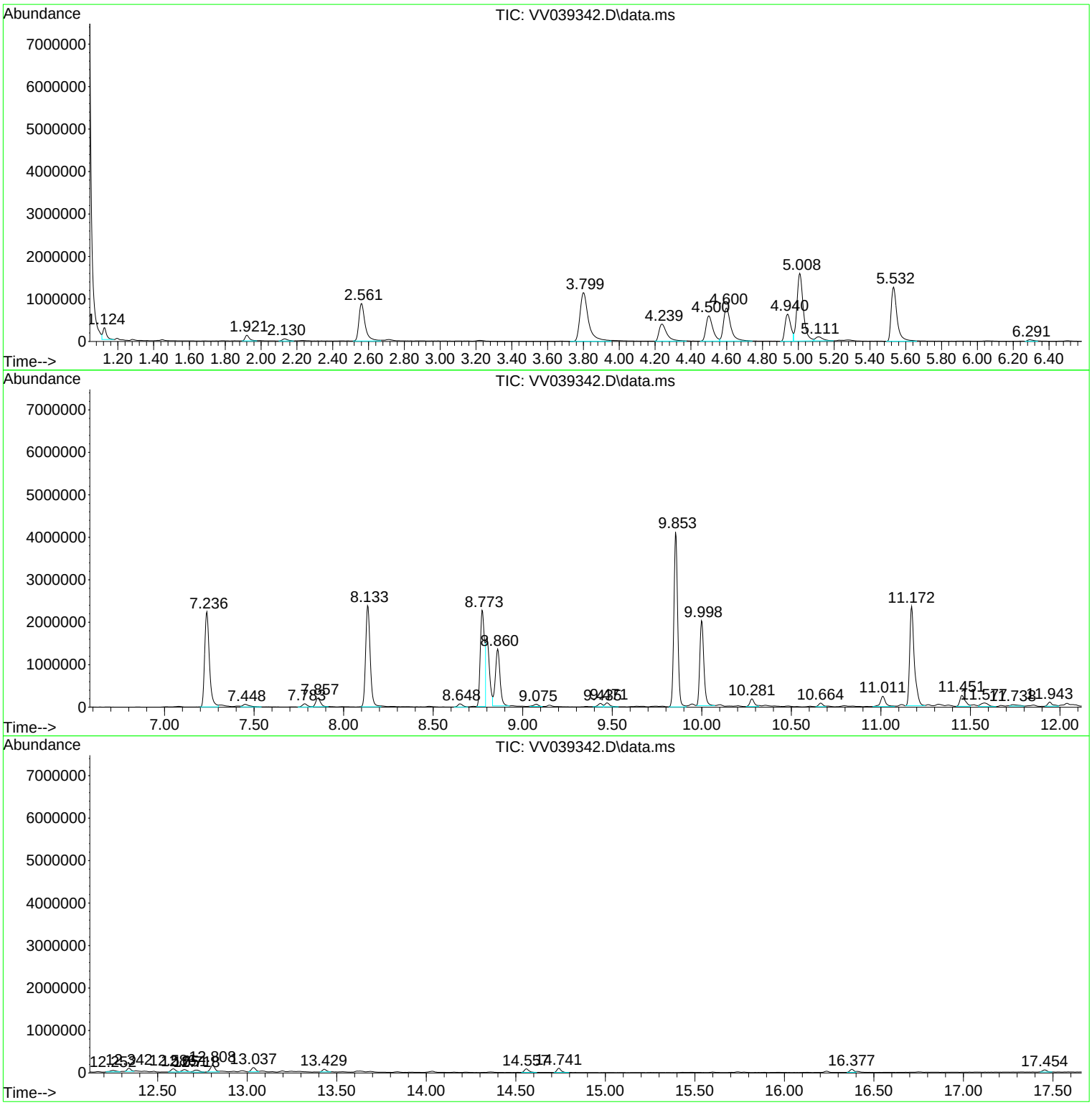
Sample Results: **VV039342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

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



Sample Results: **VV039342.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

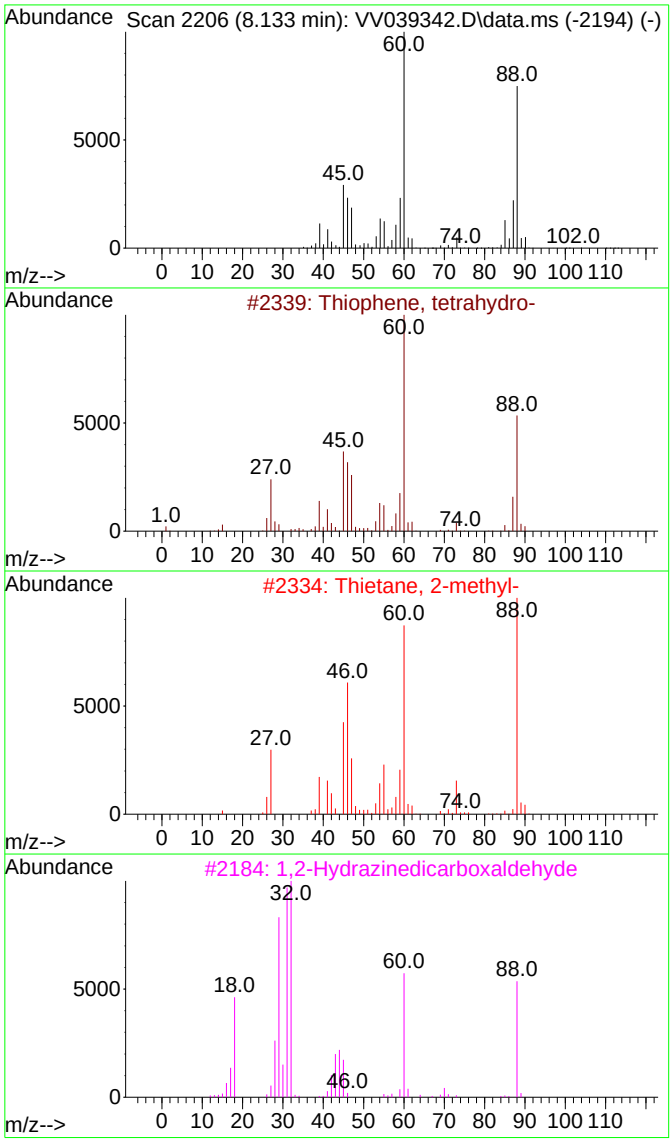
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Quant Title : SW846 8260

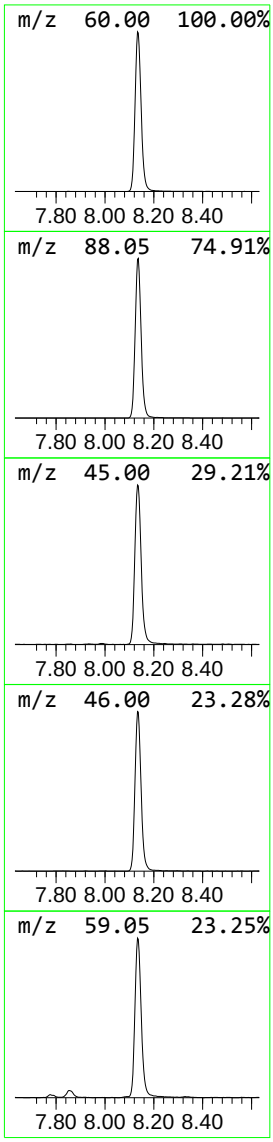
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Thiophene, tetrahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.133	54.22 ug/l	4199760	Chlorobenzene-d5	8.773

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2	Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	53
4	Ethylvinyl sulfide	88	C4H8S	000627-50-9	42
5	Sulfide, allyl methyl	88	C4H8S	010152-76-8	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

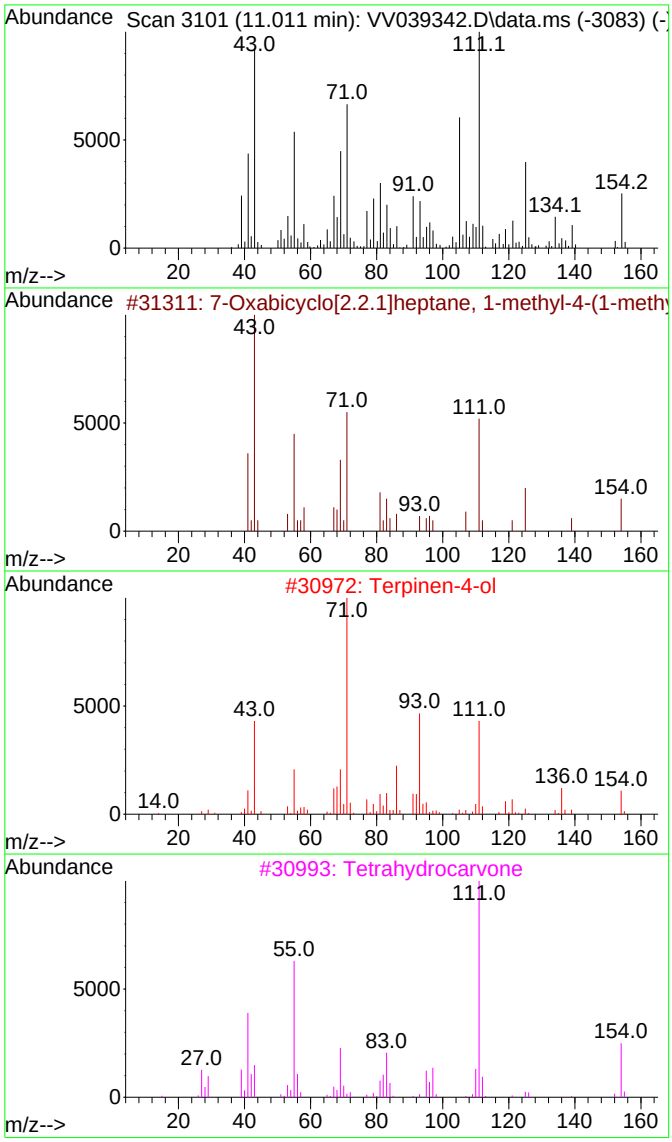
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260

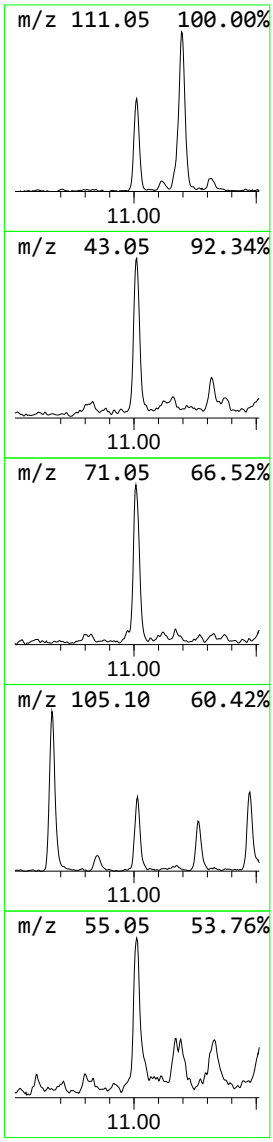
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.011	5.81 ug/l	485976	1,4-Dichlorobenzene-d4	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	96
2	Terpinen-4-ol	154	C10H18O	000562-74-3	46
3	Tetrahydrocarvone	154	C10H18O	000499-70-7	45
4	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	43
5	4-Hepten-3-one, 2,5,6-trimethyl-	154	C10H18O	016466-21-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039342.D
Acq On : 05 Nov 2025 17:43
Operator : SY/MD
Sample : Q3552-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-4

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
Thiophene, tetr...	8.133	54.2	ug/l	4199760	3	8.773	3873060	50.0
7-Oxabicyclo[2....	11.011	5.8	ug/l	485976	4	11.172	4178960	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Quant Time: Nov 06 00:17:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	905091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1744740	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1630594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	725279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	759652	59.067	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 118.140%#			
35) Dibromofluoromethane	4.500	113	669976	48.735	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.480%			
50) Toluene-d8	7.233	98	2167959	46.356	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.720%			
62) 4-Bromofluorobenzene	9.998	95	734424	44.094	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.180%			

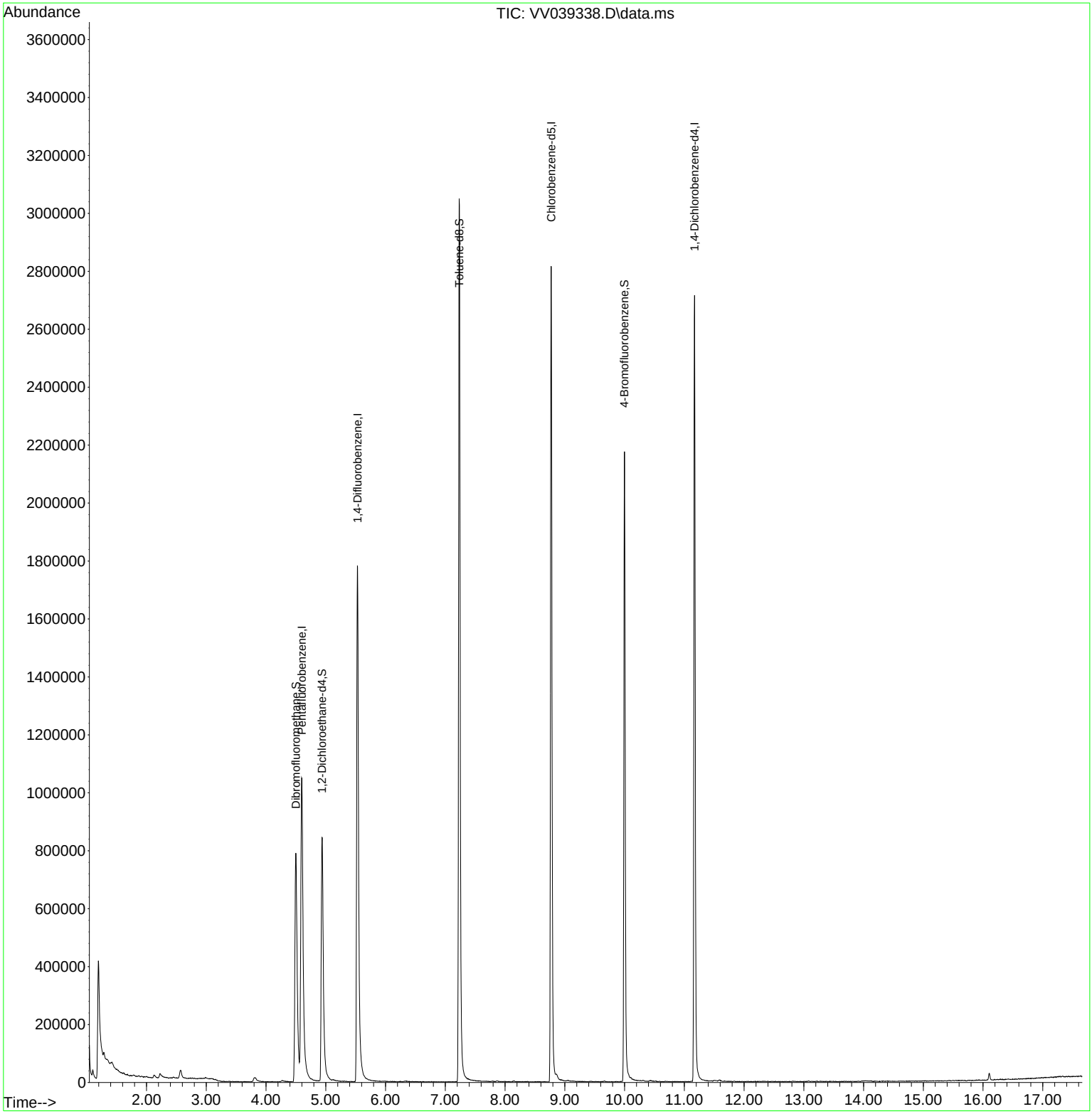
Target Compounds Qvalue

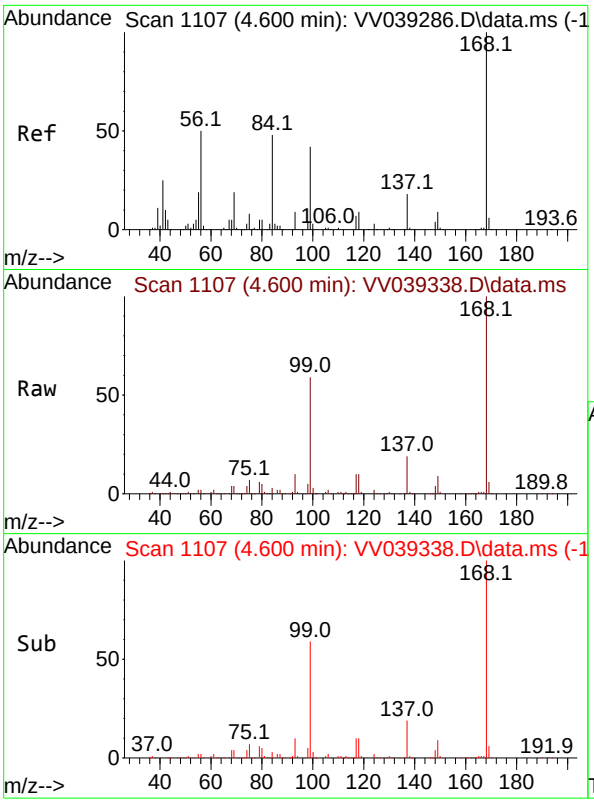
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Quant Time: Nov 06 00:17:05 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



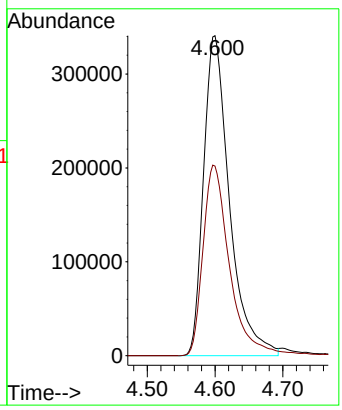


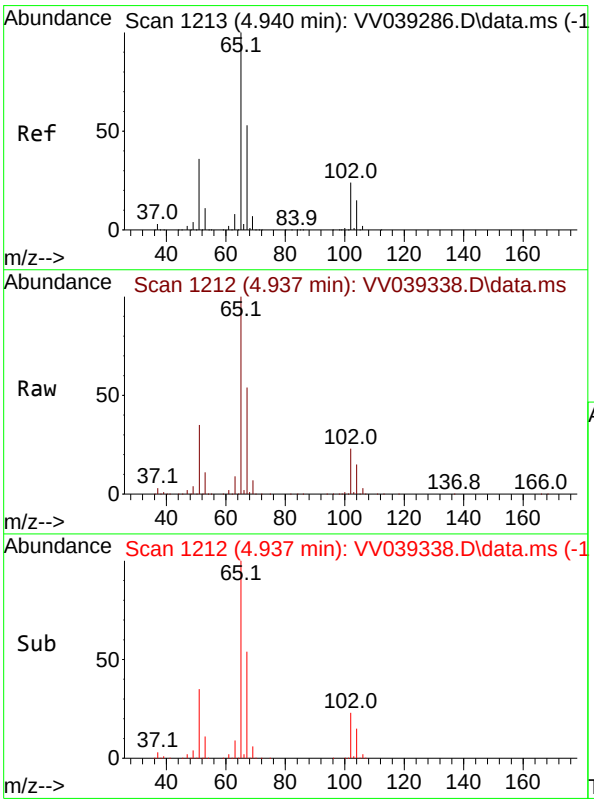
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Tgt Ion:168 Resp: 905091

Ion	Ratio	Lower	Upper
168	100		
99	59.3	46.6	70.0

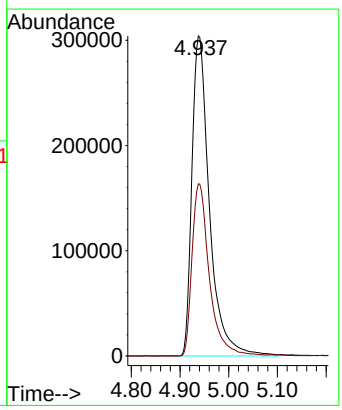


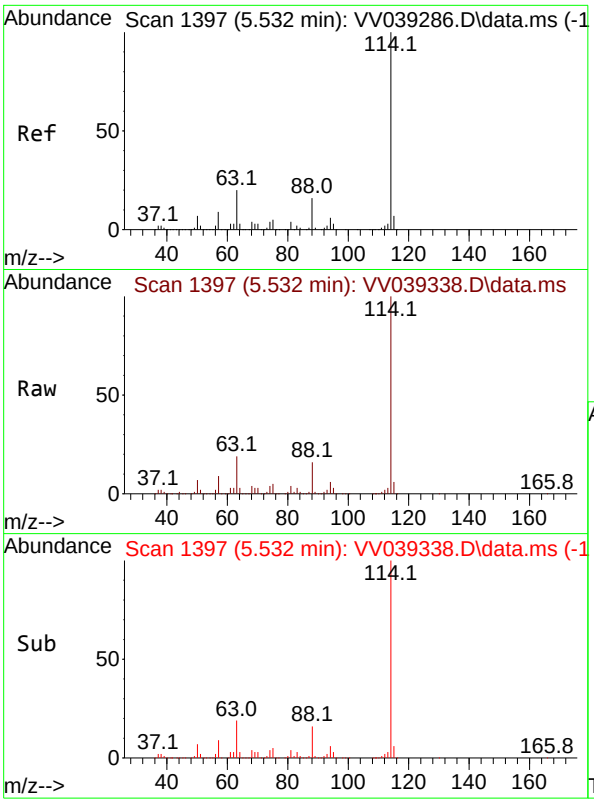


#33
1,2-Dichloroethane-d4
Concen: 59.067 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion: 65 Resp: 759652

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.4



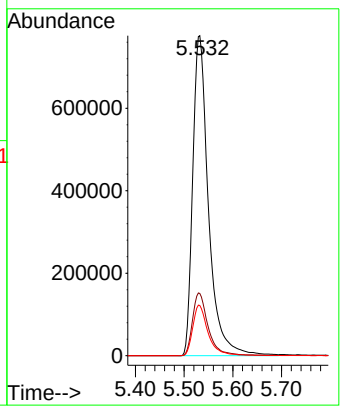


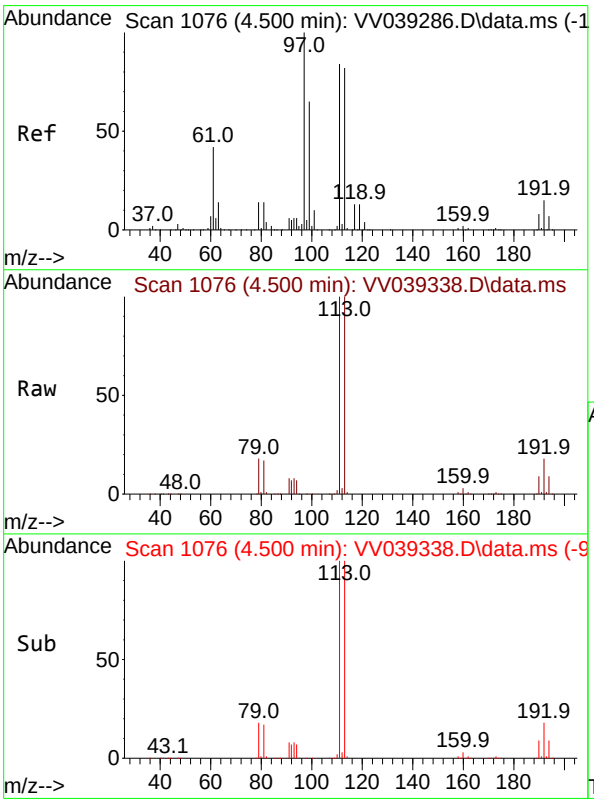
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Tgt Ion:114 Resp: 1744740

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.7	0.0	31.6

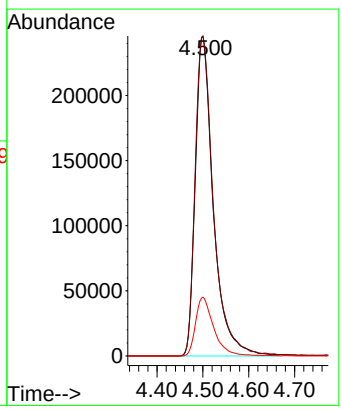


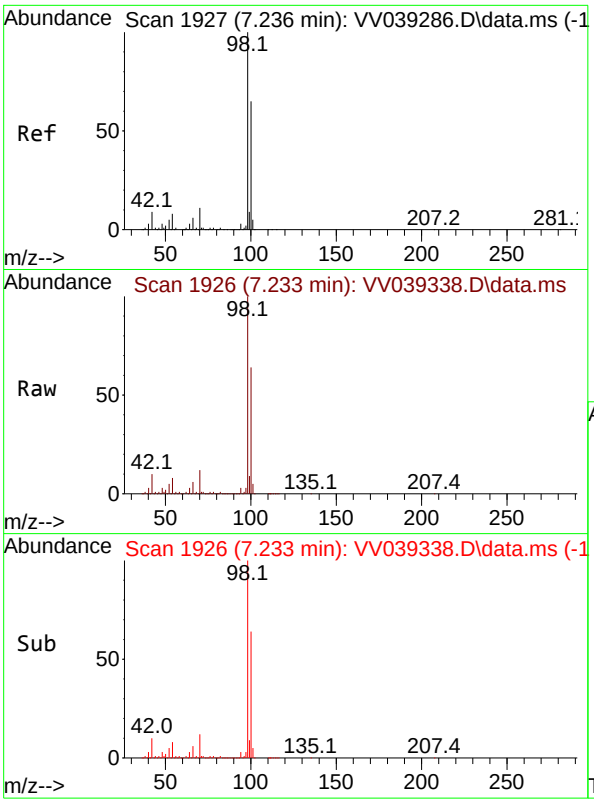


#35
Dibromofluoromethane
Concen: 48.735 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion:113 Resp: 669976

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	18.5	14.3	21.5



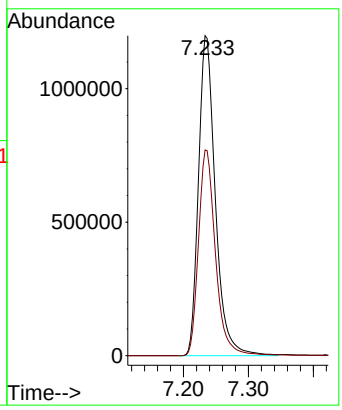


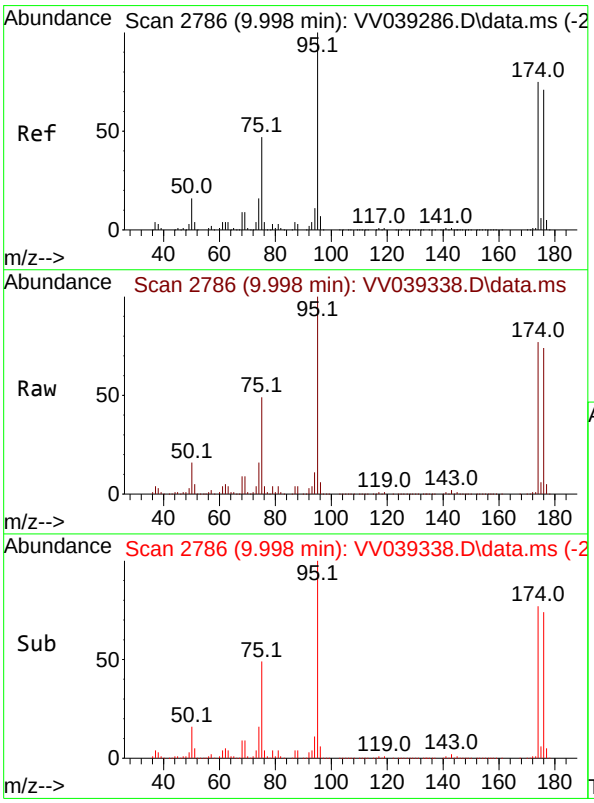
#50
Toluene-d8
Concen: 46.356 ug/l
RT: 7.233 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Tgt Ion: 98 Resp: 2167959

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2

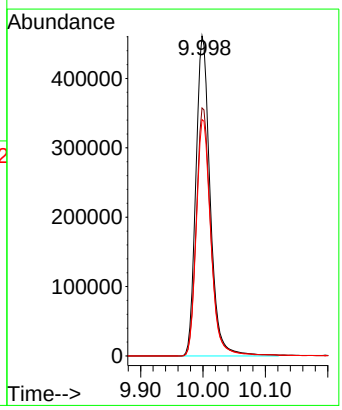


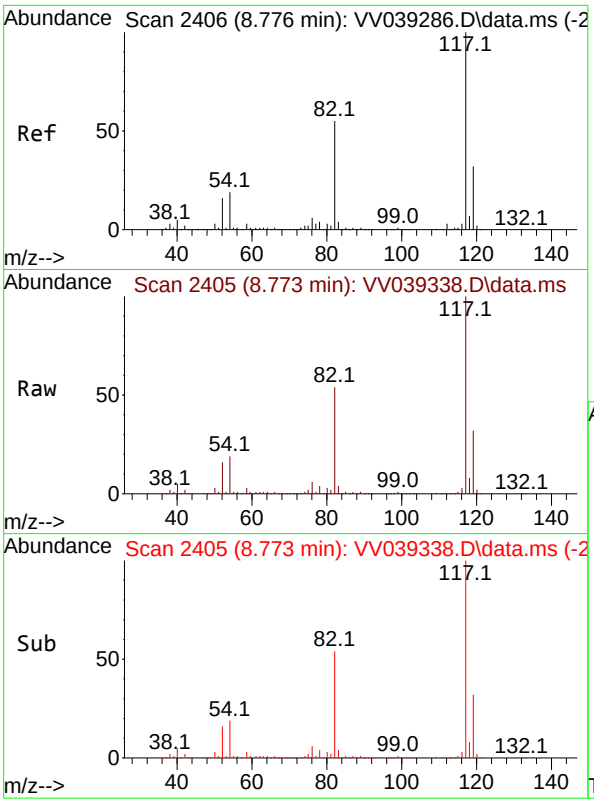


#62
4-Bromofluorobenzene
Concen: 44.094 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion: 95 Resp: 734424

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	153.6
176	74.6	0.0	146.0



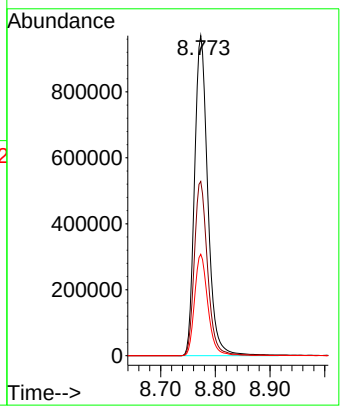


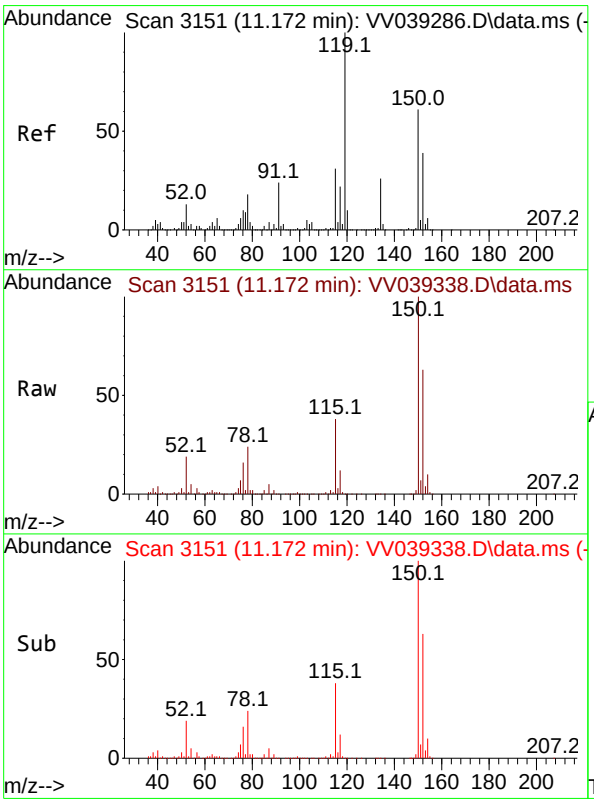
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Tgt Ion:117 Resp: 1630594

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	31.7	25.8	38.6

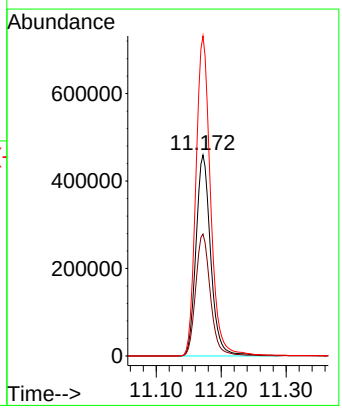




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion:152 Resp: 725279

Ion	Ratio	Lower	Upper
152	100		
115	61.0	42.3	126.8
150	158.9	0.0	348.0



Sample Results: **VV039338.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-8

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: VV039338.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.195	38	48	72	rBV	405664	1145301	20.40%	3.754%
2	2.571	465	476	491	rBV3	26271	60990	1.09%	0.200%
3	4.500	1061	1076	1094	rBV	789192	2078829	37.03%	6.814%
4	4.597	1094	1106	1155	rVB	1042502	2892571	51.52%	9.481%
5	4.937	1200	1212	1261	rBV	839664	2107729	37.54%	6.908%
6	5.529	1383	1396	1440	rBV	1781255	4025717	71.70%	13.195%
7	7.233	1915	1926	1963	rBV	3047126	5614304	100.00%	18.401%
8	8.773	2392	2405	2428	rBV	2815443	4744865	84.51%	15.552%
9	9.998	2773	2786	2816	rBV	2174264	3508843	62.50%	11.501%
10	11.172	3139	3151	3190	rBV	2713856	4331069	77.14%	14.195%

Sum of corrected areas: 30510218

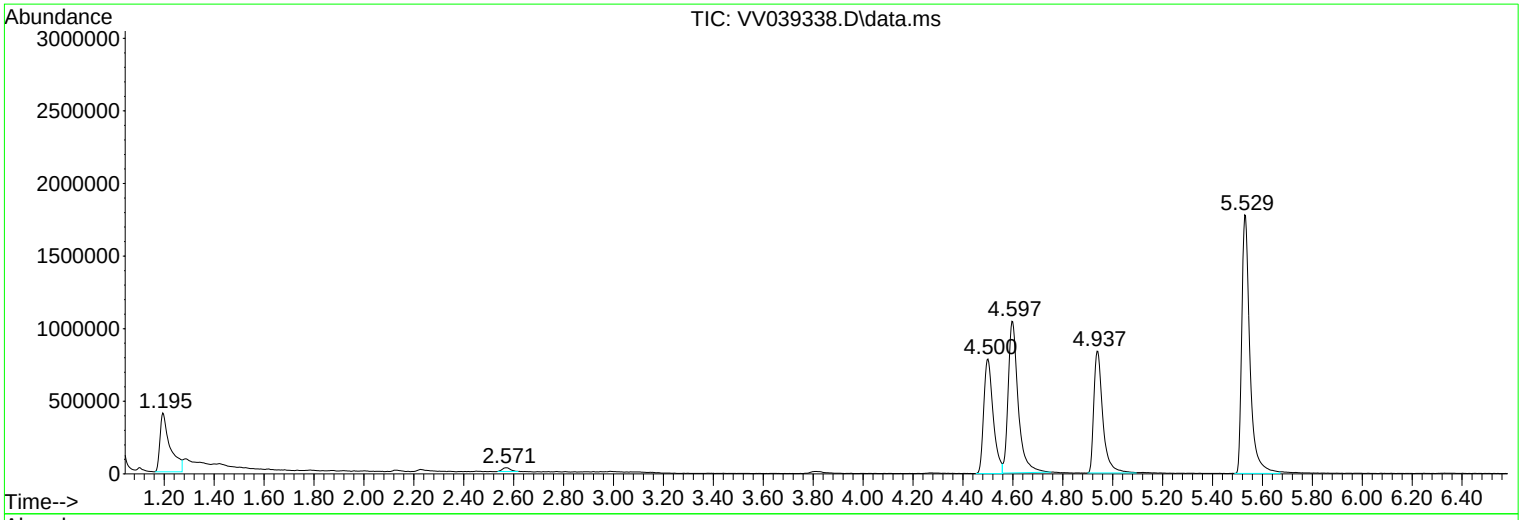
Sample Results: **VV039338.D**

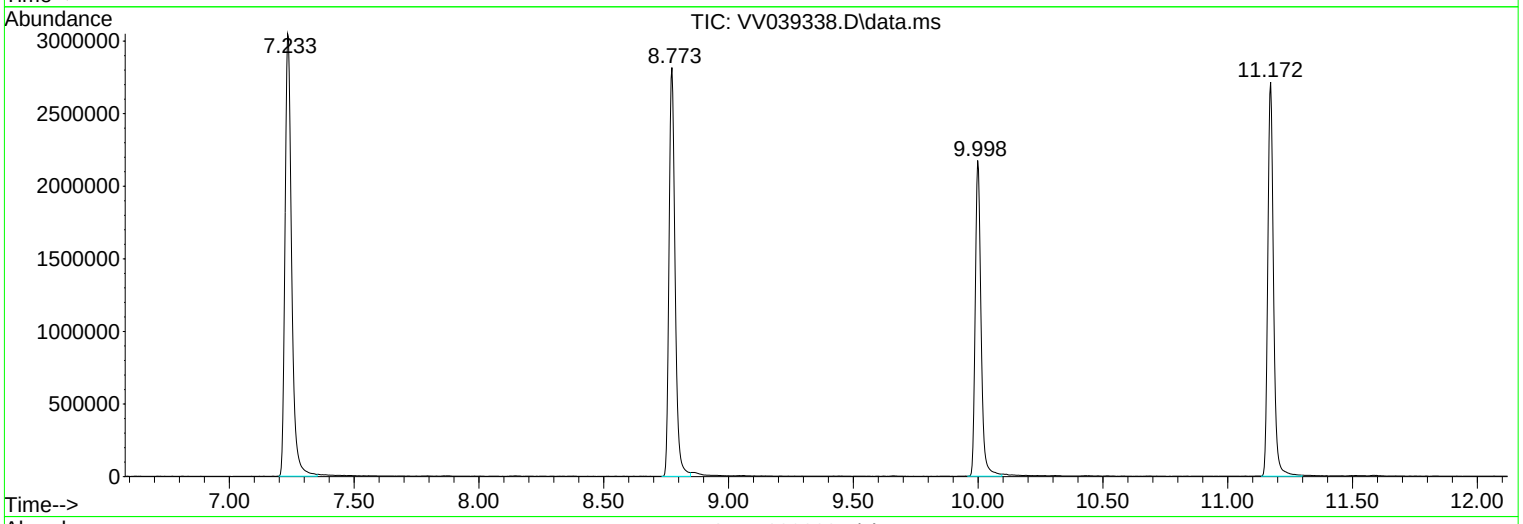
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

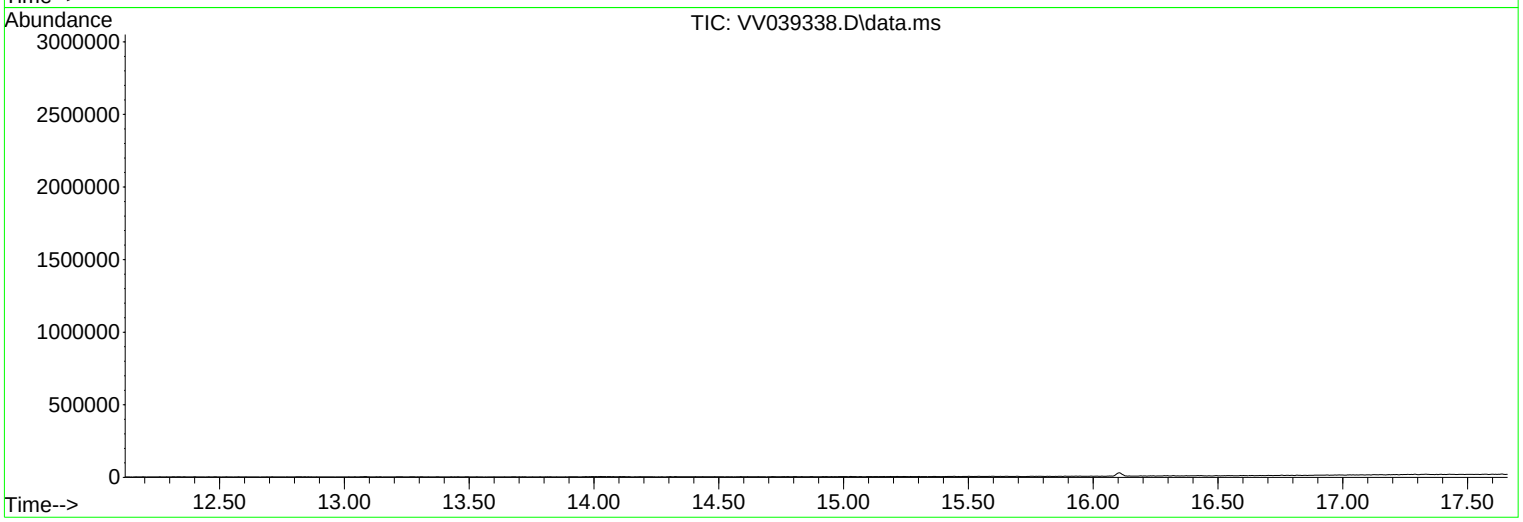
Instrument :
MSVOA_V
ClientSampleId :
MW-8

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: **VV039338.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-8

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 : VV039338.D
Acq On : 05 Nov 2025 16:13
Operator : SY/MD
Sample : Q3552-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-8

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 : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations APPROVED
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

Quant Time: Nov 06 00:17:34 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	677683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1221893	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1164477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	566941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	521425	54.149	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 108.300%			
35) Dibromofluoromethane	4.500	113	473047	49.134	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.260%			
50) Toluene-d8	7.236	98	1469972	44.881	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.760%			
62) 4-Bromofluorobenzene	9.998	95	533515	45.738	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.480%			
Target Compounds						Qvalue
6) Chloroethane	1.564	64	25937	2.480	ug/l	96
8) Diethyl Ether	1.921	74	28894	5.145	ug/l	99
11) Tert butyl alcohol	2.564	59	322362	172.741	ug/l	97
19) Methyl tert-butyl Ether	2.715	73	19561	0.711	ug/l #	76
22) Diisopropyl ether	3.223	45	9609m	0.369	ug/l	
29) Tetrahydrofuran	4.243	42	98616	26.190	ug/l	95
40) Benzene	5.011	78	587138	15.132	ug/l	99
52) Toluene	7.320	92	11156	0.476	ug/l	89
65) Chlorobenzene	8.802	112	744107	26.993	ug/l	99
68) m/p-Xylenes	9.079	106	6057	0.376	ug/l	94
69) o-Xylene	9.474	106	14029	0.986	ug/l	96
73) Isopropylbenzene	9.857	105	45797	1.330	ug/l	99
78) n-propylbenzene	10.284	91	24208	0.580	ug/l	96
88) 1,4-Dichlorobenzene	11.197	146	108124	5.118	ug/l	93

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

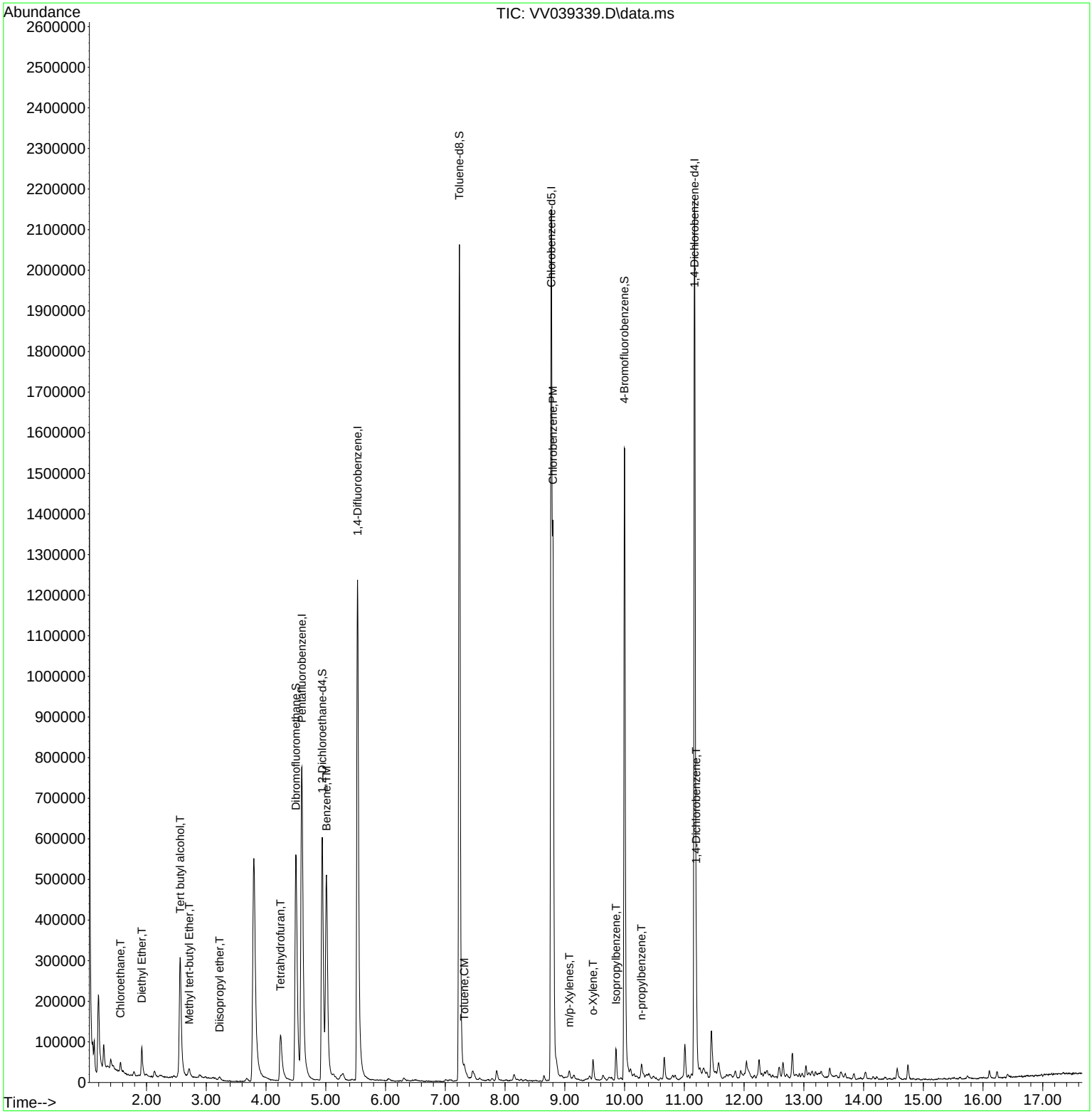
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

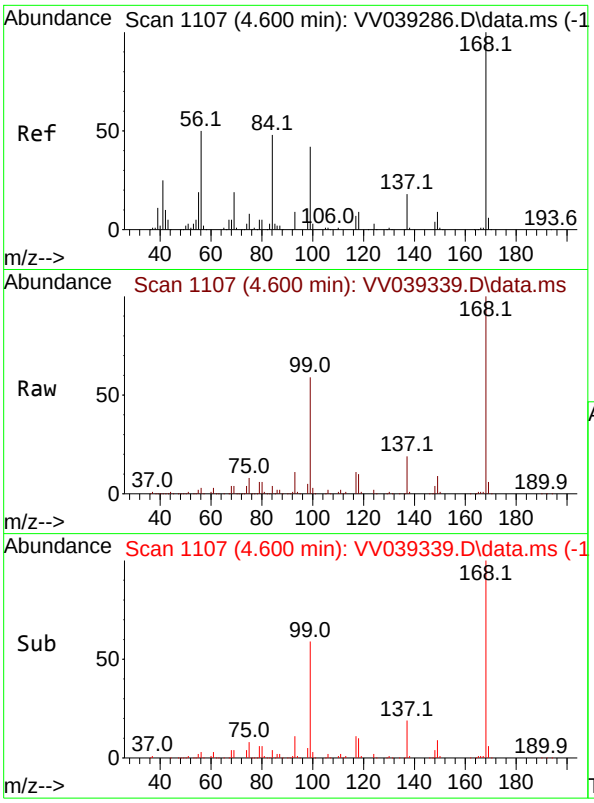
Quant Time: Nov 06 00:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

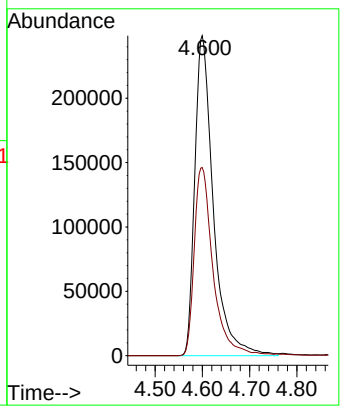




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:168 Resp: 67768

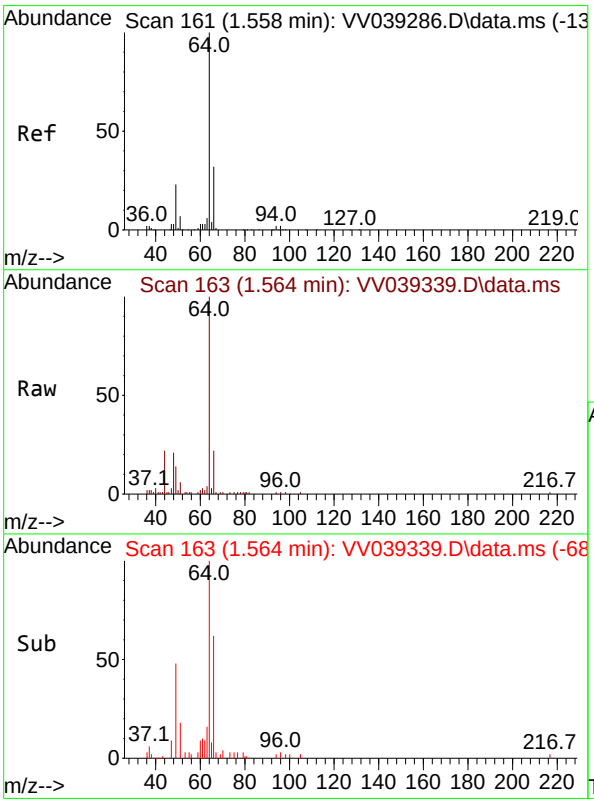
Ion	Ratio	Lower	Upper
168	100		
99	58.8	46.6	70.0



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

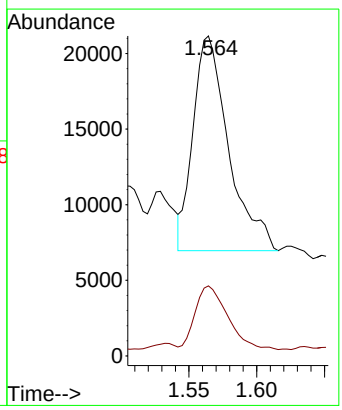
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

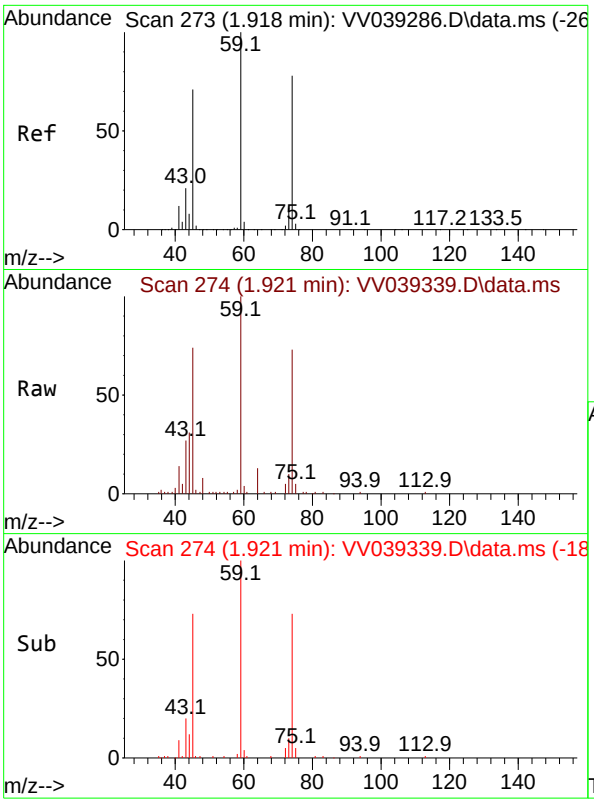


#6
Chloroethane
Concen: 2.480 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 64 Resp: 25937

Ion	Ratio	Lower	Upper
64	100		
66	29.7	25.7	38.5

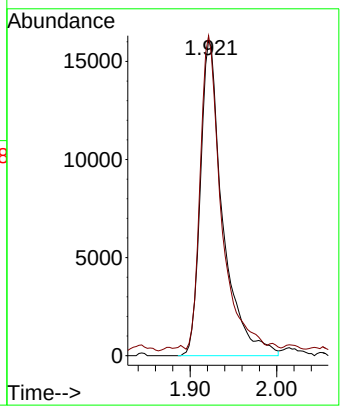




#8
Diethyl Ether
Concen: 5.145 ug/l
RT: 1.921 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 74 Resp: 2889

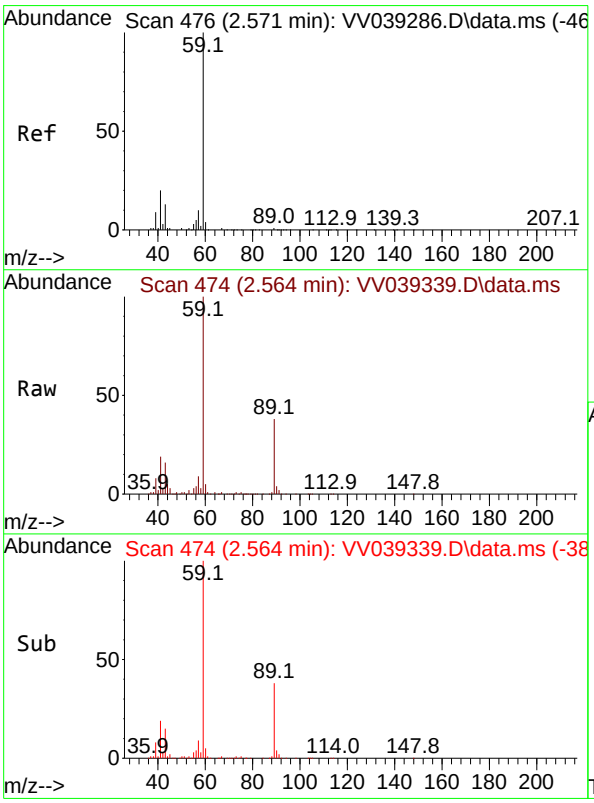
Ion	Ratio	Lower	Upper
74	100		
45	92.7	45.9	137.7



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

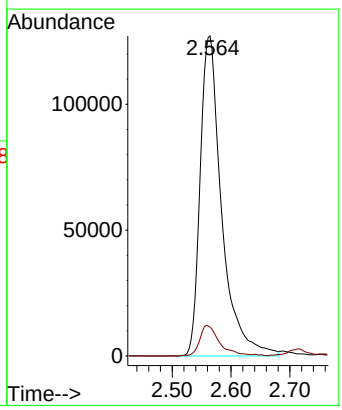
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

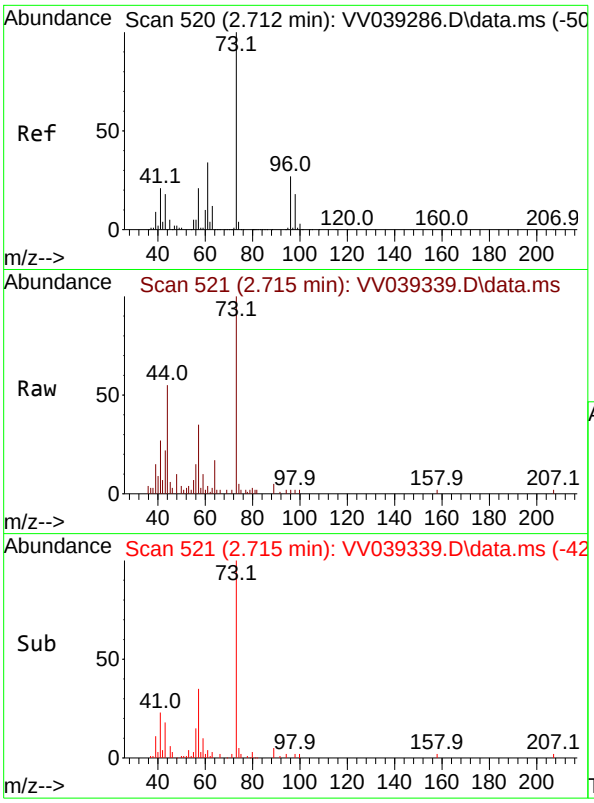


#11
Tert butyl alcohol
Concen: 172.741 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 59 Resp: 322362

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.1	12.1

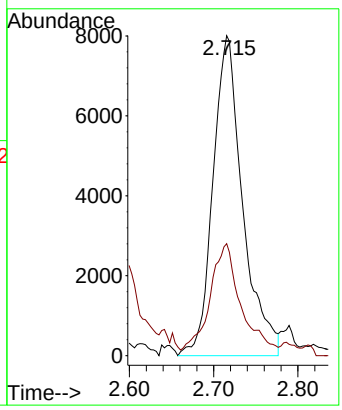




#19
Methyl tert-butyl Ether
Concen: 0.711 ug/l
RT: 2.715 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 73 Resp: 1956

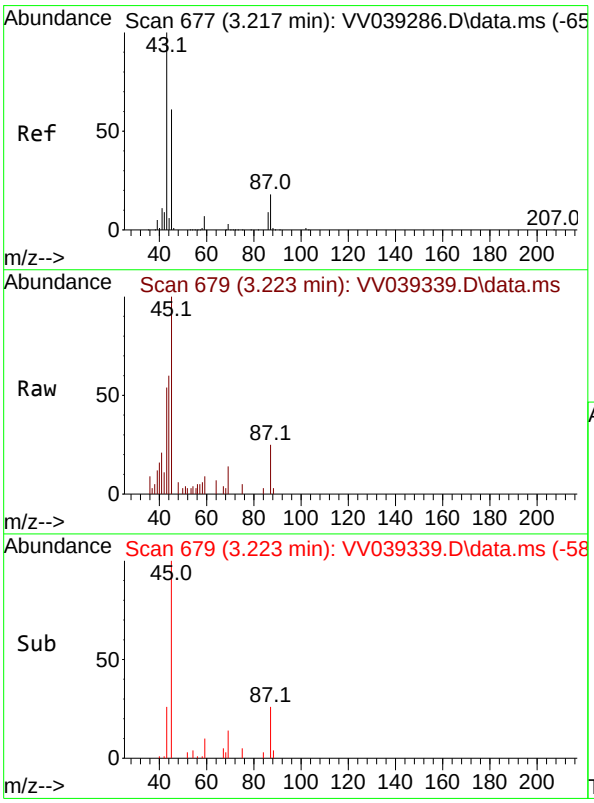
Ion	Ratio	Lower	Upper
73	100		
57	32.4	17.0	25.6#



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

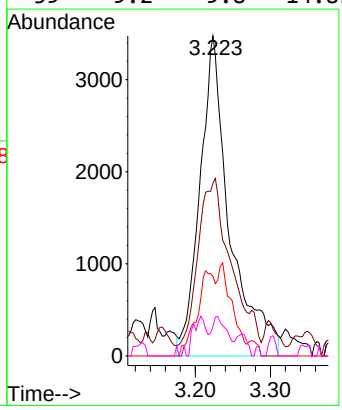
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

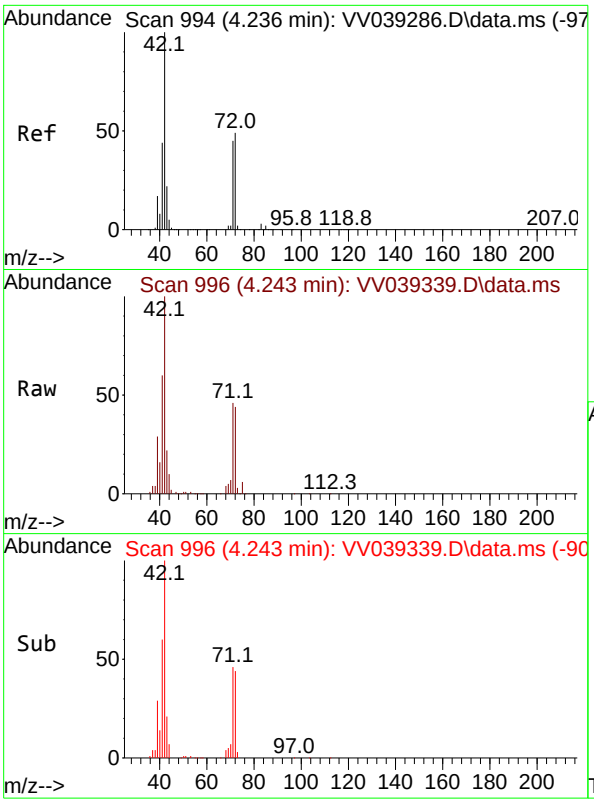


#22
Diisopropyl ether
Concen: 0.369 ug/l m
RT: 3.223 min Scan# 679
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 45 Resp: 9609

Ion	Ratio	Lower	Upper
45	100		
43	53.9	130.8	196.2#
87	24.9	23.8	35.8
59	9.2	9.8	14.8#





#29
Tetrahydrofuran
Concen: 26.190 ug/l
RT: 4.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

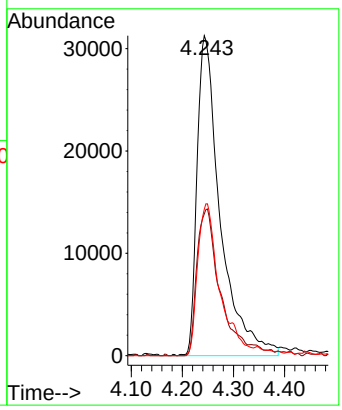
Tgt Ion: 42 Resp: 9861

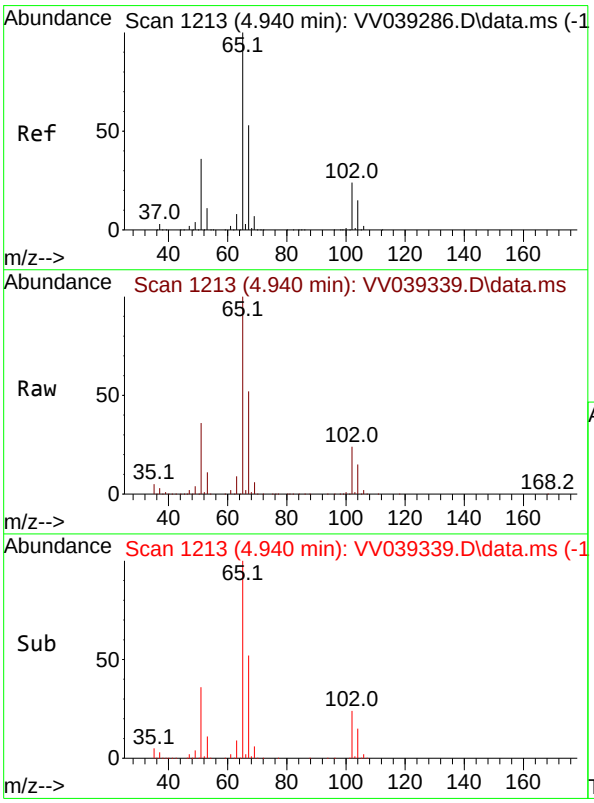
Ion	Ratio	Lower	Upper
42	100		
72	44.5	39.8	59.8
71	44.9	36.5	54.7

Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

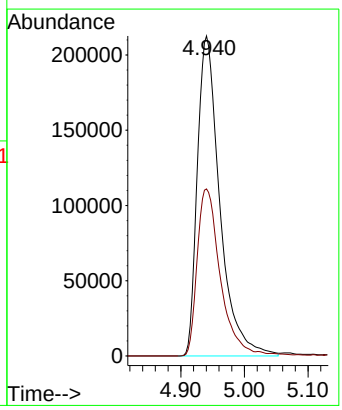


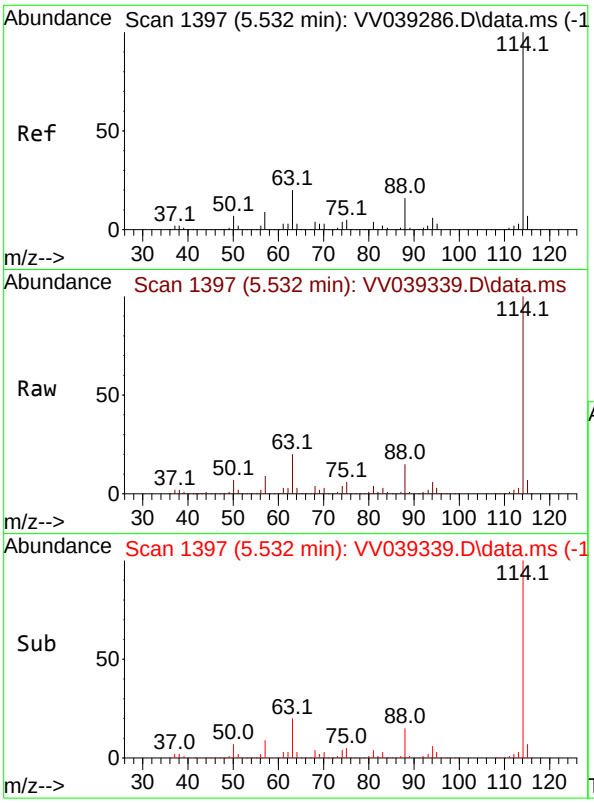


#33
1,2-Dichloroethane-d4
Concen: 54.149 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 65 Resp: 521425

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.4

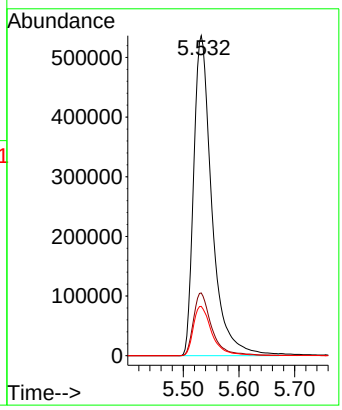




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:114 Resp: 122189

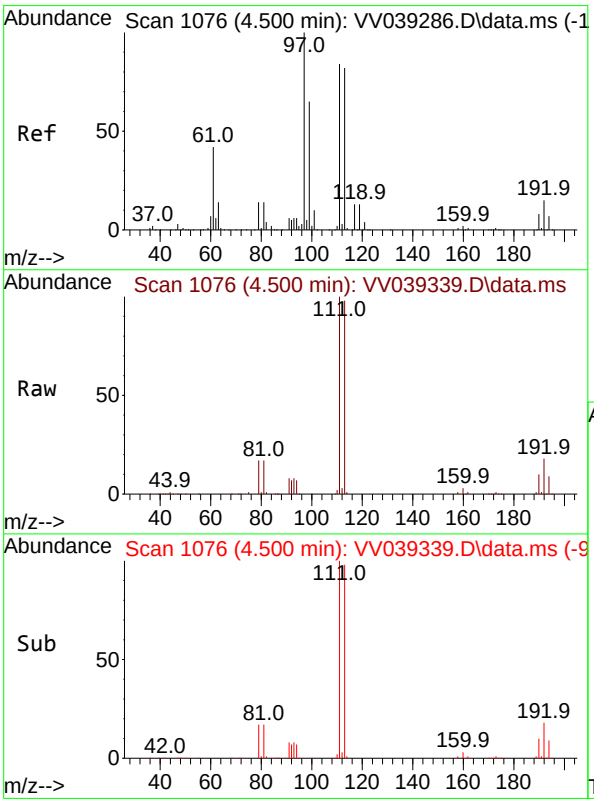
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.4	0.0	31.6



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

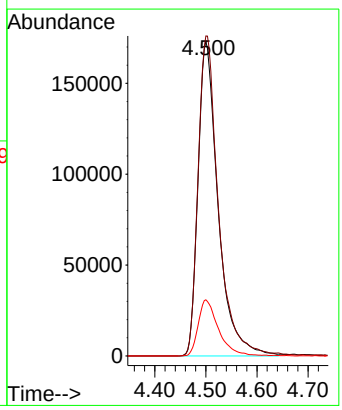
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

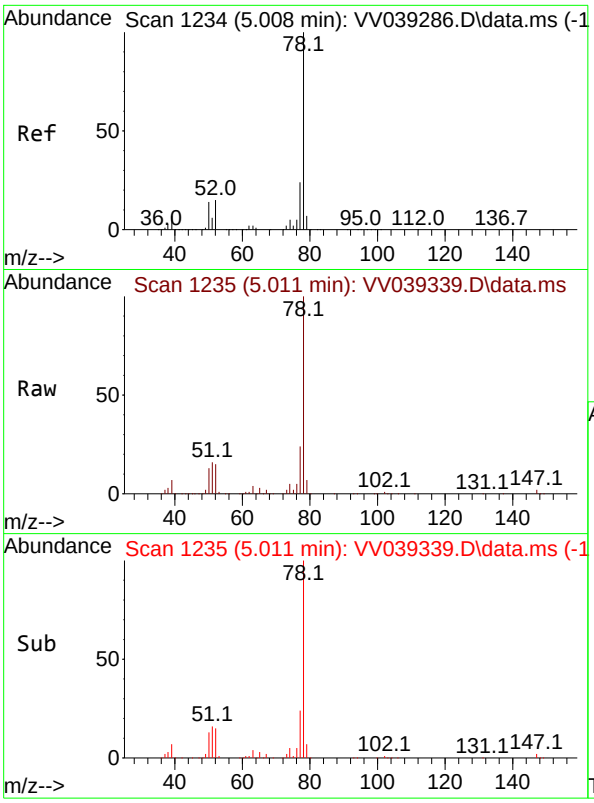


#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:113 Resp: 473047

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.0	14.3	21.5

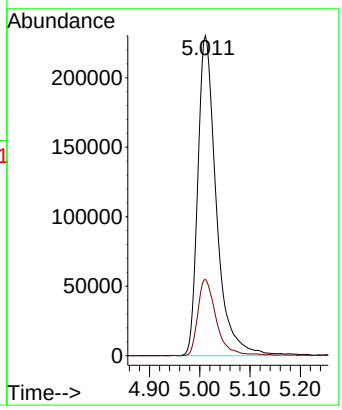




#40
Benzene
Concen: 15.132 ug/l
RT: 5.011 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 78 Resp: 58713

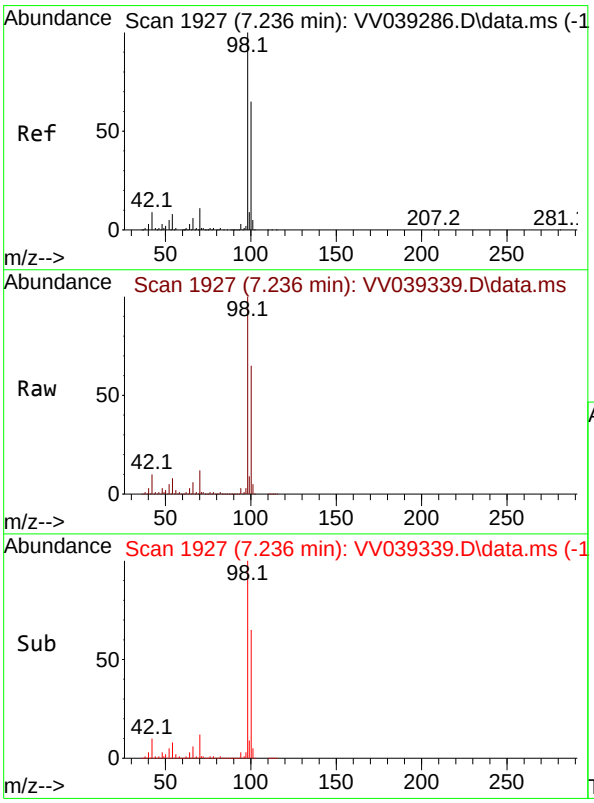
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

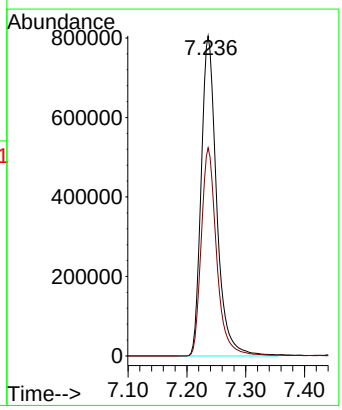
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

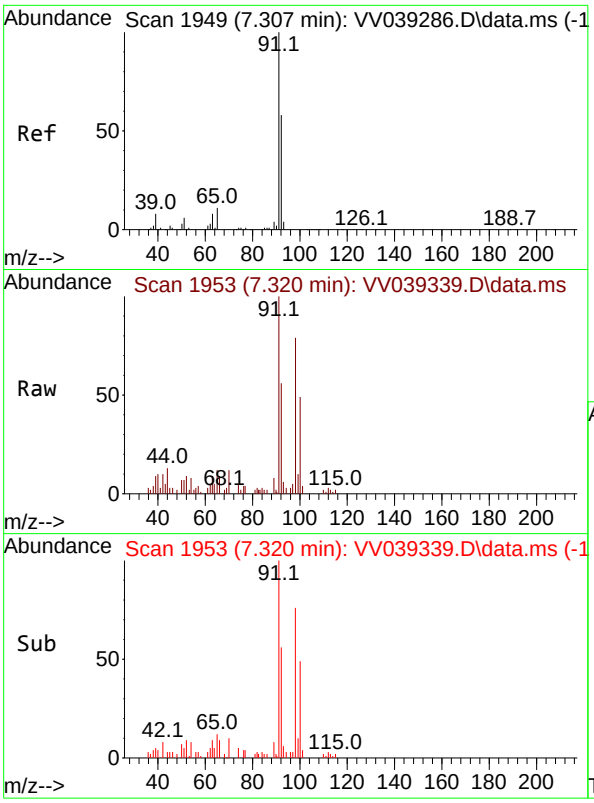


#50
Toluene-d8
Concen: 44.881 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 98 Resp: 1469972

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





#52
Toluene
Concen: 0.476 ug/l
RT: 7.320 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

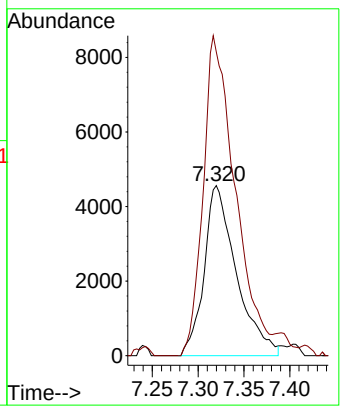
Tgt Ion: 92 Resp: 1115

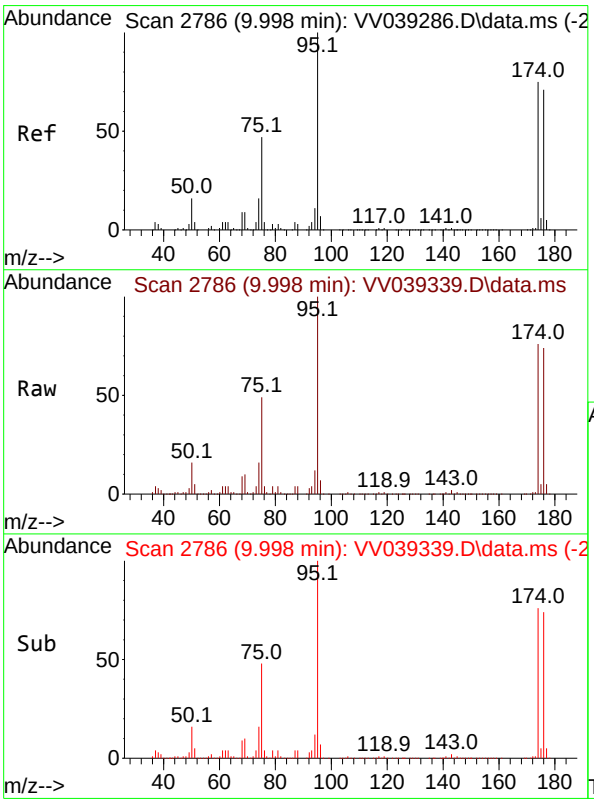
Ion	Ratio	Lower	Upper
92	100		
91	187.3	137.3	205.9

Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

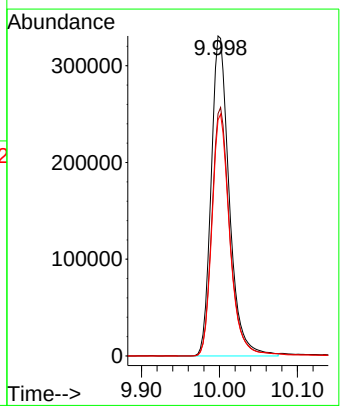


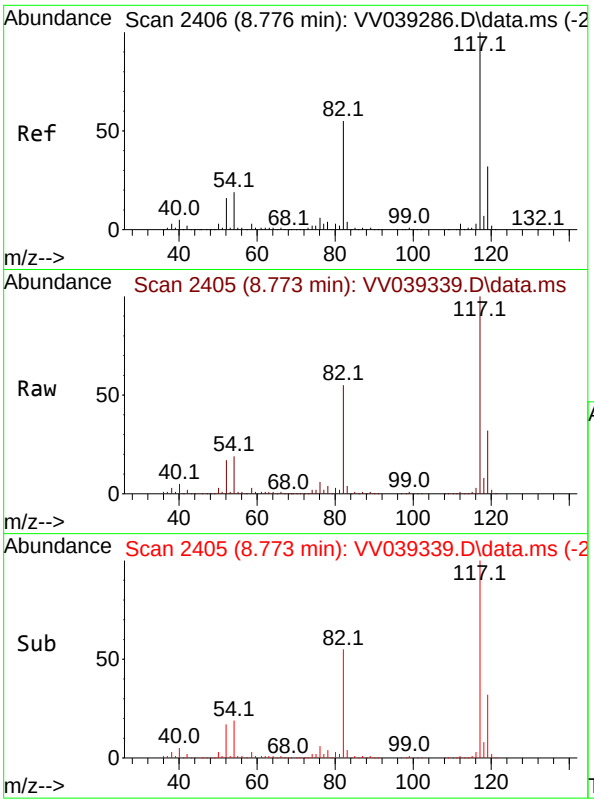


#62
4-Bromofluorobenzene
Concen: 45.738 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 95 Resp: 533515

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	153.6
176	74.6	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: VV039339.D
Acq: 05 Nov 2025 16:35

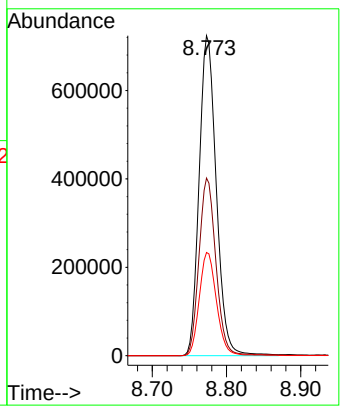
Tgt Ion:117 Resp: 116447

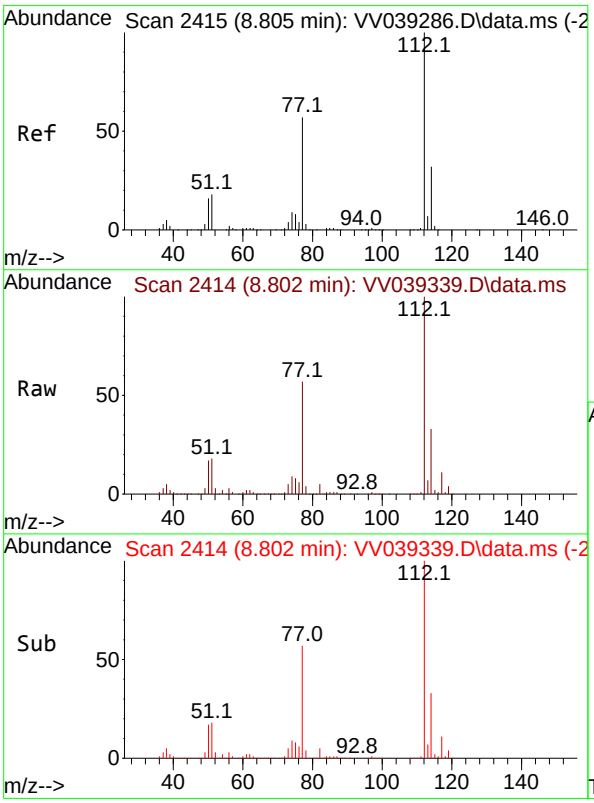
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	32.3	25.8	38.6

Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

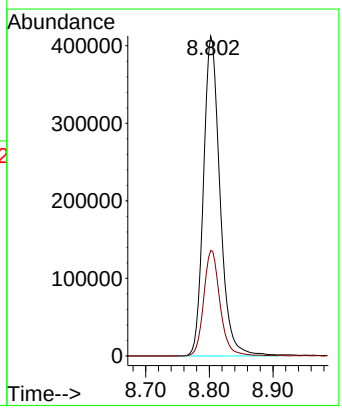


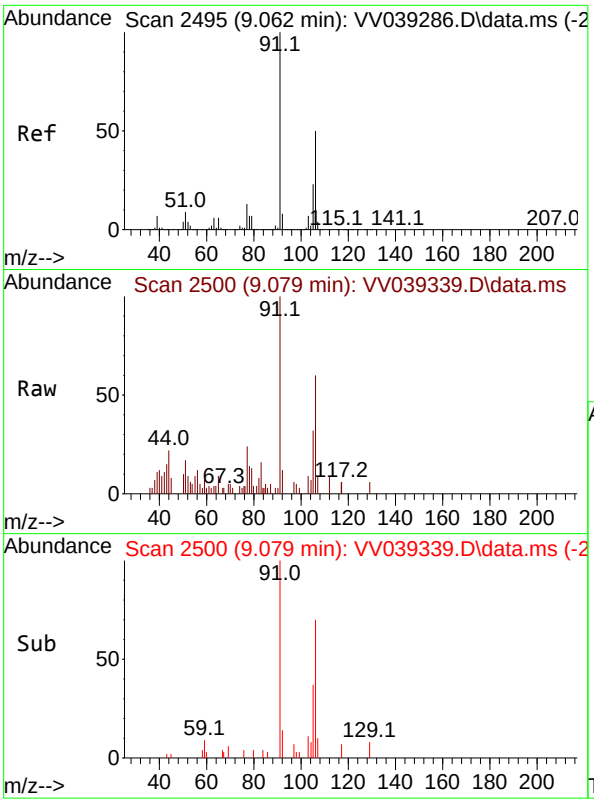


#65
Chlorobenzene
Concen: 26.993 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:112 Resp: 744107

Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.7	38.5

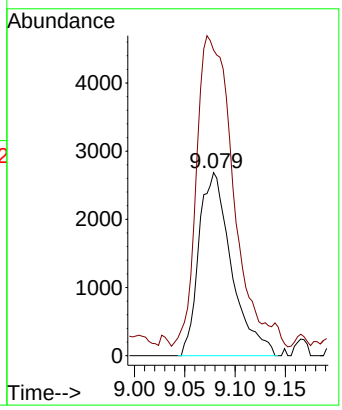




#68
m/p-Xylenes
Concen: 0.376 ug/l
RT: 9.079 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:106 Resp: 605

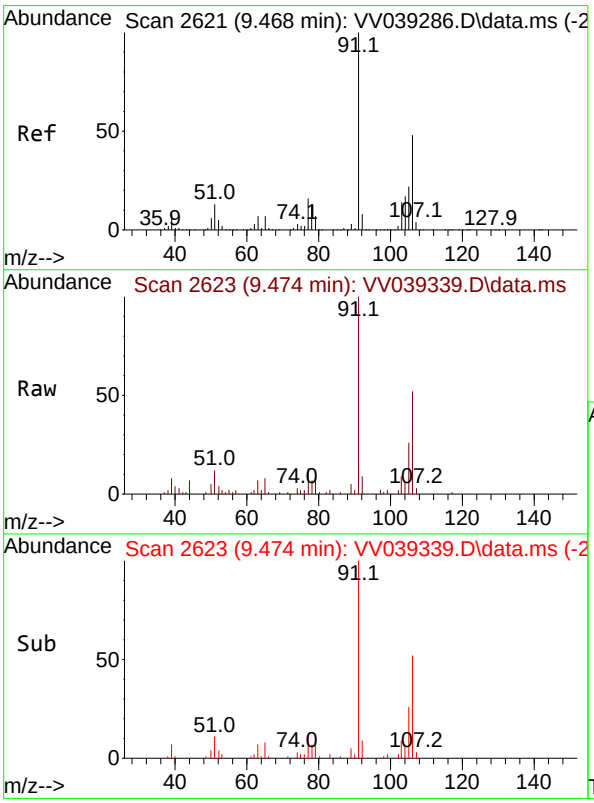
Ion	Ratio	Lower	Upper
106	100		
91	191.3	160.2	240.2



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

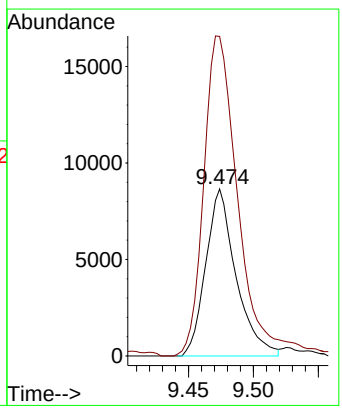
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

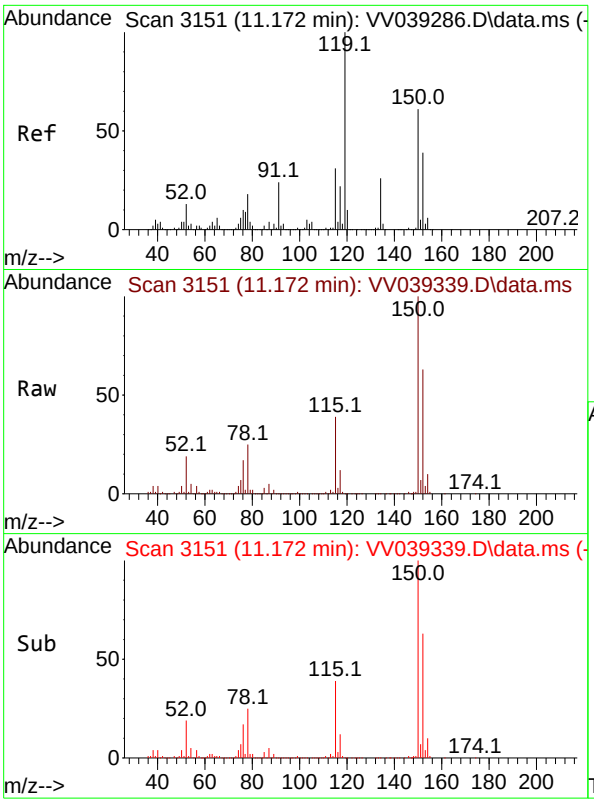


#69
o-Xylene
Concen: 0.986 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:106 Resp: 14029

Ion	Ratio	Lower	Upper
106	100		
91	217.7	105.8	317.3

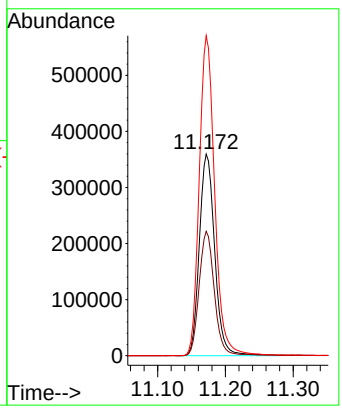




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:152 Resp: 56694

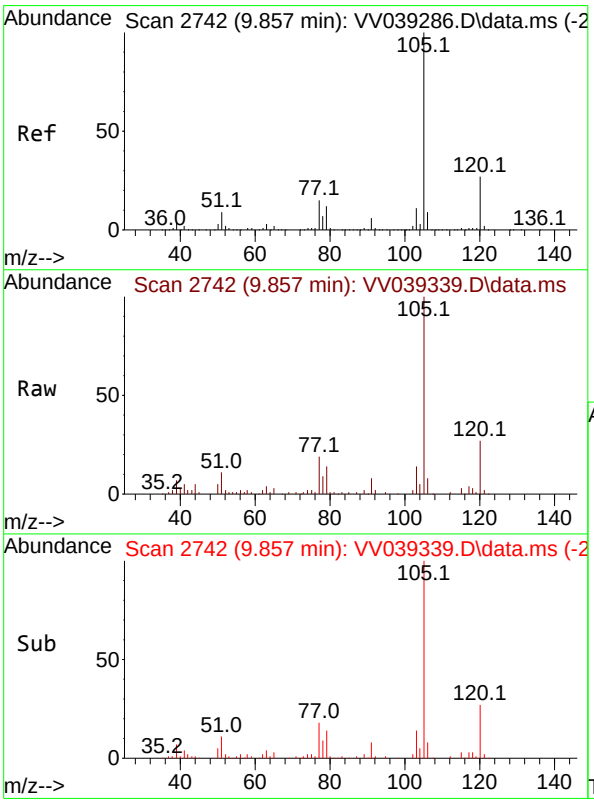
Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.3	126.8
150	159.2	0.0	348.0



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

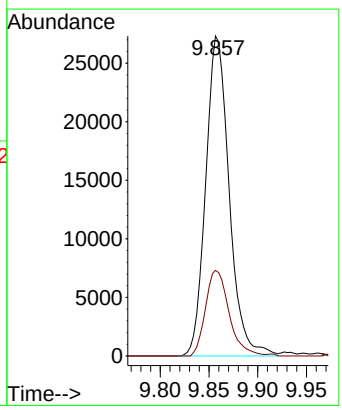
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025

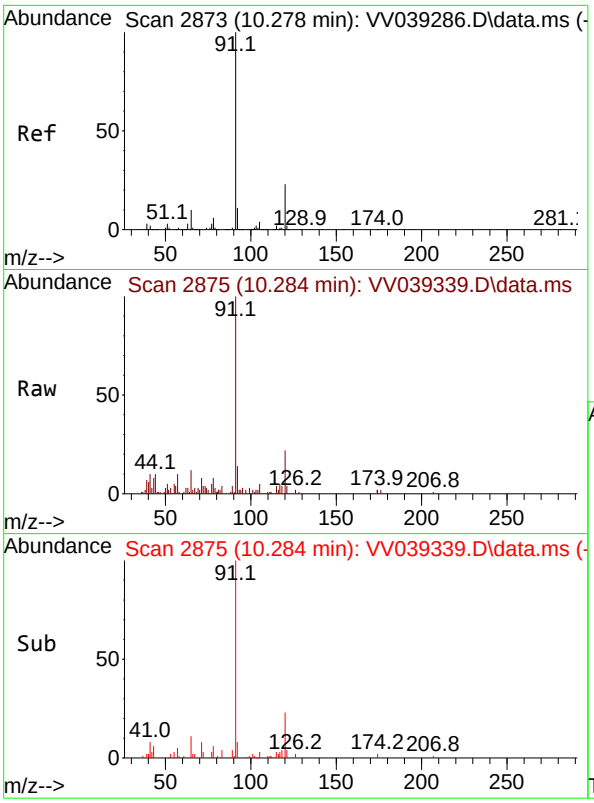


#73
Isopropylbenzene
Concen: 1.330 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:105 Resp: 45797

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.2	39.5

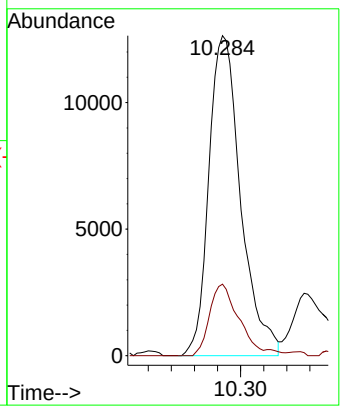




#78
n-propylbenzene
Concen: 0.580 ug/l
RT: 10.284 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 91 Resp: 2420

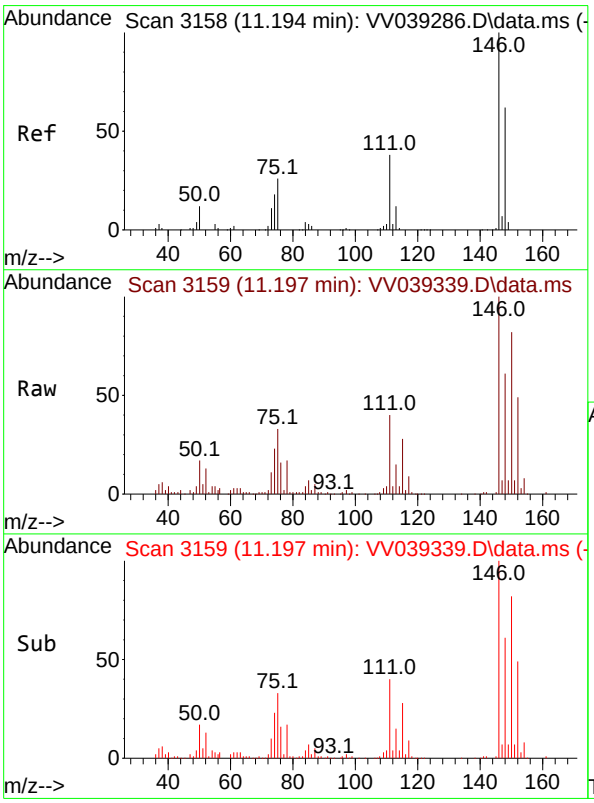
Ion	Ratio	Lower	Upper
91	100		
120	21.0	11.5	34.5



Instrument :
MSVOA_V
ClientSampleId :
MW-9

Manual Integrations
APPROVED

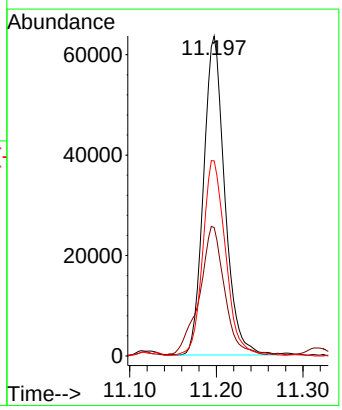
Reviewed By :Amit Patel 11/06/2025
Supervised By :Mahesh Dadoda 11/06/2025



#88
1,4-Dichlorobenzene
Concen: 5.118 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:146 Resp: 108124

Ion	Ratio	Lower	Upper
146	100		
111	47.6	19.7	59.0
148	65.6	31.5	94.5



LSC Area Percent Report

Sample Results: **VV039339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-9

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: VV039339.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	23	27	38	rVB	78622	93613	2.48%	0.335%
2	1.195	39	48	68	rBV2	189168	413767	10.95%	1.482%
3	1.281	70	75	89	rVB2	55589	88700	2.35%	0.318%
4	1.921	266	274	291	rBV	69459	115181	3.05%	0.413%
5	2.564	459	474	502	rBV3	291338	715225	18.92%	2.562%
6	3.796	836	857	895	rBV	548755	1832012	48.47%	6.561%
7	4.243	985	996	1028	rBV3	111135	345399	9.14%	1.237%
8	4.500	1061	1076	1095	rBV	555189	1464092	38.74%	5.244%
9	4.600	1095	1107	1156	rVB	768573	2133889	56.46%	7.643%
10	4.940	1201	1213	1225	rBV	597905	1358729	35.95%	4.866%
11	5.011	1226	1235	1266	rVB	495844	1253246	33.16%	4.489%
12	5.532	1384	1397	1438	rBV	1232453	2821988	74.67%	10.107%
13	7.236	1915	1927	1949	rBV	2058593	3779369	100.00%	13.536%
14	7.860	2110	2121	2134	rBV	24289	49588	1.31%	0.178%
15	8.773	2393	2405	2411	rBV	2145699	3622965	95.86%	12.976%
16	9.471	2614	2622	2642	rVB2	50123	88591	2.34%	0.317%
17	9.857	2732	2742	2755	rBV	76661	127124	3.36%	0.455%
18	9.998	2776	2786	2811	rBV	1555063	2561603	67.78%	9.175%
19	10.284	2865	2875	2892	rBV	33948	76798	2.03%	0.275%
20	10.667	2984	2994	3007	rBV	52604	88795	2.35%	0.318%
21	11.011	3086	3101	3113	rBV5	80337	137943	3.65%	0.494%
22	11.172	3140	3151	3175	rBV	2158258	3765948	99.64%	13.488%
23	11.455	3229	3239	3255	rBV2	114642	239107	6.33%	0.856%
24	11.574	3269	3276	3295	rVB8	38491	91004	2.41%	0.326%
25	11.943	3384	3391	3405	rBV4	17109	37935	1.00%	0.136%
26	12.040	3413	3421	3446	rVB3	37827	100651	2.66%	0.360%
27	12.252	3472	3487	3498	rBV3	43832	92756	2.45%	0.332%
28	12.590	3581	3592	3602	rBV3	26587	54600	1.44%	0.196%
29	12.651	3603	3611	3624	rVB2	35162	61958	1.64%	0.222%
30	12.808	3646	3660	3670	rBV4	61009	112635	2.98%	0.403%
31	13.037	3723	3731	3739	rBV6	26929	43287	1.15%	0.155%
32	14.033	4025	4041	4050	rBV6	17558	38837	1.03%	0.139%
33	14.564	4196	4206	4224	rVB	25335	47579	1.26%	0.170%
34	14.744	4251	4262	4275	rBV2	36374	65910	1.74%	0.236%

Sum of corrected areas: 27920824

Instrument :
MSVOA_V
ClientSampleId :
MW-9

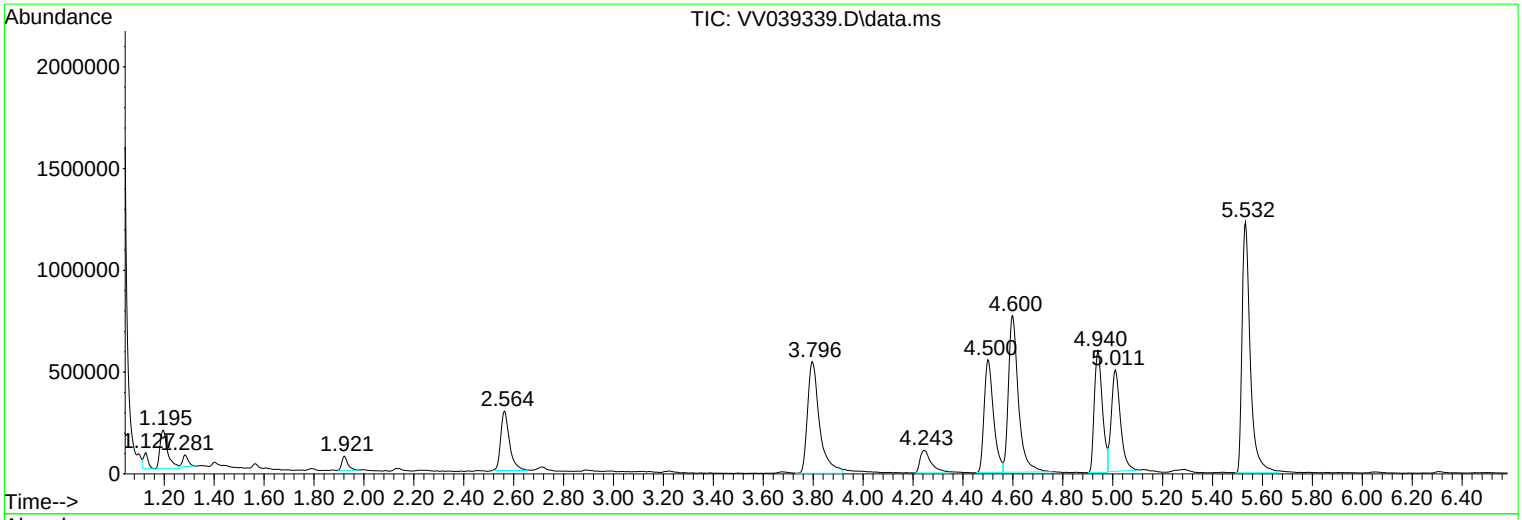
Sample Results: **VV039339.D**

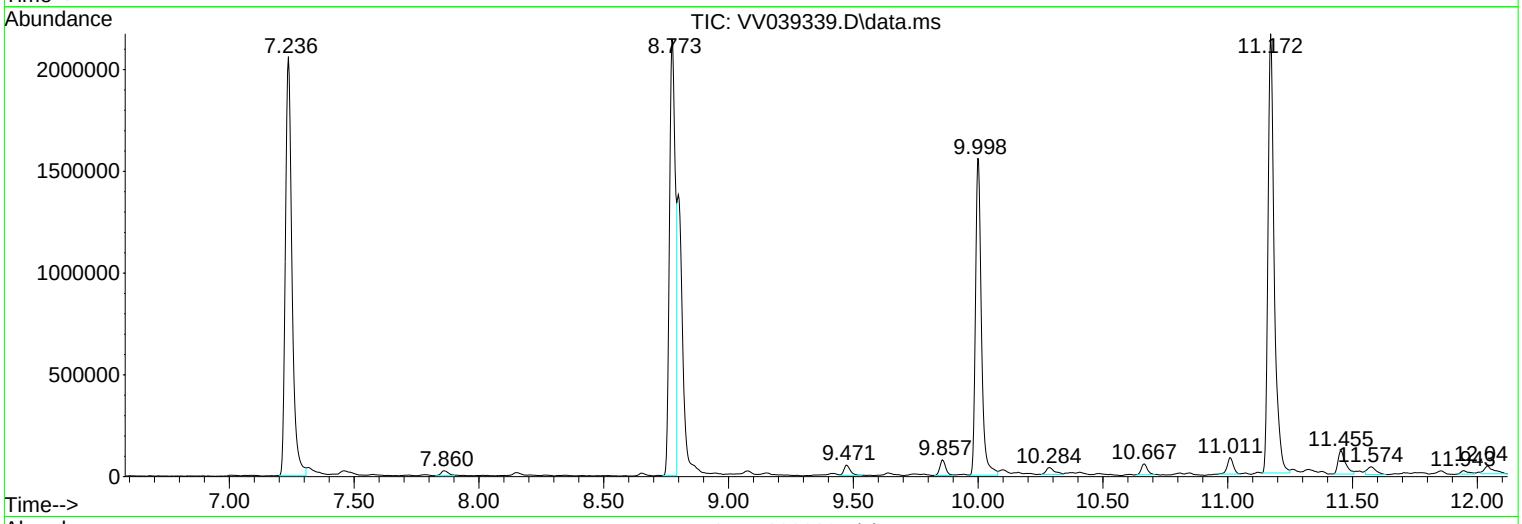
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

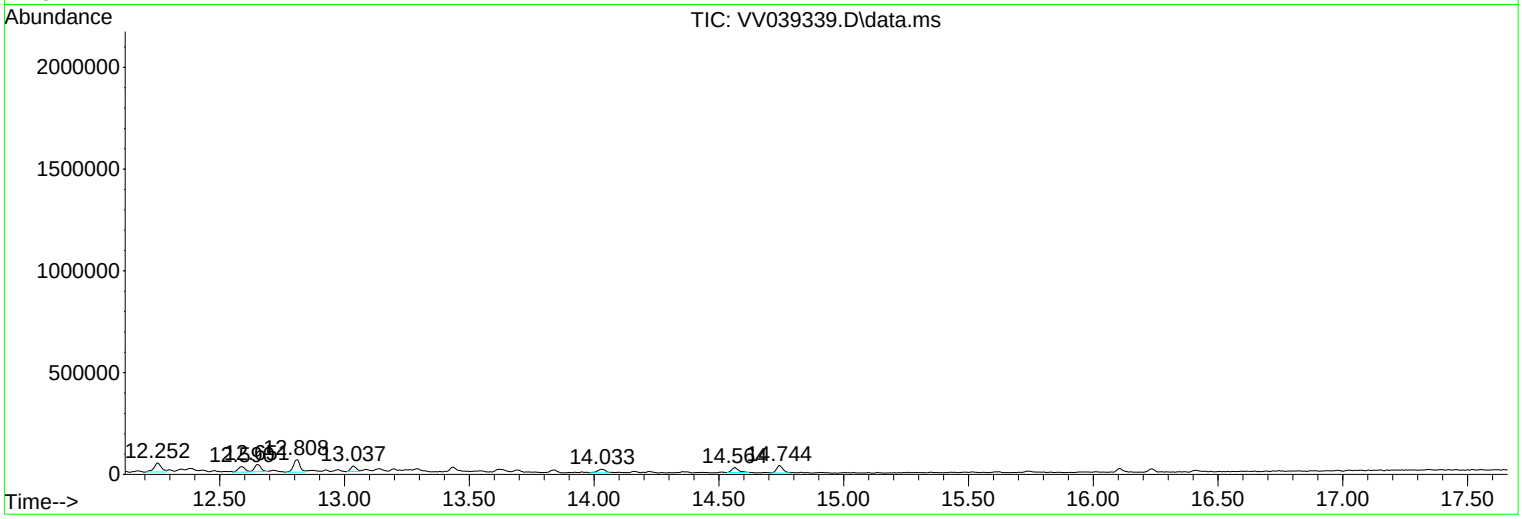
Instrument :
MSVOA_V
ClientSampleId :
MW-9

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







Sample Results: **VV039339.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-9

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 : VV039339.D
Acq On : 05 Nov 2025 16:35
Operator : SY/MD
Sample : Q3552-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-9

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\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Quant Time: Nov 06 00:18:14 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	602545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1106968	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	465301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	487765	56.970	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 113.940%			
35) Dibromofluoromethane	4.500	113	437090	50.113	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.220%			
50) Toluene-d8	7.236	98	1353951	45.630	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.260%			
62) 4-Bromofluorobenzene	9.998	95	444508	42.064	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 84.120%#			

Target Compounds Qvalue

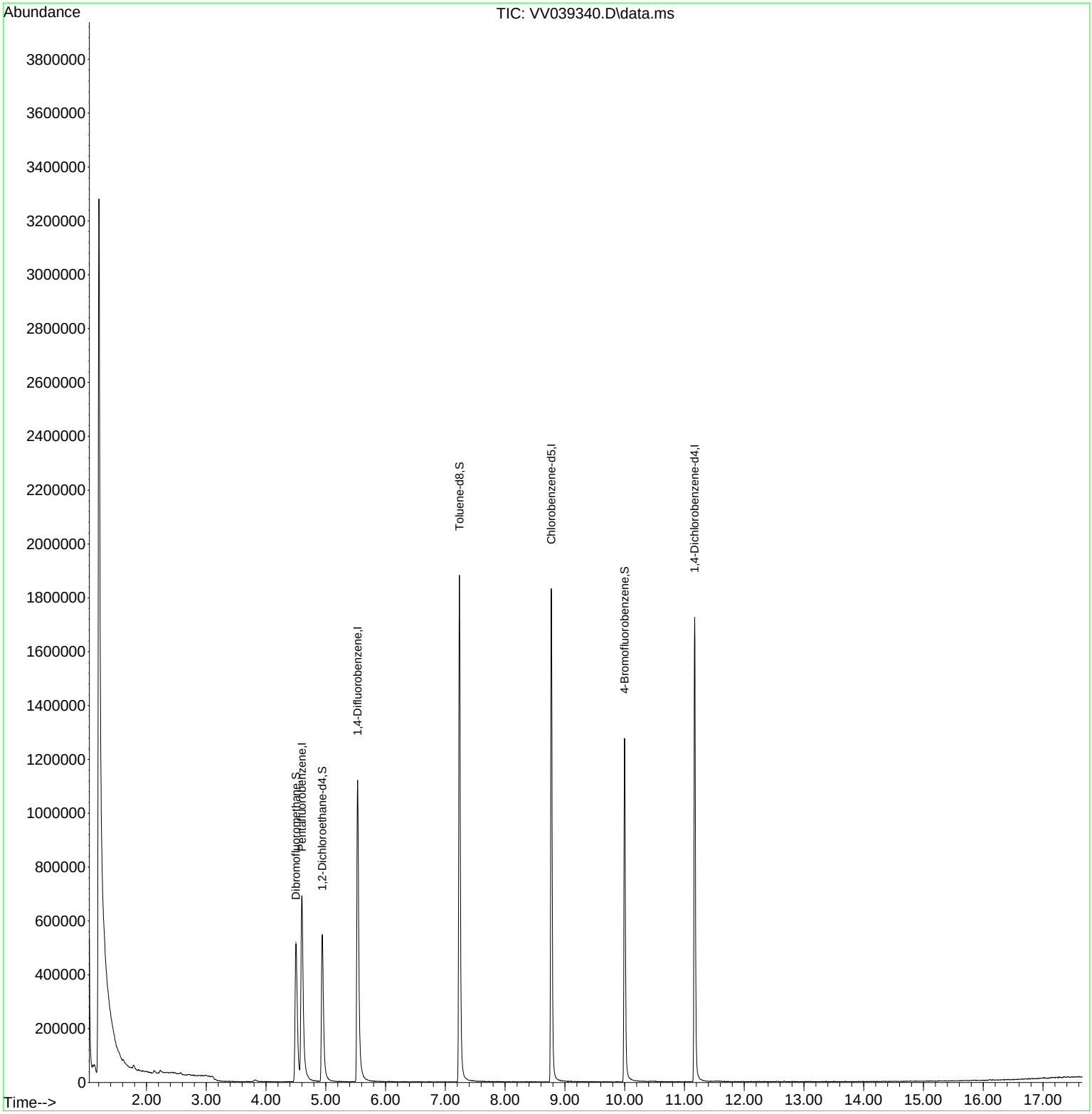
(#) = qualifier out of range (m) = manual integration (+) = signals summed

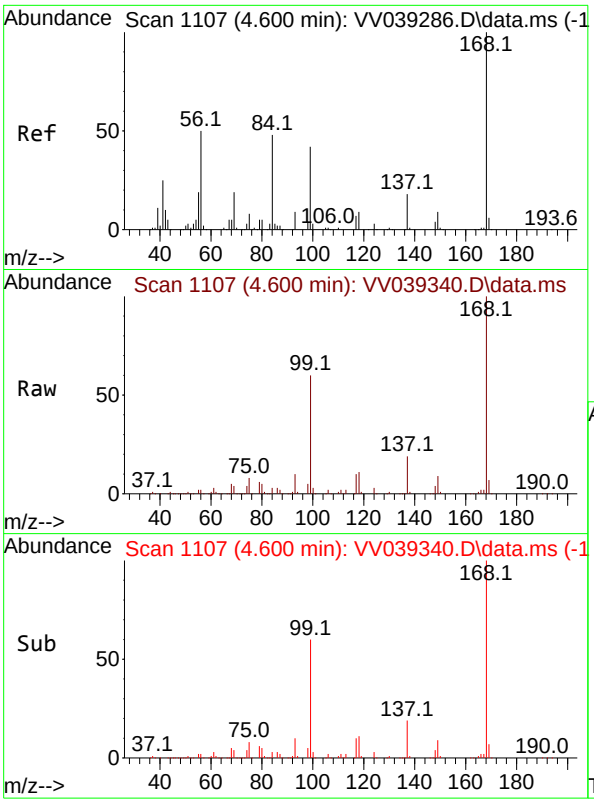
Sample Results: **VV039340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Quant Time: Nov 06 00:18:14 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



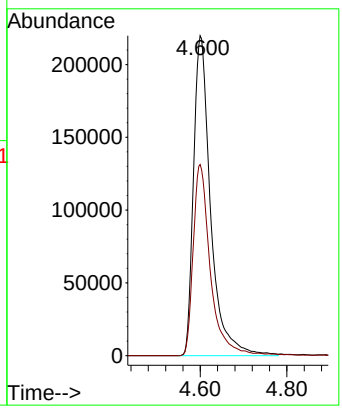


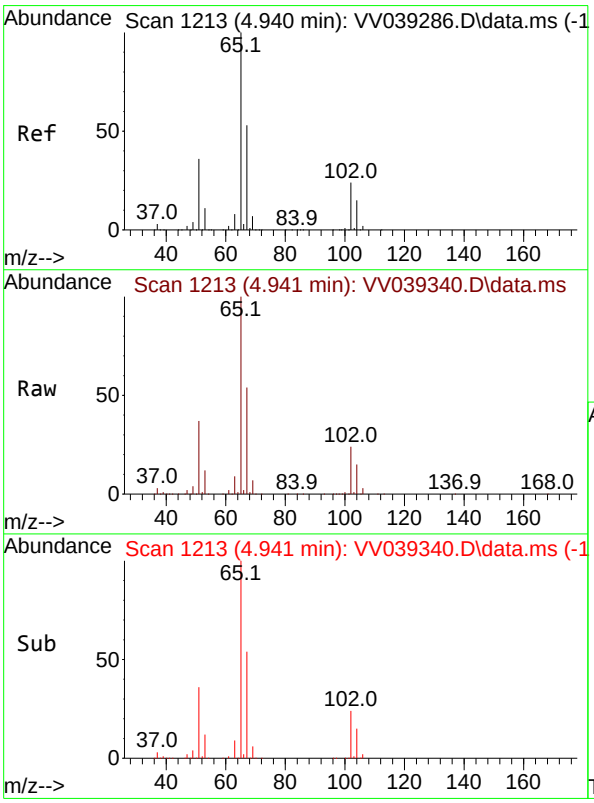
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Tgt Ion:168 Resp: 602545

Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.6	70.0

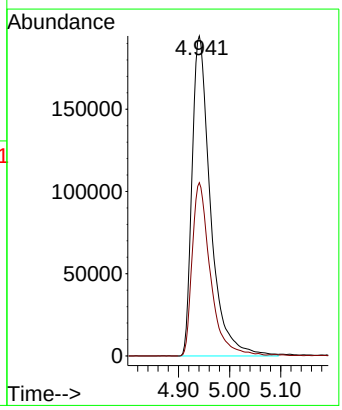


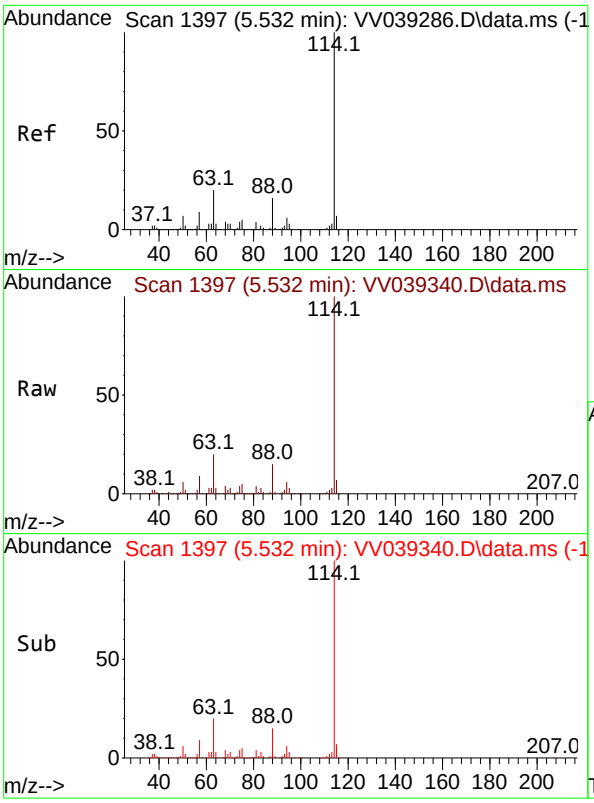


#33
1,2-Dichloroethane-d4
Concen: 56.970 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 65 Resp: 487765

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.4



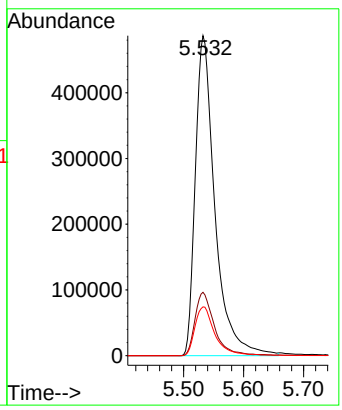


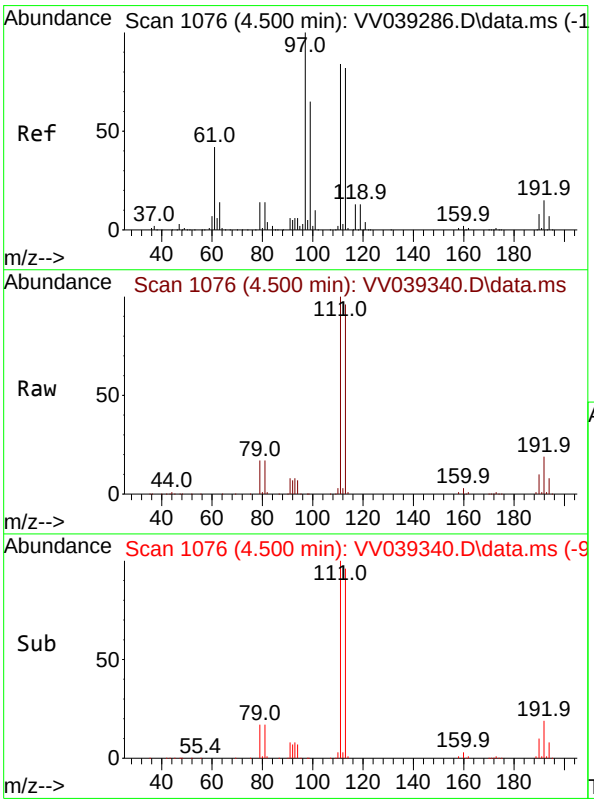
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Tgt Ion:114 Resp: 1106968

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.3	0.0	31.6

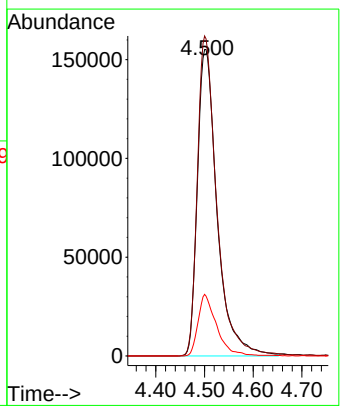


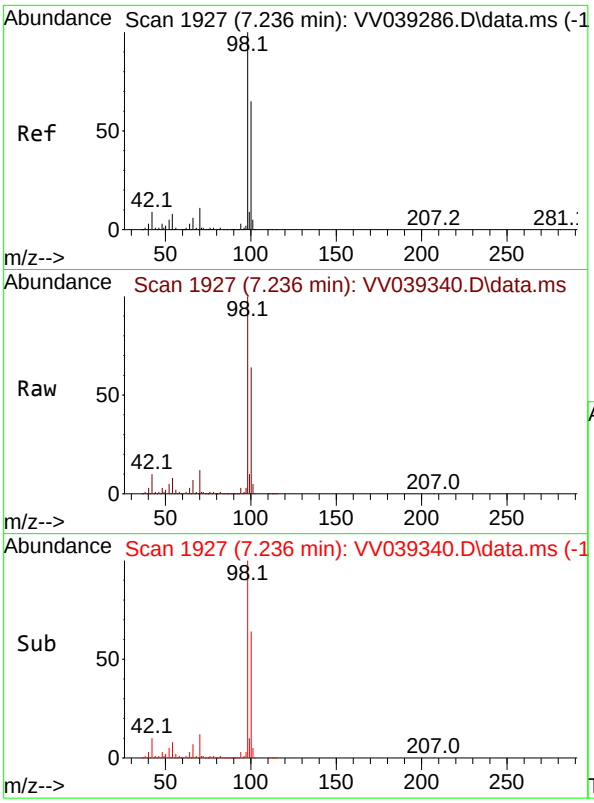


#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:113 Resp: 437090

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.8	14.3	21.5



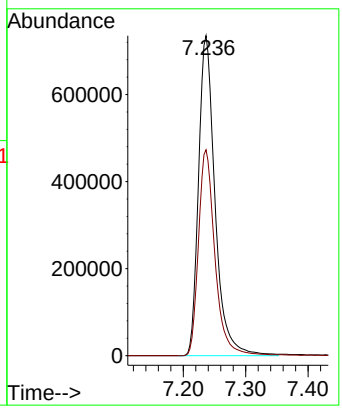


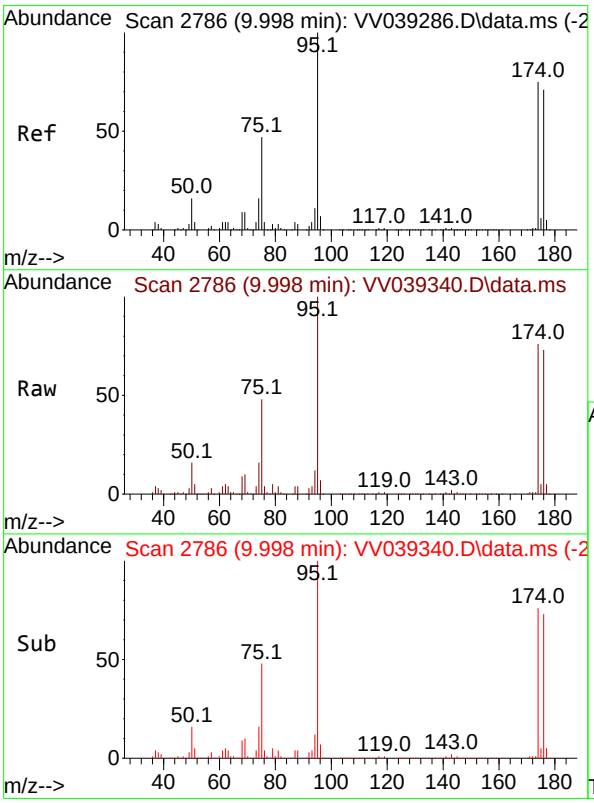
#50
Toluene-d8
Concen: 45.630 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Tgt Ion: 98 Resp: 1353951

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2

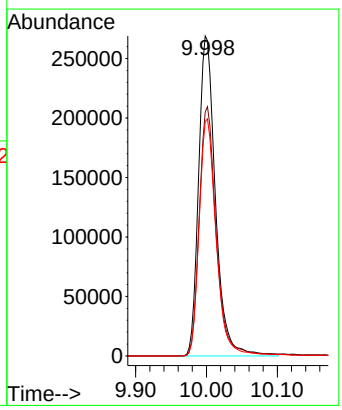


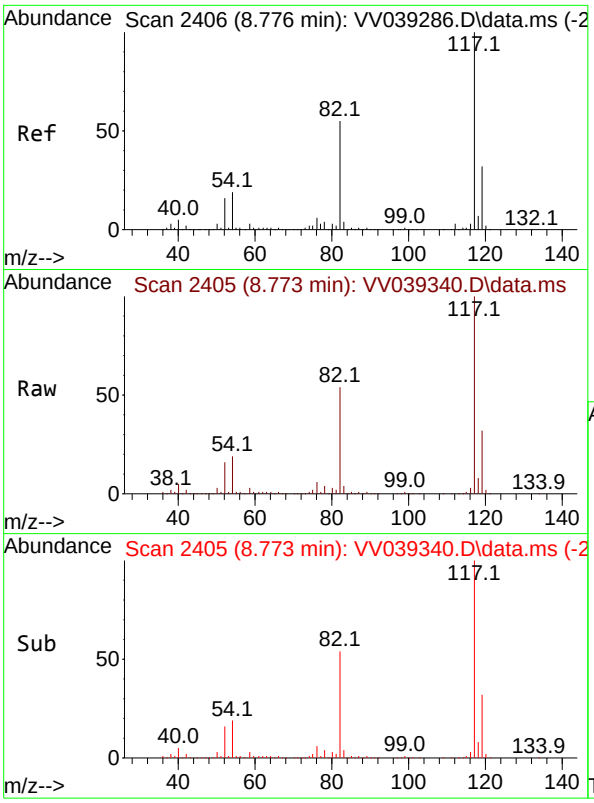


#62
4-Bromofluorobenzene
Concen: 42.064 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 95 Resp: 444508

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	153.6
176	74.3	0.0	146.0



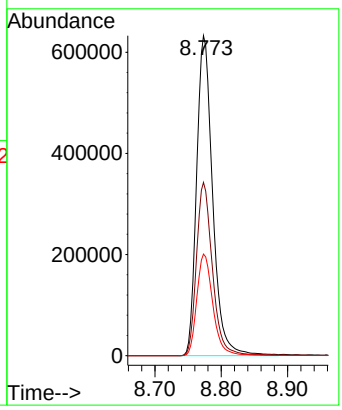


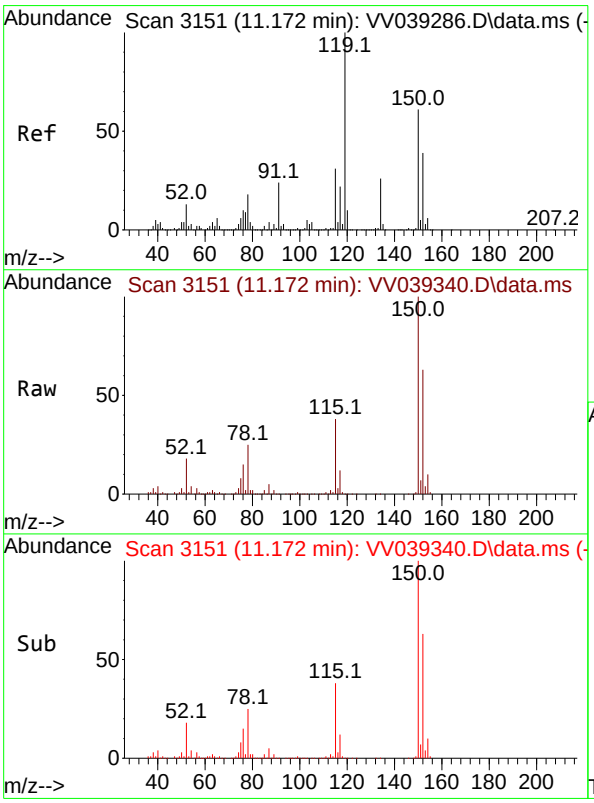
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Tgt Ion:117 Resp: 1064655

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	31.7	25.8	38.6

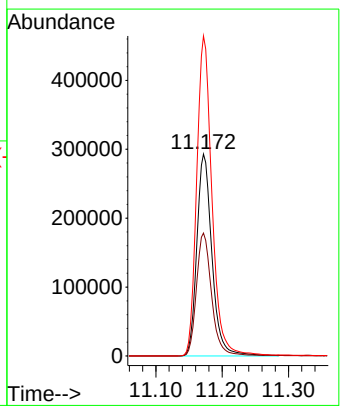




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:152 Resp: 465301

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.3	126.8
150	159.2	0.0	348.0



Sample Results: **VV039340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-10

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: VV039340.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	39	51	172	rBV	3244662	12724685	100.00%	40.367%
2	4.500	1057	1076	1095	rBV	512363	1358322	10.67%	4.309%
3	4.600	1095	1107	1156	rVB	687214	1909238	15.00%	6.057%
4	4.941	1201	1213	1242	rBV	543283	1356881	10.66%	4.304%
5	5.532	1385	1397	1445	rBV	1119877	2601554	20.44%	8.253%
6	7.236	1914	1927	1977	rBV	1882419	3537890	27.80%	11.223%
7	8.773	2390	2405	2433	rBV	1832100	3107042	24.42%	9.857%
8	9.998	2776	2786	2818	rBV	1275958	2153207	16.92%	6.831%
9	11.172	3140	3151	3182	rBV	1725175	2773660	21.80%	8.799%

Sum of corrected areas: 31522479

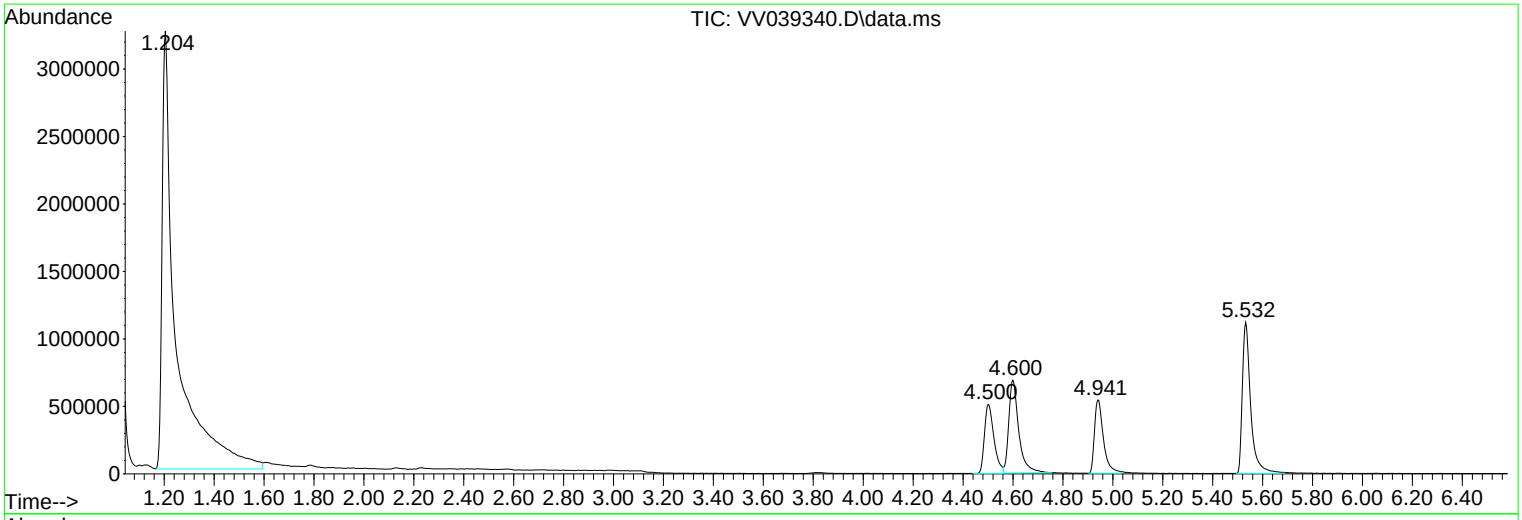
Sample Results: **VV039340.D**

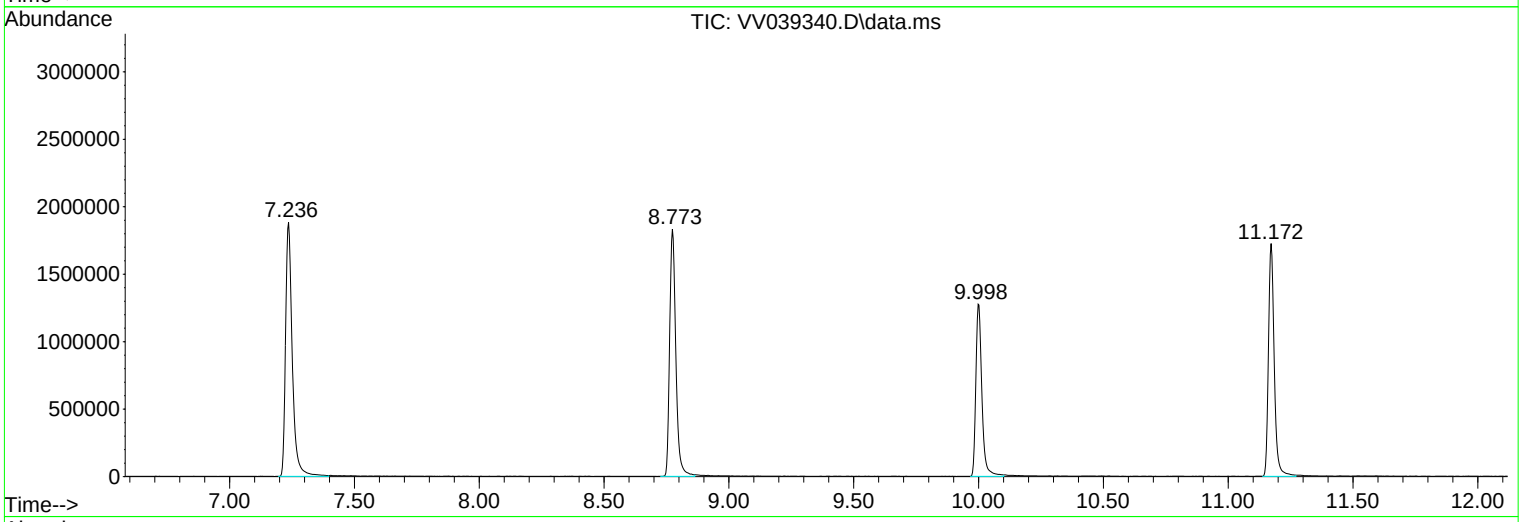
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

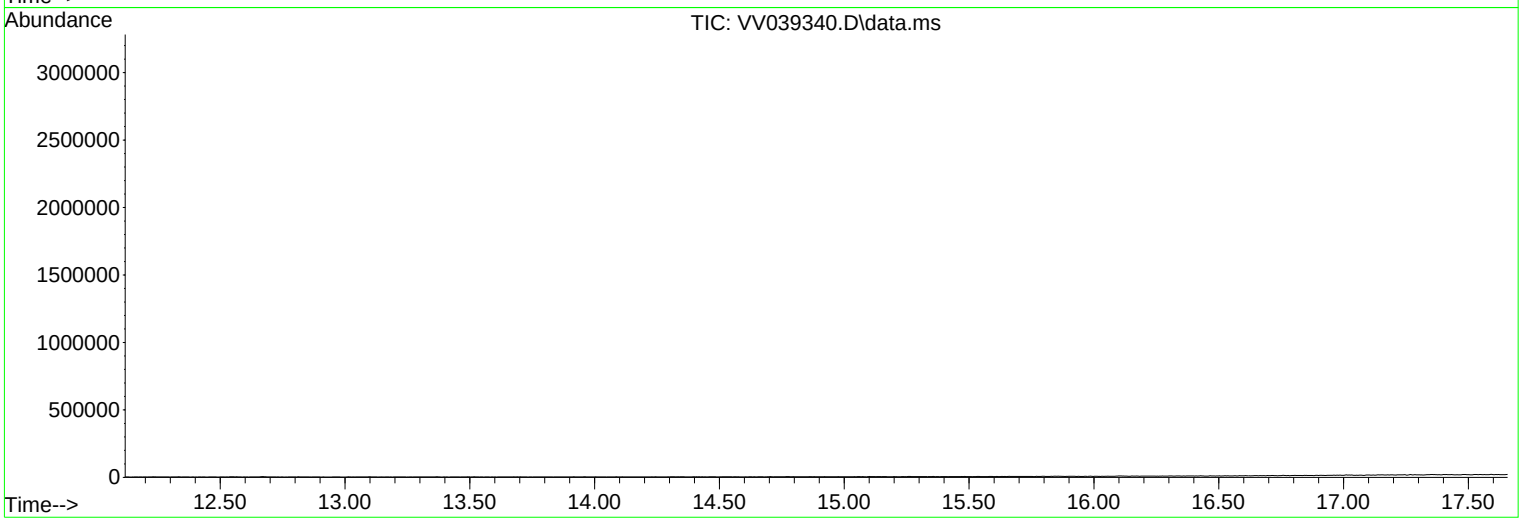
Instrument :
MSVOA_V
ClientSampleId :
MW-10

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: **VV039340.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-10

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 : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-10

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 : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Quant Time: Nov 06 00:18:38 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

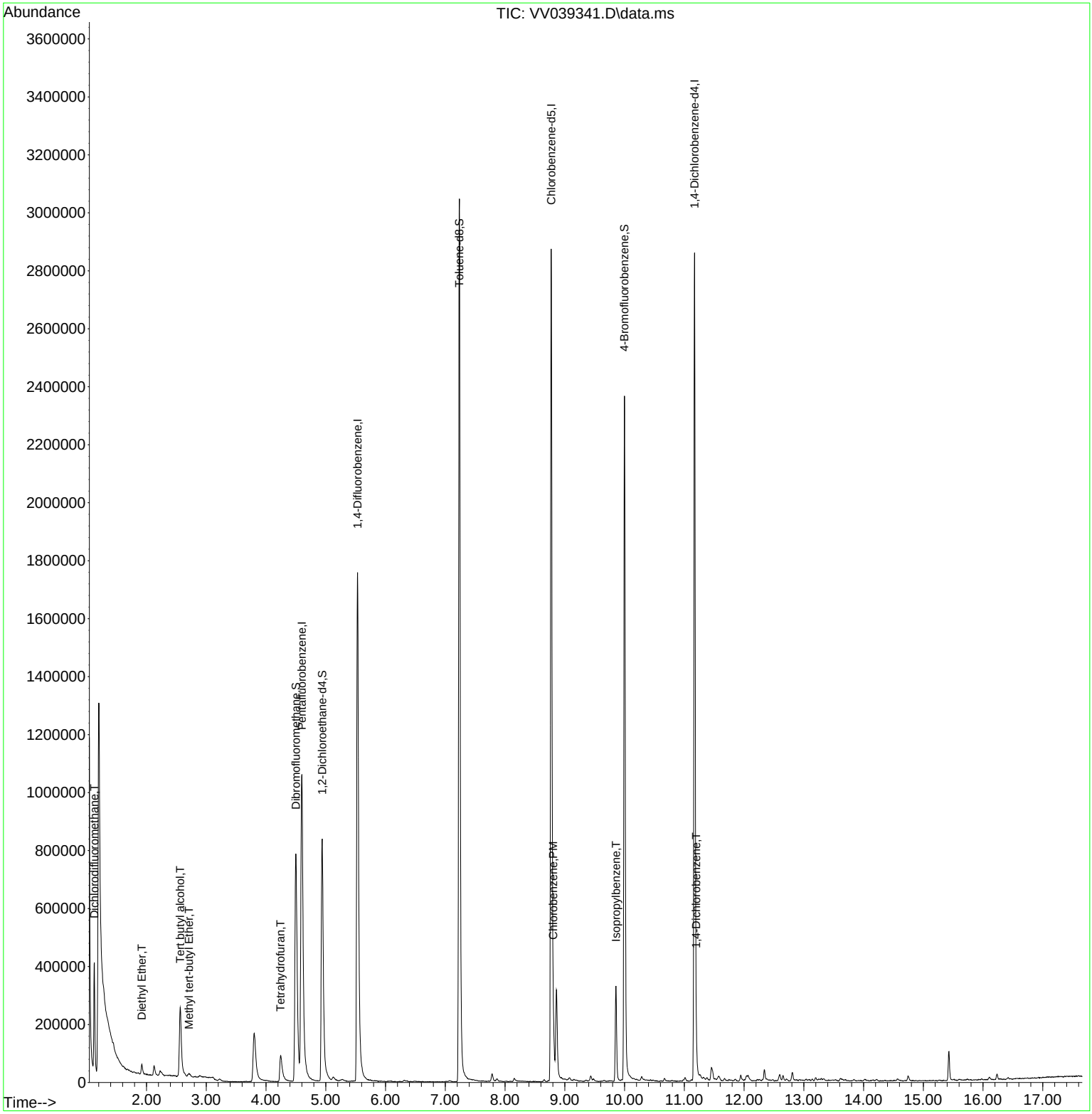
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	929578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1730000	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1622898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	753769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	738888	55.939	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.880%			
35) Dibromofluoromethane	4.500	113	664719	48.765	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.520%			
50) Toluene-d8	7.236	98	2155329	46.478	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.960%			
62) 4-Bromofluorobenzene	9.998	95	807720	48.908	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6847	0.583	ug/l	100
8) Diethyl Ether	1.921	74	13970	1.813	ug/l	92
11) Tert butyl alcohol	2.564	59	264639	103.382	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	11311	0.300	ug/l	96
29) Tetrahydrofuran	4.243	42	76493	14.810	ug/l	97
65) Chlorobenzene	8.805	112	124056	3.229	ug/l	100
73) Isopropylbenzene	9.857	105	202650	4.427	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	35896	1.278	ug/l #	69

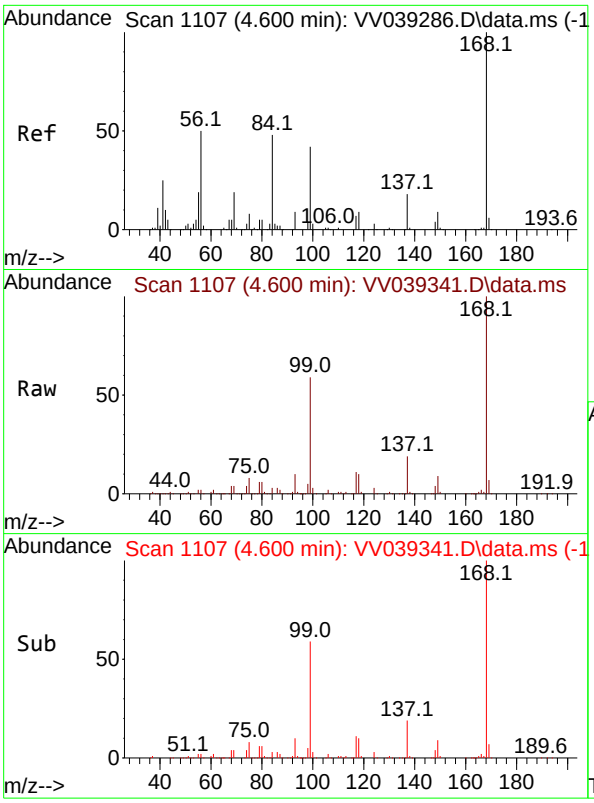
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Quant Time: Nov 06 00:18:38 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



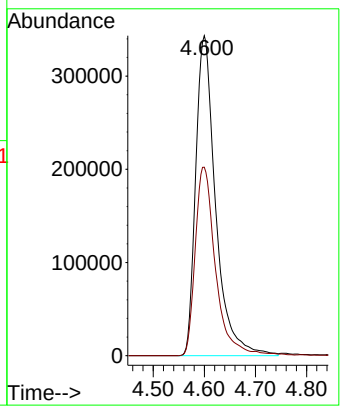


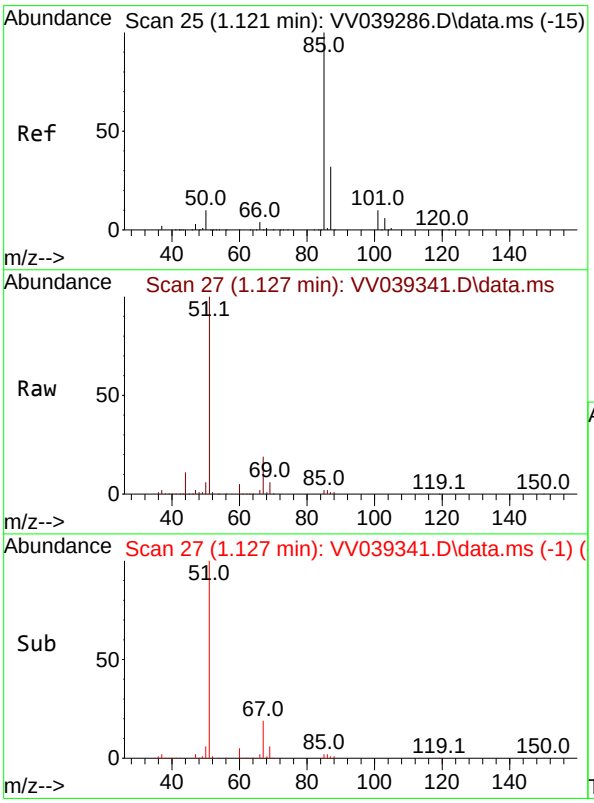
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion:168 Resp: 929578

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	70.0

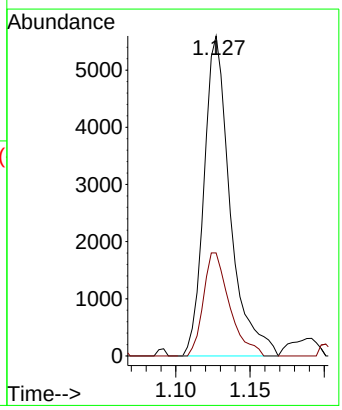


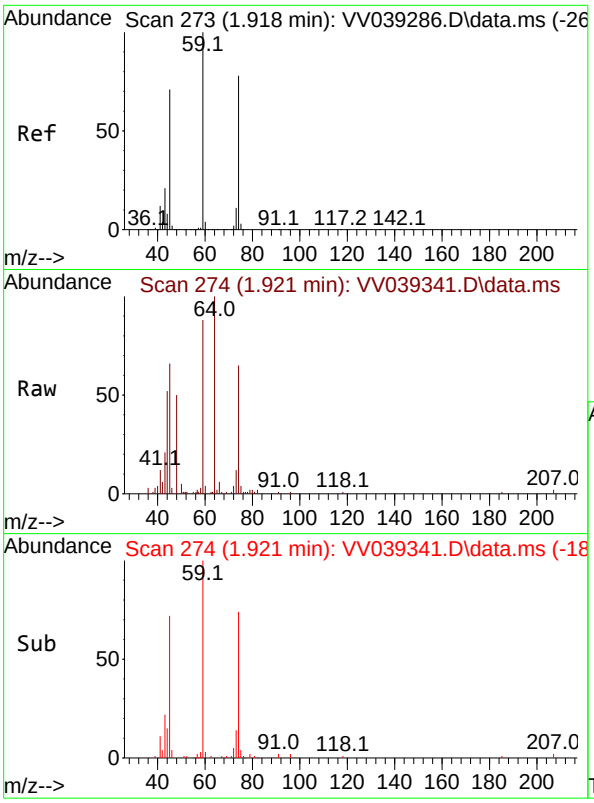


#2
Dichlorodifluoromethane
Concen: 0.583 ug/l
RT: 1.127 min Scan# 27
Delta R.T. 0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 85 Resp: 6847

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2



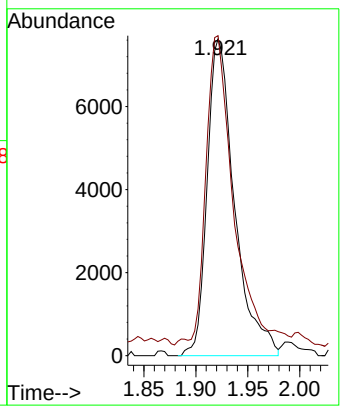


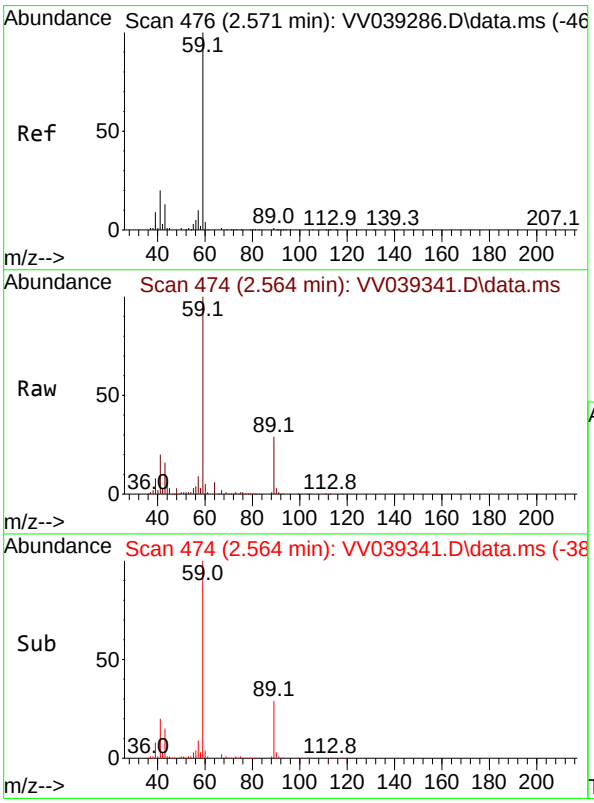
#8
Diethyl Ether
Concen: 1.813 ug/l
RT: 1.921 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion: 74 Resp: 13970

Ion	Ratio	Lower	Upper
74	100		
45	99.3	45.9	137.7

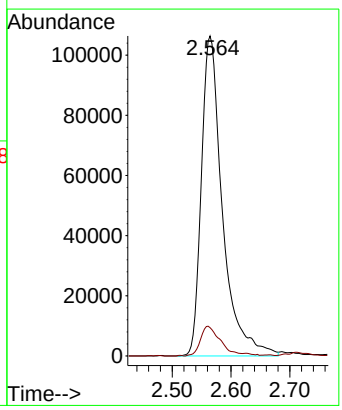


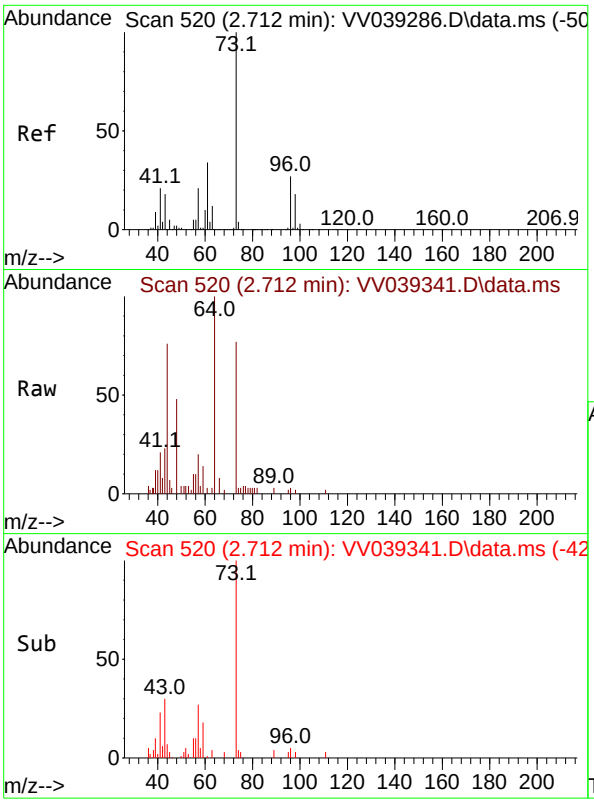


#11
Tert butyl alcohol
Concen: 103.382 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 59 Resp: 264639

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.1	12.1



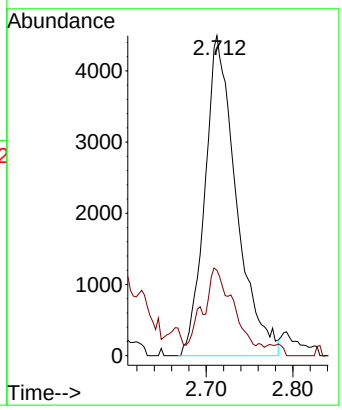


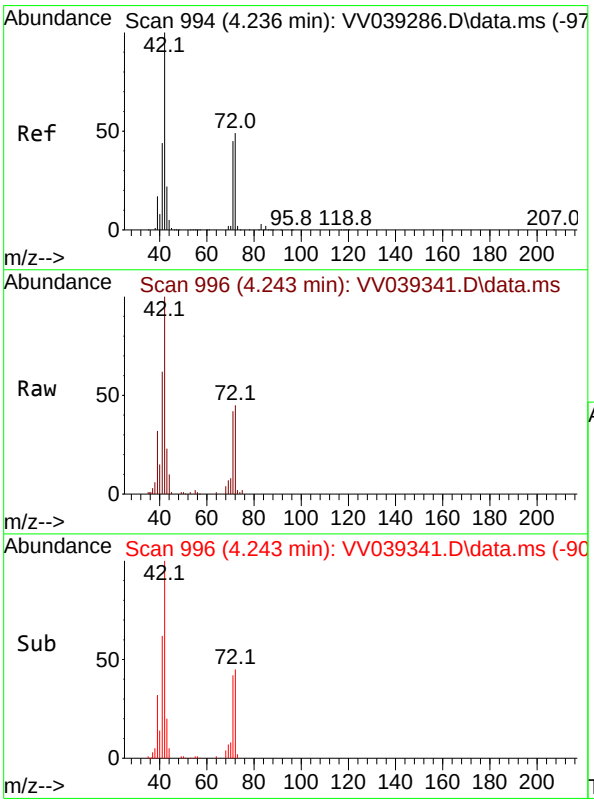
#19
Methyl tert-butyl Ether
Concen: 0.300 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion: 73 Resp: 11311

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.0	25.6

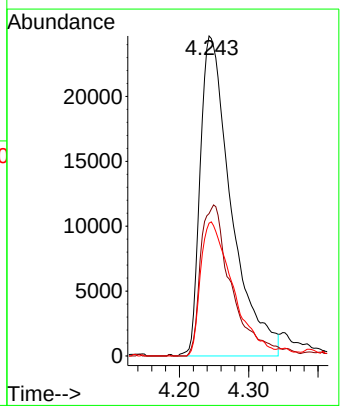


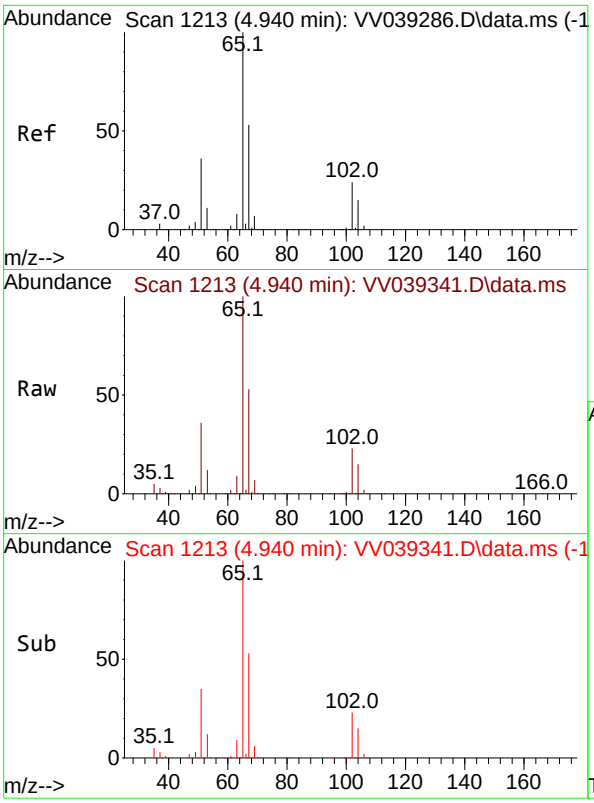


#29
Tetrahydrofuran
Concen: 14.810 ug/l
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 42 Resp: 76493

Ion	Ratio	Lower	Upper
42	100		
72	47.1	39.8	59.8
71	43.9	36.5	54.7



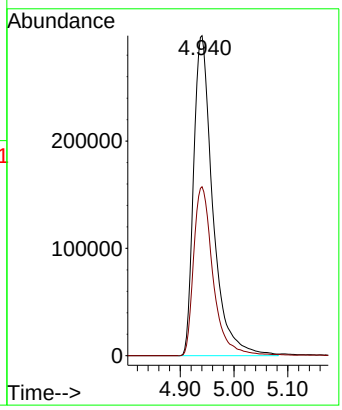


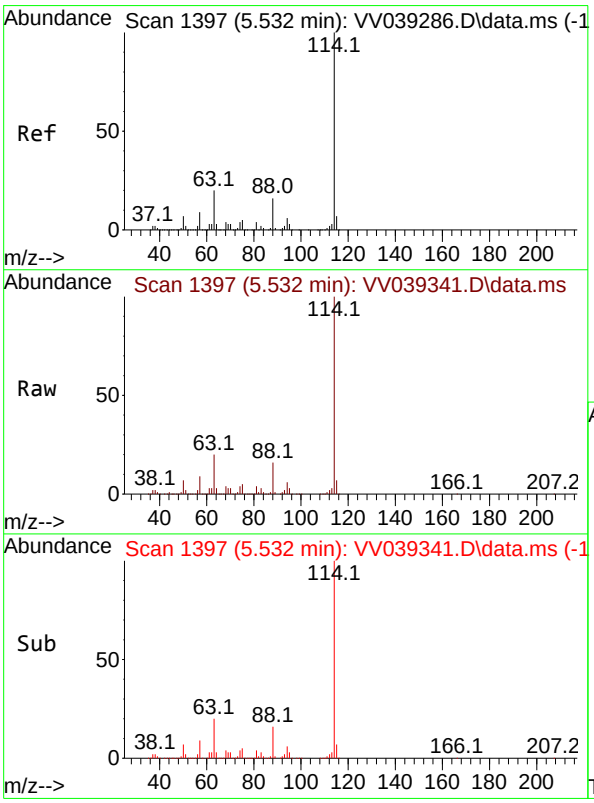
#33
1,2-Dichloroethane-d4
Concen: 55.939 ug/l
RT: 4.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion: 65 Resp: 738888

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4

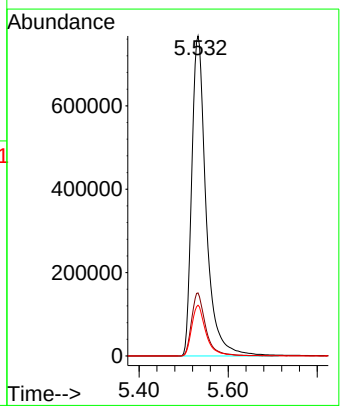


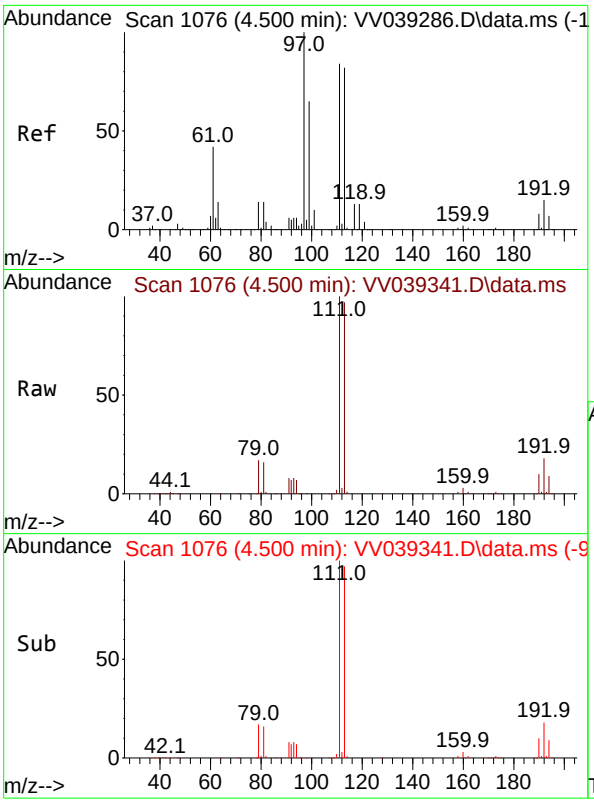


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:114 Resp: 1730000

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.8	0.0	31.6



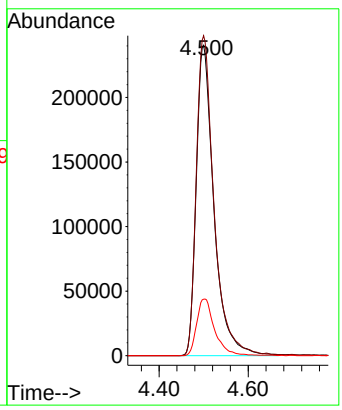


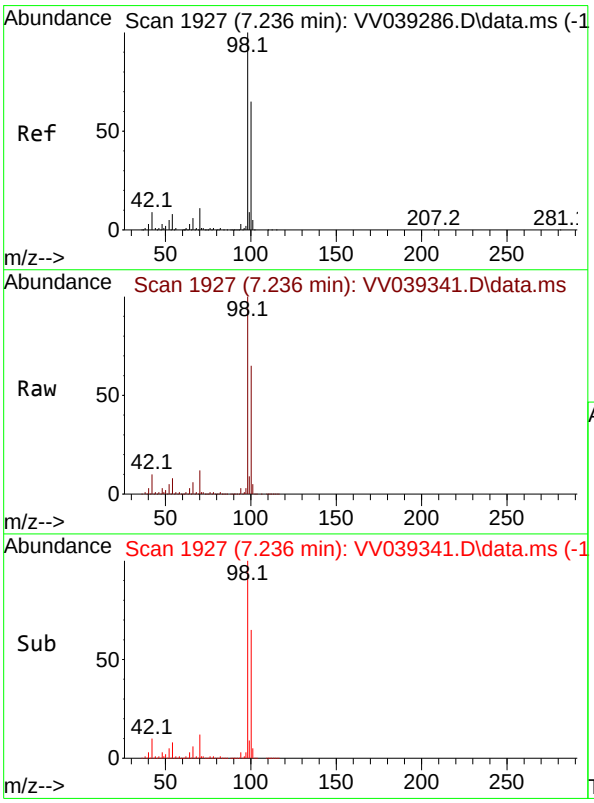
#35
Dibromofluoromethane
Concen: 48.765 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion:113 Resp: 664719

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.6	14.3	21.5

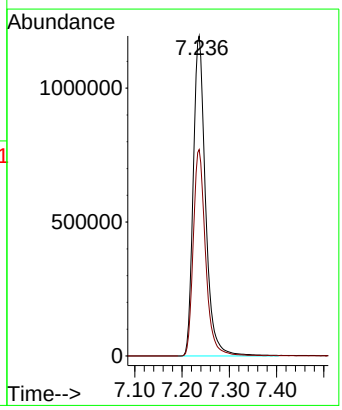


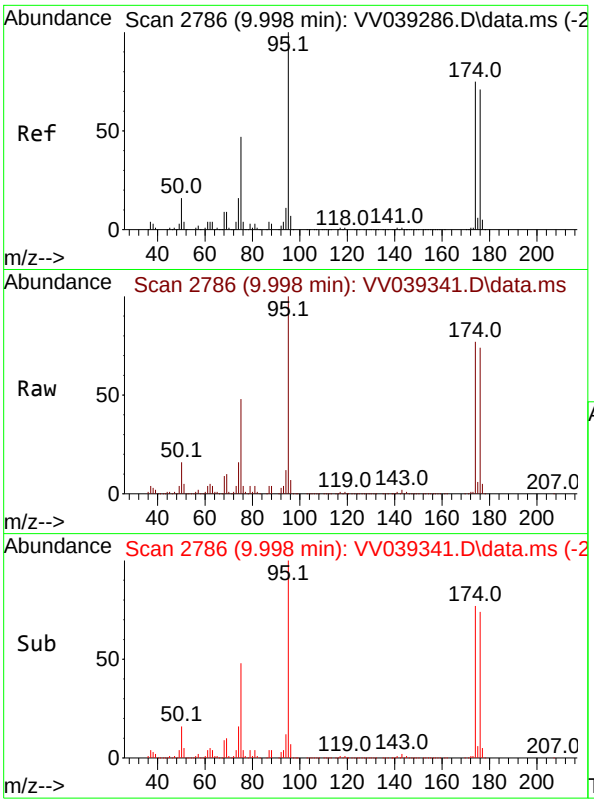


#50
Toluene-d8
Concen: 46.478 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 98 Resp: 2155329

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2



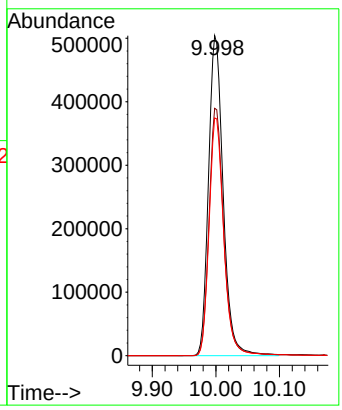


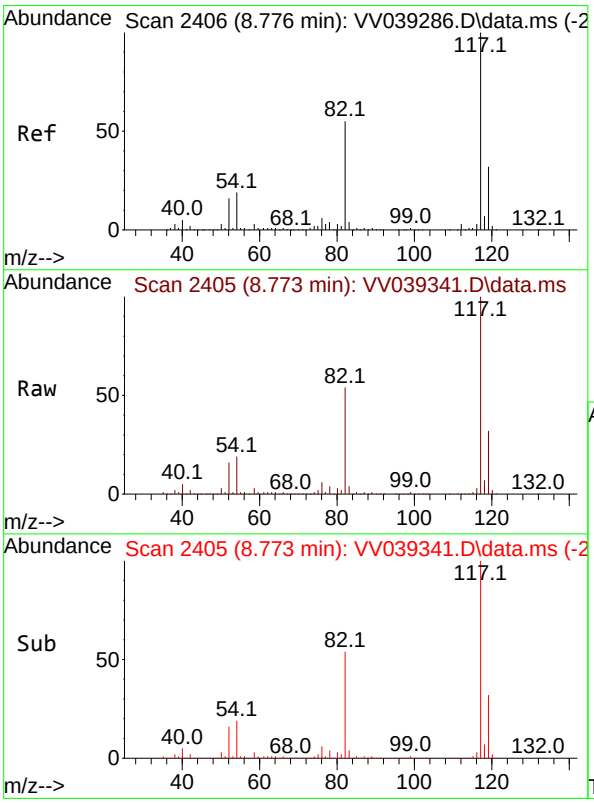
#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion: 95 Resp: 807720

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	153.6
176	74.1	0.0	146.0

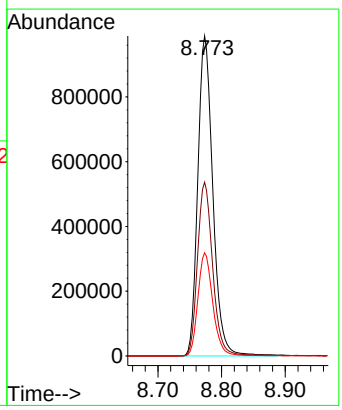


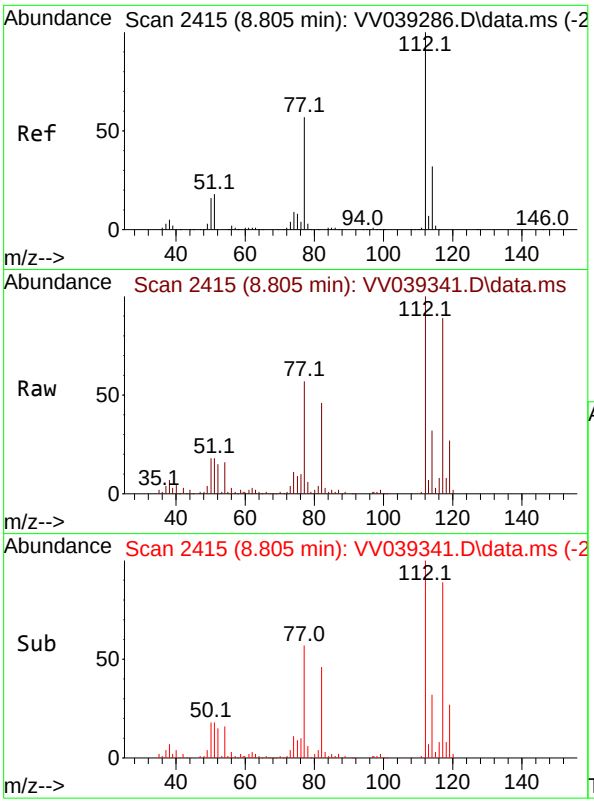


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:117 Resp: 1622898

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.8
119	32.3	25.8	38.6



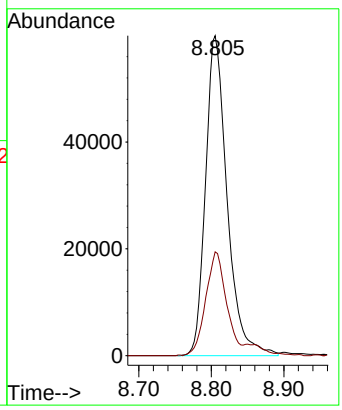


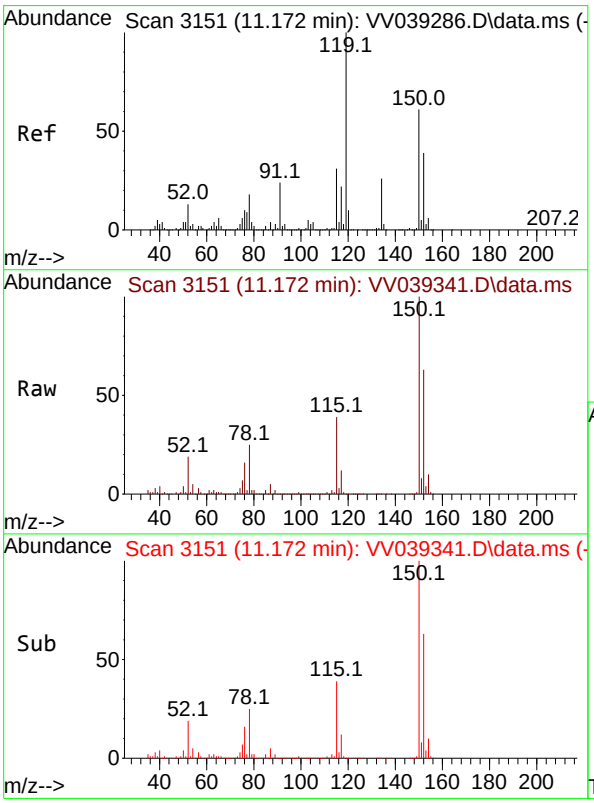
#65
Chlorobenzene
Concen: 3.229 ug/l
RT: 8.805 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion:112 Resp: 124056

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

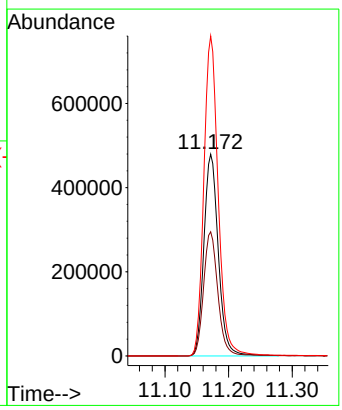


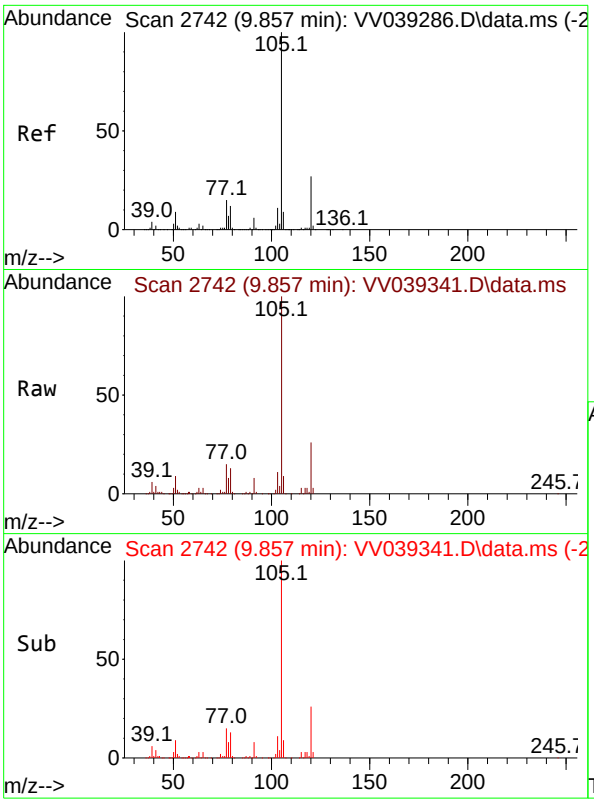


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:152 Resp: 753769

Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.3	126.8
150	158.4	0.0	348.0



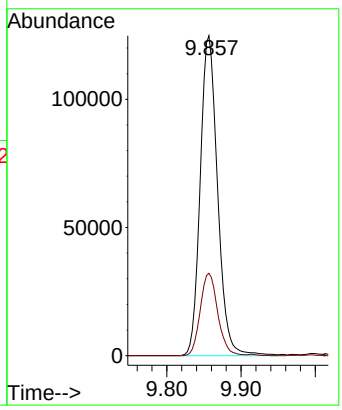


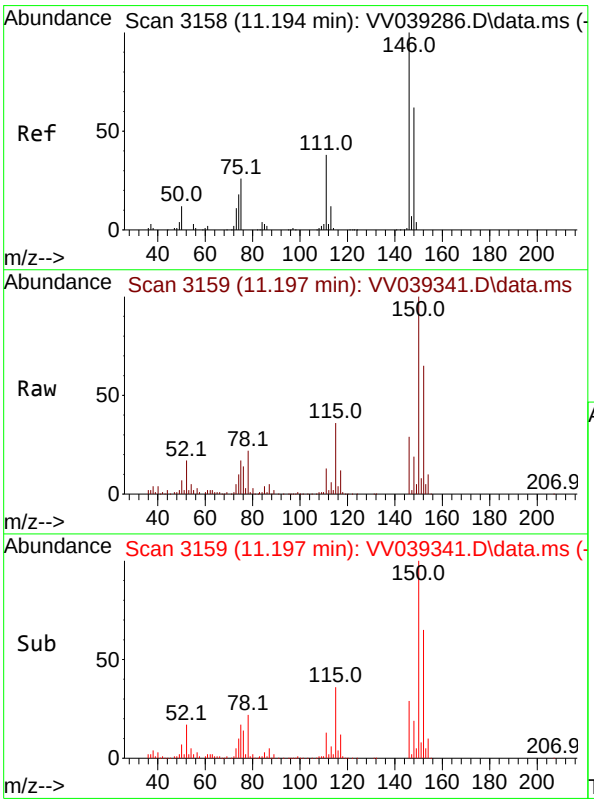
#73
Isopropylbenzene
Concen: 4.427 ug/l
RT: 9.857 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :
MW-3

Tgt Ion:105 Resp: 202650

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5

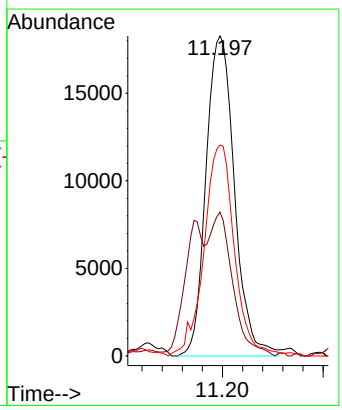




#88
1,4-Dichlorobenzene
Concen: 1.278 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:146 Resp: 35896

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.0#
148	70.4	31.5	94.5



Sample Results: **VV039341.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-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: VV039341.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	373989	461218	8.30%	1.188%
2	1.201	38	50	122	rBV	1270277	5460897	98.27%	14.067%
3	2.564	463	474	509	rVB2	237302	585471	10.54%	1.508%
4	3.802	842	859	897	rBV	166413	575059	10.35%	1.481%
5	4.246	985	997	1026	rBV2	89429	275308	4.95%	0.709%
6	4.500	1059	1076	1094	rBV2	784173	2065012	37.16%	5.320%
7	4.600	1094	1107	1148	rVB	1050524	2880609	51.84%	7.421%
8	4.940	1200	1213	1260	rBV	833758	2082625	37.48%	5.365%
9	5.532	1385	1397	1448	rBV	1753900	3961020	71.28%	10.204%
10	7.236	1915	1927	1961	rBV	3044952	5557240	100.00%	14.316%
11	8.773	2394	2405	2424	rBV	2869806	5053561	90.94%	13.018%
12	8.860	2424	2432	2452	rVB	303707	585879	10.54%	1.509%
13	9.857	2731	2742	2765	rBV	328473	534464	9.62%	1.377%
14	9.998	2775	2786	2830	rBV	2359313	3818400	68.71%	9.836%
15	11.172	3139	3151	3176	rBV	2854517	4591225	82.62%	11.827%
16	11.455	3230	3239	3253	rBV4	43369	100152	1.80%	0.258%
17	12.339	3500	3514	3524	rBV2	37431	66083	1.19%	0.170%
18	15.429	4464	4475	4487	rBV2	100879	165286	2.97%	0.426%

Sum of corrected areas: 38819509

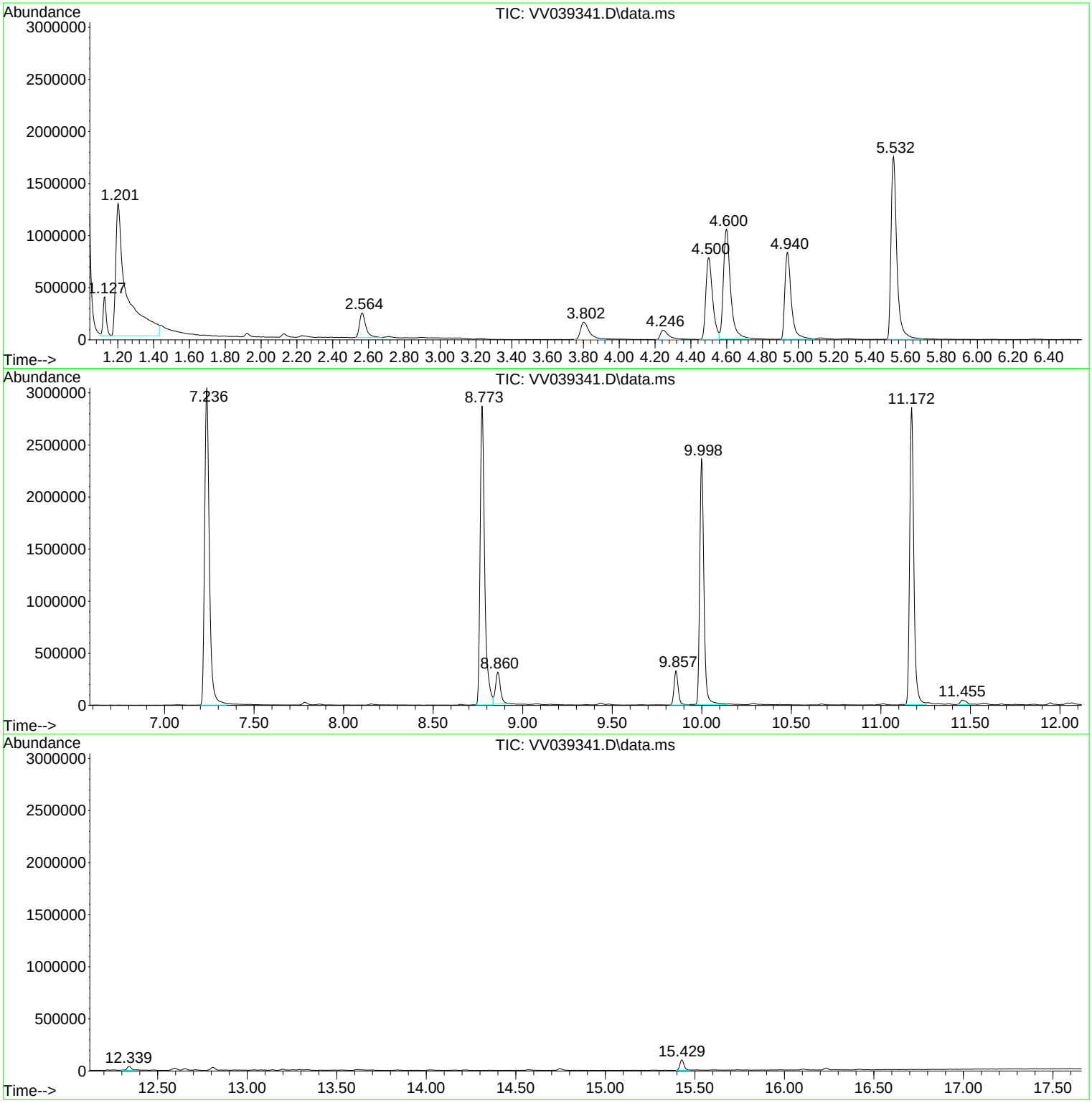
Sample Results: **VV039341.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-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: **VV039341.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-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

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 : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB

Quant Time: Nov 06 00:16:37 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	4.596	168	856878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1636404	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1498704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	661803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	703372	57.768	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 115.540%			
35) Dibromofluoromethane	4.497	113	623292	48.341	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.680%			
50) Toluene-d8	7.233	98	2056521	46.884	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.760%			
62) 4-Bromofluorobenzene	9.998	95	679949	43.526	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.060%			

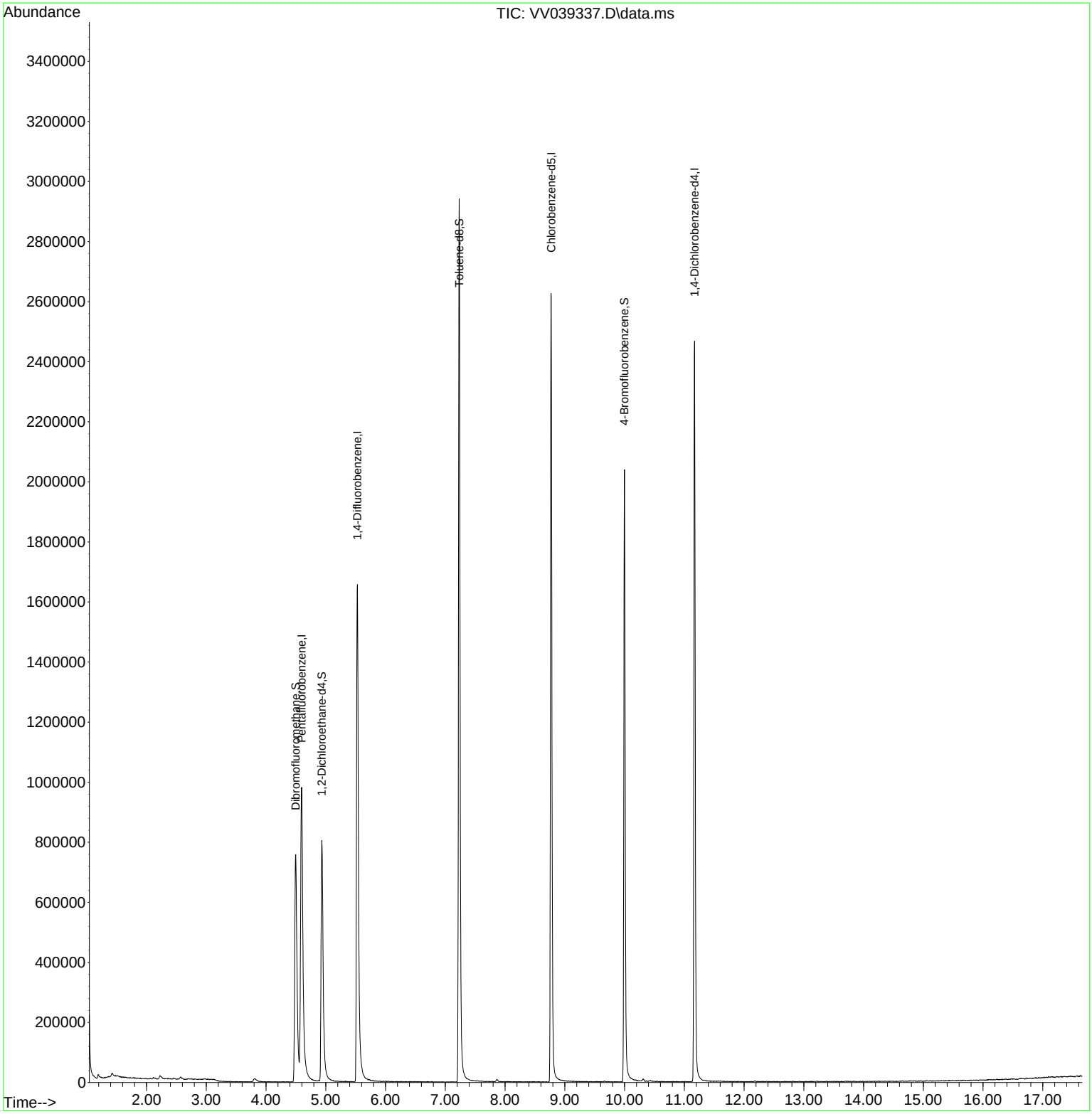
Target Compounds Qvalue

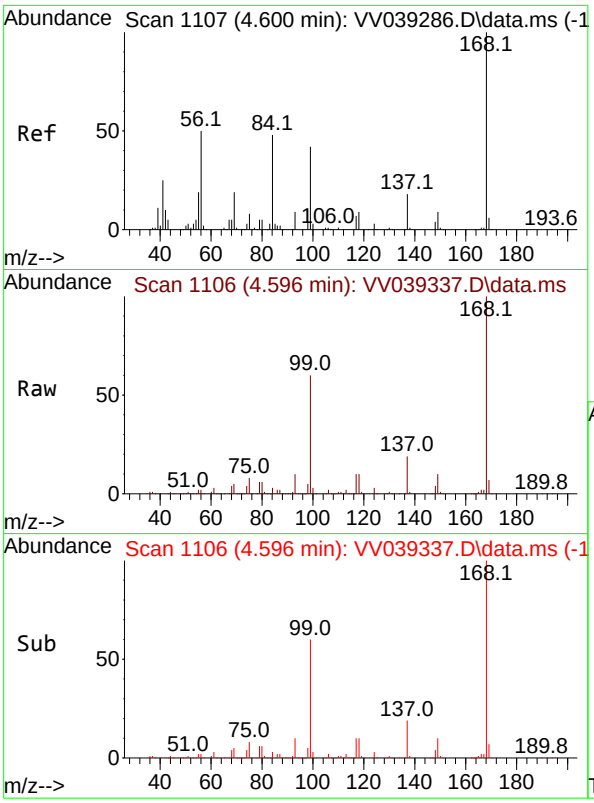
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB

Quant Time: Nov 06 00:16:37 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



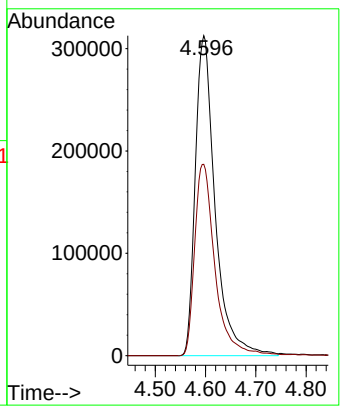


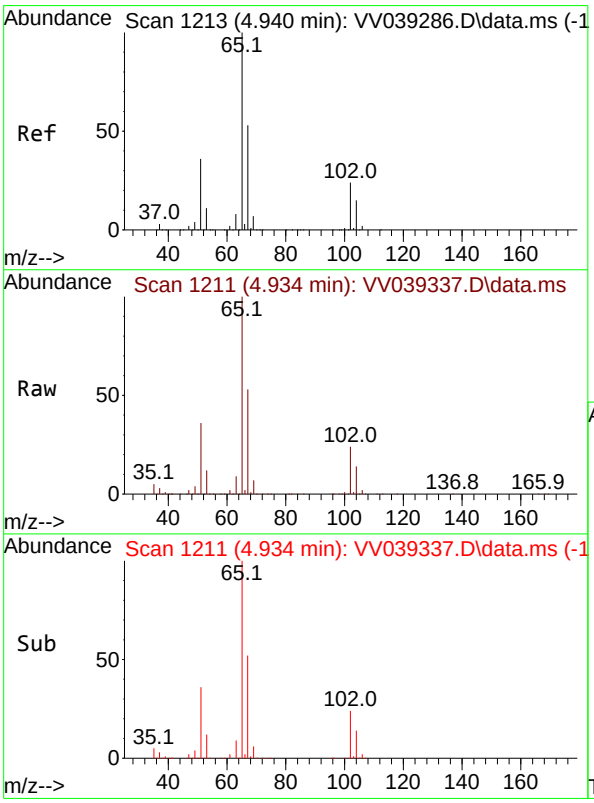
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Instrument :
MSVOA_V
ClientSampleId :
TB

Tgt Ion:168 Resp: 856878

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.6	70.0

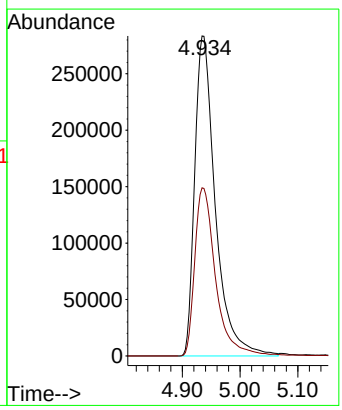


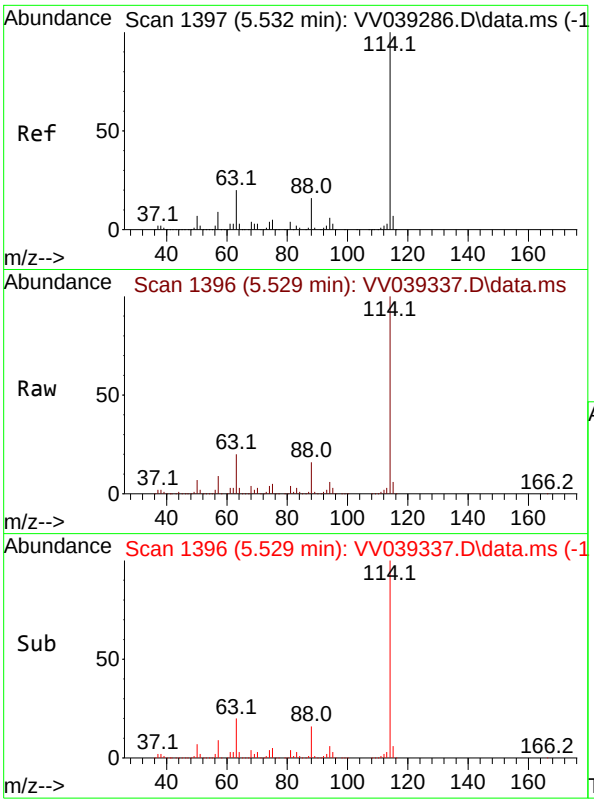


#33
1,2-Dichloroethane-d4
Concen: 57.768 ug/l
RT: 4.934 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Tgt Ion: 65 Resp: 703372

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.4



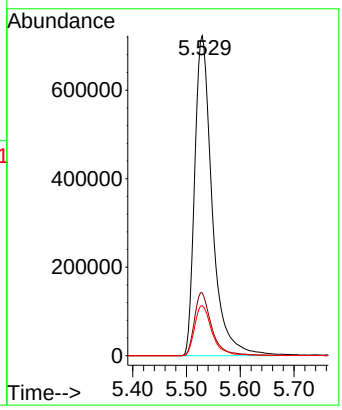


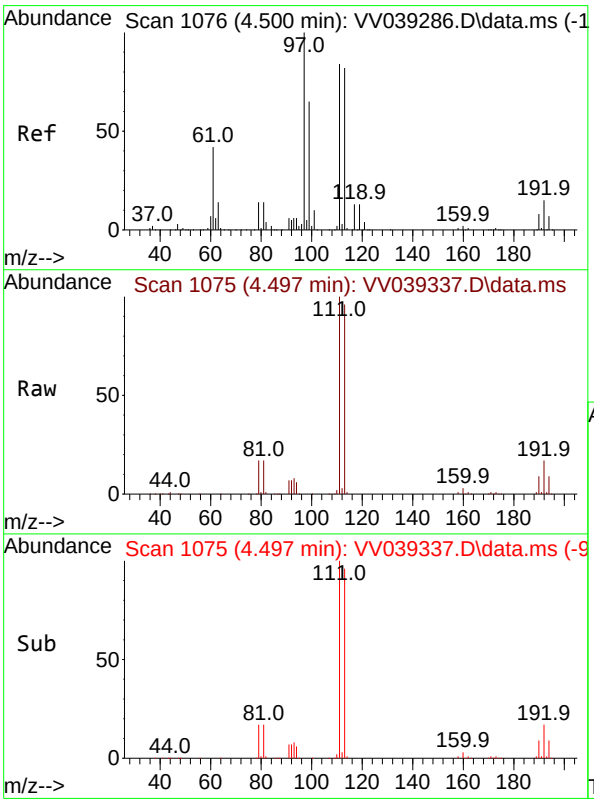
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Instrument :
MSVOA_V
ClientSampleId :
TB

Tgt Ion:114 Resp: 1636404

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.6	0.0	31.6

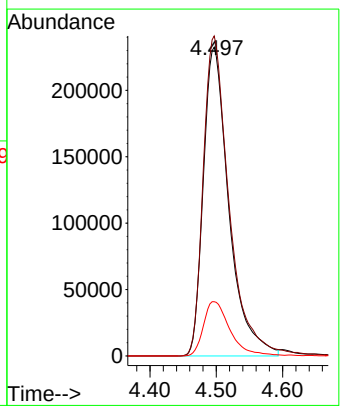


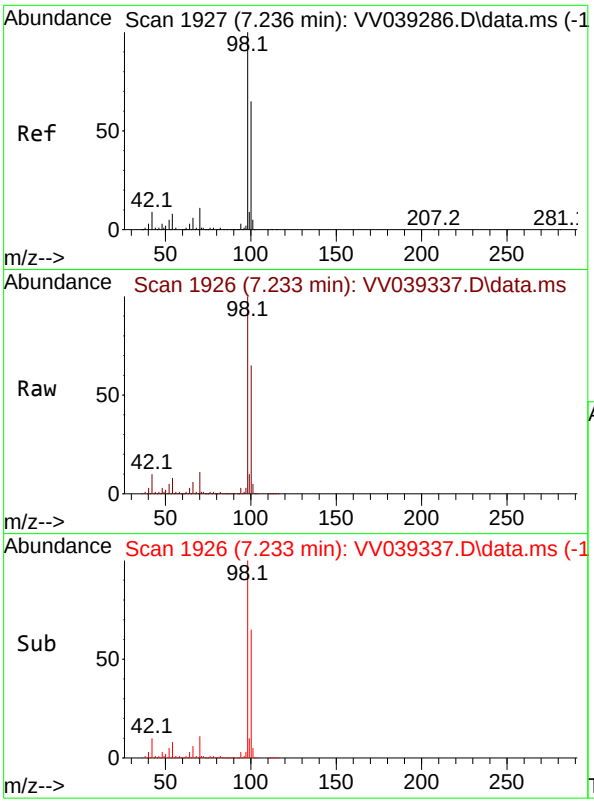


#35
Dibromofluoromethane
Concen: 48.341 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Tgt Ion:113 Resp: 623292

Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.0	123.0
192	18.2	14.3	21.5



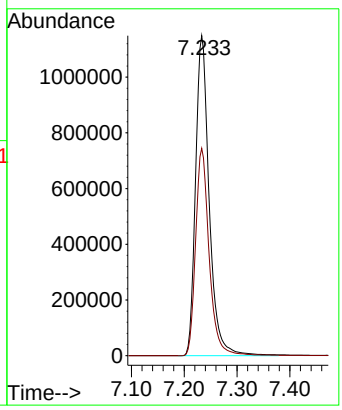


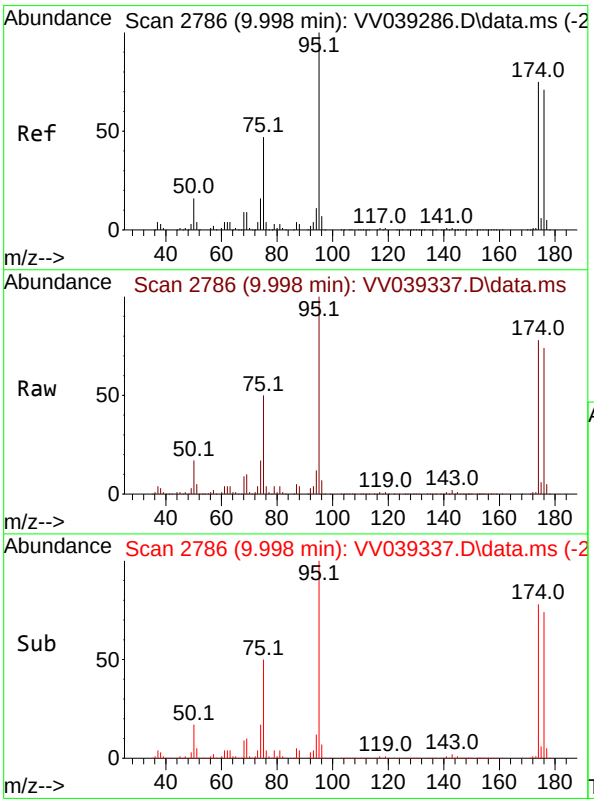
#50
Toluene-d8
Concen: 46.884 ug/l
RT: 7.233 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Instrument :
MSVOA_V
ClientSampleId :
TB

Tgt Ion: 98 Resp: 2056521

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2

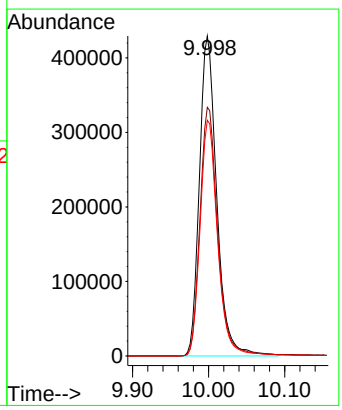


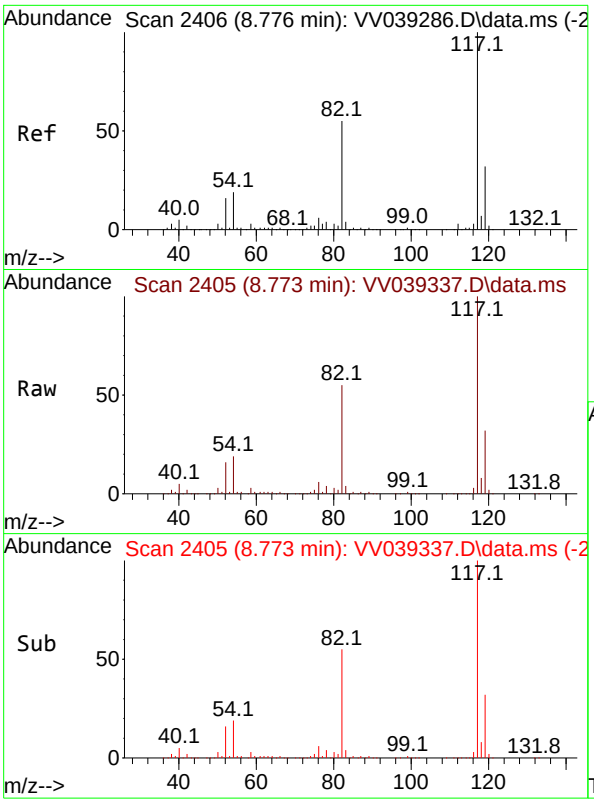


#62
4-Bromofluorobenzene
Concen: 43.526 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Tgt Ion: 95 Resp: 679949

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	153.6
176	74.6	0.0	146.0



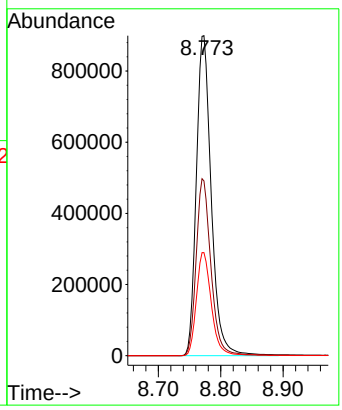


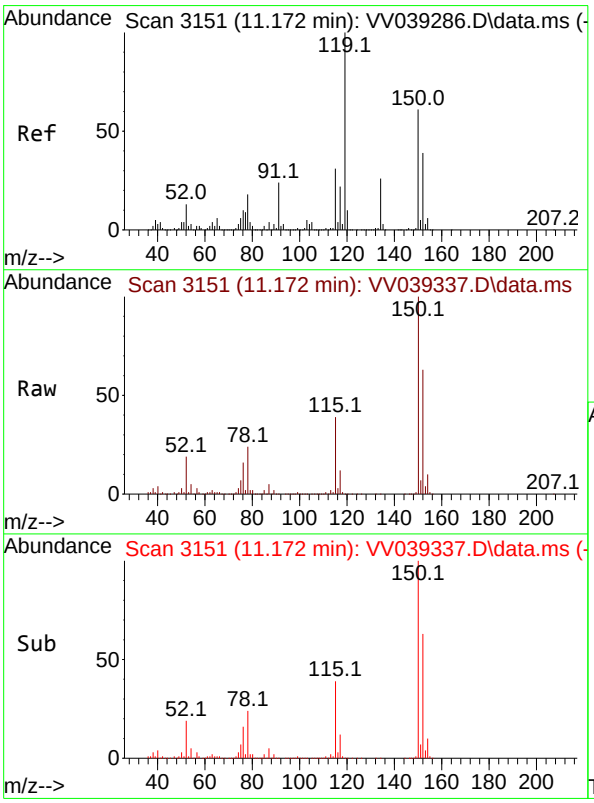
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Instrument :
MSVOA_V
ClientSampleId :
TB

Tgt Ion:117 Resp: 1498704

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

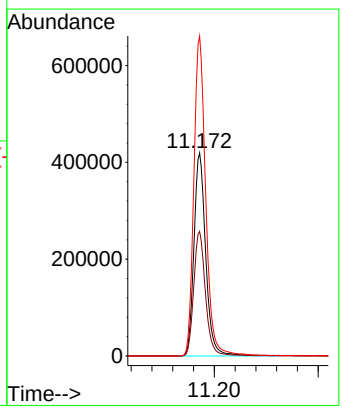




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039337.D
Acq: 05 Nov 2025 15:50

Tgt Ion:152 Resp: 661803

Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.3	126.8
150	158.6	0.0	348.0



Sample Results: **VV039337.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB

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: VV039337.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	1058	1075	1093	rBV	757408	1978012	37.23%	7.225%
2	4.596	1094	1106	1154	rVB	974370	2713991	51.08%	9.914%
3	4.934	1199	1211	1248	rBV2	801265	1961930	36.93%	7.167%
4	5.529	1384	1396	1440	rBV	1654933	3774842	71.05%	13.789%
5	7.233	1913	1926	1965	rBV	2940415	5312792	100.00%	19.407%
6	8.770	2393	2404	2440	rBV	2625646	4414309	83.09%	16.125%
7	9.998	2775	2786	2814	rBV	2038535	3278371	61.71%	11.975%
8	11.172	3139	3151	3197	rBV	2464713	3941759	74.19%	14.399%

Sum of corrected areas: 27376006

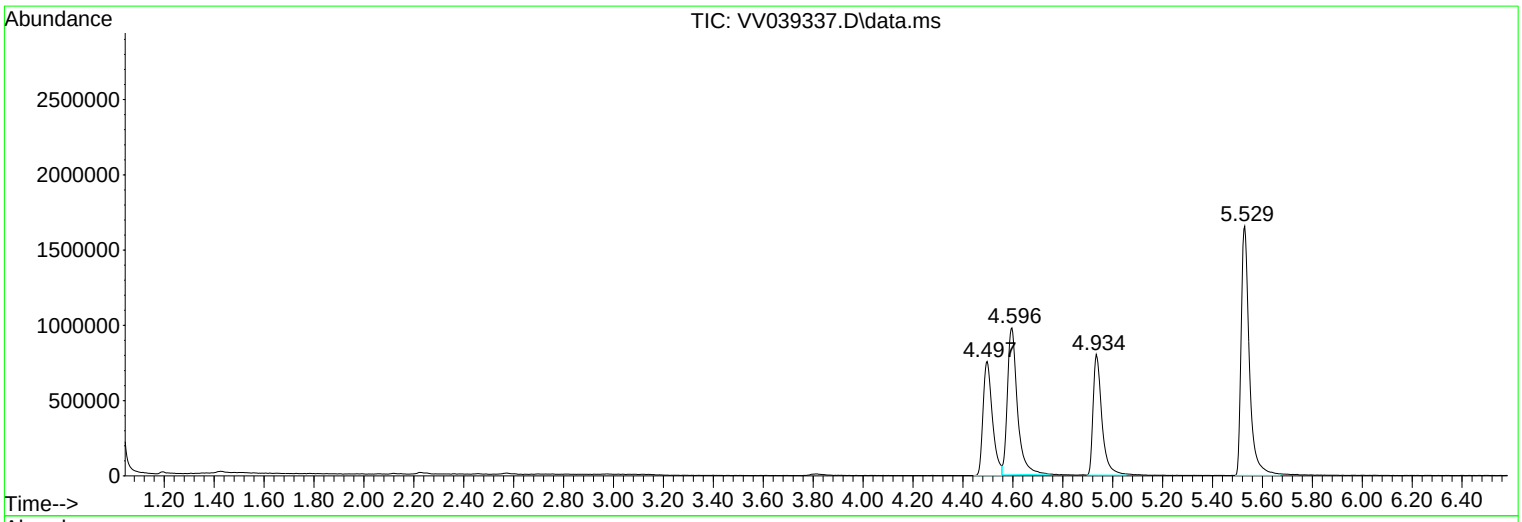
Sample Results: **VV039337.D**

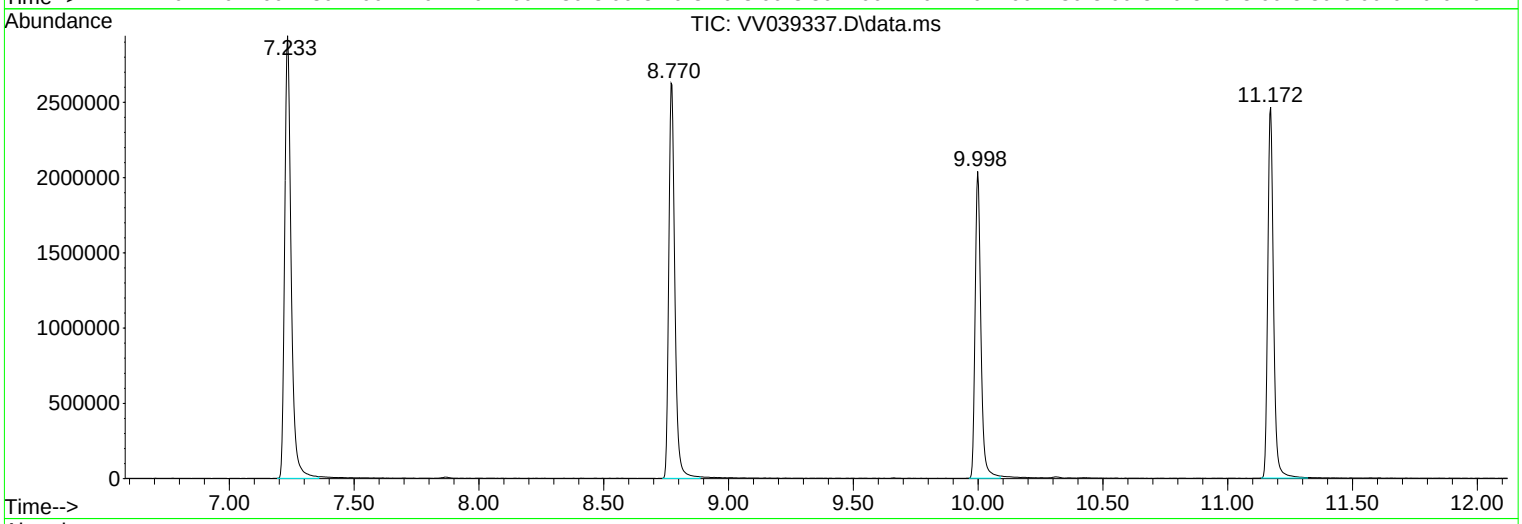
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

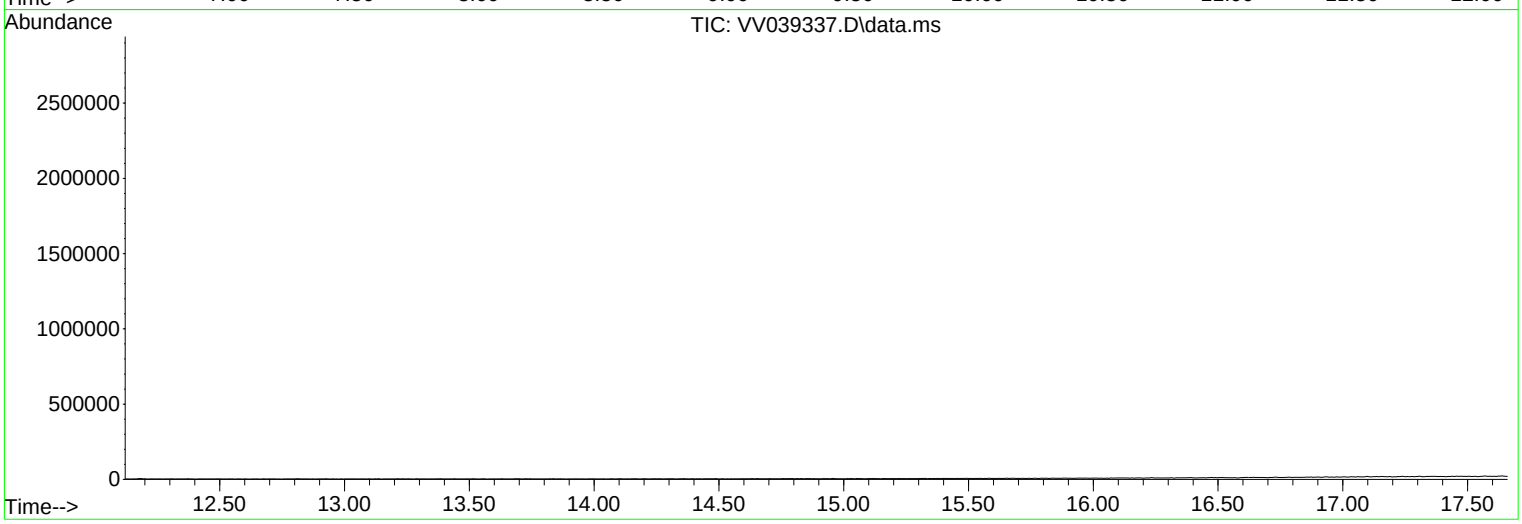
Instrument :
MSVOA_V
ClientSampleId :
TB

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: **VV039337.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB

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 : VV039337.D
Acq On : 05 Nov 2025 15:50
Operator : SY/MD
Sample : Q3552-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB

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\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%			

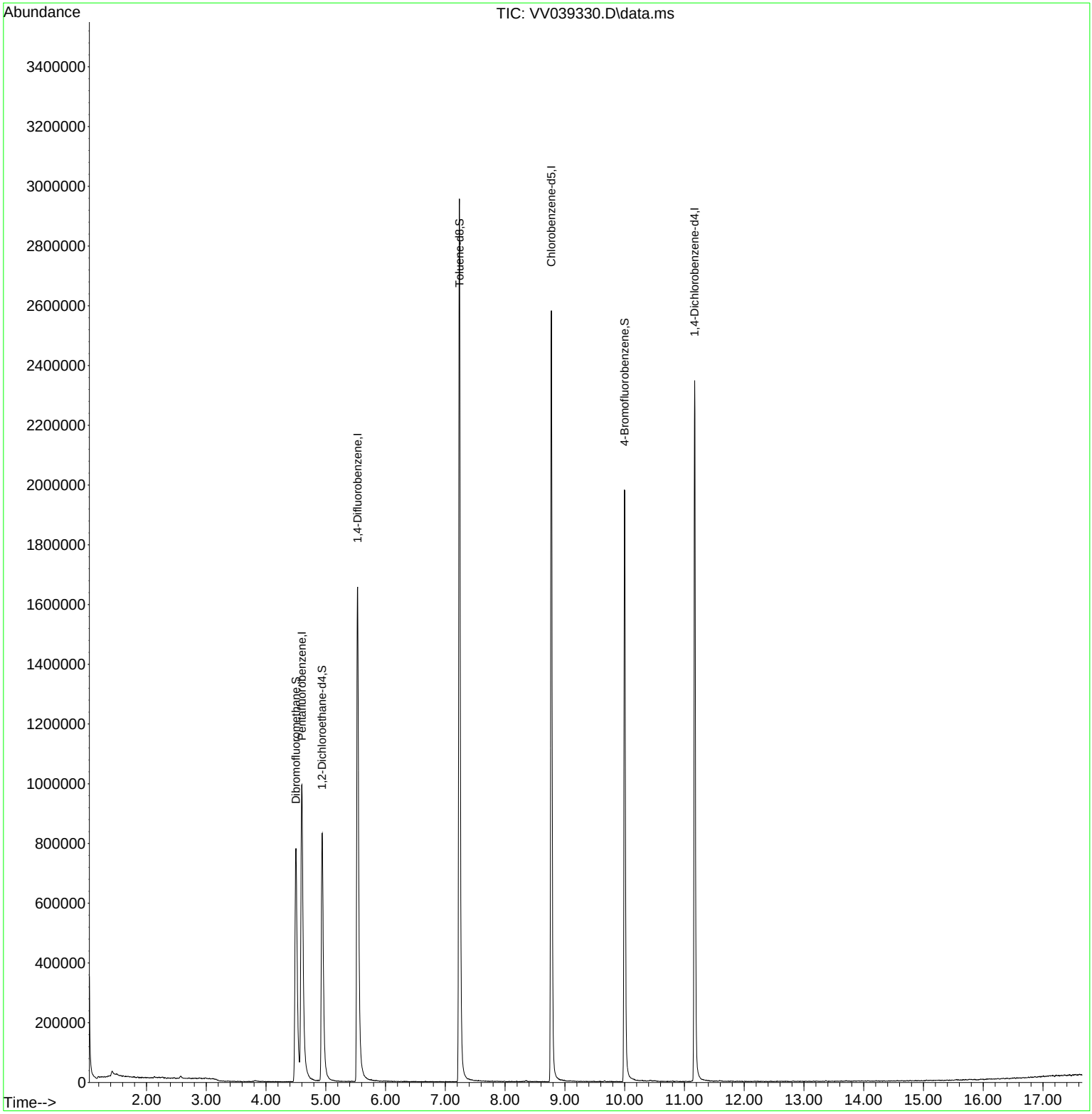
Target Compounds Qvalue

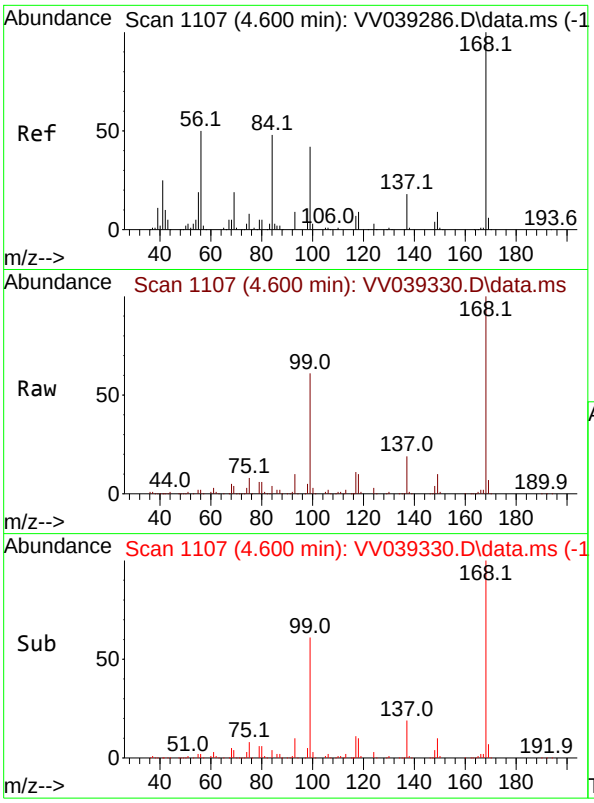
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



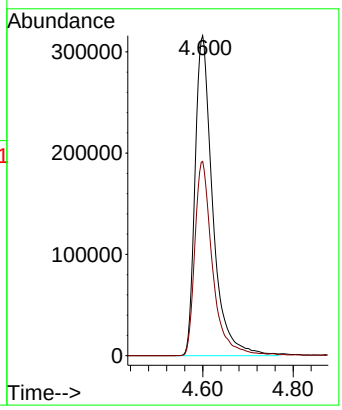


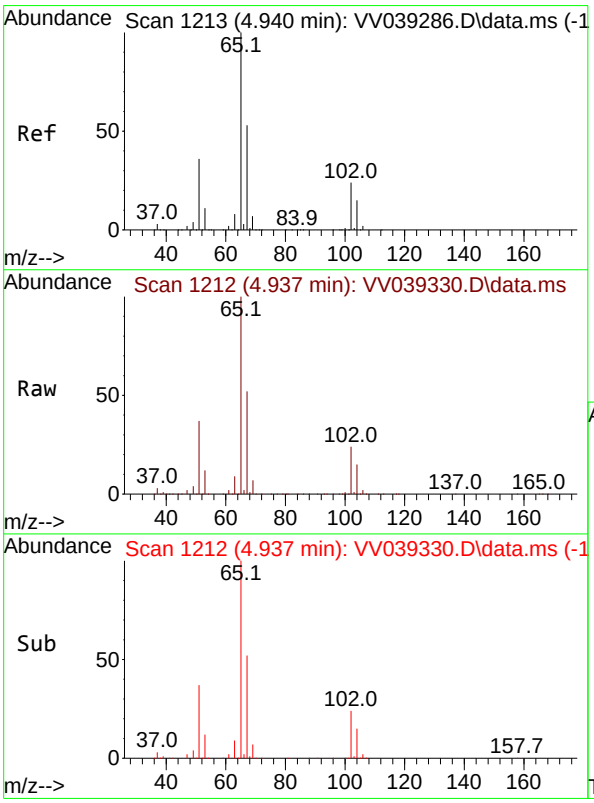
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion:168 Resp: 856812

Ion	Ratio	Lower	Upper
168	100		
99	60.6	46.6	70.0

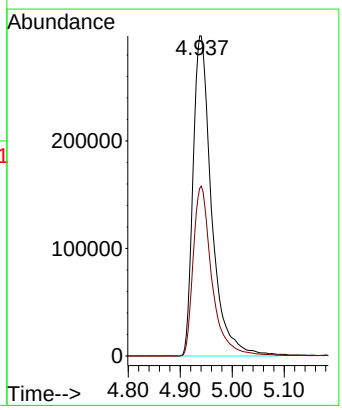


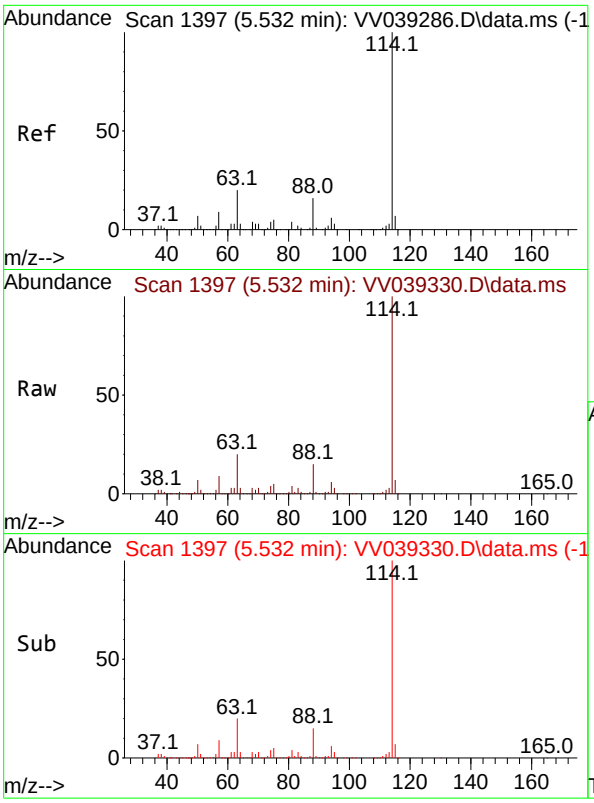


#33
1,2-Dichloroethane-d4
Concen: 60.726 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Tgt Ion: 65 Resp: 739326

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4



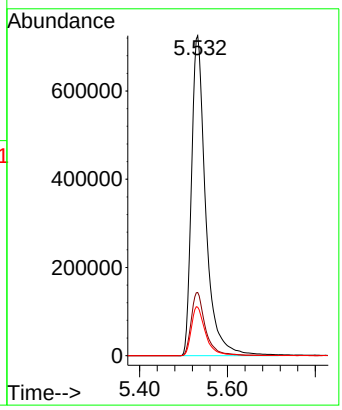


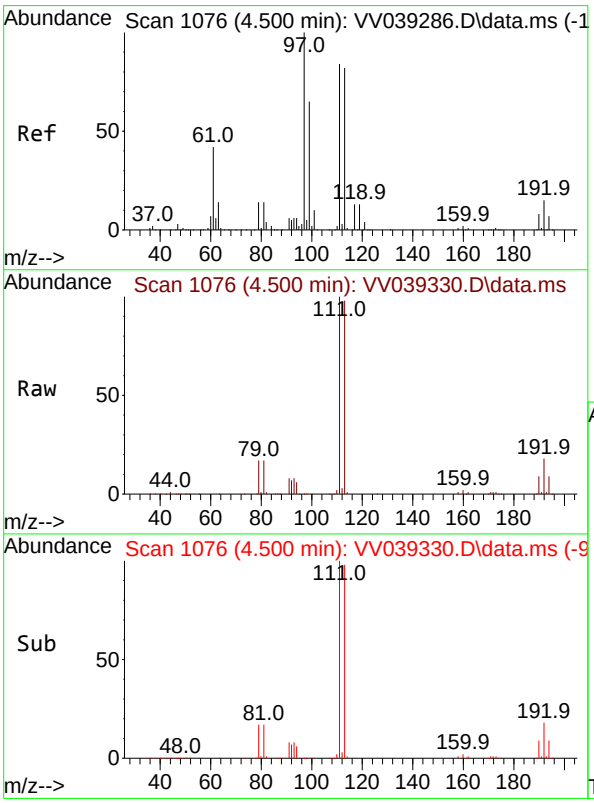
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

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

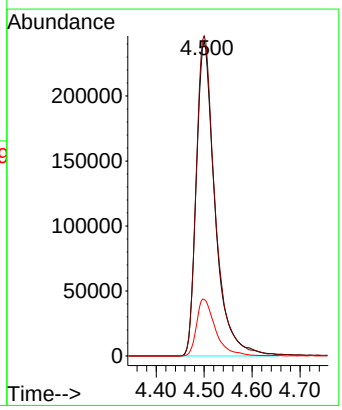


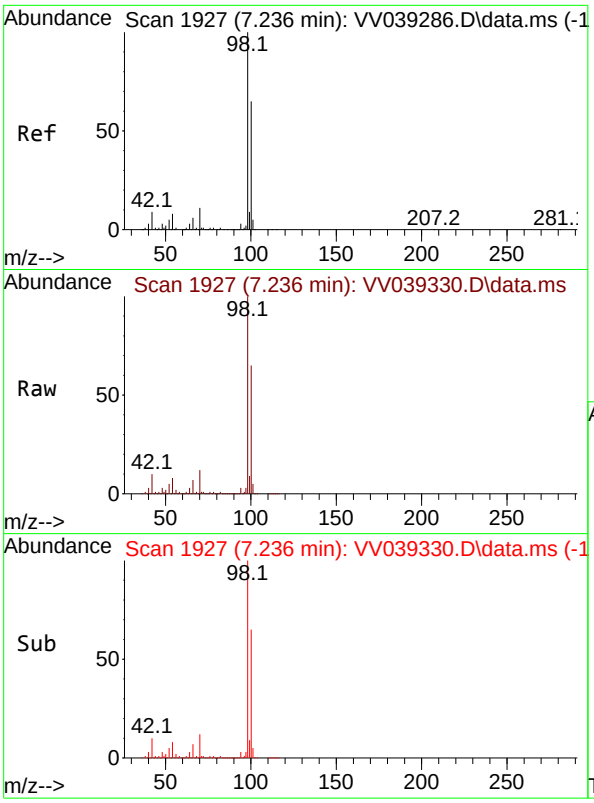


#35
Dibromofluoromethane
Concen: 51.229 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

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



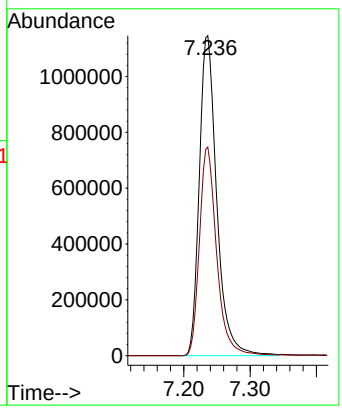


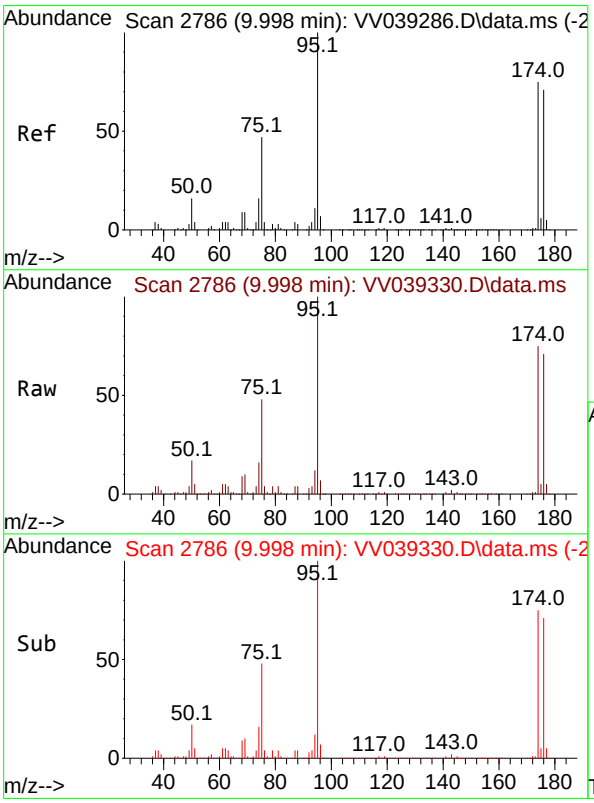
#50
Toluene-d8
Concen: 48.001 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

Tgt Ion: 98 Resp: 2095273

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2

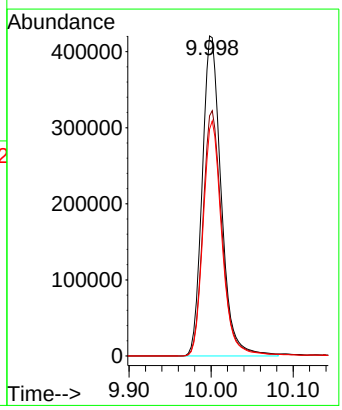


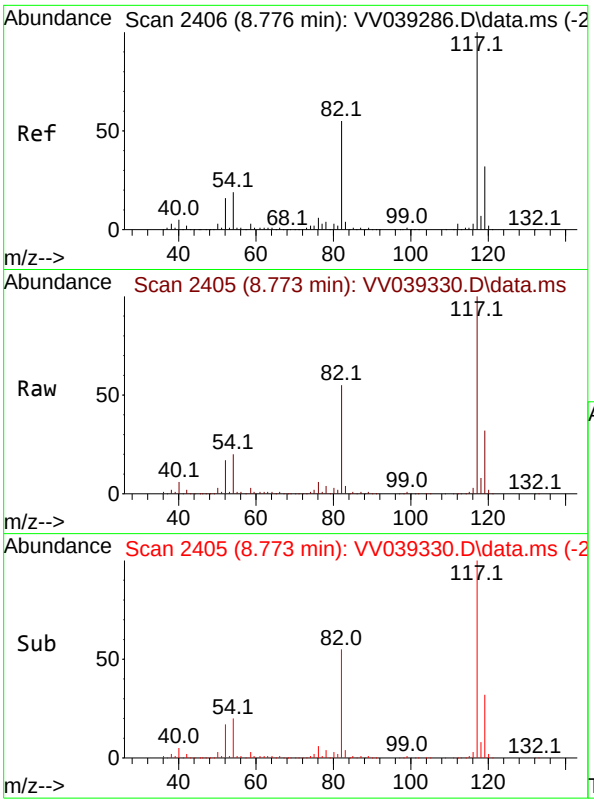


#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

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



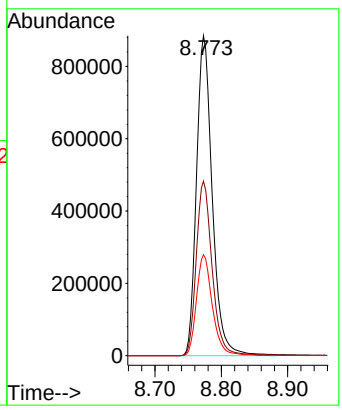


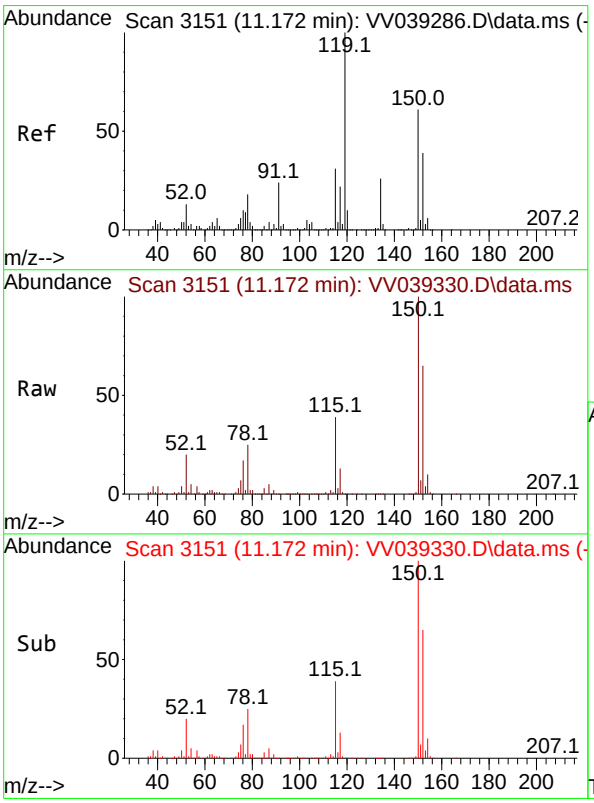
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

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

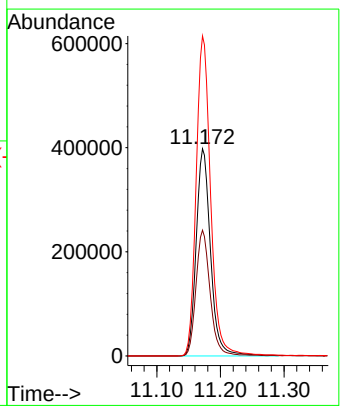




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039330.D
Acq: 05 Nov 2025 12:29

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

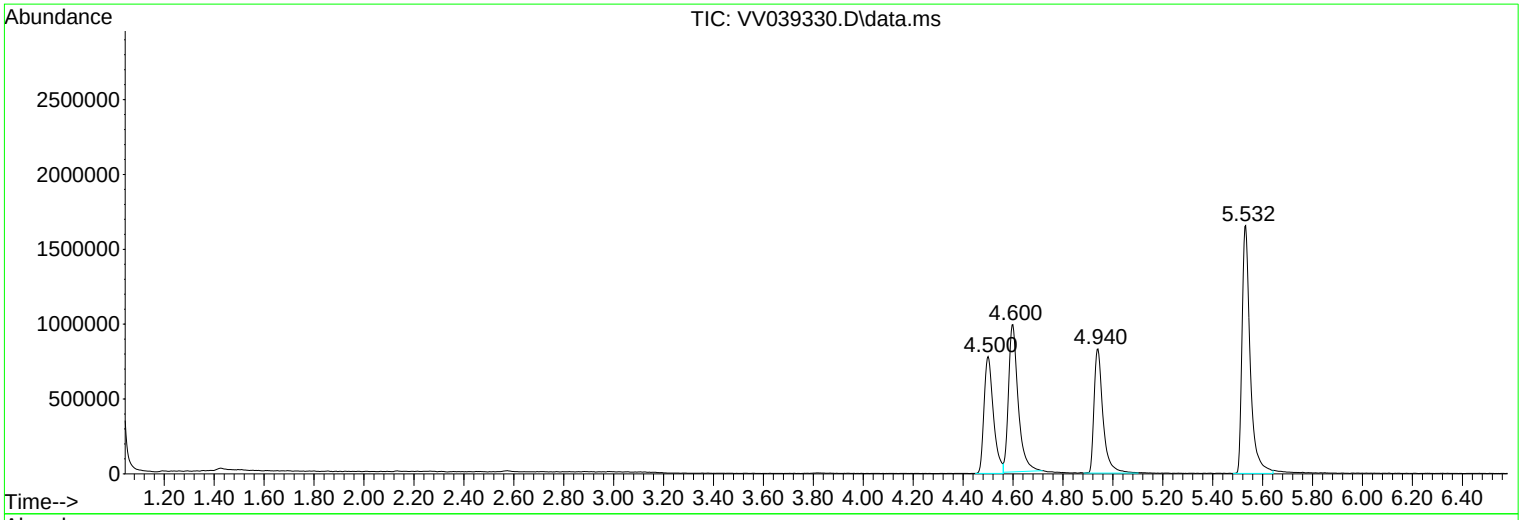
Sample Results: **VV039330.D**

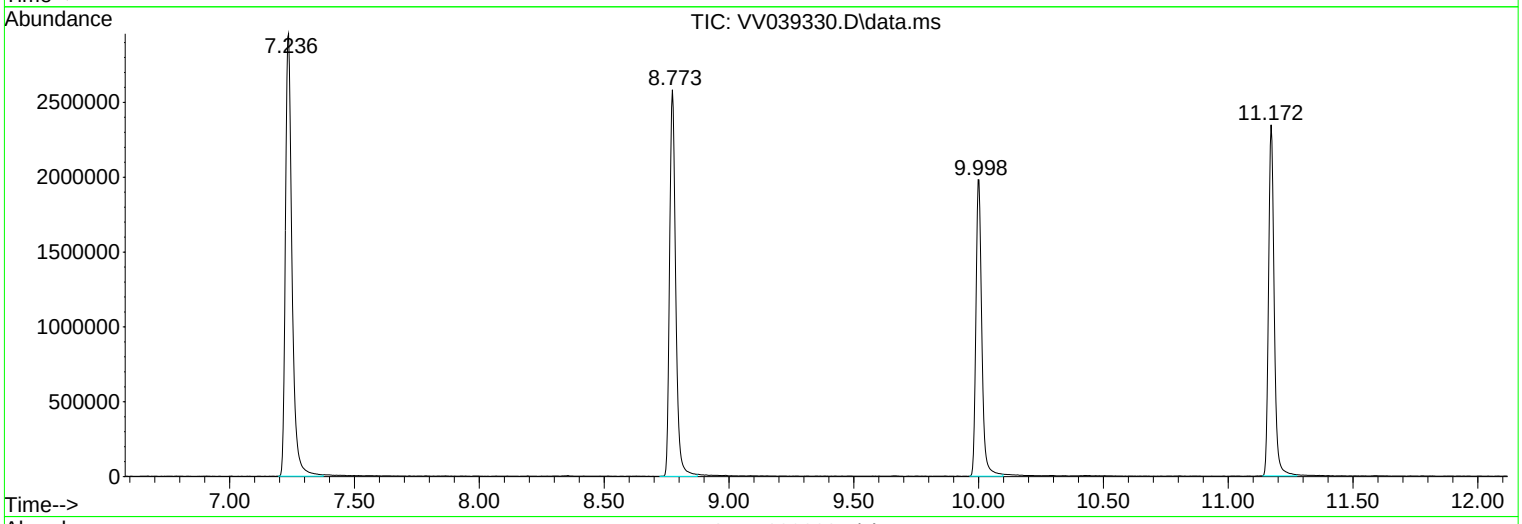
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039330.D
Acq On : 05 Nov 2025 12:29
Operator : SY/MD
Sample : VV1105WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

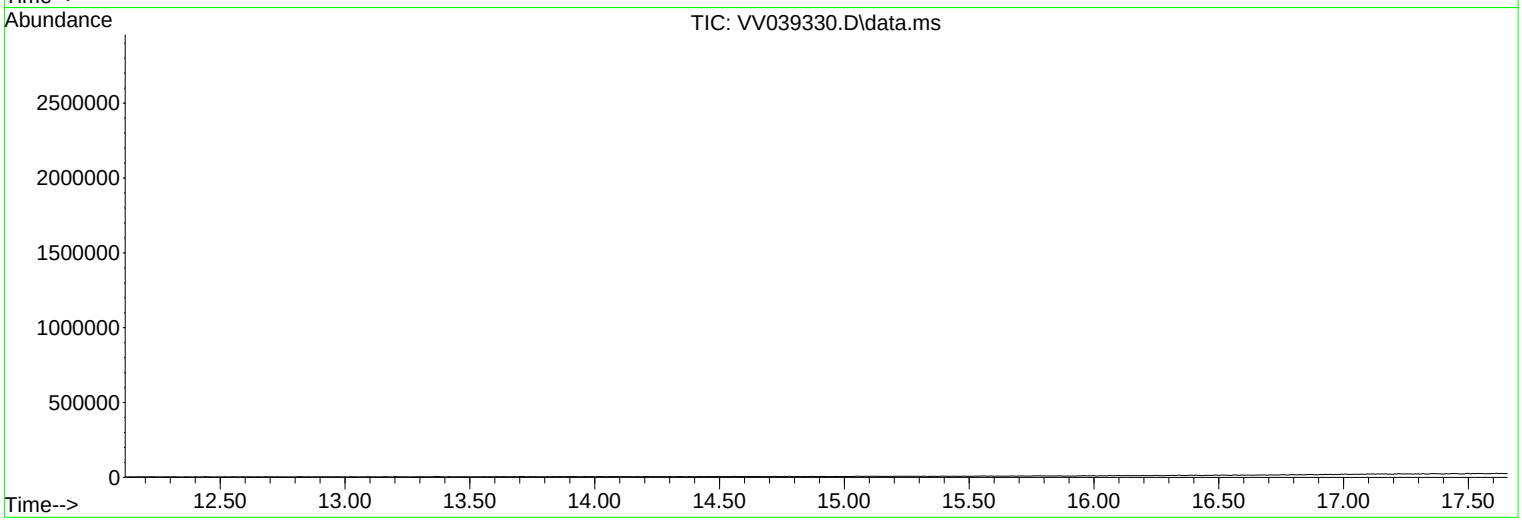
Instrument :
MSVOA_V
ClientSampleId :
VV1105WBL01

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\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

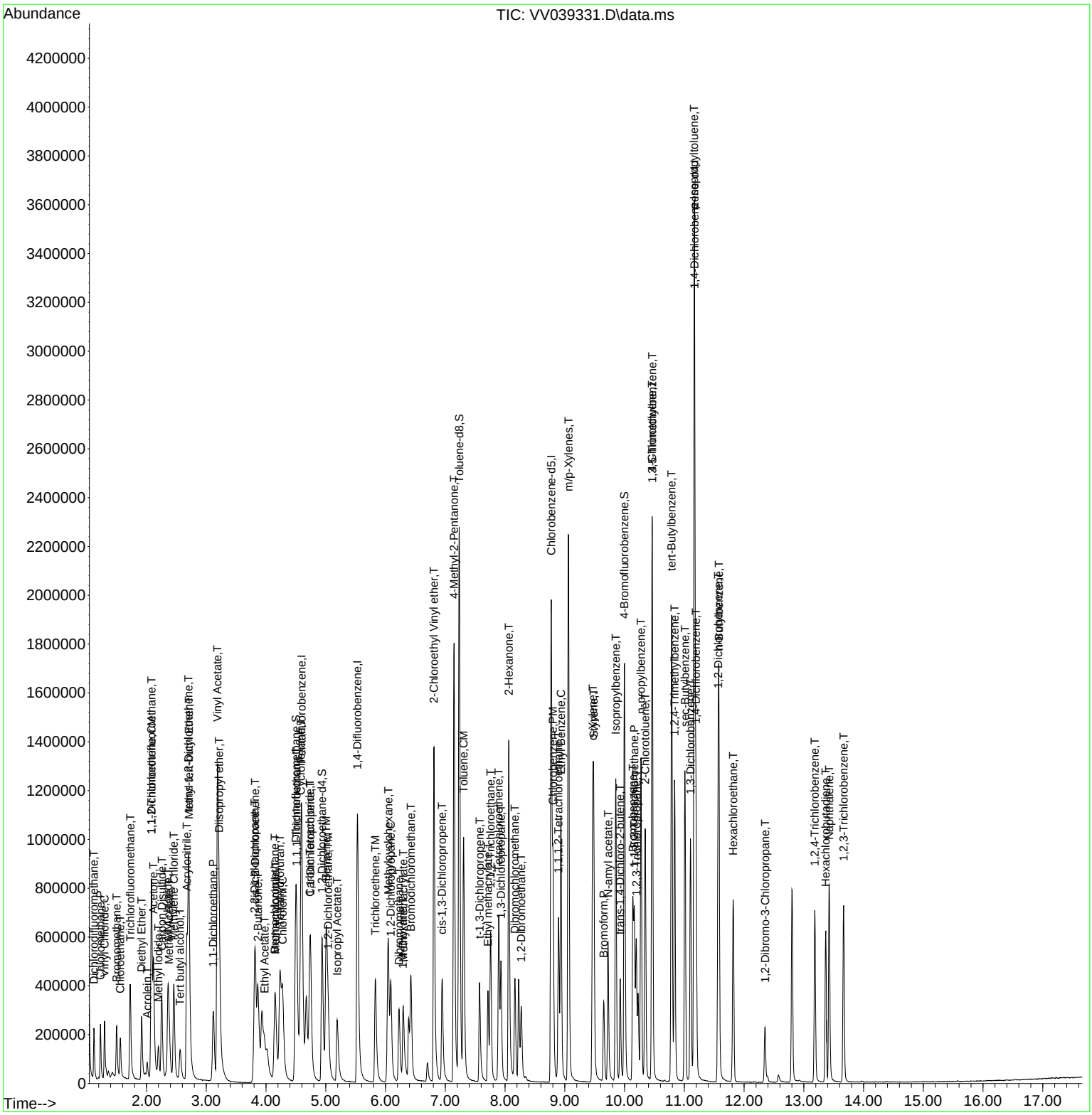
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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\VV110525\
Data File : VV039332.D
Acq On : 05 Nov 2025 13:17
Operator : SY/MD
Sample : VV1105WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBSD01

Quant Time: Nov 06 00:13:35 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	690271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1108460	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	609759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	510203	52.017	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.040%			
35) Dibromofluoromethane	4.500	113	449490	51.465	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.940%			
50) Toluene-d8	7.233	98	1597836	53.777	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 107.560%			
62) 4-Bromofluorobenzene	9.998	95	572225	54.077	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	146220	16.760	ug/l	99
3) Chloromethane	1.230	50	159751	17.587	ug/l	99
4) Vinyl Chloride	1.298	62	185810	17.931	ug/l	100
5) Bromomethane	1.500	94	120570	17.932	ug/l	99
6) Chloroethane	1.561	64	129893	21.418	ug/l	97
7) Trichlorofluoromethane	1.725	101	291748	18.429	ug/l	99
8) Diethyl Ether	1.918	74	108799	19.018	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	181308	19.127	ug/l	98
10) Methyl Iodide	2.198	142	149055	18.251	ug/l	99
11) Tert butyl alcohol	2.565	59	166736	87.718	ug/l	100
12) 1,1-Dichloroethene	2.085	96	167515	17.998	ug/l	99
13) Acrolein	2.011	56	60142	49.139	ug/l	92
14) Allyl chloride	2.359	41	274082	18.576	ug/l	99
15) Acrylonitrile	2.674	53	527167	93.519	ug/l	99
16) Acetone	2.118	43	509330	105.816	ug/l	99
17) Carbon Disulfide	2.253	76	477677	18.170	ug/l	100
18) Methyl Acetate	2.381	43	216186	17.009	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	556630	19.869	ug/l	99
20) Methylene Chloride	2.458	84	198518	21.545	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	182287	18.601	ug/l	97
22) Diisopropyl ether	3.214	45	550110	20.767	ug/l #	74
23) Vinyl Acetate	3.188	43	2413916	103.799	ug/l	99
24) 1,1-Dichloroethane	3.121	63	338212	19.057	ug/l	100
25) 2-Butanone	3.867	43	600600	100.127	ug/l	98
26) 2,2-Dichloropropane	3.812	77	278230	19.465	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	195363	19.910	ug/l	99
28) Bromochloromethane	4.146	49	150914	19.946	ug/l	99
29) Tetrahydrofuran	4.237	42	379687	98.999	ug/l	98
30) Chloroform	4.278	83	348726	19.269	ug/l	98
31) Cyclohexane	4.584	56	261404	20.223	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	302005	19.086	ug/l	100
36) 1,1-Dichloropropene	4.748	75	215914	19.683	ug/l	98
37) Ethyl Acetate	3.979	43	244819	19.063	ug/l	96
38) Carbon Tetrachloride	4.735	117	261566	19.572	ug/l	97
39) Methylcyclohexane	6.047	83	244575	19.508	ug/l	98
40) Benzene	5.011	78	703684	19.991	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039332.D
Acq On : 05 Nov 2025 13:17
Operator : SY/MD
Sample : VV1105WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBSD01

Quant Time: Nov 06 00:13:35 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	4.166	41	98163	18.958	ug/l		95
42) 1,2-Dichloroethane	5.040	62	238922	19.340	ug/l		100
43) Isopropyl Acetate	5.195	43	341886	20.334	ug/l		100
44) Trichloroethene	5.835	130	172679	19.508	ug/l		99
45) 1,2-Dichloropropane	6.092	63	178359	20.823	ug/l		100
46) Dibromomethane	6.227	93	139548	19.492	ug/l		99
47) Bromodichloromethane	6.426	83	275844	19.554	ug/l		99
48) Methyl methacrylate	6.298	41	146512	18.810	ug/l		97
49) 1,4-Dioxane	6.291	88	52005	401.352	ug/l		93
51) 4-Methyl-2-Pentanone	7.146	43	1223731	104.909	ug/l		97
52) Toluene	7.307	92	451768	21.256	ug/l		100
53) t-1,3-Dichloropropene	7.574	75	255657	20.737	ug/l		100
54) cis-1,3-Dichloropropene	6.950	75	285977	20.864	ug/l		99
55) 1,1,2-Trichloroethane	7.760	97	194718	20.290	ug/l		99
56) Ethyl methacrylate	7.715	69	224114	20.612	ug/l		98
57) 1,3-Dichloropropane	7.934	76	297149	20.518	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.812	63	654835	104.624	ug/l		99
59) 2-Hexanone	8.063	43	904520	105.624	ug/l		96
60) Dibromochloromethane	8.166	129	224625	20.018	ug/l		99
61) 1,2-Dibromoethane	8.272	107	201318	20.146	ug/l		99
64) Tetrachloroethene	7.896	164	155960	20.075	ug/l		97
65) Chlorobenzene	8.802	112	505581	20.053	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186681	19.768	ug/l		98
67) Ethyl Benzene	8.937	91	757371	20.394	ug/l		99
68) m/p-Xylenes	9.063	106	635807	43.166	ug/l		98
69) o-Xylene	9.468	106	277840	21.360	ug/l		99
70) Styrene	9.487	104	510503	22.057	ug/l		99
71) Bromoform	9.654	173	150752	19.740	ug/l	#	99
73) Isopropylbenzene	9.854	105	778623	21.028	ug/l		100
74) N-amyl acetate	9.725	43	291290	19.092	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.166	83	307667	18.094	ug/l		99
76) 1,2,3-Trichloropropane	10.198	75	227760	18.715	ug/l		95
77) Bromobenzene	10.140	156	207064	20.342	ug/l		99
78) n-propylbenzene	10.278	91	934818	20.807	ug/l		100
79) 2-Chlorotoluene	10.346	91	590696	21.295	ug/l		99
80) 1,3,5-Trimethylbenzene	10.465	105	672243	21.647	ug/l		100
81) trans-1,4-Dichloro-2-b...	9.928	75	92394	19.173	ug/l		99
82) 4-Chlorotoluene	10.461	91	686682	21.537	ug/l		99
83) tert-Butylbenzene	10.789	119	614811	19.938	ug/l		99
84) 1,2,4-Trimethylbenzene	10.838	105	659676	21.578	ug/l		100
85) sec-Butylbenzene	11.011	105	801575	20.560	ug/l		100
86) p-Isopropyltoluene	11.165	119	693353	20.684	ug/l		99
87) 1,3-Dichlorobenzene	11.104	146	407017	20.047	ug/l		100
88) 1,4-Dichlorobenzene	11.194	146	436065	19.191	ug/l		99
89) n-Butylbenzene	11.580	91	615426	19.714	ug/l		99
90) Hexachloroethane	11.818	117	152309	18.375	ug/l		99
91) 1,2-Dichlorobenzene	11.567	146	375694	19.453	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	60725	17.368	ug/l		98
93) 1,2,4-Trichlorobenzene	13.185	180	213606	19.831	ug/l		99
94) Hexachlorobutadiene	13.368	225	95038	17.424	ug/l		99
95) Naphthalene	13.426	128	669914	18.983	ug/l		99
96) 1,2,3-Trichlorobenzene	13.667	180	217871	19.461	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039332.D
Acq On : 05 Nov 2025 13:17
Operator : SY/MD
Sample : VV1105WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBSD01

Quant Time: Nov 06 00:13:35 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

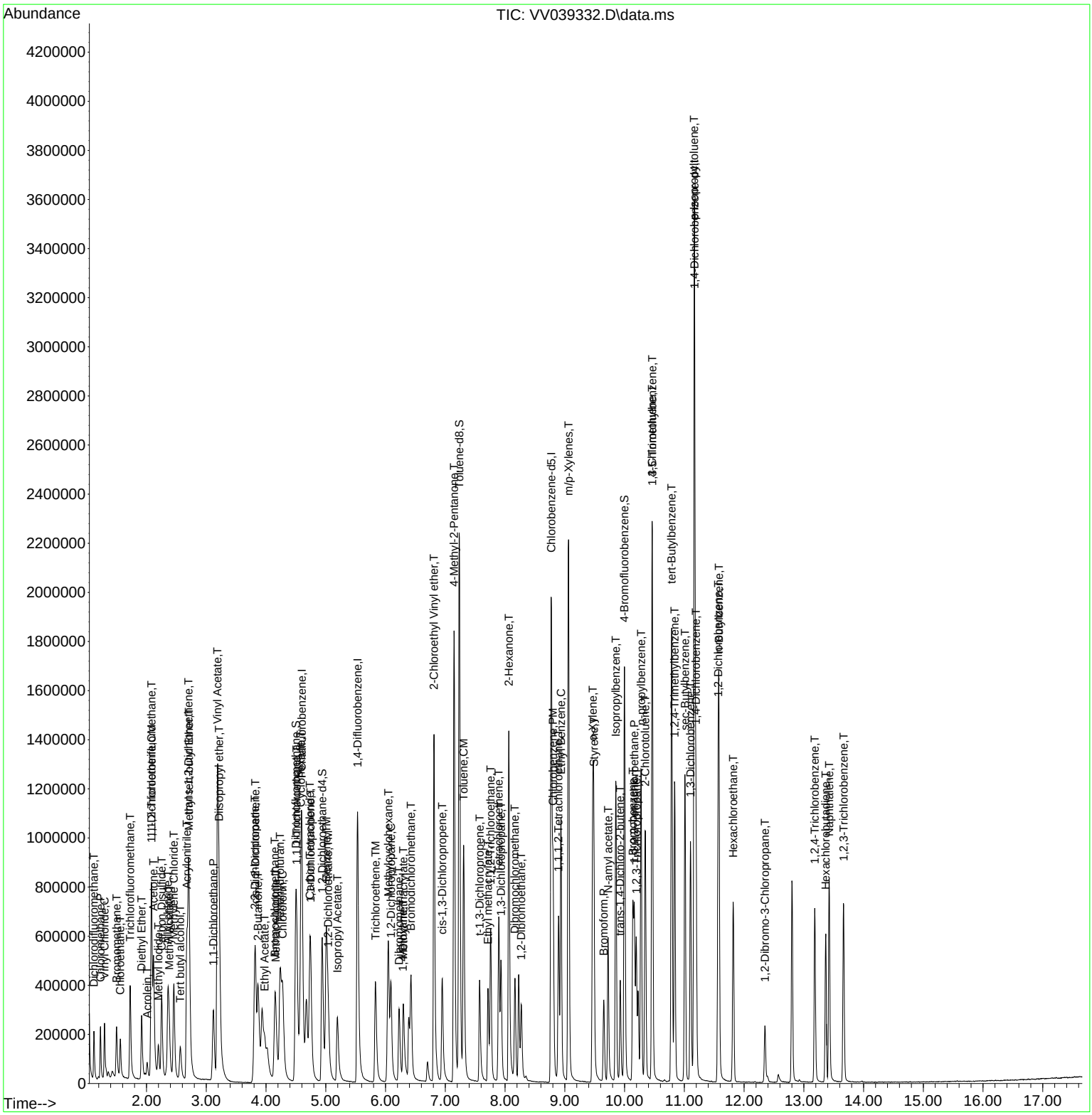
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039332.D
Acq On : 05 Nov 2025 13:17
Operator : SY/MD
Sample : VV1105WBSD01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1105WBSD01

Quant Time: Nov 06 00:13:35 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

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Manual Integration Report

Sequence:	VV110525	Instrument	MSVOA_v

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3552-03	VV039339.D	Diisopropyl ether	Amit	11/6/2025 11:32:51 AM	MMDadoda	11/6/2025 11:33:26 AM	Peak Integrated by Software
Q3552-01	VV039342.D	2-Chlorotoluene	Amit	11/6/2025 11:32:55 AM	MMDadoda	11/6/2025 11:33:30 AM	Peak Integrated by Software
Q3552-01	VV039342.D	n-Butylbenzene	Amit	11/6/2025 11:32:55 AM	MMDadoda	11/6/2025 11:33:30 AM	Peak Integrated by Software

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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 # 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

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	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

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	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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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	

19	VSTDCCC050	VSTDCCC050EC	VV039345.D	05 Nov 2025 18:50		SY/MD	Ok

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**Water**			**11/04/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3552-02	**MW-8**	**Water**			**11/04/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3552-03	**MW-9**	**Water**			**11/04/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3552-04	**MW-10**	**Water**			**11/05/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3552-05	**MW-3**	**Water**			**11/04/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	
Q3552-06	**TB**	**Water**			**11/05/25**			**11/05/25**
			VOC-TCLVOA-10	8260-Low			11/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	WATER	1,4-Dioxane	69.300	E	0.07	0.2	ug/L
			Total Svoc :	**69.30**				
			Total Concentration:	**69.30**				
Client ID : MW-4DL								
Q3552-01DL	MW-4DL	WATER	1,4-Dioxane	85.600	D	2.6	8	ug/L
			Total Svoc :	**85.60**				
			Total Concentration:	**85.60**				
Client ID : MW-8								
Q3552-02	MW-8	WATER	1,4-Dioxane	9.000	E	0.07	0.2	ug/L
			Total Svoc :	**9.00**				
			Total Concentration:	**9.00**				
Client ID : MW-8DL								
Q3552-02DL	MW-8DL	WATER	1,4-Dioxane	11.200	D	0.33	1	ug/L
			Total Svoc :	**11.20**				
			Total Concentration:	**11.20**				
Client ID : MW-9								
Q3552-03	MW-9	WATER	1,4-Dioxane	19.900	E	0.07	0.2	ug/L
			Total Svoc :	**19.90**				
			Total Concentration:	**19.90**				
Client ID : MW-9DL								
Q3552-03DL	MW-9DL	WATER	1,4-Dioxane	13.800	D	0.33	1	ug/L
			Total Svoc :	**13.80**				
			Total Concentration:	**13.80**				
Client ID : MW-10								
Q3552-04	MW-10	WATER	1,4-Dioxane	0.650		0.07	0.2	ug/L
			Total Svoc :	**0.65**				
			Total Concentration:	**0.65**				
Client ID : MW-3								
Q3552-05	MW-3	WATER	1,4-Dioxane	13.300	E	0.07	0.21	ug/L
			Total Svoc :	**13.30**				
			Total Concentration:	**13.30**				
Client ID : MW-3DL								
Q3552-05DL	MW-3DL	WATER	1,4-Dioxane	9.700	D	0.34	1	ug/L
			Total Svoc :	**9.70**				

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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:	**9.70**				

SAMPLE DATA

Raw Data: **BN038161.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:	11/05/25
Client Sample ID:	MW-4			SDG No.:	Q3552
Lab Sample ID:	Q3552-01			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	69.3	E	1	0.070	0.20	ug/L	11/07/25 19:10	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.27			30 (54) - 150 (157)	68%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (27) - 130 (154)	98%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	76%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	114%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9580							
1146-65-2	Naphthalene-d8	31300							
15067-26-2	Acenaphthene-d10	19600							
1517-22-2	Phenanthrene-d10	29600							
1719-03-5	Chrysene-d12	19300							
1520-96-3	Perylene-d12	19600							

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: **BN038177.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:	11/05/25
Client Sample ID:	MW-4DL			SDG No.:	Q3552
Lab Sample ID:	Q3552-01DL			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	85.6	D	40	2.60	8.00	ug/L	11/10/25 12:02	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	80%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.56	*		30 (27) - 130 (154)	140%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.60	*		30 (30) - 130 (155)	150%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.72	*		30 (54) - 130 (175)	180%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9410							
1146-65-2	Naphthalene-d8	31200							
15067-26-2	Acenaphthene-d10	19400							
1517-22-2	Phenanthrene-d10	36900							
1719-03-5	Chrysene-d12	22600							
1520-96-3	Perylene-d12	19700							

U = Not Detected
LOQ = Limit of Quantitation
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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

Raw Data: **BN038162.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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	9.00	E	1	0.070	0.20	ug/L	11/07/25 19:46	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	89%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	74%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.62	*		30 (54) - 130 (175)	154%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9440							
1146-65-2	Naphthalene-d8	31600							
15067-26-2	Acenaphthene-d10	21900							
1517-22-2	Phenanthrene-d10	34000							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	17700							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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: **BN038180.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:	11/05/25
Client Sample ID:	MW-8DL			SDG No.:	Q3552
Lab Sample ID:	Q3552-02DL			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	11.2	D	5	0.33	1.00	ug/L	11/10/25 13:52	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.42			30 (20) - 150 (139)	105%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.43			30 (54) - 150 (157)	106%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.46			30 (27) - 130 (154)	115%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.51			30 (30) - 130 (155)	127%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.78	*		30 (54) - 130 (175)	194%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8860							
1146-65-2	Naphthalene-d8	29400							
15067-26-2	Acenaphthene-d10	18100							
1517-22-2	Phenanthrene-d10	31900							
1719-03-5	Chrysene-d12	18300							
1520-96-3	Perylene-d12	17100							

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: **BN038154.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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	19.9	E	1	0.070	0.20	ug/L	11/07/25 14:56	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	89%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.31			30 (54) - 150 (157)	78%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.40			30 (27) - 130 (154)	99%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	74%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.50			30 (54) - 130 (175)	124%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	10300							
1146-65-2	Naphthalene-d8	33200							
15067-26-2	Acenaphthene-d10	28400							
1517-22-2	Phenanthrene-d10	32700							
1719-03-5	Chrysene-d12	18500							
1520-96-3	Perylene-d12	19700							

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: **BN038179.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:	11/05/25
Client Sample ID:	MW-9DL			SDG No.:	Q3552
Lab Sample ID:	Q3552-03DL			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	13.8	D	5	0.33	1.00	ug/L	11/10/25 13:16	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.27			30 (20) - 150 (139)	68%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.22			30 (54) - 150 (157)	54%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.26			30 (27) - 130 (154)	65%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.29			30 (30) - 130 (155)	72%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.41			30 (54) - 130 (175)	101%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9070							
1146-65-2	Naphthalene-d8	30900							
15067-26-2	Acenaphthene-d10	19000							
1517-22-2	Phenanthrene-d10	33100							
1719-03-5	Chrysene-d12	19000							
1520-96-3	Perylene-d12	17700							

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: **BN038160.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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	0.65		1	0.070	0.20	ug/L	11/07/25 18:34	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	0.33			30 (27) - 130 (154)	82%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (30) - 130 (155)	96%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.62	*		30 (54) - 130 (175)	156%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8830							
1146-65-2	Naphthalene-d8	28600							
15067-26-2	Acenaphthene-d10	17100							
1517-22-2	Phenanthrene-d10	31600							
1719-03-5	Chrysene-d12	18300							
1520-96-3	Perylene-d12	16900							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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: **BN038156.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:	11/05/25
Client Sample ID:	MW-3			SDG No.:	Q3552
Lab Sample ID:	Q3552-05			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 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	13.3	E	1	0.070	0.21	ug/L	11/07/25 16:10	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.43			30 (20) - 150 (139)	108%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	89%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.43			30 (27) - 130 (154)	107%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.28			30 (30) - 130 (155)	70%	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	10800							
1146-65-2	Naphthalene-d8	36400							
15067-26-2	Acenaphthene-d10	31600							
1517-22-2	Phenanthrene-d10	41200							
1719-03-5	Chrysene-d12	24200							
1520-96-3	Perylene-d12	21500							

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LOD = Limit of Detection
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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: **BN038178.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:	11/05/25
Client Sample ID:	MW-3DL			SDG No.:	Q3552
Lab Sample ID:	Q3552-05DL			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	960 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	9.70	D	5	0.34	1.00	ug/L	11/10/25 12:39	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.30			30 (20) - 150 (139)	74%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.27			30 (54) - 150 (157)	66%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (27) - 130 (154)	74%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	106%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	11300							
1146-65-2	Naphthalene-d8	37600							
15067-26-2	Acenaphthene-d10	24500							
1517-22-2	Phenanthrene-d10	44200							
1719-03-5	Chrysene-d12	28600							
1520-96-3	Perylene-d12	24500							

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.: Q3552

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)
Q3552-01	MW-4	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.27	68		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	98		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.46	114		30 (54)	130 (175)
Q3552-01DL	MW-4DL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.56	140	*	30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.60	150	*	30 (30)	130 (155)
		Terphenyl-d14	0.4	0.72	180	*	30 (54)	130 (175)
Q3552-02	MW-8	2-Methylnaphthalene-d10	0.4	0.36	91		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	89		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	74		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.62	154	*	30 (54)	130 (175)
Q3552-02DL	MW-8DL	2-Methylnaphthalene-d10	0.4	0.42	105		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.43	106		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.46	115		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.51	127		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.78	194	*	30 (54)	130 (175)
Q3552-03	MW-9	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	78		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.40	99		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	74		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.50	124		30 (54)	130 (175)
Q3552-03DL	MW-9DL	2-Methylnaphthalene-d10	0.4	0.27	68		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.22	54		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.26	65		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.29	72		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)
Q3552-04	MW-10	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	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	96		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.62	156	*	30 (54)	130 (175)
Q3552-05	MW-3	2-Methylnaphthalene-d10	0.4	0.43	108		30 (20)	150 (139)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3552-05	MW-3	Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.43	107		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.28	70		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	136	*	30 (54)	130 (175)
Q3552-05DL	MW-3DL	2-Methylnaphthalene-d10	0.4	0.30	74		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.27	66		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	74		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	75		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	106		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552 **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	RPD
PB170427BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3552 **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.: Q3552

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-9	Q3552-03	BN038154.D	11/07/2025
MW-10	Q3552-04	BN038160.D	11/07/2025
MW-4	Q3552-01	BN038161.D	11/07/2025
MW-8	Q3552-02	BN038162.D	11/07/2025
MW-3	Q3552-05	BN038156.D	11/07/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3552

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.: Q3552

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
PB170427BS	PB170427BS	BN038152.D	11/07/2025	13:44
PB170427BSD	PB170427BSD	BN038153.D	11/07/2025	14:20
MW-9	Q3552-03	BN038154.D	11/07/2025	14:56
MW-3	Q3552-05	BN038156.D	11/07/2025	16:10
MW-10	Q3552-04	BN038160.D	11/07/2025	18:34
MW-4	Q3552-01	BN038161.D	11/07/2025	19:10
MW-8	Q3552-02	BN038162.D	11/07/2025	19:46

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3552

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-4DL	Q3552-01DL	BN038177.D	11/10/2025	12:02
MW-3DL	Q3552-05DL	BN038178.D	11/10/2025	12:39
MW-9DL	Q3552-03DL	BN038179.D	11/10/2025	13:16
MW-8DL	Q3552-02DL	BN038180.D	11/10/2025	13:52

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3552

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-4	9584	7.78	31274	10.57	19621		14.43
04	MW-8	9440	7.78	31588	10.57	21904		14.43
05	MW-9	10349	7.78	33209	10.57	28422	*	14.43
06	MW-10	8828	7.78	28618	10.57	17122		14.43
07	MW-3	10844	7.78	36387	10.57	31553	*	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.: Q3552

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-4	29623	17.19	19333	21.38	19622	23.69
04	MW-8	34017	17.19	18758	21.38	17749	23.69
05	MW-9	32687	17.19	18523	21.38	19674	23.69
06	MW-10	31605	17.19	18345	21.38	16948	23.69
07	MW-3	41176	17.19	24174	21.38	21532	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.: Q3552

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-4DL	9410	7.78	31248	10.57	19363	14.43
03	MW-8DL	8860	7.78	29425	10.57	18072	14.43
04	MW-9DL	9073	7.78	30875	10.57	19011	14.43
05	MW-3DL	11254	7.78	37609	10.57	24476	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.: Q3552

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-4DL	36917	17.19	22577	21.38	19722	23.68
03	MW-8DL	31918	17.19	18273	21.38	17133	23.68
04	MW-9DL	33058	17.19	19022	21.38	17692	23.68
05	MW-3DL	44166	17.19	28574	21.38	24475	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.

QC SAMPLE DATA

Raw Data: **BN038175.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:	PB170427BL			SDG No.:	Q3552
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.:	Q3552
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
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:	PB170427BSD			SDG No.:	Q3552
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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3552

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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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3552

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 : BN038161.D
Acq On : 07 Nov 2025 19:10
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 08 03:05:39 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-4

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	9584	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31274	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19621	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	29623	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	19333	0.400	ng	#	0.00
35) Perylene-d12	23.686	264	19622	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	6171	0.273	ng		0.00
5) Phenol-d6	6.937	99	4629	0.168	ng		0.00
8) Nitrobenzene-d5	8.928	82	9871	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	15980	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2999	0.371	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	23813	0.303	ng		0.00
27) Fluoranthene-d10	19.220	212	20328	0.272	ng		0.00
31) Terphenyl-d14	19.819	244	19095	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	686645	69.340	ng		99
9) Naphthalene	10.626	128	164673	1.912	ng		99
12) 2-Methylnaphthalene	12.248	142	204766	3.565	ng		99
17) Acenaphthene	14.494	154	59416	0.956	ng		97
18) Fluorene	15.489	166	41980	0.515	ng	#	92
25) Phenanthrene	17.223	178	65665	0.698	ng	#	96
26) Anthracene	17.322	178	9502m	0.115	ng		
28) Fluoranthene	19.252	202	5689	0.054	ng	#	68
30) Pyrene	19.615	202	4584	0.053	ng	#	63
34) Bis(2-ethylhexyl)phtha...	21.304	149	14269	0.393	ng		96

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

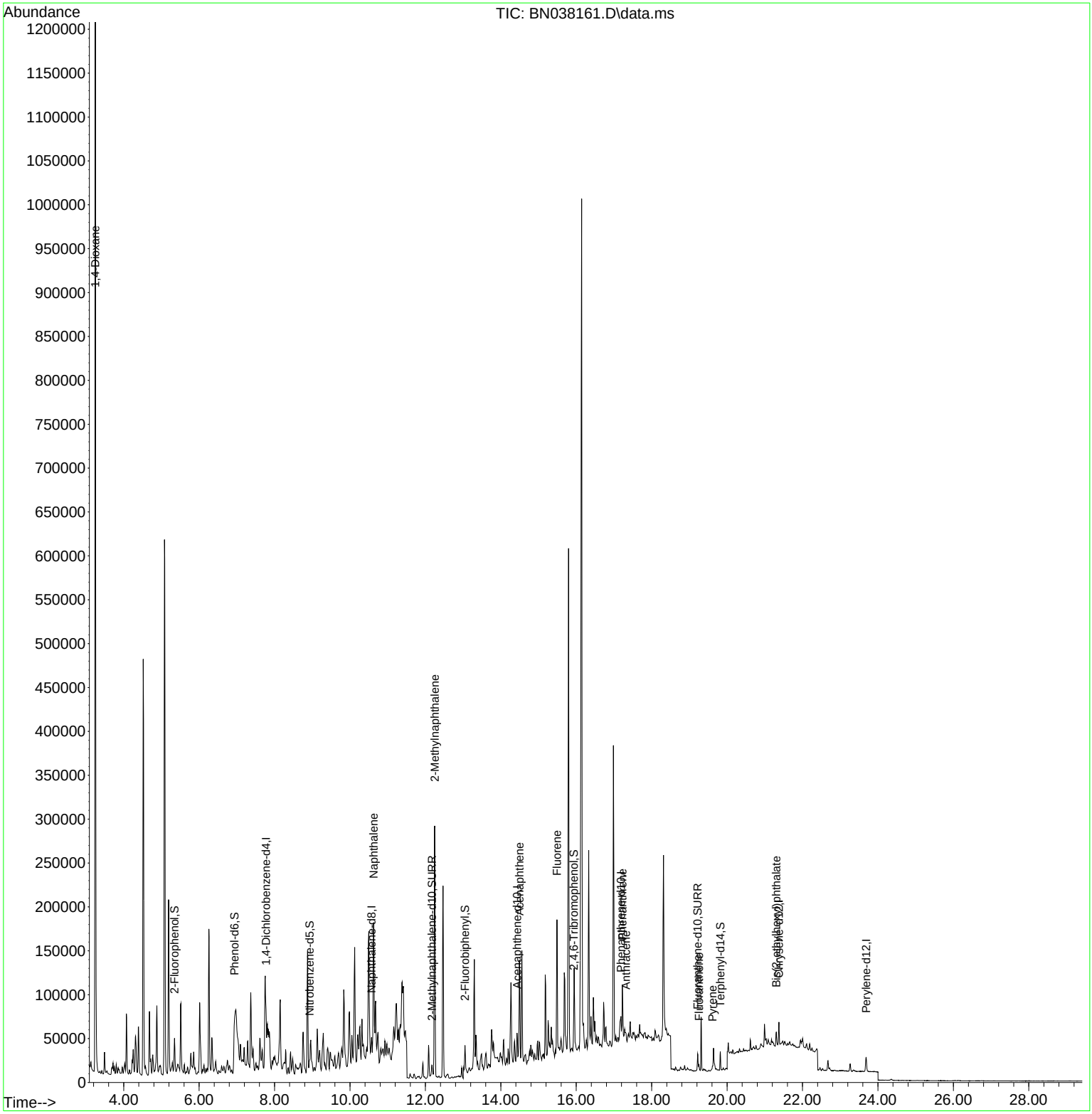
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038161.D
Acq On : 07 Nov 2025 19:10
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

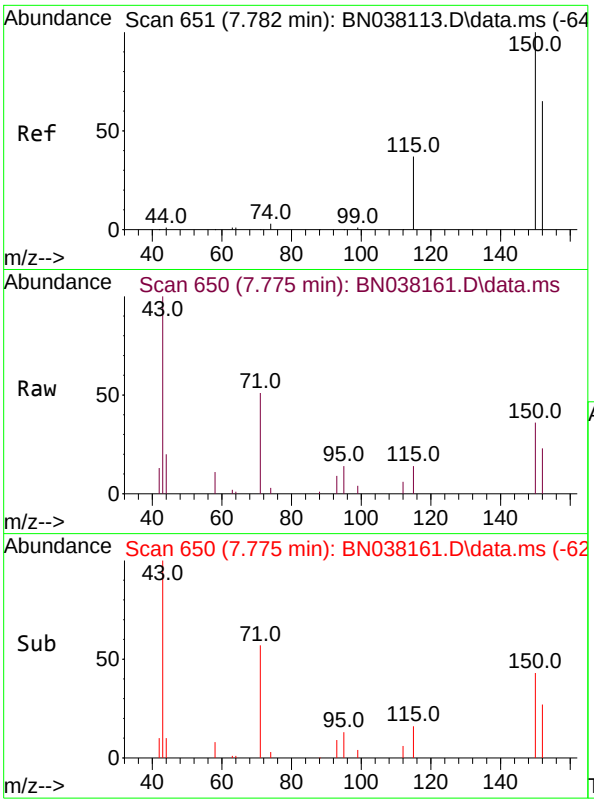
Quant Time: Nov 08 03:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

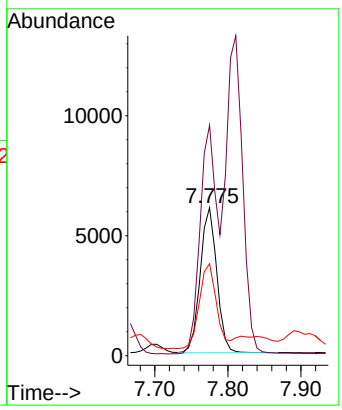




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:152 Resp: 958

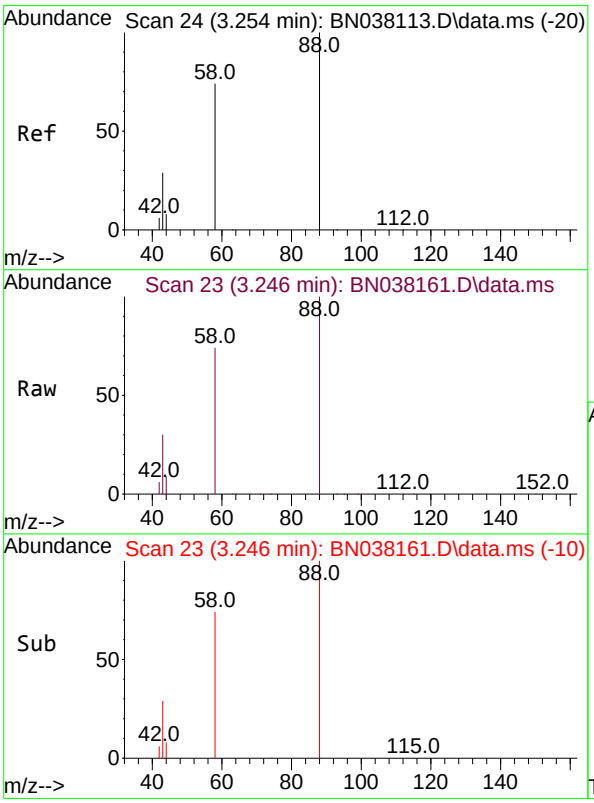
Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.3	183.5
115	62.1	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

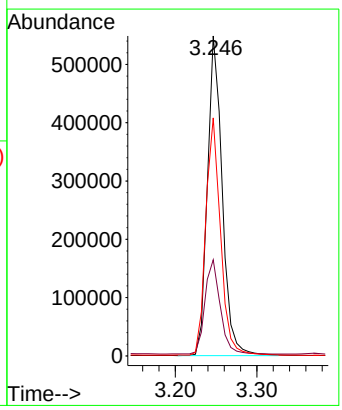
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

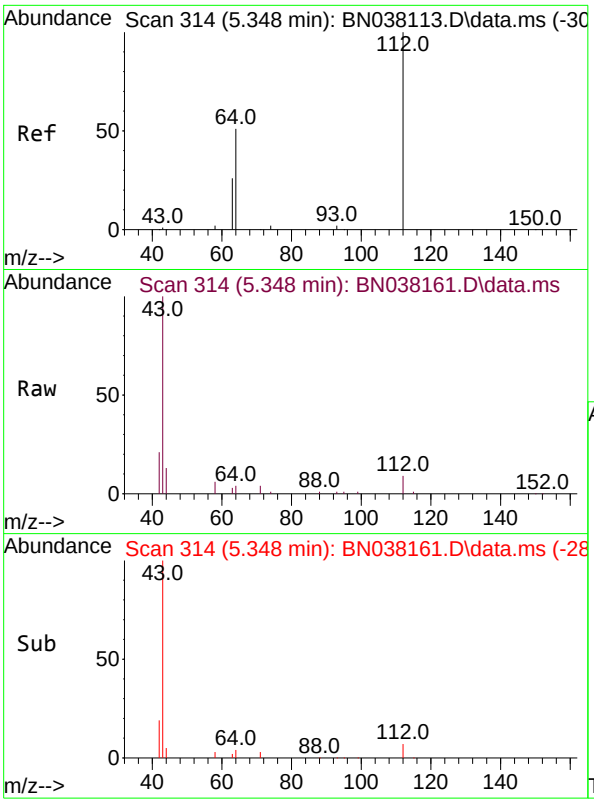


#2
1,4-Dioxane
Concen: 69.340 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 88 Resp: 686645

Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.3	36.5
58	74.1	60.4	90.6

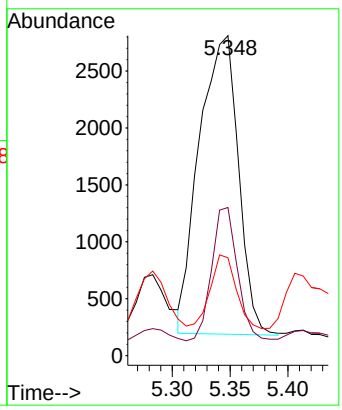




#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.348 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:112 Resp: 617

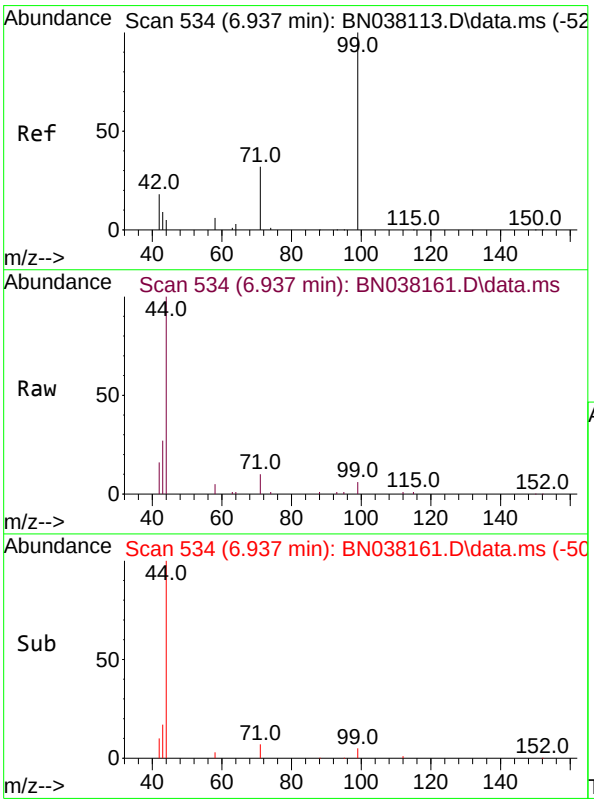
Ion	Ratio	Lower	Upper
112	100		
64	30.8	45.4	68.0#
63	18.2	23.2	34.8#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

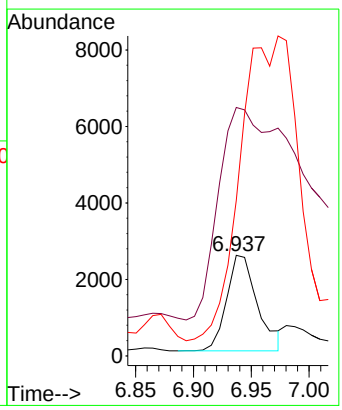
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

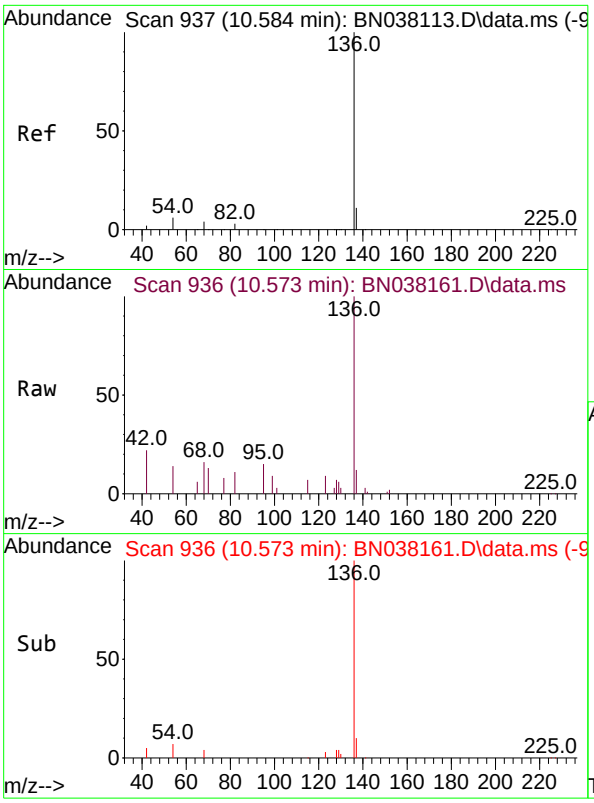


#5
Phenol-d6
Concen: 0.168 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 99 Resp: 4629

Ion	Ratio	Lower	Upper
99	100		
42	748.7	16.6	24.8#
71	0.0	25.4	38.2#

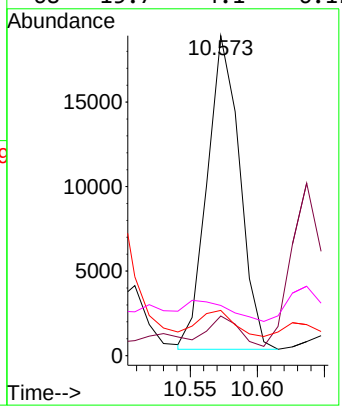




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:136 Resp: 3127

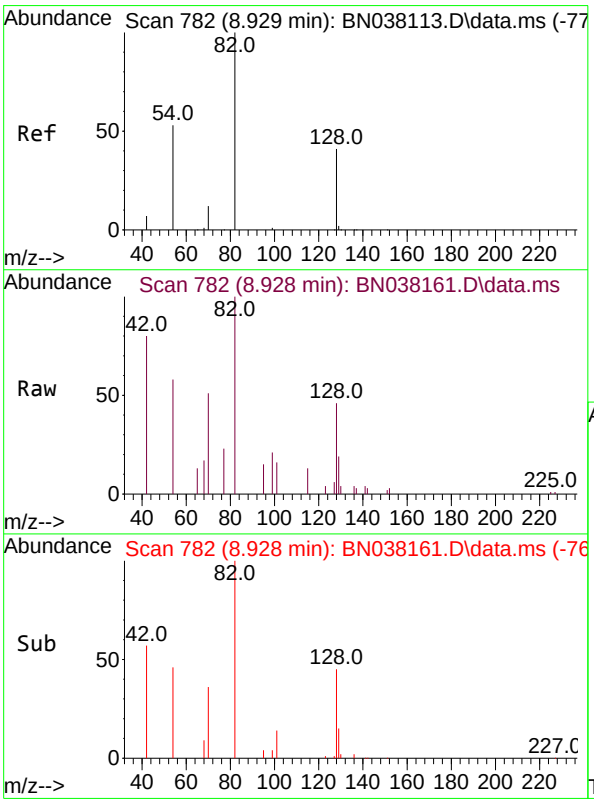
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.4
54	14.1	5.2	7.8#
68	15.7	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

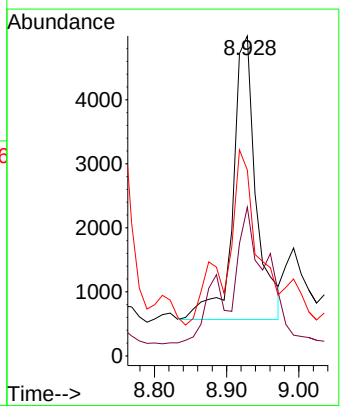
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

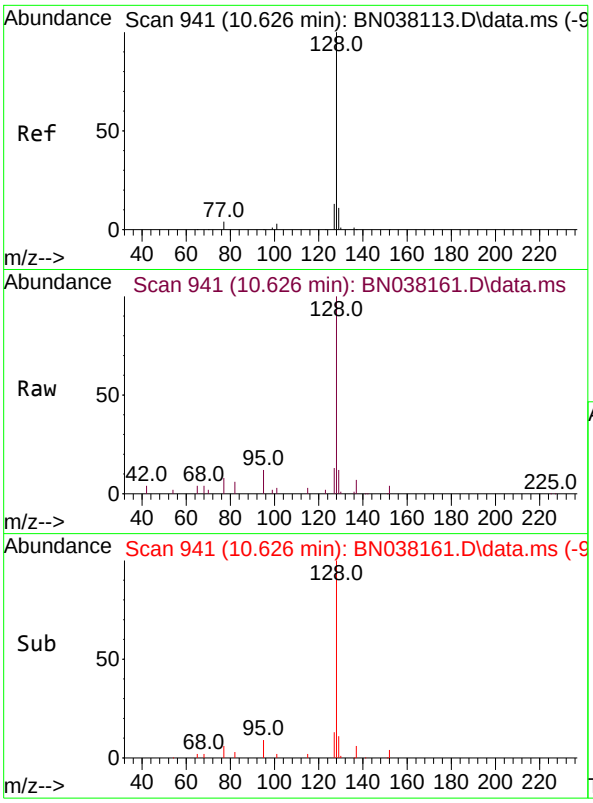


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.928 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 82 Resp: 9871

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.1	51.1
54	58.1	43.5	65.3

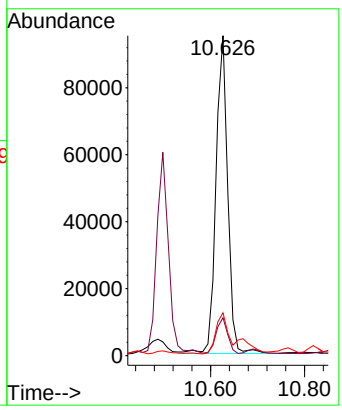




#9
Naphthalene
Concen: 1.912 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:128 Resp: 16467

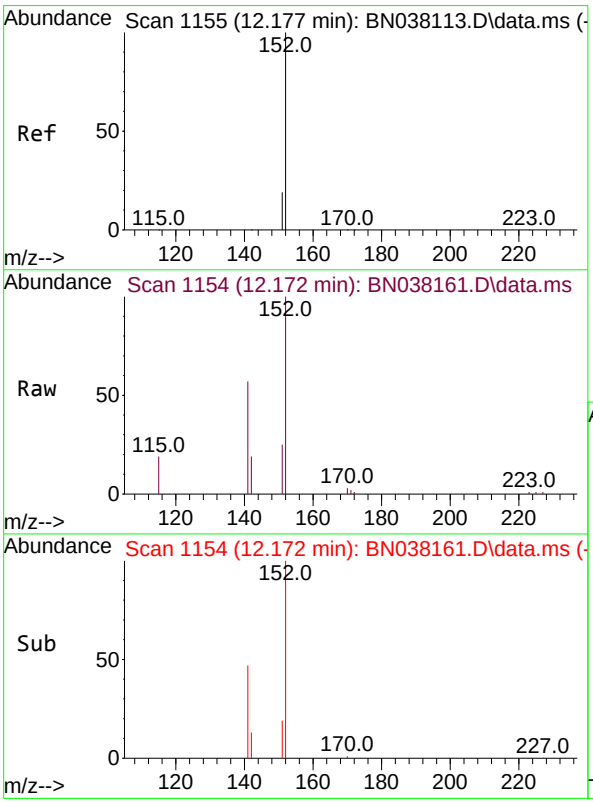
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.4	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

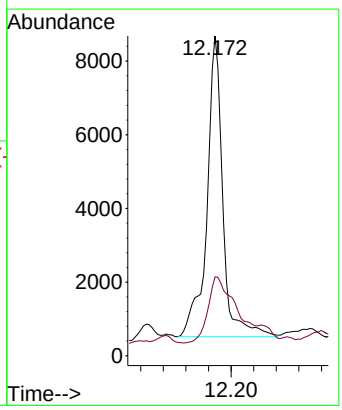
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

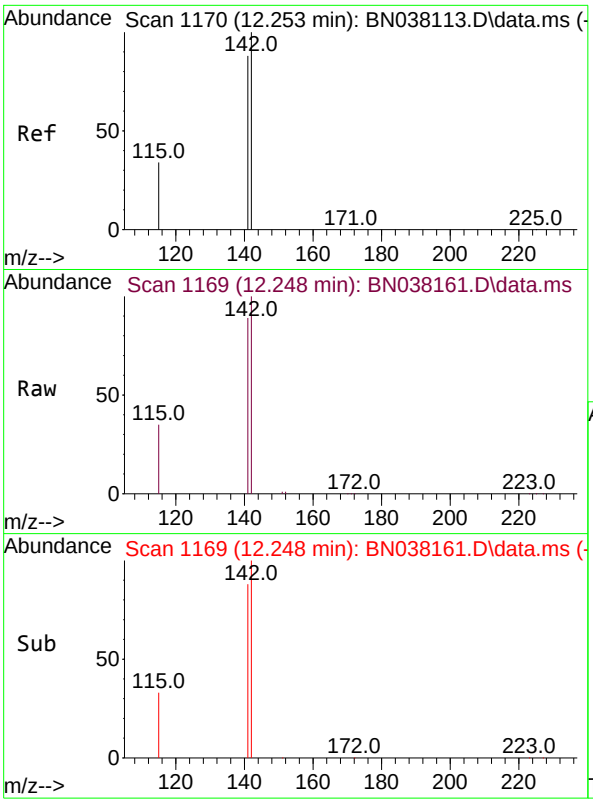


#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:152 Resp: 15980

Ion	Ratio	Lower	Upper
152	100		
151	39.4	16.8	25.2#

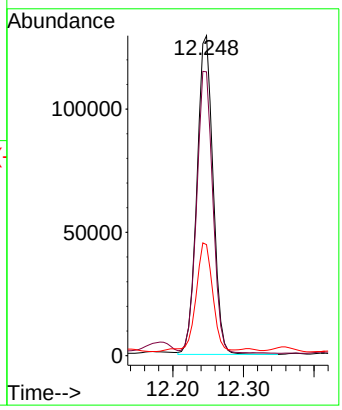




#12
2-Methylnaphthalene
Concen: 3.565 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:142 Resp: 20476

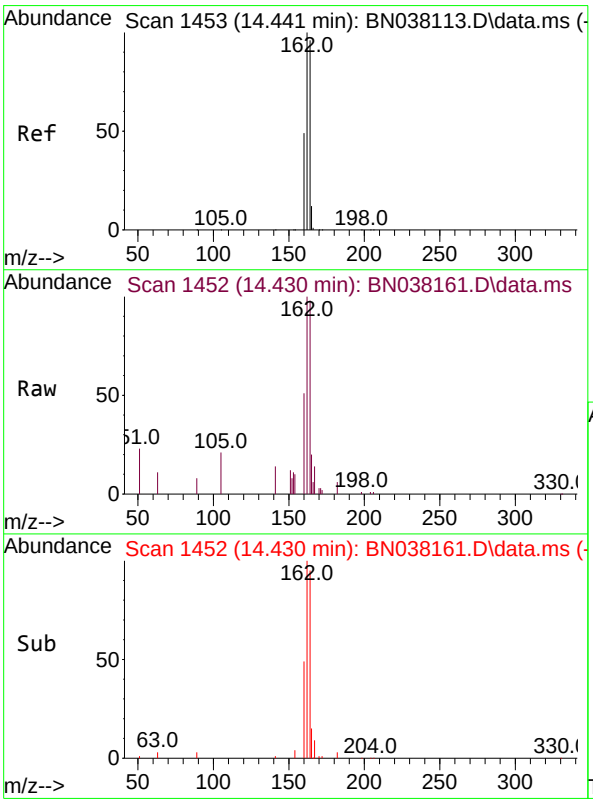
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	34.7	27.8	41.6



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED

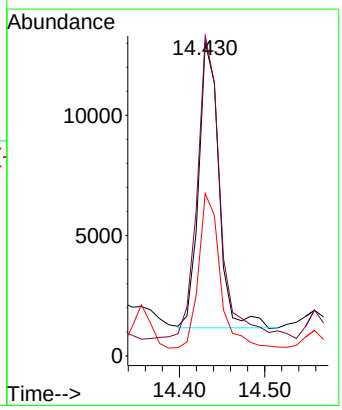
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

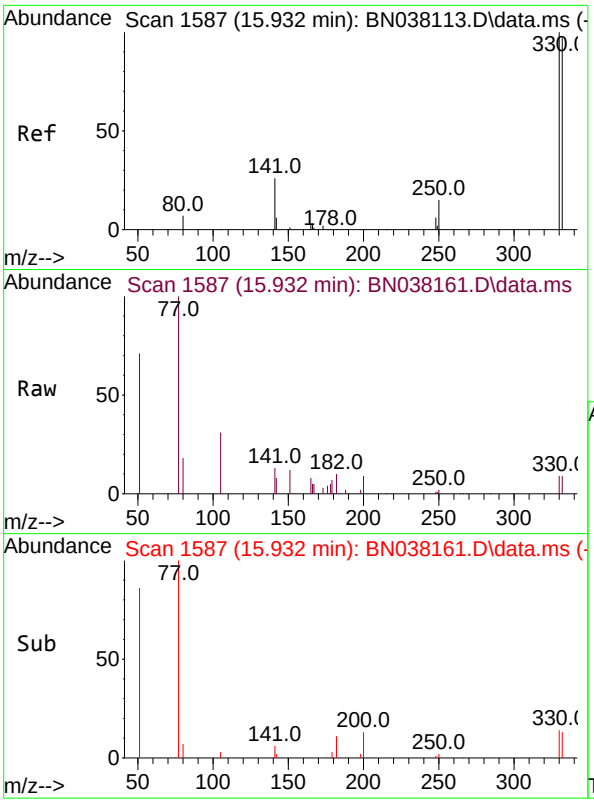


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:164 Resp: 19621

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.4
160	51.9	40.7	61.1

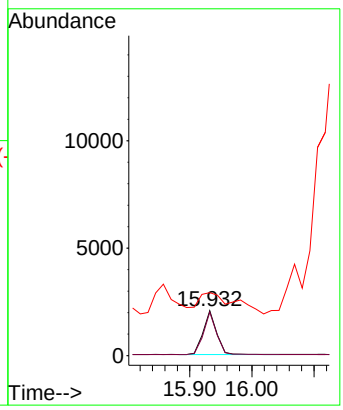




#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.932 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:330 Resp: 2999

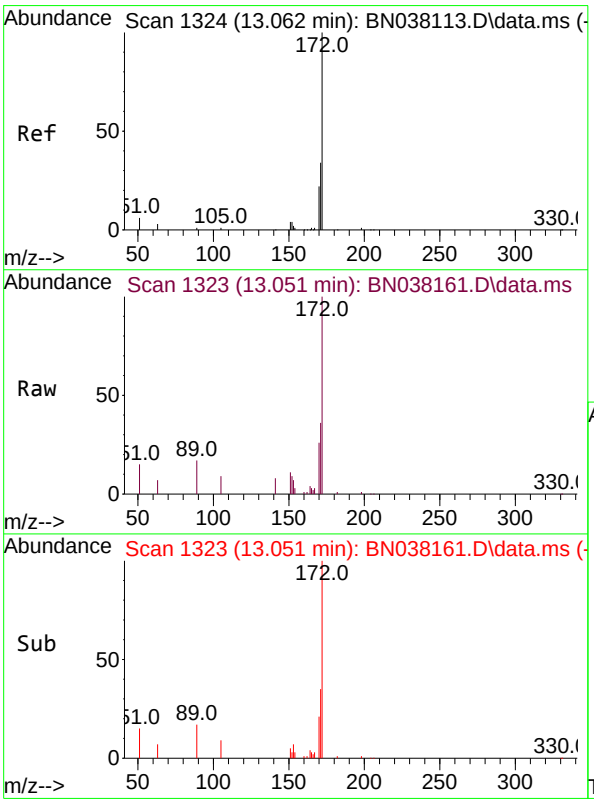
Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	139.8	34.1	51.1#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

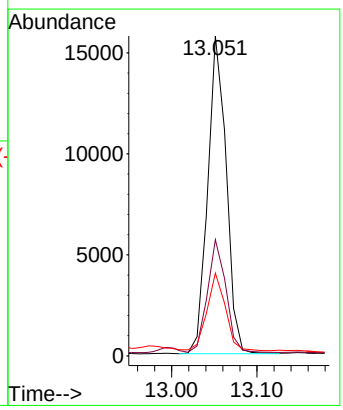
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

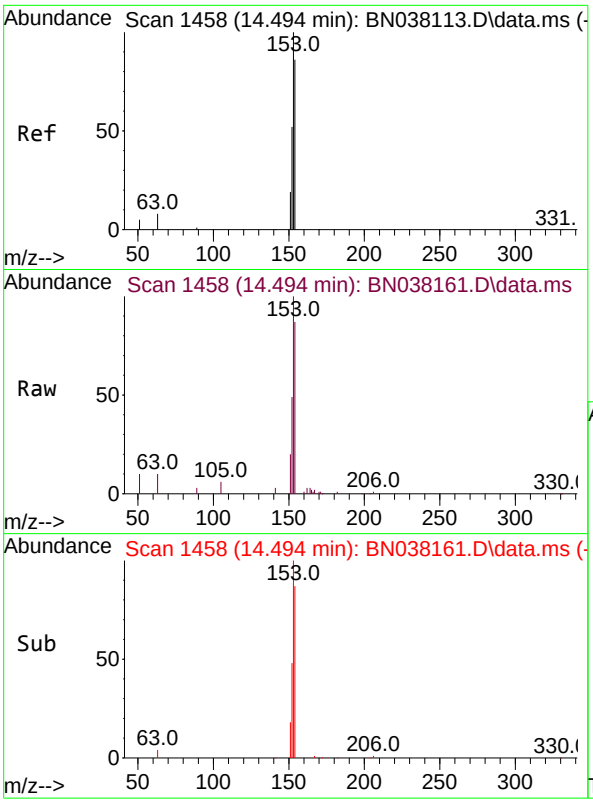


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:172 Resp: 23813

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	25.9	18.1	27.1

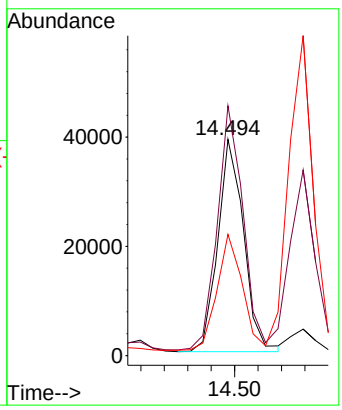




#17
Acenaphthene
Concen: 0.956 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:154 Resp: 5941

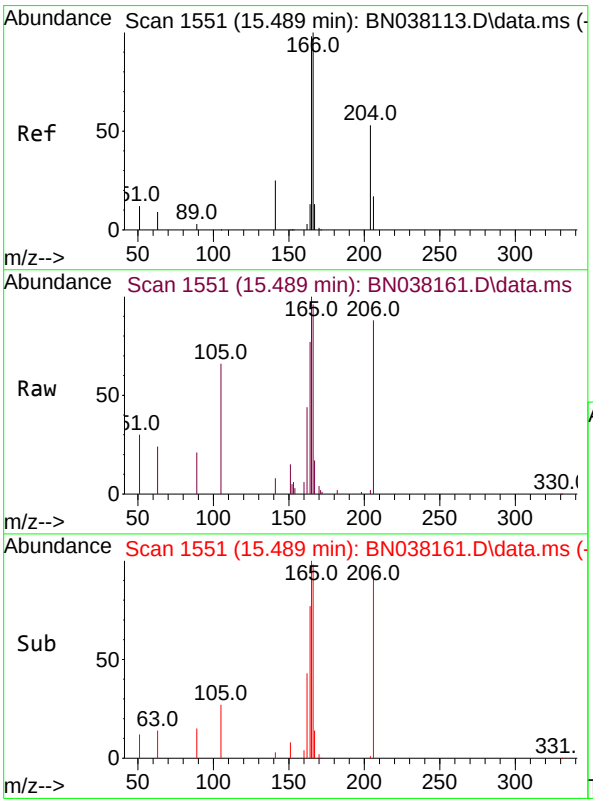
Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.0	135.0
152	53.9	47.3	70.9



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

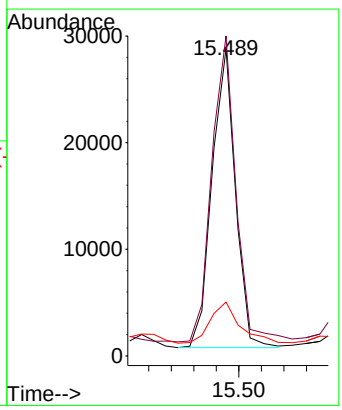
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

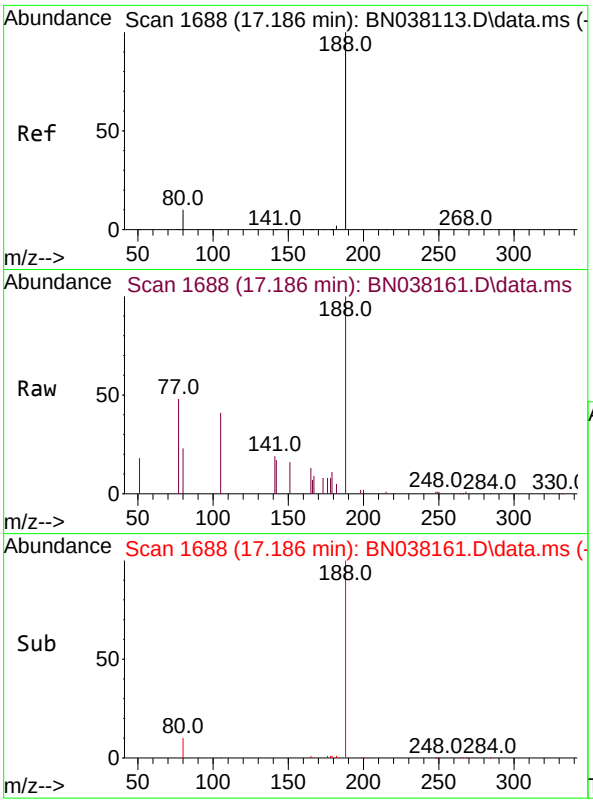


#18
Fluorene
Concen: 0.515 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:166 Resp: 41980

Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.0	118.4
167	17.3	10.7	16.1#

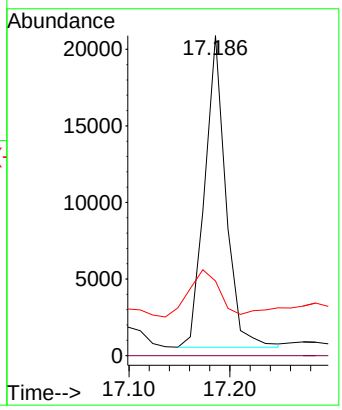




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:188 Resp: 2962

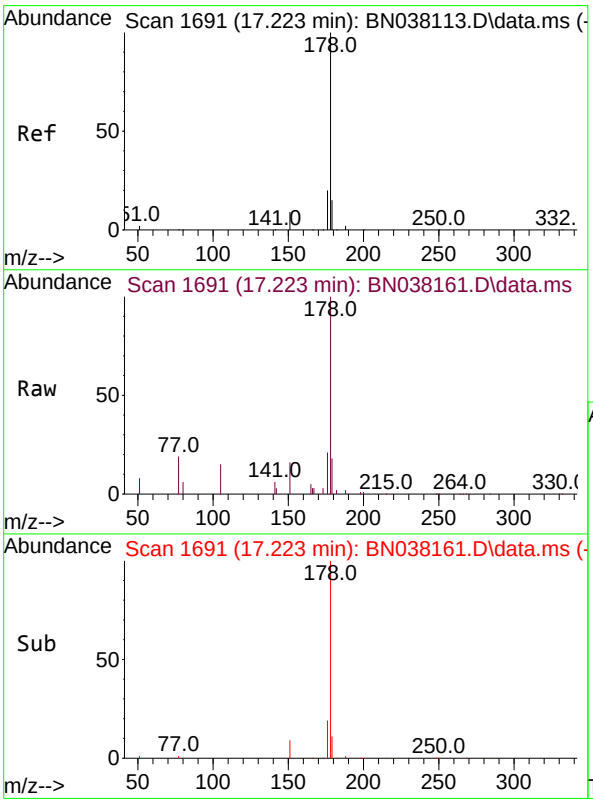
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	23.3	8.6	13.0#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

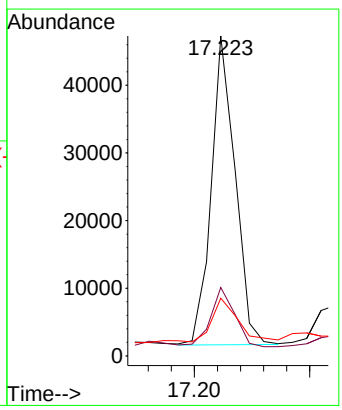
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

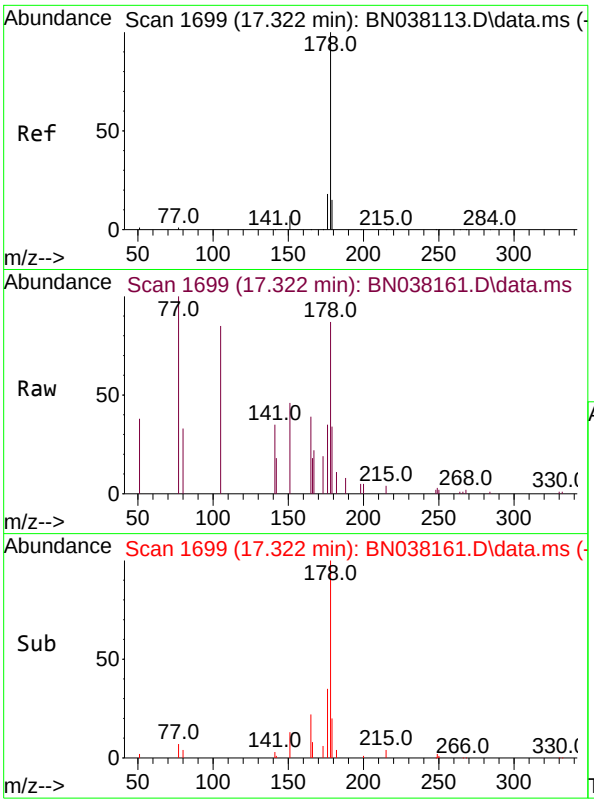


#25
Phenanthrene
Concen: 0.698 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:178 Resp: 65665

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	19.0	12.2	18.4#

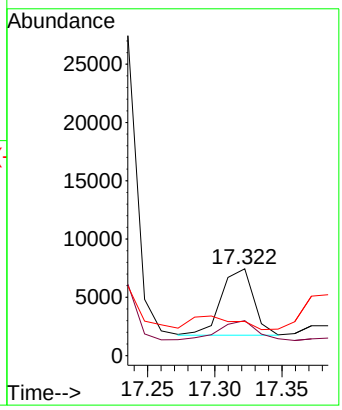




#26
Anthracene
Concen: 0.115 ng m
RT: 17.322 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:178 Resp: 950

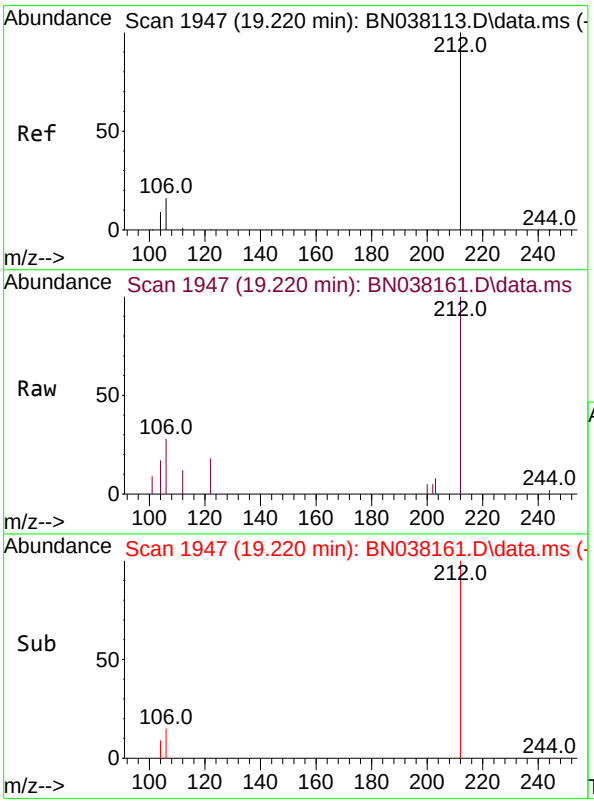
Ion	Ratio	Lower	Upper
178	100		
176	132.8	14.9	22.3#
179	116.8	11.8	17.8#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

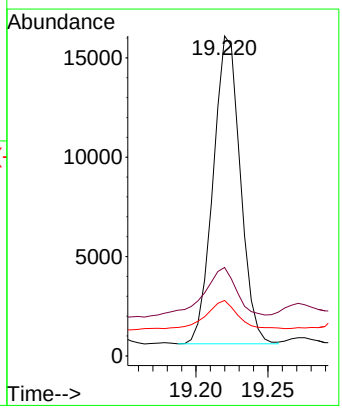
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

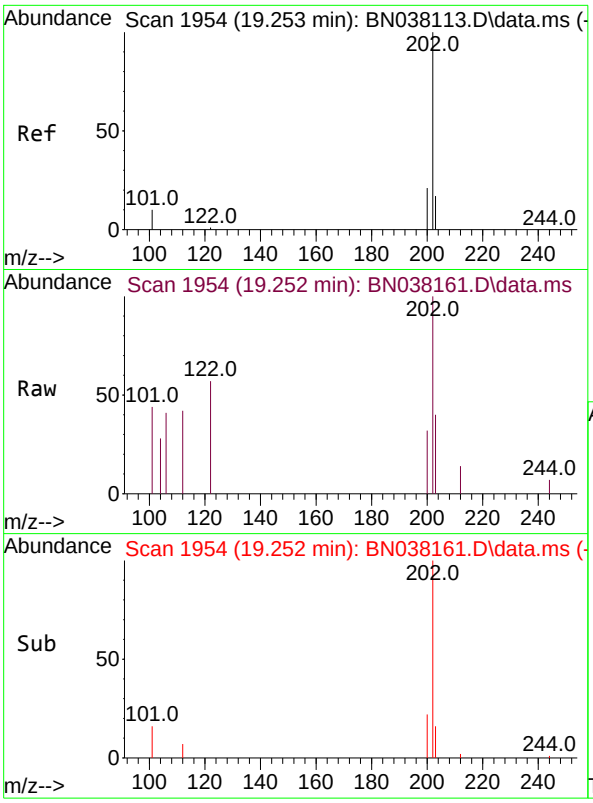


#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:212 Resp: 20328

Ion	Ratio	Lower	Upper
212	100		
106	20.5	12.6	19.0#
104	15.2	7.1	10.7#

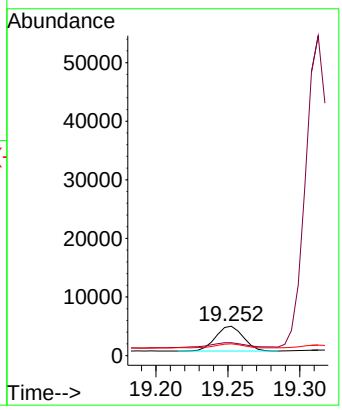




#28
Fluoranthene
Concen: 0.054 ng
RT: 19.252 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:202 Resp: 5689

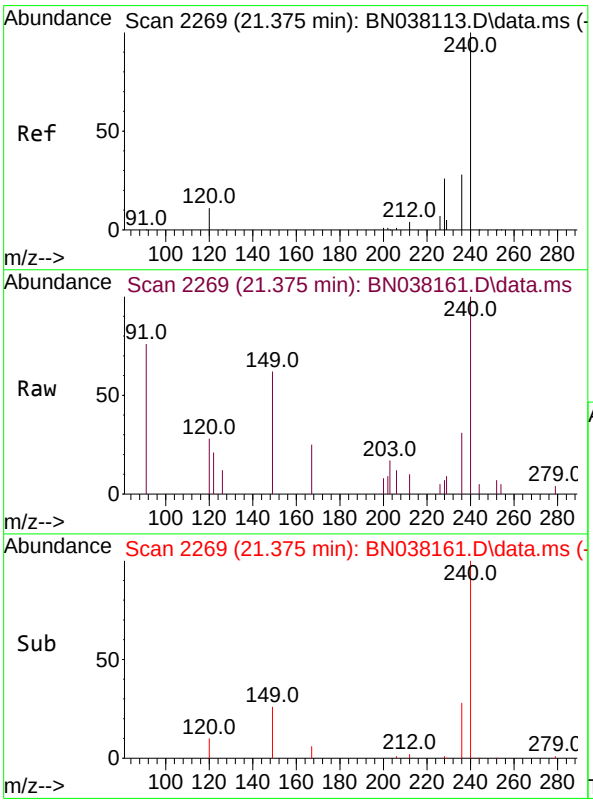
Ion	Ratio	Lower	Upper
202	100		
101	36.4	9.4	14.2#
203	20.9	13.4	20.2#



Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

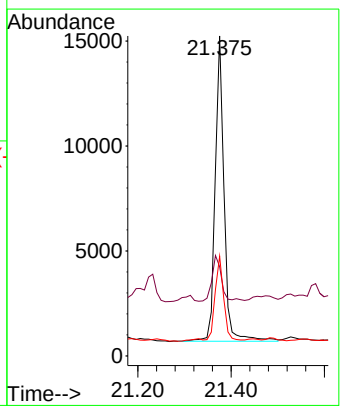
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

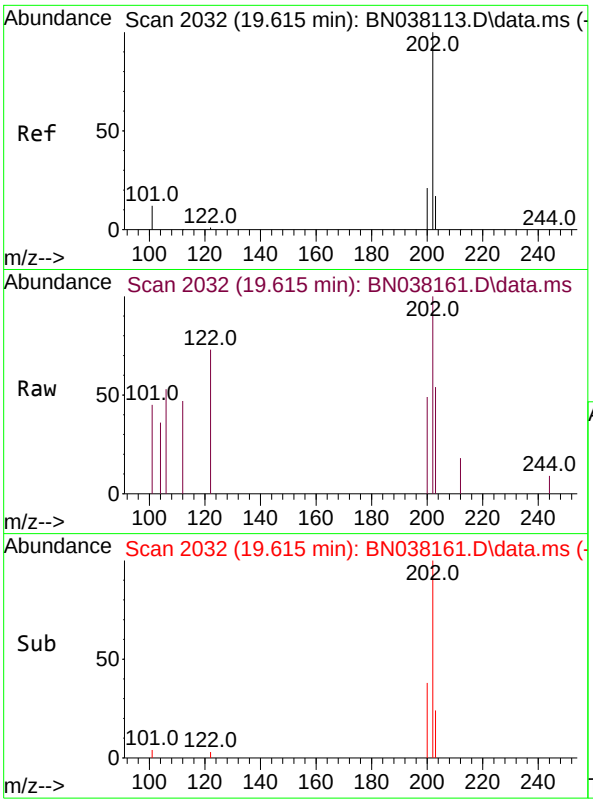


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:240 Resp: 19333

Ion	Ratio	Lower	Upper
240	100		
120	27.9	10.7	16.1#
236	31.2	23.1	34.7





#30
Pyrene
Concen: 0.053 ng
RT: 19.615 min Scan# 20
Delta R.T. 0.005 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

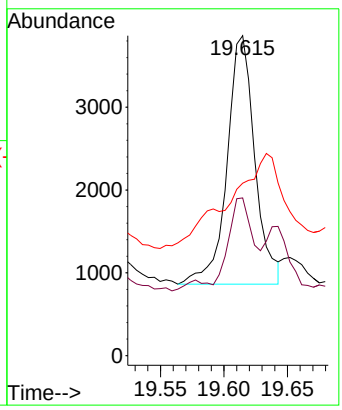
Tgt Ion:202 Resp: 458

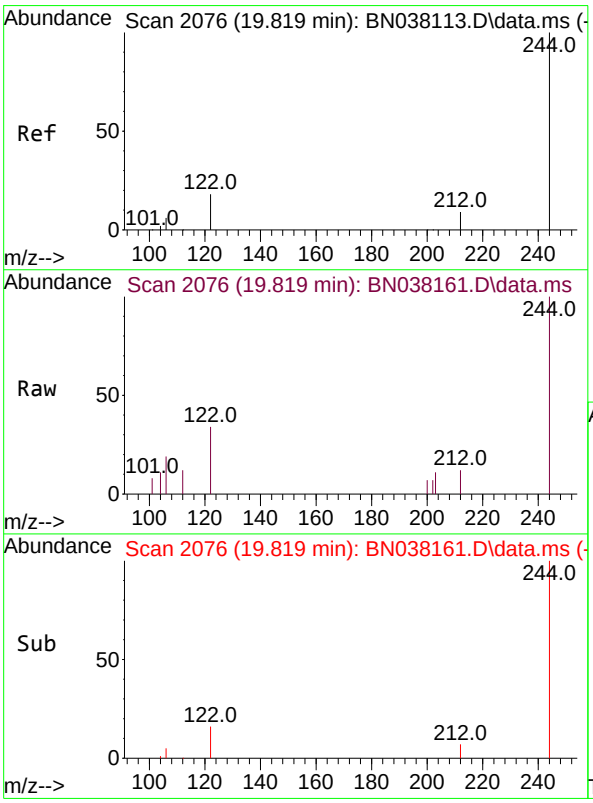
Ion	Ratio	Lower	Upper
202	100		
200	37.2	16.7	25.1#
203	0.0	14.2	21.2#

Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

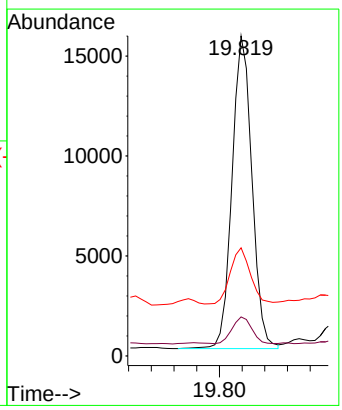


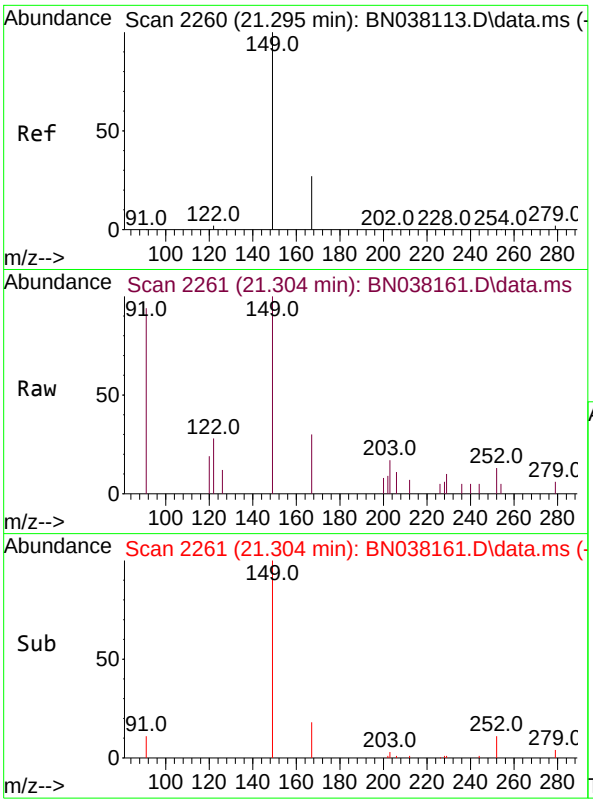


#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:244 Resp: 19095

Ion	Ratio	Lower	Upper
244	100		
212	12.2	7.8	11.6#
122	33.8	15.2	22.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

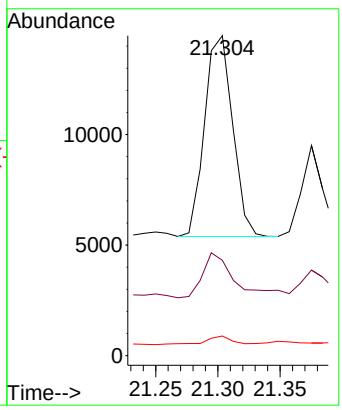
Tgt Ion:149 Resp: 1426

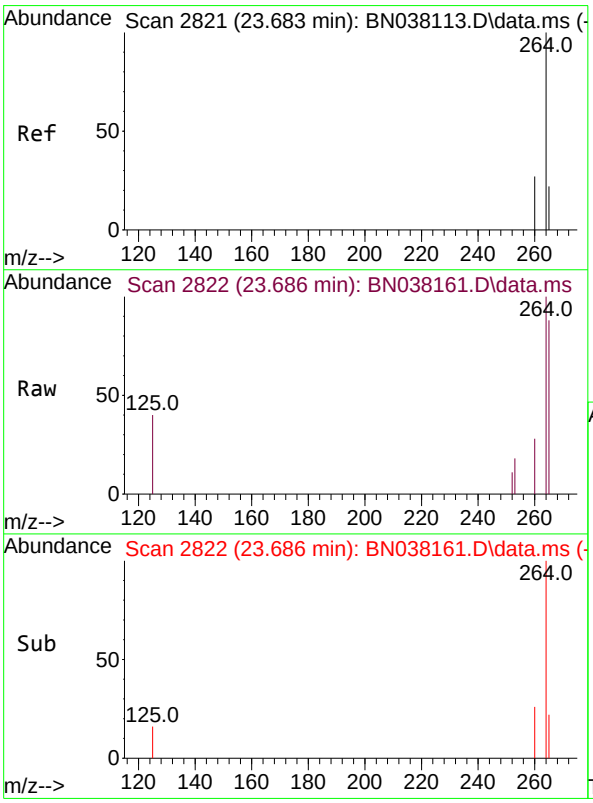
Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.1	31.7
279	3.9	2.9	4.3

Instrument :
BNA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

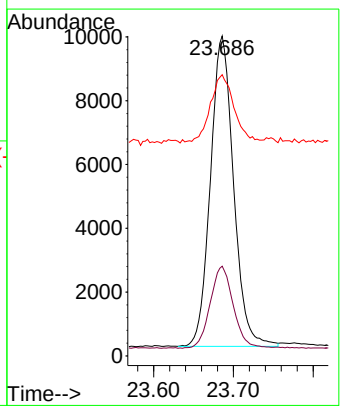




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:264 Resp: 19622

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.8	32.8
265	87.9	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038177.D
Acq On : 10 Nov 2025 12:02
Operator : RC/JU
Sample : Q3552-01DL 40X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Quant Time: Nov 10 12:27:41 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

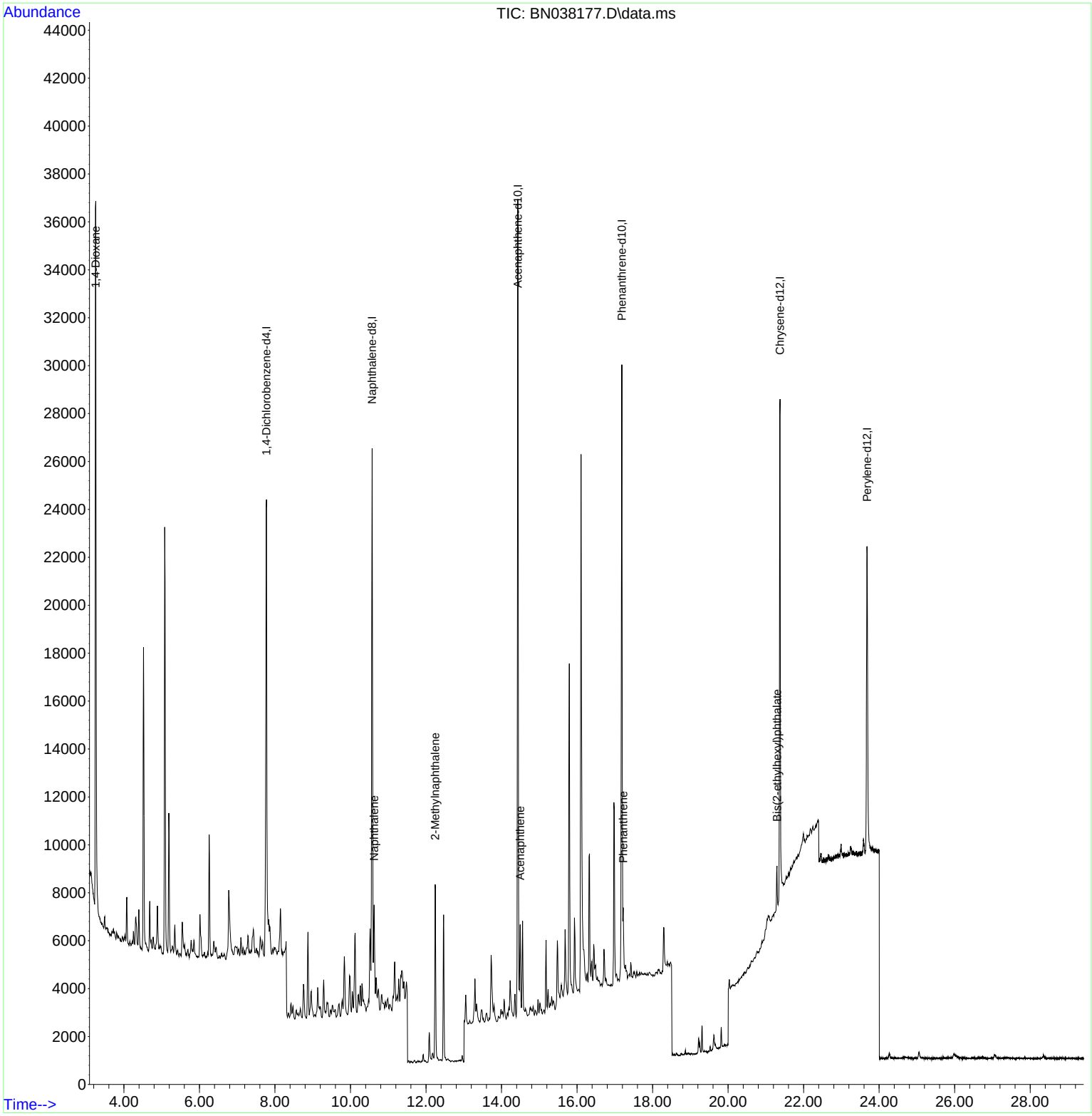
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	9410	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31248	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19363	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	36917	0.400	ng		0.00
29) Chrysene-d12	21.375	240	22577	0.400	ng		0.00
35) Perylene-d12	23.680	264	19722	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	215	0.010	ng		0.00
5) Phenol-d6	6.944	99	147	0.005	ng		0.00
8) Nitrobenzene-d5	8.929	82	343	0.014	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	388	0.009	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	102	0.013	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	1132	0.015	ng		0.00
27) Fluoranthene-d10	19.220	212	780	0.008	ng		0.00
31) Terphenyl-d14	19.819	244	867	0.018	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	20812	2.141	ng		99
9) Naphthalene	10.626	128	4596	0.053	ng	#	92
12) 2-Methylnaphthalene	12.243	142	5608	0.098	ng		95
17) Acenaphthene	14.494	154	1832	0.030	ng		98
25) Phenanthrene	17.223	178	2511	0.021	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.295	149	2134	0.050	ng		91

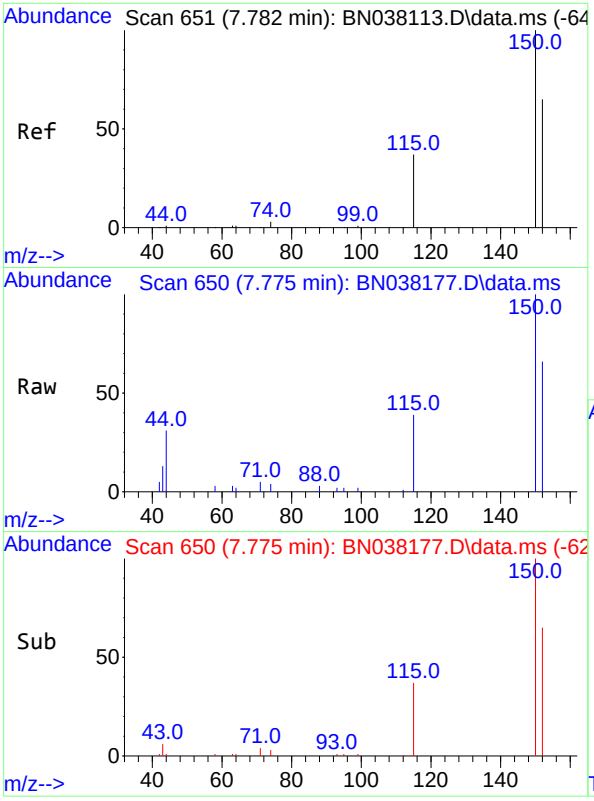
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038177.D
Acq On : 10 Nov 2025 12:02
Operator : RC/JU
Sample : Q3552-01DL 40X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Quant Time: Nov 10 12:27:41 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



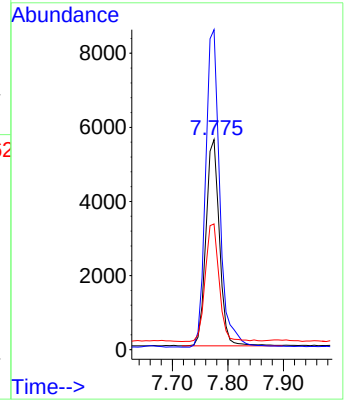


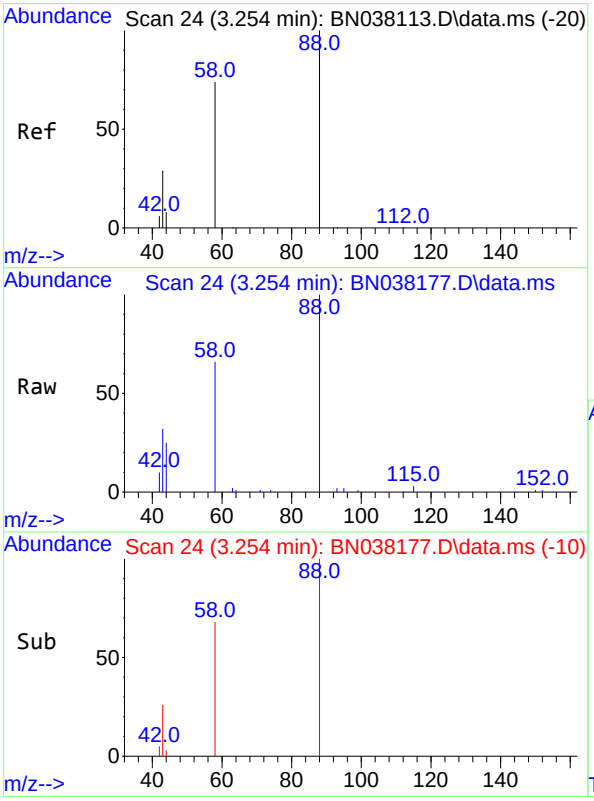
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:152 Resp: 9410

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.3	183.5
115	59.8	47.4	71.0

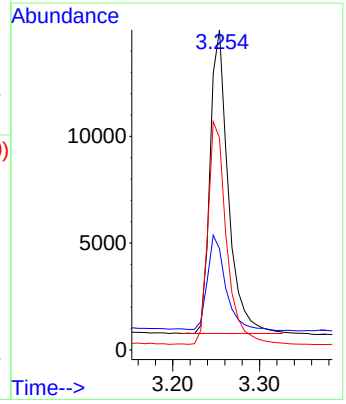


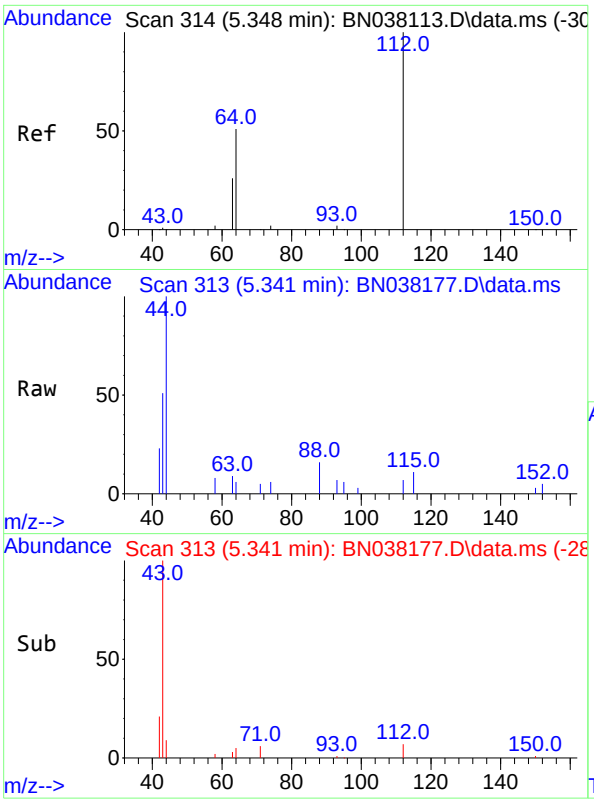


#2
1,4-Dioxane
Concen: 2.141 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 88 Resp: 20812

Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.3	36.5
58	74.6	60.4	90.6



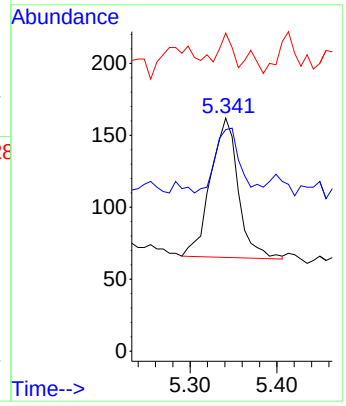


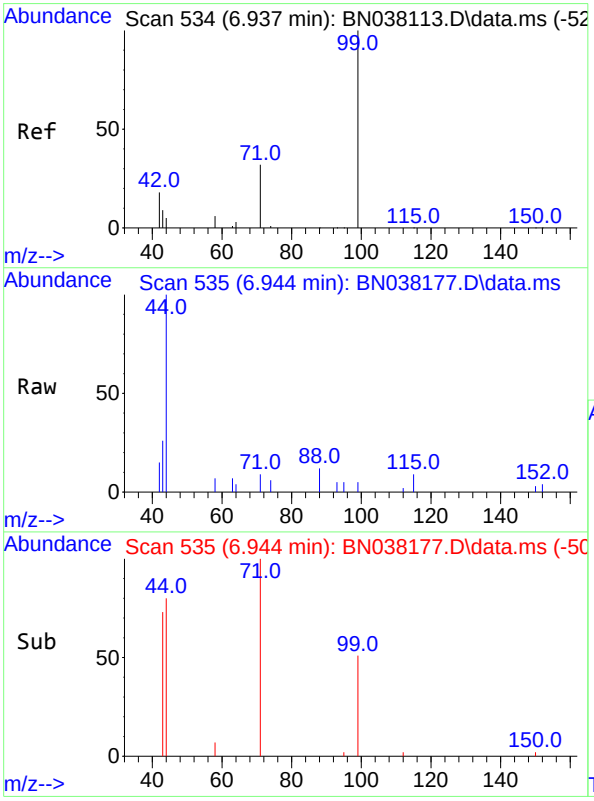
#4
2-Fluorophenol
Concen: 0.010 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:112 Resp: 215

Ion	Ratio	Lower	Upper
112	100		
64	45.1	45.4	68.0#
63	16.3	23.2	34.8#

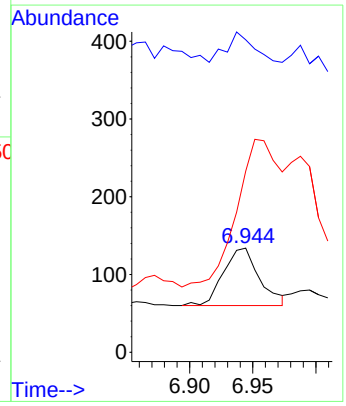


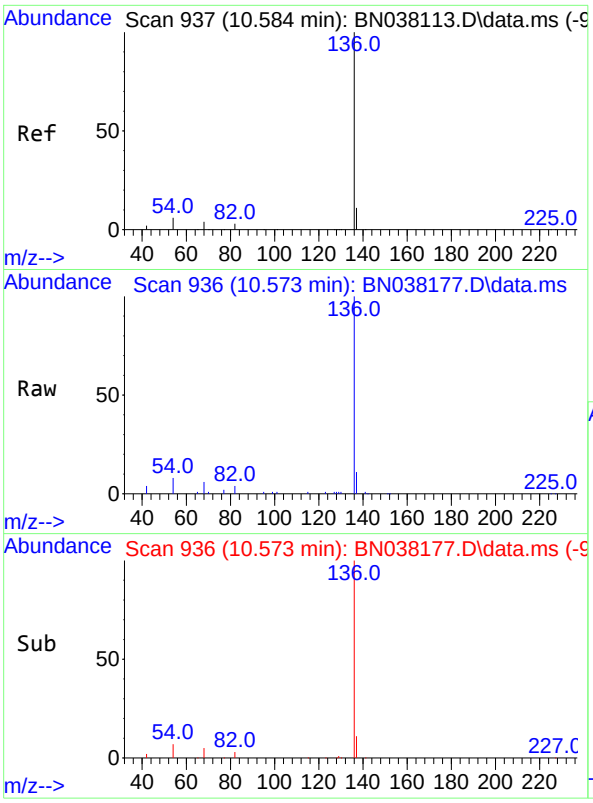


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 99 Resp: 147

Ion	Ratio	Lower	Upper
99	100		
42	44.2	16.6	24.8#
71	306.1	25.4	38.2#



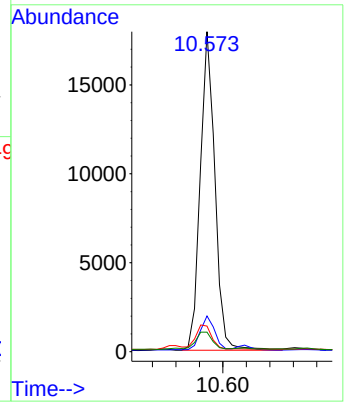


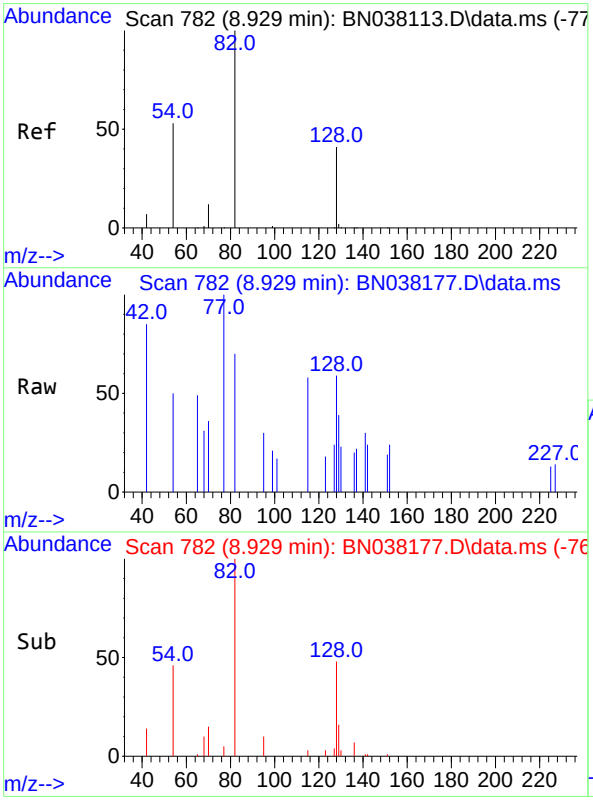
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:136 Resp: 31248

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.0	5.2	7.8#
68	6.1	4.1	6.1

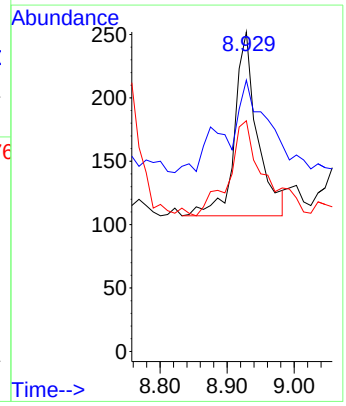


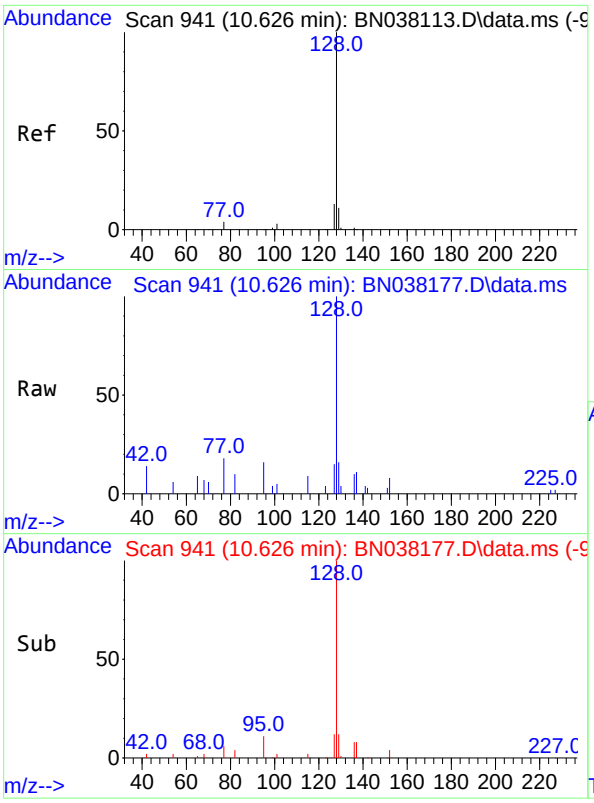


#8
Nitrobenzene-d5
Concen: 0.014 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 82 Resp: 343

Ion	Ratio	Lower	Upper
82	100		
128	84.9	34.1	51.1#
54	72.2	43.5	65.3#



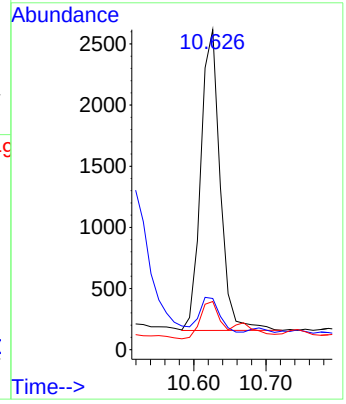


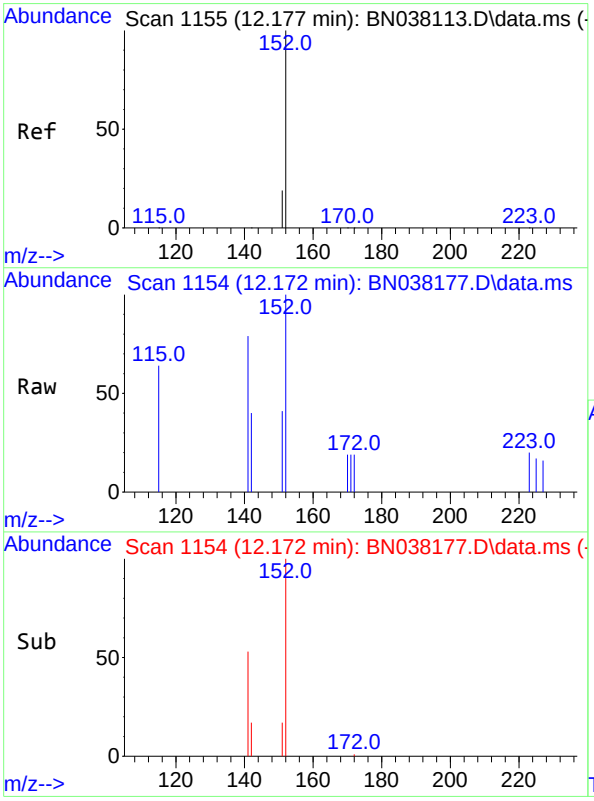
#9
Naphthalene
Concen: 0.053 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:128 Resp: 4596

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.1	13.7#
127	15.0	10.5	15.7

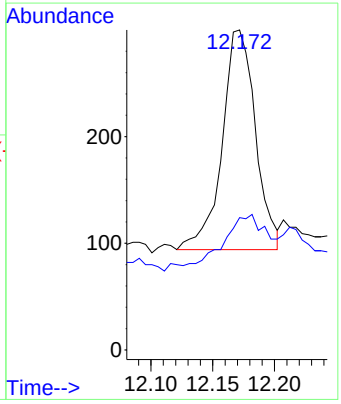


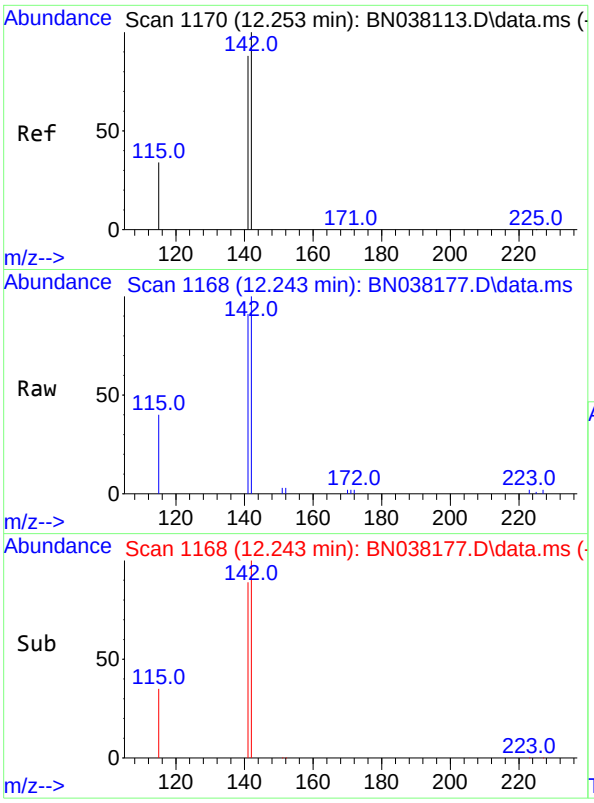


#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:152 Resp: 388

Ion	Ratio	Lower	Upper
152	100		
151	29.1	16.8	25.2#



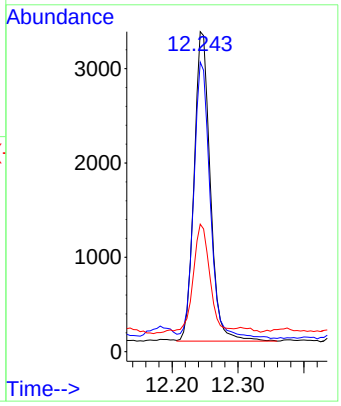


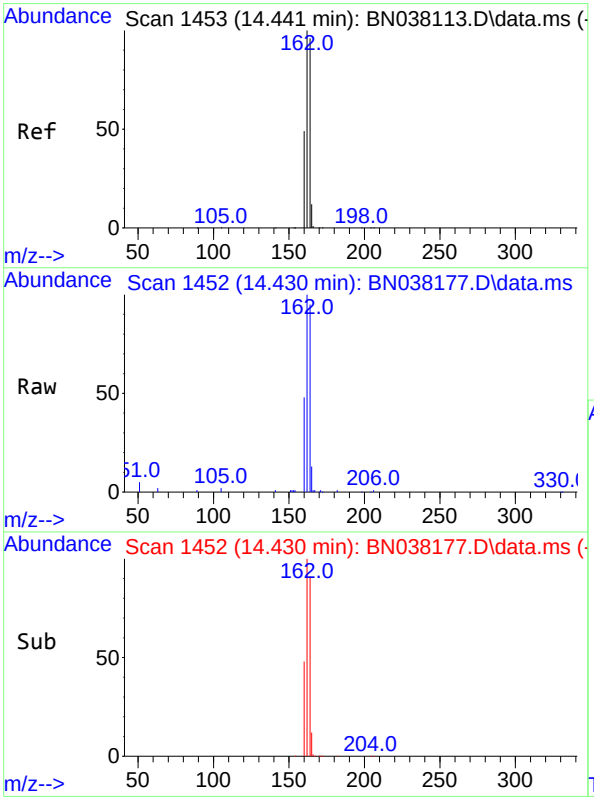
#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 12.243 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:142 Resp: 5608

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	39.9	27.8	41.6

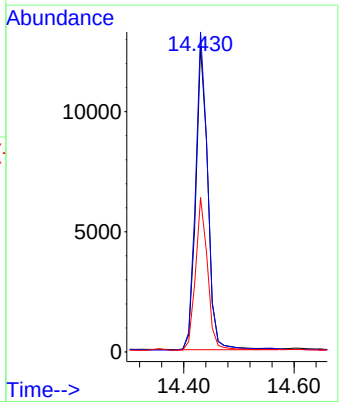


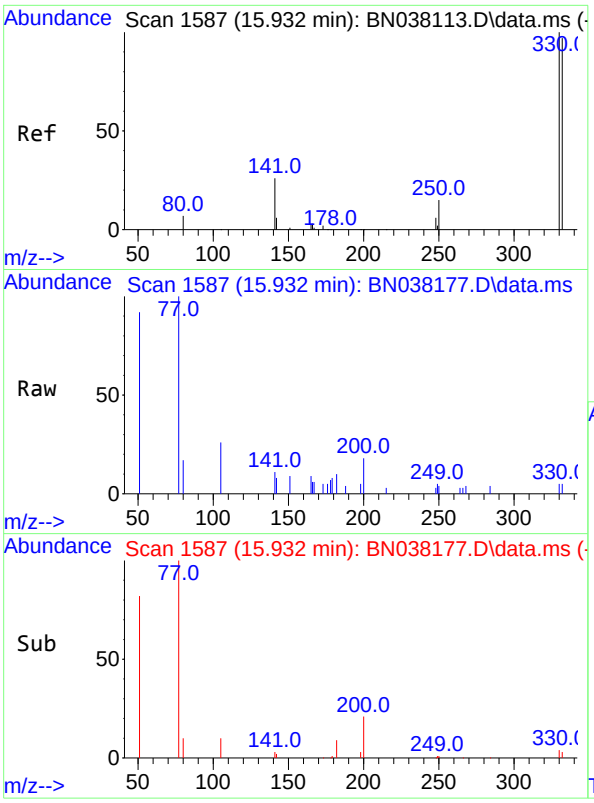


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:164 Resp: 19363

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	50.5	40.7	61.1



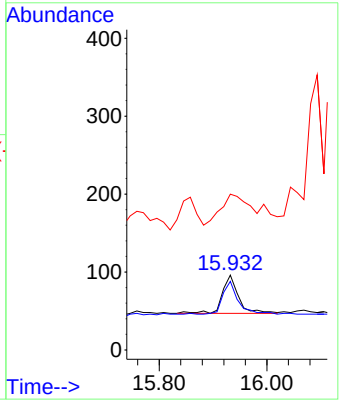


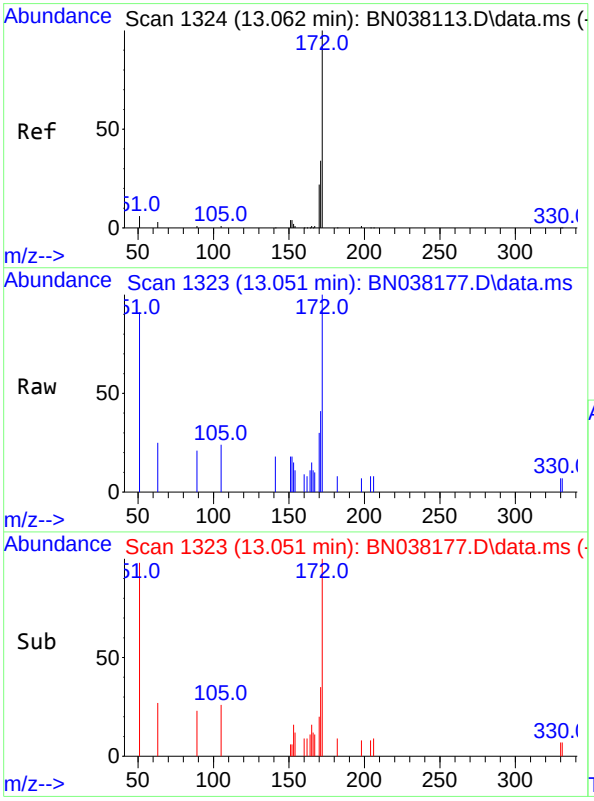
#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:330 Resp: 102

Ion	Ratio	Lower	Upper
330	100		
332	88.2	76.6	114.8
141	183.3	34.1	51.1#

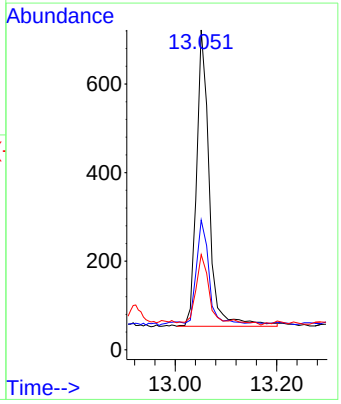


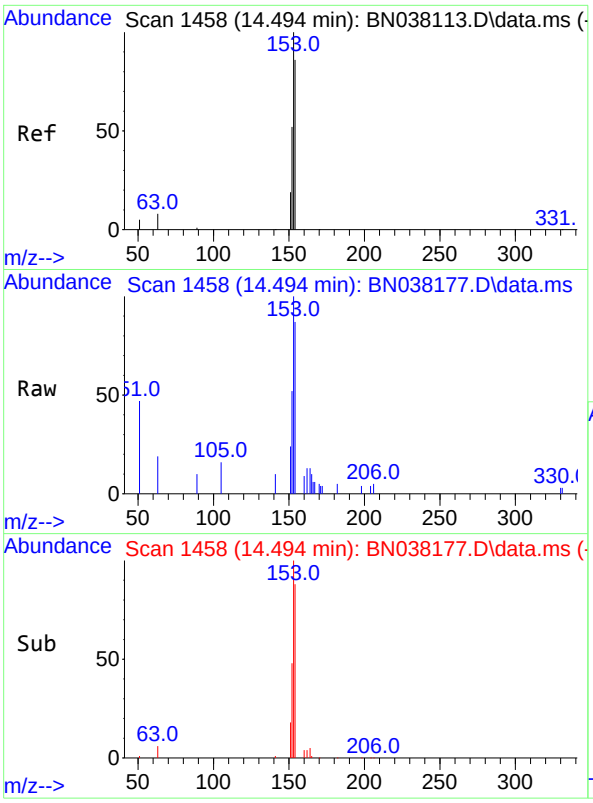


#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:172 Resp: 1132

Ion	Ratio	Lower	Upper
172	100		
171	40.6	27.8	41.6
170	29.8	18.1	27.1#



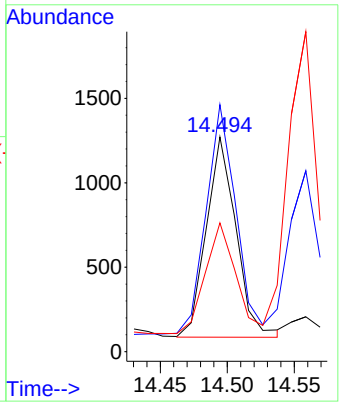


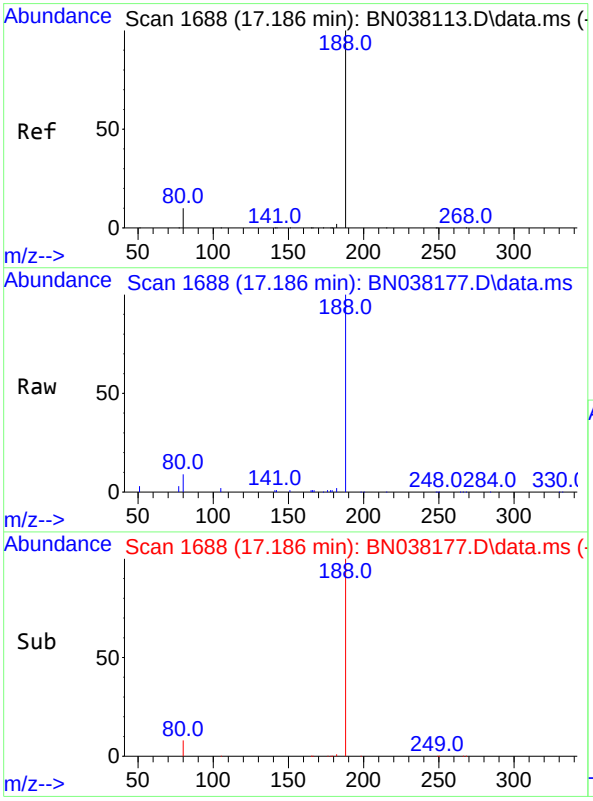
#17
Acenaphthene
Concen: 0.030 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:154 Resp: 1832

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.0	135.0
152	56.6	47.3	70.9

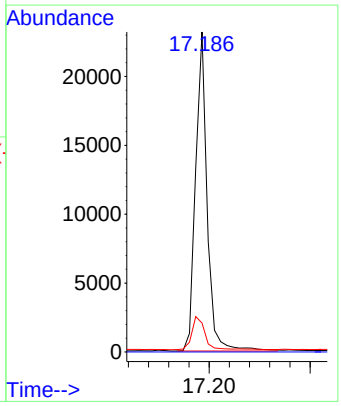


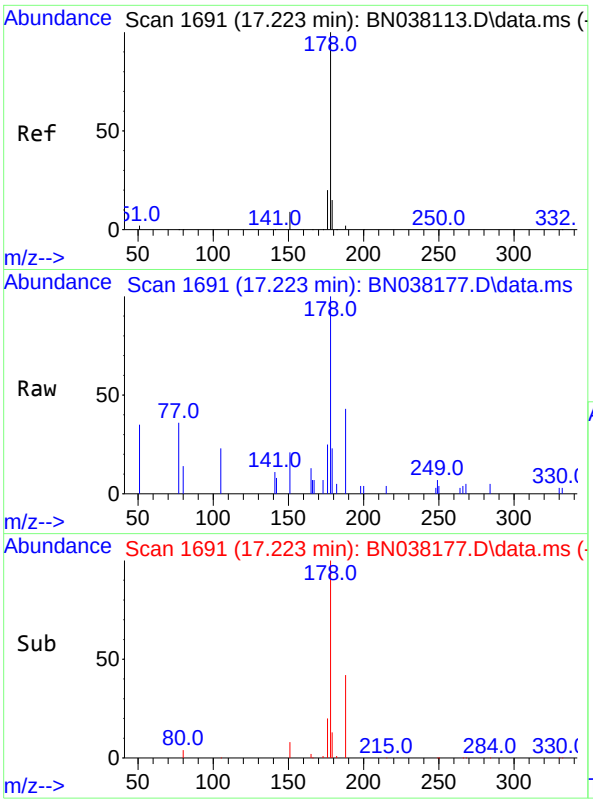


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:188 Resp: 36917

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.6	13.0



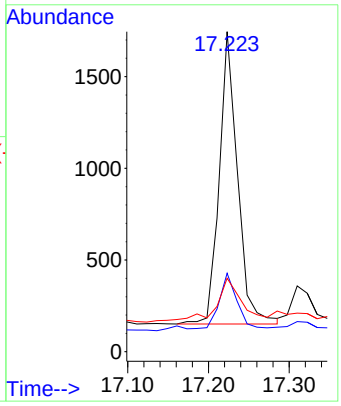


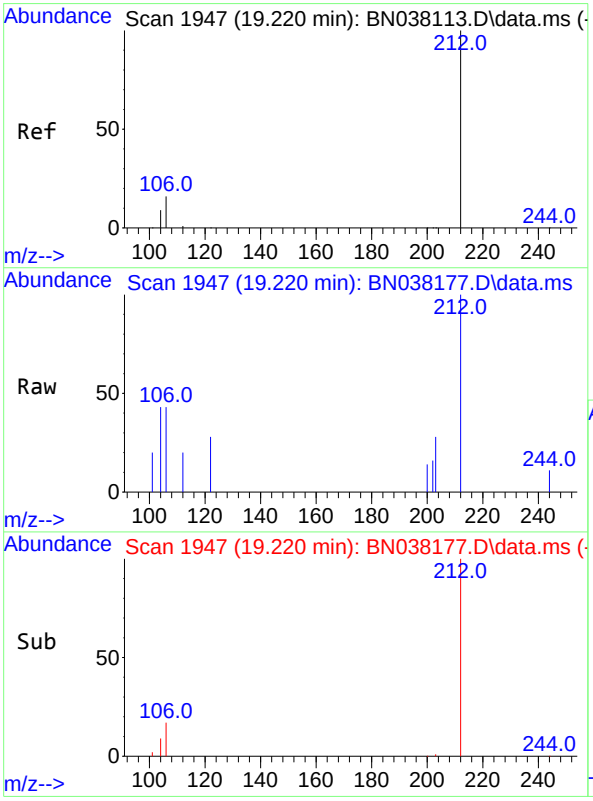
#25
Phenanthrene
Concen: 0.021 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:178 Resp: 2511

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.5	23.3
179	21.7	12.2	18.4#

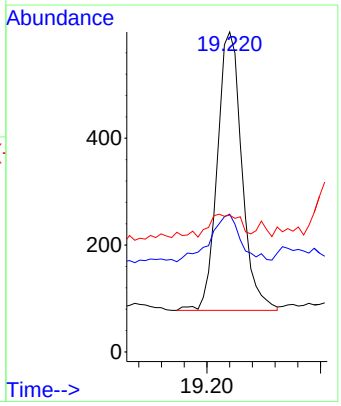


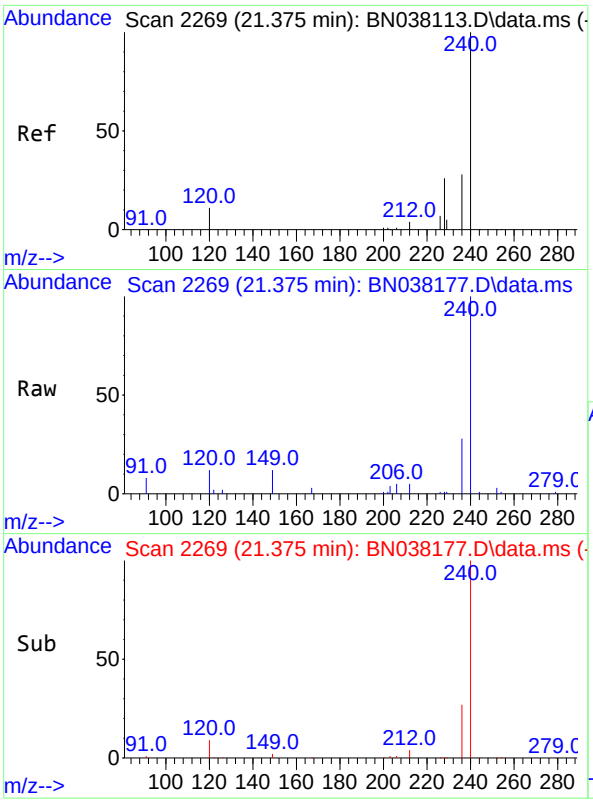


#27
Fluoranthene-d10
Concen: 0.008 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:212 Resp: 780

Ion	Ratio	Lower	Upper
212	100		
106	21.2	12.6	19.0#
104	13.2	7.1	10.7#



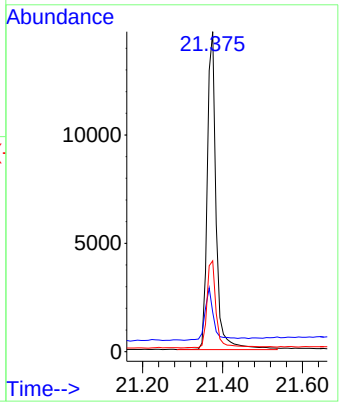


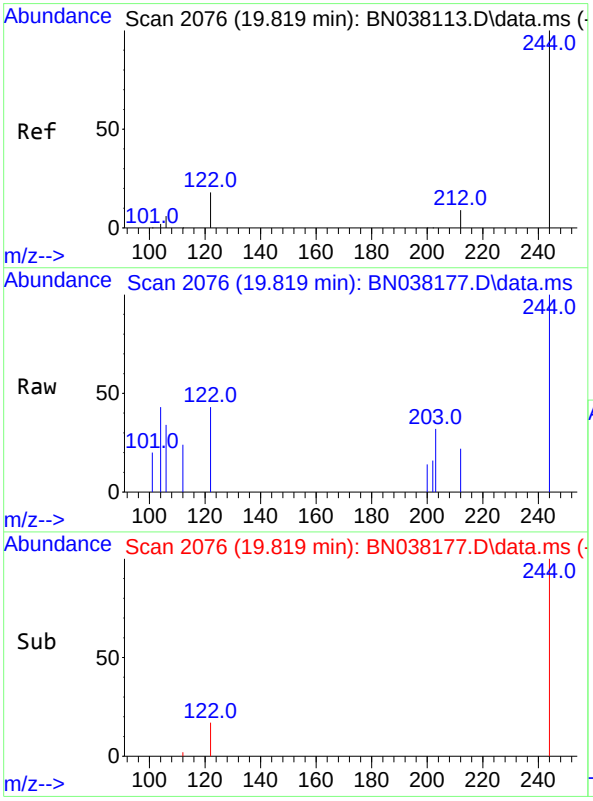
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:240 Resp: 22577

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.7	16.1
236	28.4	23.1	34.7

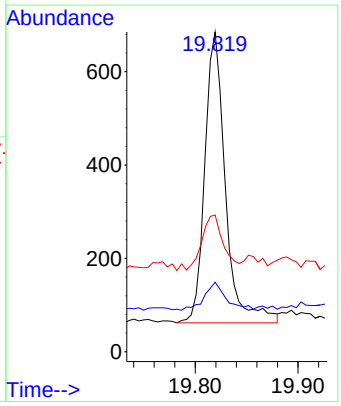


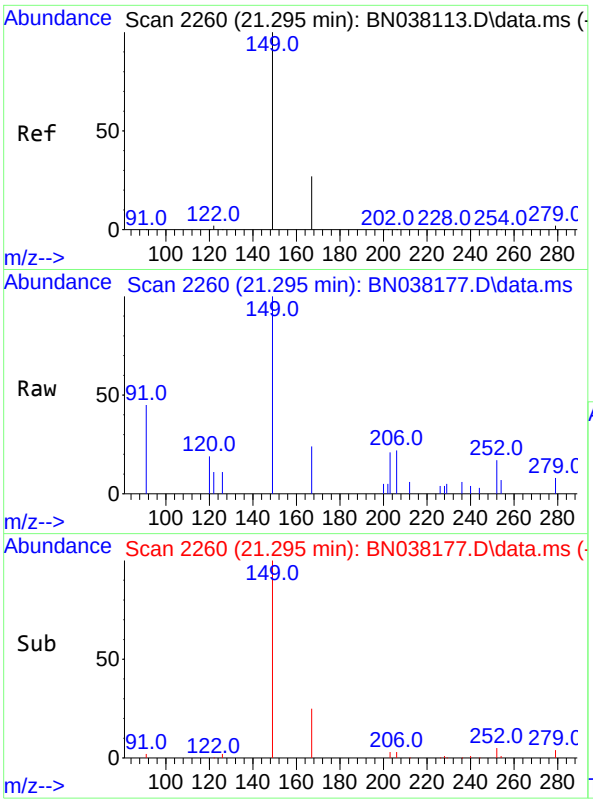


#31
Terphenyl-d14
Concen: 0.018 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:244 Resp: 867

Ion	Ratio	Lower	Upper
244	100		
212	21.8	7.8	11.6#
122	42.8	15.2	22.8#



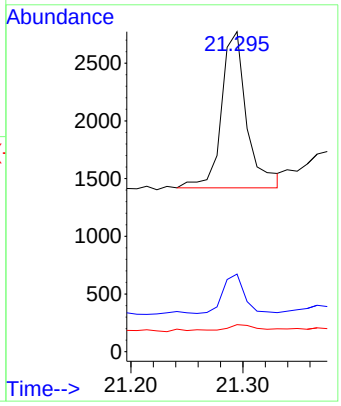


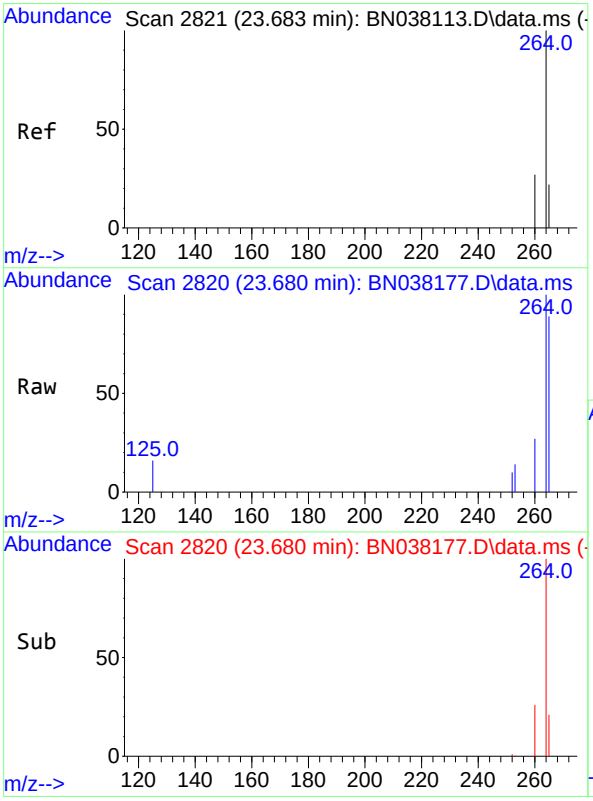
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Instrument :
BNA_N
ClientSampleId :
MW-4DL

Tgt Ion:149 Resp: 2134

Ion	Ratio	Lower	Upper
149	100		
167	21.3	21.1	31.7
279	3.2	2.9	4.3

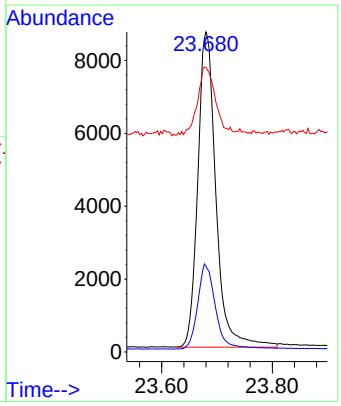




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BN038177.D
Acq: 10 Nov 2025 12:02

Tgt Ion:264 Resp: 19722

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	88.9	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038162.D
Acq On : 07 Nov 2025 19:46
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-8

Quant Time: Nov 08 03:05:57 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

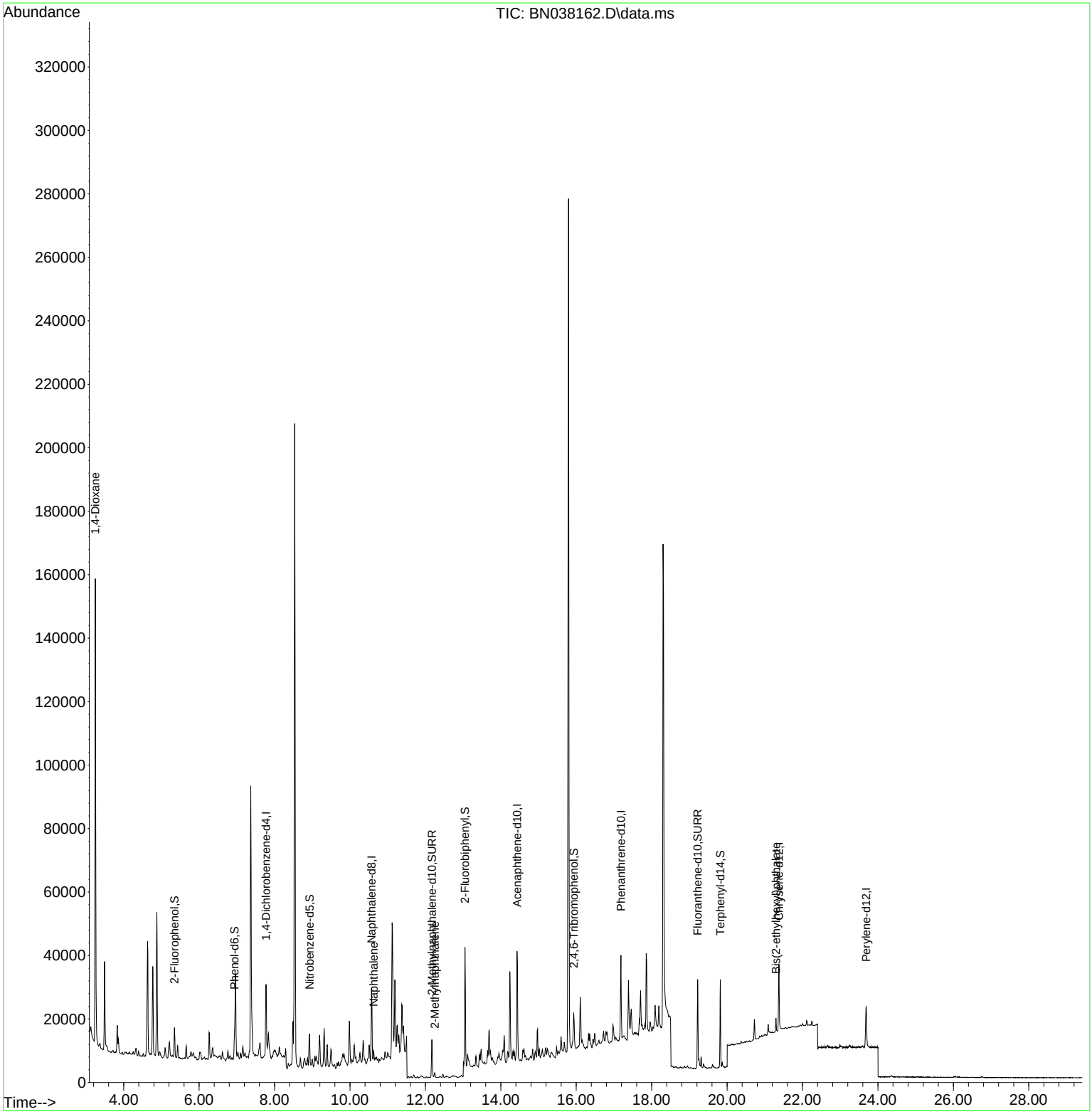
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9440	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	31588	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	21904	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	34017	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18758	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	17749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5706	0.257	ng	0.00
5) Phenol-d6	6.937	99	5914	0.218	ng	0.00
8) Nitrobenzene-d5	8.929	82	9082	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	16363	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4131	0.458	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	25929	0.296	ng	0.00
27) Fluoranthene-d10	19.220	212	30149	0.351	ng	0.00
31) Terphenyl-d14	19.819	244	25173	0.618	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	87375	8.958	ng	99
9) Naphthalene	10.626	128	4730	0.054	ng	# 87
12) 2-Methylnaphthalene	12.248	142	1169	0.020	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.295	149	4123	0.117	ng	# 99

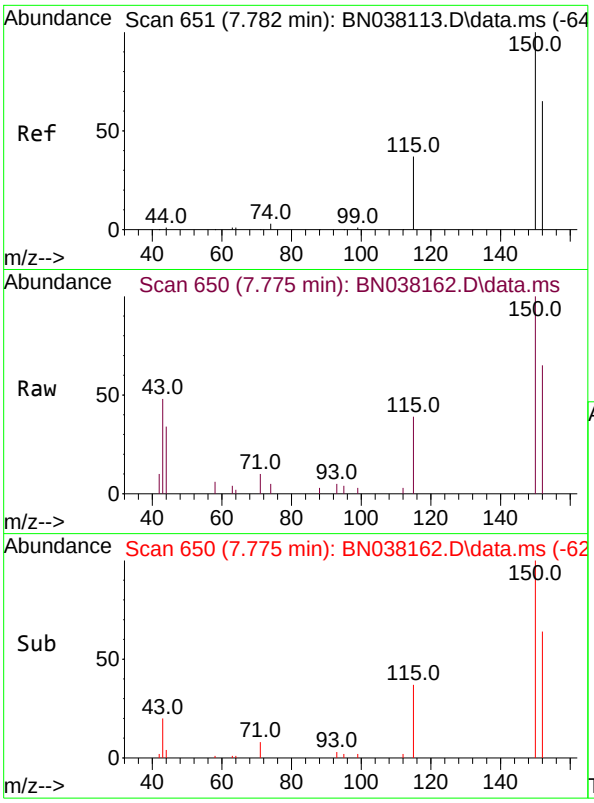
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038162.D
Acq On : 07 Nov 2025 19:46
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-8

Quant Time: Nov 08 03:05:57 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



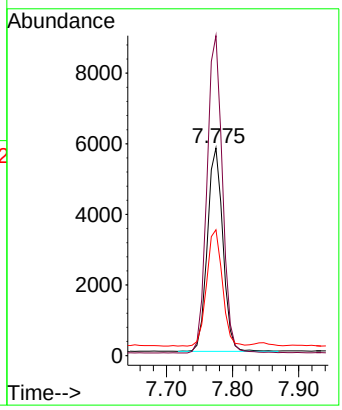


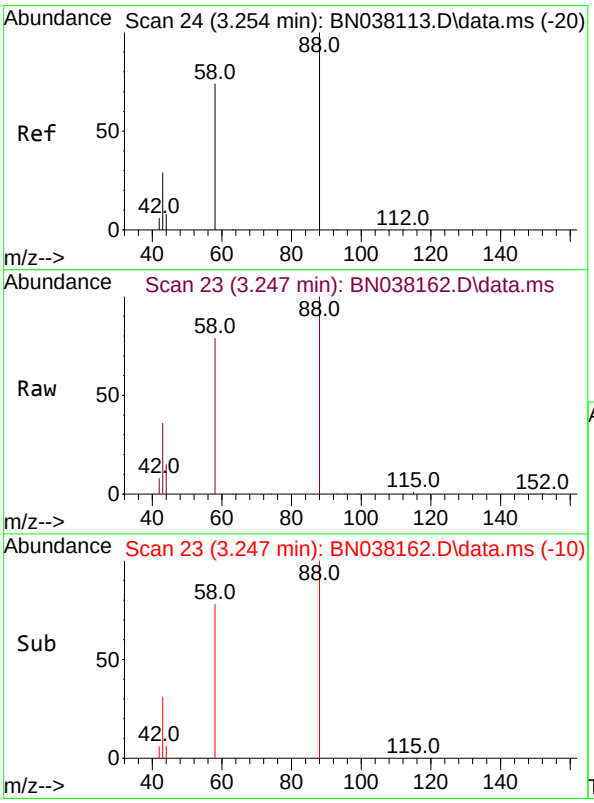
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 9440

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.3	183.5
115	60.6	47.4	71.0

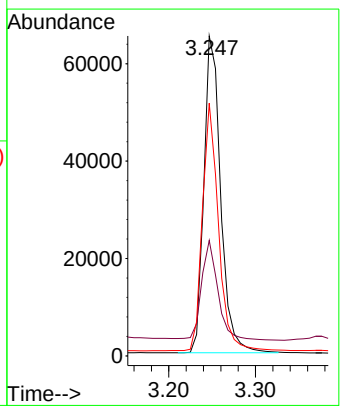


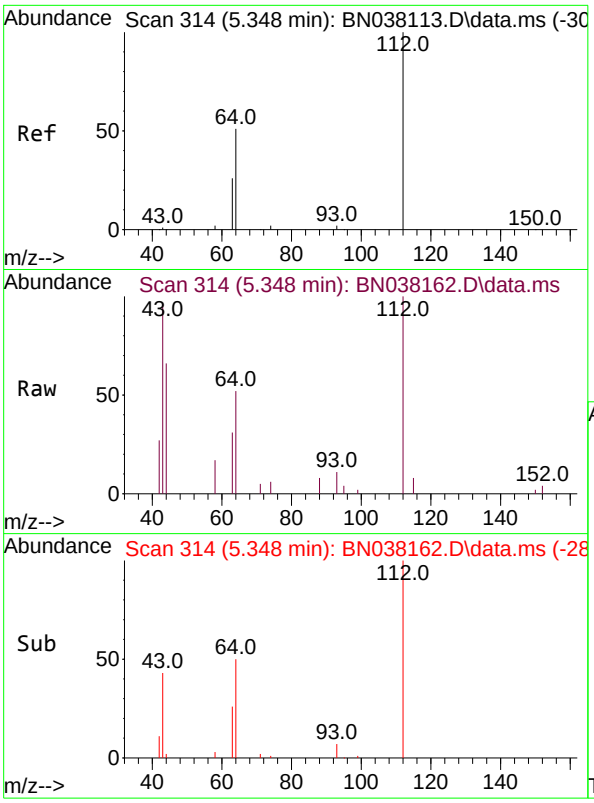


#2
1,4-Dioxane
Concen: 8.958 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion: 88 Resp: 87375

Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.3	36.5
58	74.7	60.4	90.6



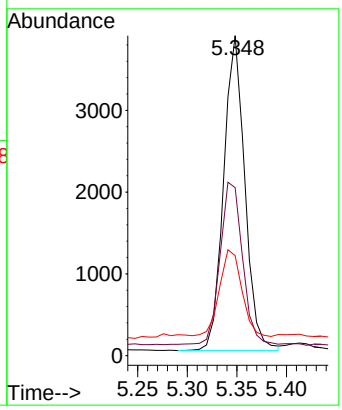


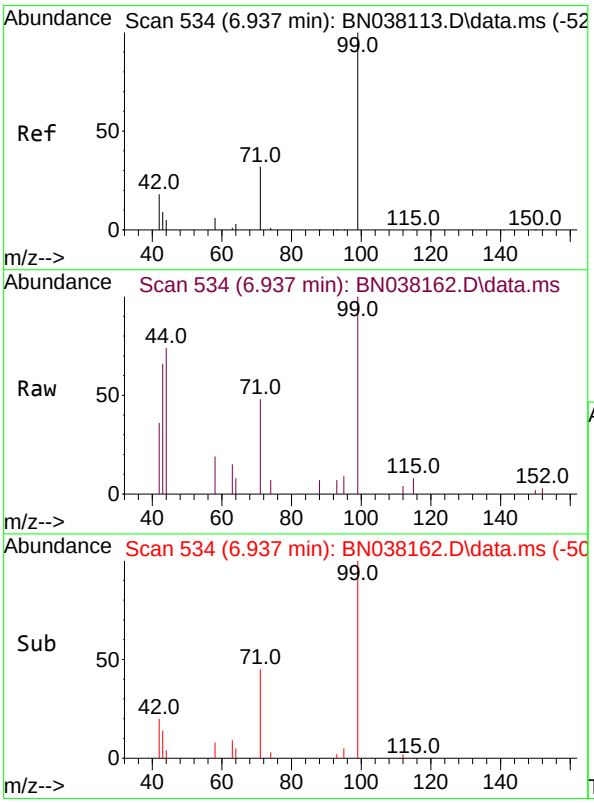
#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.348 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:112 Resp: 5706

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.0
63	30.8	23.2	34.8

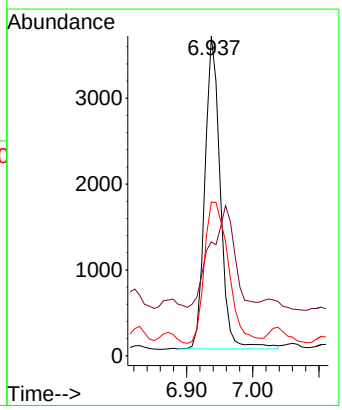


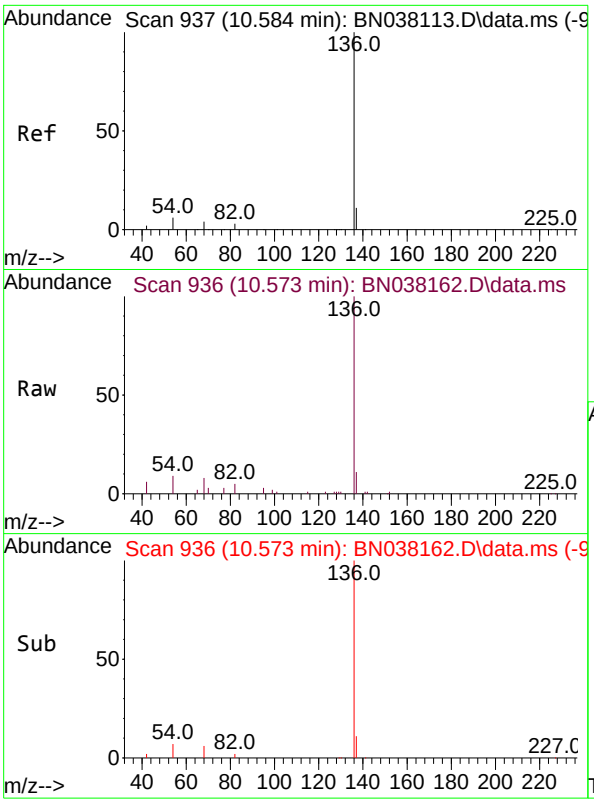


#5
Phenol-d6
Concen: 0.218 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion: 99 Resp: 5914

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.6	24.8#
71	70.4	25.4	38.2#



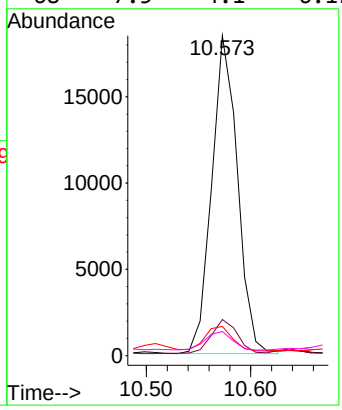


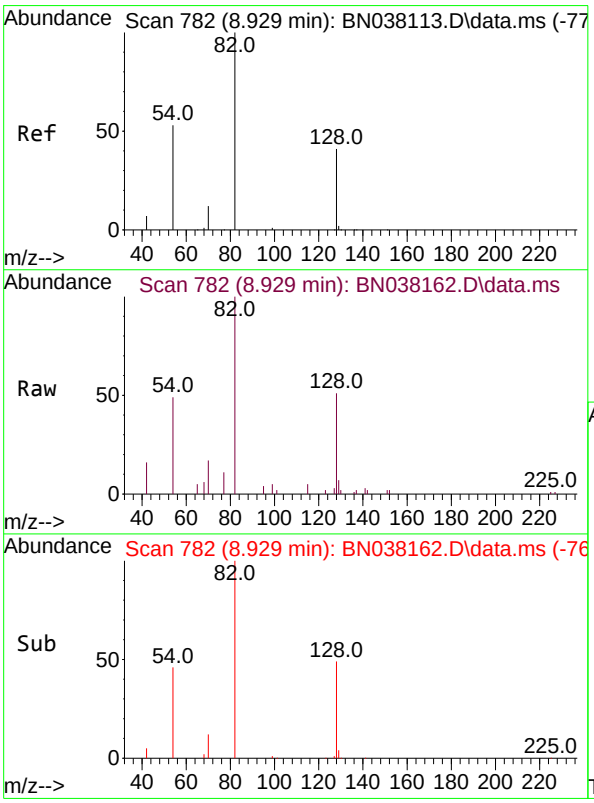
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:136 Resp: 31588

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.1	5.2	7.8#
68	7.5	4.1	6.1#

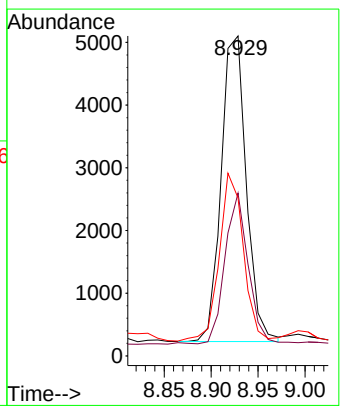


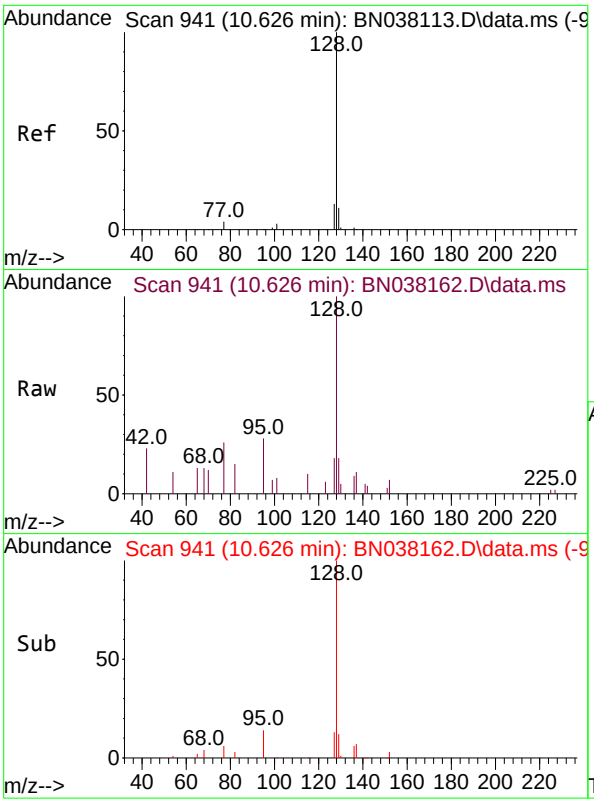


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion: 82 Resp: 9082

Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.1	51.1
54	49.3	43.5	65.3



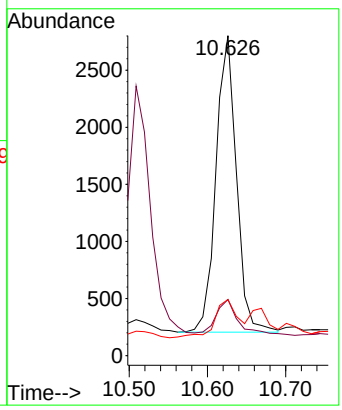


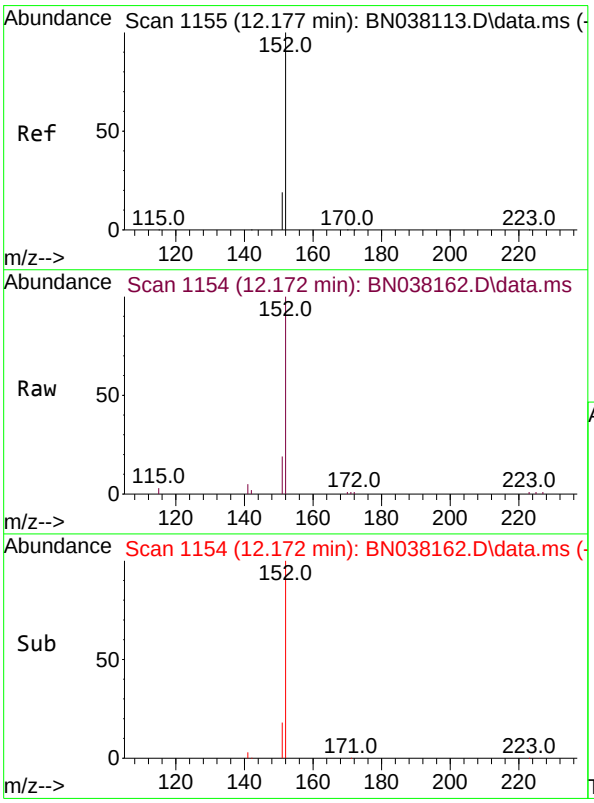
#9
Naphthalene
Concen: 0.054 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:128 Resp: 4730

Ion	Ratio	Lower	Upper
128	100		
129	17.6	9.1	13.7#
127	17.5	10.5	15.7#

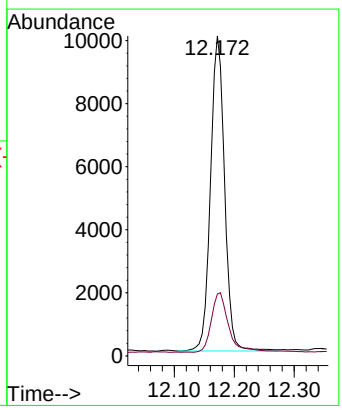


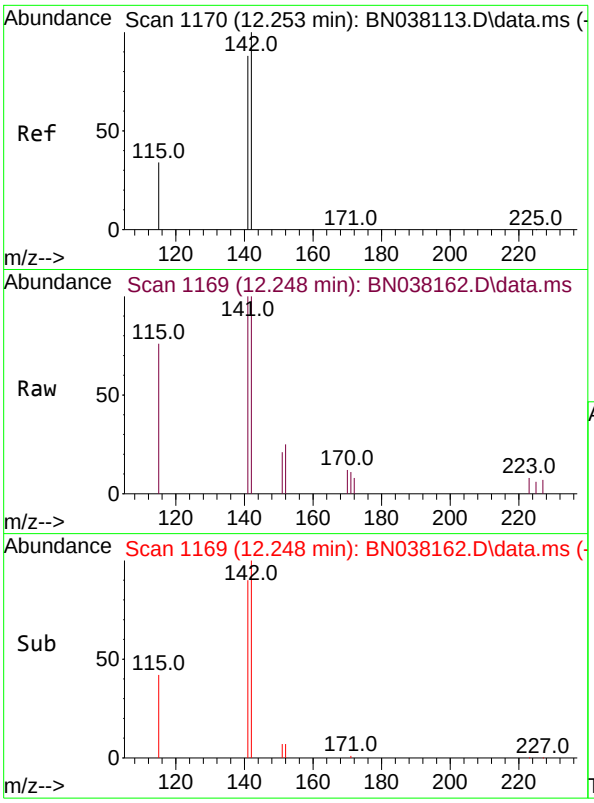


#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:152 Resp: 16363

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.8	25.2



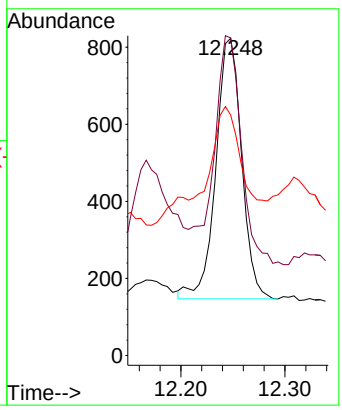


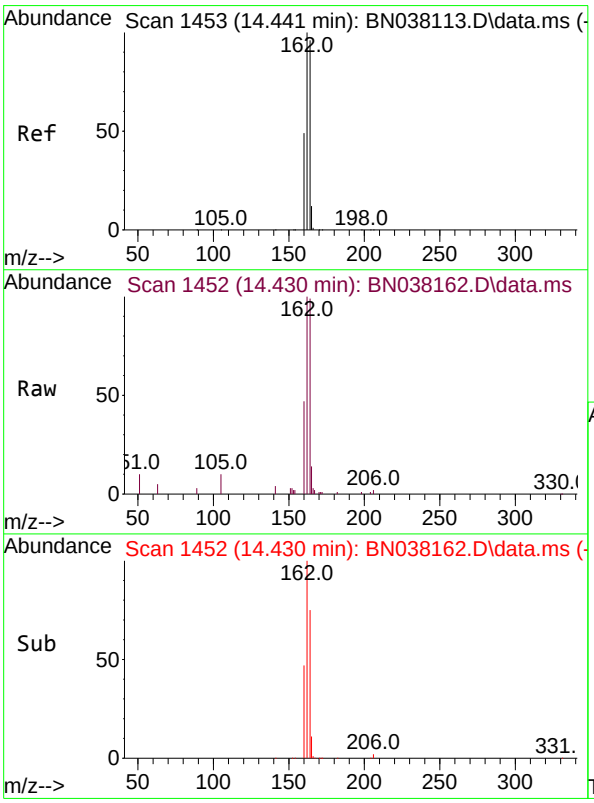
#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:142 Resp: 1169

Ion	Ratio	Lower	Upper
142	100		
141	100.1	70.3	105.5
115	75.8	27.8	41.6#

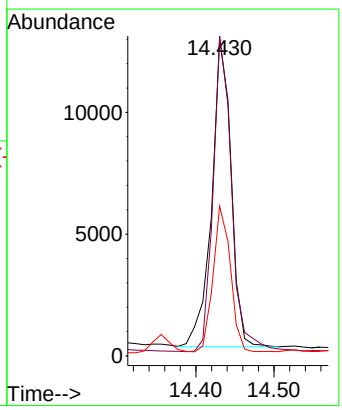


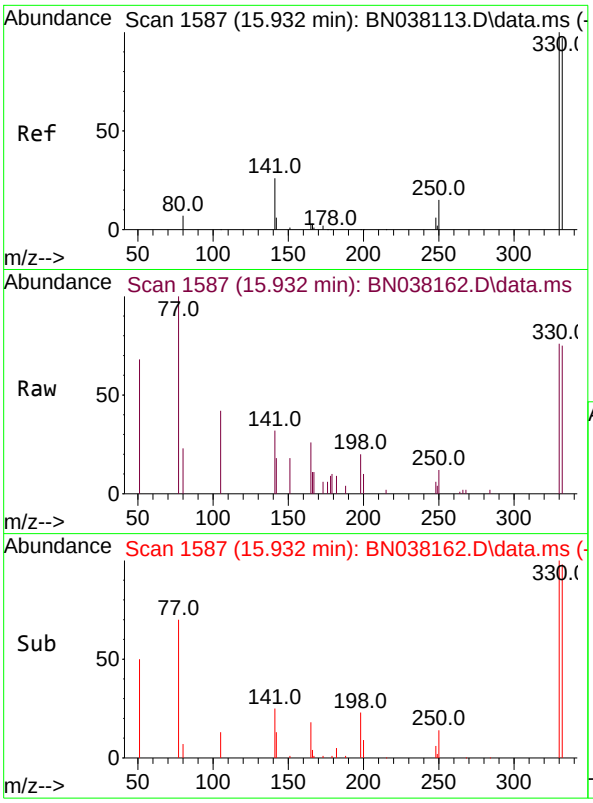


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:164 Resp: 21904

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.4
160	47.2	40.7	61.1



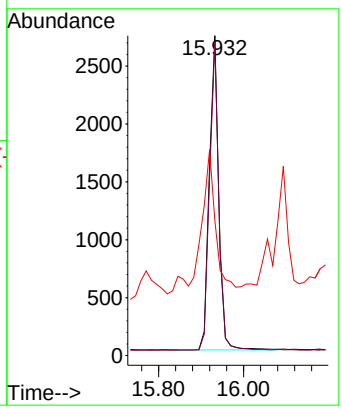


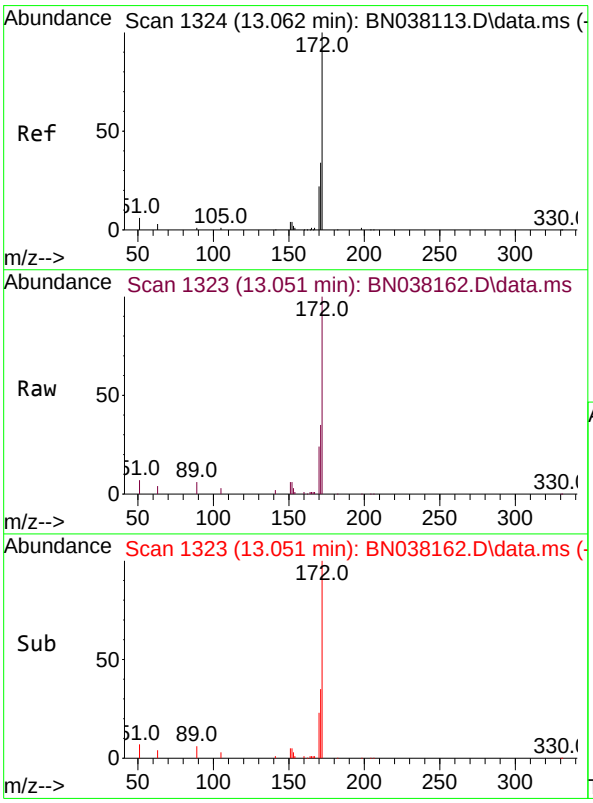
#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:330 Resp: 4131

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	74.9	34.1	51.1#

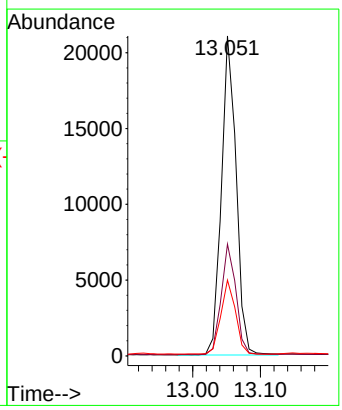


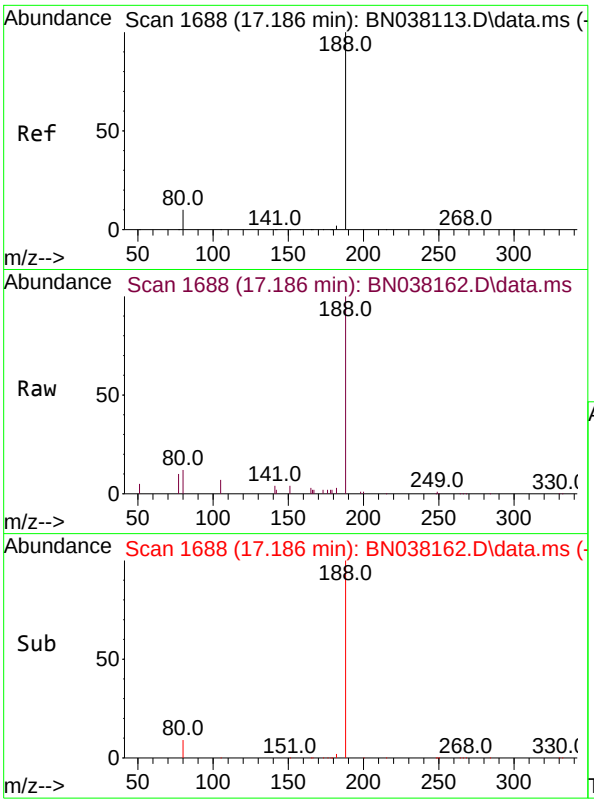


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:172 Resp: 25929

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.7	18.1	27.1



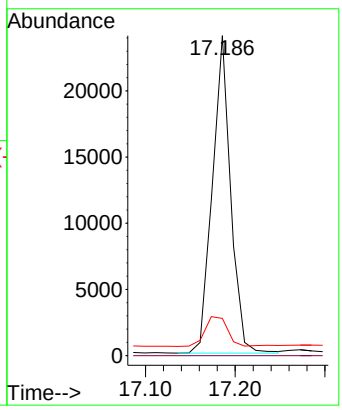


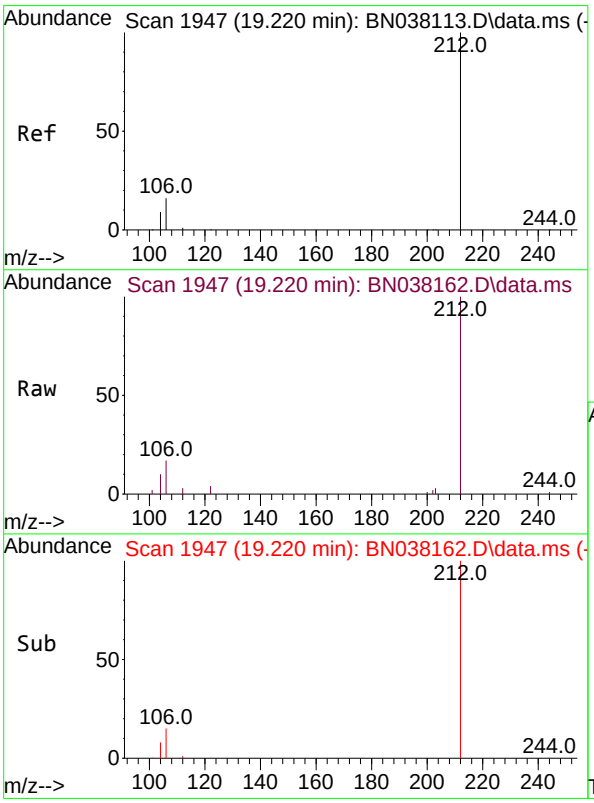
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:188 Resp: 34017

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	8.6	13.0

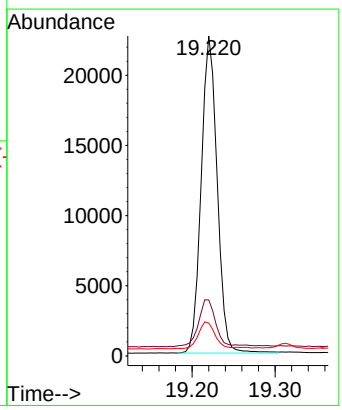


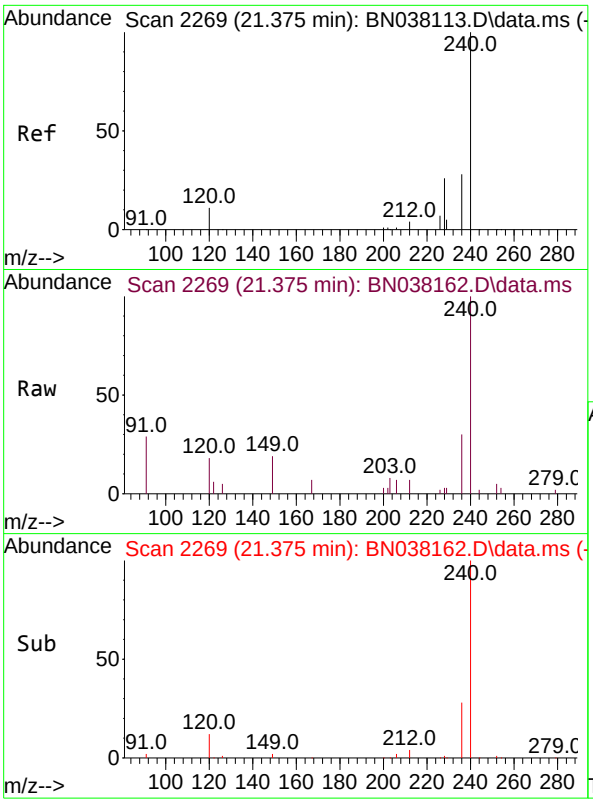


#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:212 Resp: 30149

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	8.8	7.1	10.7



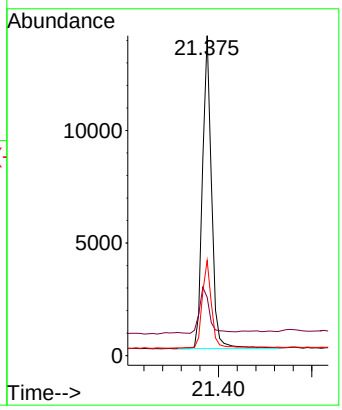


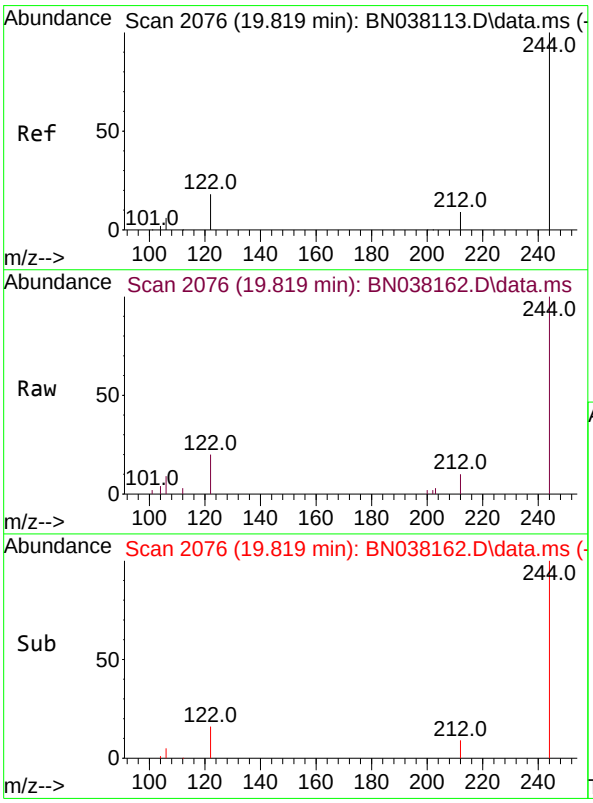
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:240 Resp: 18758

Ion	Ratio	Lower	Upper
240	100		
120	18.2	10.7	16.1#
236	29.7	23.1	34.7

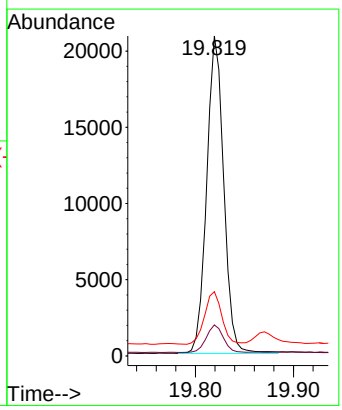


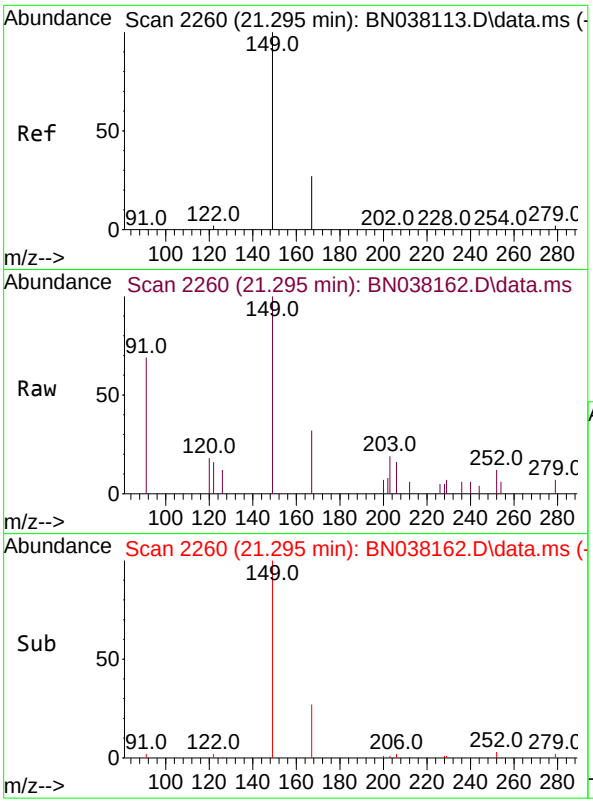


#31
Terphenyl-d14
Concen: 0.618 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:244 Resp: 25173

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	20.1	15.2	22.8



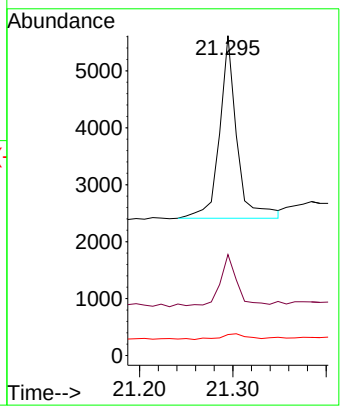


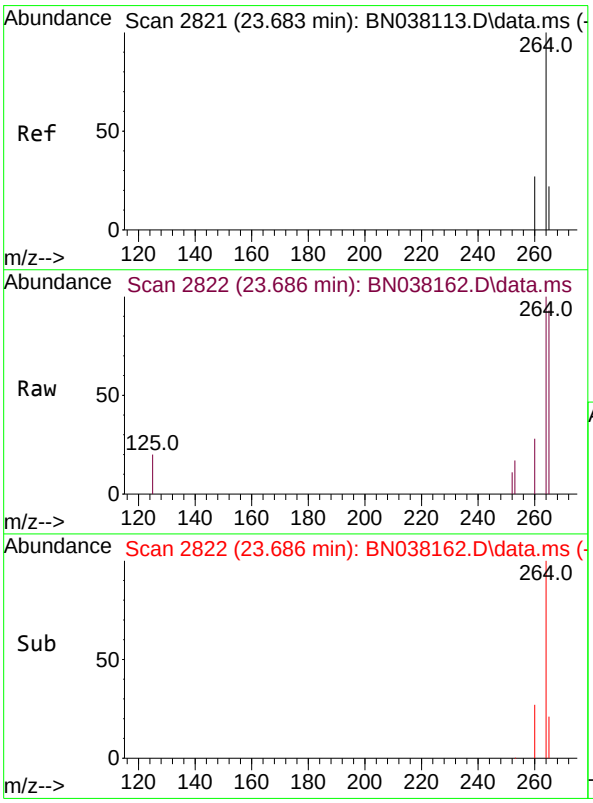
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Instrument :
BNA_N
ClientSampleId :
MW-8

Tgt Ion:149 Resp: 4123

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.1	31.7
279	4.9	2.9	4.3#

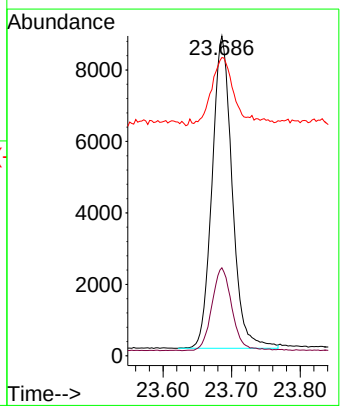




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038162.D
Acq: 07 Nov 2025 19:46

Tgt Ion:264 Resp: 17749

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	93.2	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038180.D
Acq On : 10 Nov 2025 13:52
Operator : RC/JU
Sample : Q3552-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Quant Time: Nov 10 14:16:39 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

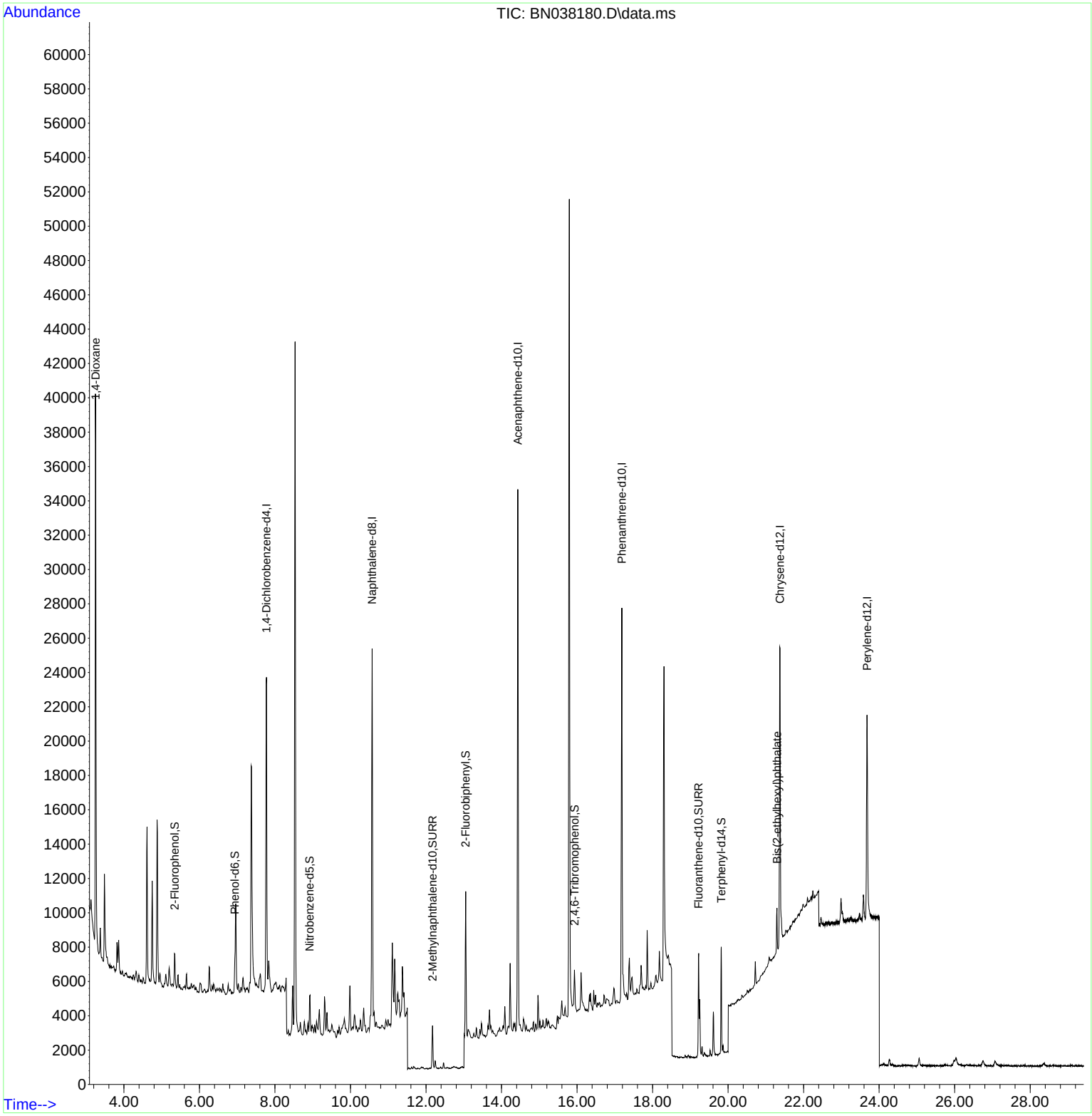
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8860	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29425	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18072	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31918	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18273	0.400	ng	0.00
35) Perylene-d12	23.680	264	17133	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1277	0.061	ng	0.00
5) Phenol-d6	6.937	99	1293	0.051	ng	0.00
8) Nitrobenzene-d5	8.918	82	2188	0.092	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	3548	0.084	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	815	0.109	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	7368	0.102	ng	0.00
27) Fluoranthene-d10	19.220	212	6848	0.085	ng	0.00
31) Terphenyl-d14	19.819	244	6164	0.155	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	20513	2.241	ng	98
34) Bis(2-ethylhexyl)phtha...	21.295	149	2745	0.080	ng	99

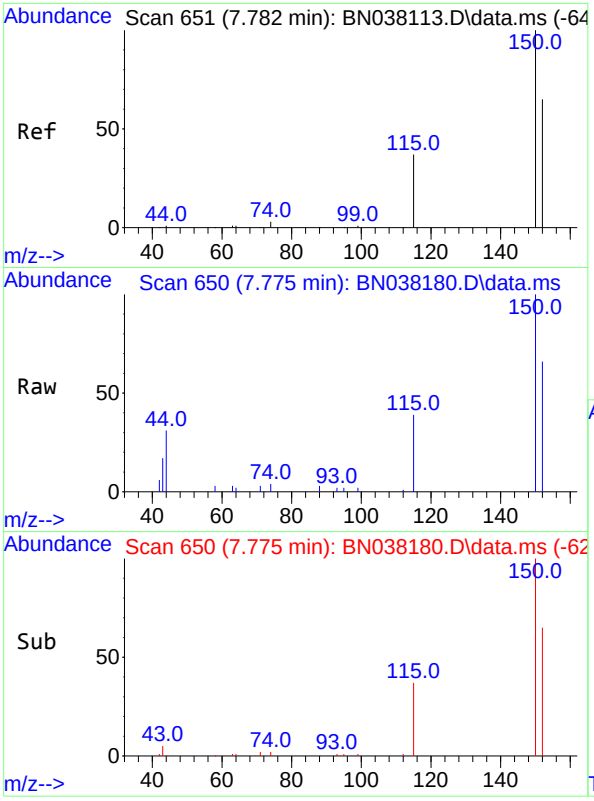
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038180.D
Acq On : 10 Nov 2025 13:52
Operator : RC/JU
Sample : Q3552-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Quant Time: Nov 10 14:16:39 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



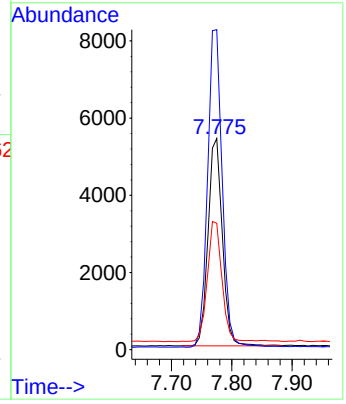


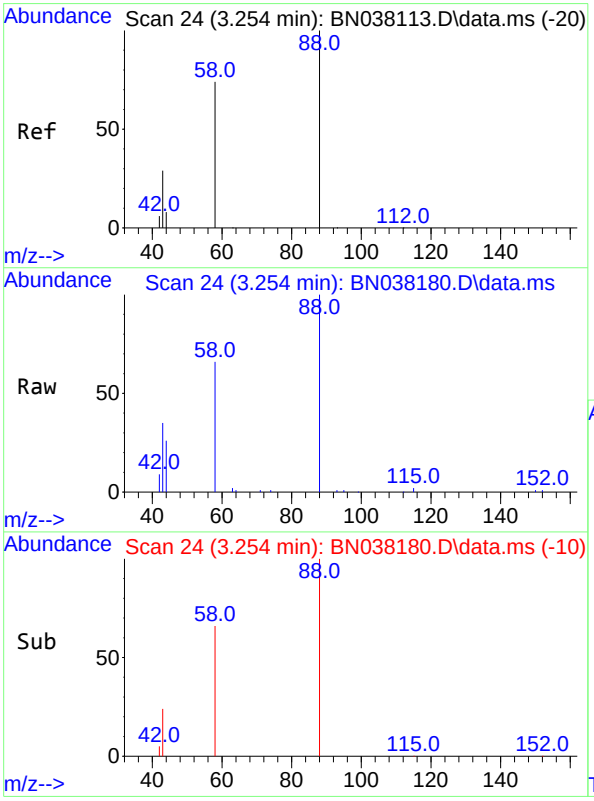
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:152 Resp: 8860

Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.3	183.5
115	59.8	47.4	71.0

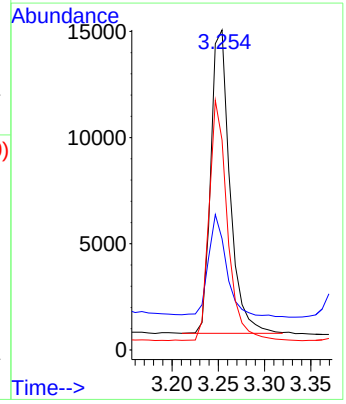


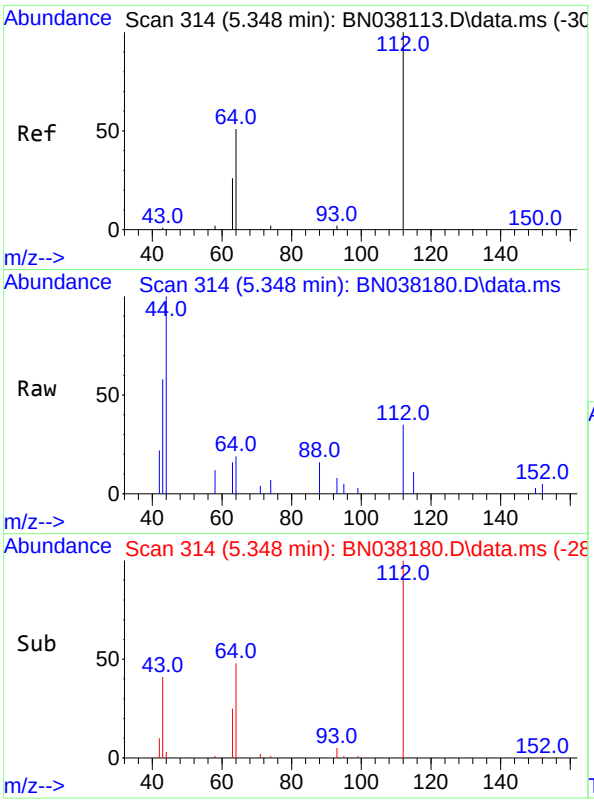


#2
1,4-Dioxane
Concen: 2.241 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 88 Resp: 20513

Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.3	36.5
58	75.9	60.4	90.6



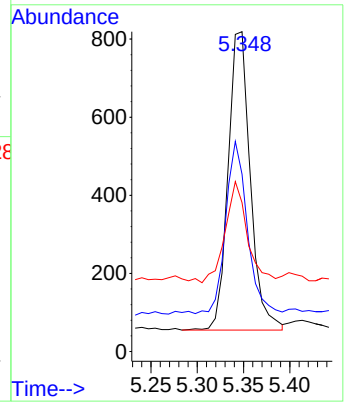


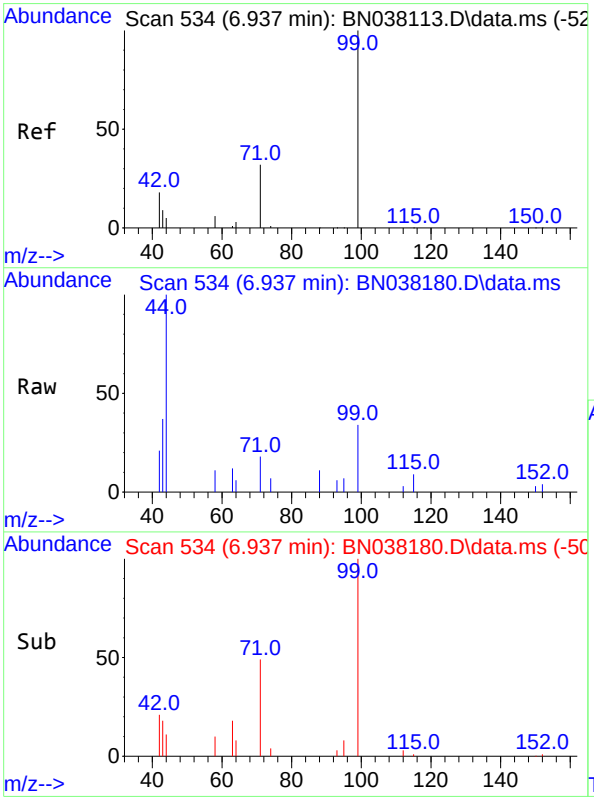
#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.348 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:112 Resp: 1277

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.4	68.0
63	33.5	23.2	34.8

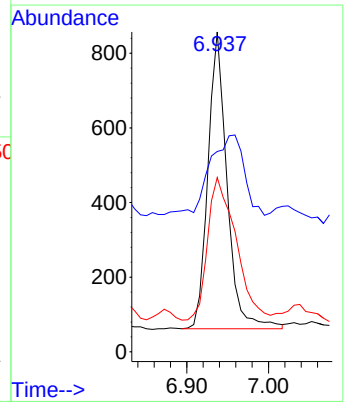


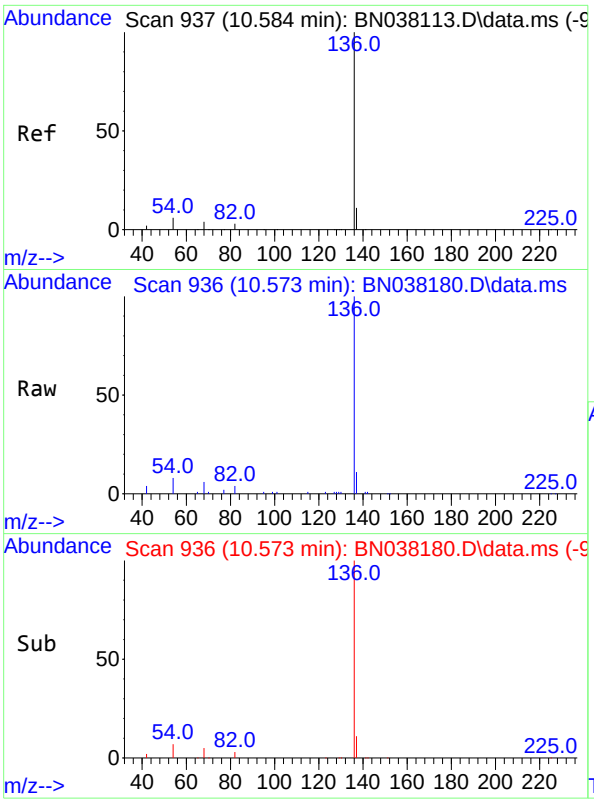


#5
Phenol-d6
Concen: 0.051 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 99 Resp: 1293

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.6	24.8#
71	73.0	25.4	38.2#



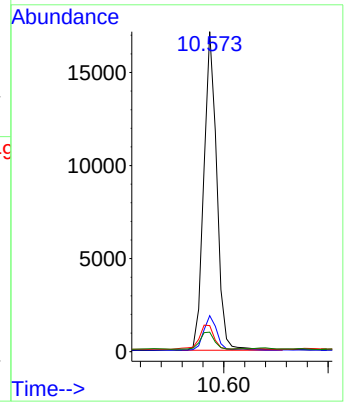


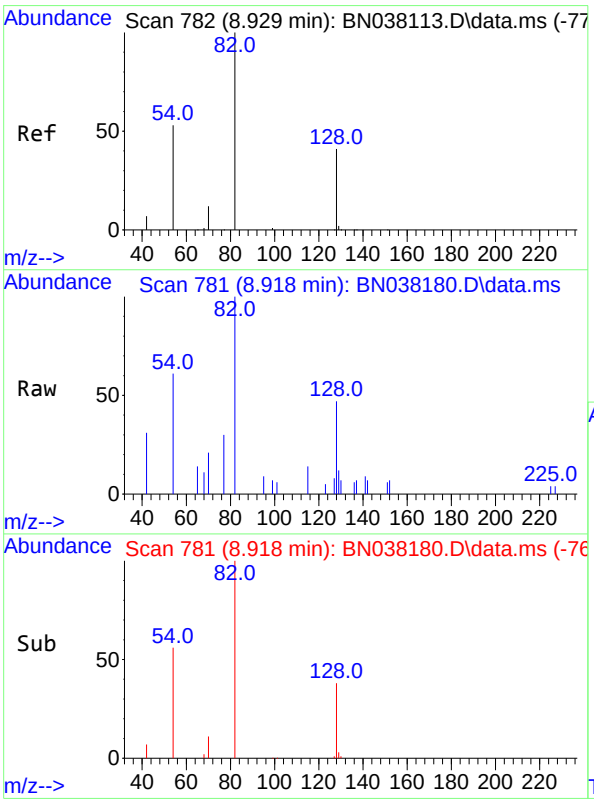
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:136 Resp: 29425

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1

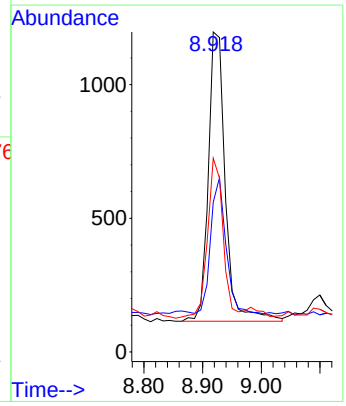


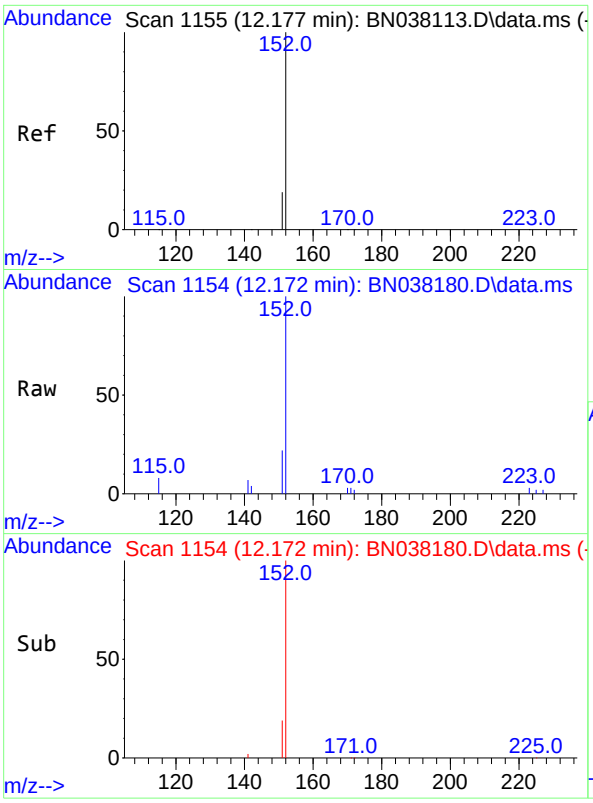


#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion: 82 Resp: 2188

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.1	51.1
54	60.6	43.5	65.3



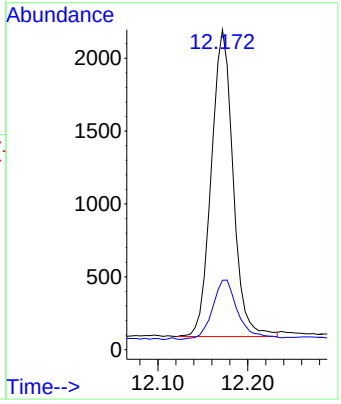


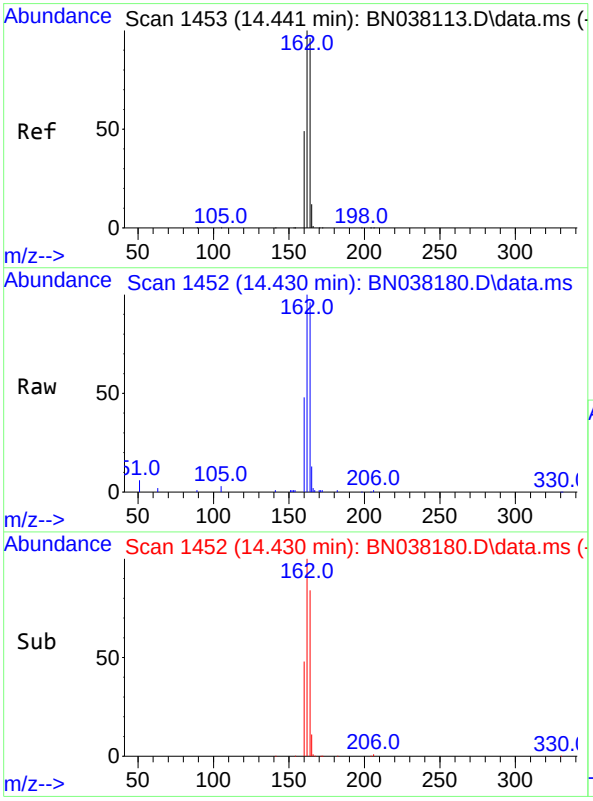
#11
2-Methylnaphthalene-d10
Concen: 0.084 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:152 Resp: 3548

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.8	25.2

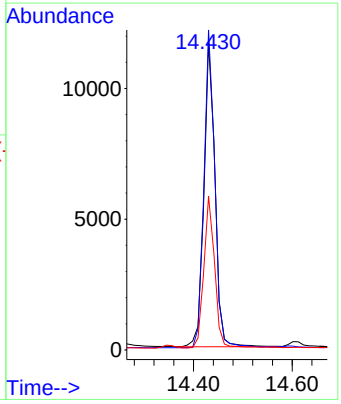


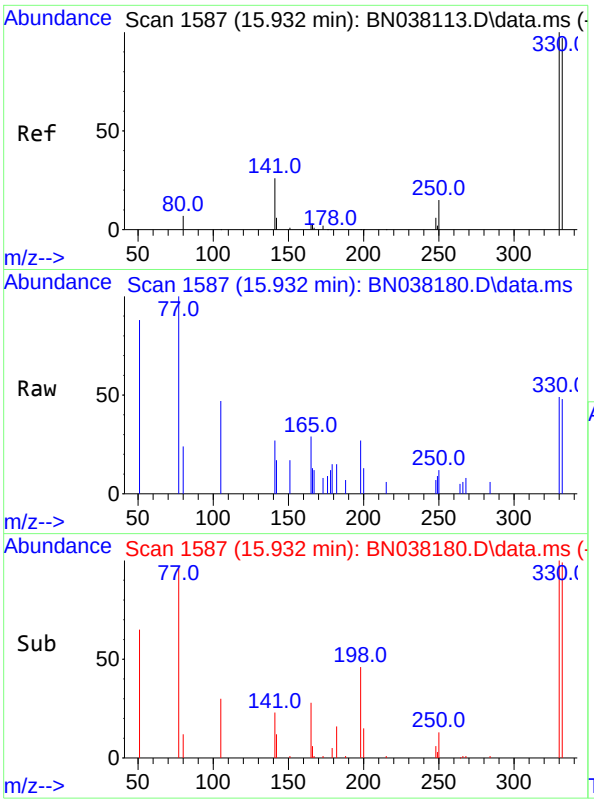


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:164 Resp: 18072

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	50.0	40.7	61.1



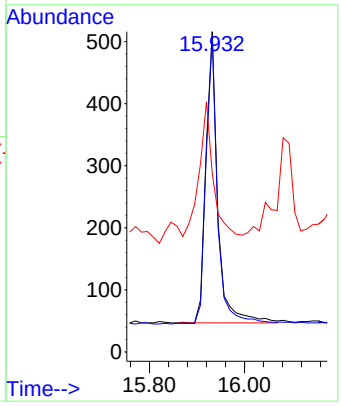


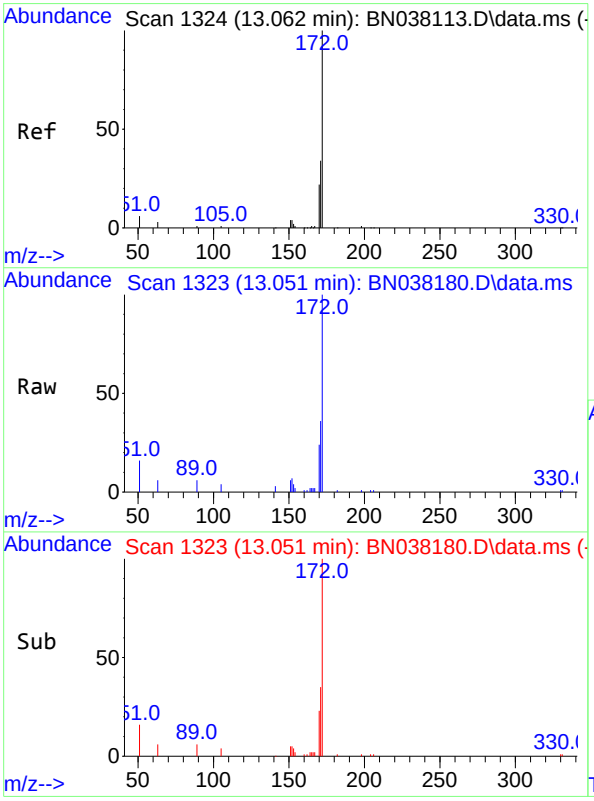
#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:330 Resp: 815

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	55.7	34.1	51.1#

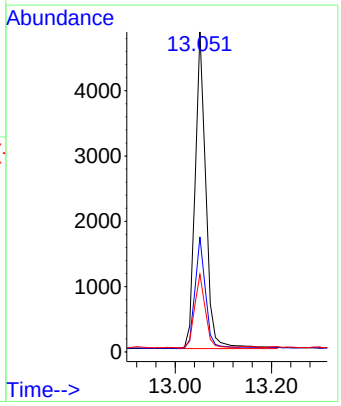


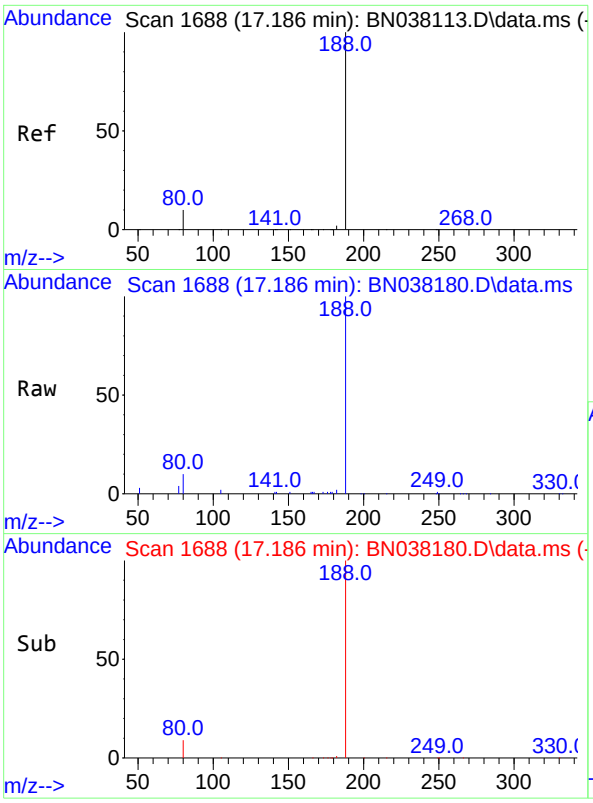


#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:172 Resp: 7368

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.2	18.1	27.1



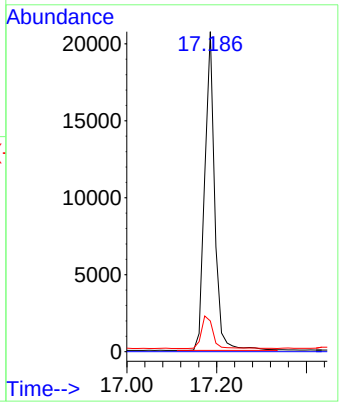


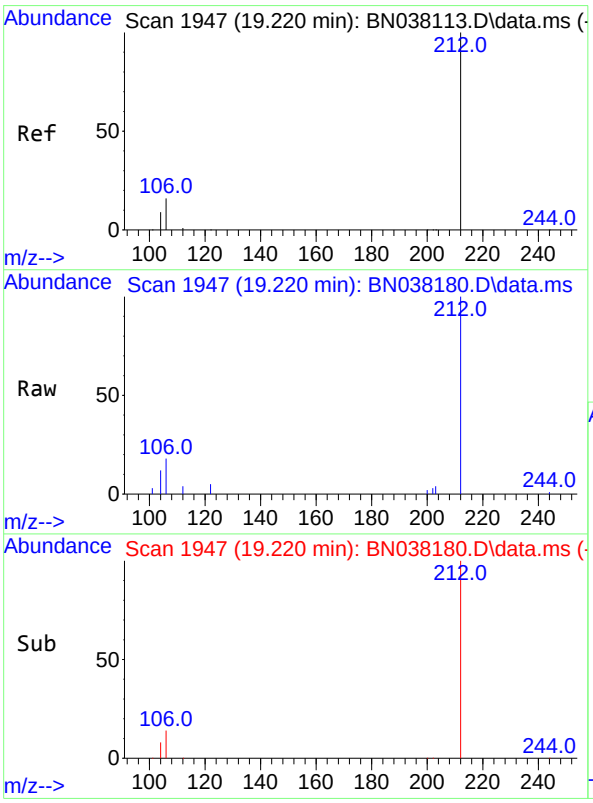
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:188 Resp: 31918

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.6	13.0

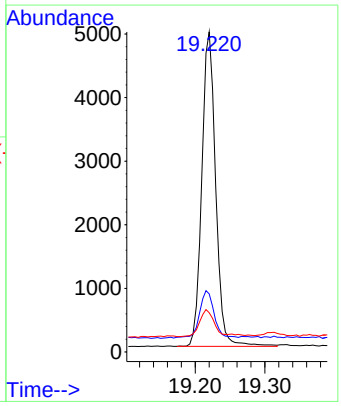


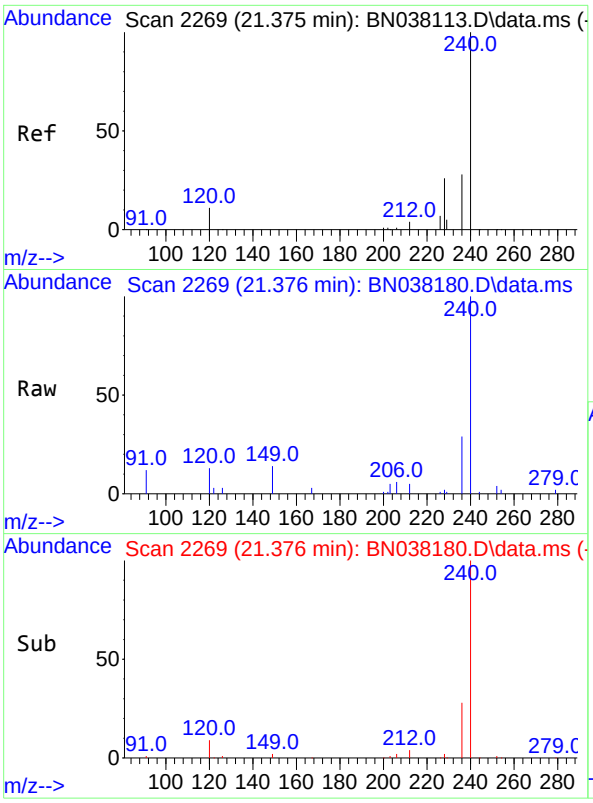


#27
Fluoranthene-d10
Concen: 0.085 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:212 Resp: 6848

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	19.0
104	9.5	7.1	10.7



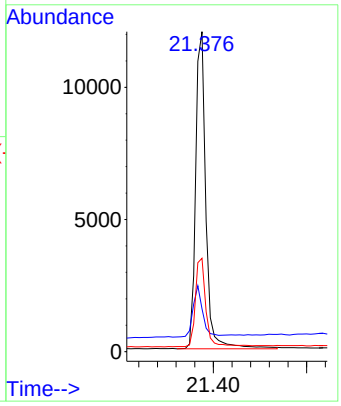


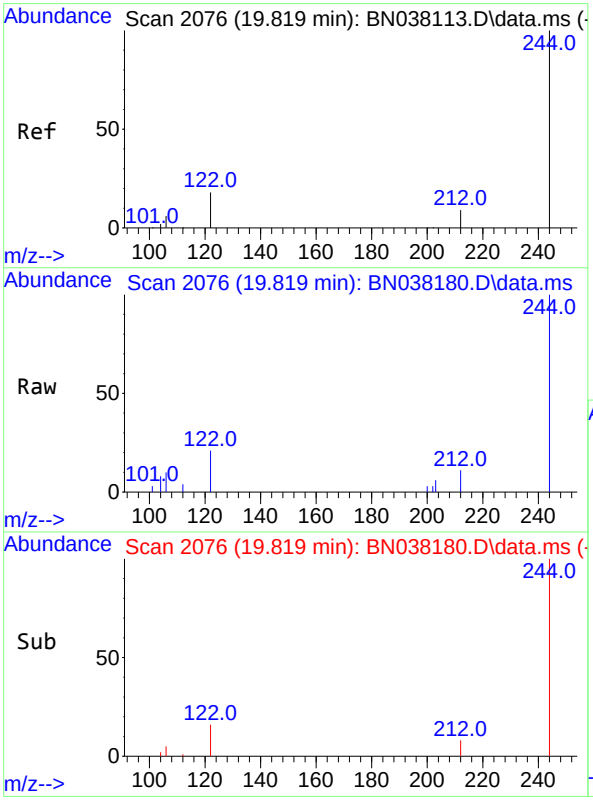
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:240 Resp: 18273

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.7	16.1
236	29.2	23.1	34.7

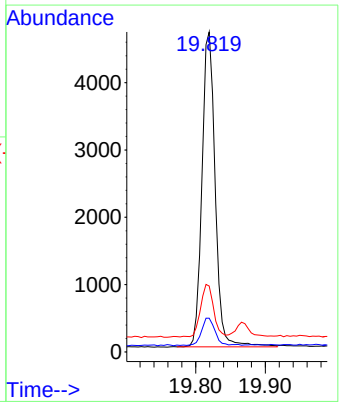


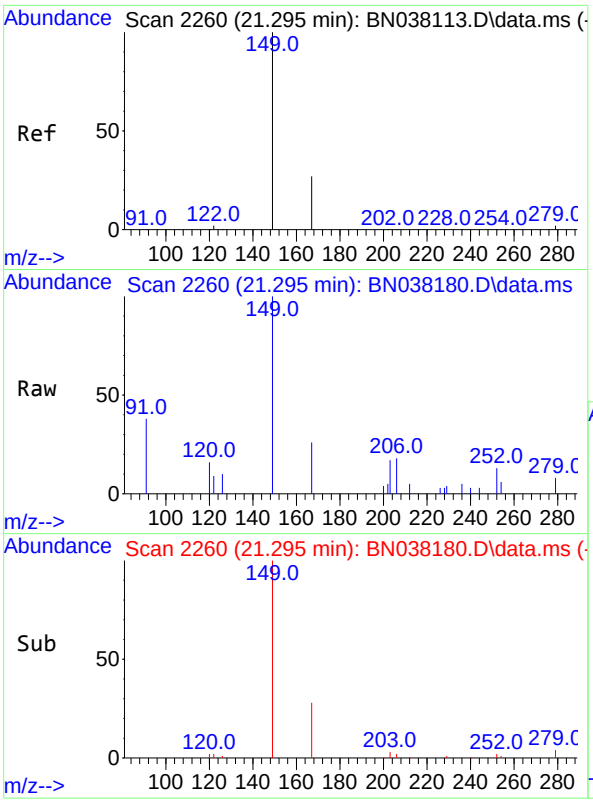


#31
Terphenyl-d14
Concen: 0.155 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:244 Resp: 6164

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	20.6	15.2	22.8



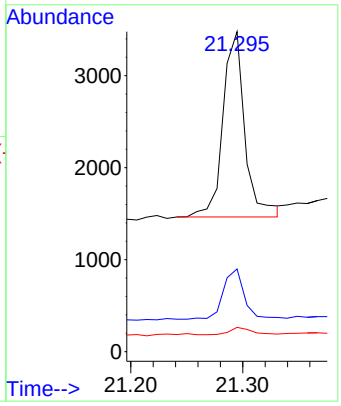


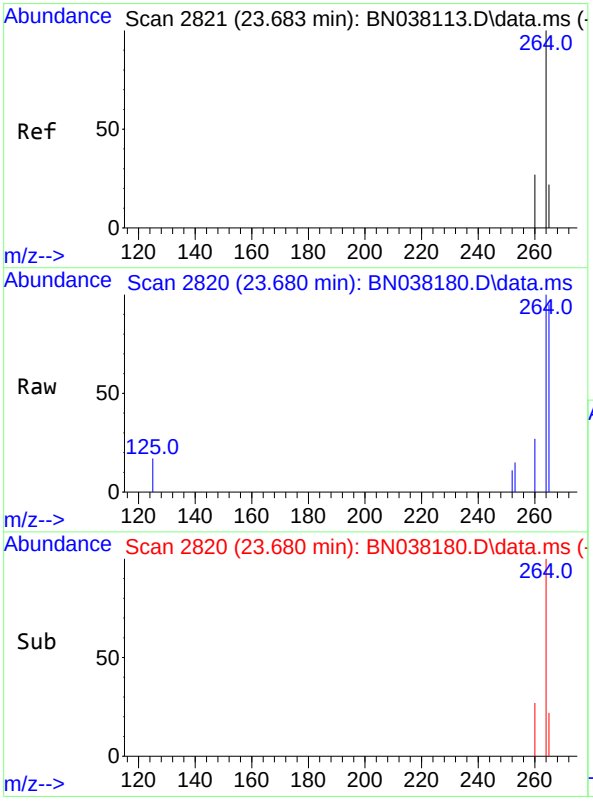
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Instrument :
BNA_N
ClientSampleId :
MW-8DL

Tgt Ion:149 Resp: 2745

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.1	31.7
279	4.1	2.9	4.3

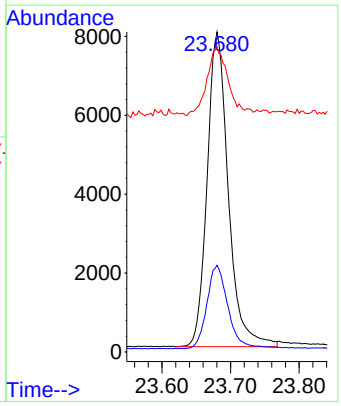




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.680 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN038180.D
Acq: 10 Nov 2025 13:52

Tgt Ion:264 Resp: 17133

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	95.3	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038154.D
Acq On : 07 Nov 2025 14:56
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 07 15:20:30 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 :
MW-9

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	10349	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	33209	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	28422	0.400	ng	#	0.00
19) Phenanthrene-d10	17.186	188	32687	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	18523	0.400	ng	#	0.00
35) Perylene-d12	23.686	264	19674	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	6307	0.259	ng		0.00
5) Phenol-d6	6.937	99	3612	0.122	ng		0.00
8) Nitrobenzene-d5	8.929	82	10645	0.397	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	16944m	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	4153	0.355	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	33737	0.296	ng		0.00
27) Fluoranthene-d10	19.220	212	25672	0.311	ng		0.00
31) Terphenyl-d14	19.819	244	19990	0.497	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	212427	19.866	ng		98
9) Naphthalene	10.626	128	42267	0.462	ng		95
12) 2-Methylnaphthalene	12.248	142	20799	0.341	ng	#	92
17) Acenaphthene	14.495	154	13254	0.147	ng	#	84
18) Fluorene	15.489	166	24796	0.210	ng	#	12
24) Pentachlorophenol	16.838	266	225	0.021	ng	#	82
25) Phenanthrene	17.223	178	14514m	0.140	ng		
26) Anthracene	17.322	178	18419	0.203	ng		96
28) Fluoranthene	19.253	202	6074	0.052	ng	#	82
30) Pyrene	19.615	202	6838	0.082	ng	#	81
34) Bis(2-ethylhexyl)phtha...	21.295	149	19583	0.563	ng	#	86

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

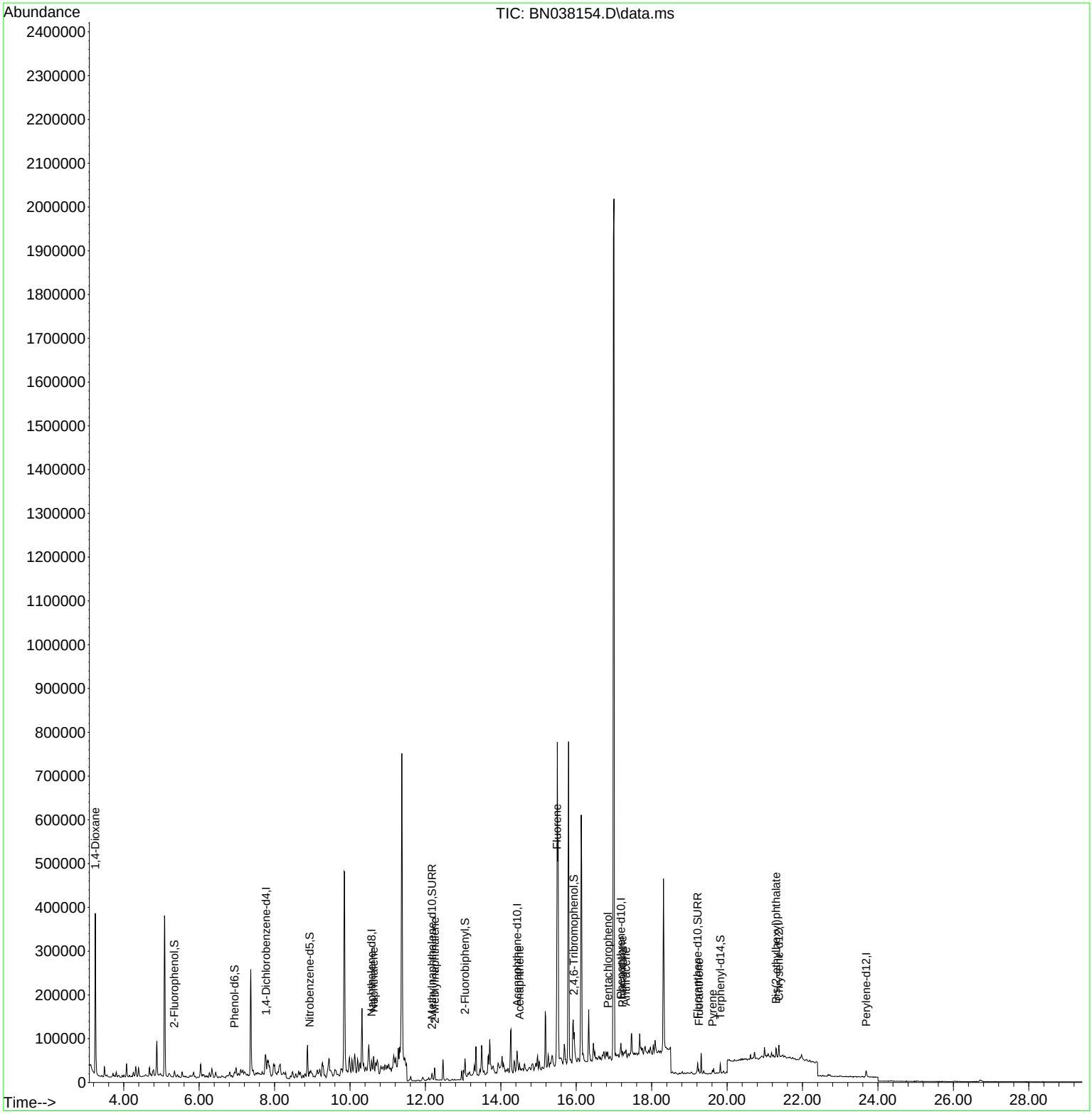
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038154.D
Acq On : 07 Nov 2025 14:56
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

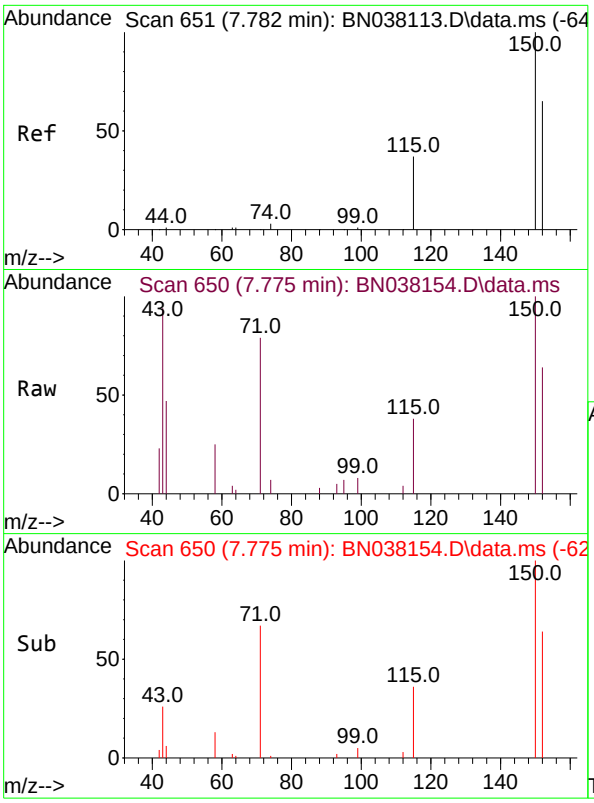
Quant Time: Nov 07 15:20:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

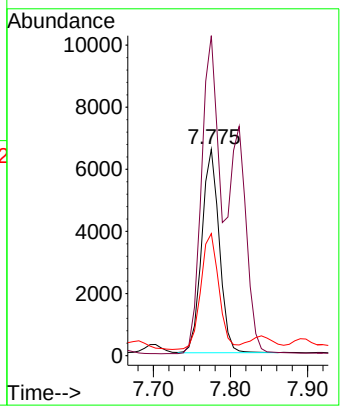




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:152 Resp: 1034

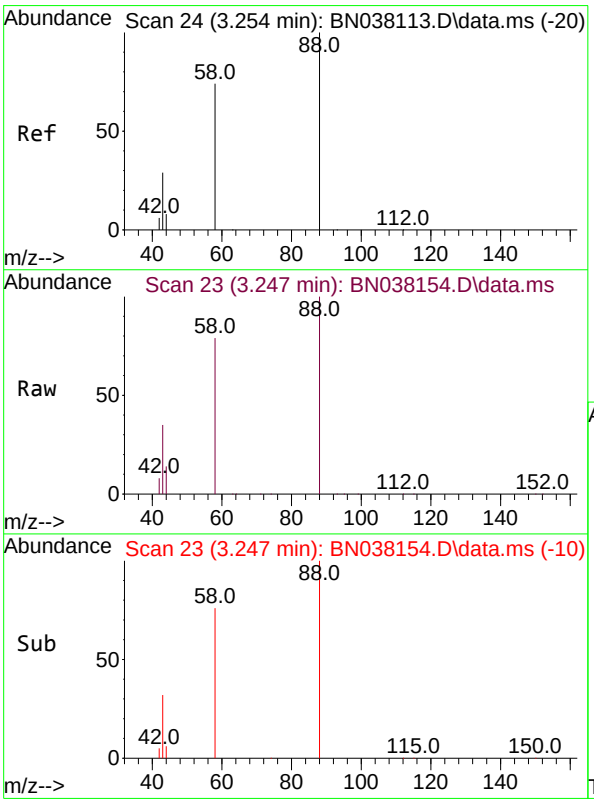
Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.3	183.5
115	59.1	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

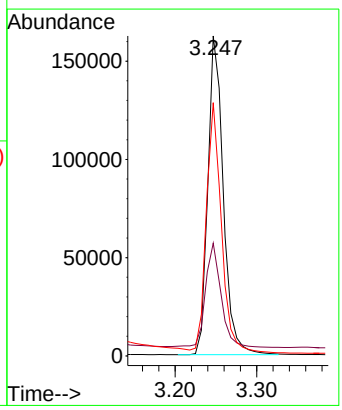
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

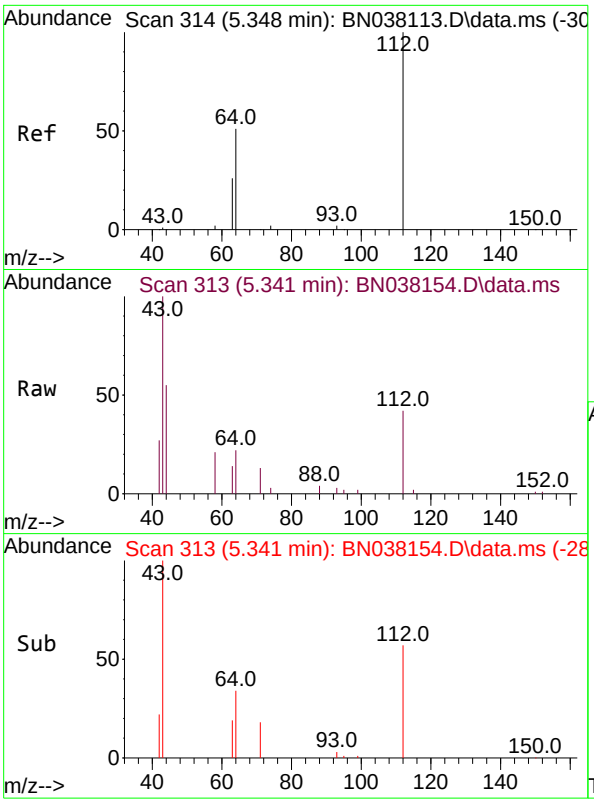


#2
1,4-Dioxane
Concen: 19.866 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion: 88 Resp: 212427

Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.3	36.5
58	76.6	60.4	90.6





#4
2-Fluorophenol
Concen: 0.259 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

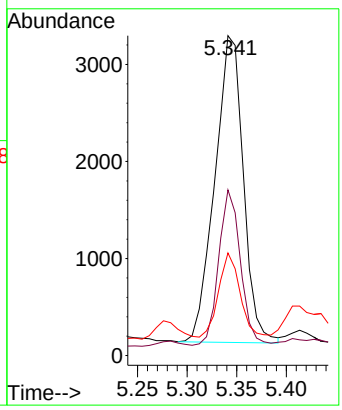
Tgt Ion:112 Resp: 630

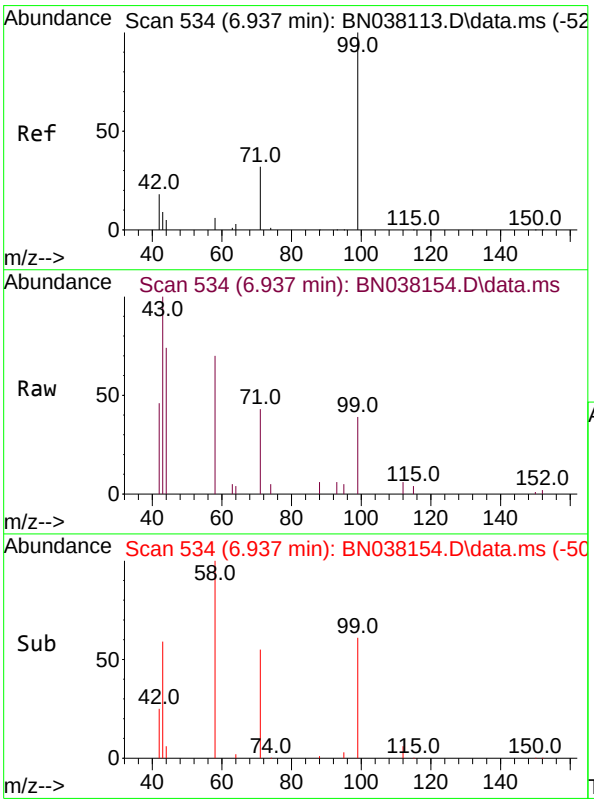
Ion	Ratio	Lower	Upper
112	100		
64	39.3	45.4	68.0#
63	21.9	23.2	34.8#

Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

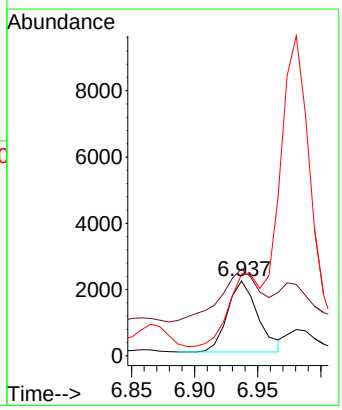


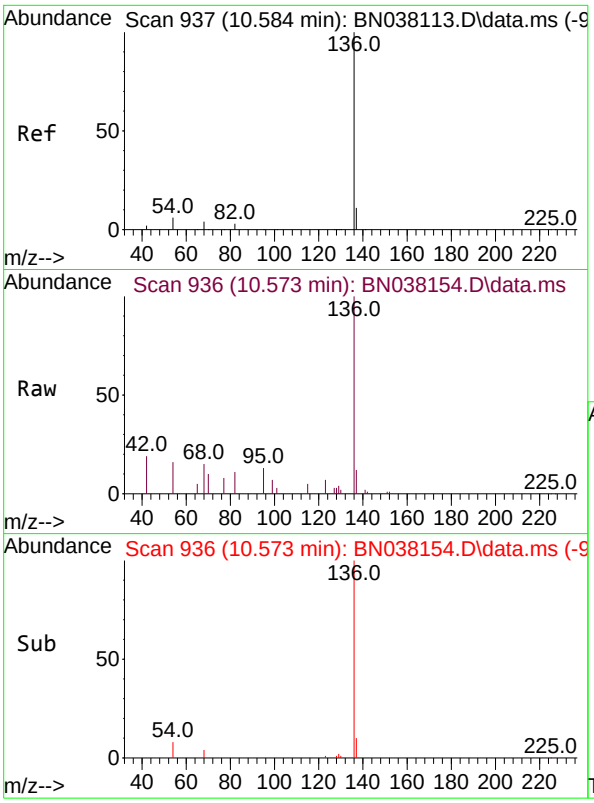


#5
Phenol-d6
Concen: 0.122 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion: 99 Resp: 3612

Ion	Ratio	Lower	Upper
99	100		
42	97.3	16.6	24.8#
71	0.0	25.4	38.2#

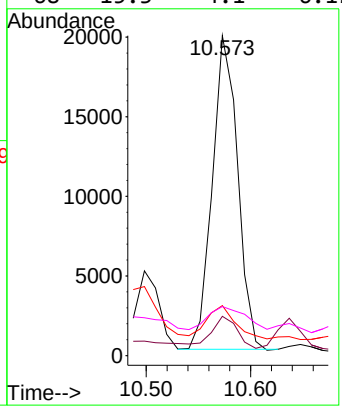




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:136 Resp: 3320

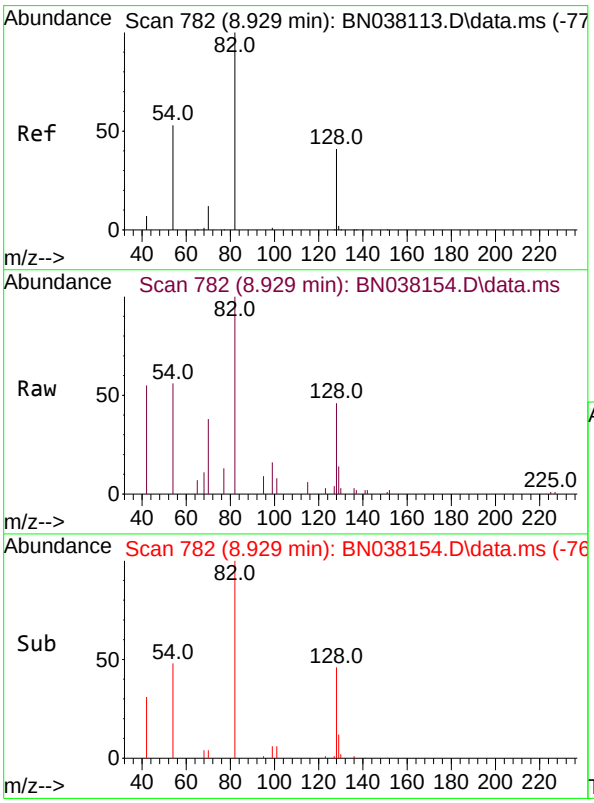
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.0	13.4
54	15.6	5.2	7.8#
68	15.3	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

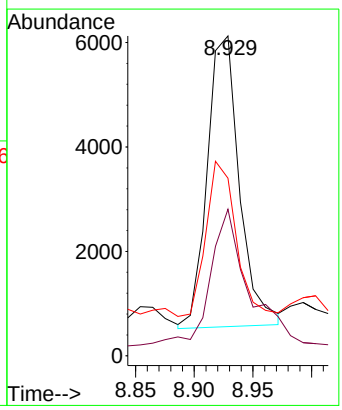
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

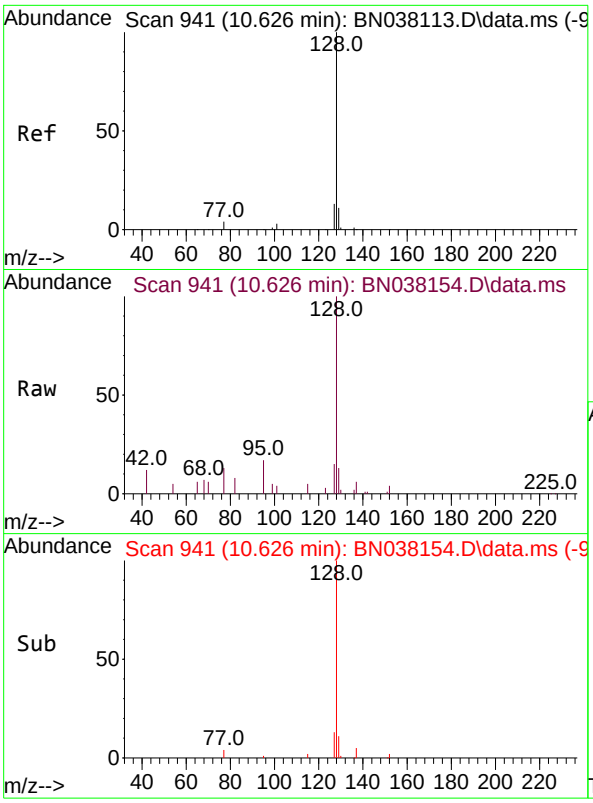


#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion: 82 Resp: 10645

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.1	51.1
54	55.5	43.5	65.3

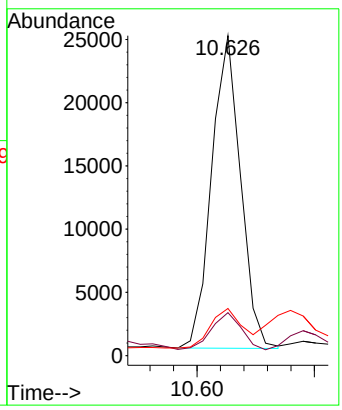




#9
Naphthalene
Concen: 0.462 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:128 Resp: 4226

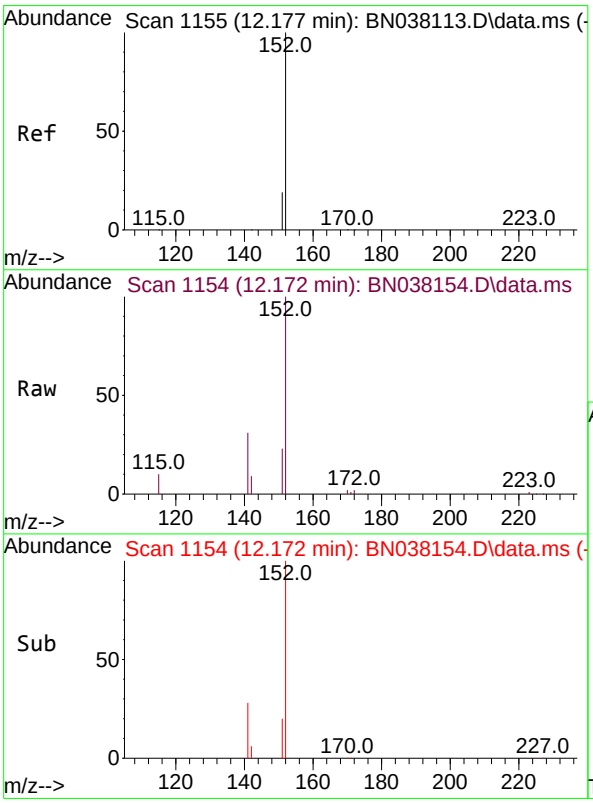
Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.1	13.7
127	14.7	10.5	15.7



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

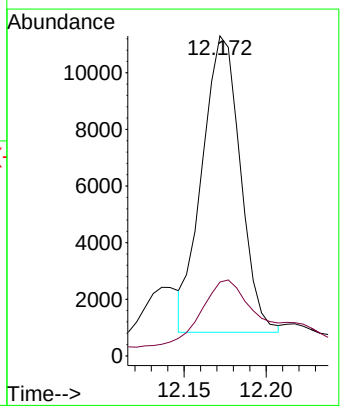
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

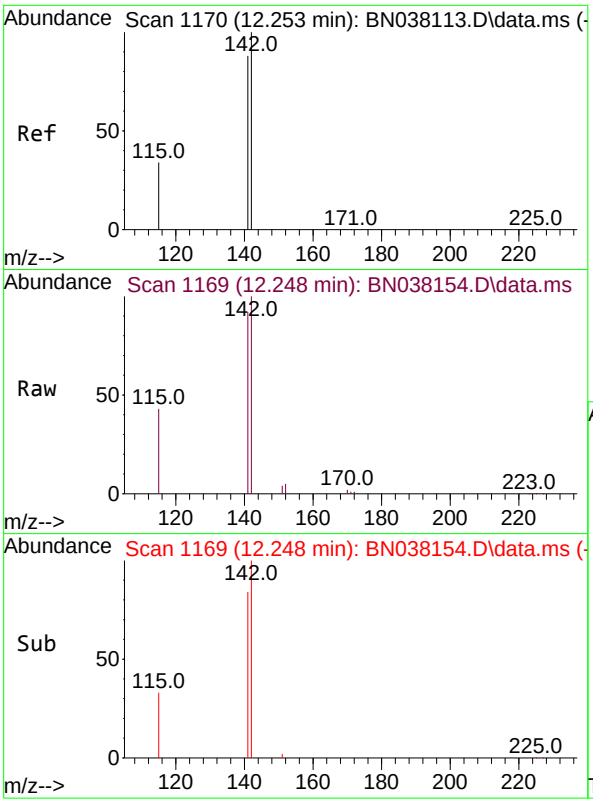


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng m
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:152 Resp: 16944

Ion	Ratio	Lower	Upper
152	100		
151	42.1	16.8	25.2#

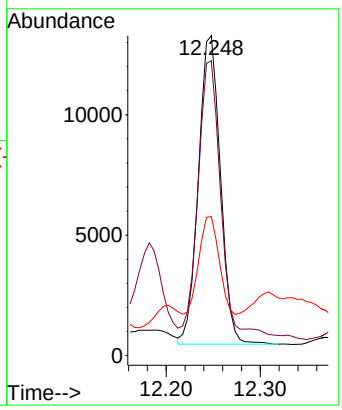




#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.248 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:142 Resp: 2079

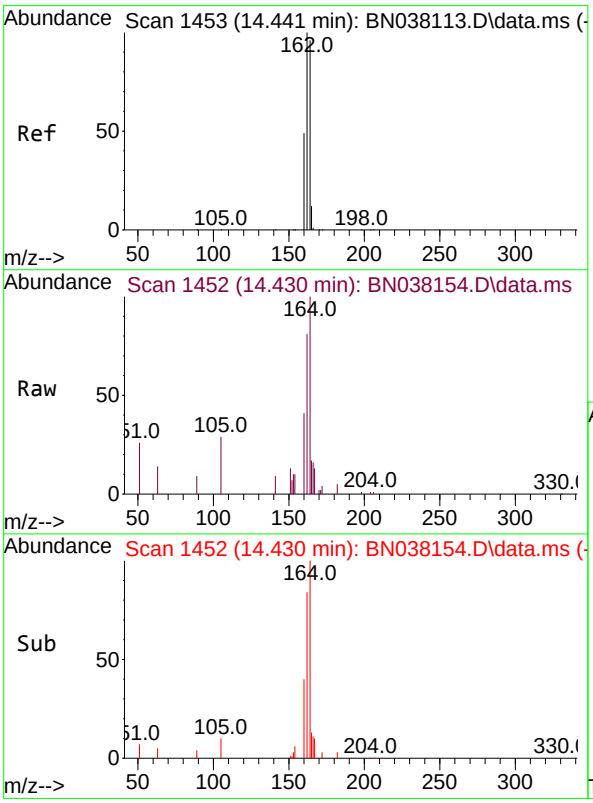
Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.3	105.5
115	43.4	27.8	41.6#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

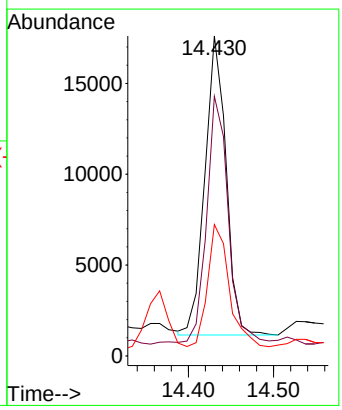
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

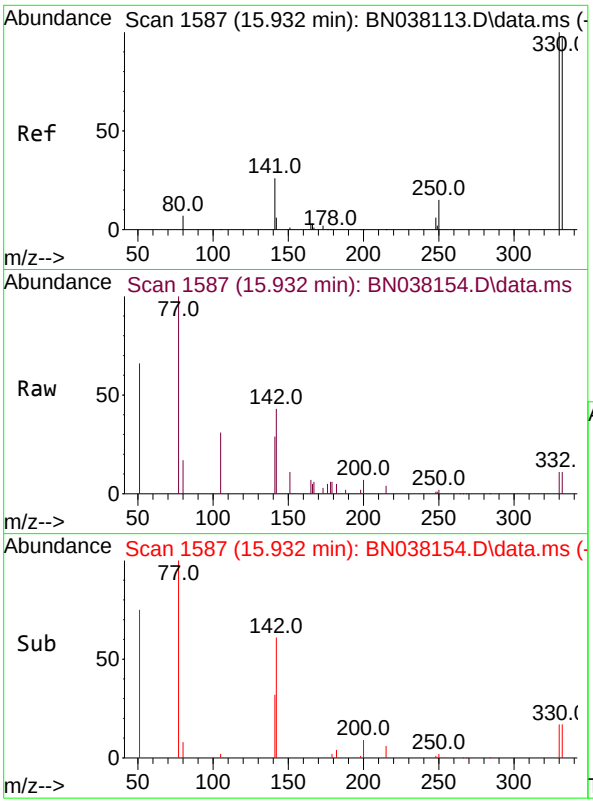


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:164 Resp: 28422

Ion	Ratio	Lower	Upper
164	100		
162	81.1	83.0	124.4#
160	41.0	40.7	61.1

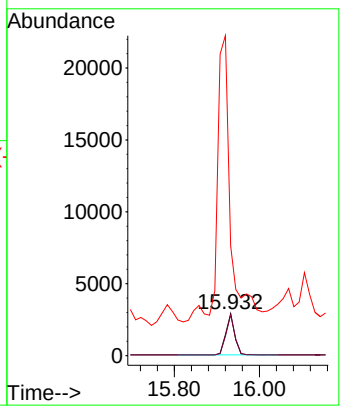




#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

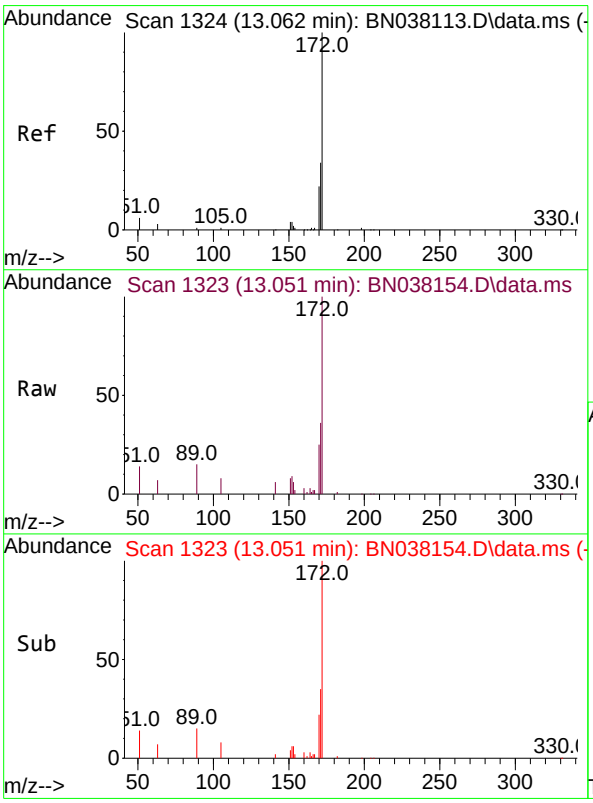
Tgt Ion:330 Resp: 415

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	910.5	34.1	51.1#



Instrument :
BNA_N
ClientSampleId :
MW-9

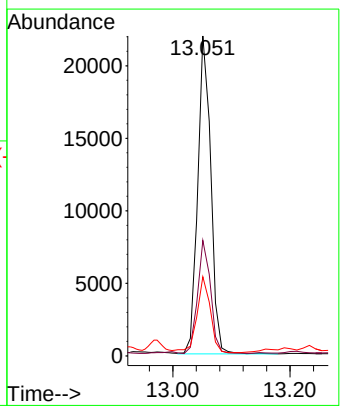
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

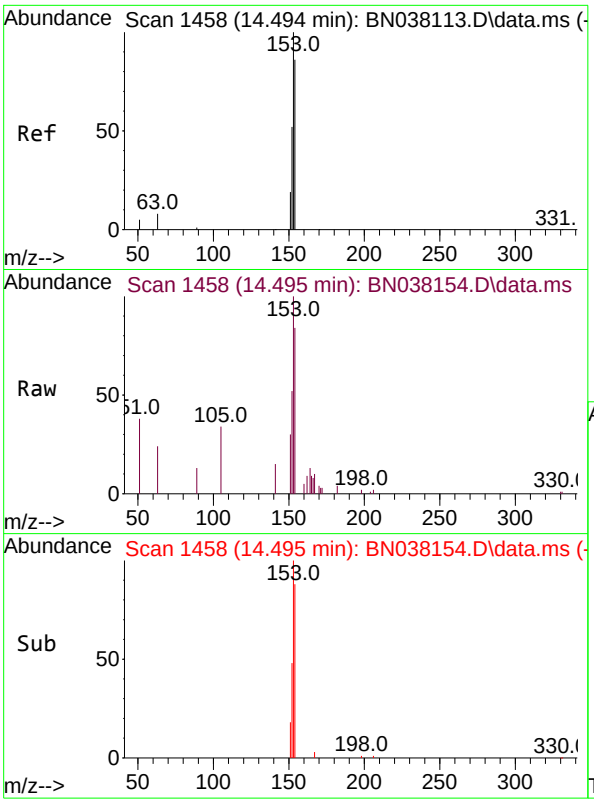


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:172 Resp: 33737

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	24.7	18.1	27.1

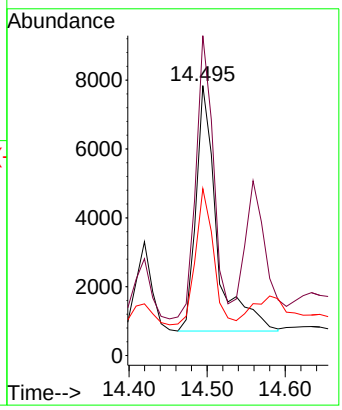




#17
Acenaphthene
Concen: 0.147 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:154 Resp: 1325

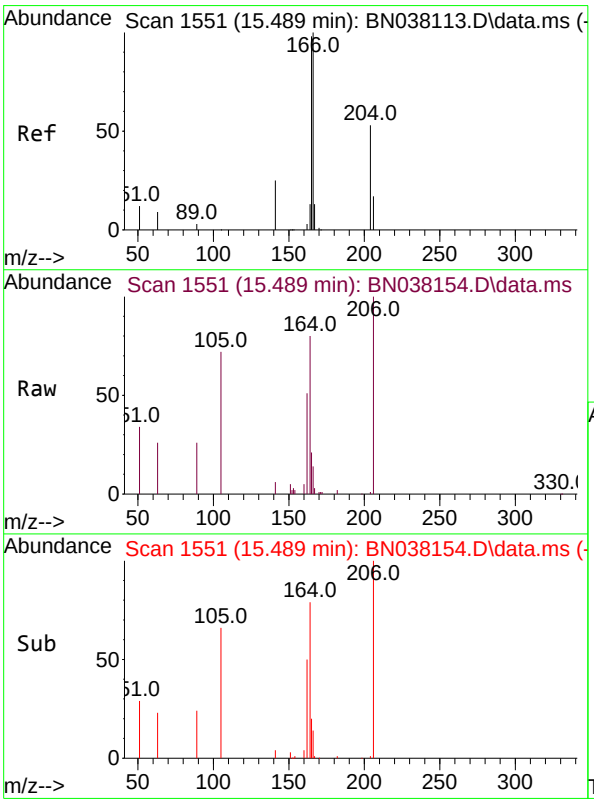
Ion	Ratio	Lower	Upper
154	100		
153	95.7	90.0	135.0
152	46.9	47.3	70.9#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

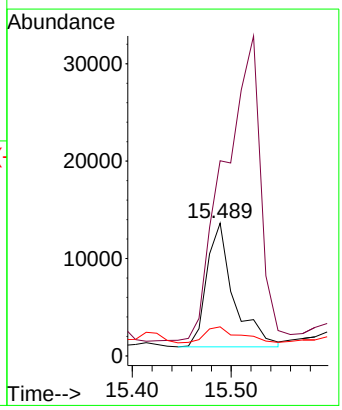
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

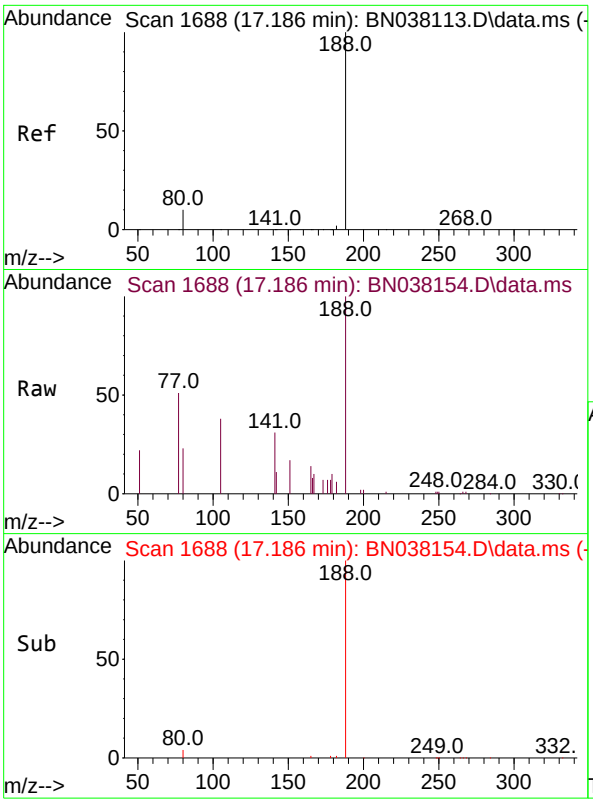


#18
Fluorene
Concen: 0.210 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:166 Resp: 24796

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.0	118.4#
167	16.1	10.7	16.1#

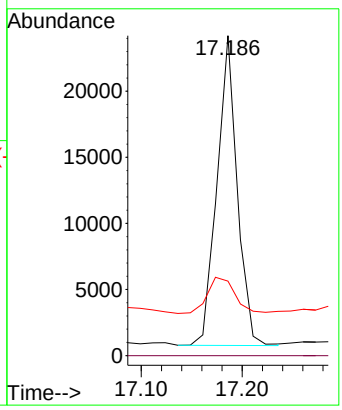




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:188 Resp: 3268

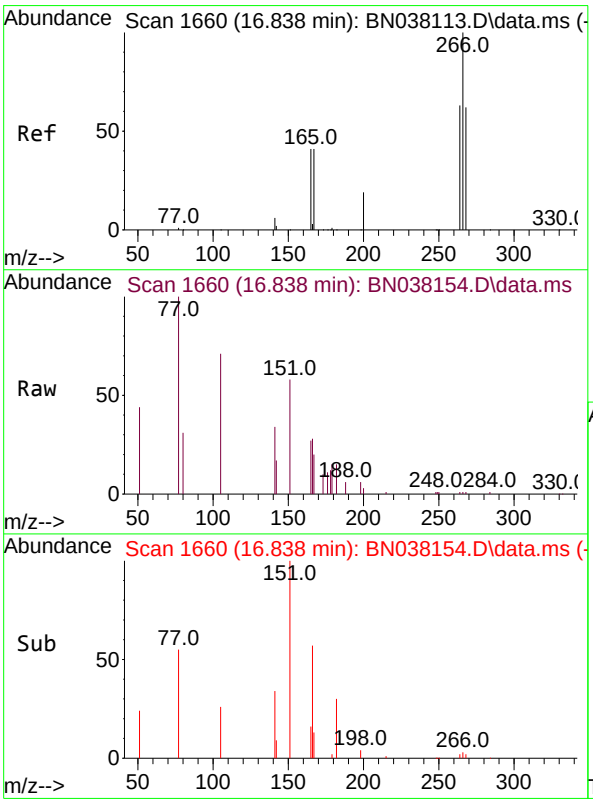
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	23.3	8.6	13.0#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

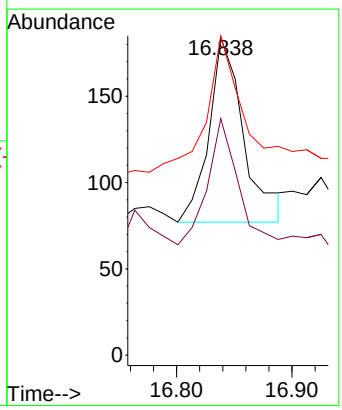
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

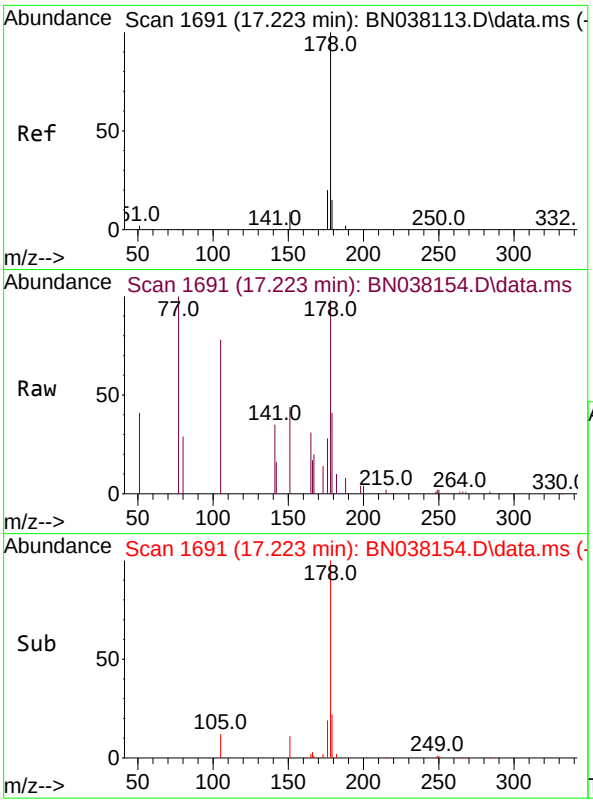


#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:266 Resp: 225

Ion	Ratio	Lower	Upper
266	100		
264	59.1	49.3	73.9
268	88.0	50.6	75.8#

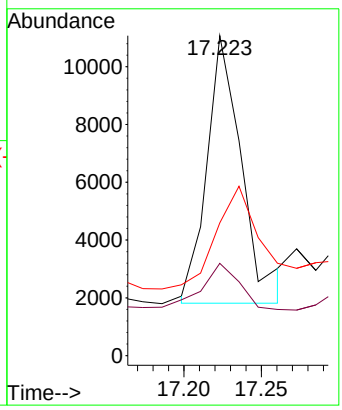




#25
Phenanthrene
Concen: 0.140 ng m
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:178 Resp: 1451

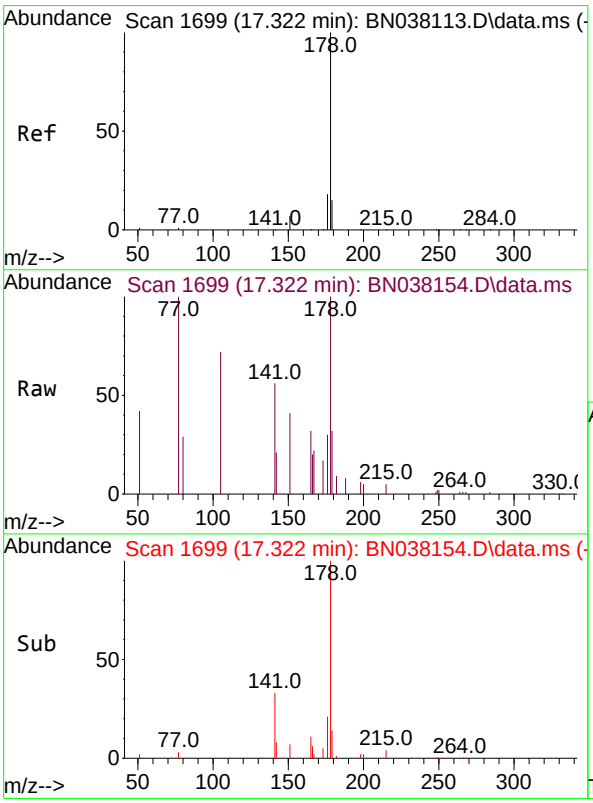
Ion	Ratio	Lower	Upper
178	100		
176	27.9	15.5	23.3#
179	20.7	12.2	18.4#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

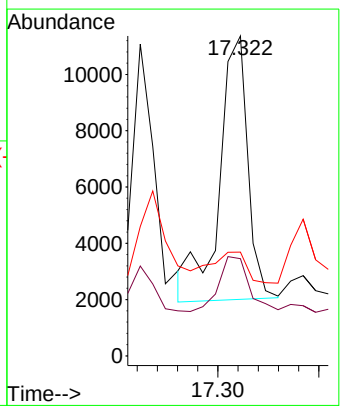
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

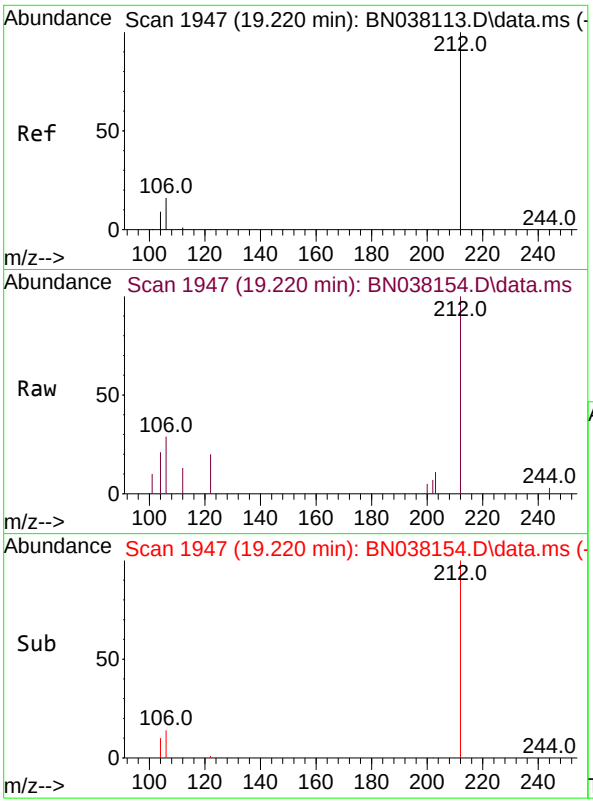


#26
Anthracene
Concen: 0.203 ng
RT: 17.322 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:178 Resp: 18419

Ion	Ratio	Lower	Upper
178	100		
176	22.0	14.9	22.3
179	14.7	11.8	17.8





#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

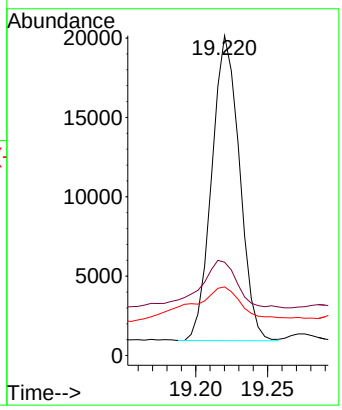
Tgt Ion:212 Resp: 2567

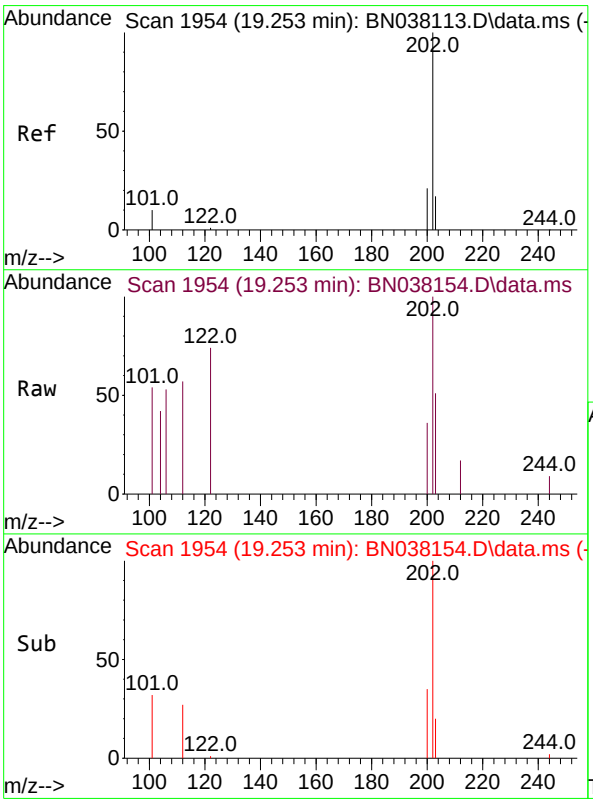
Ion	Ratio	Lower	Upper
212	100		
106	28.5	12.6	19.0#
104	22.6	7.1	10.7#

Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

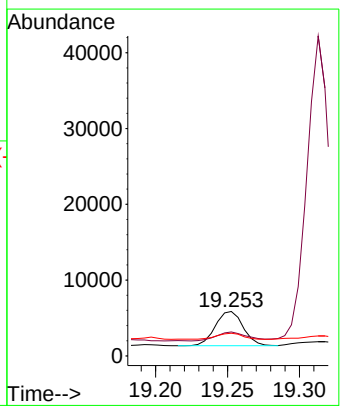


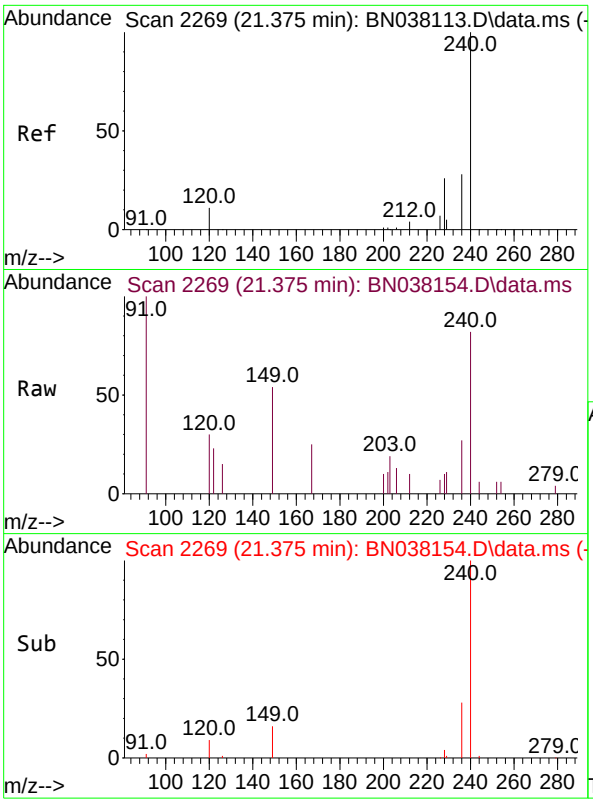


#28
Fluoranthene
Concen: 0.052 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:202 Resp: 6074

Ion	Ratio	Lower	Upper
202	100		
101	28.8	9.4	14.2#
203	16.7	13.4	20.2

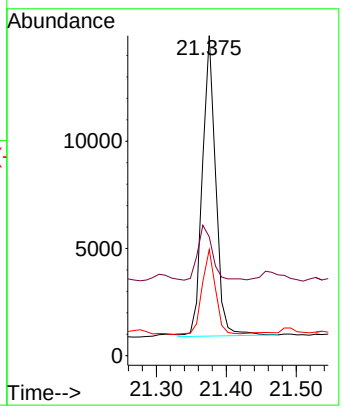




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:240 Resp: 1852

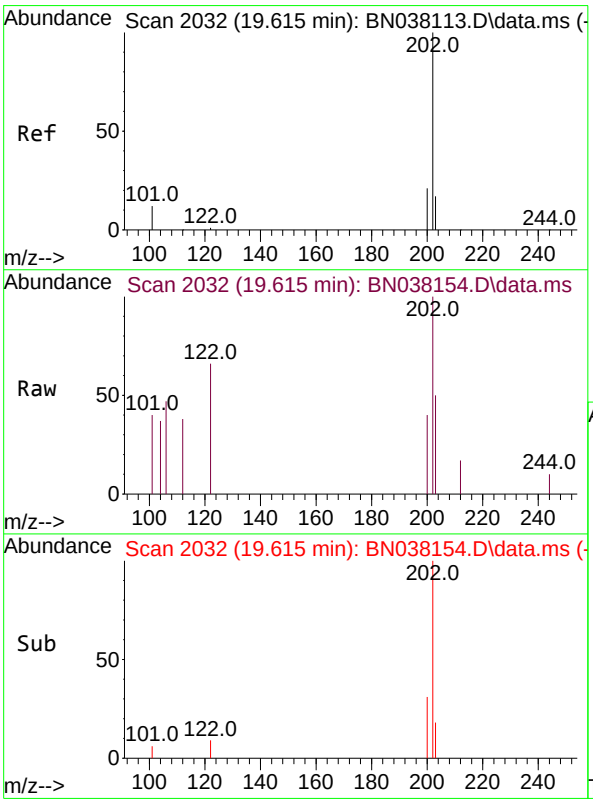
Ion	Ratio	Lower	Upper
240	100		
120	37.1	10.7	16.1#
236	33.1	23.1	34.7



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

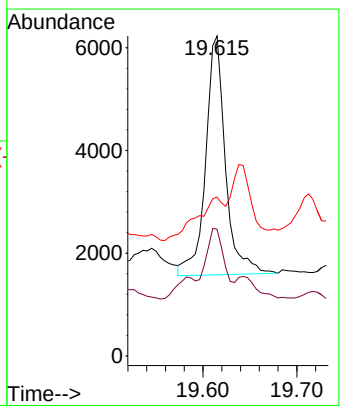
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

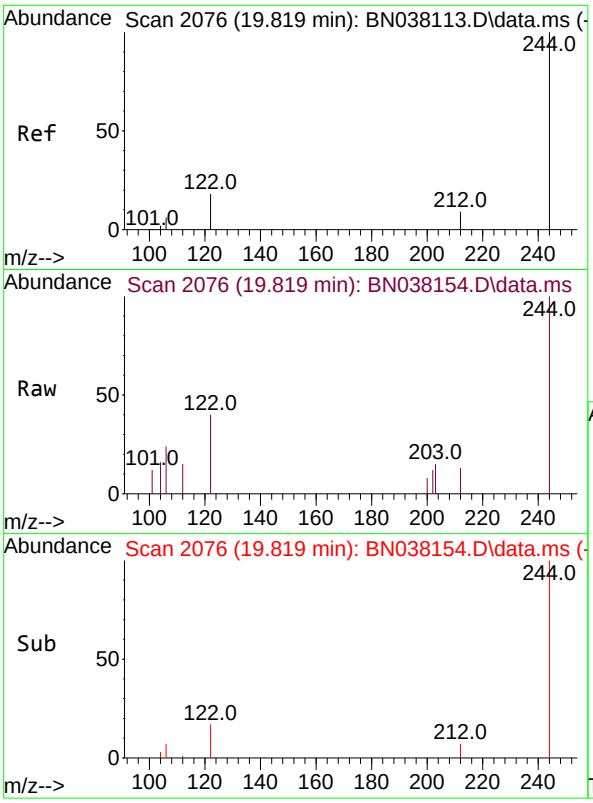


#30
Pyrene
Concen: 0.082 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:202 Resp: 6838

Ion	Ratio	Lower	Upper
202	100		
200	29.5	16.7	25.1#
203	26.0	14.2	21.2#

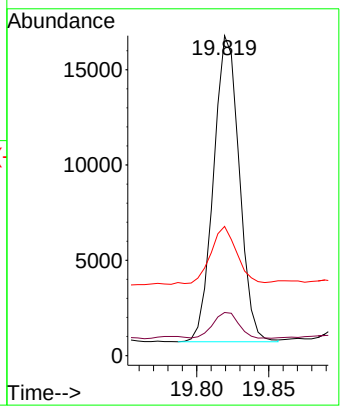




#31
Terphenyl-d14
Concen: 0.497 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:244 Resp: 1999

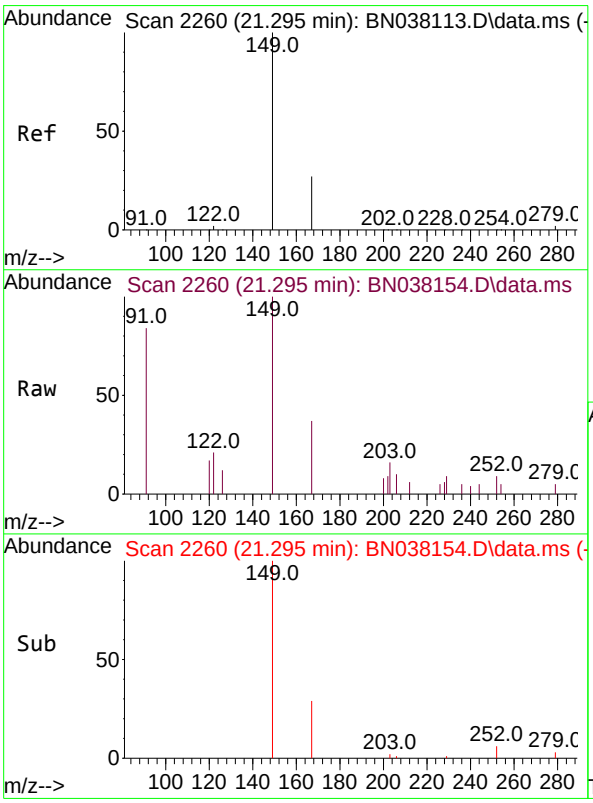
Ion	Ratio	Lower	Upper
244	100		
212	13.5	7.8	11.6#
122	40.4	15.2	22.8#



Instrument :
BNA_N
ClientSampleId :
MW-9

Manual Integrations
APPROVED

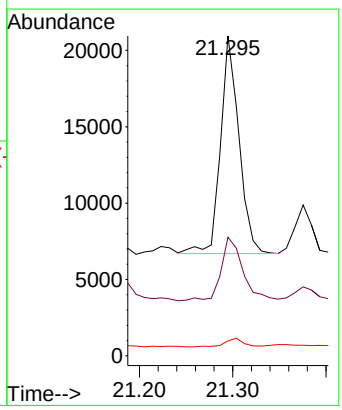
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

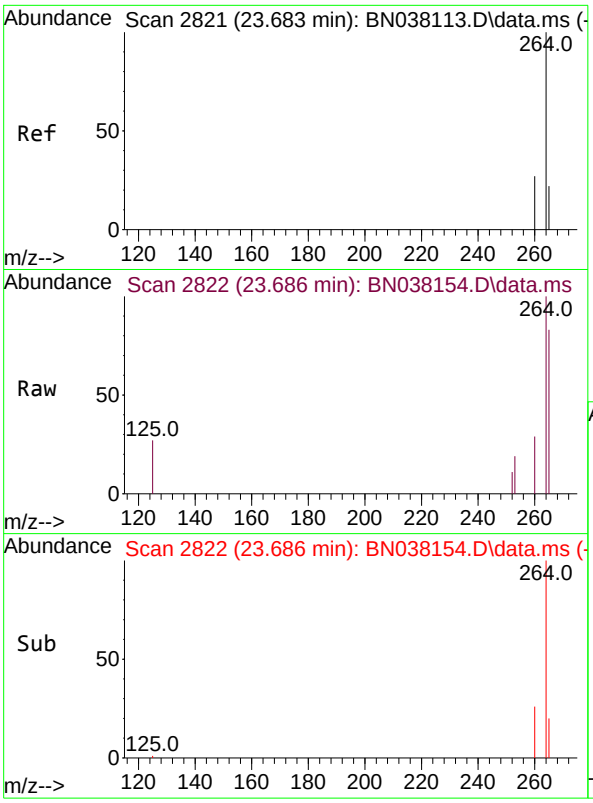


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.563 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:149 Resp: 19583

Ion	Ratio	Lower	Upper
149	100		
167	34.3	21.1	31.7#
279	4.0	2.9	4.3

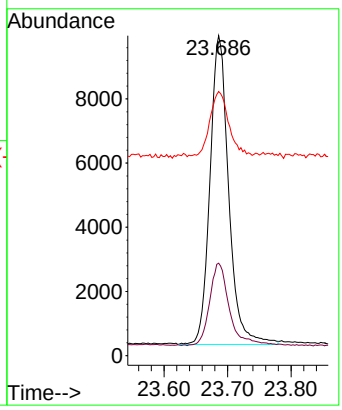




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN038154.D
Acq: 07 Nov 2025 14:56

Tgt Ion:264 Resp: 19674

Ion	Ratio	Lower	Upper
264	100		
260	28.9	21.8	32.8
265	82.5	68.6	102.8



Instrument :
BNA_N
ClientSampleId :
MW-9

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 : BN038179.D
Acq On : 10 Nov 2025 13:16
Operator : RC/JU
Sample : Q3552-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Quant Time: Nov 10 15:03:02 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

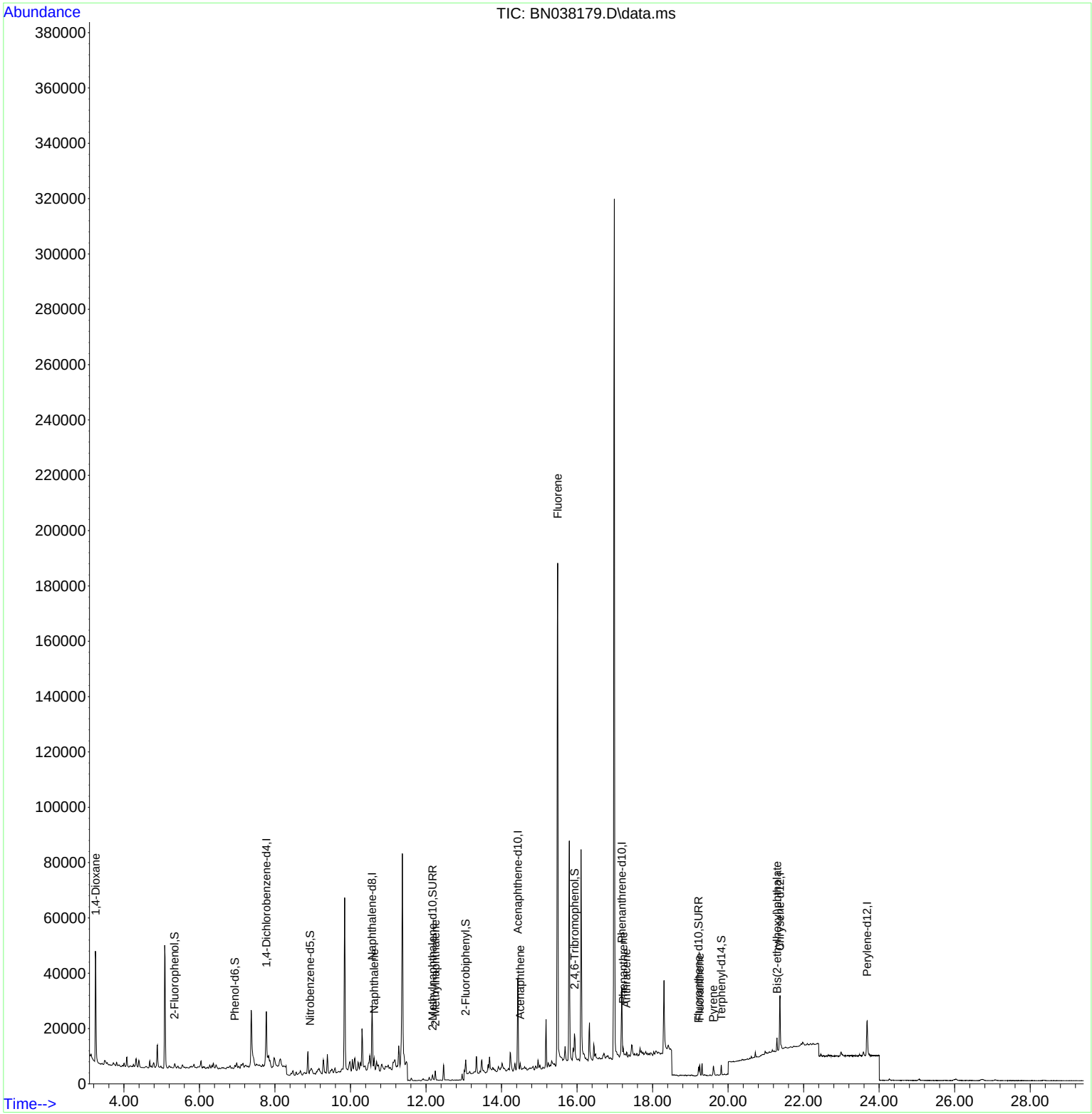
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	9073	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	30875	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19011	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	33058	0.400	ng		0.00
29) Chrysene-d12	21.375	240	19022	0.400	ng		0.00
35) Perylene-d12	23.683	264	17692	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	793	0.037	ng		0.00
5) Phenol-d6	6.937	99	548	0.021	ng		0.00
8) Nitrobenzene-d5	8.929	82	1297	0.052	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	2386	0.054	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	560	0.071	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	4415	0.058	ng		0.00
27) Fluoranthene-d10	19.220	212	3544	0.043	ng		0.00
31) Terphenyl-d14	19.819	244	3364	0.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	25832	2.756	ng		99
9) Naphthalene	10.626	128	5169	0.061	ng	#	88
12) 2-Methylnaphthalene	12.248	142	2609	0.046	ng	#	92
17) Acenaphthene	14.494	154	1705	0.028	ng	#	83
18) Fluorene	15.489	166	3169	0.040	ng	#	1
25) Phenanthrene	17.223	178	2937	0.028	ng	#	78
26) Anthracene	17.310	178	2091	0.023	ng	#	91
28) Fluoranthene	19.248	202	3539	0.030	ng		96
30) Pyrene	19.610	202	3213	0.037	ng	#	84
34) Bis(2-ethylhexyl)phtha...	21.295	149	4657	0.130	ng	#	99

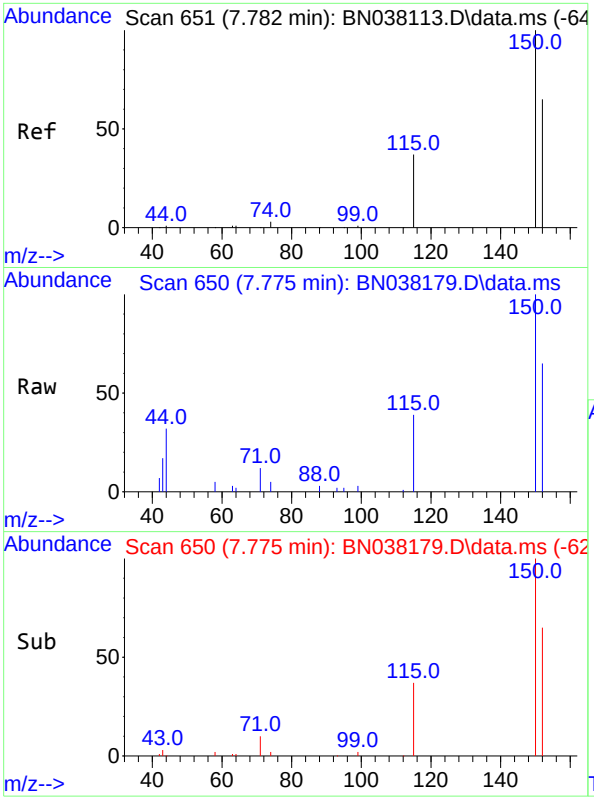
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038179.D
Acq On : 10 Nov 2025 13:16
Operator : RC/JU
Sample : Q3552-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Quant Time: Nov 10 15:03:02 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



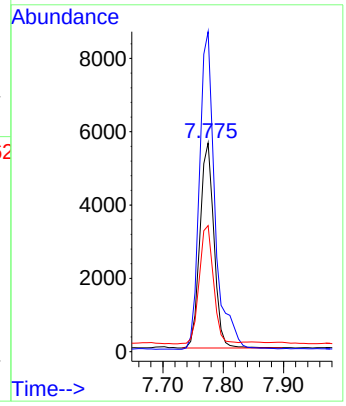


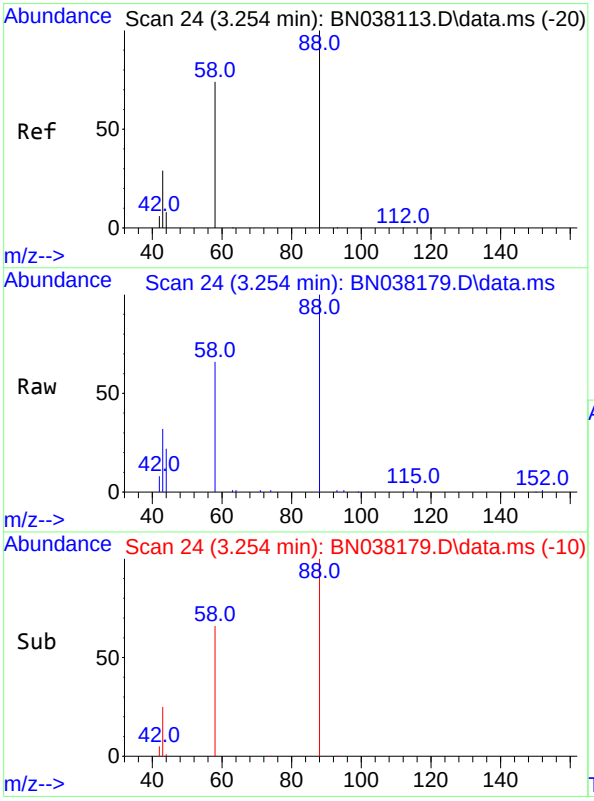
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:152 Resp: 9073

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.3	183.5
115	60.4	47.4	71.0

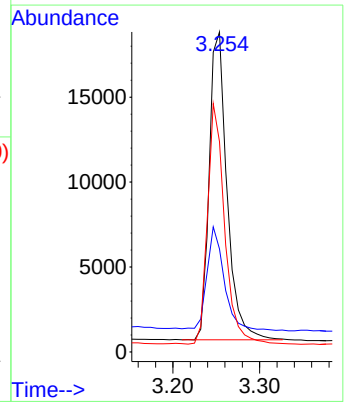


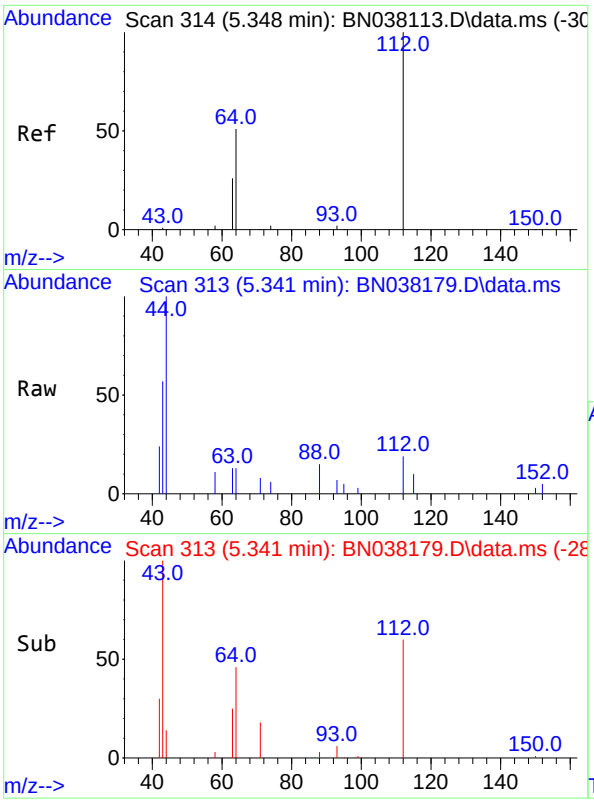


#2
1,4-Dioxane
Concen: 2.756 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 88 Resp: 25832

Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.3	36.5
58	75.3	60.4	90.6



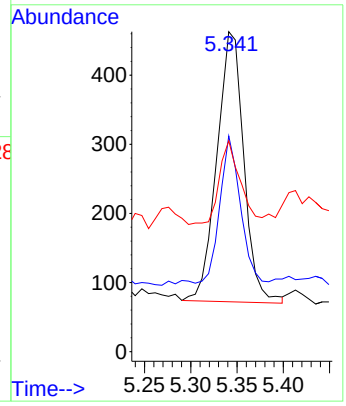


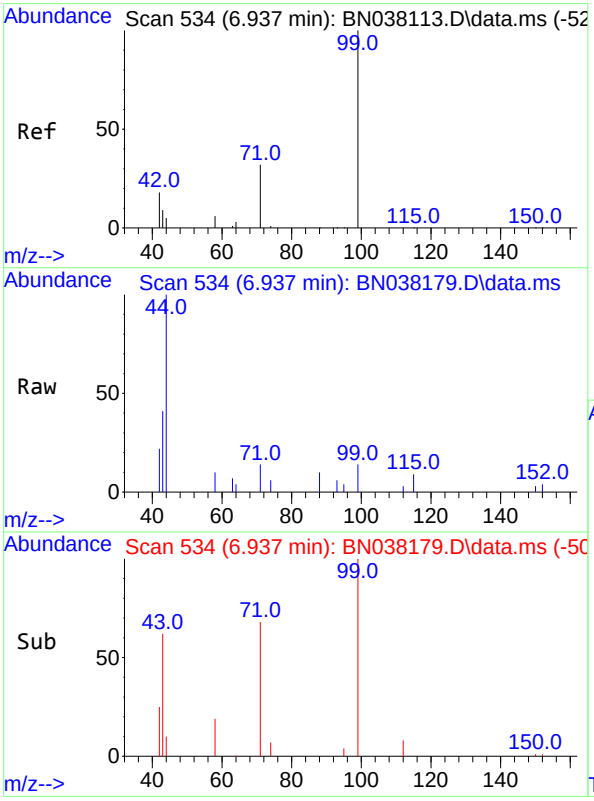
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.341 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:112 Resp: 793

Ion	Ratio	Lower	Upper
112	100		
64	43.3	45.4	68.0#
63	24.7	23.2	34.8

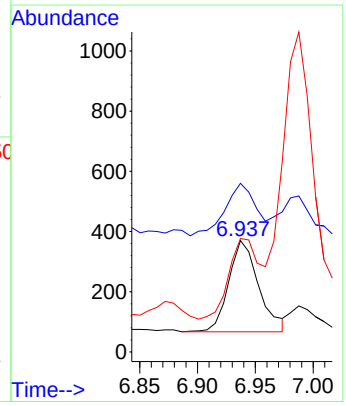


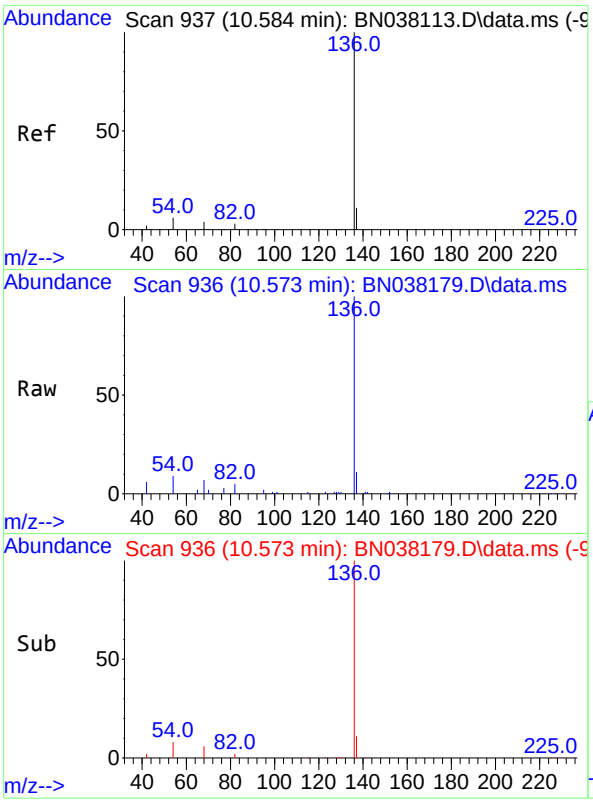


#5
Phenol-d6
Concen: 0.021 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 99 Resp: 548

Ion	Ratio	Lower	Upper
99	100		
42	60.4	16.6	24.8#
71	94.7	25.4	38.2#



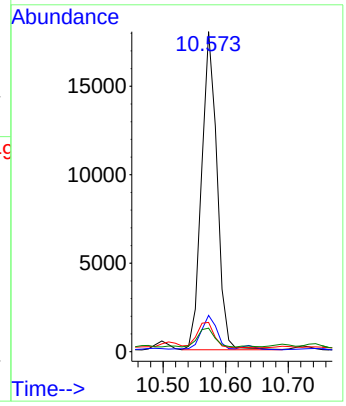


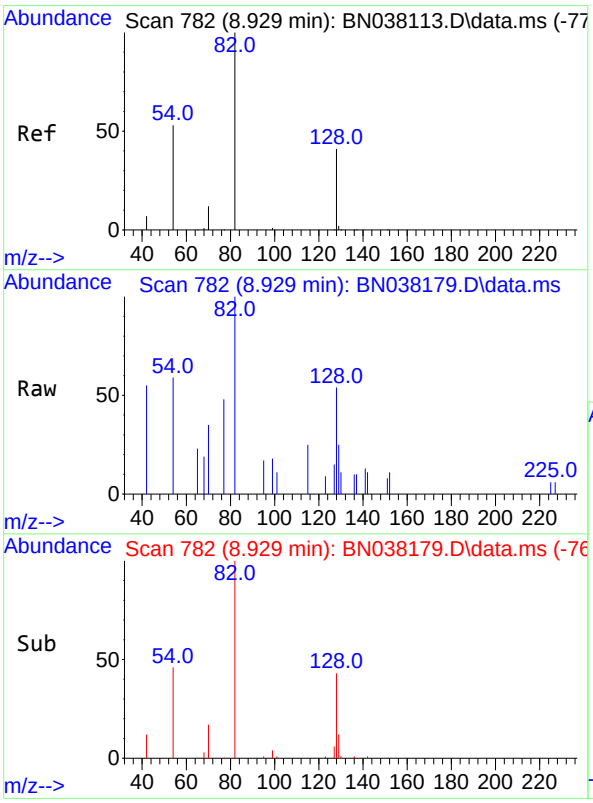
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:136 Resp: 30875

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.2	5.2	7.8#
68	7.3	4.1	6.1#

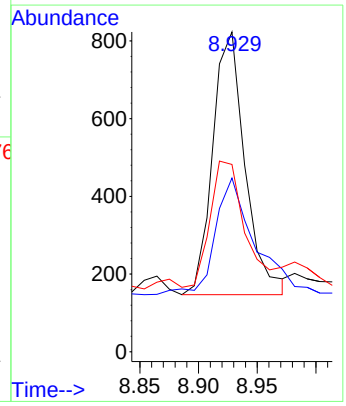


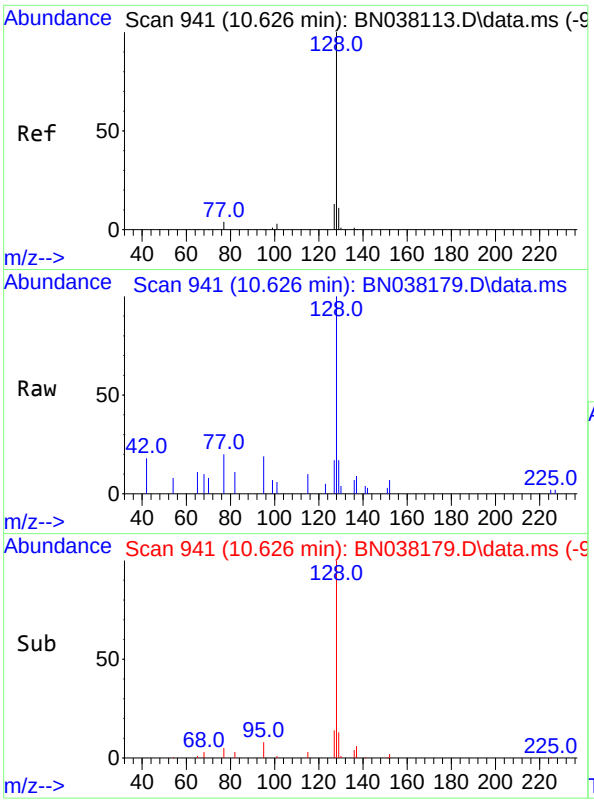


#8
Nitrobenzene-d5
Concen: 0.052 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion: 82 Resp: 1297

Ion	Ratio	Lower	Upper
82	100		
128	54.3	34.1	51.1#
54	58.6	43.5	65.3



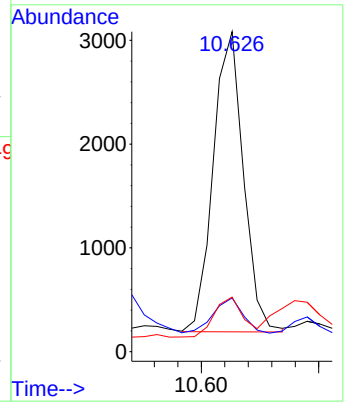


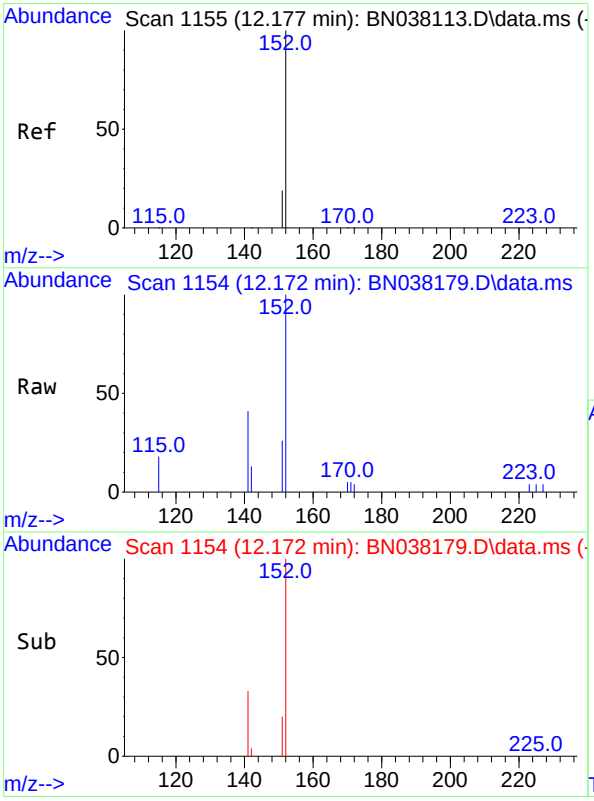
#9
Naphthalene
Concen: 0.061 ng
RT: 10.626 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:128 Resp: 5169

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.1	13.7#
127	17.1	10.5	15.7#

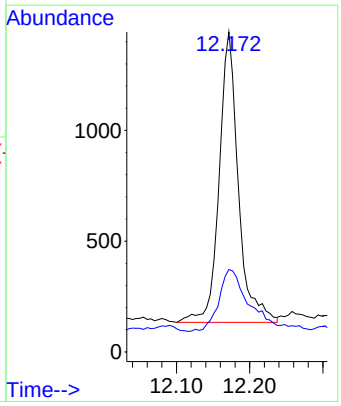


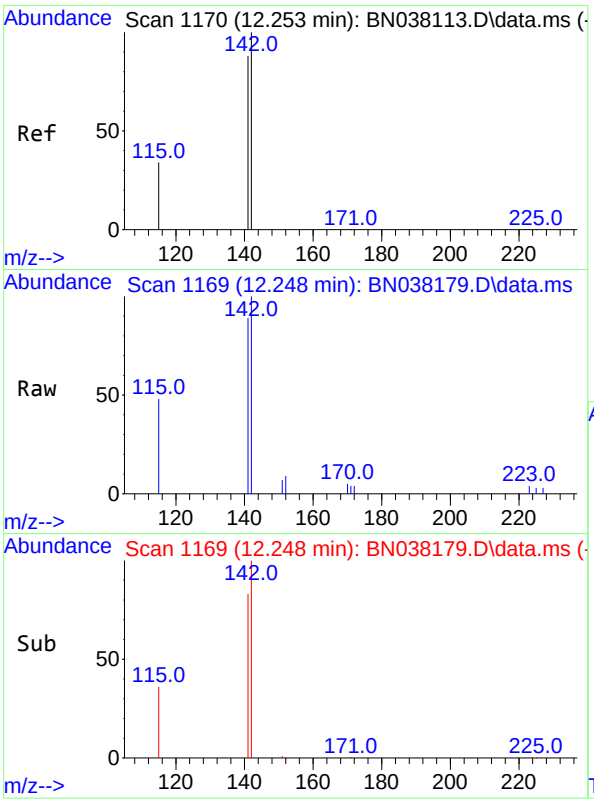


#11
2-Methylnaphthalene-d10
Concen: 0.054 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:152 Resp: 2386

Ion	Ratio	Lower	Upper
152	100		
151	35.4	16.8	25.2#



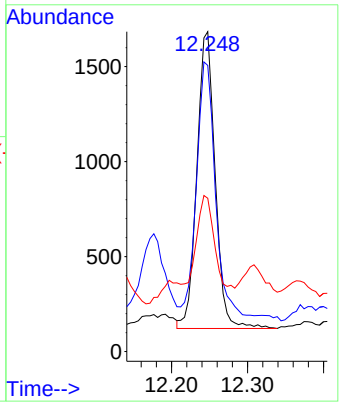


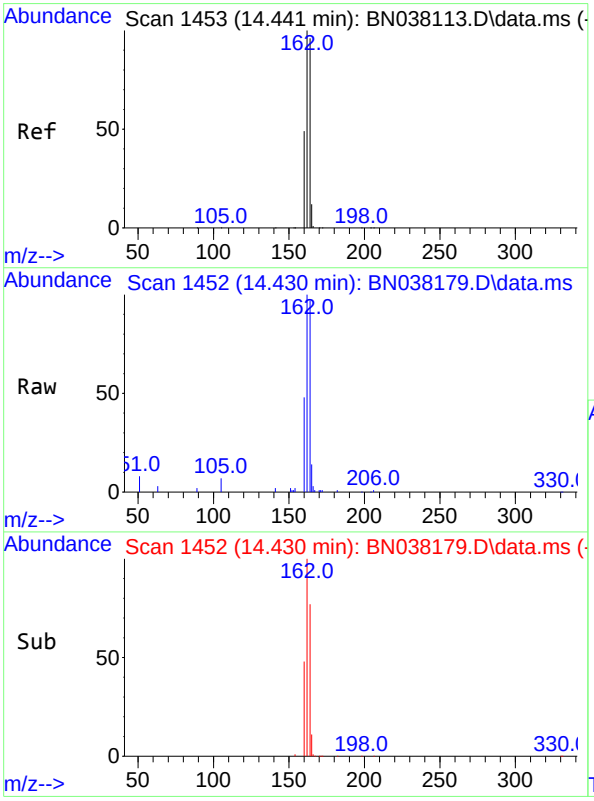
#12
2-Methylnaphthalene
Concen: 0.046 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:142 Resp: 2609

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	47.9	27.8	41.6#

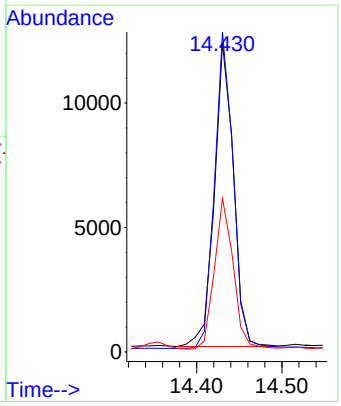


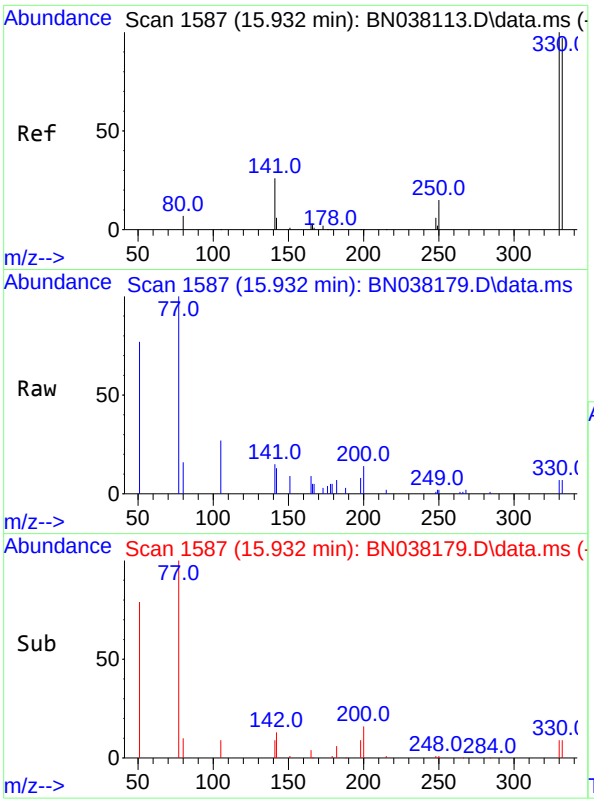


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:164 Resp: 19011

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.4
160	49.6	40.7	61.1



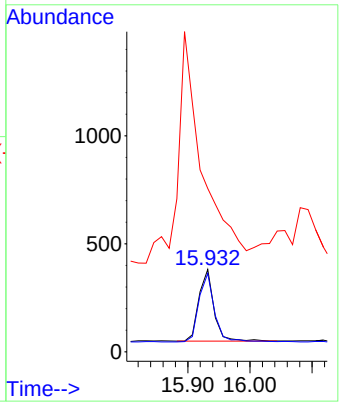


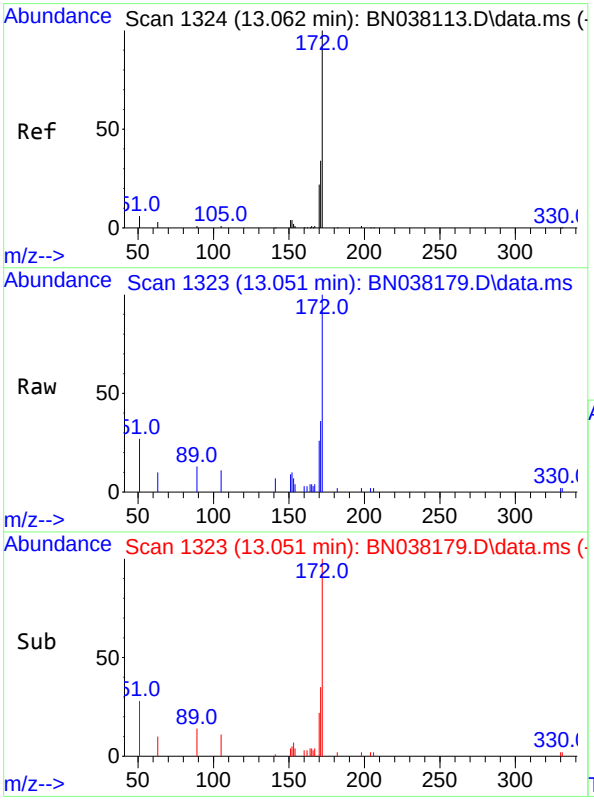
#14
2,4,6-Tribromophenol
Concen: 0.071 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	0.0	34.1	51.1#

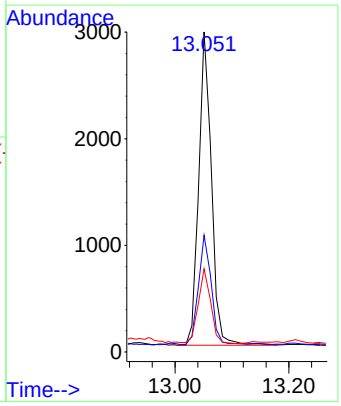


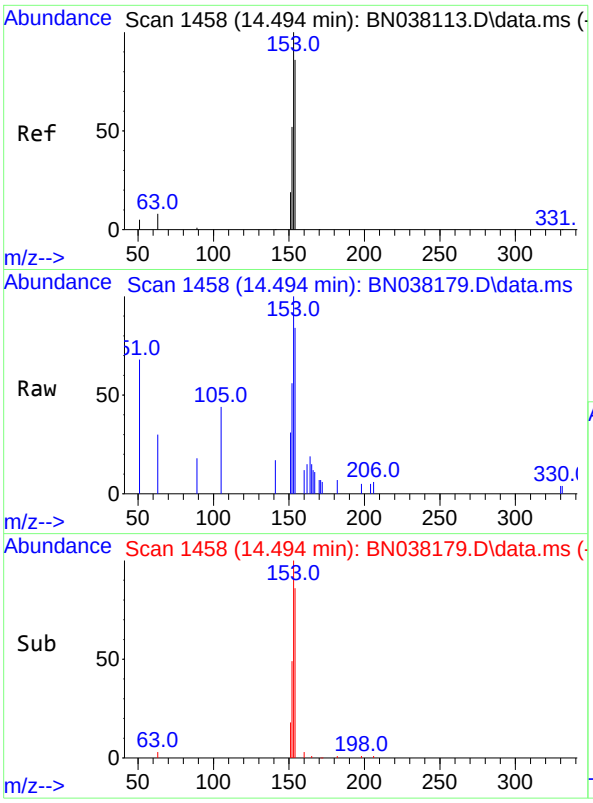


#15
2-Fluorobiphenyl
Concen: 0.058 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:172 Resp: 4415

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	26.0	18.1	27.1



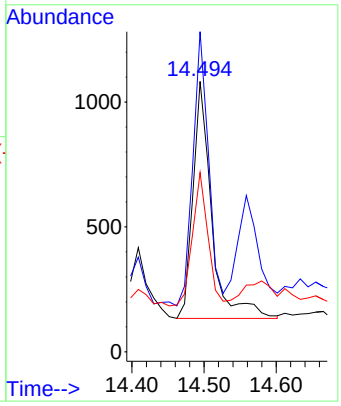


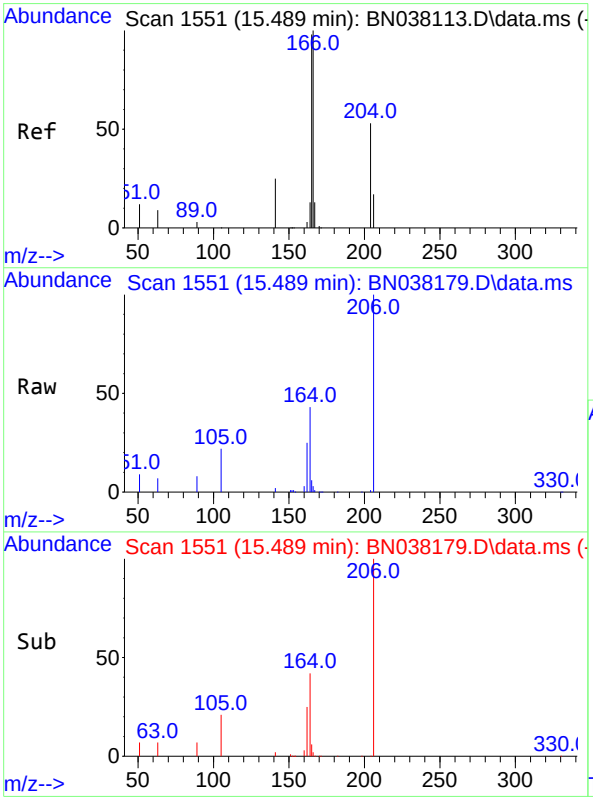
#17
Acenaphthene
Concen: 0.028 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:154 Resp: 1705

Ion	Ratio	Lower	Upper
154	100		
153	93.5	90.0	135.0
152	46.5	47.3	70.9#

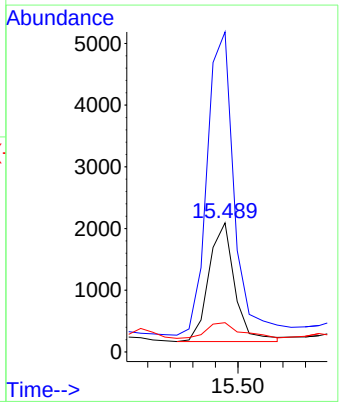


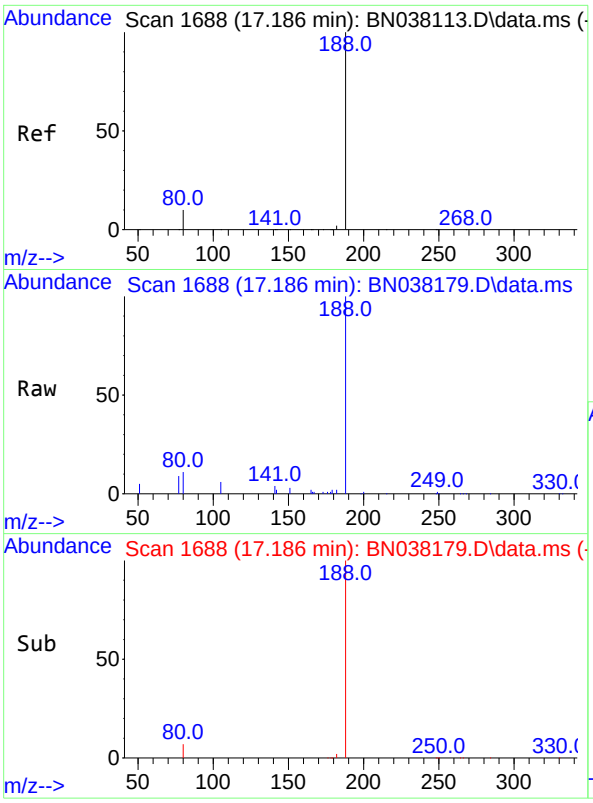


#18
Fluorene
Concen: 0.040 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:166 Resp: 3169

Ion	Ratio	Lower	Upper
166	100		
165	269.1	79.0	118.4#
167	17.3	10.7	16.1#



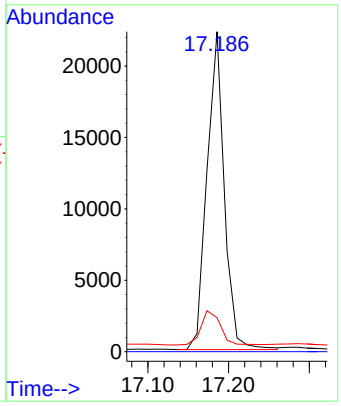


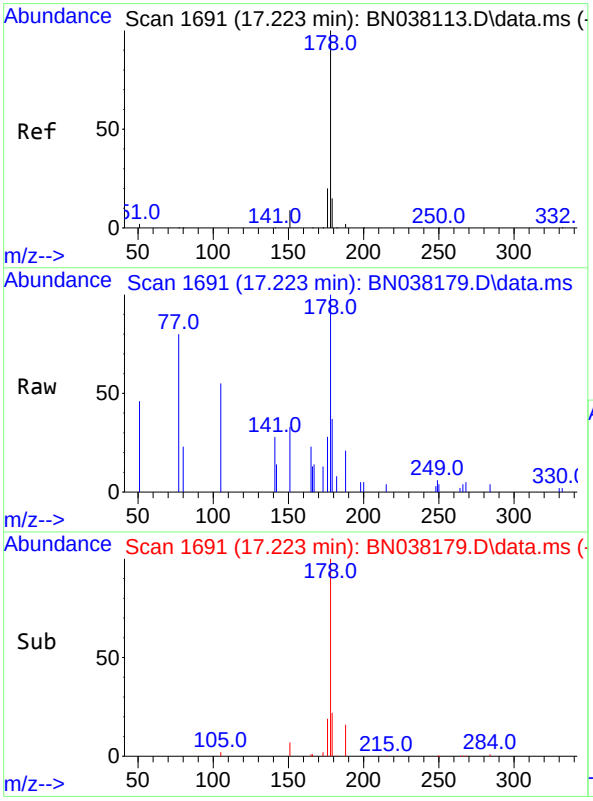
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:188 Resp: 33058

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.6	13.0

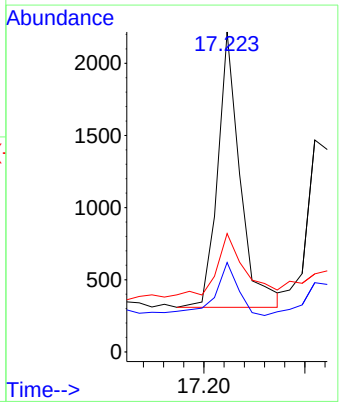




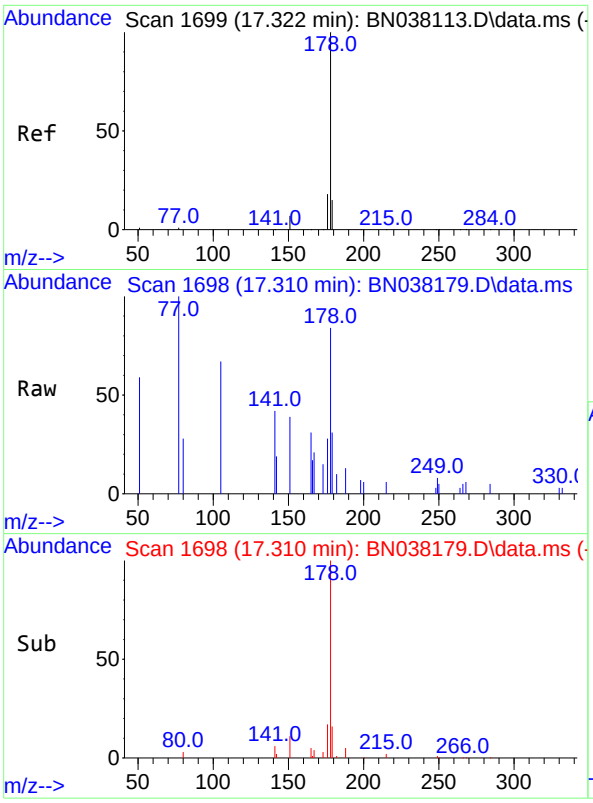
#25
Phenanthrene
Concen: 0.028 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:178 Resp: 2937

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	35.5	12.2	18.4#



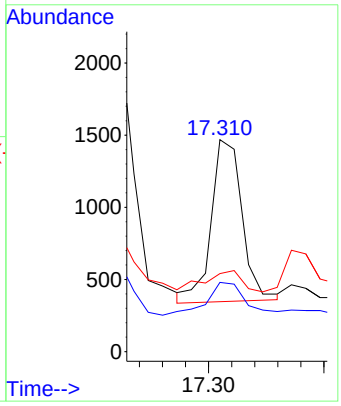
Instrument :
BNA_N
ClientSampleId :
MW-9DL

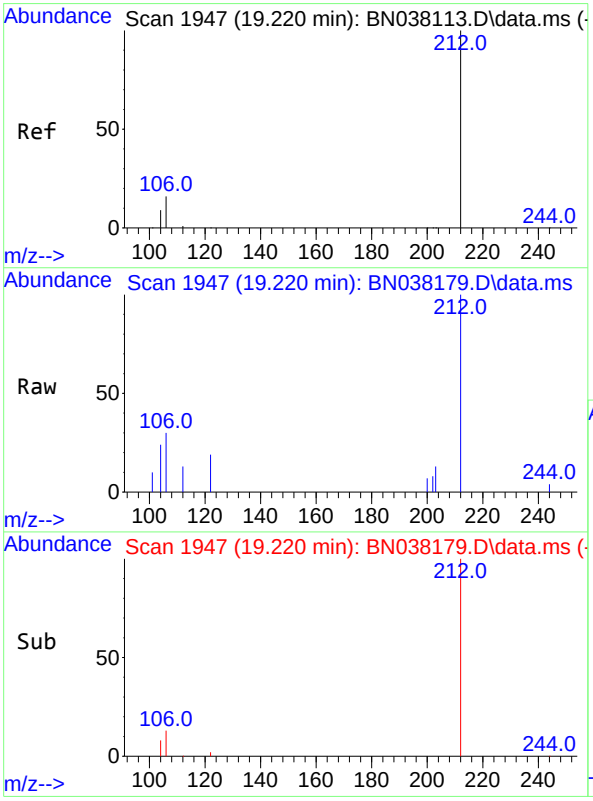


#26
Anthracene
Concen: 0.023 ng
RT: 17.310 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:178 Resp: 2091

Ion	Ratio	Lower	Upper
178	100		
176	25.4	14.9	22.3#
179	15.4	11.8	17.8

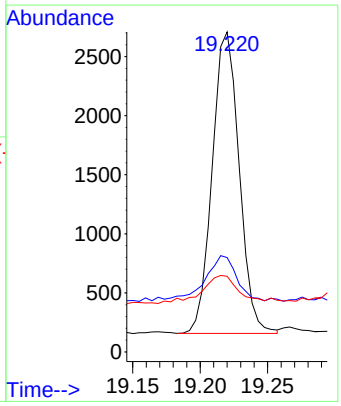


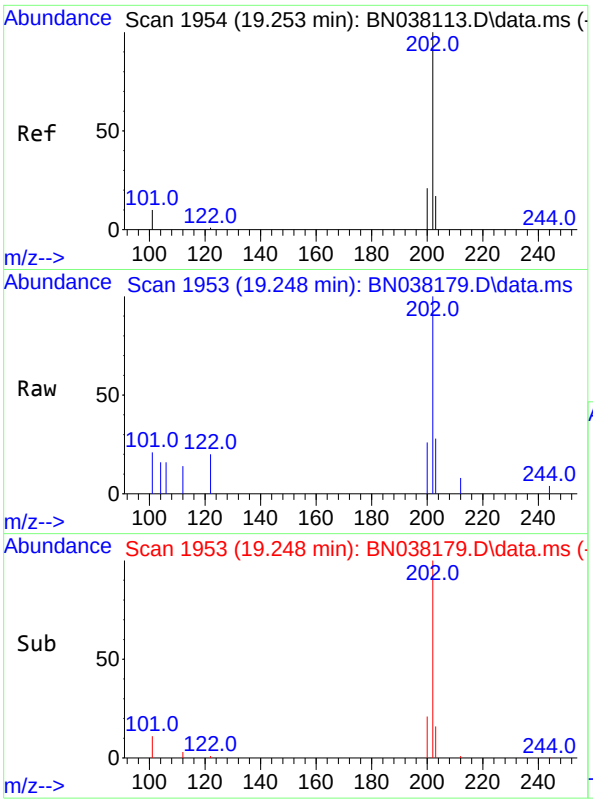


#27
Fluoranthene-d10
Concen: 0.043 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:212 Resp: 3544

Ion	Ratio	Lower	Upper
212	100		
106	18.6	12.6	19.0
104	12.4	7.1	10.7#



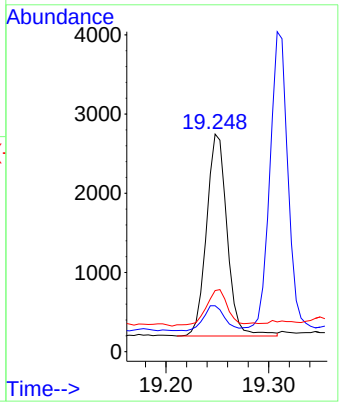


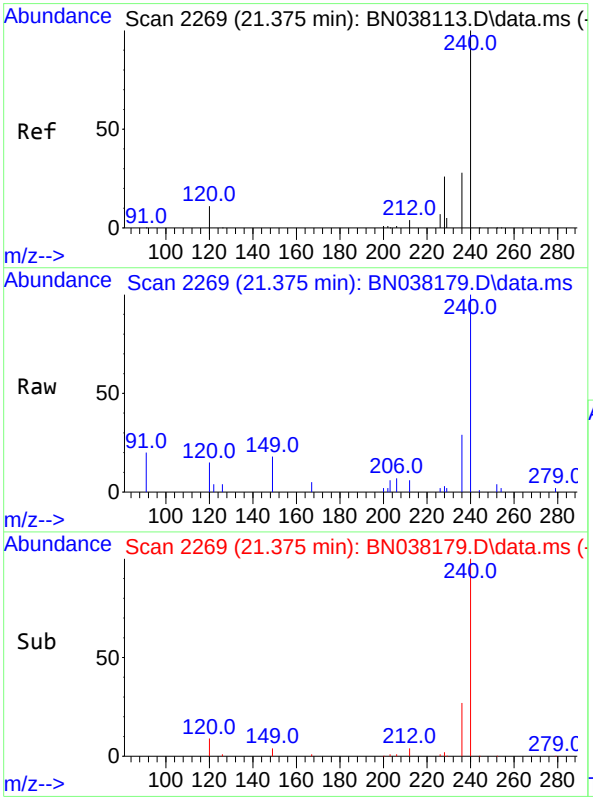
#28
Fluoranthene
Concen: 0.030 ng
RT: 19.248 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:202 Resp: 3539

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.2
203	19.0	13.4	20.2

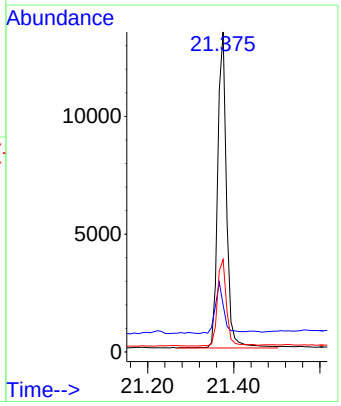


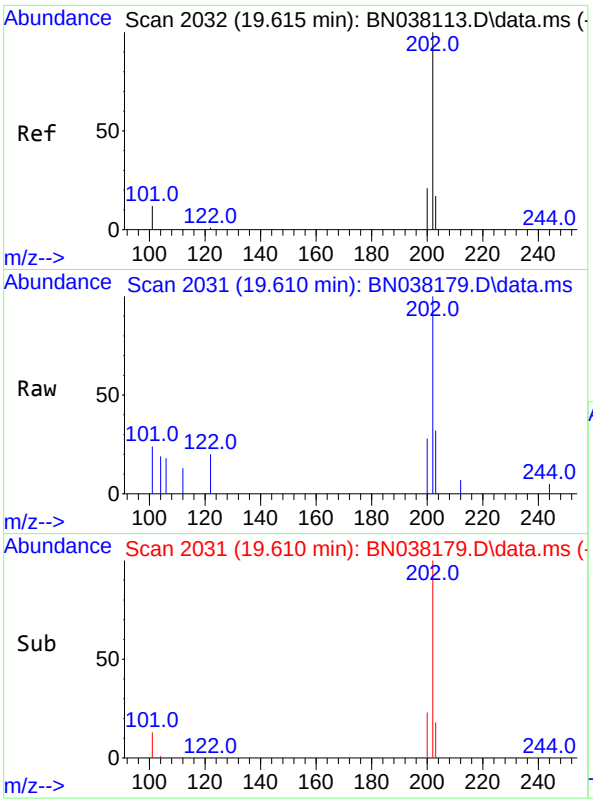


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:240 Resp: 19022

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.7	16.1
236	28.9	23.1	34.7



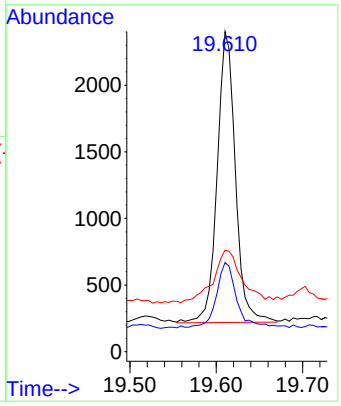


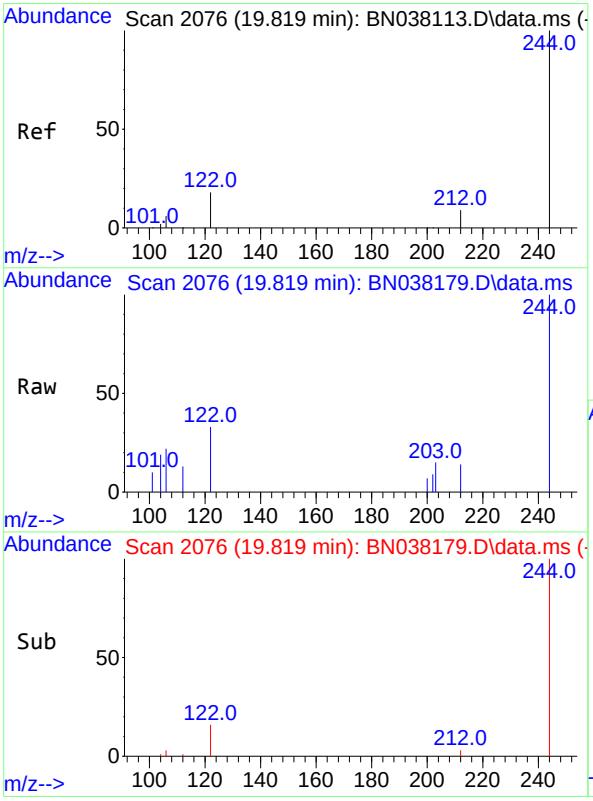
#30
Pyrene
Concen: 0.037 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:202 Resp: 3213

Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.7	25.1
203	28.9	14.2	21.2#

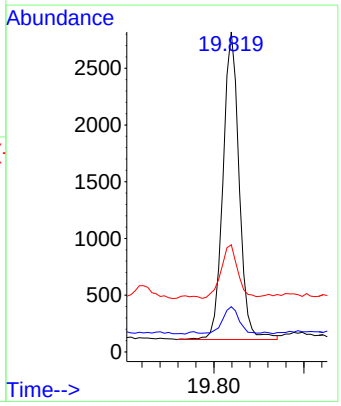


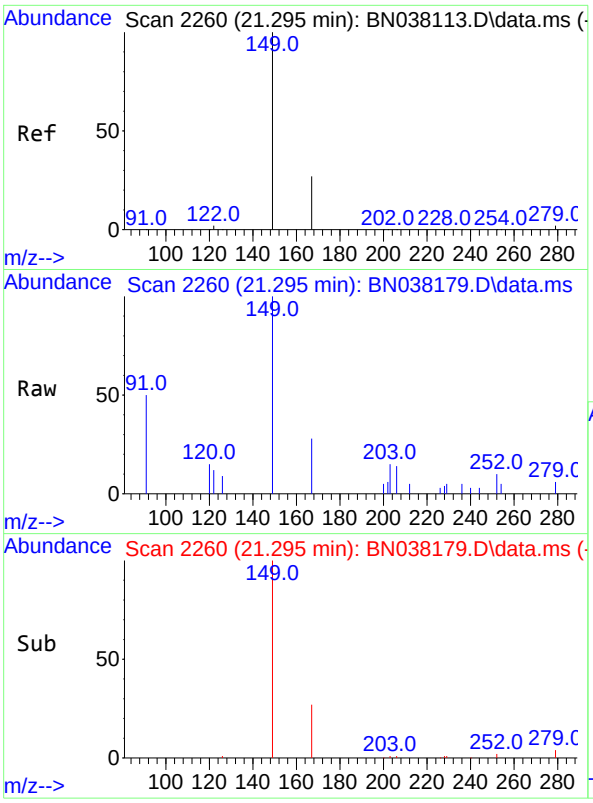


#31
Terphenyl-d14
Concen: 0.081 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:244 Resp: 3364

Ion	Ratio	Lower	Upper
244	100		
212	14.1	7.8	11.6#
122	33.5	15.2	22.8#



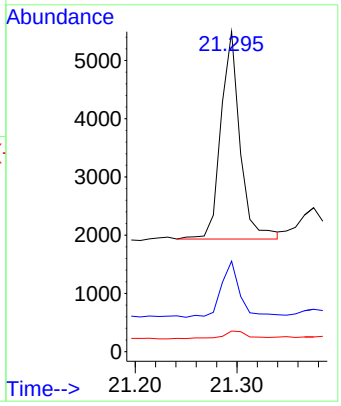


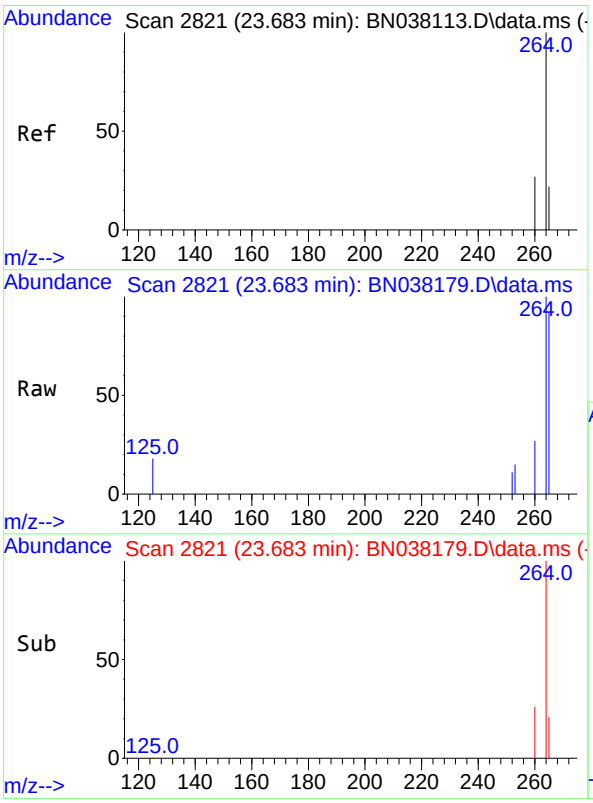
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Instrument :
BNA_N
ClientSampleId :
MW-9DL

Tgt Ion:149 Resp: 4657

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.1	31.7
279	4.7	2.9	4.3#

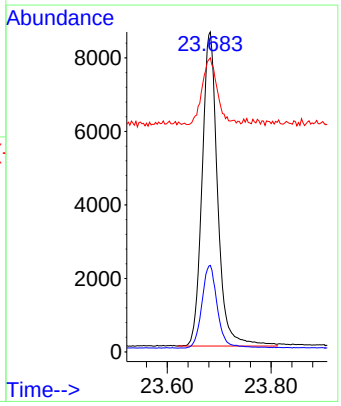




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038179.D
Acq: 10 Nov 2025 13:16

Tgt Ion:264 Resp: 17692

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	91.9	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038160.D
Acq On : 07 Nov 2025 18:34
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-10

Quant Time: Nov 08 03:05:23 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

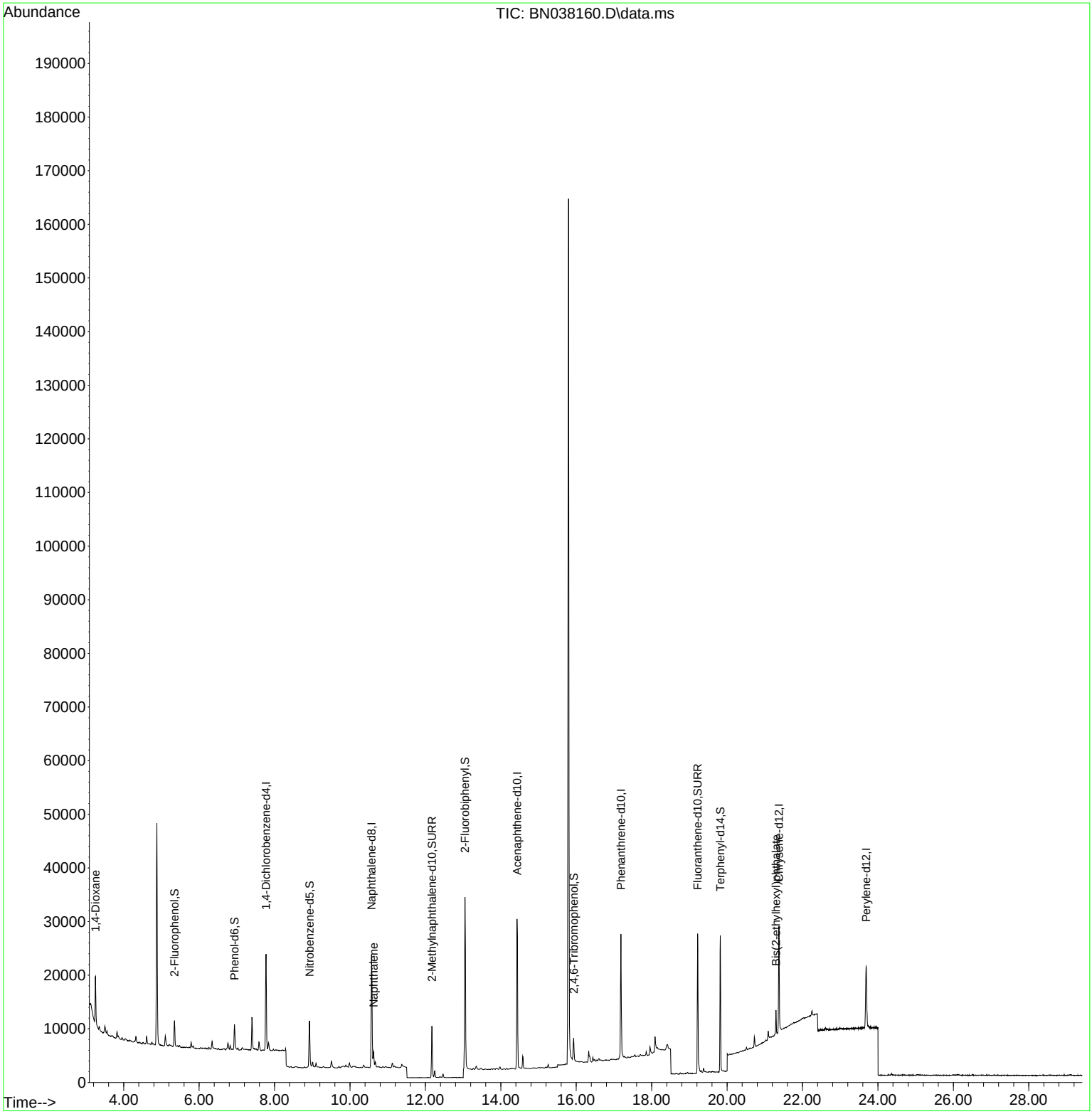
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8828	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28618	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	17122	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	31605	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18345	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	16948	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3914	0.188	ng	0.00
5) Phenol-d6	6.937	99	4074	0.161	ng	0.00
8) Nitrobenzene-d5	8.929	82	7573	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13558	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2705	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	26245	0.383	ng	0.00
27) Fluoranthene-d10	19.220	212	28699	0.360	ng	0.00
31) Terphenyl-d14	19.819	244	24820	0.623	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	5933	0.650	ng	# 93
9) Naphthalene	10.626	128	3779	0.048	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.295	149	4647	0.135	ng	100

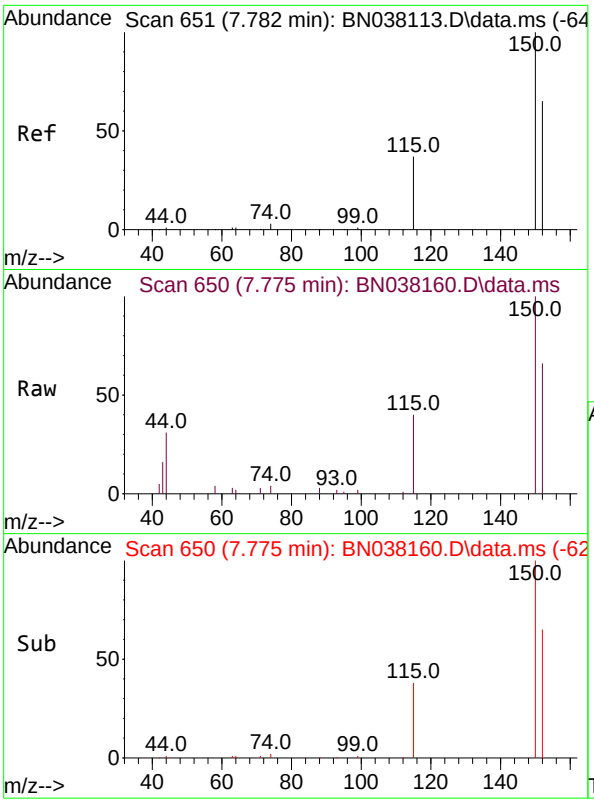
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038160.D
Acq On : 07 Nov 2025 18:34
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-10

Quant Time: Nov 08 03:05:23 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



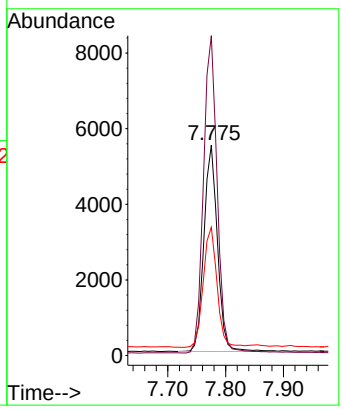


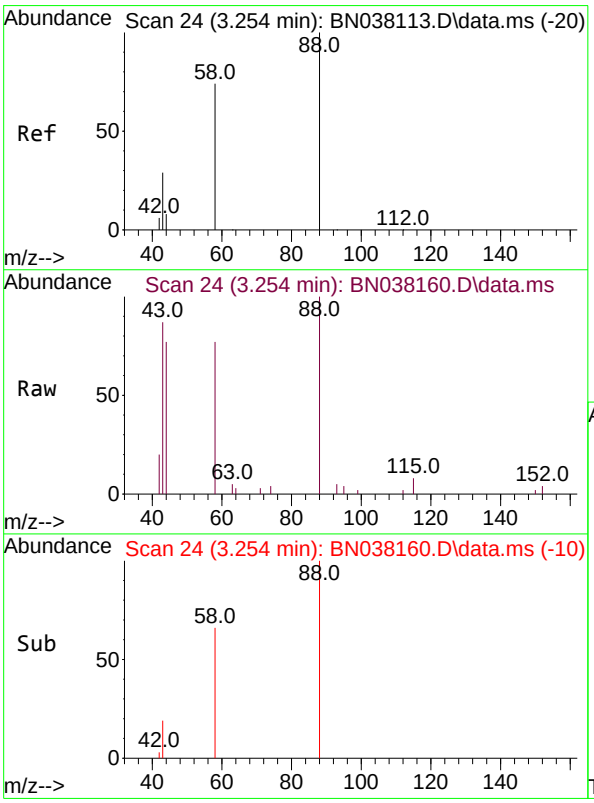
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 8828

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.3	183.5
115	61.0	47.4	71.0

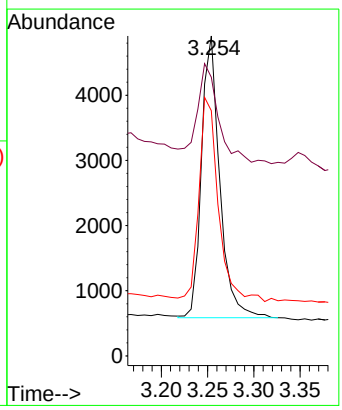


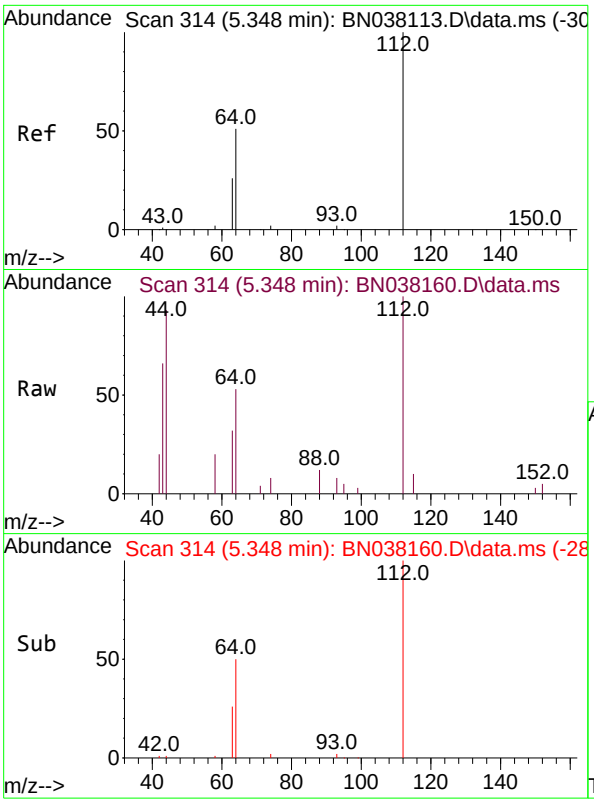


#2
1,4-Dioxane
Concen: 0.650 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion: 88 Resp: 5933

Ion	Ratio	Lower	Upper
88	100		
43	42.9	24.3	36.5#
58	76.0	60.4	90.6



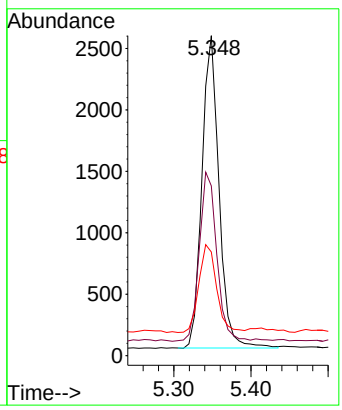


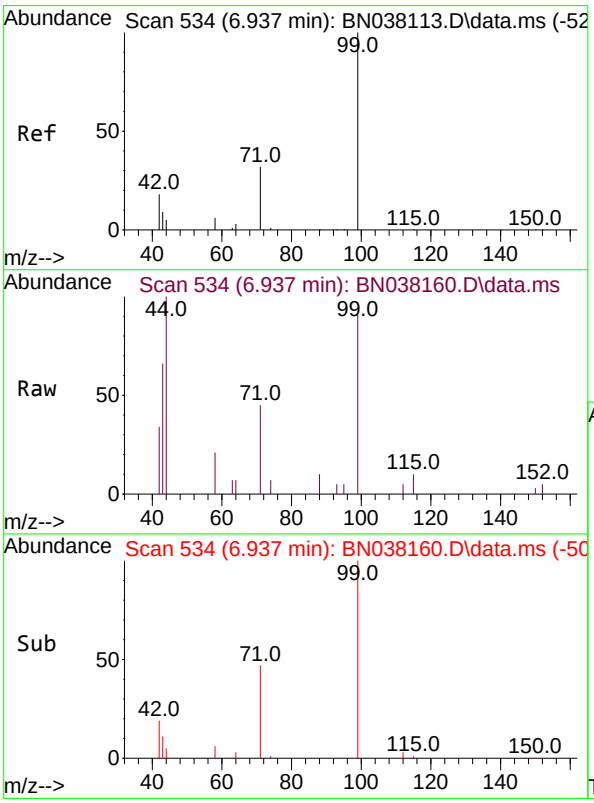
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:112 Resp: 3914

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.4	68.0
63	29.3	23.2	34.8

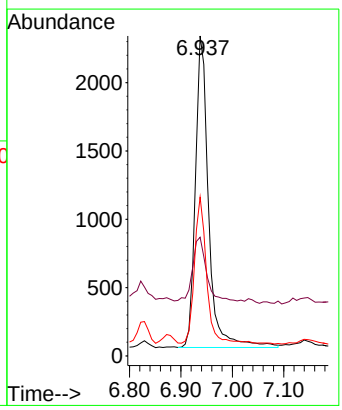


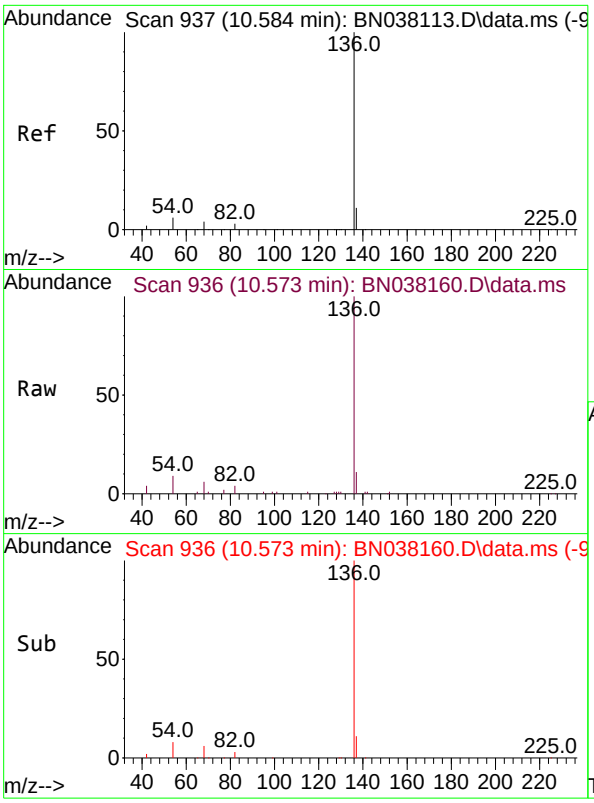


#5
Phenol-d6
Concen: 0.161 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion: 99 Resp: 4074

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.6	24.8
71	42.5	25.4	38.2#



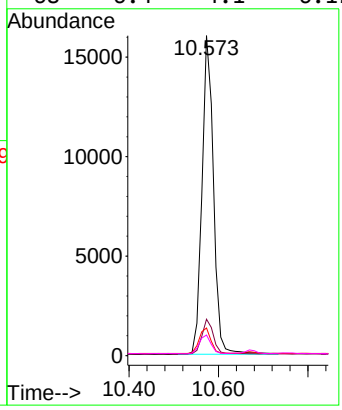


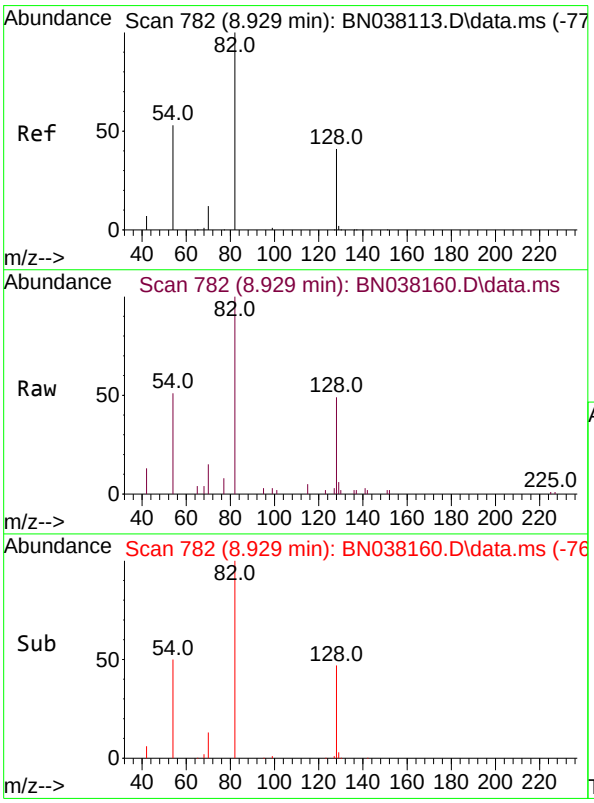
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:136 Resp: 28618

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.6	5.2	7.8#
68	6.4	4.1	6.1#

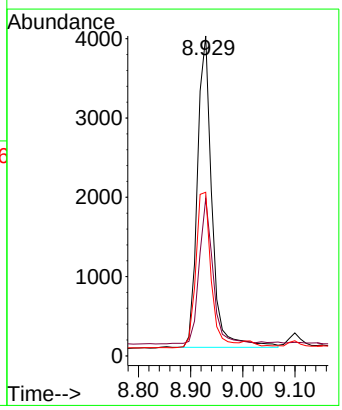


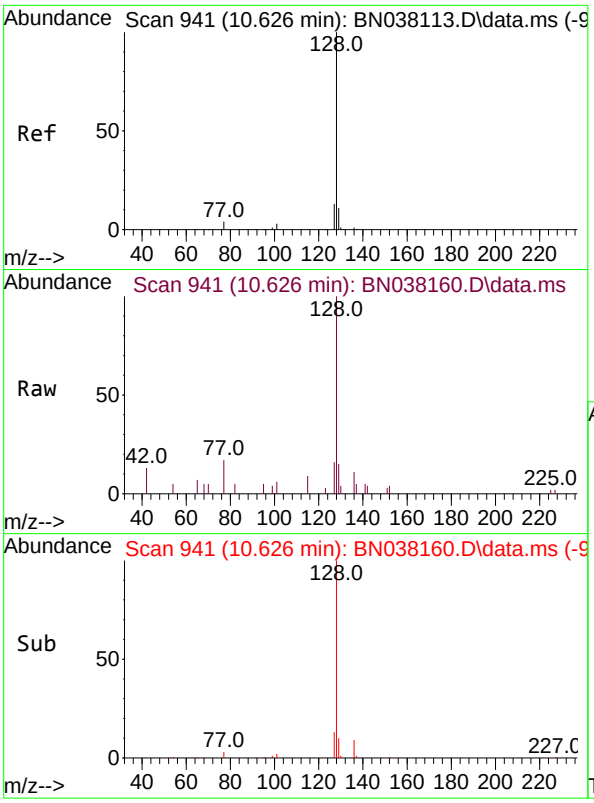


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion: 82 Resp: 7573

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.1	51.1
54	51.1	43.5	65.3



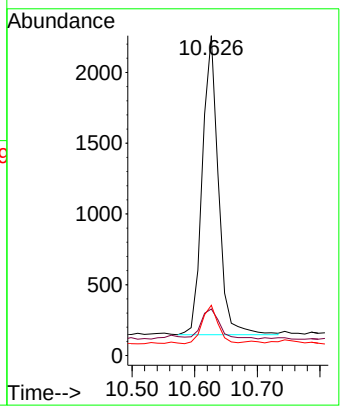


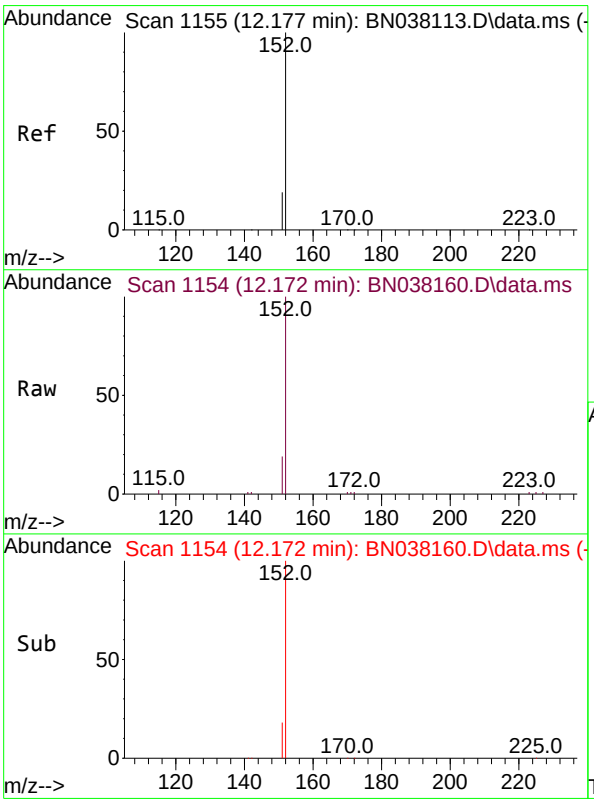
#9
Naphthalene
Concen: 0.048 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:128 Resp: 3779

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.1	13.7#
127	15.7	10.5	15.7

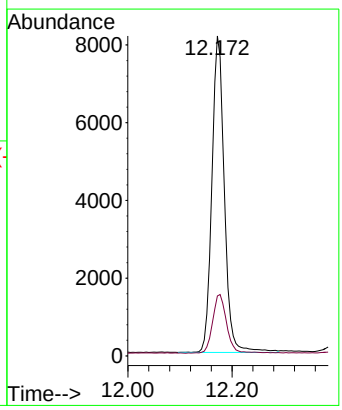


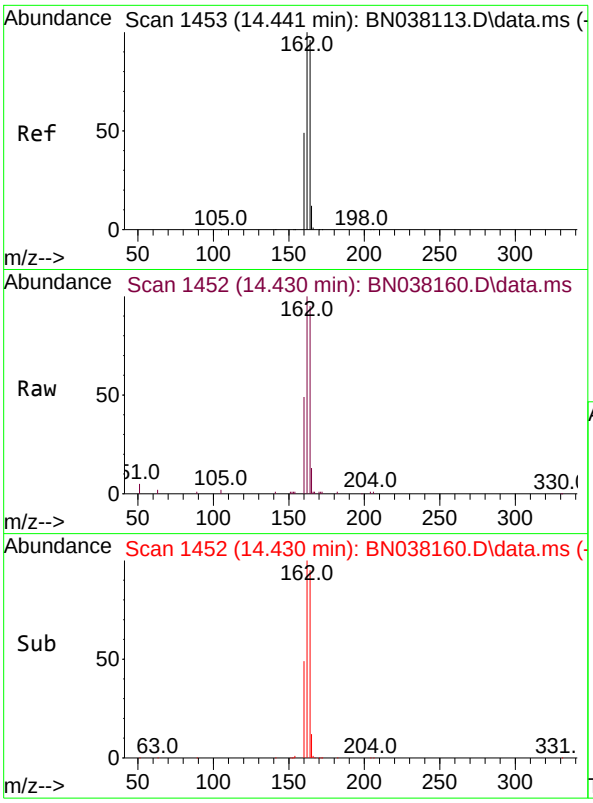


#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:152 Resp: 13558

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2



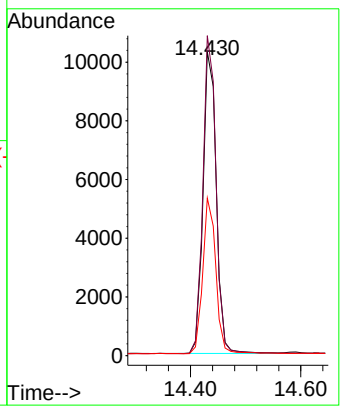


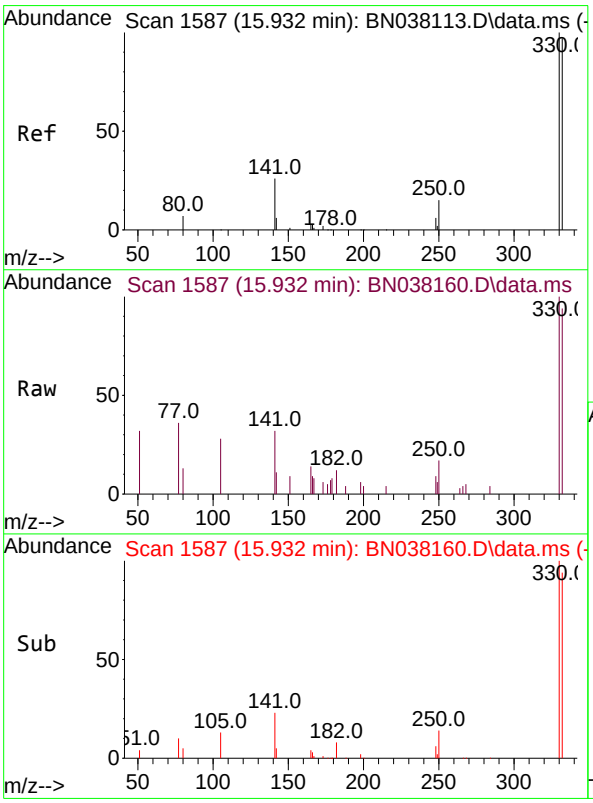
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:164 Resp: 17122

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.4
160	51.8	40.7	61.1

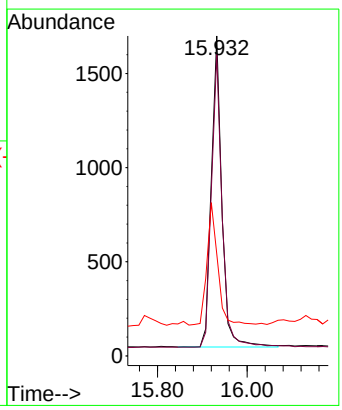


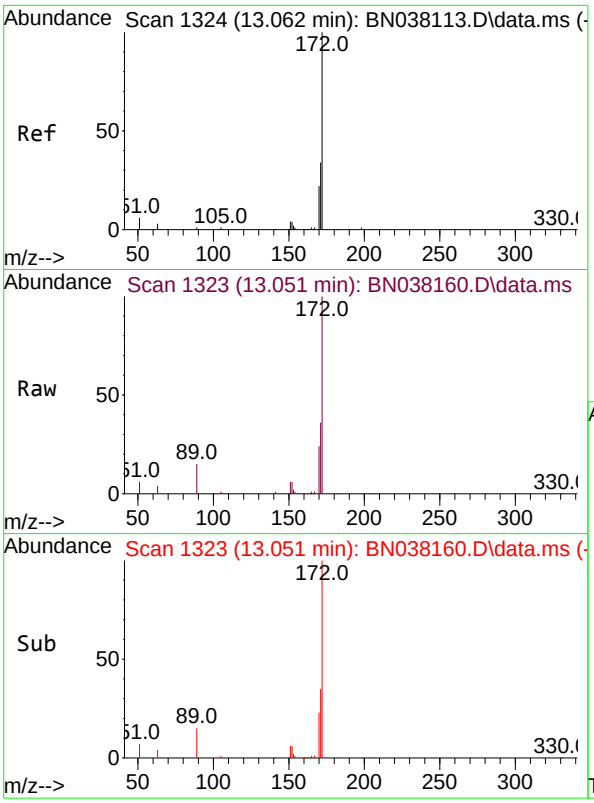


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:330 Resp: 2705

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	40.0	34.1	51.1



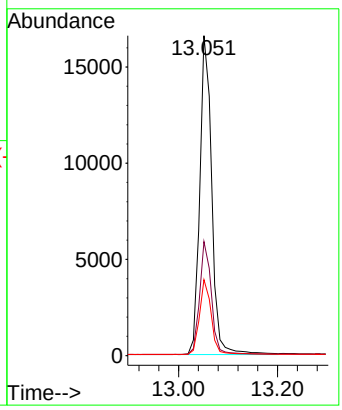


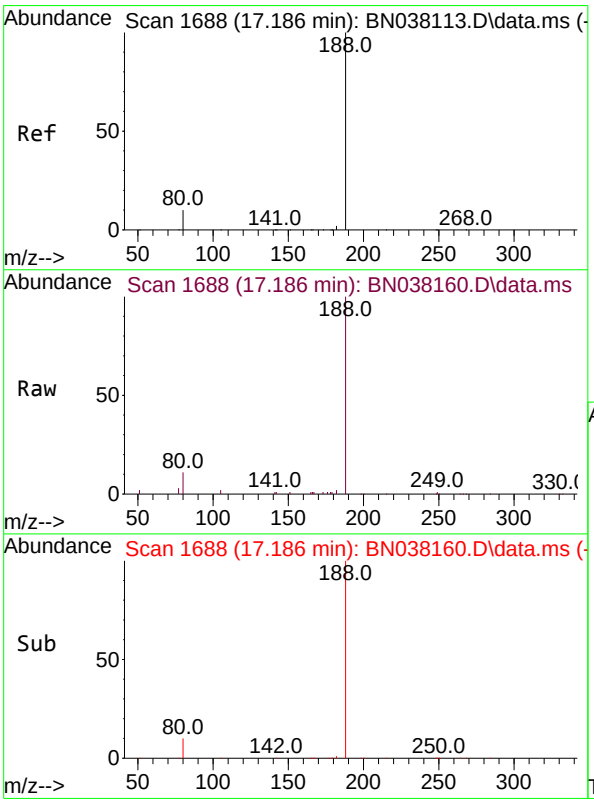
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:172 Resp: 26245

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.7	18.1	27.1

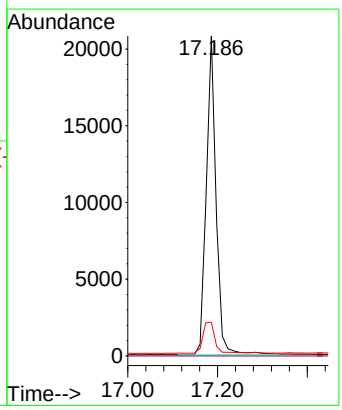


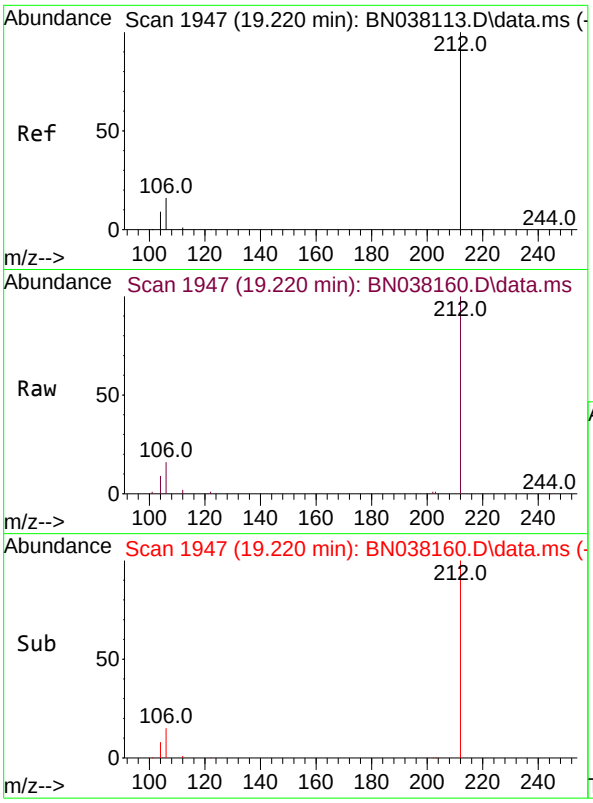


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:188 Resp: 31605

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.6	13.0



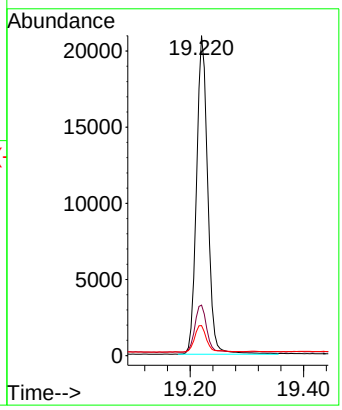


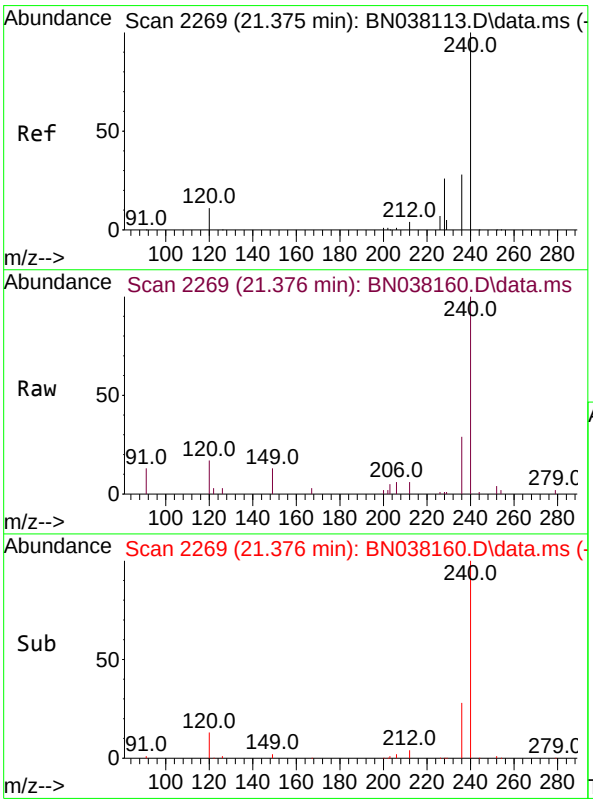
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.220 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:212 Resp: 28699

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	9.2	7.1	10.7

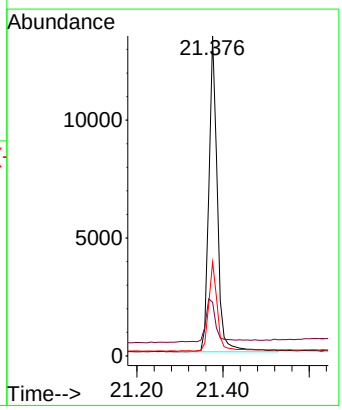


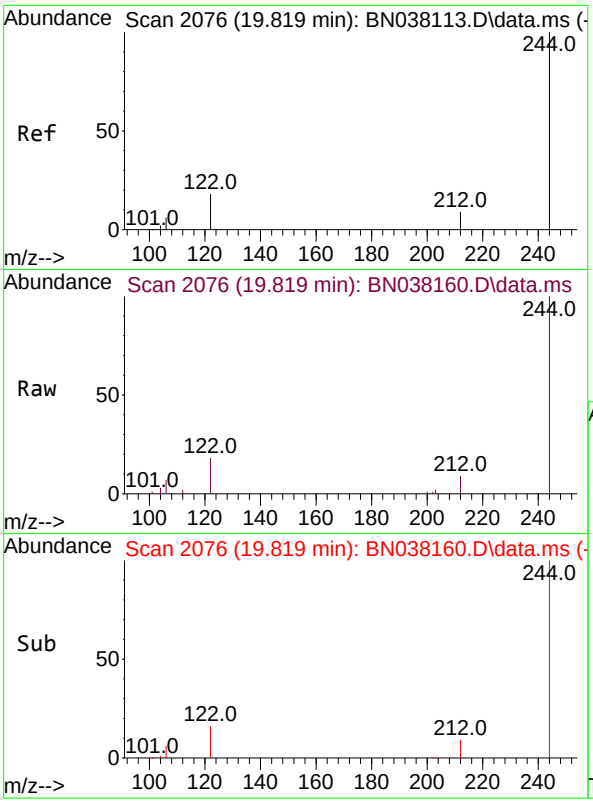


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:240 Resp: 18345

Ion	Ratio	Lower	Upper
240	100		
120	16.8	10.7	16.1#
236	29.3	23.1	34.7



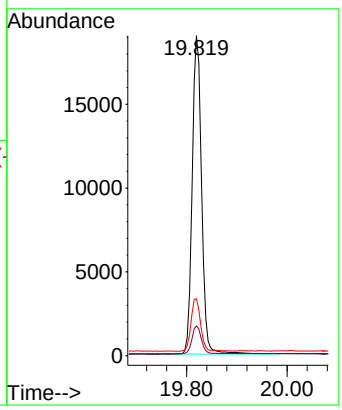


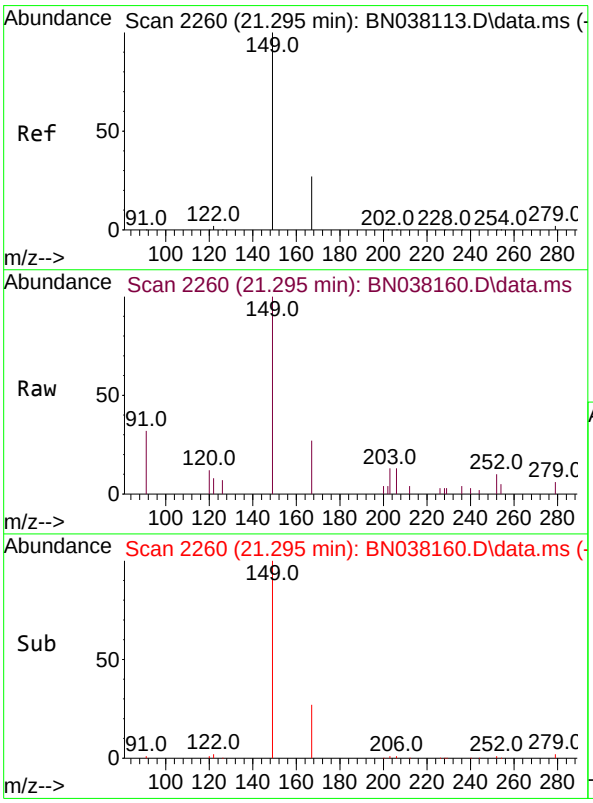
#31
Terphenyl-d14
Concen: 0.623 ng
RT: 19.819 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:244 Resp: 24820

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.8	15.2	22.8

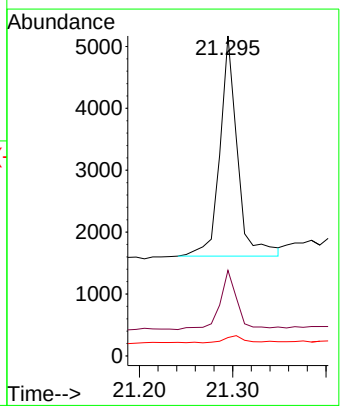


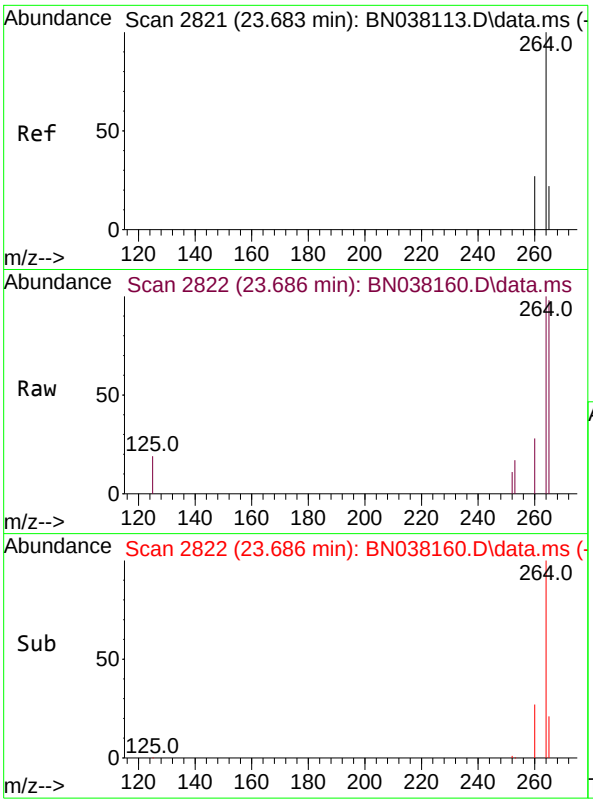


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Tgt Ion:149 Resp: 4647

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.1	31.7
279	3.6	2.9	4.3



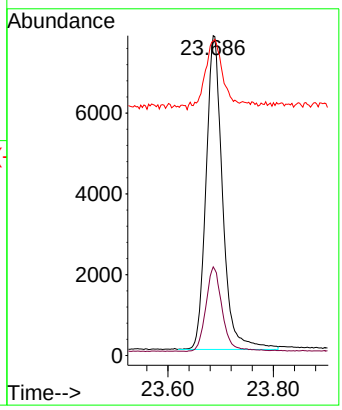


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN038160.D
Acq: 07 Nov 2025 18:34

Instrument :
BNA_N
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 16948

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.8	32.8
265	98.3	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038156.D
Acq On : 07 Nov 2025 16:10
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 07 17:16:07 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-3

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	10844	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	36387	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	31553	0.400	ng	#	0.00
19) Phenanthrene-d10	17.186	188	41176	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	24174	0.400	ng	#	0.00
35) Perylene-d12	23.689	264	21532	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	7616	0.298	ng		0.00
5) Phenol-d6	6.937	99	4714	0.152	ng		0.00
8) Nitrobenzene-d5	8.929	82	12578	0.428	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	22349	0.430	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	5171	0.398	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	35582	0.282	ng		0.00
27) Fluoranthene-d10	19.220	212	36874	0.355	ng		0.00
31) Terphenyl-d14	19.819	244	28579	0.544	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	142637	12.730	ng		98
9) Naphthalene	10.626	128	10316	0.103	ng	#	77
12) 2-Methylnaphthalene	12.248	142	20729	0.310	ng	#	92
17) Acenaphthene	14.494	154	20901	0.209	ng		97
18) Fluorene	15.489	166	13238	0.101	ng	#	87
20) 4,6-Dinitro-2-methylph...	15.489	198	632	0.264	ng	#	1
25) Phenanthrene	17.223	178	3795m	0.029	ng		
26) Anthracene	17.322	178	11096	0.097	ng	#	84
32) Benzo(a)anthracene	21.357	228	5019	0.058	ng	#	50
34) Bis(2-ethylhexyl)phtha...	21.295	149	18095	0.398	ng		97

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

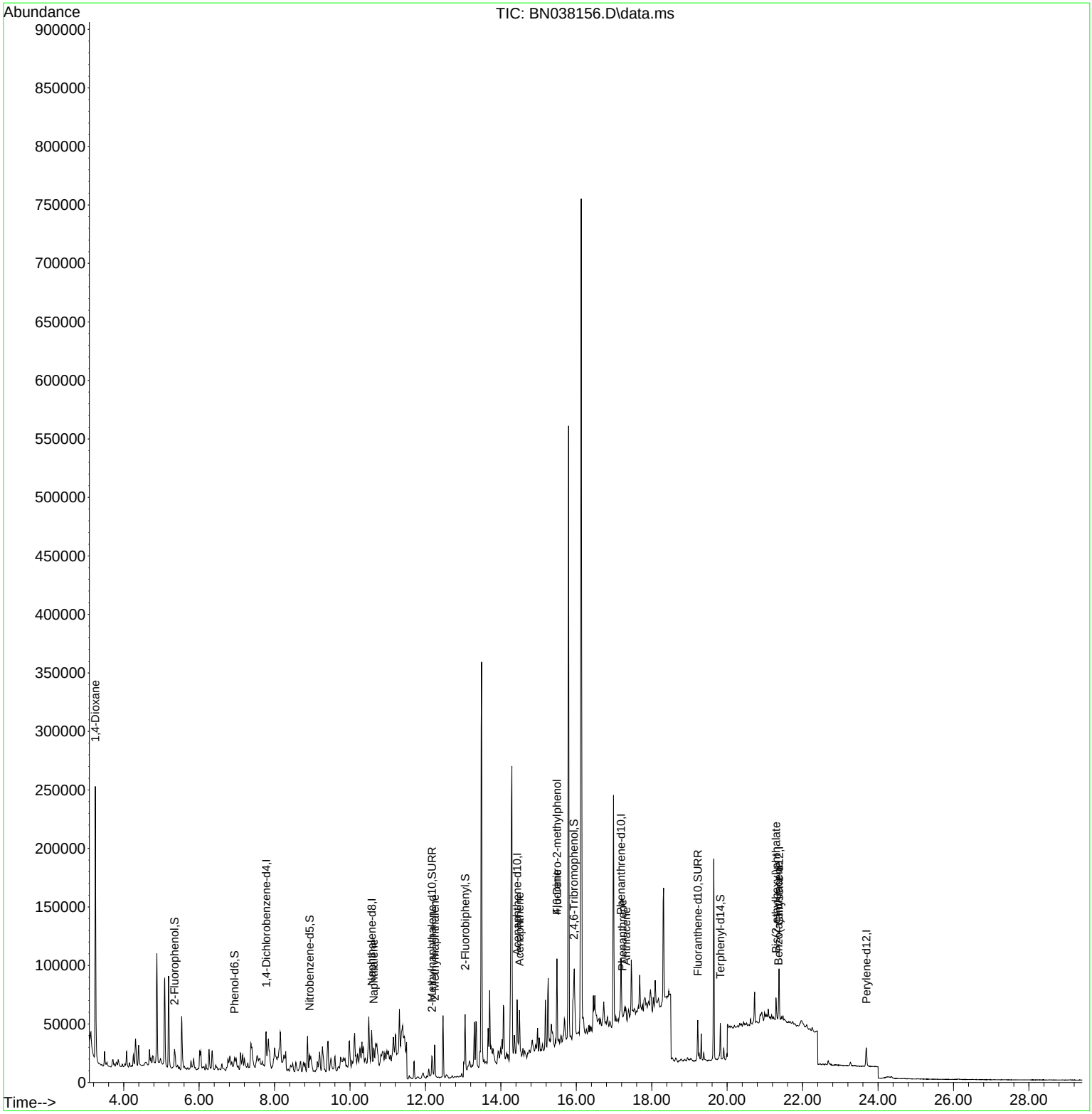
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038156.D
Acq On : 07 Nov 2025 16:10
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

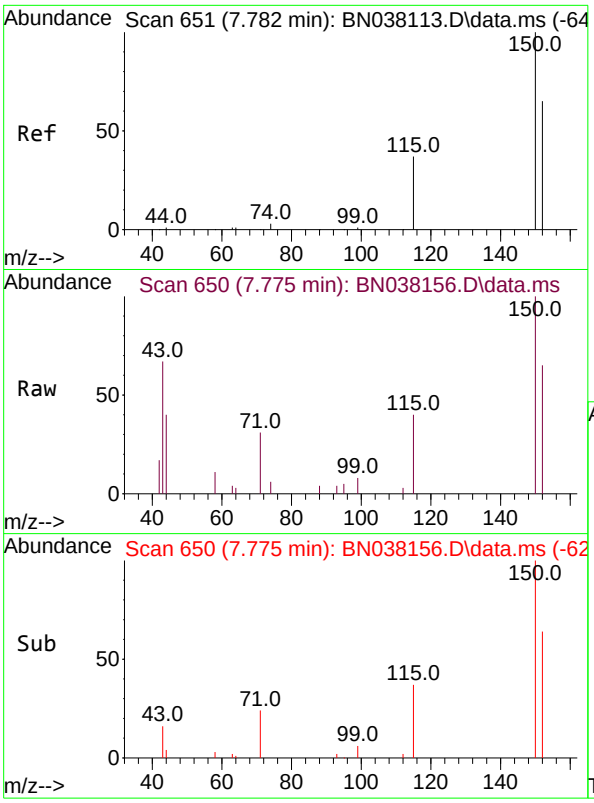
Quant Time: Nov 07 17:16:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

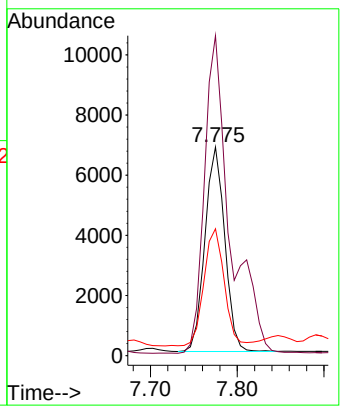




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:152 Resp: 1084

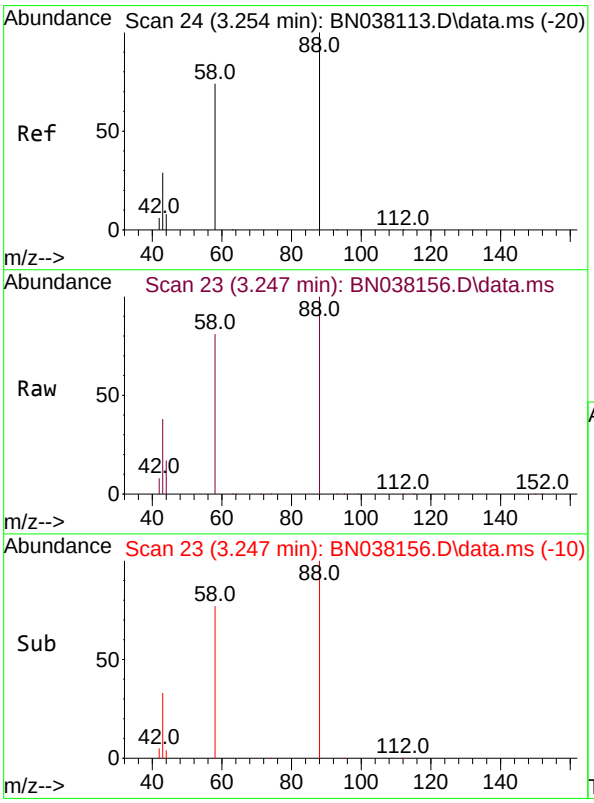
Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.3	183.5
115	60.8	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

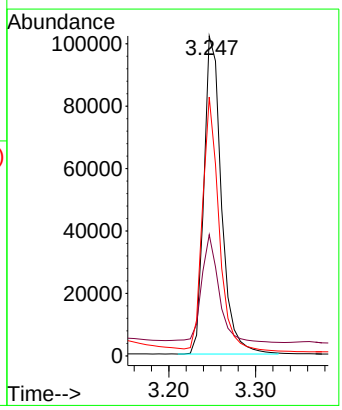
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

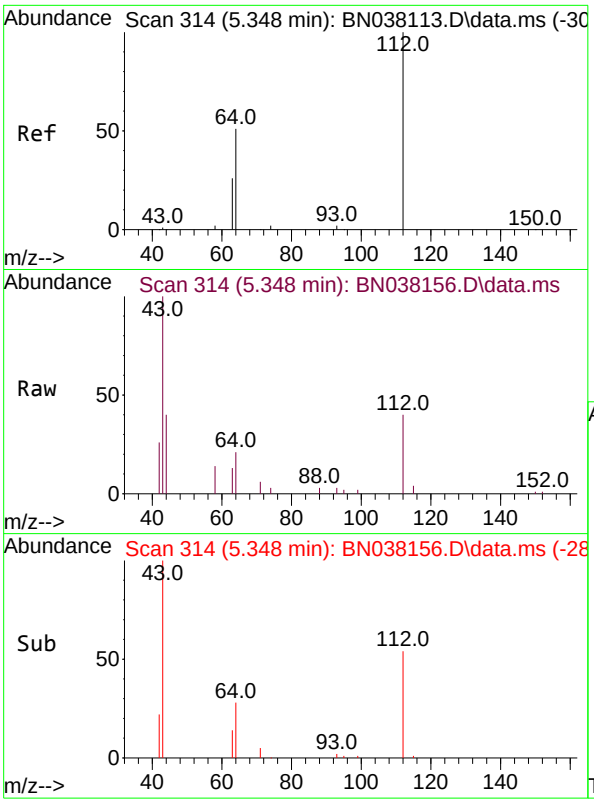


#2
1,4-Dioxane
Concen: 12.730 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion: 88 Resp: 142637

Ion	Ratio	Lower	Upper
88	100		
43	33.6	24.3	36.5
58	75.3	60.4	90.6





#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.348 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

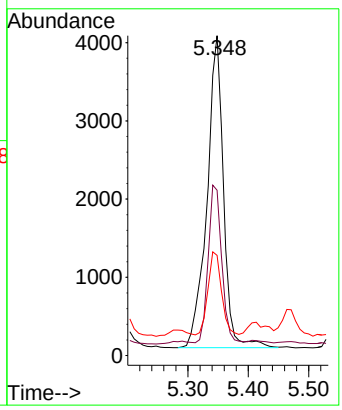
Tgt Ion:112 Resp: 761

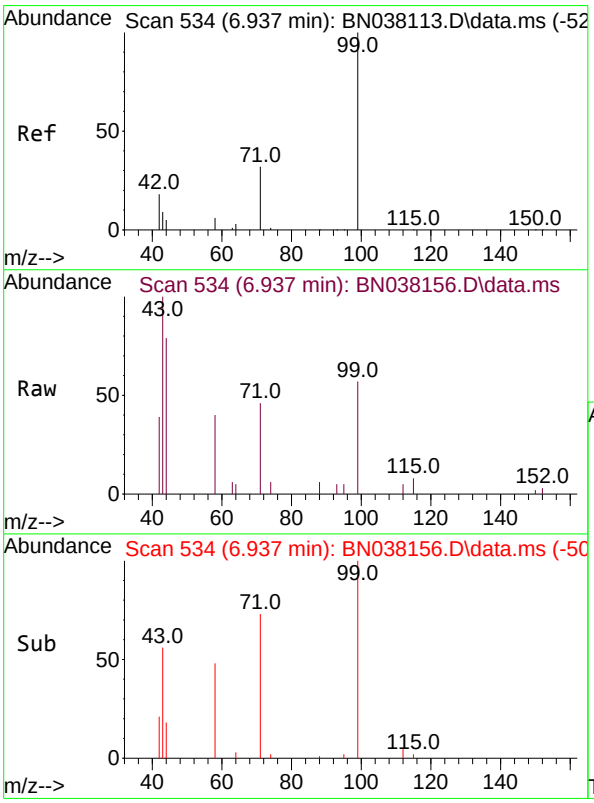
Ion	Ratio	Lower	Upper
112	100		
64	40.8	45.4	68.0#
63	22.6	23.2	34.8#

Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

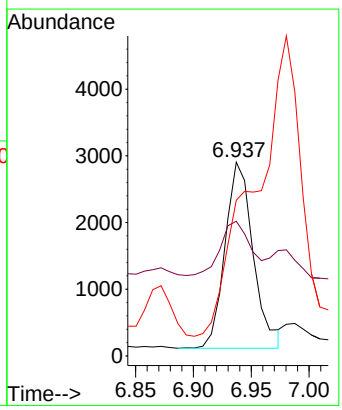


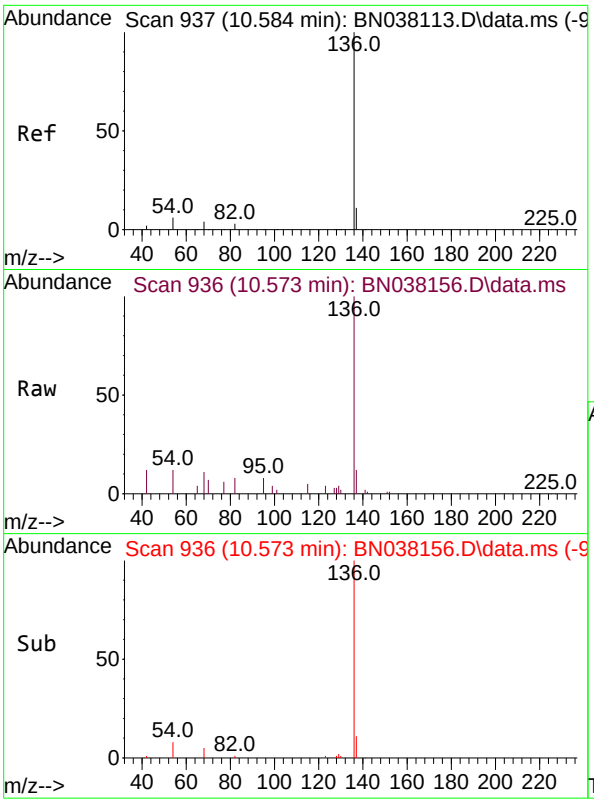


#5
Phenol-d6
Concen: 0.152 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion: 99 Resp: 4714

Ion	Ratio	Lower	Upper
99	100		
42	30.7	16.6	24.8#
71	0.0	25.4	38.2#

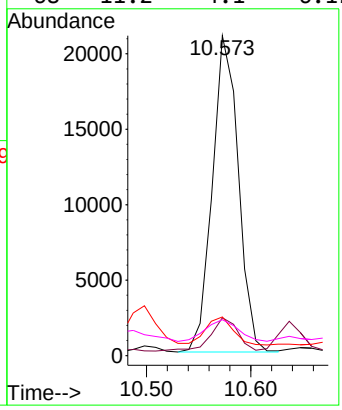




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:136 Resp: 3638

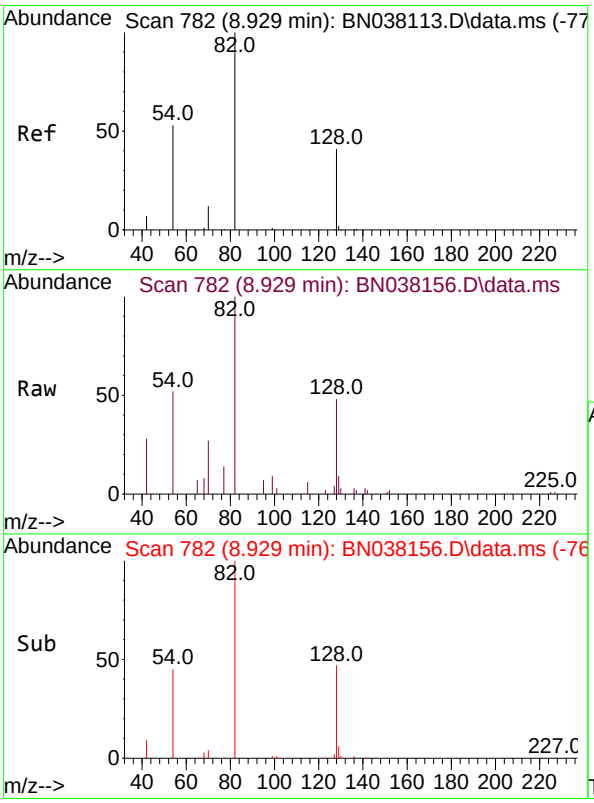
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	12.1	5.2	7.8#
68	11.2	4.1	6.1#



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

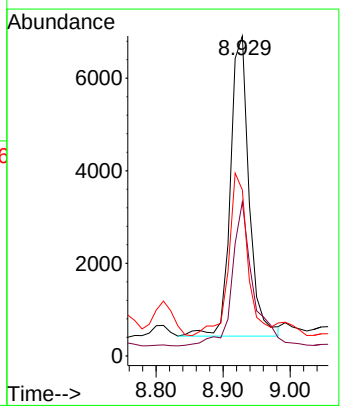
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

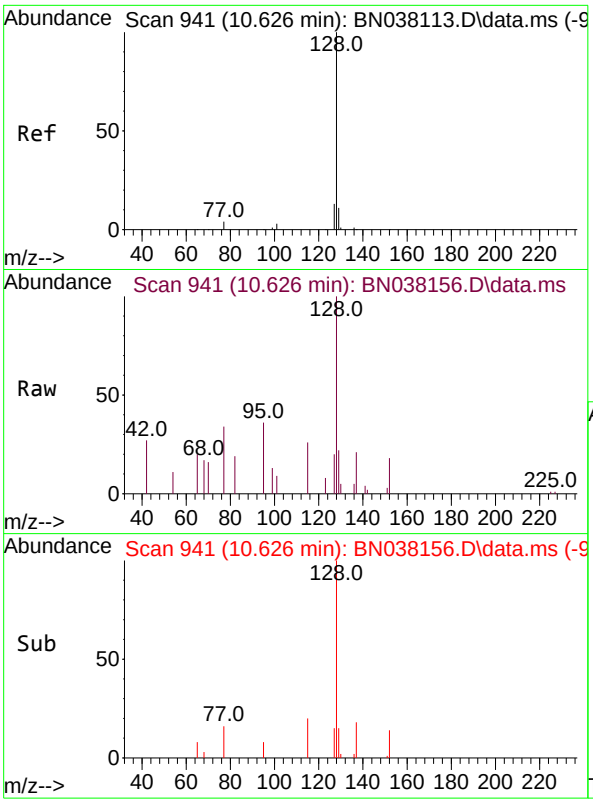


#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion: 82 Resp: 12578

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.1	51.1
54	51.8	43.5	65.3





#9
Naphthalene
Concen: 0.103 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

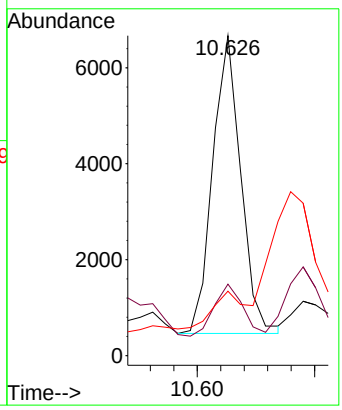
Tgt Ion:128 Resp: 1031

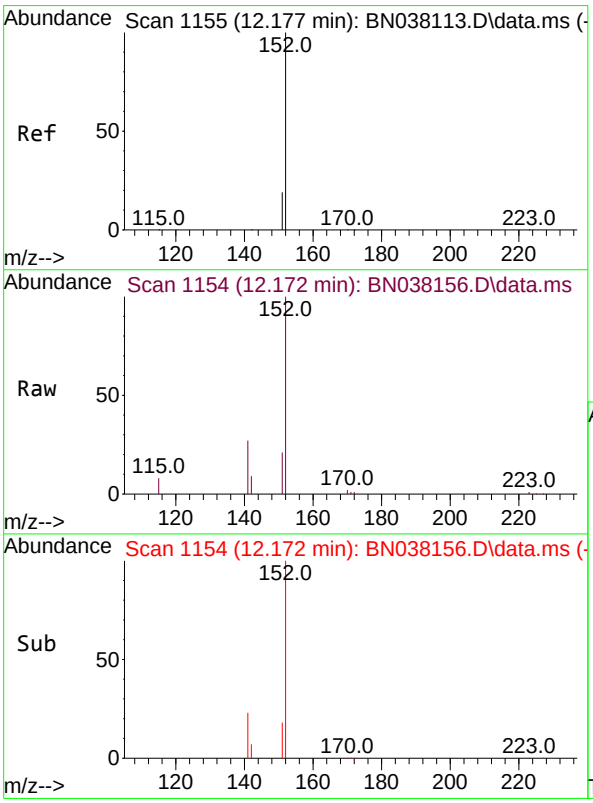
Ion	Ratio	Lower	Upper
128	100		
129	22.3	9.1	13.7#
127	20.1	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

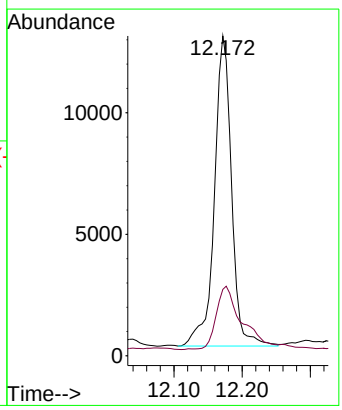


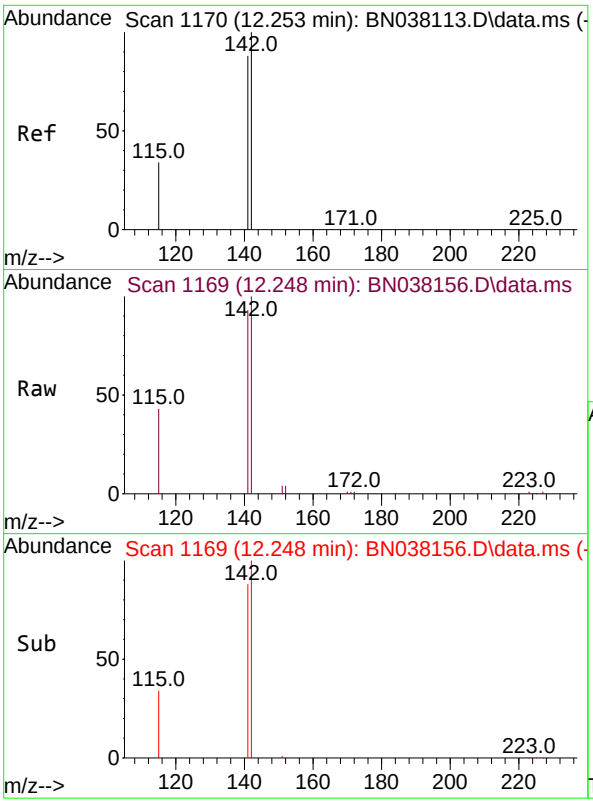


#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:152 Resp: 22349

Ion	Ratio	Lower	Upper
152	100		
151	32.6	16.8	25.2#

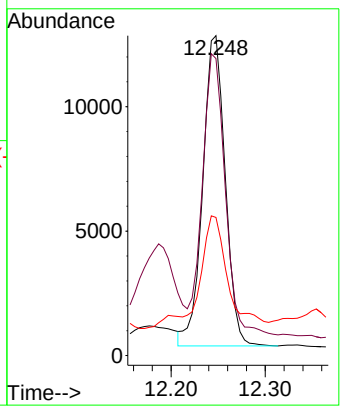




#12
2-Methylnaphthalene
Concen: 0.310 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:142 Resp: 2072

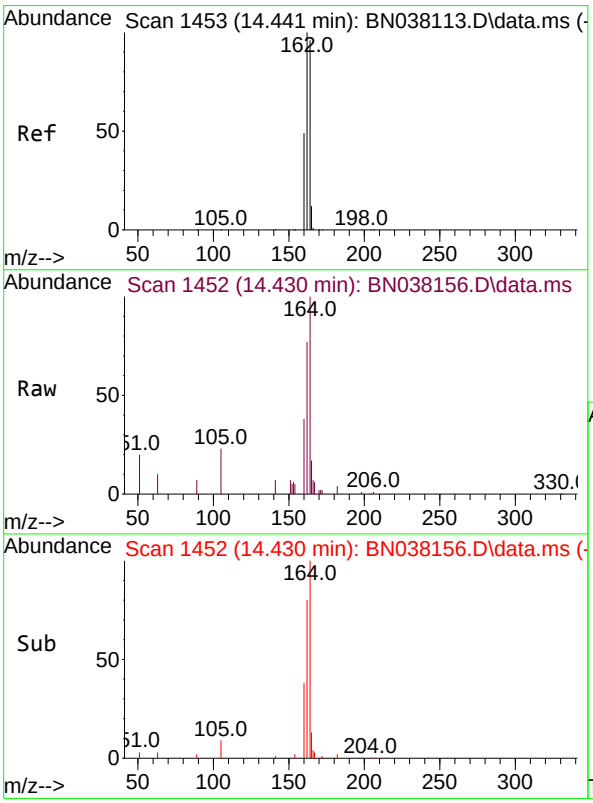
Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.3	105.5
115	43.2	27.8	41.6#



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

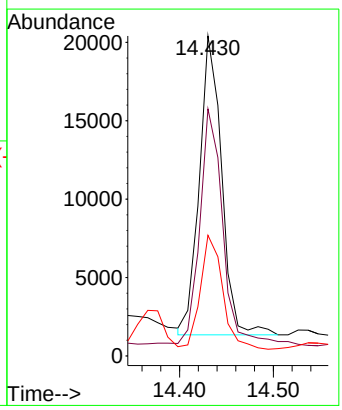
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

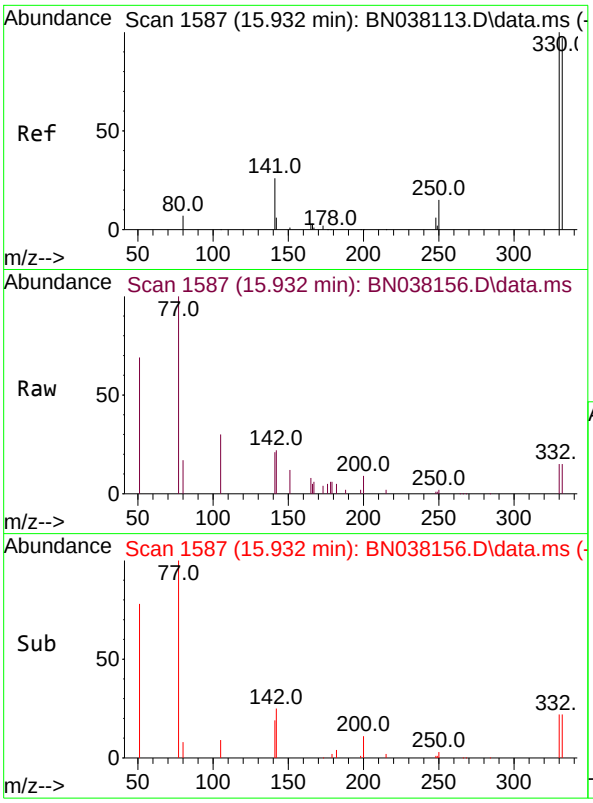


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:164 Resp: 31553

Ion	Ratio	Lower	Upper
164	100		
162	77.2	83.0	124.4#
160	37.7	40.7	61.1#

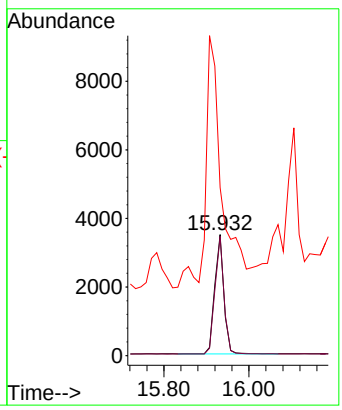




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:330 Resp: 517

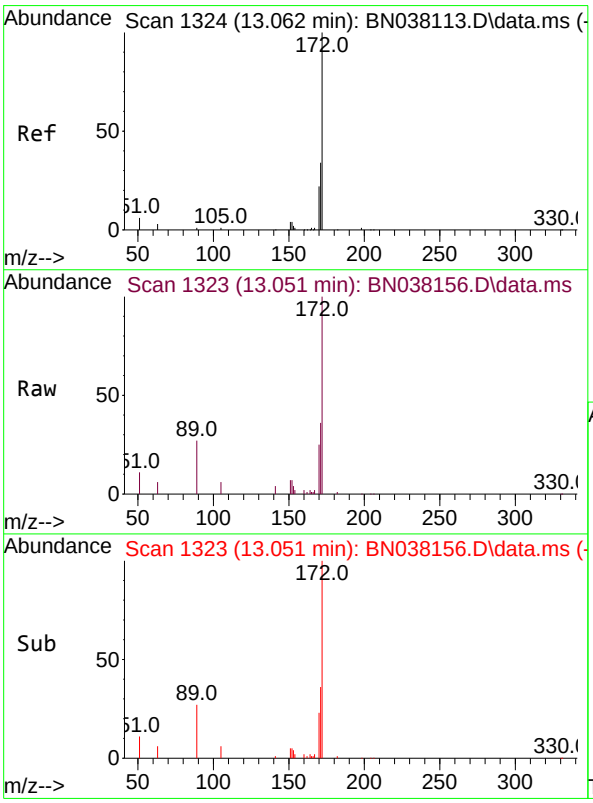
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	0.0	34.1	51.1



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

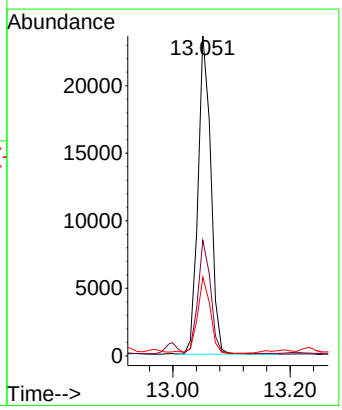
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

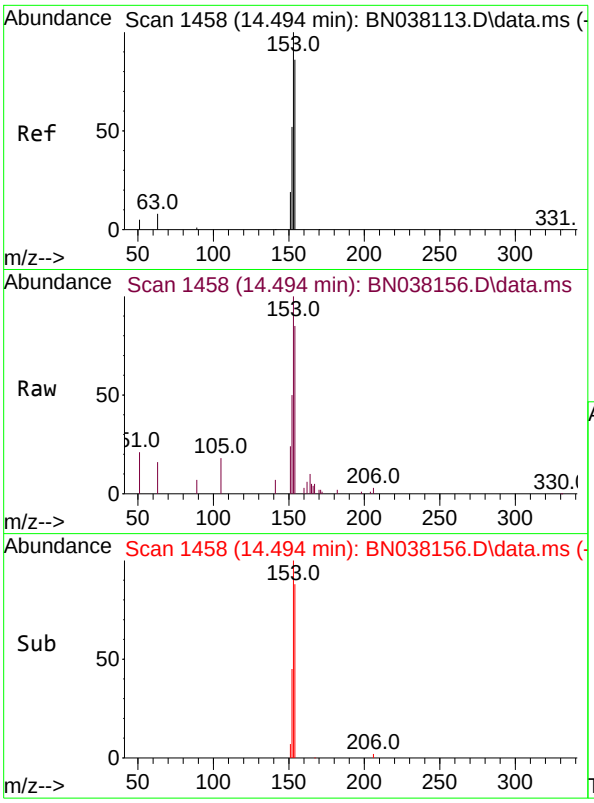


#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:172 Resp: 35582

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	24.5	18.1	27.1

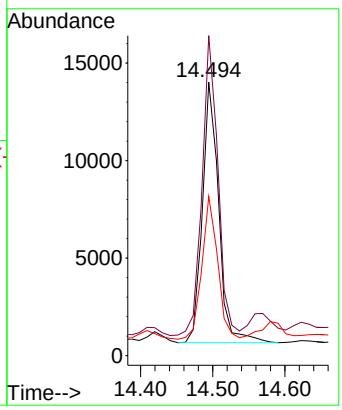




#17
Acenaphthene
Concen: 0.209 ng
RT: 14.494 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:154 Resp: 20901

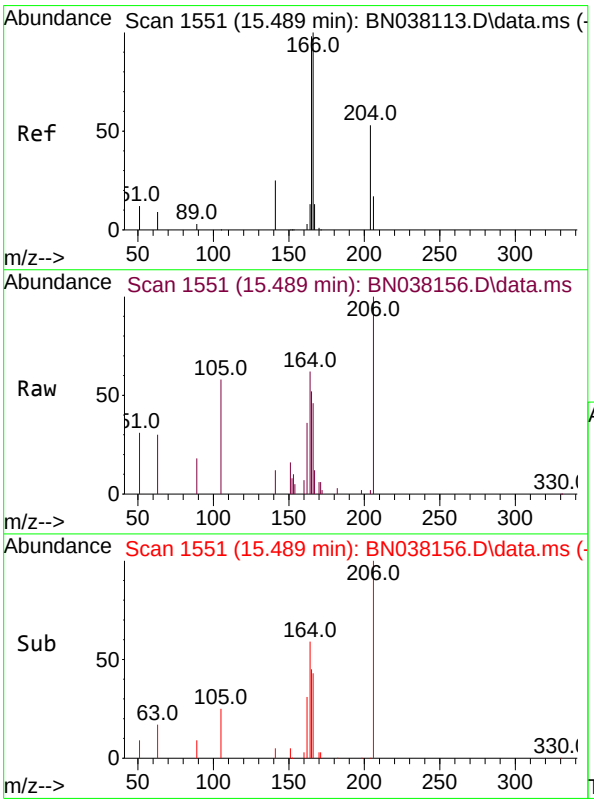
Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.0	135.0
152	52.9	47.3	70.9



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

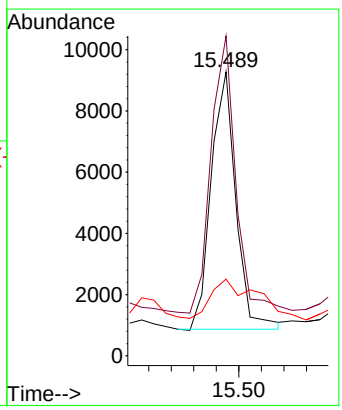
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

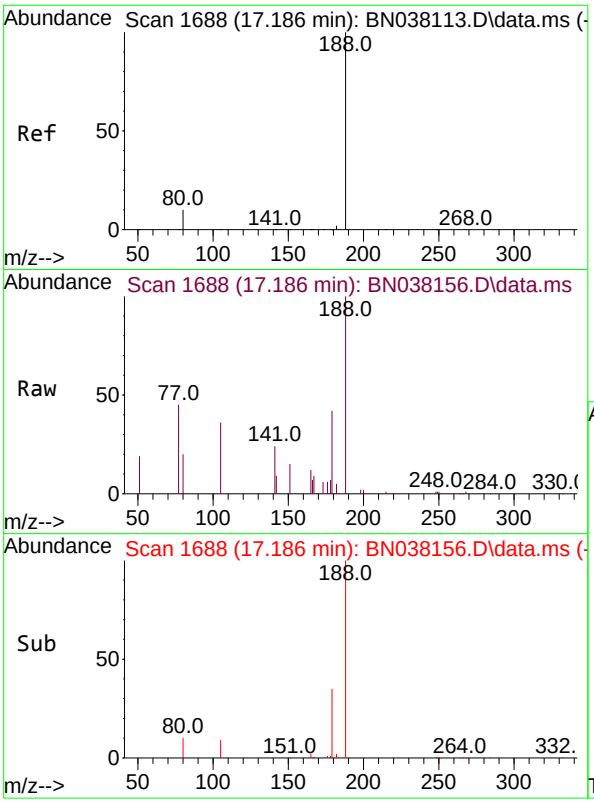


#18
Fluorene
Concen: 0.101 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:166 Resp: 13238

Ion	Ratio	Lower	Upper
166	100		
165	108.0	79.0	118.4
167	29.6	10.7	16.1#

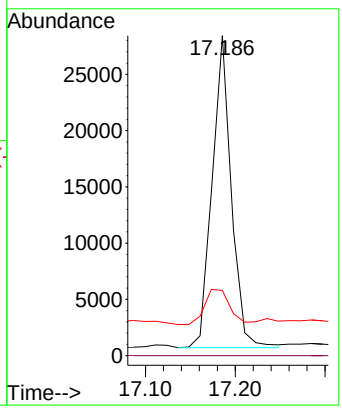




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:188 Resp: 4117

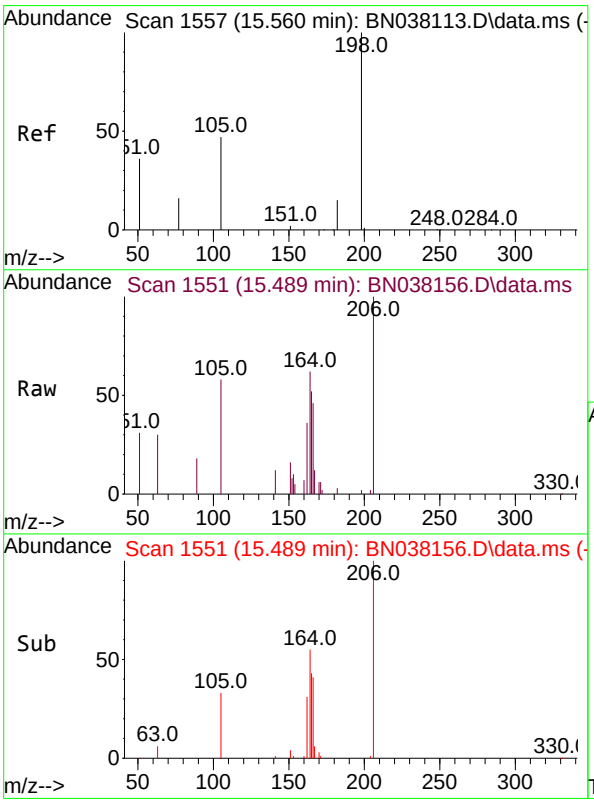
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.4	8.6	13.0#



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

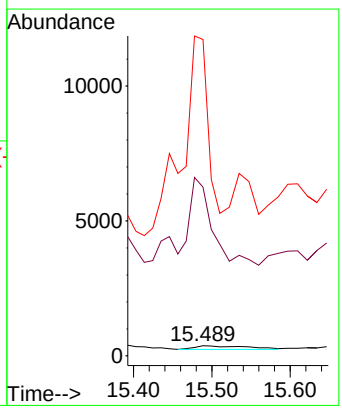
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

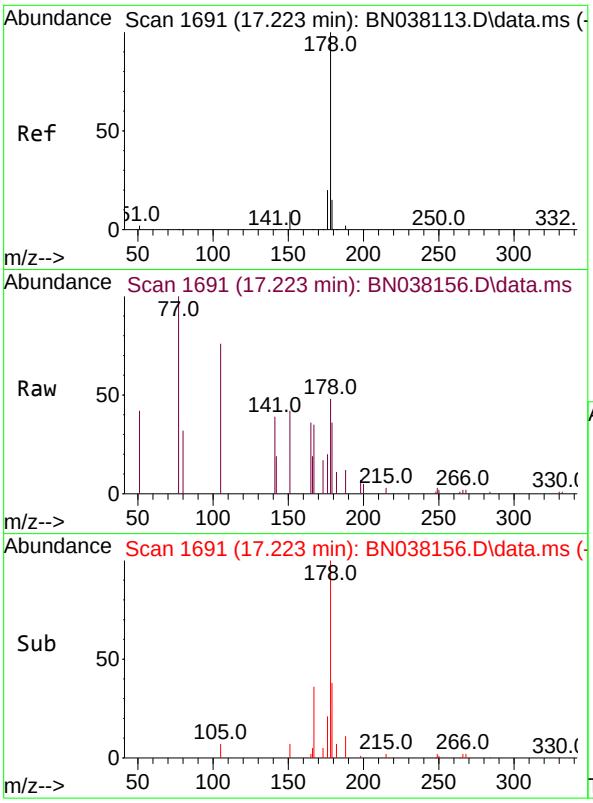


#20
4,6-Dinitro-2-methylphenol
Concen: 0.264 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.071 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:198 Resp: 632

Ion	Ratio	Lower	Upper
198	100		
51	1668.3	88.9	133.3#
105	3127.5	49.2	73.8#

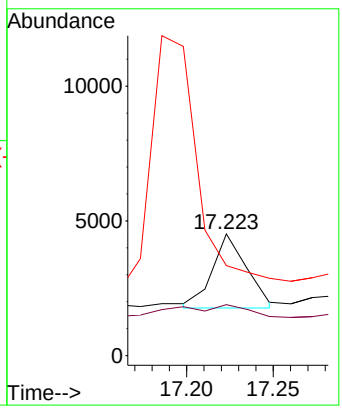




#25
Phenanthrene
Concen: 0.029 ng m
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:178 Resp: 379

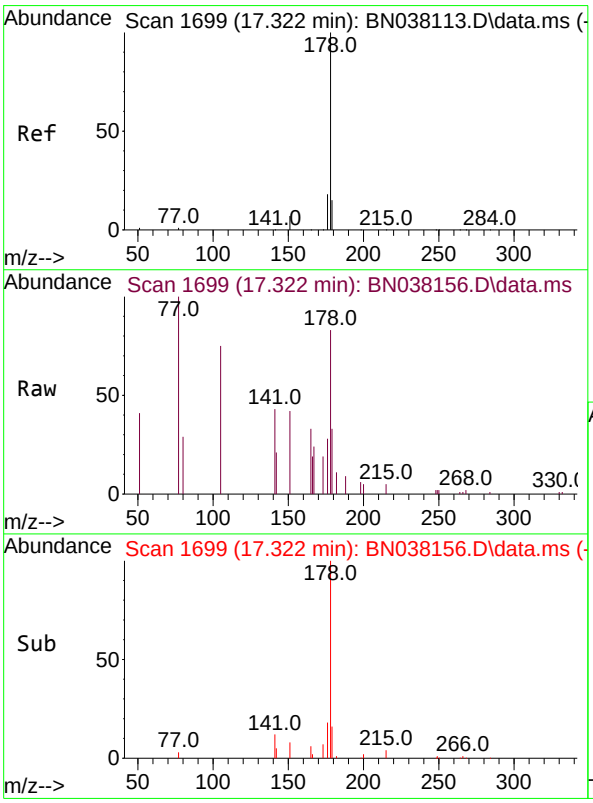
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.8	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

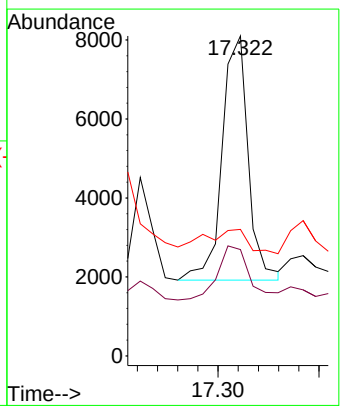
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

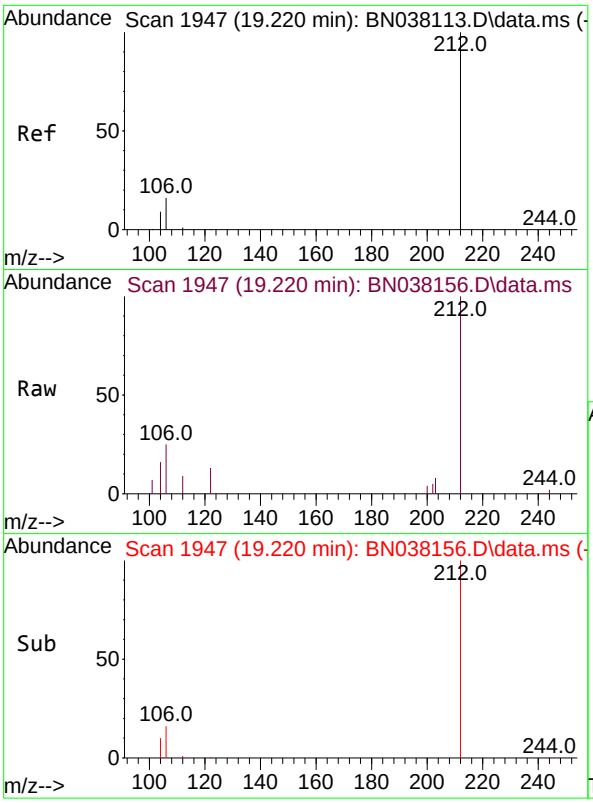


#26
Anthracene
Concen: 0.097 ng
RT: 17.322 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:178 Resp: 11096

Ion	Ratio	Lower	Upper
178	100		
176	27.3	14.9	22.3#
179	19.3	11.8	17.8#

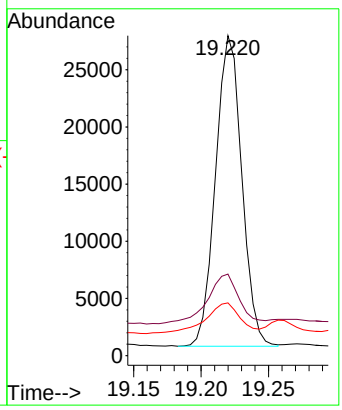




#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.220 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:212 Resp: 3687

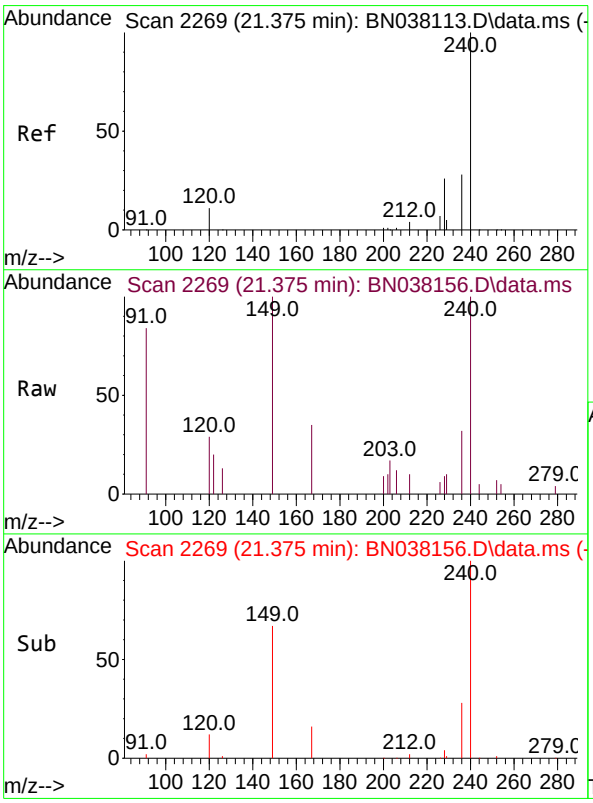
Ion	Ratio	Lower	Upper
212	100		
106	19.5	12.6	19.0#
104	13.2	7.1	10.7#



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

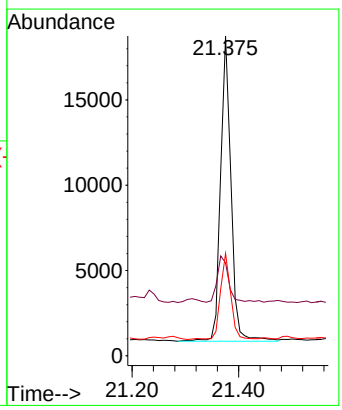
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

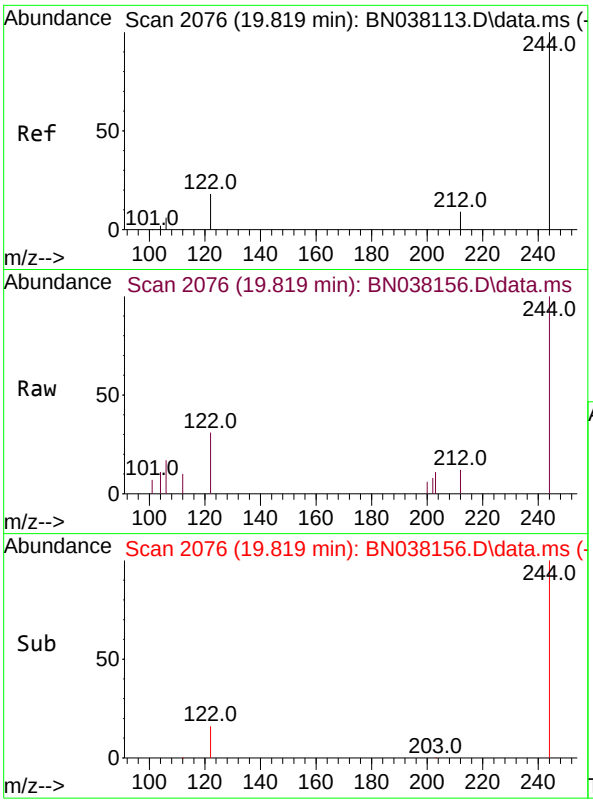


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:240 Resp: 24174

Ion	Ratio	Lower	Upper
240	100		
120	29.1	10.7	16.1#
236	32.0	23.1	34.7

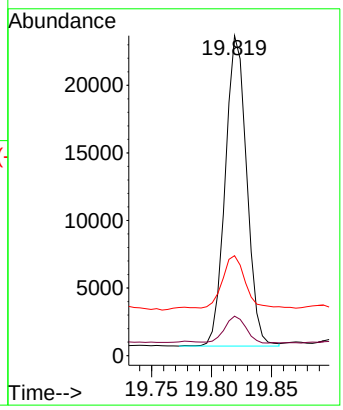




#31
Terphenyl-d14
Concen: 0.544 ng
RT: 19.819 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:244 Resp: 2857

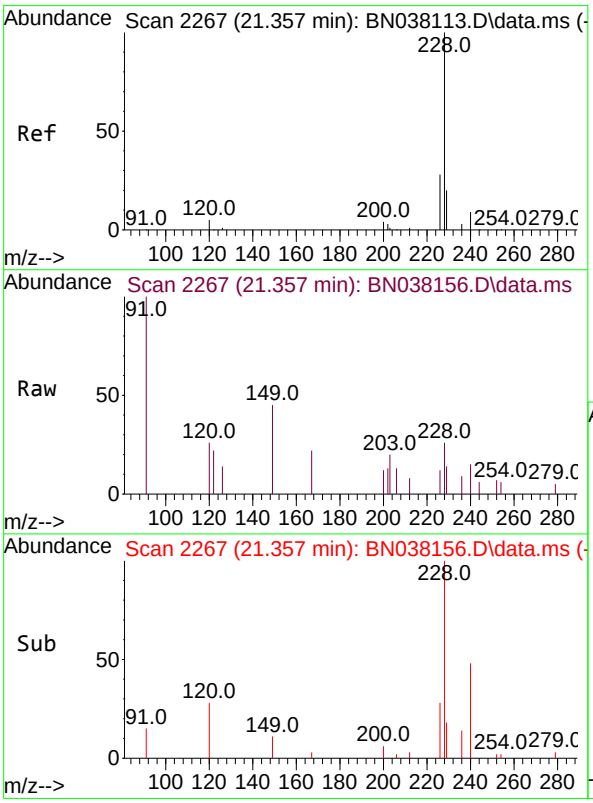
Ion	Ratio	Lower	Upper
244	100		
212	12.3	7.8	11.6#
122	31.2	15.2	22.8#



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations APPROVED

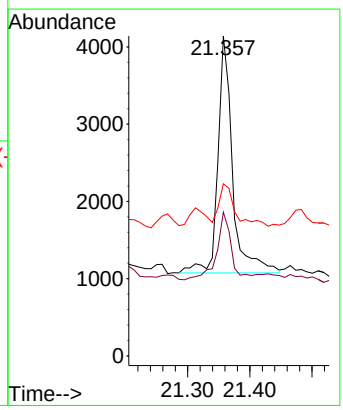
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

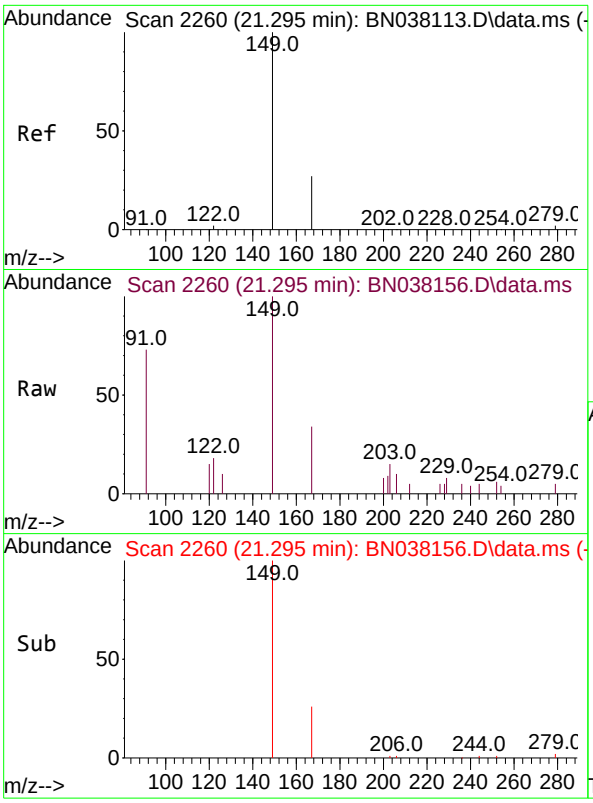


#32
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.357 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:228 Resp: 5019

Ion	Ratio	Lower	Upper
228	100		
226	44.9	22.2	33.4#
229	53.8	15.8	23.8#

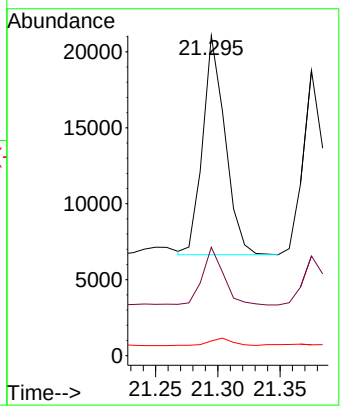




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:149 Resp: 1809

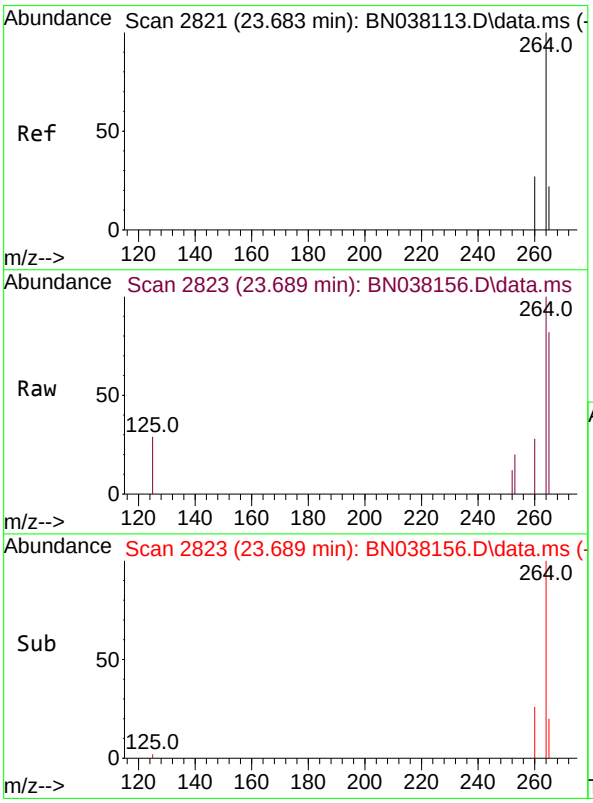
Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.1	31.7
279	3.5	2.9	4.3



Instrument :
BNA_N
ClientSampleId :
MW-3

Manual Integrations
APPROVED

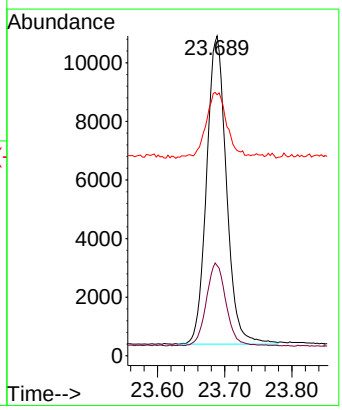
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.689 min Scan# 2823
Delta R.T. 0.009 min
Lab File: BN038156.D
Acq: 07 Nov 2025 16:10

Tgt Ion:264 Resp: 21532

Ion	Ratio	Lower	Upper
264	100		
260	28.2	21.8	32.8
265	81.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038178.D
Acq On : 10 Nov 2025 12:39
Operator : RC/JU
Sample : Q3552-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Quant Time: Nov 10 13:21:04 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

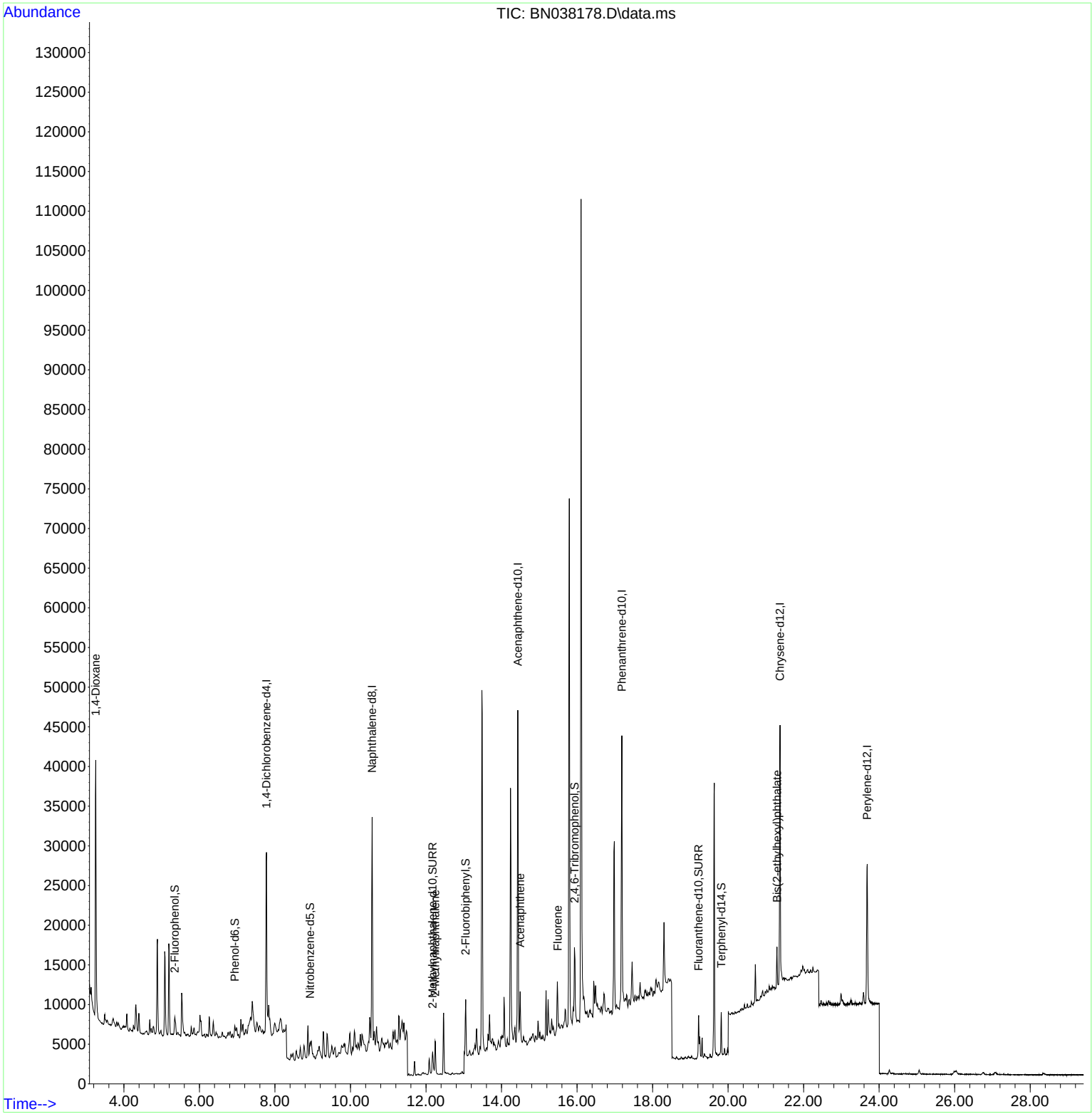
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11254	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	37609	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24476	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	44166	0.400	ng	0.00
29) Chrysene-d12	21.375	240	28574	0.400	ng	0.00
35) Perylene-d12	23.683	264	24475	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1062	0.040	ng	0.00
5) Phenol-d6	6.937	99	843	0.026	ng	0.00
8) Nitrobenzene-d5	8.929	82	1783	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	3151	0.059	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	775	0.077	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	5917	0.060	ng	0.00
27) Fluoranthene-d10	19.220	212	5929	0.053	ng	0.00
31) Terphenyl-d14	19.819	244	5253	0.085	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	21666	1.863	ng	98
12) 2-Methylnaphthalene	12.243	142	3016	0.044	ng	# 89
17) Acenaphthene	14.495	154	3342	0.043	ng	96
18) Fluorene	15.489	166	2311	0.023	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.295	149	5221	0.097	ng	# 95

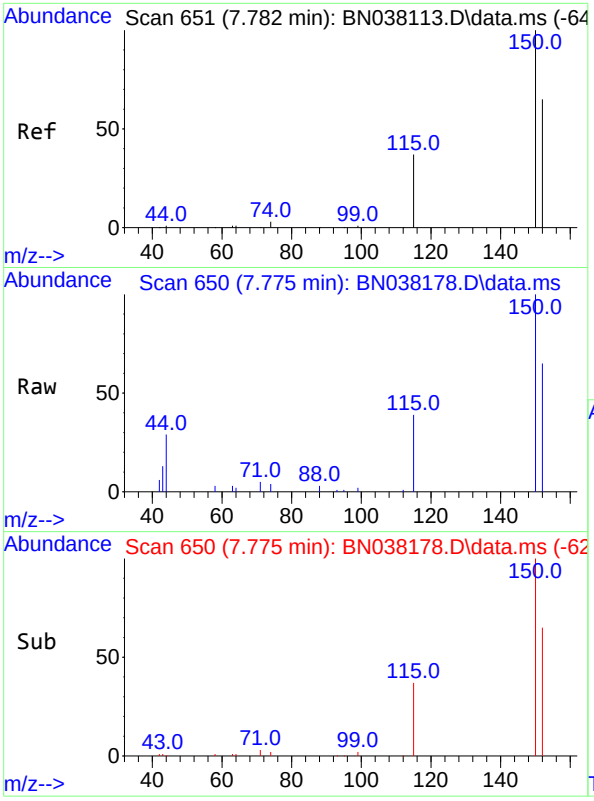
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038178.D
Acq On : 10 Nov 2025 12:39
Operator : RC/JU
Sample : Q3552-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Quant Time: Nov 10 13:21:04 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



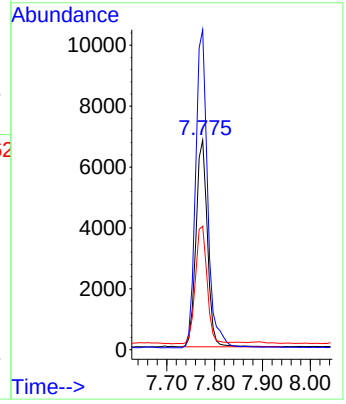


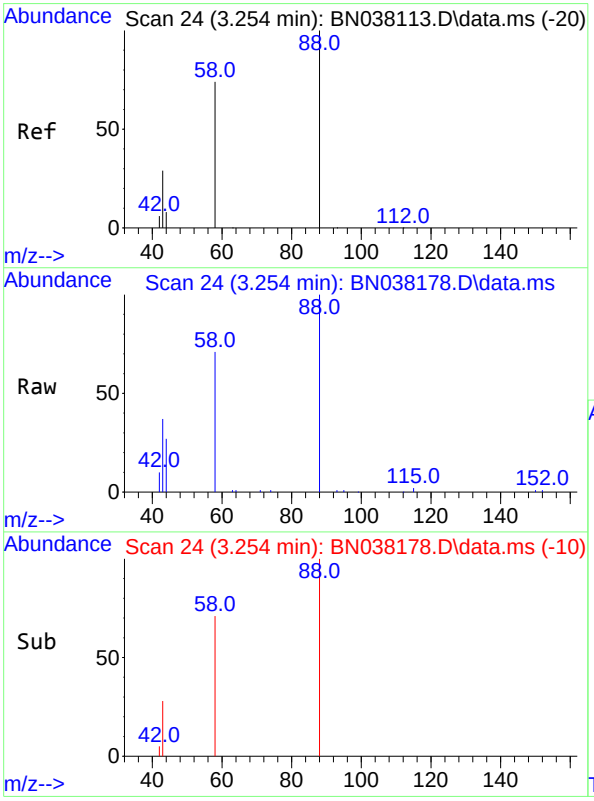
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:152 Resp: 11254

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.3	183.5
115	58.9	47.4	71.0

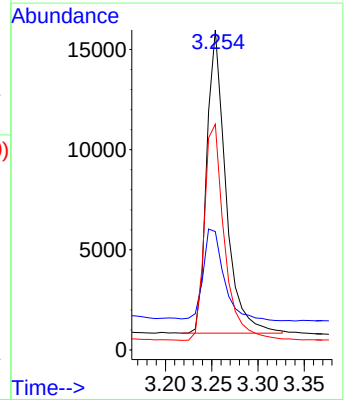


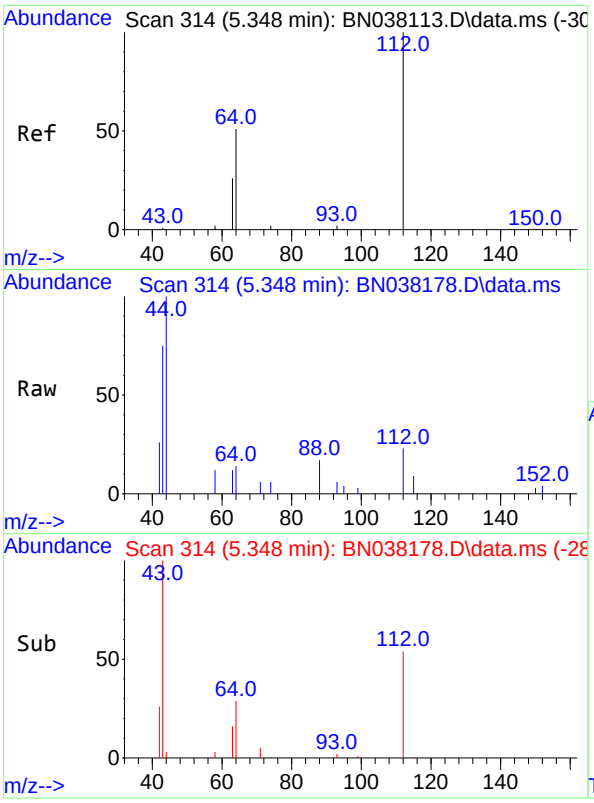


#2
1,4-Dioxane
Concen: 1.863 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion: 88 Resp: 21666

Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.3	36.5
58	75.3	60.4	90.6



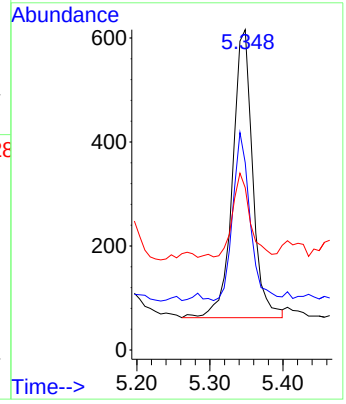


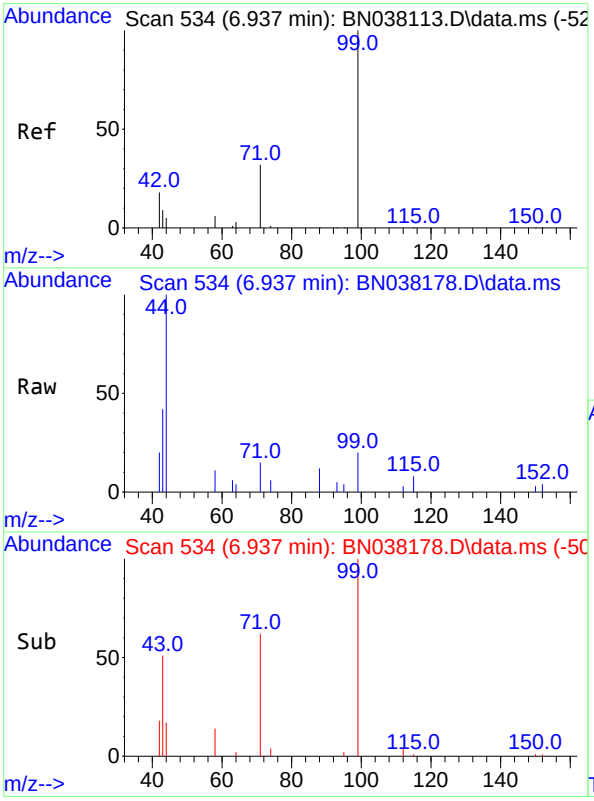
#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.348 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:112 Resp: 1062

Ion	Ratio	Lower	Upper
112	100		
64	49.9	45.4	68.0
63	25.0	23.2	34.8

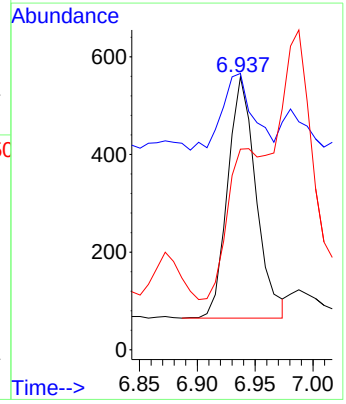


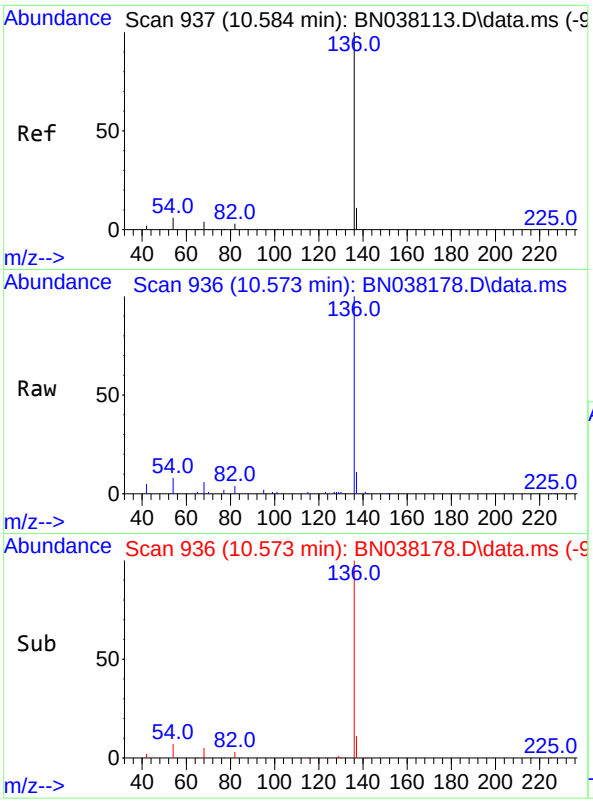


#5
Phenol-d6
Concen: 0.026 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion: 99 Resp: 843

Ion	Ratio	Lower	Upper
99	100		
42	38.1	16.6	24.8#
71	67.9	25.4	38.2#



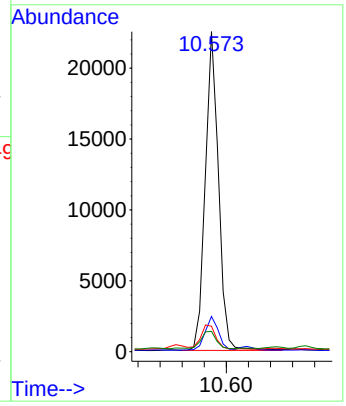


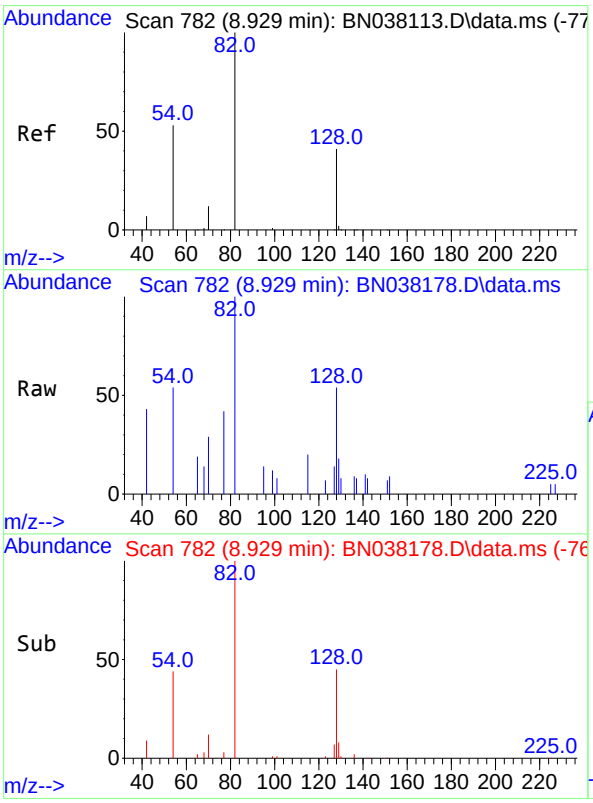
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:136 Resp: 37609

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.0	5.2	7.8#
68	6.3	4.1	6.1#

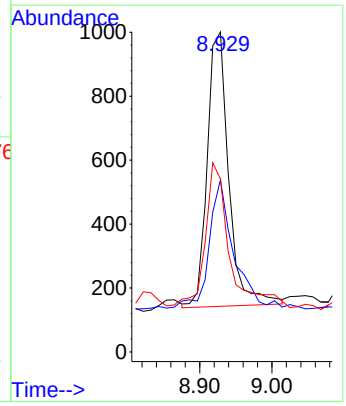


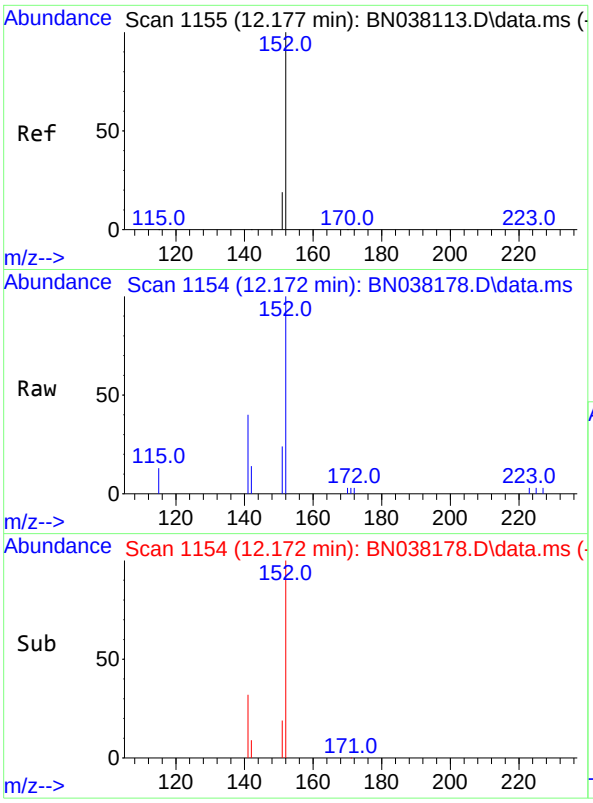


#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion: 82 Resp: 1783

Ion	Ratio	Lower	Upper
82	100		
128	53.8	34.1	51.1#
54	54.0	43.5	65.3



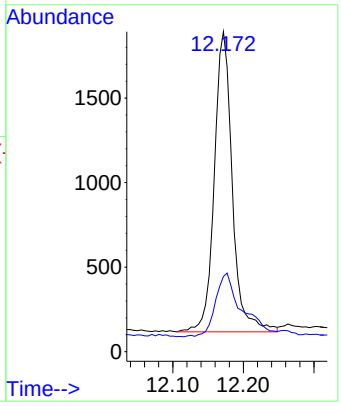


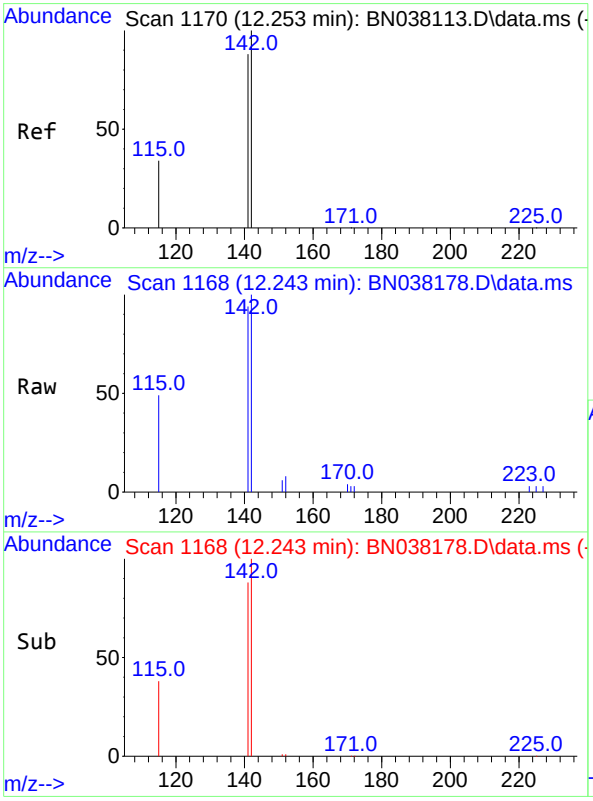
#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:152 Resp: 3151

Ion	Ratio	Lower	Upper
152	100		
151	31.4	16.8	25.2#

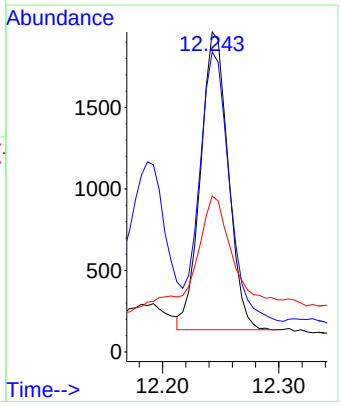


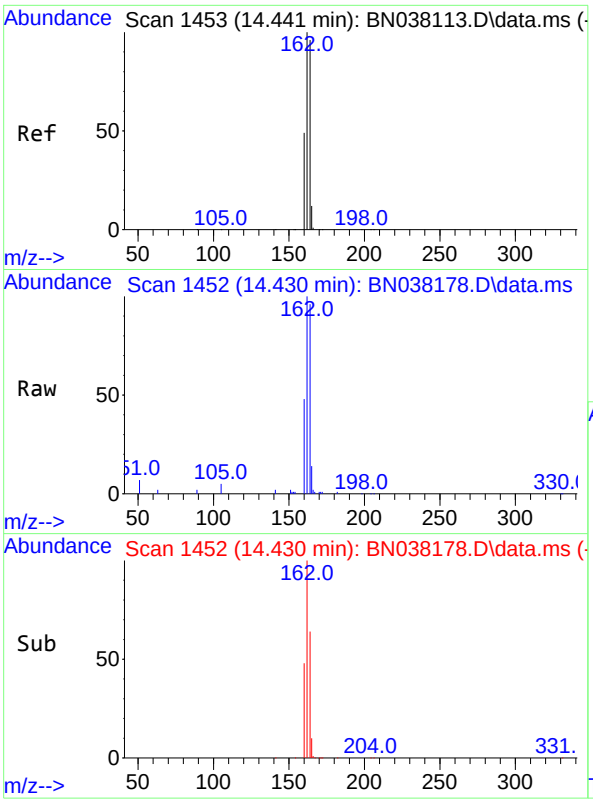


#12
2-Methylnaphthalene
Concen: 0.044 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:142 Resp: 3016

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.3	105.5
115	48.8	27.8	41.6#



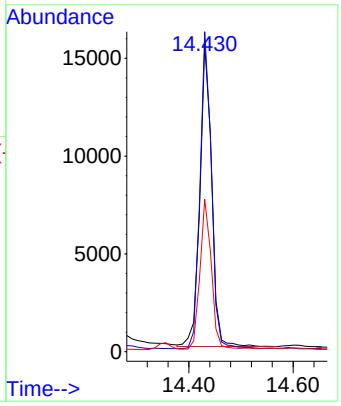


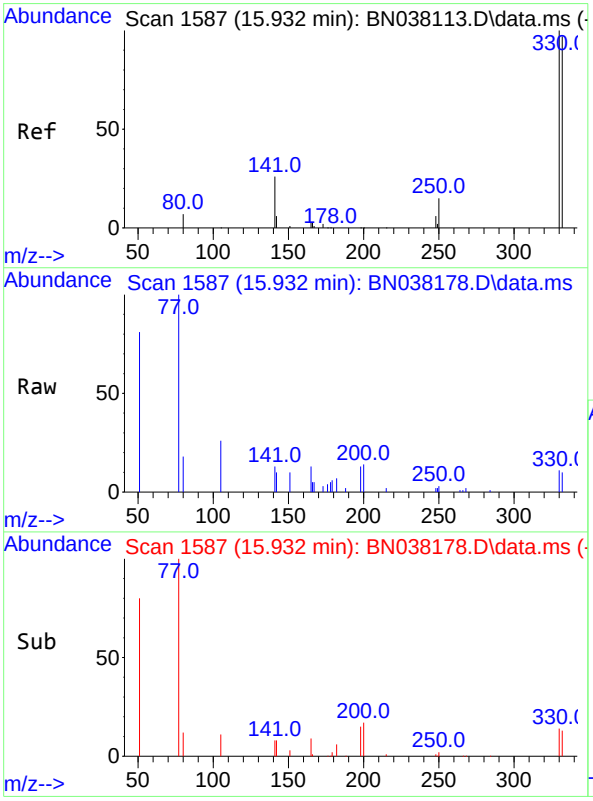
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:164 Resp: 24476

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	49.7	40.7	61.1

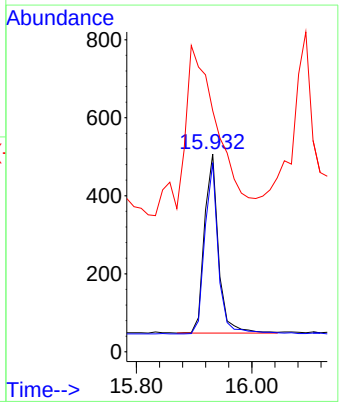


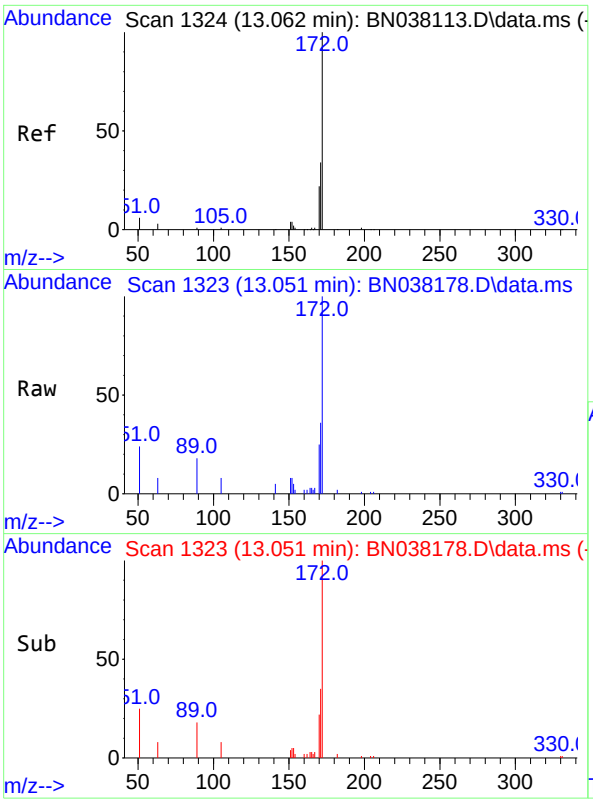


#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:330 Resp: 775

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	114.8
141	0.0	34.1	51.1#



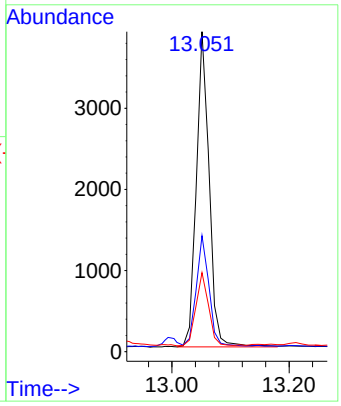


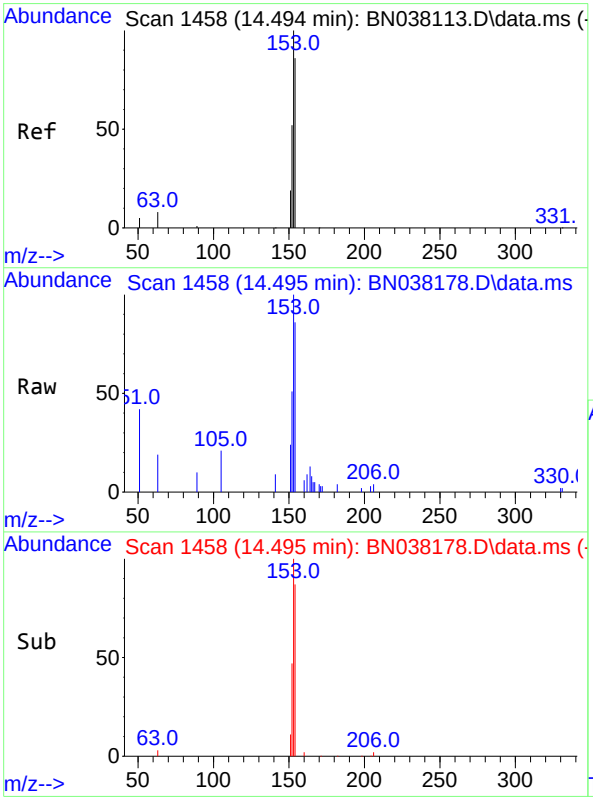
#15
2-Fluorobiphenyl
Concen: 0.060 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:172 Resp: 5917

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.7	18.1	27.1

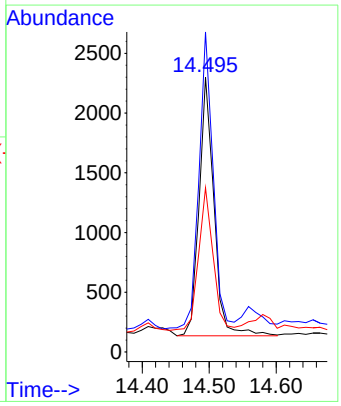


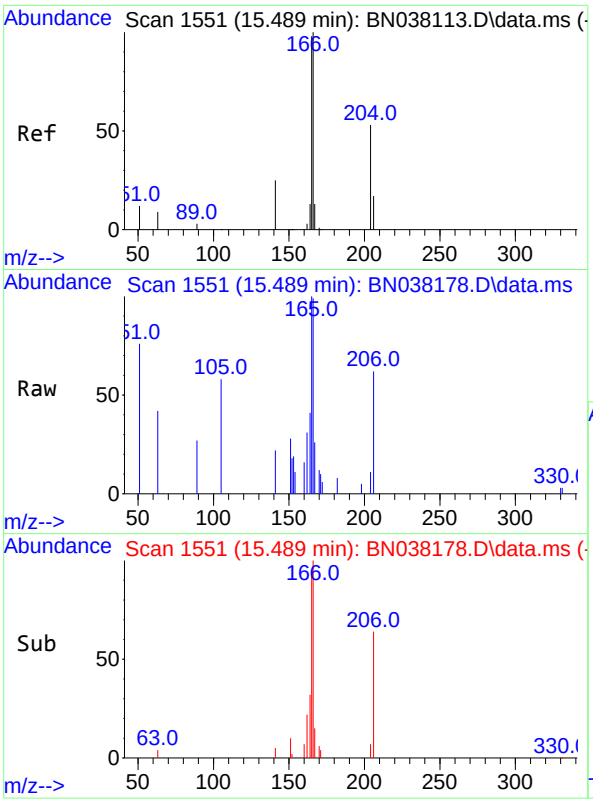


#17
Acenaphthene
Concen: 0.043 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:154 Resp: 3342

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.0	135.0
152	53.9	47.3	70.9



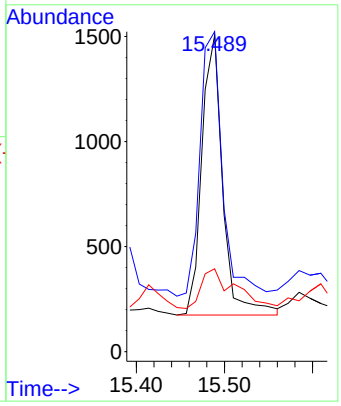


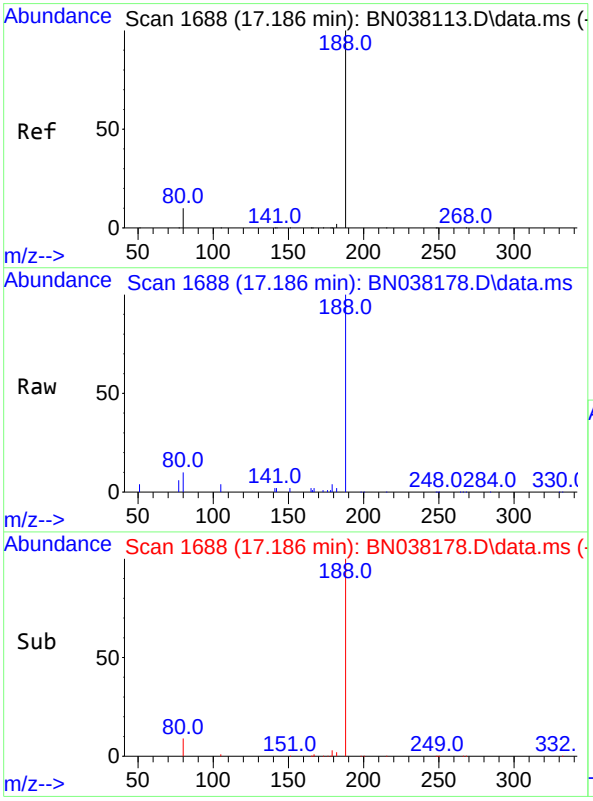
#18
Fluorene
Concen: 0.023 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:166 Resp: 2311

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.4
167	22.5	10.7	16.1#

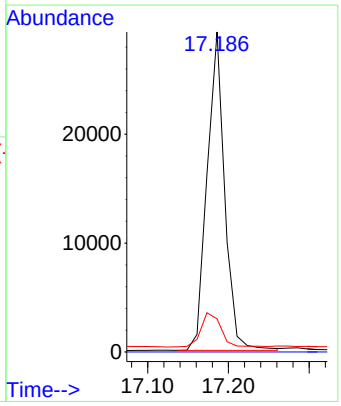


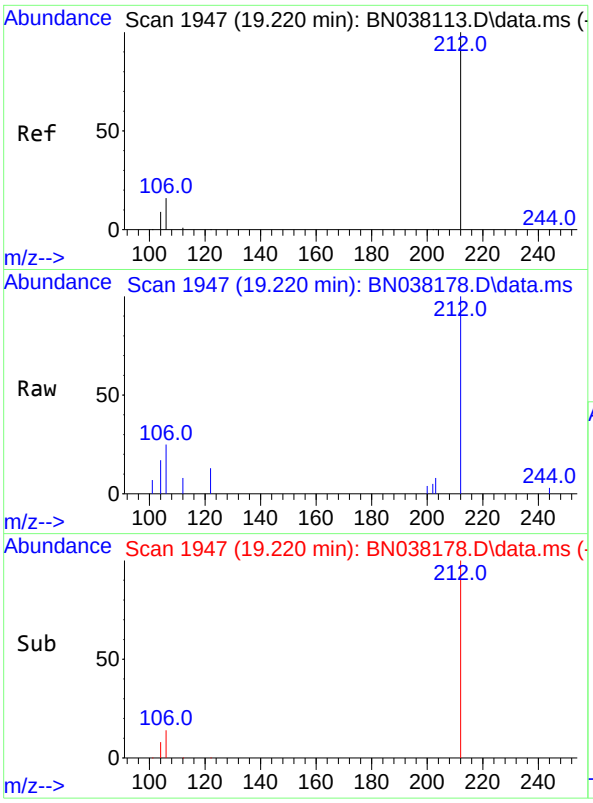


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:188 Resp: 44166

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.6	13.0



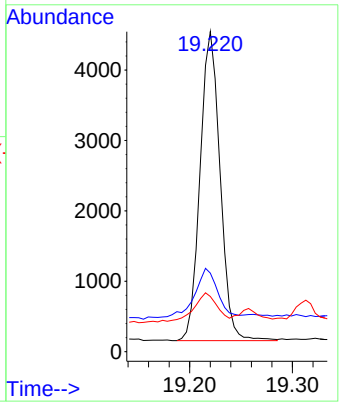


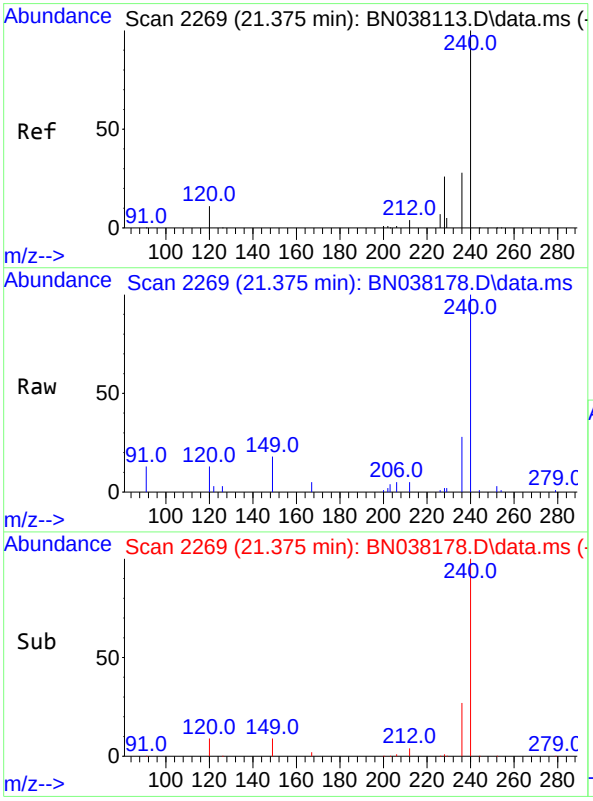
#27
Fluoranthene-d10
Concen: 0.053 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:212 Resp: 5929

Ion	Ratio	Lower	Upper
212	100		
106	17.8	12.6	19.0
104	11.9	7.1	10.7#

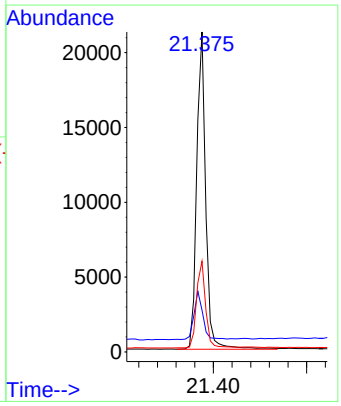


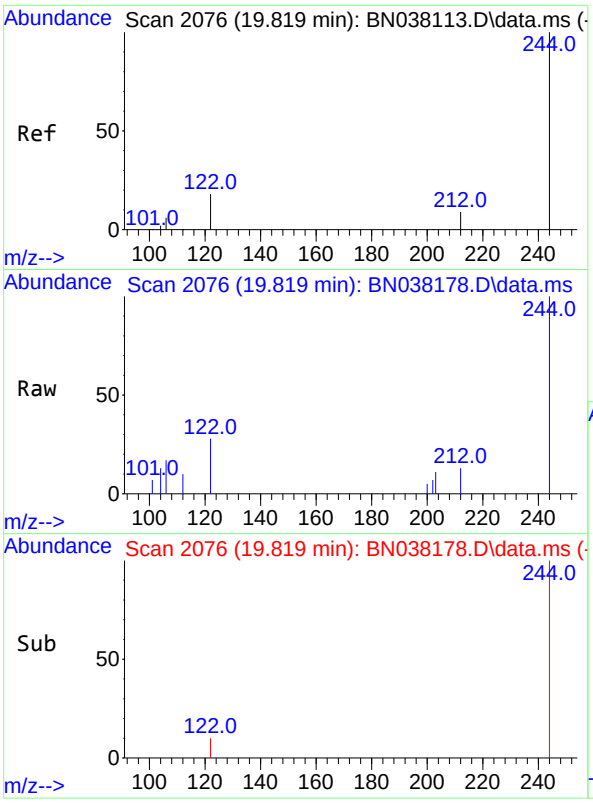


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:240 Resp: 28574

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.7	16.1
236	28.4	23.1	34.7



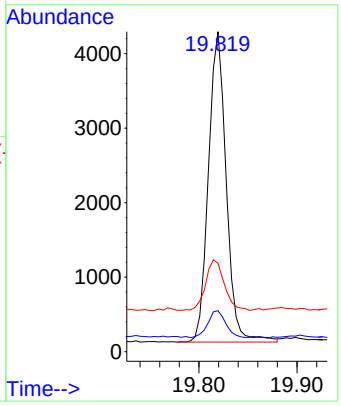


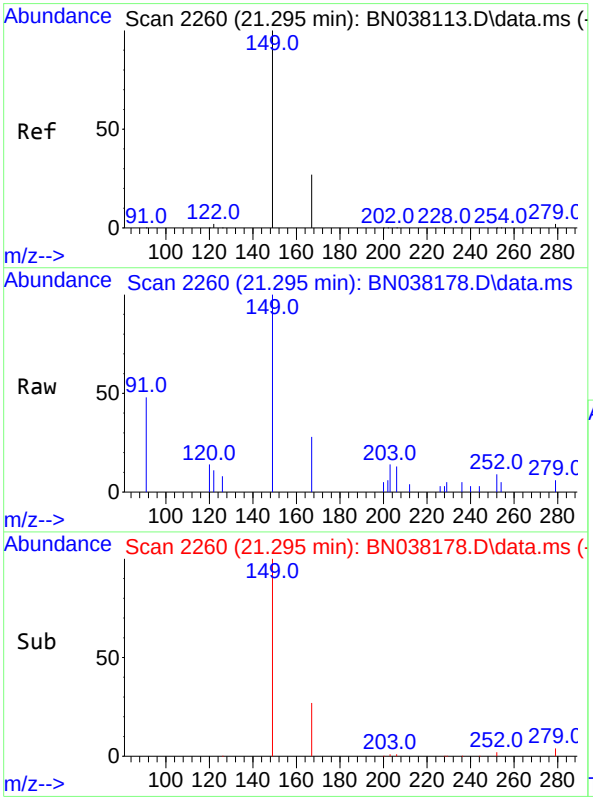
#31
Terphenyl-d14
Concen: 0.085 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:244 Resp: 5253

Ion	Ratio	Lower	Upper
244	100		
212	12.8	7.8	11.6#
122	27.6	15.2	22.8#

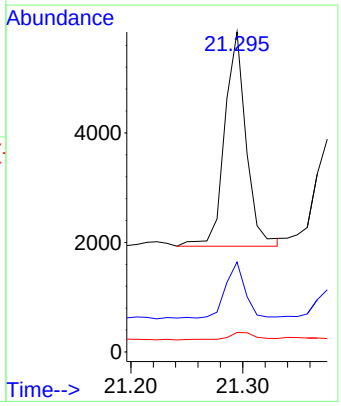


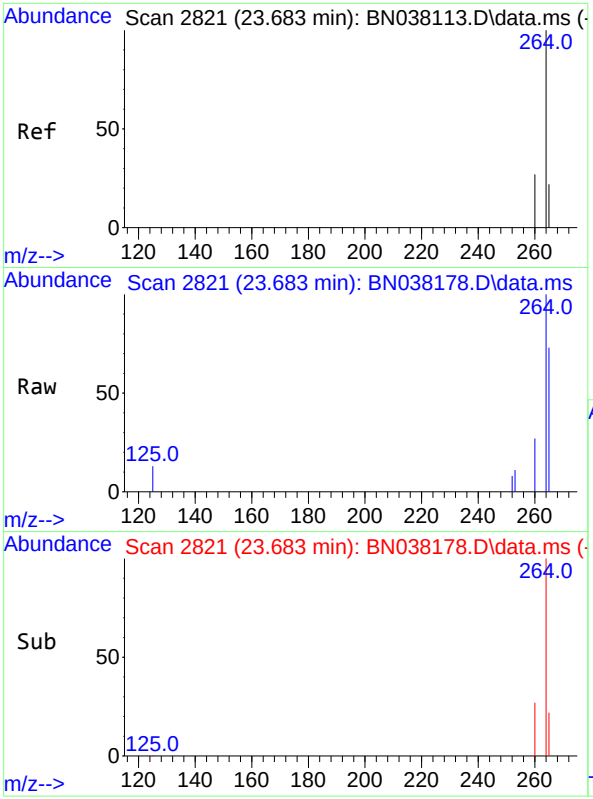


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Tgt Ion:149 Resp: 5221

Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.1	31.7
279	4.7	2.9	4.3#



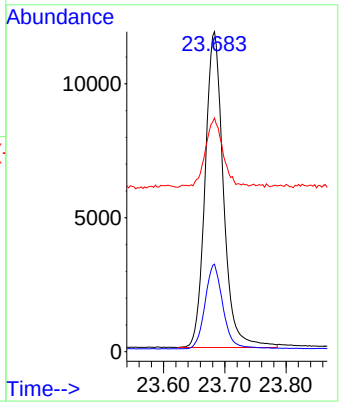


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038178.D
Acq: 10 Nov 2025 12:39

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion:264 Resp: 24475

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	73.1	68.6	102.8



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

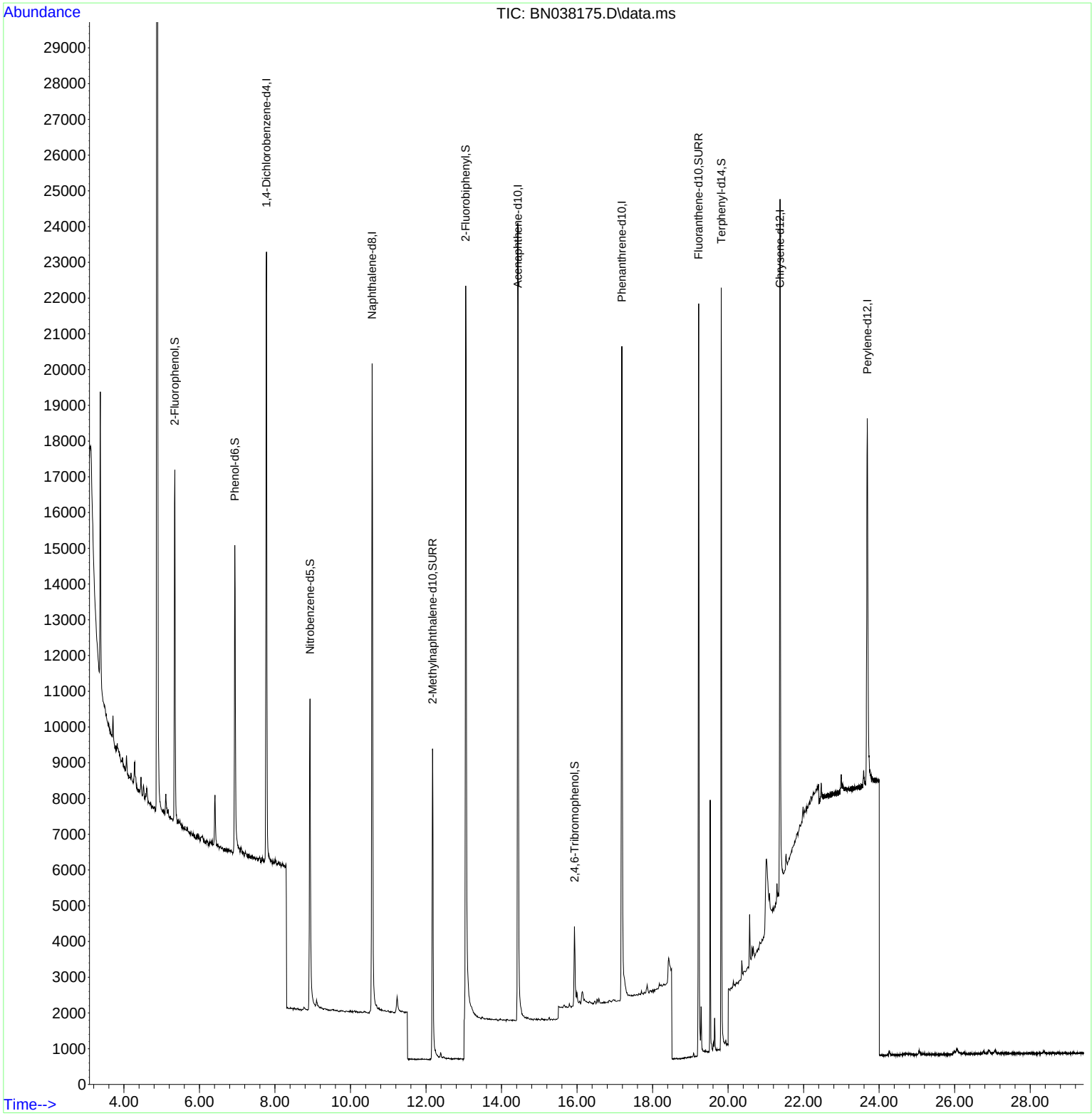
(#) = qualifier out of range (m) = manual integration (+) = signals summed

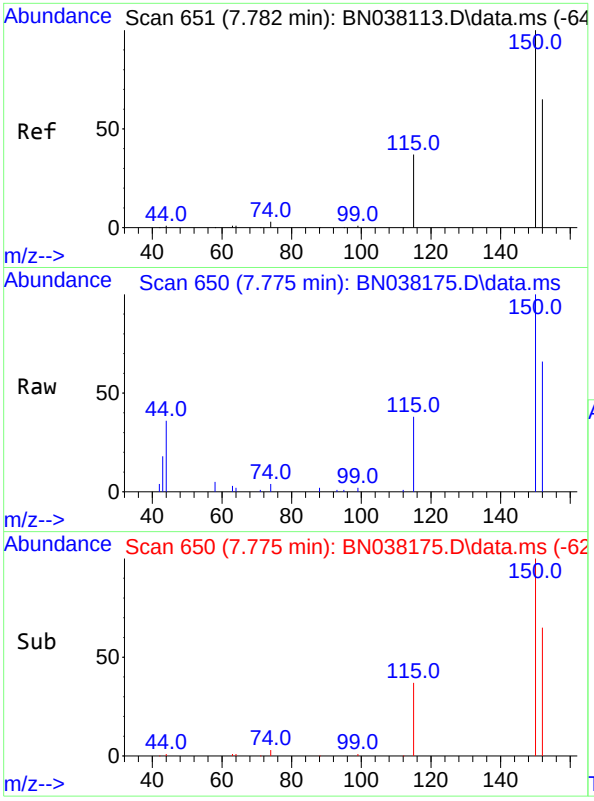
Sample Results: **BN038175.D**

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



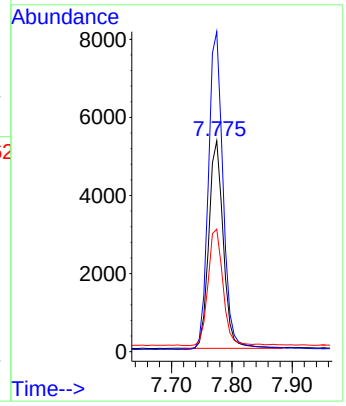


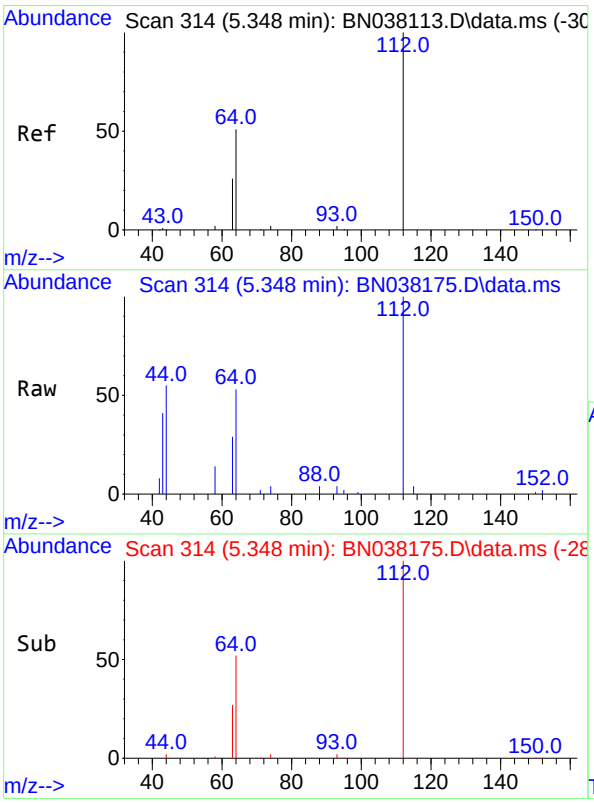
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

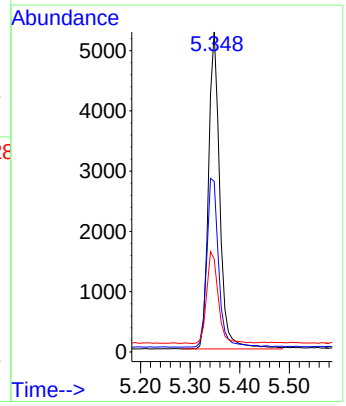


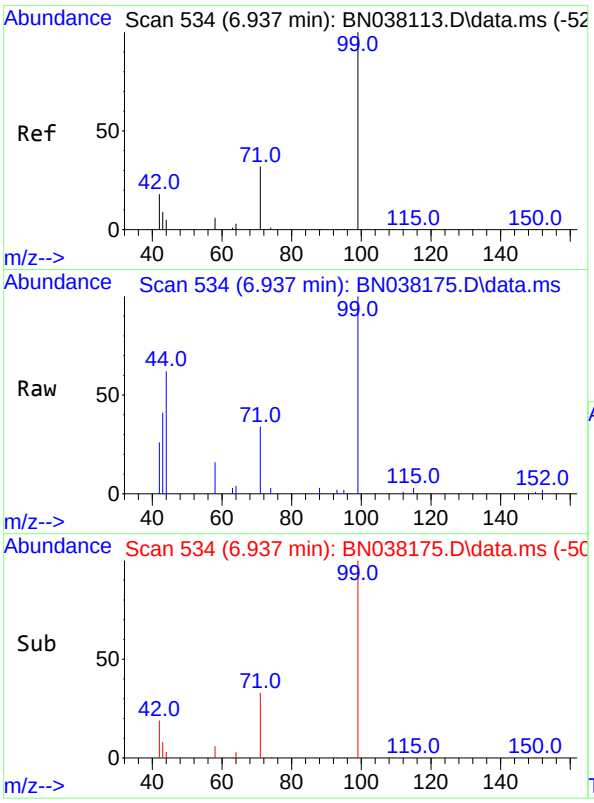


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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



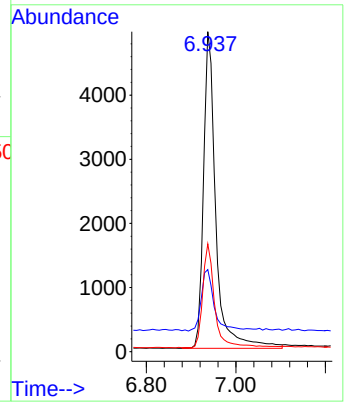


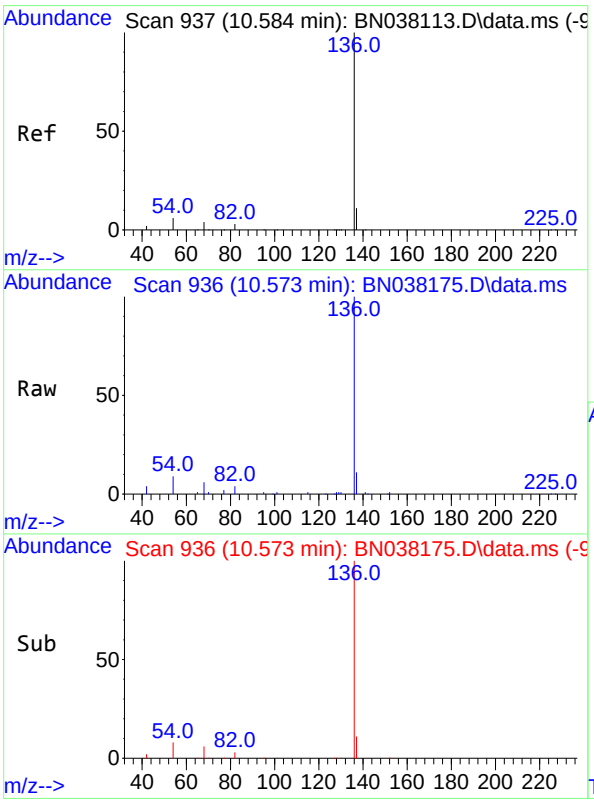
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

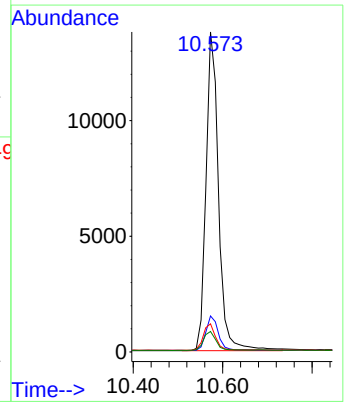


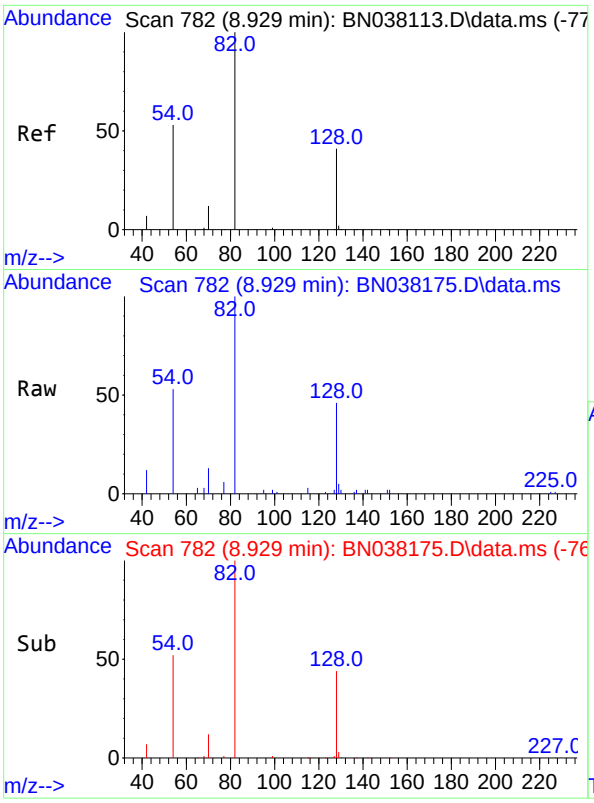


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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#



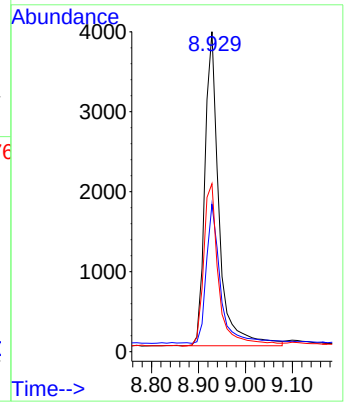


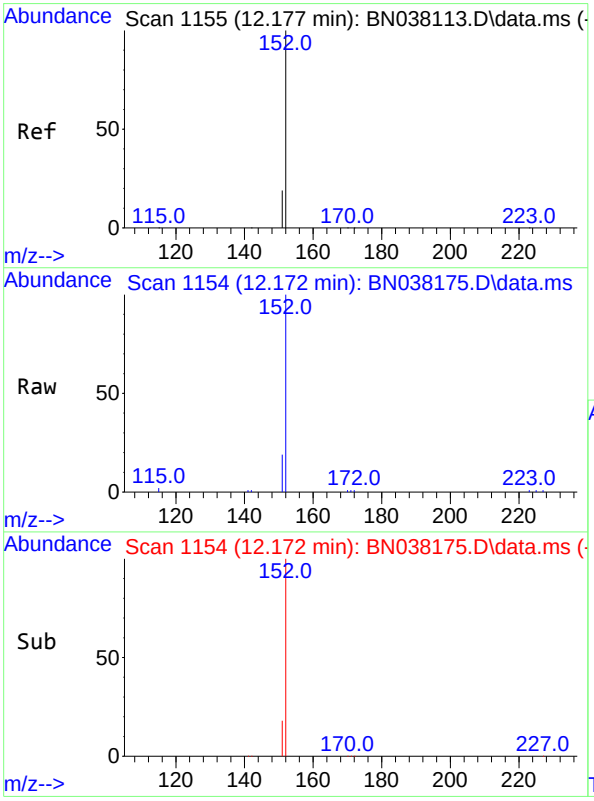
#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.929 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

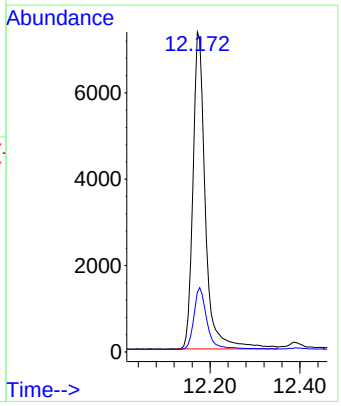


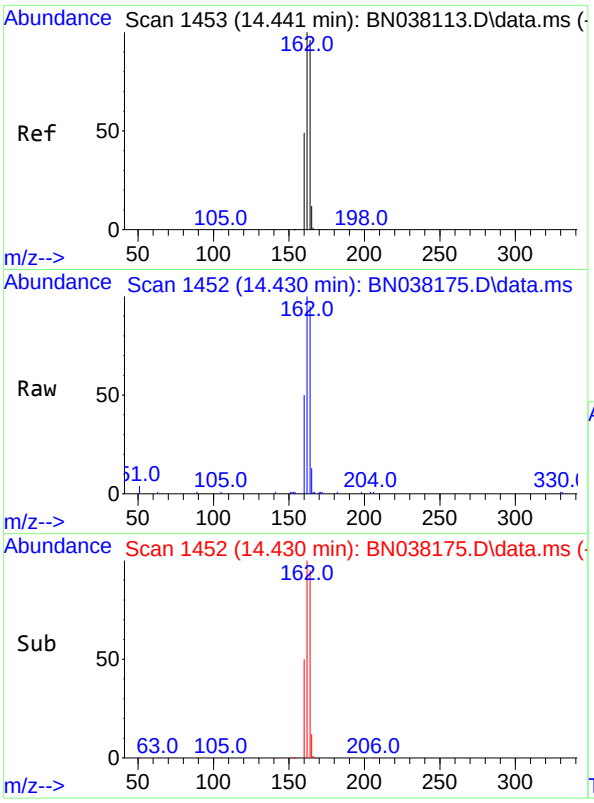


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

Tgt Ion:152 Resp: 14109

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2



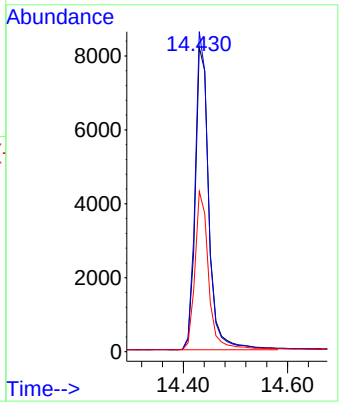


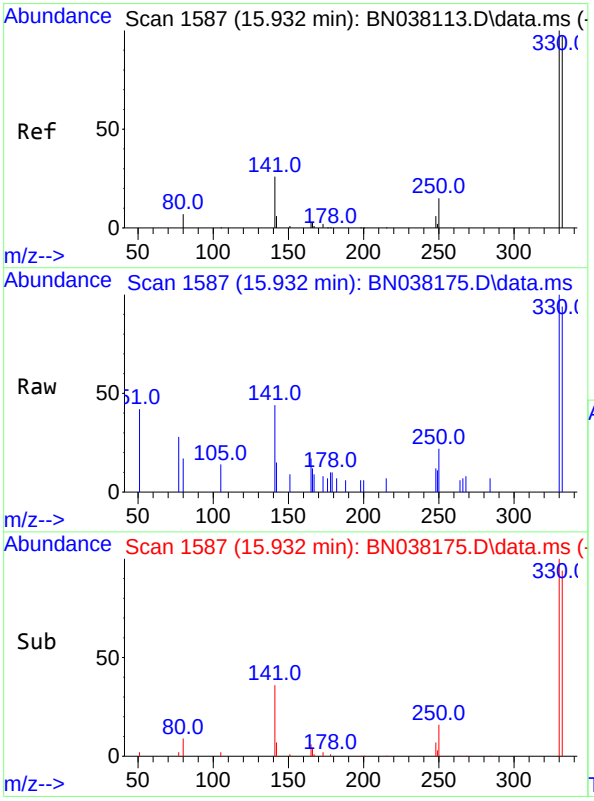
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

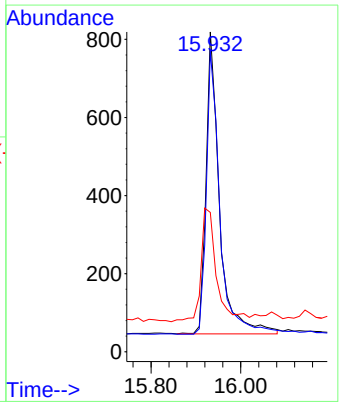


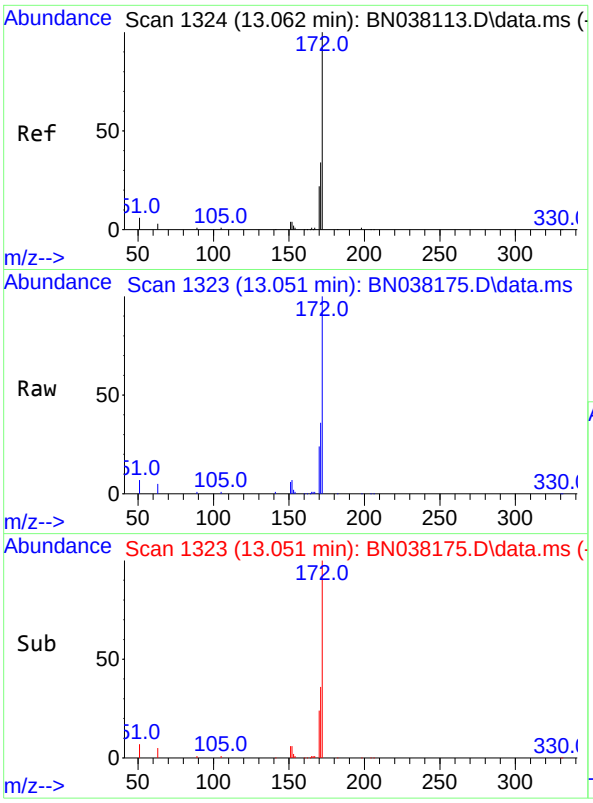


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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



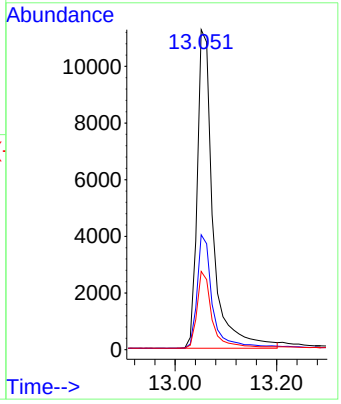


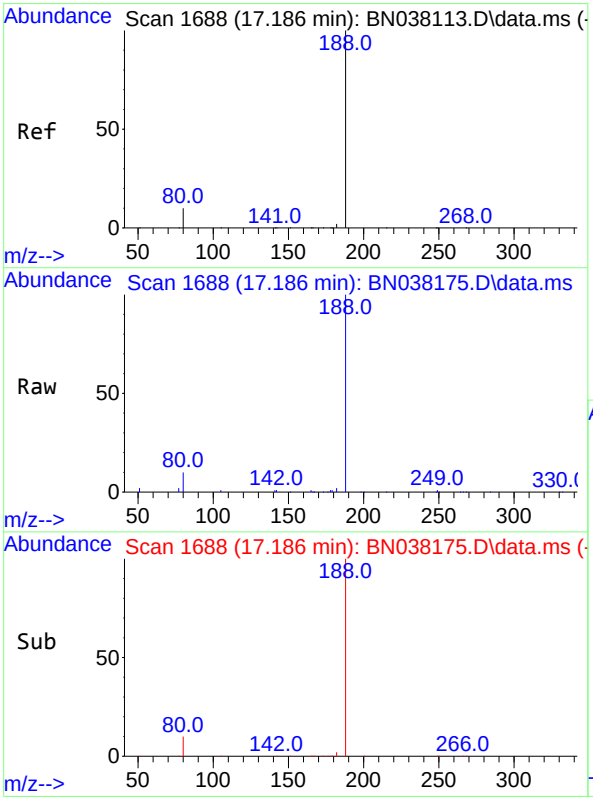
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

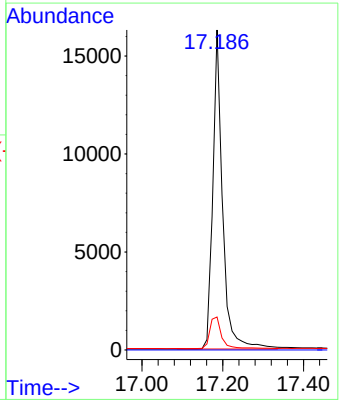


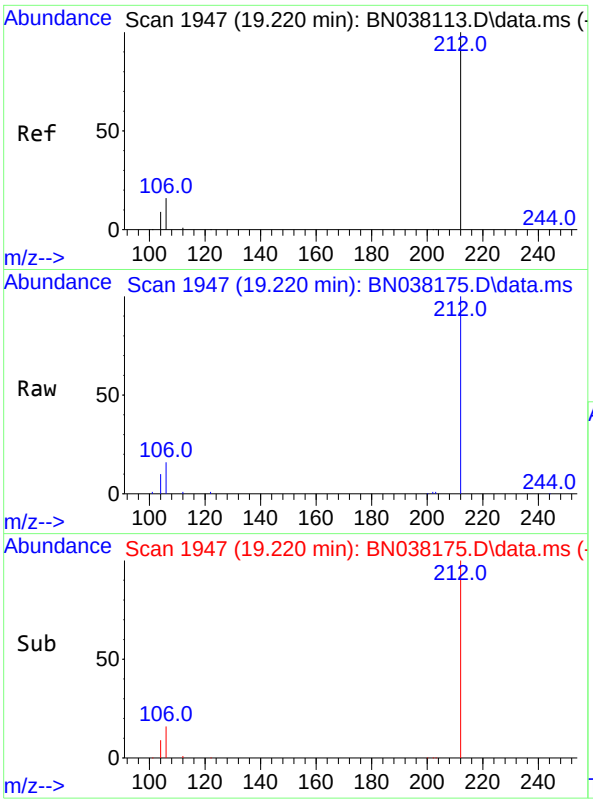


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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



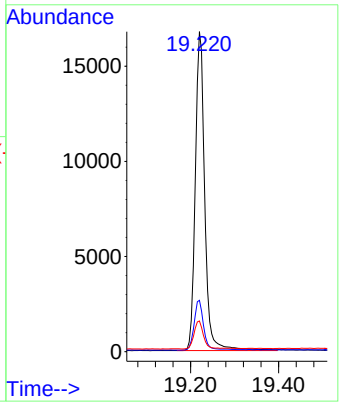


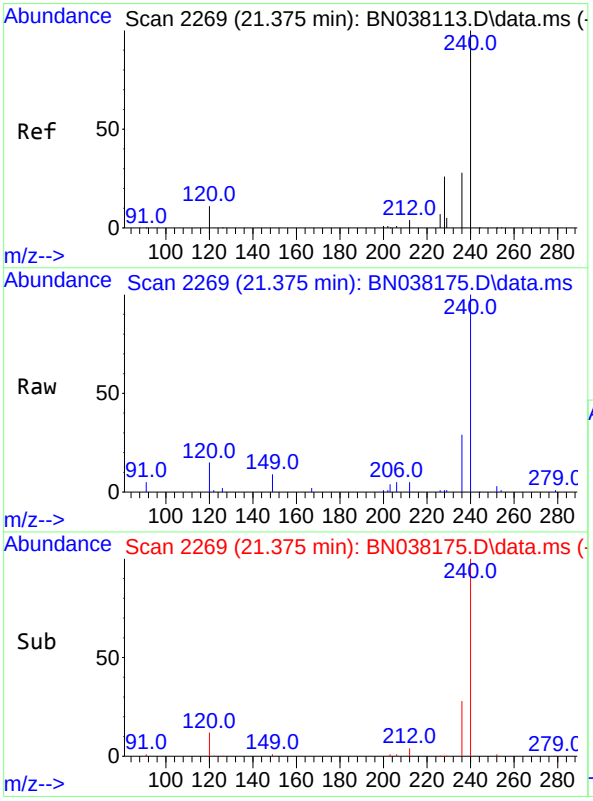
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

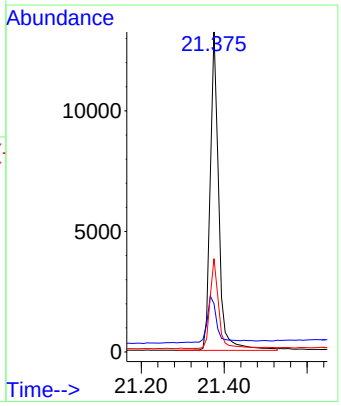


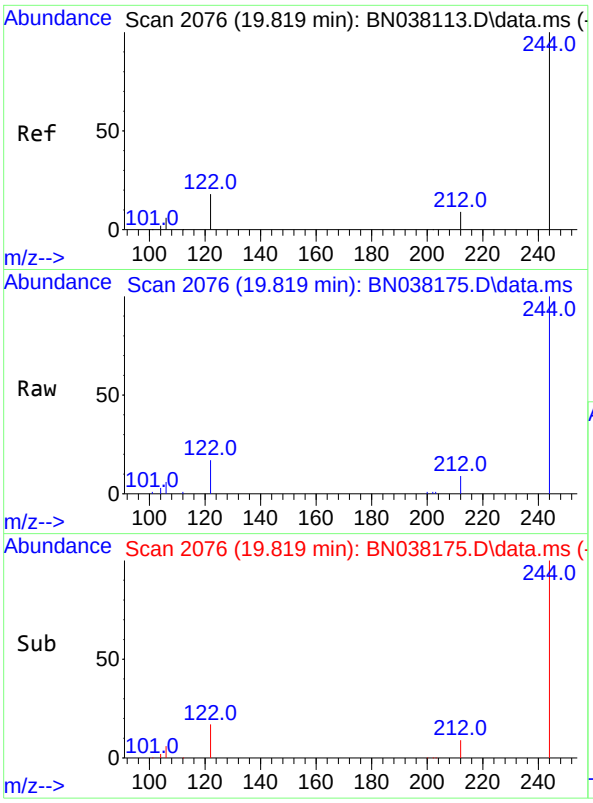


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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



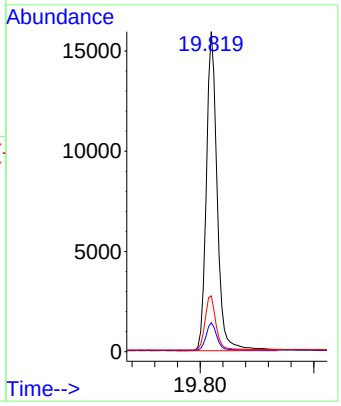


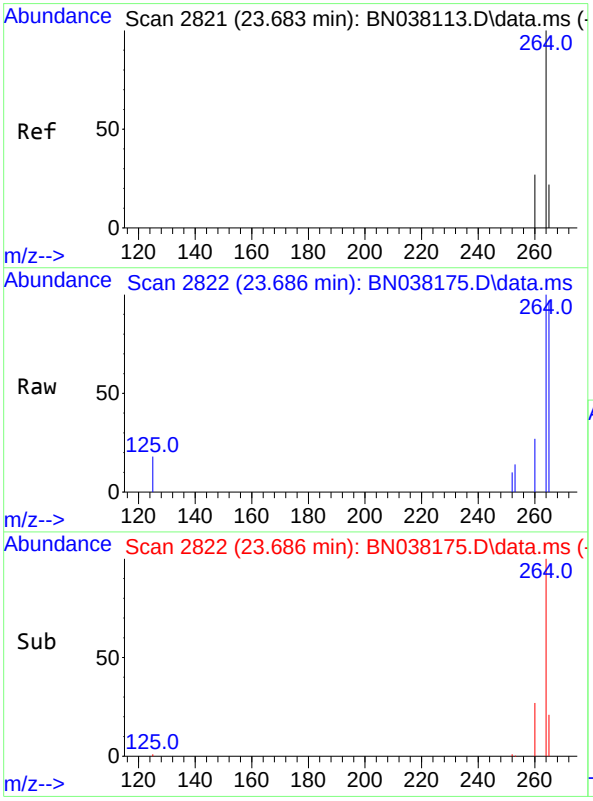
#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

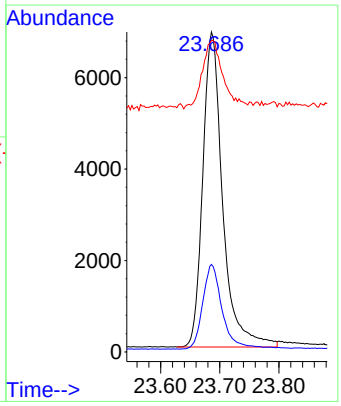




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038175.D
Acq: 10 Nov 2025 10:50

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

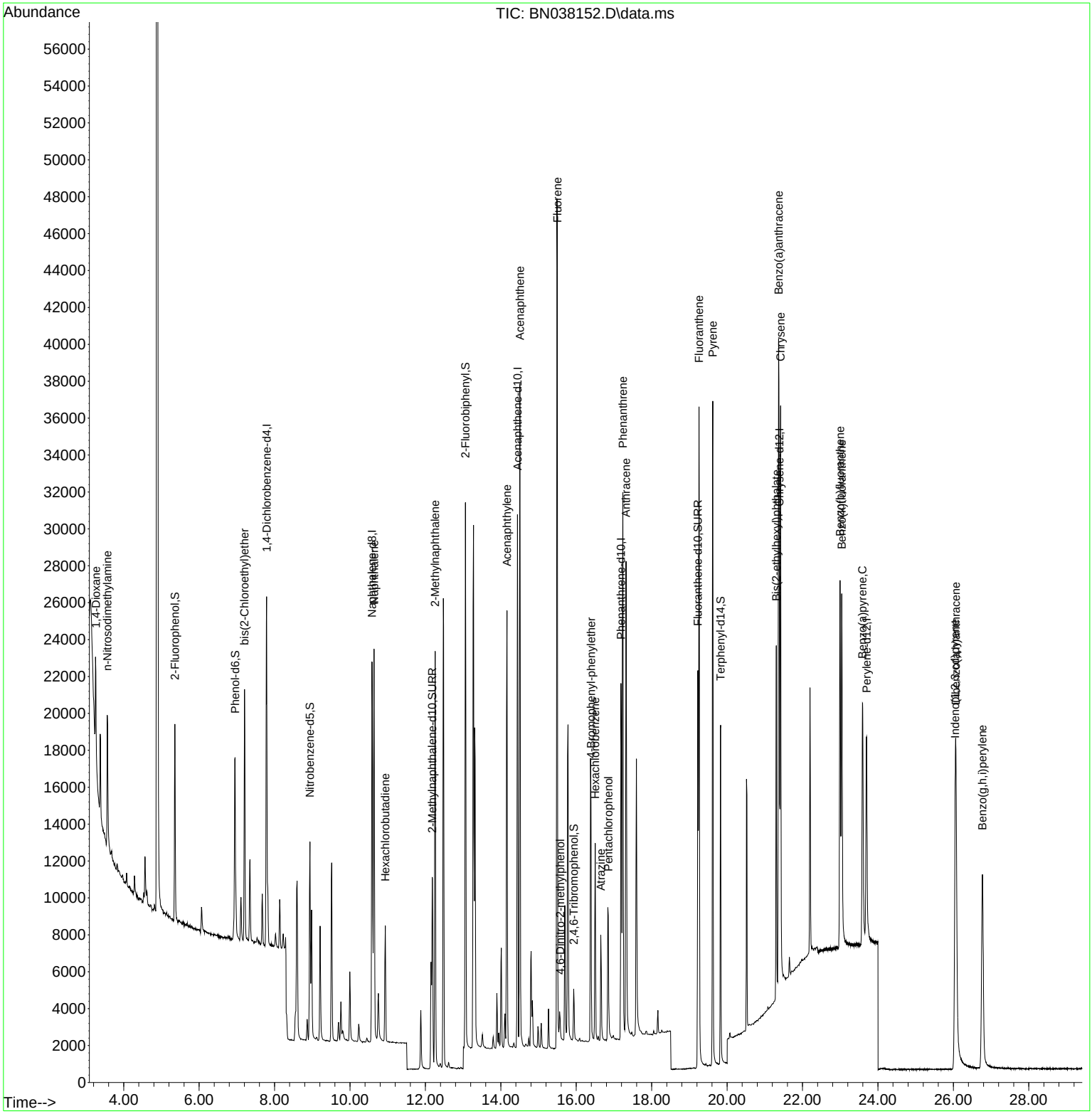
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	9551	0.400	ng		0.01
7) Naphthalene-d8	10.584	136	28713	0.400	ng	#	0.01
13) Acenaphthene-d10	14.441	164	15548	0.400	ng		0.01
19) Phenanthrene-d10	17.186	188	28280	0.400	ng	#	0.00
29) Chrysene-d12	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

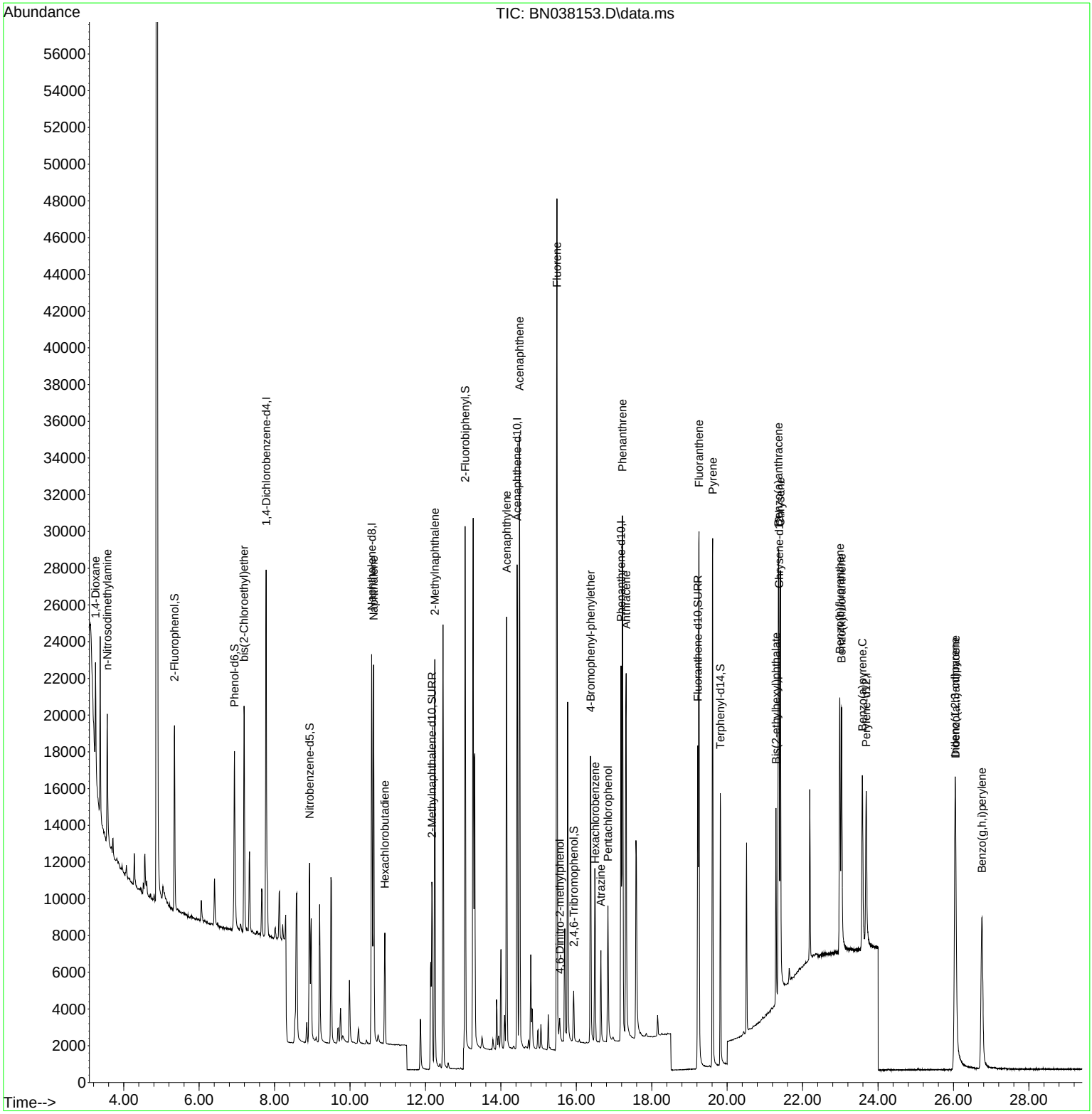
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10026	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28983	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15515	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27421	0.400	ng	0.00
29) Chrysene-d12	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



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

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

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

Manual Integration Report

Sequence:	BN110725	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3552-03	BN038154.D	2-Methylnaphthalene-d10	rahul	11/10/2025 8:45:50 AM	Jagrut	11/10/2025 12:19:50 PM	Peak Integrated by Software
Q3552-03	BN038154.D	Phenanthrene	rahul	11/10/2025 8:45:50 AM	Jagrut	11/10/2025 12:19:50 PM	Peak Integrated by Software
Q3552-05	BN038156.D	Phenanthrene	rahul	11/10/2025 8:45:53 AM	Jagrut	11/10/2025 12:19:52 PM	Peak Integrated by Software
Q3552-01	BN038161.D	Anthracene	rahul	11/10/2025 8:45:57 AM	Jagrut	11/10/2025 12:19:54 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
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

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

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

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

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)

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LAB CHRONICLE

OrderID:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-01DL	**MW-4DL**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3552-02	**MW-8**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-02DL	**MW-8DL**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3552-03	**MW-9**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-03DL	**MW-9DL**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	
Q3552-04	**MW-10**	**Water**			**11/05/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-05	**MW-3**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/07/25	
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-05DL	**MW-3DL**	**Water**			**11/04/25**			**11/05/25**
			SVOC-SIMGroup1	8270-Modified		11/06/25	11/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-4									
Q3552-01	MW-4	WATER	2-Methylnaphthalene		3.500	J	0.56	5	ug/L
Q3552-01	MW-4	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.6	5	ug/L
Q3552-01	MW-4	WATER	1,4-Dioxane		75.800		1	5	ug/L
			Total Svoc :		**82.30**				
Q3552-01	MW-4	WATER	(Bicyclohexyl)-2-amine	*	22.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	2(3H)-Benzothiazolone	*	35.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	27.300	J	0	0	ug/L
Q3552-01	MW-4	WATER	Benzenesulfonamide, N-ethyl-4-m	*	11.900	J	0	0	ug/L
Q3552-01	MW-4	WATER	Benzoic acid, p-tert-butyl-	*	15.500	J	0	0	ug/L
Q3552-01	MW-4	WATER	Cyclohexanamine, N-cyclohexyl-	*	14.300	J	0	0	ug/L
Q3552-01	MW-4	WATER	Diethyltoluamide	*	16.600	J	0	0	ug/L
Q3552-01	MW-4	WATER	Ibuprofen	*	11.800	J	0	0	ug/L
Q3552-01	MW-4	WATER	Morpholine, 4-acetyl-	*	11.000	J	0	0	ug/L
Q3552-01	MW-4	WATER	Phenol, 4,4-(1-methylethylidene)b	*	15.800	J	0	0	ug/L
Q3552-01	MW-4	WATER	Phenol, p-tert-butyl-	*	13.400	J	0	0	ug/L
Q3552-01	MW-4	WATER	Thiophene, tetrahydro-	*	24.000	J	0	0	ug/L
Q3552-01	MW-4	WATER	1-Methylnaphthalene	*	2.600	J	0.66	5	ug/L
			Total Tics :		**222.20**				
			Total Concentration:		**304.50**				
Client ID : MW-8									
Q3552-02	MW-8	WATER	Phenol		5.200		0.91	5	ug/L
Q3552-02	MW-8	WATER	3+4-Methylphenols		28.300		1.1	10	ug/L
Q3552-02	MW-8	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
Q3552-02	MW-8	WATER	1,4-Dioxane		10.600		1	5	ug/L
			Total Svoc :		**46.90**				
Q3552-02	MW-8	WATER	(E)-Hexadec-9-enoic acid	*	2.500	J	0	0	ug/L
Q3552-02	MW-8	WATER	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.800	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzeneacetic acid	*	3.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzoic acid, p-tert-butyl-	*	3.000	J	0	0	ug/L
Q3552-02	MW-8	WATER	Benzophenone	*	4.600	J	0	0	ug/L
Q3552-02	MW-8	WATER	Butanoic acid, 3-methyl-	*	3.100	J	0	0	ug/L
Q3552-02	MW-8	WATER	cis-Vaccenic acid	*	2.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Fumaric acid, 2-chloropropyl tride	*	5.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	n-Hexadecanoic acid	*	16.300	J	0	0	ug/L
Q3552-02	MW-8	WATER	Octadecanoic acid	*	3.500	J	0	0	ug/L
Q3552-02	MW-8	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	21.400	J	0	0	ug/L
Q3552-02	MW-8	WATER	Supraene	*	6.400	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :			**74.80**			
			Total Concentration:			**121.70**			
Client ID :	**MW-9**								
Q3552-03	MW-9	WATER	1,4-Dioxane		25.600		1	5	ug/L
			Total Svoc :			**25.60**			
Q3552-03	MW-9	WATER	2(3H)-Benzothiazolone	*	18.000	J	0	0	ug/L
Q3552-03	MW-9	WATER	2-Ethoxy-4-methylphenol	*	23.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	35.500	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzenesulfonamide, N-butyl-	*	25.800	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzenesulfonamide, N-ethyl-4-m	*	9.700	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzoic acid, 3,5-bis(1,1-dimethy	*	4.900	J	0	0	ug/L
Q3552-03	MW-9	WATER	Benzoic acid, p-tert-butyl-	*	5.700	J	0	0	ug/L
Q3552-03	MW-9	WATER	Diethyltoluamide	*	14.900	J	0	0	ug/L
Q3552-03	MW-9	WATER	Ethanol, 2-butoxy-, phosphate (3:	*	6.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	Hexanoic acid, 3,5,5-trimethyl-	*	20.400	J	0	0	ug/L
Q3552-03	MW-9	WATER	Ibuprofen	*	77.100	J	0	0	ug/L
Q3552-03	MW-9	WATER	n-Hexadecanoic acid	*	11.300	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, 2-ethoxy-	*	73.800	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, 4,4-(1-methylethylidene)b	*	7.200	J	0	0	ug/L
Q3552-03	MW-9	WATER	Phenol, p-tert-butyl-	*	5.100	J	0	0	ug/L
			Total Tics :			**339.20**			
			Total Concentration:			**364.80**			
Client ID :	**MW-10**								
Q3552-04	MW-10	WATER	Bis(2-ethylhexyl)phthalate		2.700	J	1.6	5	ug/L
			Total Svoc :			**2.70**			
Q3552-04	MW-10	WATER	n-Hexadecanoic acid	*	6.800	J	0	0	ug/L
Q3552-04	MW-10	WATER	Supraene	*	2.200	J	0	0	ug/L
Q3552-04	MW-10	WATER	1-Heneicosanol	*	2.600	J	0	0	ug/L
Q3552-04	MW-10	WATER	Benzophenone	*	3.200	J	0	0	ug/L
			Total Tics :			**14.80**			
			Total Concentration:			**17.50**			
Client ID :	**MW-3**								
Q3552-05	MW-3	WATER	1,4-Dioxane		15.700		1.1	5.3	ug/L
			Total Svoc :			**15.70**			
Q3552-05	MW-3	WATER	2(3H)-Benzothiazolone	*	16.800	J	0	0	ug/L
Q3552-05	MW-3	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	6.200	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzene, 4-(ethylsulfonyl)-1-meth	*	6.500	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzoic acid, p-tert-butyl-	*	18.200	J	0	0	ug/L
Q3552-05	MW-3	WATER	Benzophenone	*	4.800	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3552

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q3552-05	MW-3	WATER	Diethyltoluamide	*	4.000	J	0	0	ug/L
Q3552-05	MW-3	WATER	Diphenyl ether	*	5.200	J	0	0	ug/L
Q3552-05	MW-3	WATER	Hexanoic acid, 3,5,5-trimethyl-	*	6.300	J	0	0	ug/L
Q3552-05	MW-3	WATER	n-Hexadecanoic acid	*	7.500	J	0	0	ug/L
Q3552-05	MW-3	WATER	Phenol, 4,4-(1-methylethylidene)b	*	89.800	J	0	0	ug/L
			Total Tics :				**165.30**		
			Total Concentration:				**181.00**		

SAMPLE DATA

Raw Data: **BP026086.D**

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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:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	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 21:11	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 21:11	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 21:11	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:11	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:11	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:11	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 21:11	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:11	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 21:11	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 21:11	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 21:11	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:11	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 21:11	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:11	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:11	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 21:11	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 21:11	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:11	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:11	PB170424
91-57-6	2-Methylnaphthalene	3.50	J	1	0.56	5.00	ug/L	11/06/25 21:11	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 21:11	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 21:11	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 21:11	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 21:11	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:11	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:11	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 21:11	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:11	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:11	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 21:11	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 21:11	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:11	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:11	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:11	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 21:11	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 21:11	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 21:11	PB170424

Raw Data: **BP026086.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	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 21:11	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 21:11	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 21:11	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 21:11	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:11	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:11	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:11	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 21:11	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:11	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:11	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 21:11	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 21:11	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 21:11	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.00	ug/L	11/06/25 21:11	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 21:11	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 21:11	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 21:11	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:11	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:11	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 21:11	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:11	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:11	PB170424
123-91-1	1,4-Dioxane	75.8		1	1.00	5.00	ug/L	11/06/25 21:11	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:11	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	69.7			15 (23) - 110 (138)	46%	SPK: 150		
13127-88-3	Phenol-d6	61.6			15 (10) - 110 (134)	41%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.9			30 (67) - 130 (132)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.1			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	161			15 (44) - 110 (137)	107%	SPK: 150		
1718-51-0	Terphenyl-d14	81.1			30 (42) - 130 (152)	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	263000							
1146-65-2	Naphthalene-d8	1060000							
15067-26-2	Acenaphthene-d10	711000							
1517-22-2	Phenanthrene-d10	1580000							
1719-03-5	Chrysene-d12	1760000							
1520-96-3	Perylene-d12	2010000							
TENTATIVE IDENTIFIED COMPOUNDS									
000110-01-0	Thiophene, tetrahydro-	24.0	J			4.48	ug/L		
001696-20-4	Morpholine, 4-acetyl-	11.0	J			10.4	ug/L		

Raw Data: **BP026086.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:	11/05/25
Client Sample ID:	MW-4			SDG No.:	Q3552
Lab Sample ID:	Q3552-01			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
000098-54-4	Phenol, p-tert-butyl-	13.4	J			11.8	ug/L		
90-12-0	1-Methylnaphthalene	2.60	J			12.3	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	14.3	J			13.6	ug/L		
006283-14-3	(Bicyclohexyl)-2-amine	22.5	J			13.7	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	15.5	J			14.1	ug/L		
000134-62-3	Diethyltoluamide	16.6	J			15.1	ug/L		
015687-27-1	Ibuprofen	11.8	J			15.4	ug/L		
000934-34-9	2(3H)-Benzothiazolone	35.5	J			16.0	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	11.9	J			16.4	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	27.3	J			18.3	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	15.8	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: **BP026087.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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 21:52	PB170424
108-95-2	Phenol	5.20		1	0.91	5.00	ug/L	11/06/25 21:52	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 21:52	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 21:52	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:52	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:52	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 21:52	PB170424
65794-96-9	3+4-Methylphenols	28.3		1	1.10	10.0	ug/L	11/06/25 21:52	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 21:52	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 21:52	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 21:52	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:52	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 21:52	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:52	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:52	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 21:52	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 21:52	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 21:52	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:52	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 21:52	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 21:52	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 21:52	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 21:52	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 21:52	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 21:52	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 21:52	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 21:52	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 21:52	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:52	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 21:52	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 21:52	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:52	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:52	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 21:52	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 21:52	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 21:52	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 21:52	PB170424

Raw Data: **BP026087.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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 21:52	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 21:52	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 21:52	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 21:52	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 21:52	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:52	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 21:52	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 21:52	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 21:52	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 21:52	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 21:52	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 21:52	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 21:52	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/06/25 21:52	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 21:52	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 21:52	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 21:52	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 21:52	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 21:52	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 21:52	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 21:52	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 21:52	PB170424
123-91-1	1,4-Dioxane	10.6		1	1.00	5.00	ug/L	11/06/25 21:52	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 21:52	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	90.6			15 (23) - 110 (138)	60%	SPK: 150		
13127-88-3	Phenol-d6	74.4			15 (10) - 110 (134)	50%	SPK: 150		
4165-60-0	Nitrobenzene-d5	102			30 (67) - 130 (132)	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.9			30 (52) - 130 (132)	88%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	175	*		15 (44) - 110 (137)	117%	SPK: 150		
1718-51-0	Terphenyl-d14	88.9			30 (42) - 130 (152)	89%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	313000							
1146-65-2	Naphthalene-d8	1220000							
15067-26-2	Acenaphthene-d10	747000							
1517-22-2	Phenanthrene-d10	1490000							
1719-03-5	Chrysene-d12	1680000							
1520-96-3	Perylene-d12	2020000							
TENTATIVE IDENTIFIED COMPOUNDS									
000503-74-2	Butanoic acid, 3-methyl-	3.10	J			4.60	ug/L		
000103-82-2	Benzeneacetic acid	3.40	J			11.0	ug/L		

Raw Data: **BP026087.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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
000098-73-7	Benzoic acid, p-tert-butyl-	3.00	J			14.1	ug/L		
000119-61-9	Benzophenone	4.60	J			15.7	ug/L		
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.80	J			17.8	ug/L		
010030-73-6	(E)-Hexadec-9-enoic acid	2.50	J			17.9	ug/L		
000057-10-3	n-Hexadecanoic acid	16.3	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	21.4	J			18.3	ug/L		
000506-17-2	cis-Vaccenic acid	2.40	J			19.3	ug/L		
000057-11-4	Octadecanoic acid	3.50	J			19.4	ug/L		
1010348-57-1	Fumaric acid, 2-chloropropyl tride	5.40	J			21.3	ug/L		
007683-64-9	Supraene	6.40	J			23.4	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: **BF144193.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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 17:53	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 17:53	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 17:53	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 17:53	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:53	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:53	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 17:53	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:53	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 17:53	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 17:53	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 17:53	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:53	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 17:53	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:53	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:53	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 17:53	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 17:53	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 17:53	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:53	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 17:53	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 17:53	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 17:53	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 17:53	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 17:53	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 17:53	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 17:53	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 17:53	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 17:53	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:53	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 17:53	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 17:53	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:53	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:53	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 17:53	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 17:53	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 17:53	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 17:53	PB170424

Raw Data: **BF144193.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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 17:53	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 17:53	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 17:53	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 17:53	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 17:53	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:53	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 17:53	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 17:53	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 17:53	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 17:53	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 17:53	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 17:53	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 17:53	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/06/25 17:53	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 17:53	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 17:53	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 17:53	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 17:53	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 17:53	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 17:53	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 17:53	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 17:53	PB170424
123-91-1	1,4-Dioxane	25.6		1	1.00	5.00	ug/L	11/06/25 17:53	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 17:53	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	73.3			15 (23) - 110 (138)	49%	SPK: 150		
13127-88-3	Phenol-d6	48.7			15 (10) - 110 (134)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.0			30 (67) - 130 (132)	92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	92.4			30 (52) - 130 (132)	92%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	125			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	65.7			30 (42) - 130 (152)	66%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61100							
1146-65-2	Naphthalene-d8	222000							
15067-26-2	Acenaphthene-d10	112000							
1517-22-2	Phenanthrene-d10	176000							
1719-03-5	Chrysene-d12	162000							
1520-96-3	Perylene-d12	217000							
TENTATIVE IDENTIFIED COMPOUNDS									
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	20.4	J			7.70	ug/L		
000094-71-3	Phenol, 2-ethoxy-	73.8	J			7.84	ug/L		

Raw Data: **BF144193.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:	11/05/25
Client Sample ID:	MW-9			SDG No.:	Q3552
Lab Sample ID:	Q3552-03			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
002563-07-7	2-Ethoxy-4-methylphenol	23.4	J			8.49	ug/L		
000098-54-4	Phenol, p-tert-butyl-	5.10	J			8.72	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	5.70	J			9.83	ug/L		
000134-62-3	Diethyltoluamide	14.9	J			10.3	ug/L		
015687-27-1	Ibuprofen	77.1	J			10.5	ug/L		
000934-34-9	2(3H)-Benzothiazolone	18.0	J			10.8	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	9.70	J			11.0	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	25.8	J			11.3	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	4.90	J			11.7	ug/L		
000057-10-3	n-Hexadecanoic acid	11.3	J			11.9	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	35.5	J			12.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	7.20	J			12.9	ug/L		
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	6.40	J			13.6	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: **BP026088.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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 22:33	PB170424
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/06/25 22:33	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/06/25 22:33	PB170424
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/06/25 22:33	PB170424
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/06/25 22:33	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/06/25 22:33	PB170424
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/06/25 22:33	PB170424
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/06/25 22:33	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/06/25 22:33	PB170424
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/06/25 22:33	PB170424
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/06/25 22:33	PB170424
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/06/25 22:33	PB170424
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/06/25 22:33	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/06/25 22:33	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/06/25 22:33	PB170424
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/06/25 22:33	PB170424
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/06/25 22:33	PB170424
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/06/25 22:33	PB170424
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/06/25 22:33	PB170424
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/06/25 22:33	PB170424
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/06/25 22:33	PB170424
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/06/25 22:33	PB170424
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/06/25 22:33	PB170424
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/06/25 22:33	PB170424
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/06/25 22:33	PB170424
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/06/25 22:33	PB170424
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/06/25 22:33	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/06/25 22:33	PB170424
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/06/25 22:33	PB170424
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/06/25 22:33	PB170424
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/06/25 22:33	PB170424
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/06/25 22:33	PB170424
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/06/25 22:33	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/06/25 22:33	PB170424
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/06/25 22:33	PB170424
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/06/25 22:33	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/06/25 22:33	PB170424

Raw Data: **BP026088.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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 22:33	PB170424
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/06/25 22:33	PB170424
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/06/25 22:33	PB170424
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/06/25 22:33	PB170424
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/06/25 22:33	PB170424
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/06/25 22:33	PB170424
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/06/25 22:33	PB170424
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/06/25 22:33	PB170424
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/06/25 22:33	PB170424
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/06/25 22:33	PB170424
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/06/25 22:33	PB170424
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/06/25 22:33	PB170424
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/06/25 22:33	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	2.70	J	1	1.60	5.00	ug/L	11/06/25 22:33	PB170424
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/06/25 22:33	PB170424
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/06/25 22:33	PB170424
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/06/25 22:33	PB170424
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/06/25 22:33	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/06/25 22:33	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/06/25 22:33	PB170424
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/06/25 22:33	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/06/25 22:33	PB170424
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/06/25 22:33	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/06/25 22:33	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	78.2			15 (23) - 110 (138)	52%	SPK: 150		
13127-88-3	Phenol-d6	62.2			15 (10) - 110 (134)	41%	SPK: 150		
4165-60-0	Nitrobenzene-d5	103			30 (67) - 130 (132)	103%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.2			30 (52) - 130 (132)	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	202	*		15 (44) - 110 (137)	135%	SPK: 150		
1718-51-0	Terphenyl-d14	95.2			30 (42) - 130 (152)	95%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	221000							
1146-65-2	Naphthalene-d8	865000							
15067-26-2	Acenaphthene-d10	581000							
1517-22-2	Phenanthrene-d10	1390000							
1719-03-5	Chrysene-d12	1680000							
1520-96-3	Perylene-d12	1910000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	3.20	J			15.7	ug/L		
000057-10-3	n-Hexadecanoic acid	6.80	J			18.1	ug/L		

Raw Data: **BP026088.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:	11/05/25
Project:	Edison Landfill			Date Received:	11/05/25
Client Sample ID:	MW-10			SDG No.:	Q3552
Lab Sample ID:	Q3552-04			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
015594-90-8	1-Heneicosanol	2.60	J			21.3	ug/L		
007683-64-9	Supraene	2.20	J			23.4	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: **BF144194.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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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 18:23	PB170424
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/06/25 18:23	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/06/25 18:23	PB170424
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 18:23	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 18:23	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/06/25 18:23	PB170424
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/06/25 18:23	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/06/25 18:23	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/06/25 18:23	PB170424
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/06/25 18:23	PB170424
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/06/25 18:23	PB170424
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/06/25 18:23	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 18:23	PB170424
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/06/25 18:23	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 18:23	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/06/25 18:23	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 18:23	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/06/25 18:23	PB170424
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/06/25 18:23	PB170424
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/06/25 18:23	PB170424
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/06/25 18:23	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 18:23	PB170424
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/06/25 18:23	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 18:23	PB170424
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/06/25 18:23	PB170424
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/06/25 18:23	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/06/25 18:23	PB170424
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/06/25 18:23	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/06/25 18:23	PB170424
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 18:23	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 18:23	PB170424
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/06/25 18:23	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 18:23	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/06/25 18:23	PB170424

Raw Data: **BF144194.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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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 18:23	PB170424
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/06/25 18:23	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/06/25 18:23	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/06/25 18:23	PB170424
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/06/25 18:23	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 18:23	PB170424
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/06/25 18:23	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 18:23	PB170424
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/06/25 18:23	PB170424
91-94-1	3,3-Dichlorobenzidine	0.99	U	1	0.99	10.6	ug/L	11/06/25 18:23	PB170424
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/06/25 18:23	PB170424
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/06/25 18:23	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 18:23	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/06/25 18:23	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 18:23	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 18:23	PB170424
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/06/25 18:23	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/06/25 18:23	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 18:23	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 18:23	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 18:23	PB170424
123-91-1	1,4-Dioxane	15.7		1	1.10	5.30	ug/L	11/06/25 18:23	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/06/25 18:23	PB170424
SURROGATES									
367-12-4	2-Fluorophenol	73.9			15 (23) - 110 (138)	49%	SPK: 150		
13127-88-3	Phenol-d6	48.8			15 (10) - 110 (134)	33%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.8			30 (67) - 130 (132)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	98.1			30 (52) - 130 (132)	98%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	130			15 (44) - 110 (137)	87%	SPK: 150		
1718-51-0	Terphenyl-d14	67.3			30 (42) - 130 (152)	67%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58200							
1146-65-2	Naphthalene-d8	209000							
15067-26-2	Acenaphthene-d10	105000							
1517-22-2	Phenanthrene-d10	160000							
1719-03-5	Chrysene-d12	155000							
1520-96-3	Perylene-d12	205000							
TENTATIVE IDENTIFIED COMPOUNDS									
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	6.30	J			7.68	ug/L		
000101-84-8	Diphenyl ether	5.20	J			9.43	ug/L		

Raw Data: **BF144194.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:	11/05/25
Client Sample ID:	MW-3			SDG No.:	Q3552
Lab Sample ID:	Q3552-05			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
000098-73-7	Benzoic acid, p-tert-butyl-	18.2	J			9.83	ug/L		
000134-62-3	Diethyltoluamide	4.00	J			10.3	ug/L		
000119-61-9	Benzophenone	4.80	J			10.6	ug/L		
000934-34-9	2(3H)-Benzothiazolone	16.8	J			10.8	ug/L		
007569-34-8	Benzene, 4-(ethylsulfonyl)-1-methy	6.50	J			11.0	ug/L		
000057-10-3	n-Hexadecanoic acid	7.50	J			11.9	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	6.20	J			12.1	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	89.8	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

QC SUMMARY

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

SW-846

SDG No.: Q3552

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)
Q3552-01	MW-4	2-Fluorophenol	150	69.7	46		15 (23)	110 (138)
		Phenol-d6	150	61.6	41		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.9	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.1	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	107		15 (44)	110 (137)
		Terphenyl-d14	100	81.1	81		30 (42)	130 (152)
Q3552-02	MW-8	2-Fluorophenol	150	90.6	60		15 (23)	110 (138)
		Phenol-d6	150	74.4	50		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.9	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	175	117	*	15 (44)	110 (137)
		Terphenyl-d14	100	88.9	89		30 (42)	130 (152)
Q3552-03	MW-9	2-Fluorophenol	150	73.3	49		15 (23)	110 (138)
		Phenol-d6	150	48.7	32		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.4	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	65.7	66		30 (42)	130 (152)
Q3552-04	MW-10	2-Fluorophenol	150	78.2	52		15 (23)	110 (138)
		Phenol-d6	150	62.2	41		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	87.2	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	202	135	*	15 (44)	110 (137)
		Terphenyl-d14	100	95.2	95		30 (42)	130 (152)
Q3552-05	MW-3	2-Fluorophenol	150	73.9	49		15 (23)	110 (138)
		Phenol-d6	150	48.8	33		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.8	95		30 (67)	130 (132)
		2-Fluorobiphenyl	100	98.1	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	67.3	67		30 (42)	130 (152)

( ) = 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.: Q3552 **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.: Q3552 **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.: Q3552 **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.: Q3552 **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.: Q3552

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
MW-4	Q3552-01	BP026086.D	11/06/2025
MW-8	Q3552-02	BP026087.D	11/06/2025
MW-10	Q3552-04	BP026088.D	11/06/2025
MW-9	Q3552-03	BF144193.D	11/06/2025
MW-3	Q3552-05	BF144194.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.: Q3552

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.: Q3552

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-9	Q3552-03	BF144193.D	11/06/2025	17:53
MW-3	Q3552-05	BF144194.D	11/06/2025	18:23

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3552

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.: Q3552

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
MW-4	Q3552-01	BP026086.D	11/06/2025	21:11
MW-8	Q3552-02	BP026087.D	11/06/2025	21:52
MW-10	Q3552-04	BP026088.D	11/06/2025	22:33

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3552

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-9	61143	6.88	221818	8.16	112288	9.91
02	MW-3	58210	6.88	208798	8.16	105364	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.: Q3552

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-9	175620	11.40	162091	14.05	216815	15.54
02	MW-3	159603	11.40	155174	14.05	204734	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.

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3552

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	MW-8	313208	7.68	1217180	10.44	747328	14.31
02	MW-10	220839	7.68	864710	10.45	581288	14.31
03	PB170424BL	281412	7.66	1090240	10.44	699934	14.31
04	PB170424BS	267481	7.68	1101030	10.45	743151	14.32
05	PB170424BSD	300293	7.68	1260020	10.45	853804	14.33
06	MW-4	263143	7.68	1061170	10.45	711488	14.31

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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3552

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	MW-8	1494850	17.11	1682260	21.57	2021320	24.89
02	MW-10	1390890	17.12	1683440	21.57	1911690	24.89
03	PB170424BL	1528540	17.14	1747810	21.59	1979390	24.94
04	PB170424BS	1605700	17.14	1768370	21.59	1900240	24.92
05	PB170424BSD	1821990	17.13	1872000	21.57	1998600	24.90
06	MW-4	1575920	17.12	1759260	21.56	2005540	24.89

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.:	Q3552
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.:	Q3552
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,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170424BL			SDG No.:	Q3552
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**

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.:	Q3552
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.:	Q3552
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
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.:	Q3552
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.:	Q3552
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**

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.:	Q3552
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**

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.:	Q3552
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
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_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 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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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3552

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.: Q3552

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.: Q3552

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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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3552

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_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Time: Nov 07 01:03:19 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

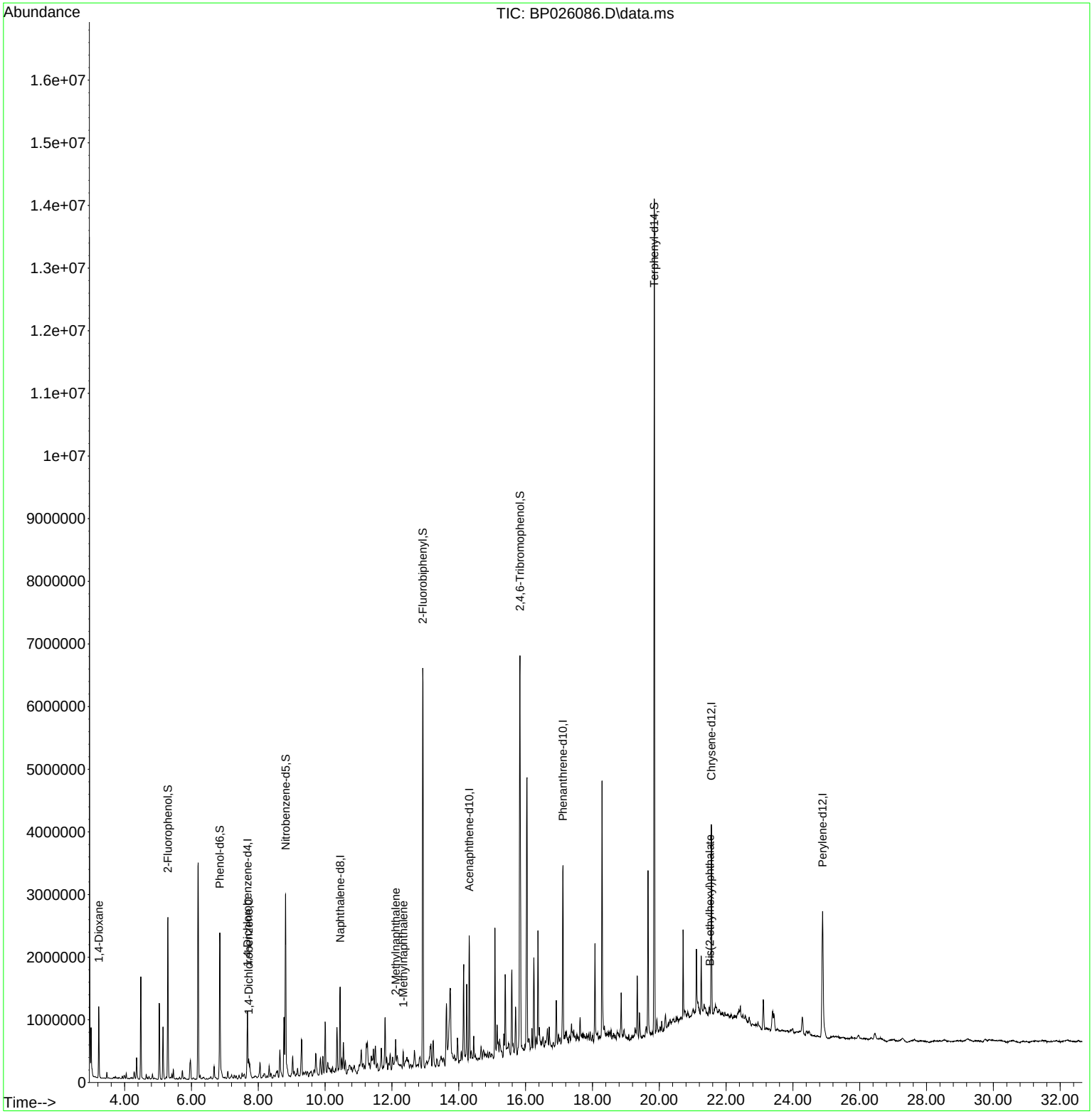
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	263143	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1061171	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	711488	20.000	ng		0.00
64) Phenanthrene-d10	17.118	188	1575922	20.000	ng		0.00
76) Chrysene-d12	21.559	240	1759255	20.000	ng		0.00
86) Perylene-d12	24.889	264	2005536	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1112229	69.745	ng		0.00
7) Phenol-d6	6.848	99	1250505	61.609	ng		0.00
23) Nitrobenzene-d5	8.819	82	1581683	92.918	ng		0.00
42) 2,4,6-Tribromophenol	15.830	330	1239774	161.180	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	3816364	77.075	ng		0.00
79) Terphenyl-d14	19.854	244	7024653	81.125	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	509351	75.765	ng		97
13) 1,4-Dichlorobenzene	7.713	146	132039	6.440	ng		98
37) 2-Methylnaphthalene	12.113	142	140160	3.461	ng		98
38) 1-Methylnaphthalene	12.336	142	103818	2.638	ng	#	99
84) Bis(2-ethylhexyl)phtha...	21.512	149	29404	2.989	ng	#	86

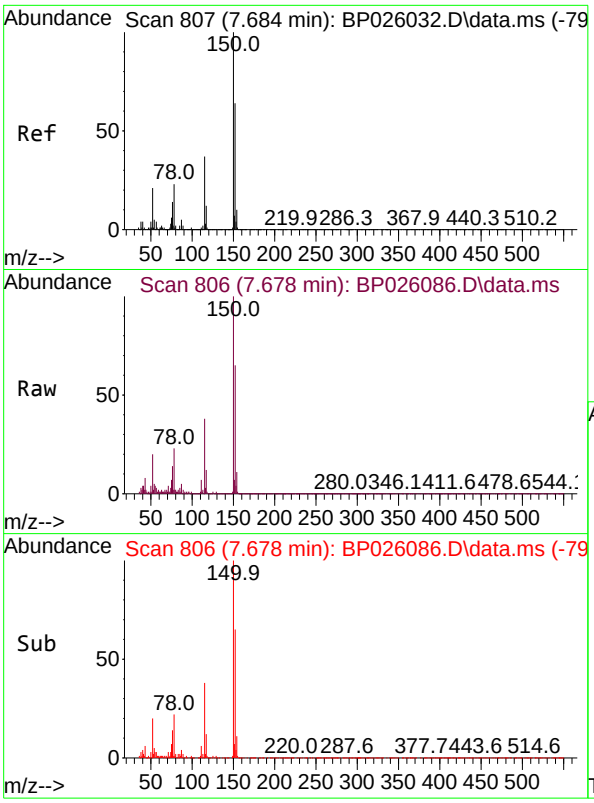
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Time: Nov 07 01:03:19 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



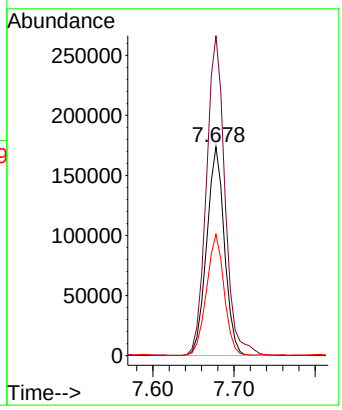


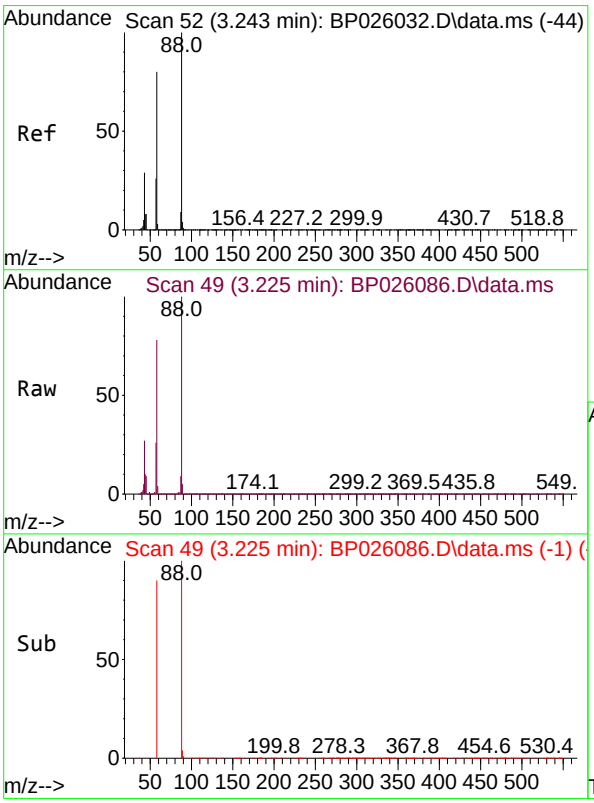
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 263143

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.7	188.5
115	58.1	46.4	69.6

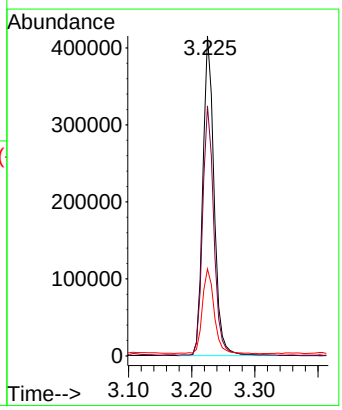


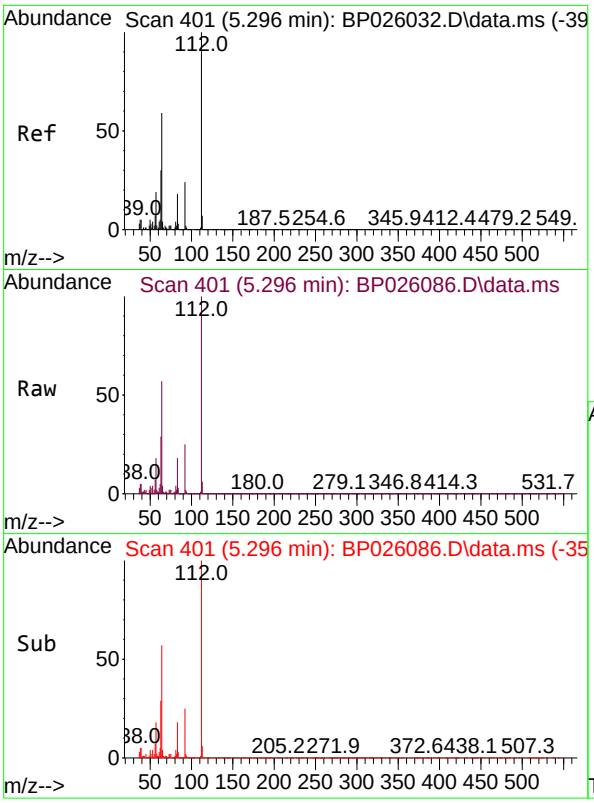


#2
1,4-Dioxane
Concen: 75.765 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 88 Resp: 509351

Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	28.1	23.1	34.7



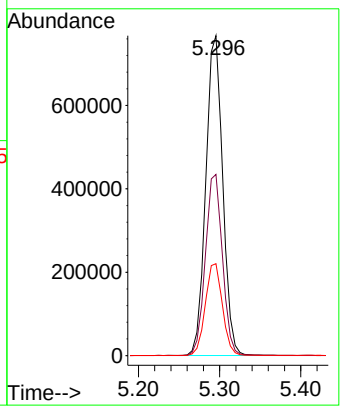


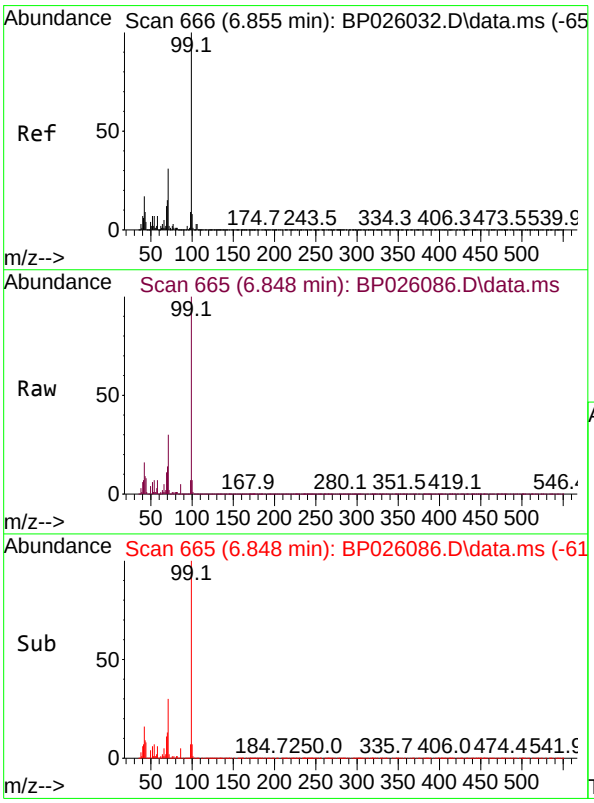
#5
2-Fluorophenol
Concen: 69.745 ng
RT: 5.296 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 1112229

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.2
63	28.7	24.2	36.4

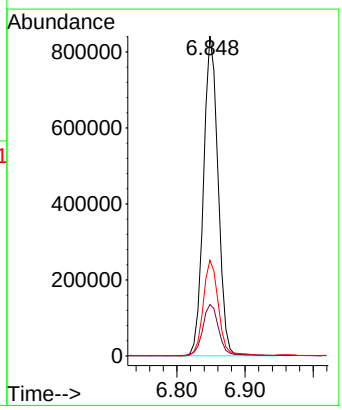


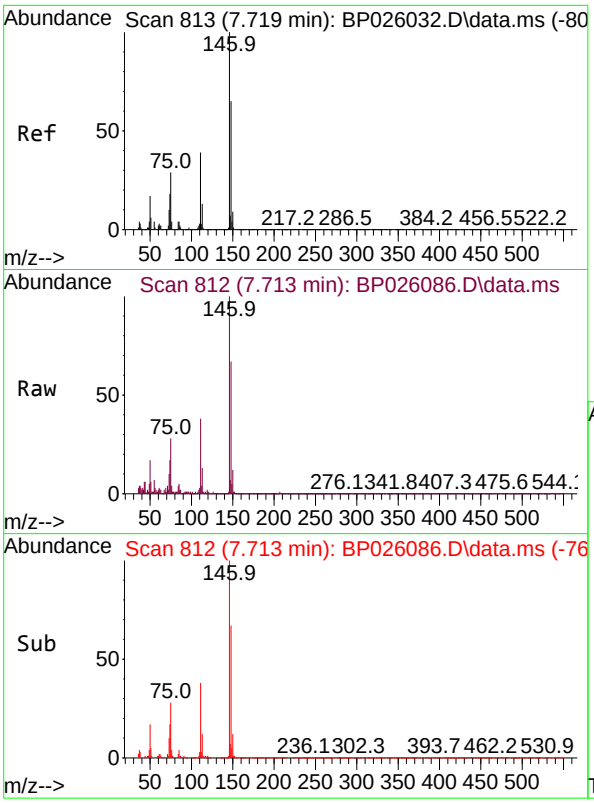


#7
Phenol-d6
Concen: 61.609 ng
RT: 6.848 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 99 Resp: 1250505

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	29.9	24.4	36.6



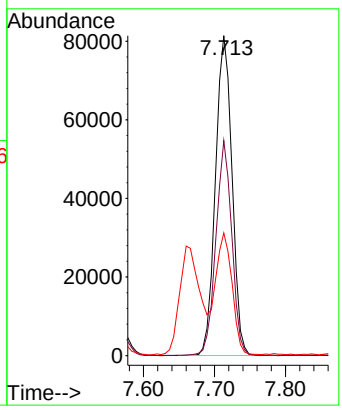


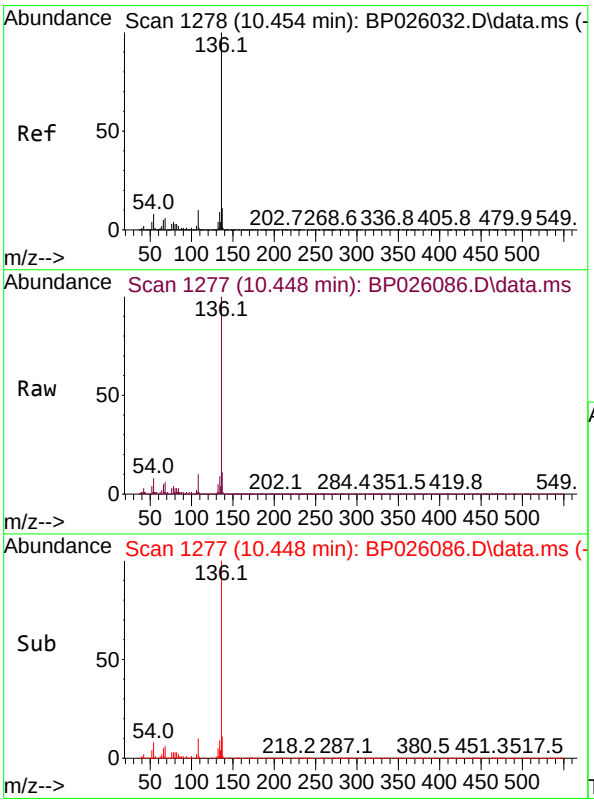
#13
1,4-Dichlorobenzene
Concen: 6.440 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:146 Resp: 132039

Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.2	78.2
111	38.3	31.3	46.9

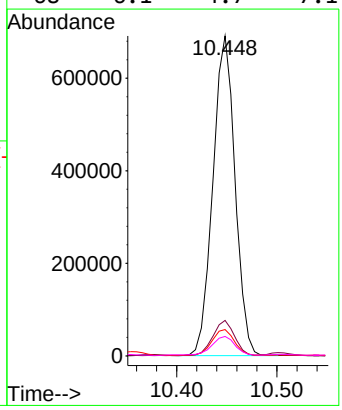


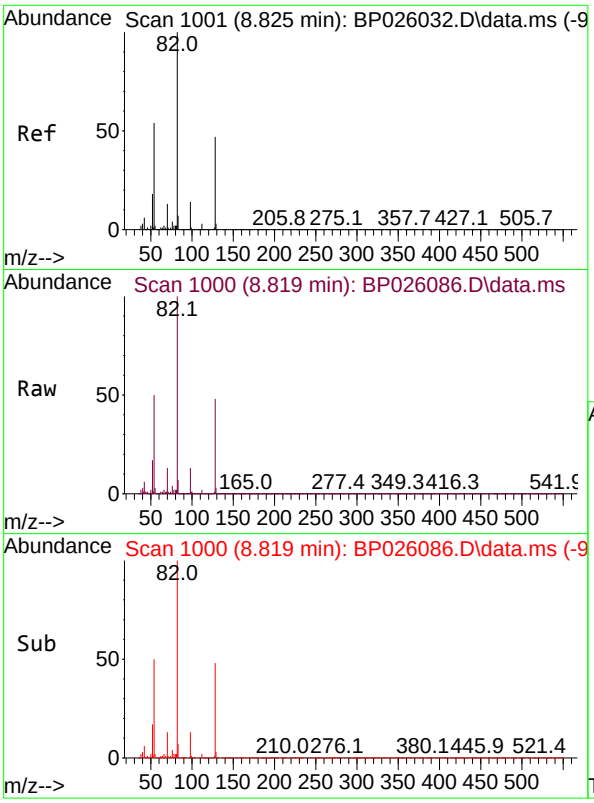


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:136 Resp: 1061171

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	6.6	10.0
68	6.1	4.7	7.1



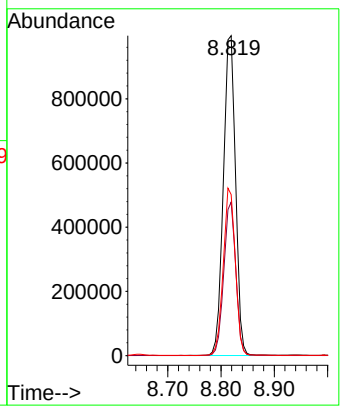


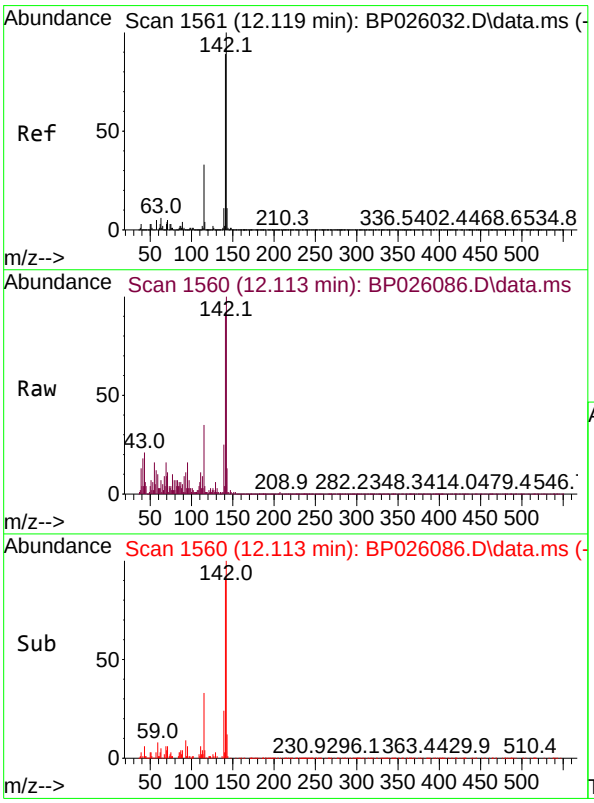
#23
Nitrobenzene-d5
Concen: 92.918 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 1581683

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.0
54	50.3	42.7	64.1

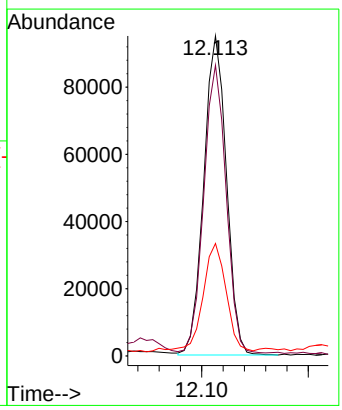


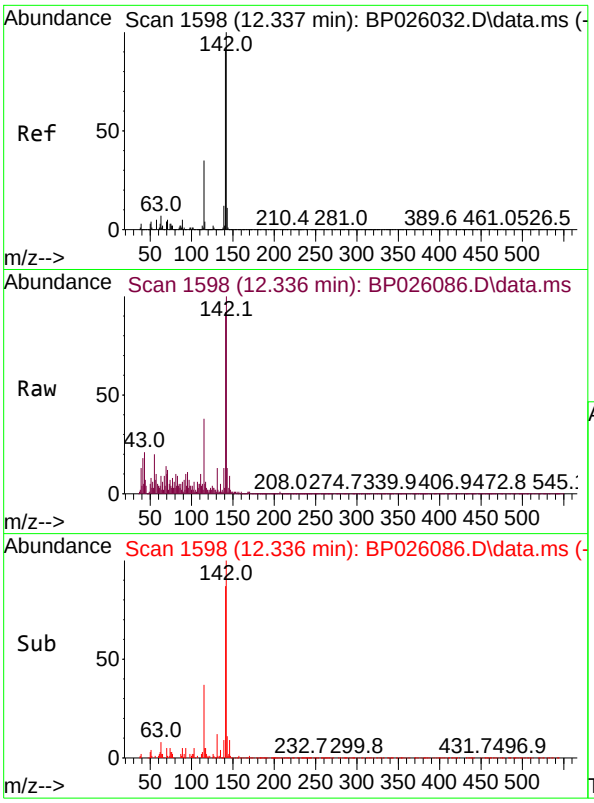


#37
2-Methylnaphthalene
Concen: 3.461 ng
RT: 12.113 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:142 Resp: 140160

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	35.1	26.6	39.8



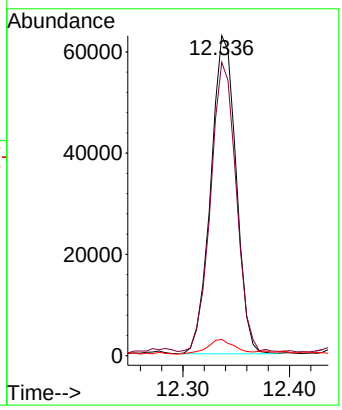


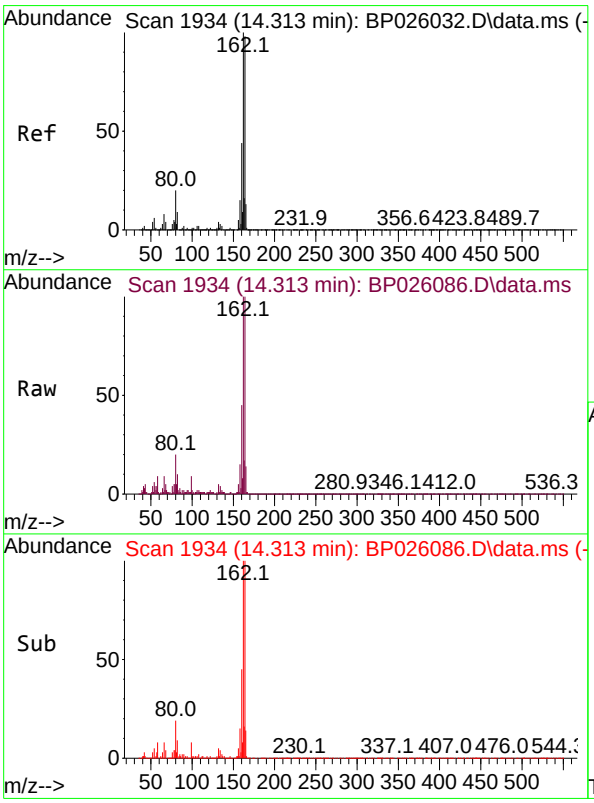
#38
1-Methylnaphthalene
Concen: 2.638 ng
RT: 12.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 103818

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.7	109.1
116	5.1	2.9	4.3#

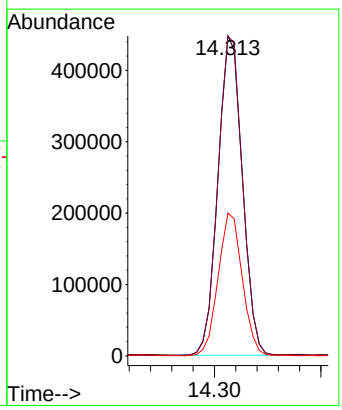


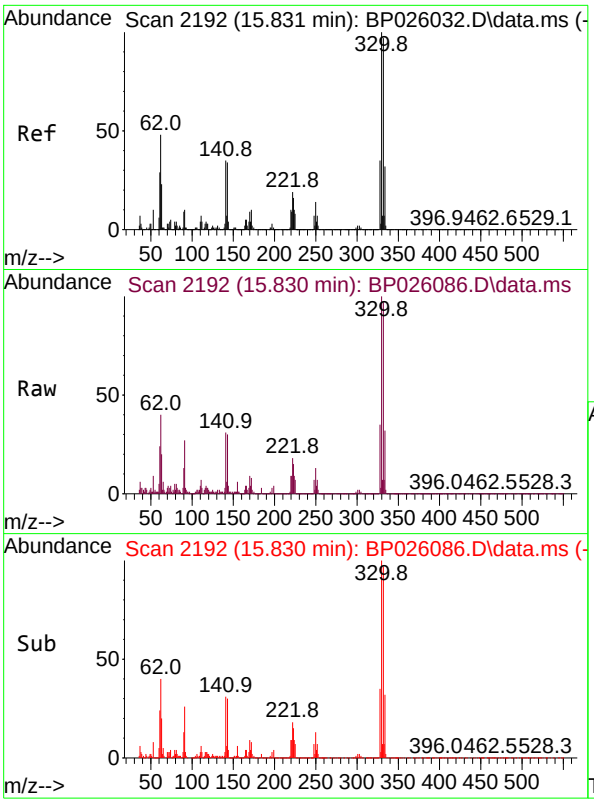


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:164 Resp: 711488

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.6	36.2	54.4



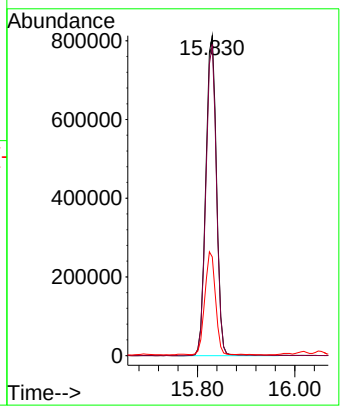


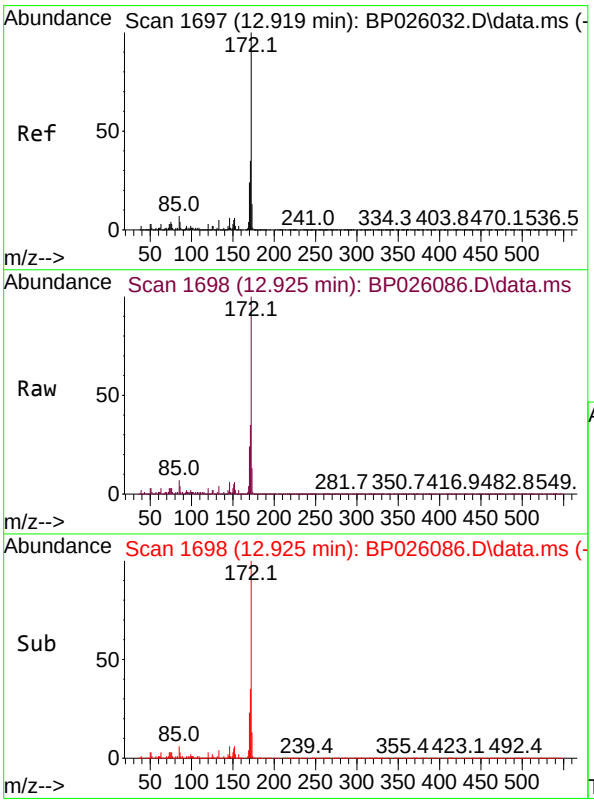
#42
2,4,6-Tribromophenol
Concen: 161.180 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 1239774

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.0	28.6	42.8

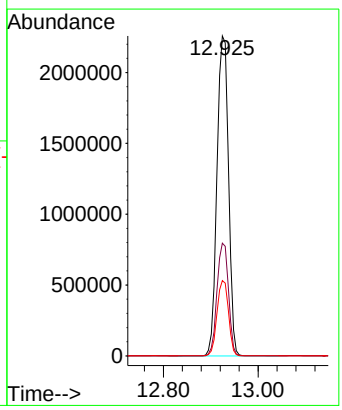


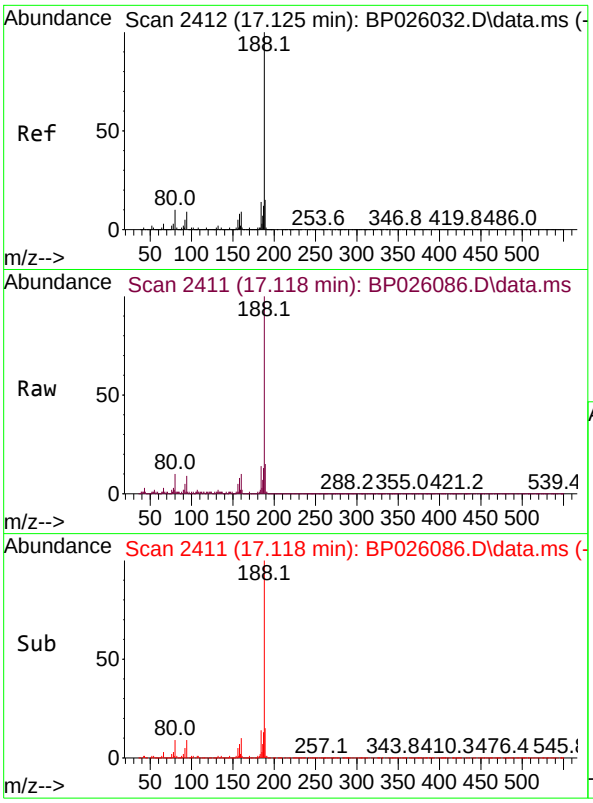


#45
2-Fluorobiphenyl
Concen: 77.075 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:172 Resp: 3816364

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.5	19.0	28.4



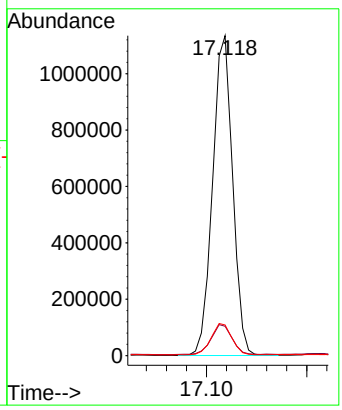


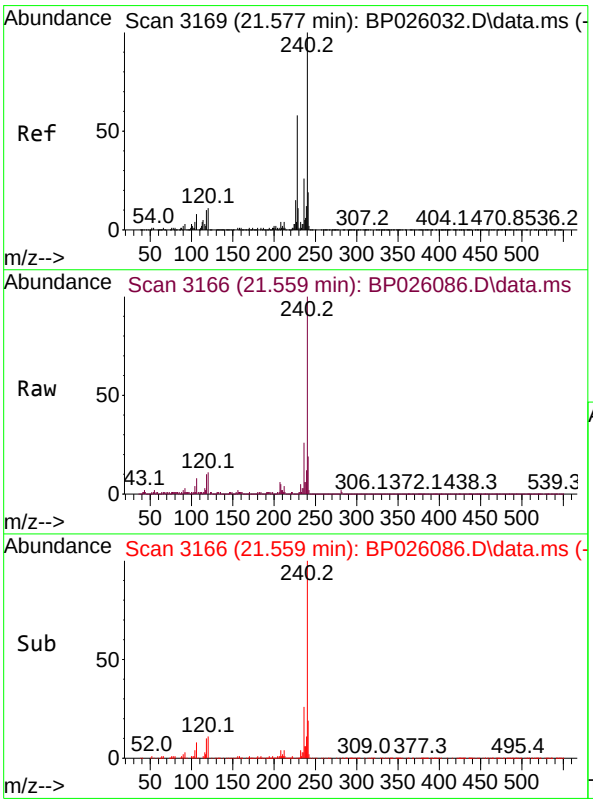
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 1575922

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.6	7.9	11.9

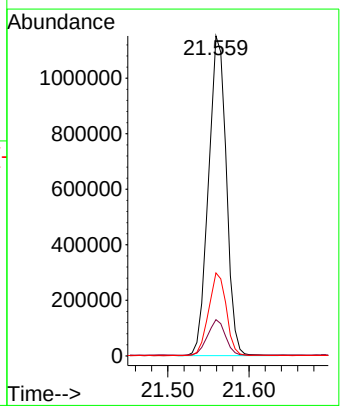


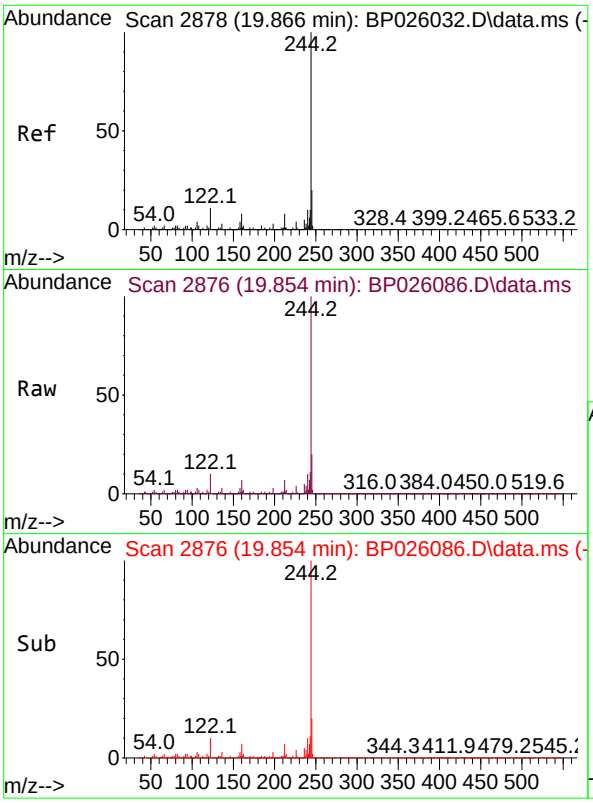


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:240 Resp: 1759255

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.6	31.0



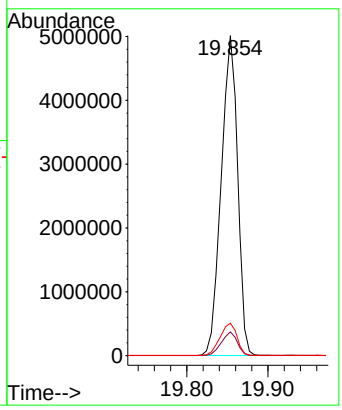


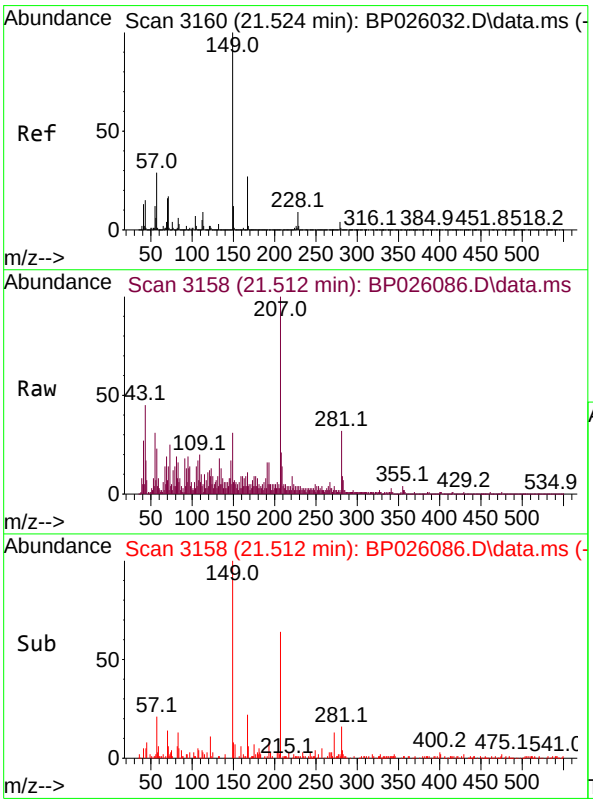
#79
Terphenyl-d14
Concen: 81.125 ng
RT: 19.854 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 7024653

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.1	9.0	13.6

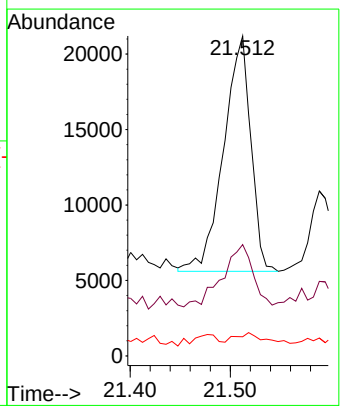


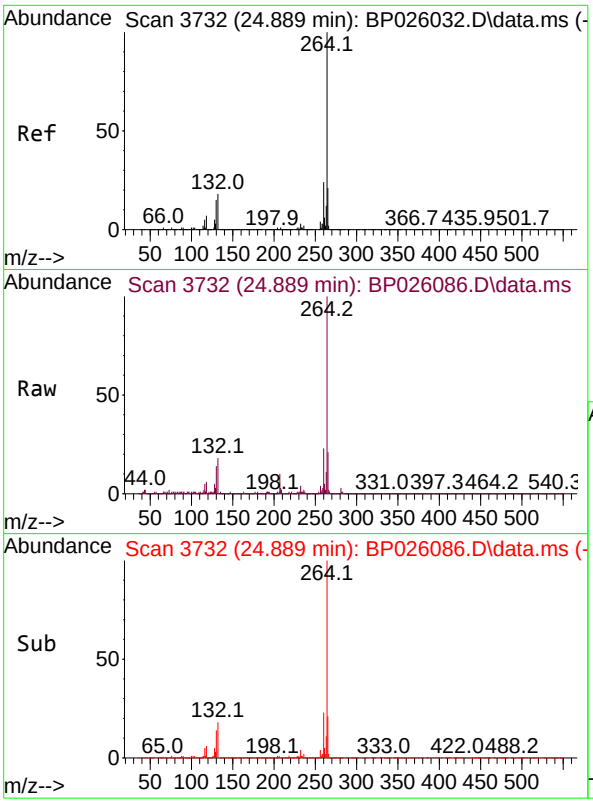


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.989 ng
RT: 21.512 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:149 Resp: 29404

Ion	Ratio	Lower	Upper
149	100		
167	34.8	21.5	32.3#
279	6.0	3.0	4.6#



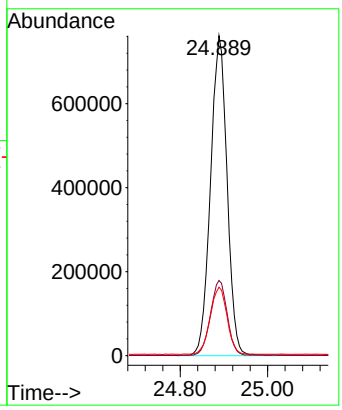


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 2005536

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.4	17.2	25.8



Sample Results: **BP026086.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

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: BP026086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.996	7	10	21	rVB	780695	1090754	5.88%	0.633%
2	3.225	44	49	65	rVB	1145865	1449890	7.81%	0.842%
3	4.284	224	229	236	rBV3	108310	196432	1.06%	0.114%
4	4.360	236	242	253	rVB2	344848	543043	2.93%	0.315%
5	4.484	257	263	279	rBV	1637355	2374547	12.80%	1.379%
6	5.037	349	357	364	rBV	1216096	1748815	9.42%	1.015%
7	5.148	370	376	384	rBV	840152	1293541	6.97%	0.751%
8	5.296	395	401	410	rVB	2570325	3802989	20.49%	2.208%
9	5.454	425	428	436	rVB	148375	208583	1.12%	0.121%
10	5.731	466	475	481	rBV	136338	235592	1.27%	0.137%
11	5.972	507	516	524	rBV2	303661	717179	3.86%	0.416%
12	6.201	548	555	562	rBV	3454531	5238881	28.23%	3.042%
13	6.678	627	636	642	rBV	199588	351461	1.89%	0.204%
14	6.848	656	665	683	rBV	2337839	4235177	22.82%	2.459%
15	7.090	699	706	715	rVB2	113388	211962	1.14%	0.123%
16	7.678	797	806	810	rBV	1070623	1981626	10.68%	1.151%
17	7.742	815	817	831	rVB3	230020	459590	2.48%	0.267%
18	8.048	856	869	875	rVB	246572	534393	2.88%	0.310%
19	8.325	910	916	921	rBV2	180276	314828	1.70%	0.183%
20	8.648	964	971	985	rBV2	434170	992541	5.35%	0.576%
21	8.772	985	992	995	rBV2	957756	1645606	8.87%	0.956%
22	8.819	995	1000	1005	rVB	2719919	4147837	22.35%	2.409%
23	9.031	1030	1036	1040	rVV	282853	471510	2.54%	0.274%
24	9.178	1056	1061	1066	rVB3	118855	200502	1.08%	0.116%
25	9.295	1072	1081	1087	rBV	582450	1196629	6.45%	0.695%
26	9.466	1105	1110	1117	rVB5	83846	207125	1.12%	0.120%
27	9.672	1136	1145	1148	rBV5	103849	260227	1.40%	0.151%
28	9.719	1148	1153	1168	rVB5	346796	801677	4.32%	0.466%
29	9.860	1169	1177	1184	rBV2	271513	566618	3.05%	0.329%
30	9.931	1184	1189	1195	rBV	286977	505966	2.73%	0.294%
31	10.001	1195	1201	1209	rBV	817594	1460083	7.87%	0.848%
32	10.078	1210	1214	1220	rBV	157288	314968	1.70%	0.183%
33	10.354	1256	1261	1267	rBV	692327	1158892	6.25%	0.673%
34	10.448	1271	1277	1282	rVV	1355653	2099618	11.32%	1.219%
35	10.501	1282	1286	1289	rVV2	221747	355347	1.92%	0.206%
36	10.548	1289	1294	1299	rVV	489834	867603	4.68%	0.504%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

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

37	10.607	1299	1304	1310	rVB5	212674	432595	2.33%	0.251%
38	11.083	1378	1385	1390	rVB3	272570	608559	3.28%	0.353%
39	11.236	1405	1411	1413	rBV4	396923	718462	3.87%	0.417%
40	11.383	1430	1436	1439	rBV5	201308	417092	2.25%	0.242%
41	11.442	1443	1446	1451	rVV2	305703	504120	2.72%	0.293%
42	11.507	1451	1457	1462	rVB	346783	706861	3.81%	0.410%
43	11.683	1480	1487	1494	rVB2	332298	600681	3.24%	0.349%
44	11.795	1499	1506	1511	rVV	799496	1410519	7.60%	0.819%
45	11.842	1512	1514	1519	rVB4	192856	287475	1.55%	0.167%
46	11.901	1519	1524	1527	rBV4	105020	198278	1.07%	0.115%
47	11.948	1527	1532	1538	rVB3	253520	505108	2.72%	0.293%
48	12.025	1539	1545	1549	rBV3	196964	431211	2.32%	0.250%
49	12.113	1555	1560	1564	rBV	344322	472611	2.55%	0.274%
50	12.336	1593	1598	1603	rBV2	269797	462453	2.49%	0.269%
51	12.672	1651	1655	1664	rVB3	263690	549857	2.96%	0.319%
52	12.842	1676	1684	1690	rVB6	179799	532569	2.87%	0.309%
53	12.925	1691	1698	1708	rVB	6383933	10849075	58.47%	6.300%
54	13.142	1732	1735	1737	rBV2	192557	240216	1.29%	0.139%
55	13.236	1744	1751	1762	rVB4	416533	1019999	5.50%	0.592%
56	13.342	1766	1769	1777	rVB6	116879	245800	1.32%	0.143%
57	13.472	1781	1791	1793	rBV6	152786	404074	2.18%	0.235%
58	13.630	1811	1818	1824	rBV	999491	2273077	12.25%	1.320%
59	13.736	1827	1836	1845	rVB2	1068477	3586071	19.33%	2.082%
60	13.960	1870	1874	1881	rVB2	400032	722965	3.90%	0.420%
61	14.077	1890	1894	1898	rBV3	146124	220193	1.19%	0.128%
62	14.148	1898	1906	1913	rVV	1528007	2472066	13.32%	1.435%
63	14.236	1916	1921	1928	rVB2	1213952	1917620	10.33%	1.114%
64	14.313	1928	1934	1940	rBV	1989324	3187984	17.18%	1.851%
65	14.372	1940	1944	1949	rVV5	115182	210743	1.14%	0.122%
66	14.448	1953	1957	1963	rBV	356444	474430	2.56%	0.275%
67	14.666	1991	1994	2000	rVB2	199812	338693	1.83%	0.197%
68	15.083	2060	2065	2071	rBV	2061808	2637436	14.21%	1.532%
69	15.148	2072	2076	2079	rBV	399257	559295	3.01%	0.325%
70	15.224	2085	2089	2096	rBV3	200779	352427	1.90%	0.205%
71	15.348	2106	2110	2113	rBV	371605	521756	2.81%	0.303%
72	15.389	2113	2117	2123	rVB2	1217125	1876600	10.11%	1.090%
73	15.589	2145	2151	2156	rBV3	1349868	2320426	12.51%	1.347%
74	15.701	2165	2170	2178	rVB	762613	1397761	7.53%	0.812%
75	15.830	2186	2192	2200	rVB2	6235049	12117576	65.30%	7.036%
76	16.042	2220	2228	2233	rBV	4303205	7625282	41.09%	4.428%

Sample Results: **BP026086.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

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

77	16.189	2250	2253	2257	rVB2	311269	321988	1.74%	0.187%
78	16.248	2258	2263	2270	rVB3	1436631	2432160	13.11%	1.412%
79	16.371	2279	2284	2289	rBV	1809001	2558195	13.79%	1.485%
80	16.407	2289	2290	2295	rVB3	226231	235109	1.27%	0.137%
81	16.707	2338	2341	2350	rVB4	308767	449039	2.42%	0.261%
82	16.918	2371	2377	2383	rBV	710148	1186919	6.40%	0.689%
83	17.118	2404	2411	2416	rBV	2798530	4298103	23.16%	2.496%
84	17.377	2451	2455	2458	rBV	232923	368999	1.99%	0.214%
85	17.630	2494	2498	2505	rBV	352662	602329	3.25%	0.350%
86	18.077	2569	2574	2583	rBV	1511928	2128054	11.47%	1.236%
87	18.289	2605	2610	2619	rBV	4078532	5865089	31.61%	3.406%
88	18.860	2704	2707	2714	rVB	710956	943788	5.09%	0.548%
89	19.342	2785	2789	2796	rVB	992861	1477161	7.96%	0.858%
90	19.407	2797	2800	2808	rVB2	388876	629870	3.39%	0.366%
91	19.665	2839	2844	2853	rVB	2601602	3690981	19.89%	2.143%
92	19.854	2870	2876	2881	rVB	13321903	18555769	100.00%	10.775%
93	20.712	3019	3022	3027	rBV	1385762	1572204	8.47%	0.913%
94	21.112	3086	3090	3101	rBV	1002325	1722620	9.28%	1.000%
95	21.254	3111	3114	3121	rVB	876125	1160426	6.25%	0.674%
96	21.559	3161	3166	3176	rVB2	3032630	4668239	25.16%	2.711%
97	23.112	3427	3430	3439	rVB	484406	917920	4.95%	0.533%
98	24.889	3724	3732	3752	rVB	2015129	5775463	31.12%	3.354%

Sum of corrected areas: 172212473

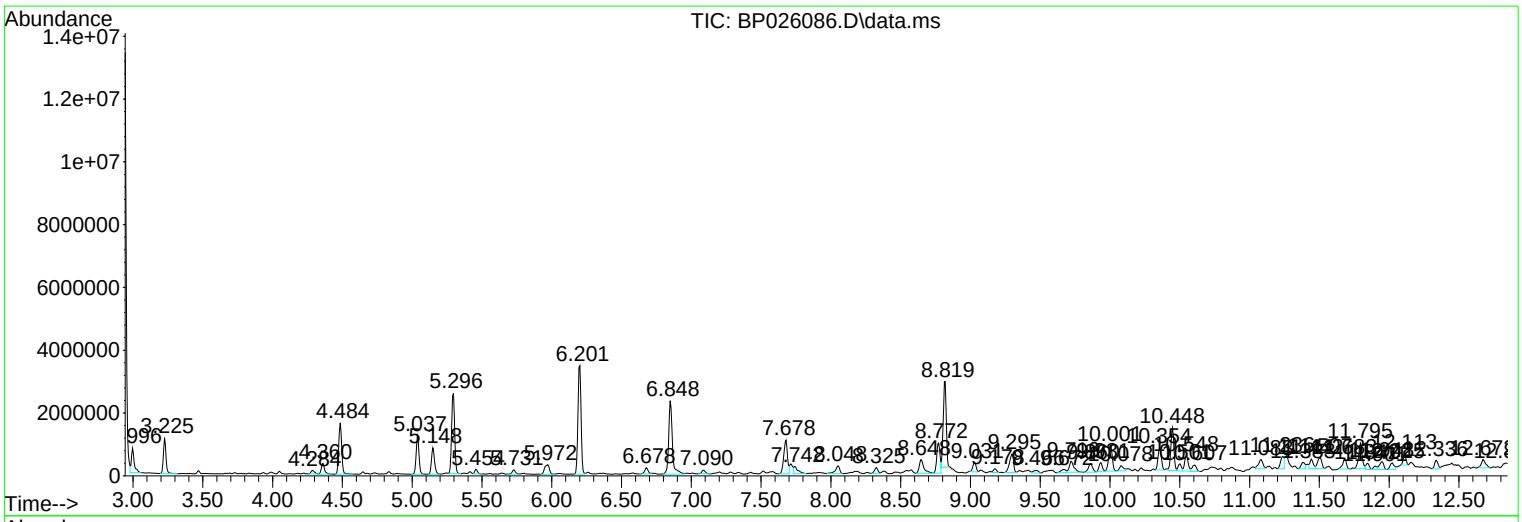
Sample Results: **BP026086.D**

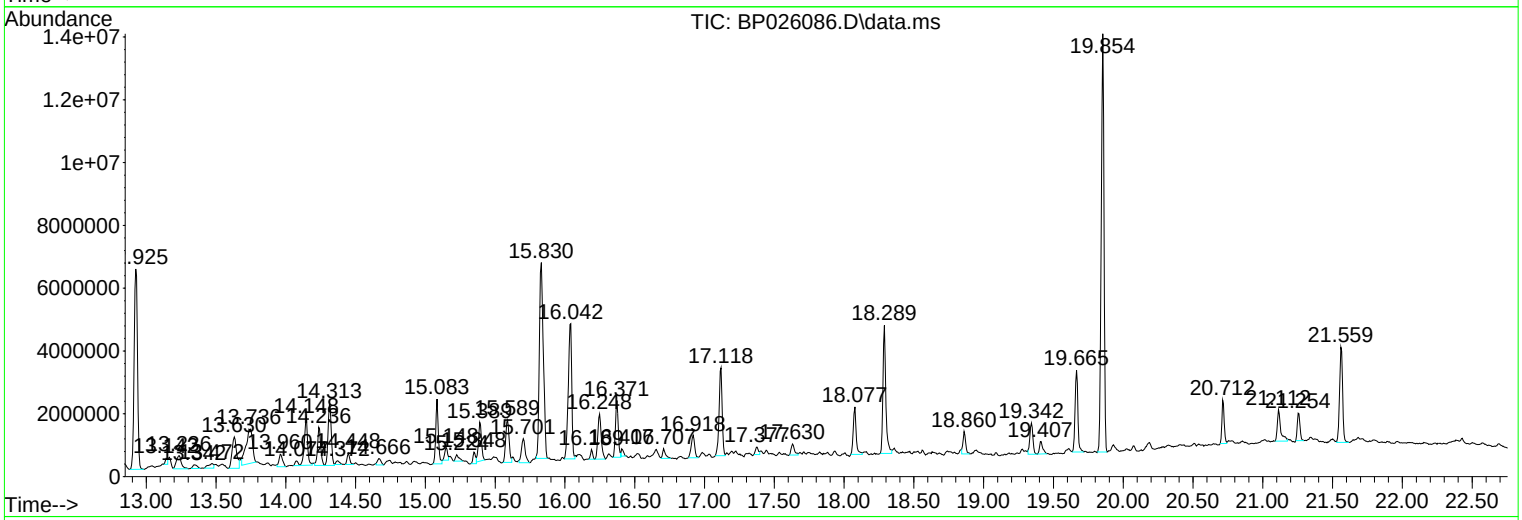
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Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

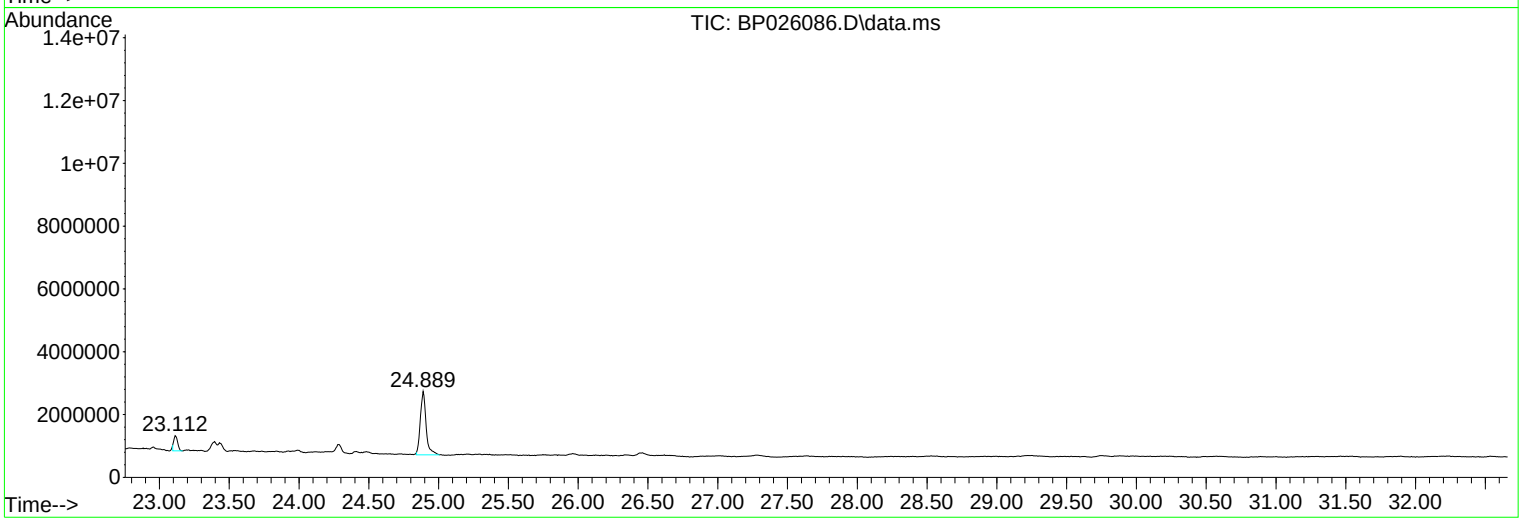
Instrument :
BNA_P
ClientSampleId :
MW-4

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 : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

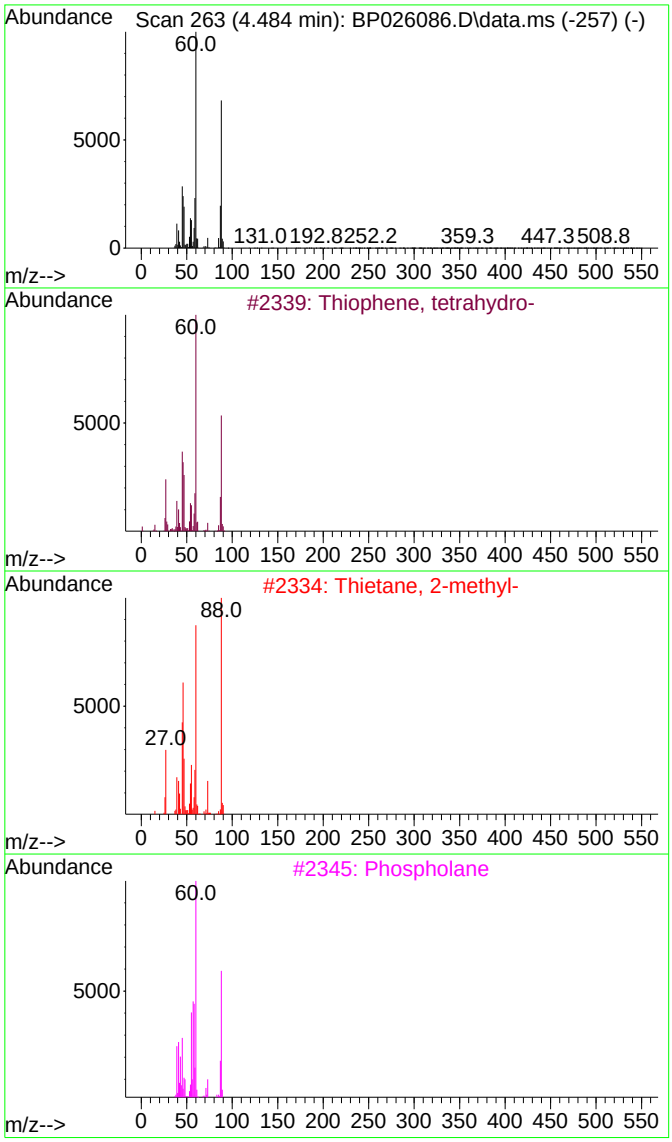
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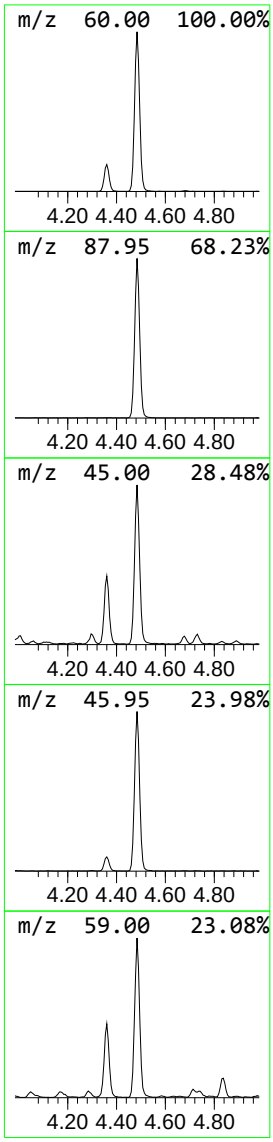
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Peak Number 1 Thiophene, tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.484	23.97 ng	2374550	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2	Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
3	Phospholane	88	C4H9P	003466-00-0	64
4	Ethylvinyl sulfide	88	C4H8S	000627-50-9	38
5	Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

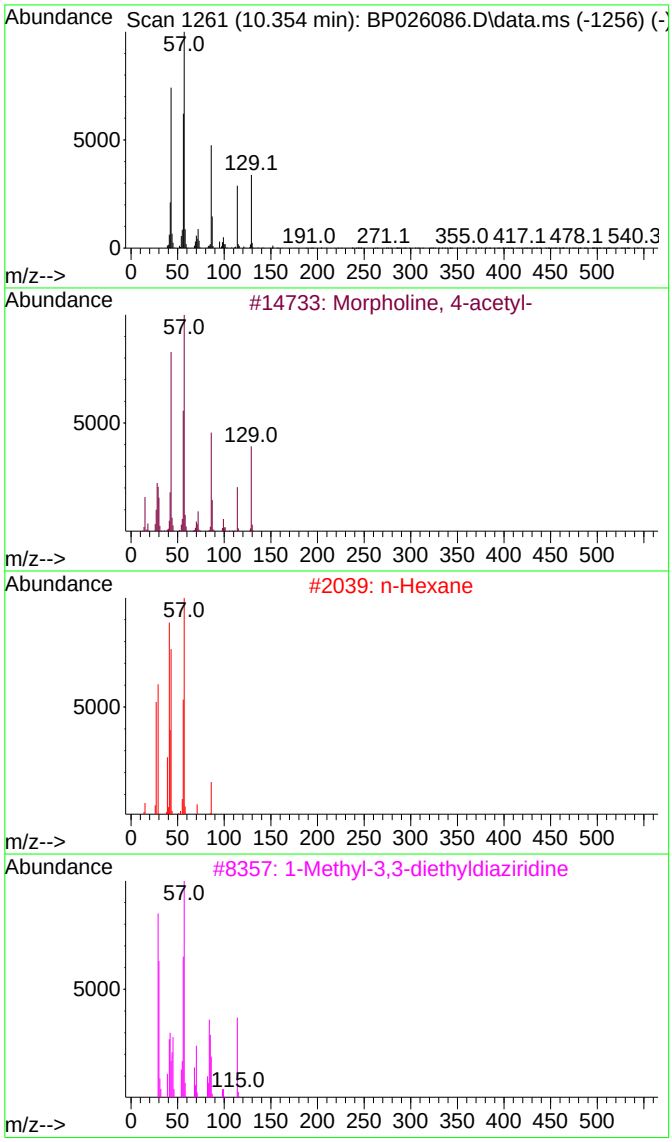
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TIC Integration Parameters: LSCINT.P

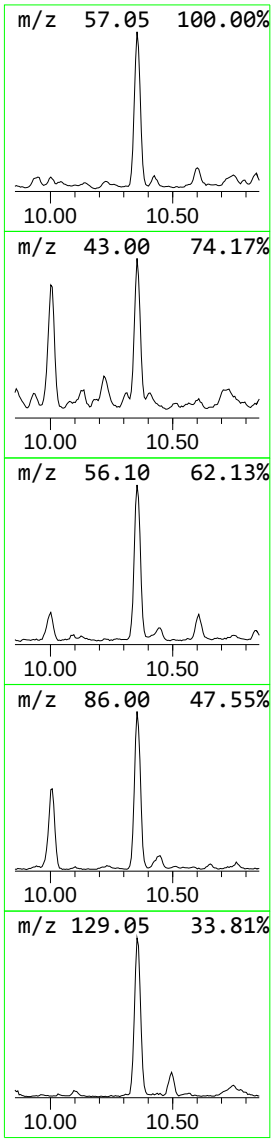
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Peak Number 7 Morpholine, 4-acetyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.354	11.04 ng	1158890	Naphthalene-d8	10.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	90
2	n-Hexane	86	C6H14	000110-54-3	43
3	1-Methyl-3,3-diethyldiaziridine	114	C6H14N2	052551-69-6	43
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	35
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

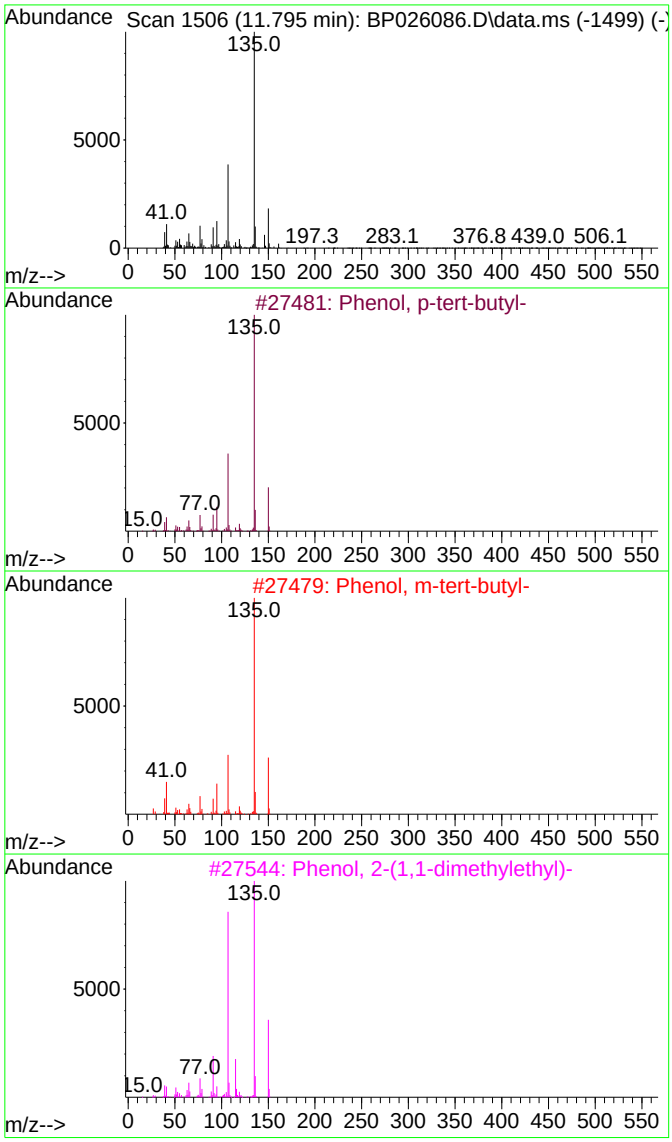
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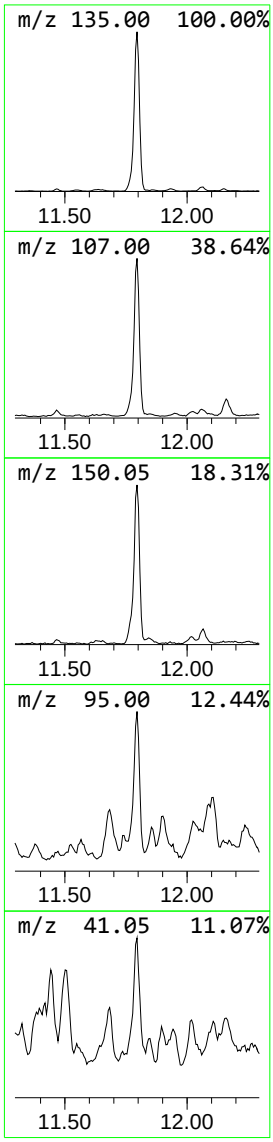
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.795	13.44 ng	1410520	Naphthalene-d8	10.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	49
5	Thymol	150	C10H14O	000089-83-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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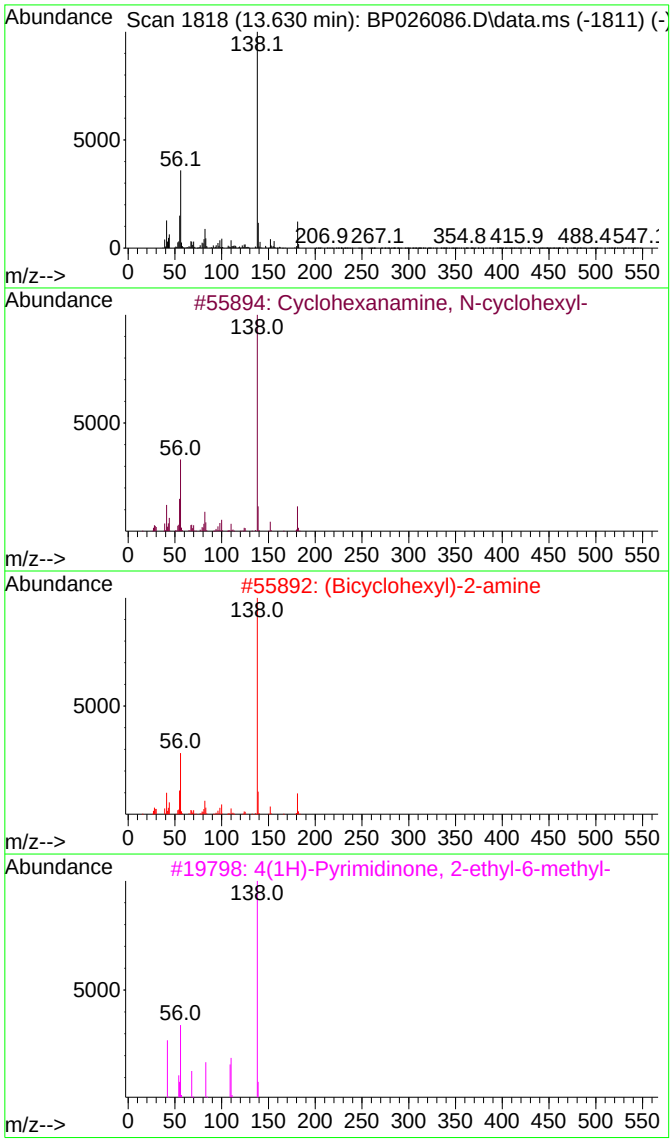
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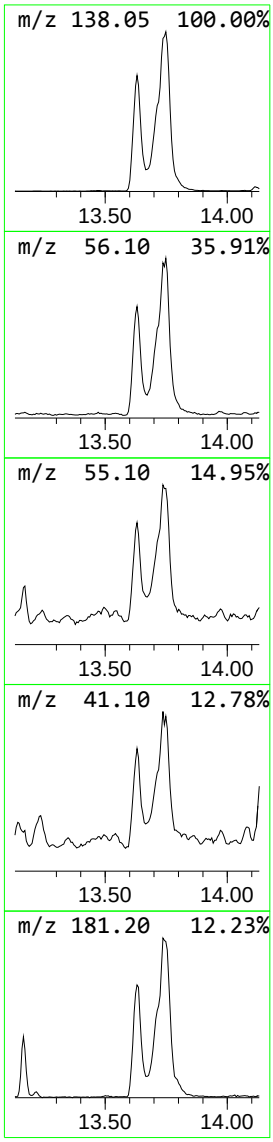
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanamine, N-cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	14.26 ng	2273080	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	96
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	96
3	4(1H)-Pyrimidinone, 2-ethyl-6-me...	138	C7H10N2O	016858-50-7	59
4	1-Penten-3-one, 4-methyl-1-(1-pi...	181	C11H19NO	013606-83-2	58
5	(5R,8R,8aS)-5-Heptyl-8-methyloct...	237	C16H31N	847459-59-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

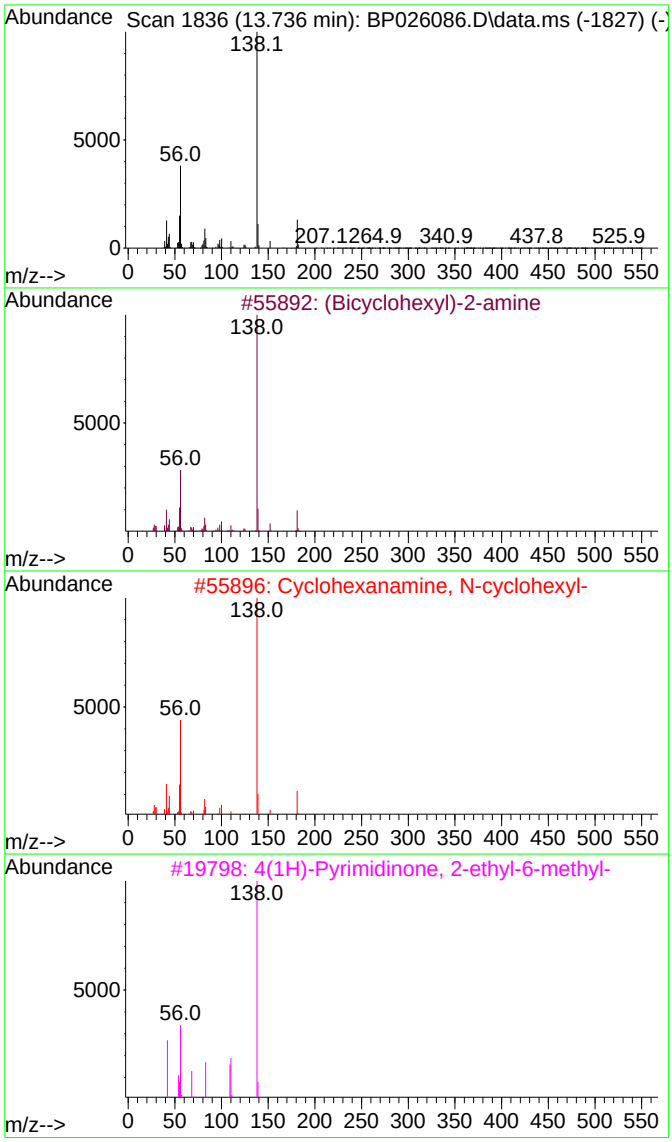
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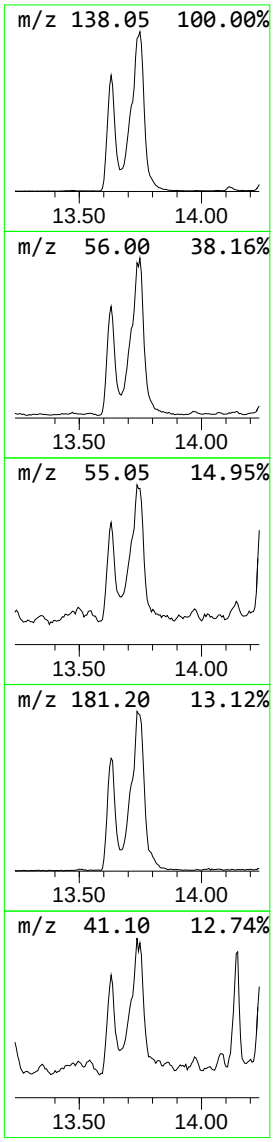
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Peak Number 10 (Bicyclohexyl)-2-amine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.736	22.50 ng	3586070	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	97
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	97
3	4(1H)-Pyrimidinone, 2-ethyl-6-me...	138	C7H10N2O	016858-50-7	64
4	1-Penten-3-one, 4-methyl-1-(1-pi...	181	C11H19NO	013606-83-2	52
5	Butanoic acid, 4-dicyclohexylami...	281	C16H27NO3	328013-95-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

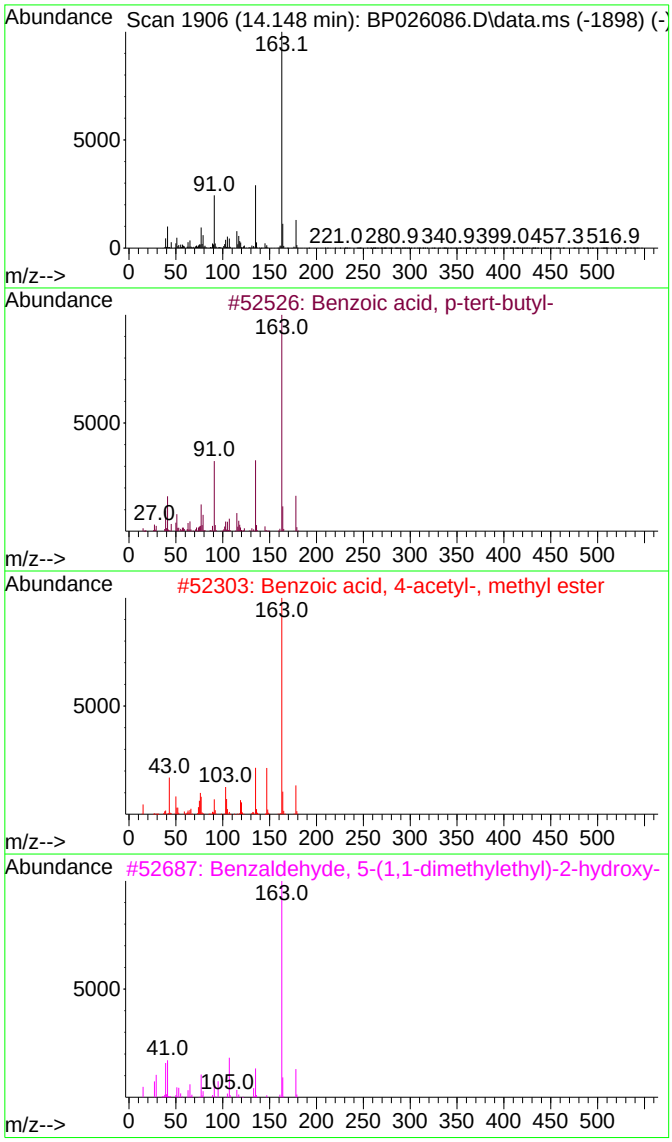
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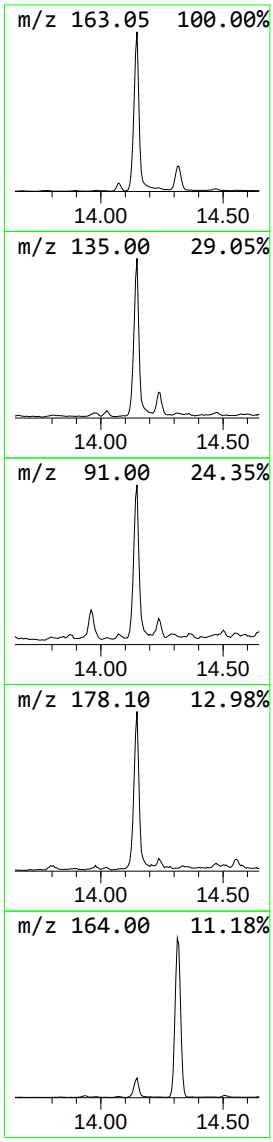
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Peak Number 11 Benzoic acid, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.148	15.51 ng	2472070	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
5	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

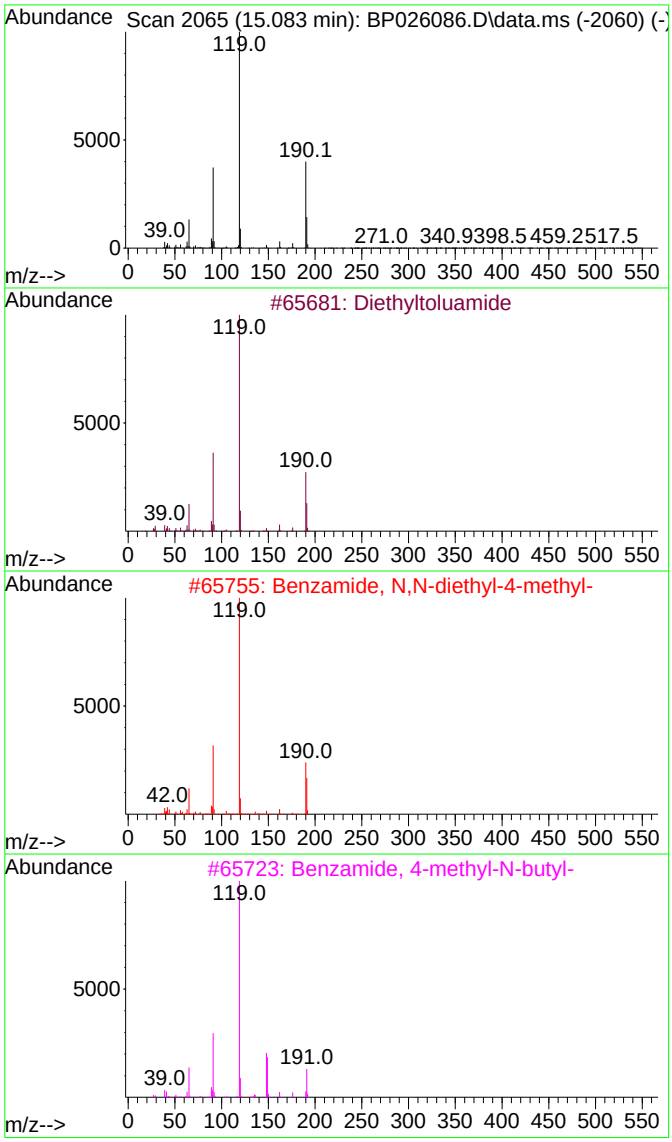
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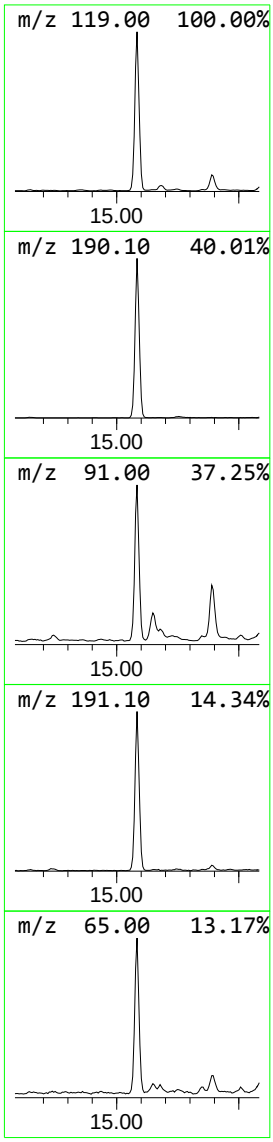
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Peak Number 13 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.083	16.55 ng	2637440	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

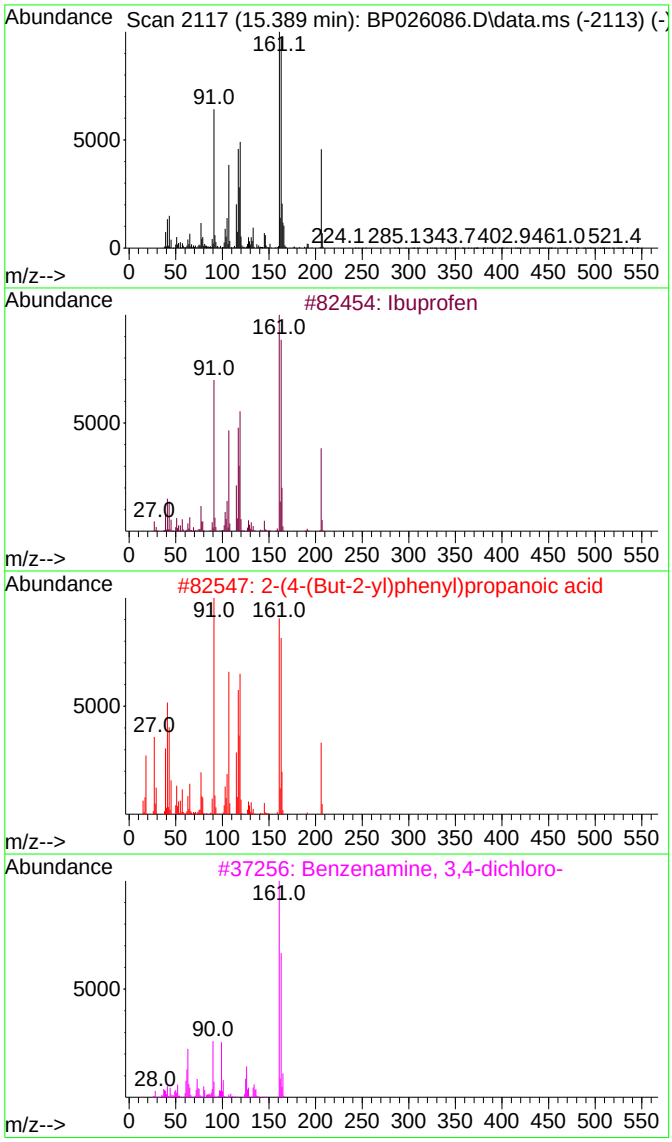
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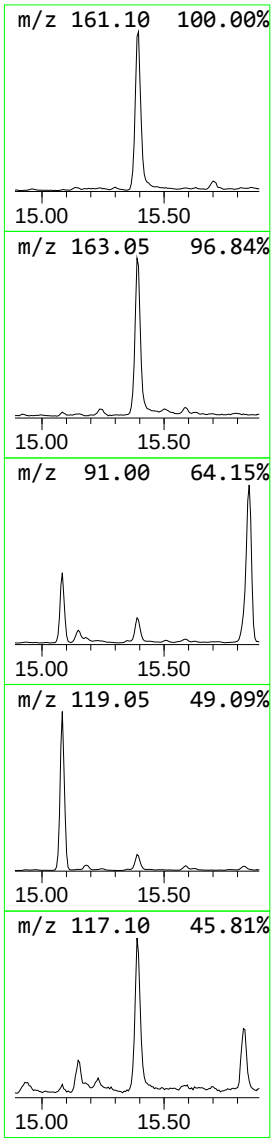
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Peak Number 14 Ibuprofen Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.389	11.77 ng	1876600	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	99
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	98
3	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	35
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	35
5	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

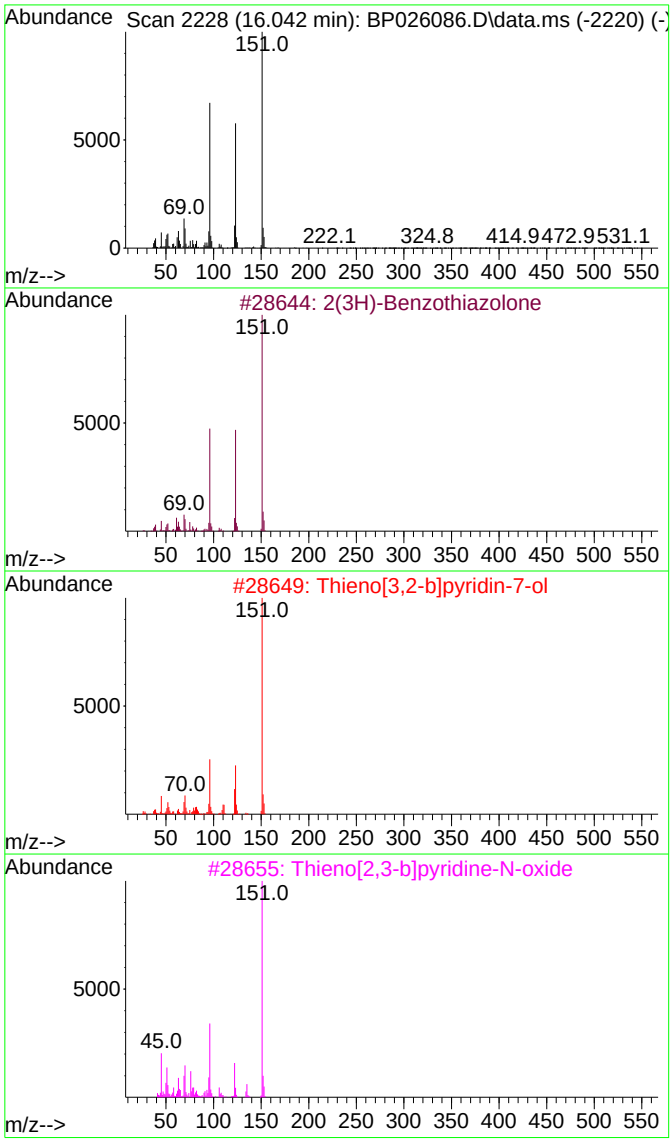
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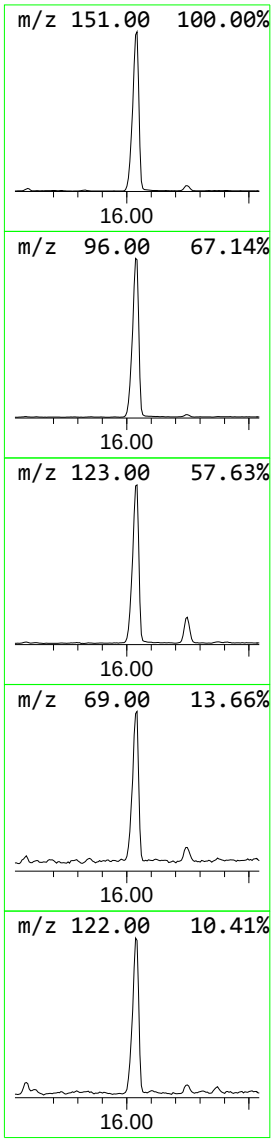
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Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.042	35.48 ng	7625280	Phenanthrene-d10	17.118

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	64
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

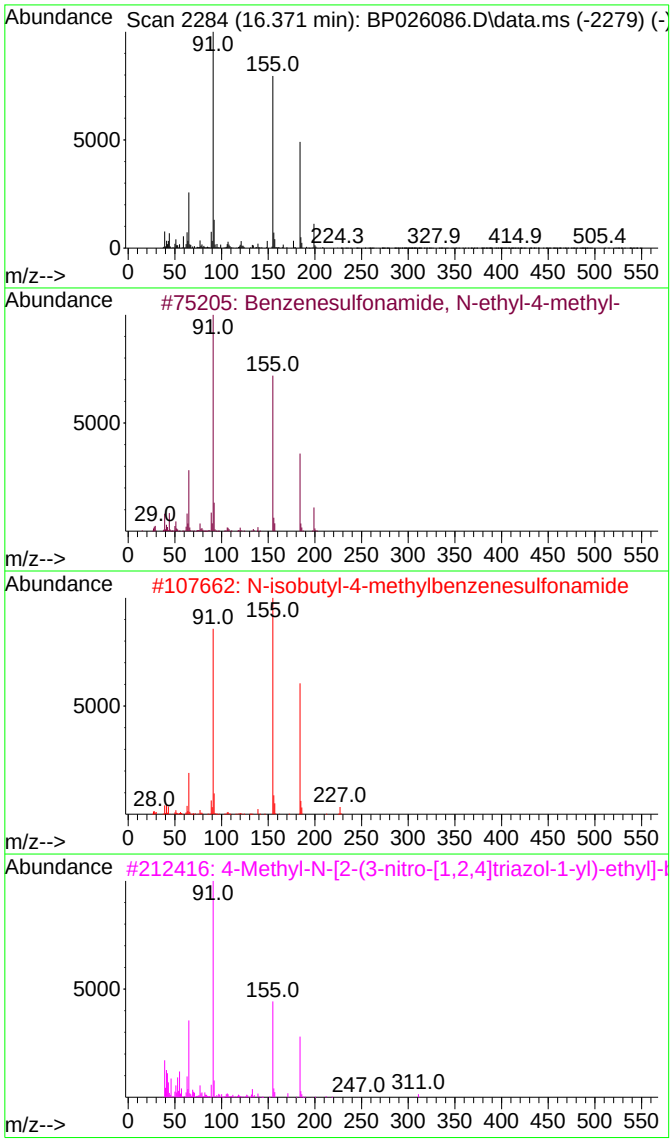
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TIC Integration Parameters: LSCINT.P

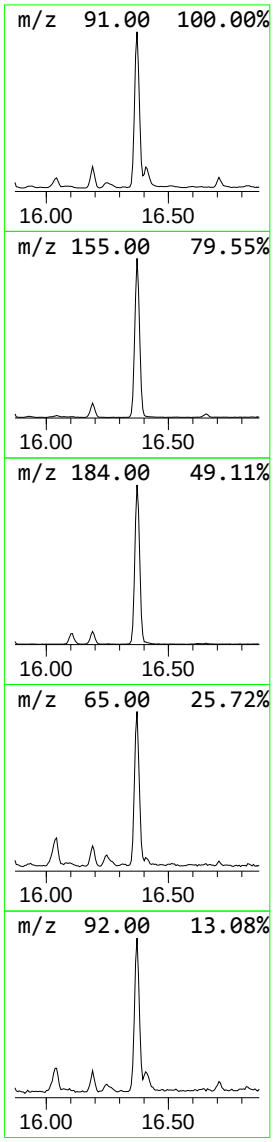
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Peak Number 18 Benzenesulfonamide, N-ethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	11.90 ng	2558200	Phenanthrene-d10	17.118

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	90
3	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
4	N-Hexyl-4-methylbenzenesulfonamide	255	C13H21NO2S	001143-01-7	80
5	Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

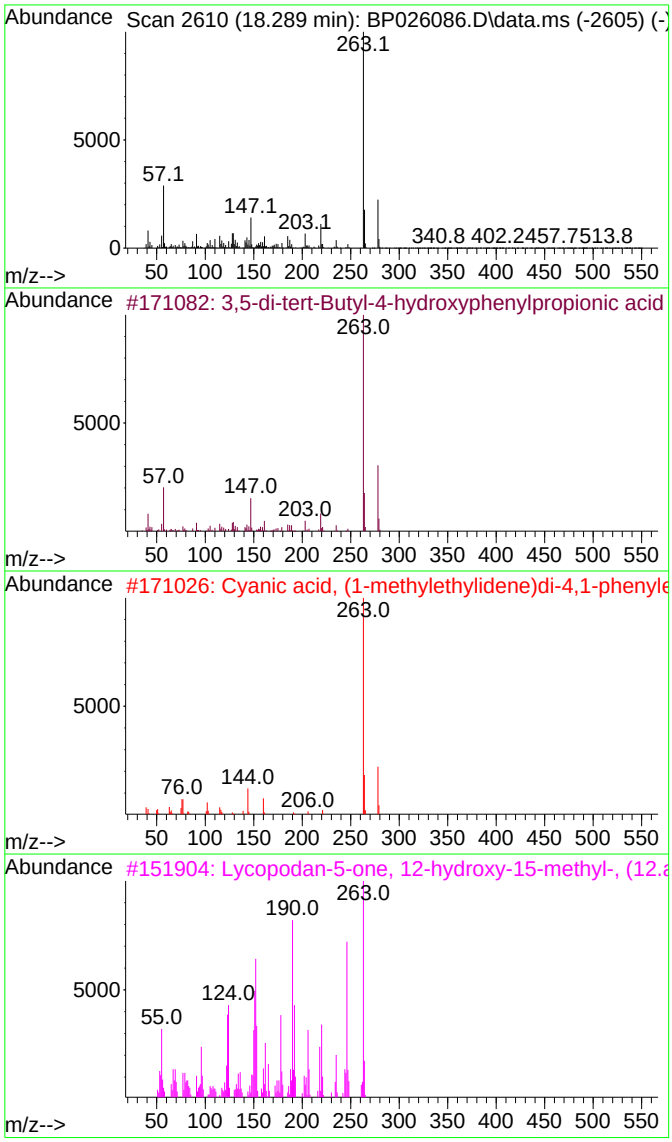
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

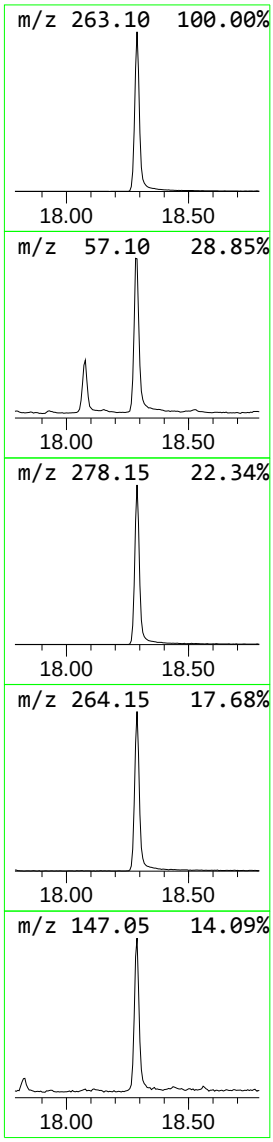
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TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	27.29 ng	5865090	Phenanthrene-d10	17.118

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	95
2	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	52
5	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

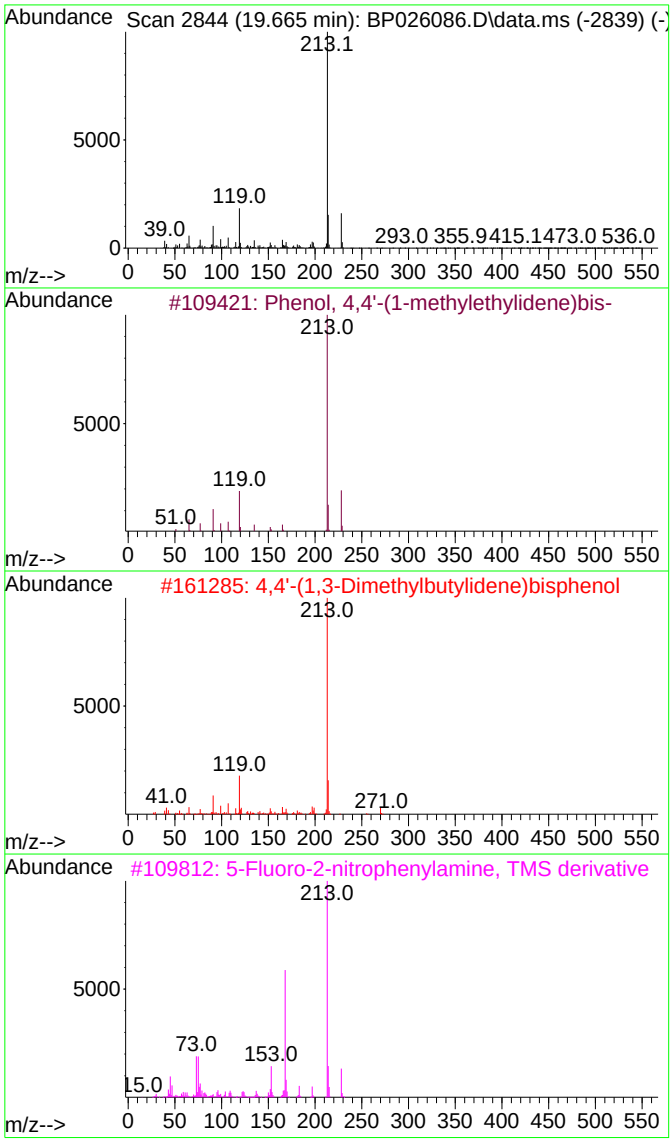
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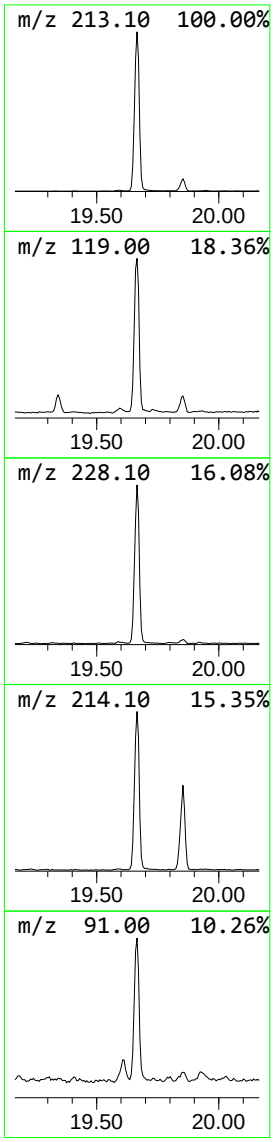
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Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.665	15.81 ng	3690980	Chrysene-d12	21.559

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59
4	Diphenolic acid	286	C17H18O4	000126-00-1	56
5	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

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
Thiophene, tetr...	4.484	24.0	ng	2374550	1	7.678	1981630	20.0
Morpholine, 4-a...	10.354	11.0	ng	1158890	2	10.448	2099620	20.0
Phenol, p-tert-...	11.795	13.4	ng	1410520	2	10.448	2099620	20.0
Cyclohexanamine...	13.630	14.3	ng	2273080	3	14.313	3187980	20.0
(Bicyclohexyl)-...	13.736	22.5	ng	3586070	3	14.313	3187980	20.0
Benzoic acid, p...	14.148	15.5	ng	2472070	3	14.313	3187980	20.0
Diethyltoluamide	15.083	16.6	ng	2637440	3	14.313	3187980	20.0
Ibuprofen	15.389	11.8	ng	1876600	3	14.313	3187980	20.0
2(3H)-Benzothia...	16.042	35.5	ng	7625280	4	17.118	4298100	20.0
Benzenesulfonam...	16.371	11.9	ng	2558200	4	17.118	4298100	20.0
3,5-di-tert-But...	18.289	27.3	ng	5865090	4	17.118	4298100	20.0
Phenol, 4,4'-(1...	19.665	15.8	ng	3690980	5	21.559	4668240	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Time: Nov 07 01:03:49 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

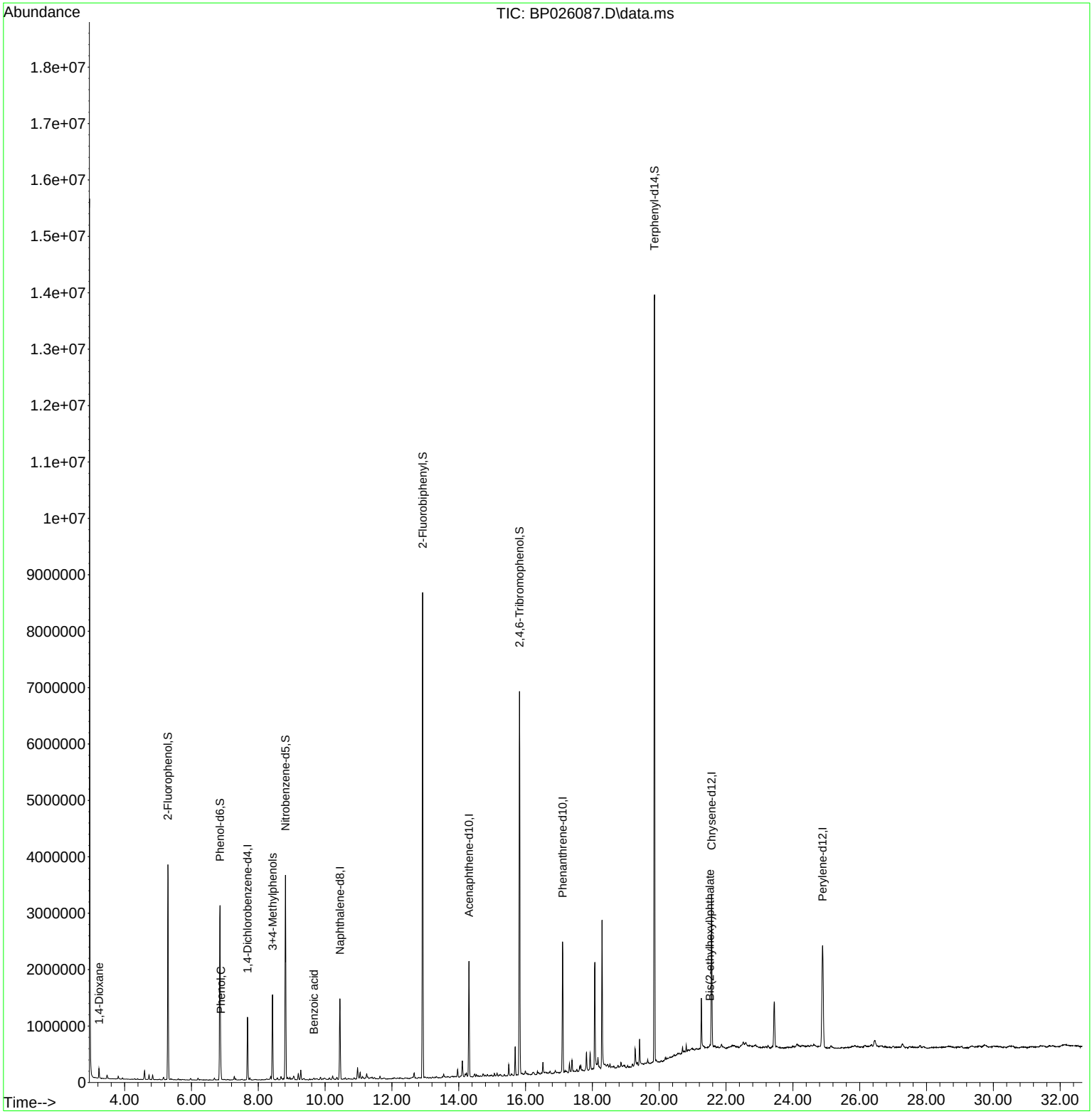
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	313208	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1217177	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	747328	20.000	ng	-0.01
64) Phenanthrene-d10	17.107	188	1494853	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1682256	20.000	ng	0.00
86) Perylene-d12	24.889	264	2021321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1719253	90.577	ng	0.00
7) Phenol-d6	6.855	99	1796985	74.381	ng	0.00
23) Nitrobenzene-d5	8.813	82	2001097	102.490	ng	-0.01
42) 2,4,6-Tribromophenol	15.819	330	1412192	174.790	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	4571378	87.896	ng	-0.01
79) Terphenyl-d14	19.860	244	7364724	88.945	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	84730	10.589	ng	# 84
10) Phenol	6.878	94	139553	5.203	ng	99
20) 3+4-Methylphenols	8.425	107	690748	28.271	ng	90
32) Benzoic acid	9.666	122	7661	4.047	ng	93
84) Bis(2-ethylhexyl)phtha...	21.518	149	14632	2.801	ng	# 91

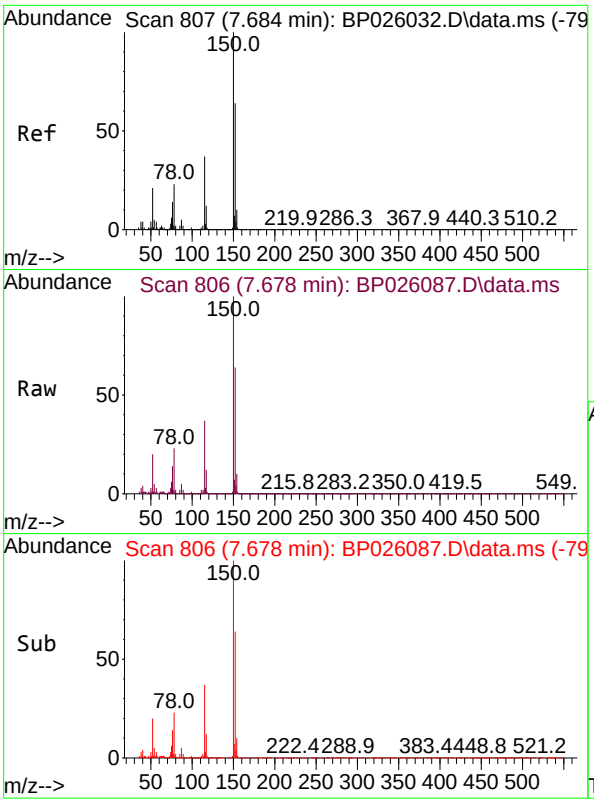
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Time: Nov 07 01:03:49 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



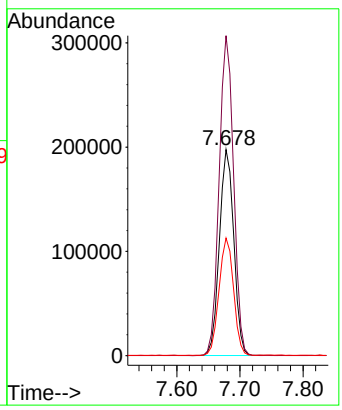


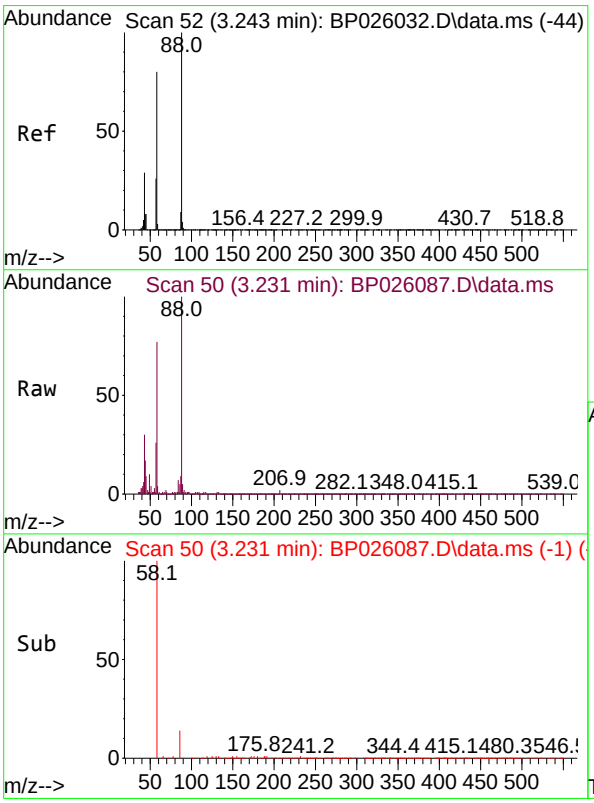
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 313208

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.7	188.5
115	57.1	46.4	69.6

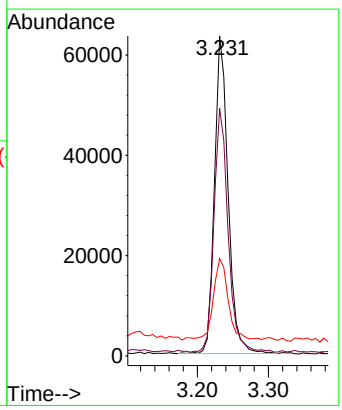


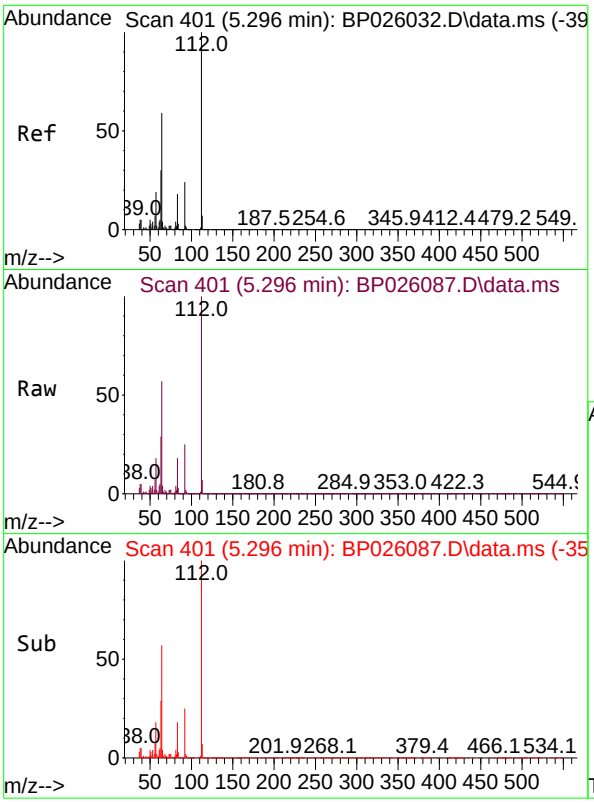


#2
1,4-Dioxane
Concen: 10.589 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 88 Resp: 84730

Ion	Ratio	Lower	Upper
88	100		
58	79.5	65.4	98.0
43	0.0	23.1	34.7#



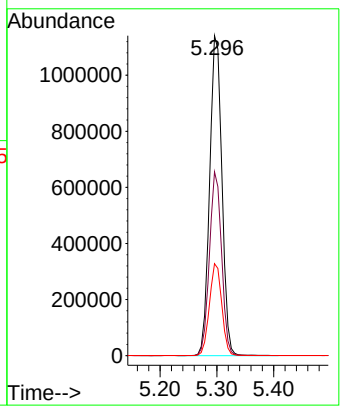


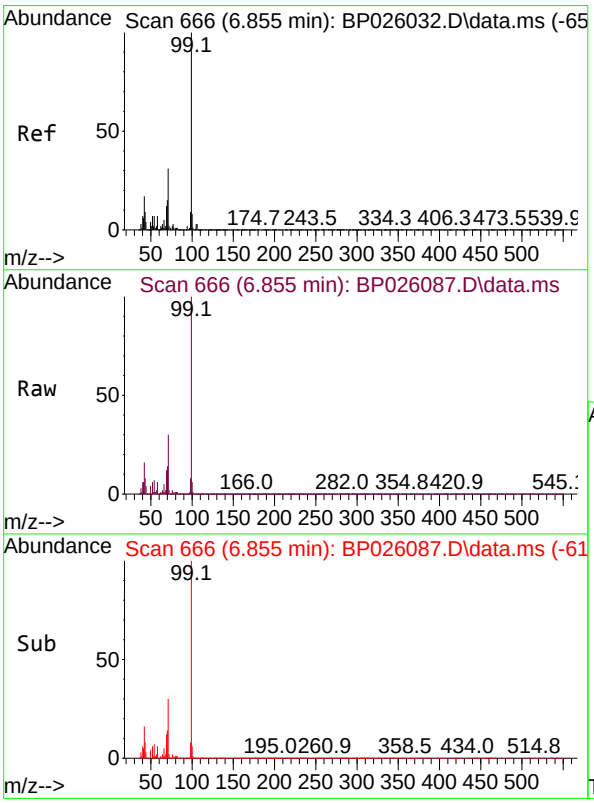
#5
2-Fluorophenol
Concen: 90.577 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:112 Resp: 1719253

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	28.7	24.2	36.4

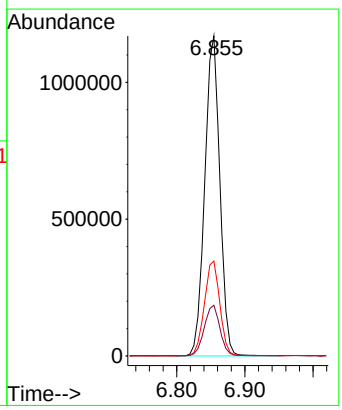


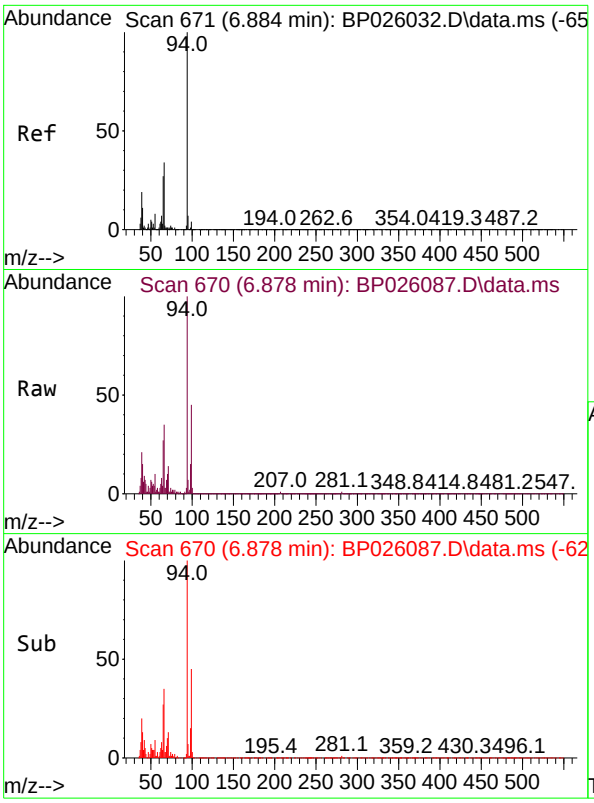


#7
Phenol-d6
Concen: 74.381 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 99 Resp: 1796985

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	29.6	24.4	36.6



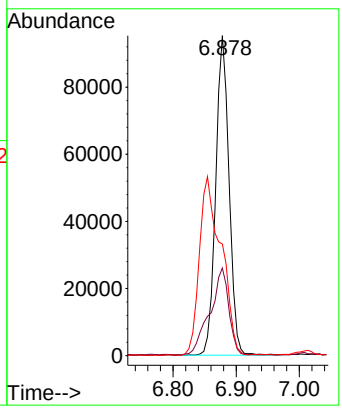


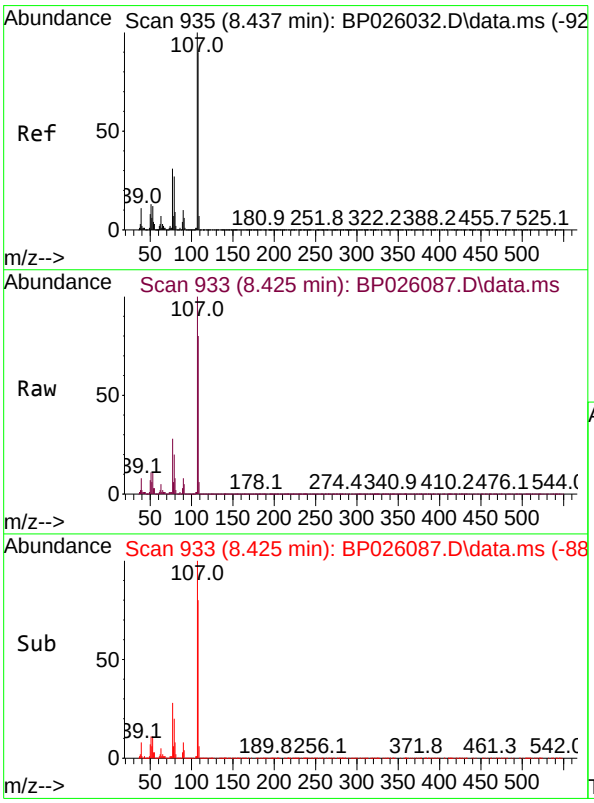
#10
Phenol
Concen: 5.203 ng
RT: 6.878 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion: 94 Resp: 139553

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.1	47.1
66	34.9	14.4	54.4

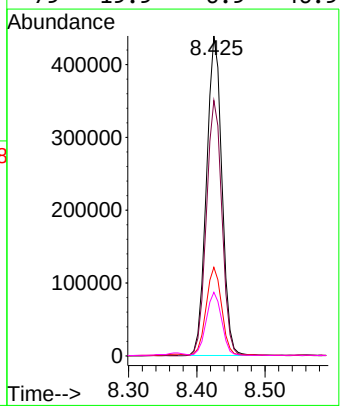


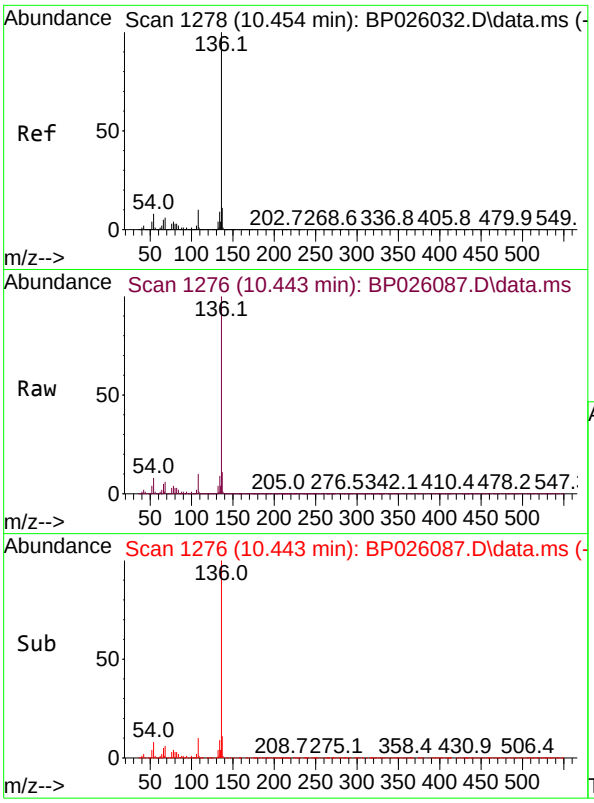


#20
3+4-Methylphenols
Concen: 28.271 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.018 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:107 Resp: 690748

Ion	Ratio	Lower	Upper
107	100		
108	79.8	70.1	110.1
77	27.7	10.7	50.7
79	19.9	6.9	46.9



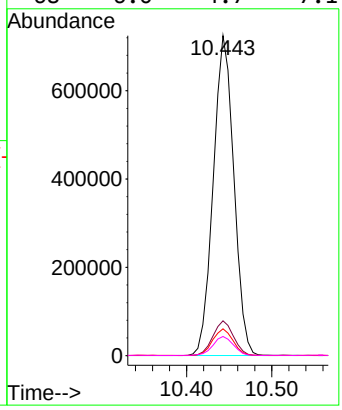


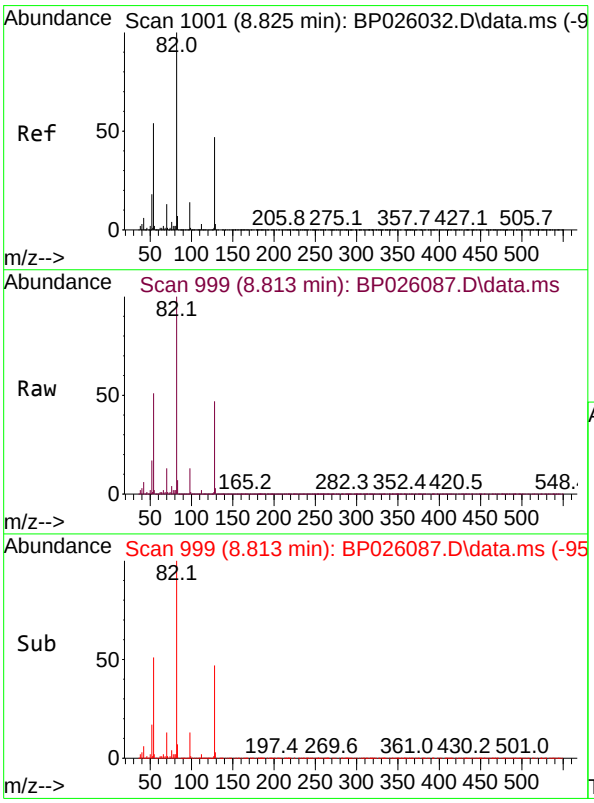
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:136 Resp: 1217177

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1

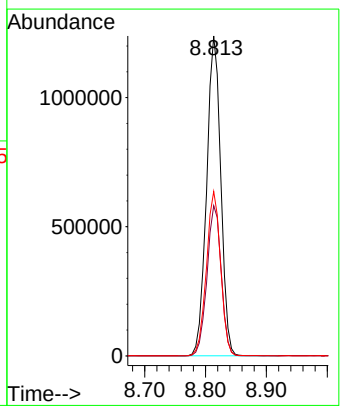


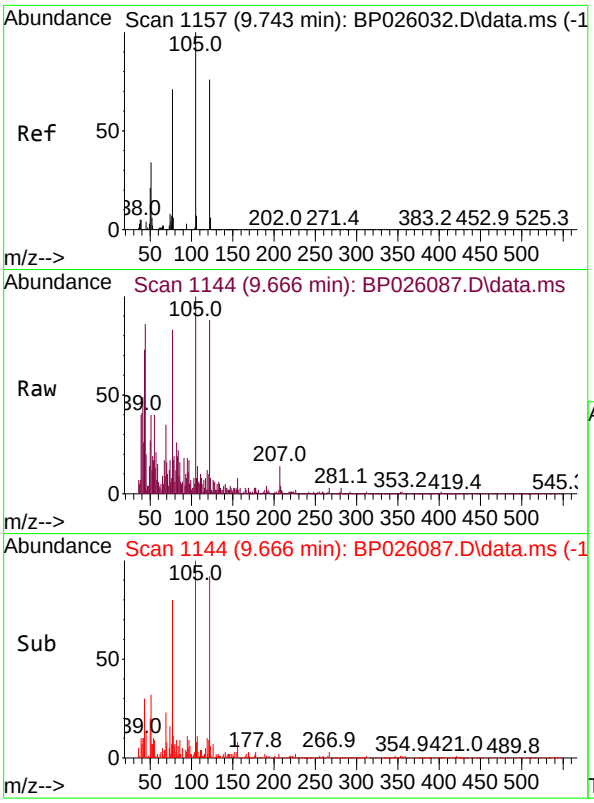


#23
Nitrobenzene-d5
Concen: 102.490 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 82 Resp: 2001097

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.4	42.7	64.1



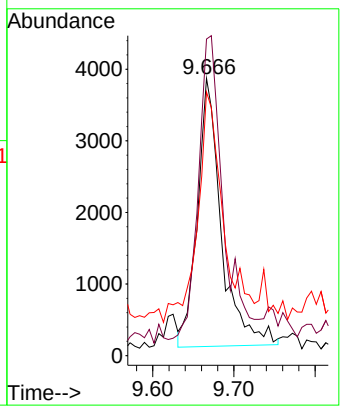


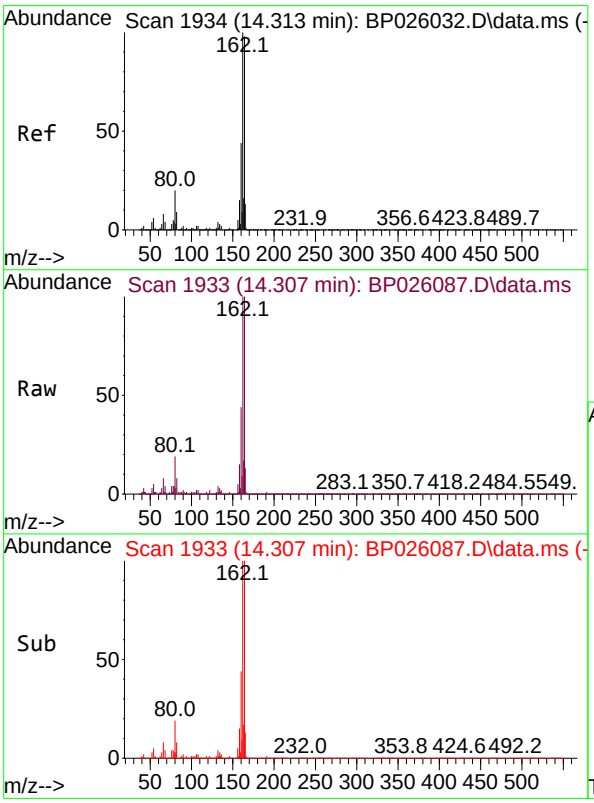
#32
Benzoic acid
Concen: 4.047 ng
RT: 9.666 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:122 Resp: 7661

Ion	Ratio	Lower	Upper
122	100		
105	114.2	104.8	144.8
77	95.1	70.9	110.9

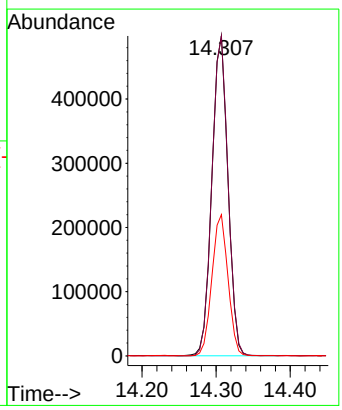


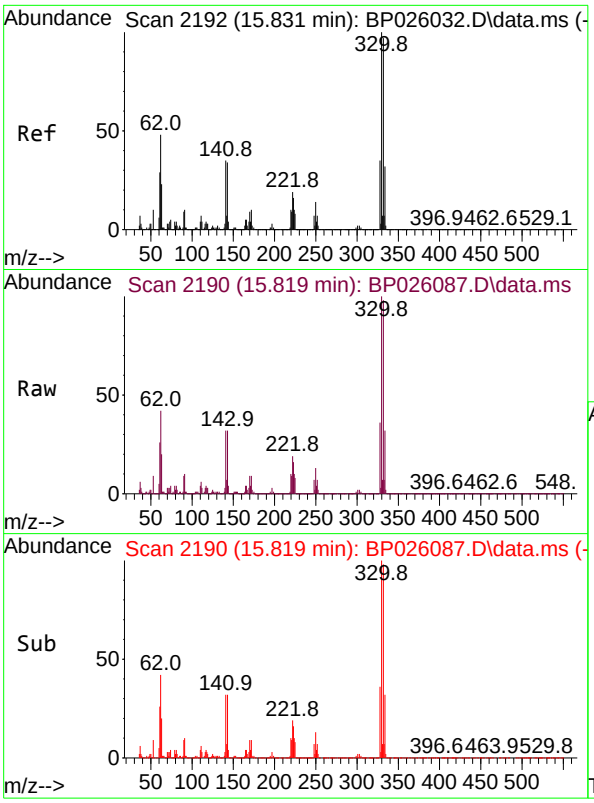


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:164 Resp: 747328

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.5	122.3
160	44.2	36.2	54.4



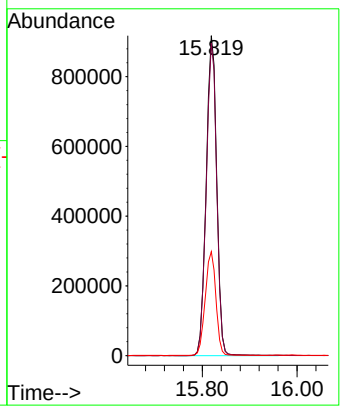


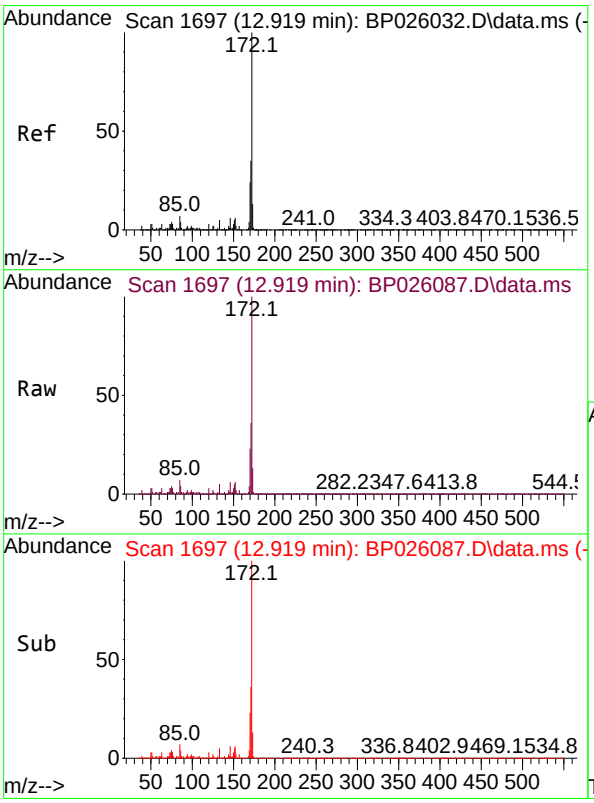
#42
2,4,6-Tribromophenol
Concen: 174.790 ng
RT: 15.819 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:330 Resp: 1412192

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.0	28.6	42.8

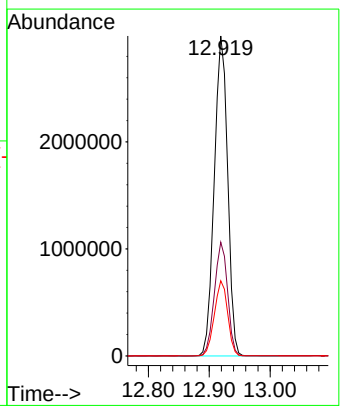


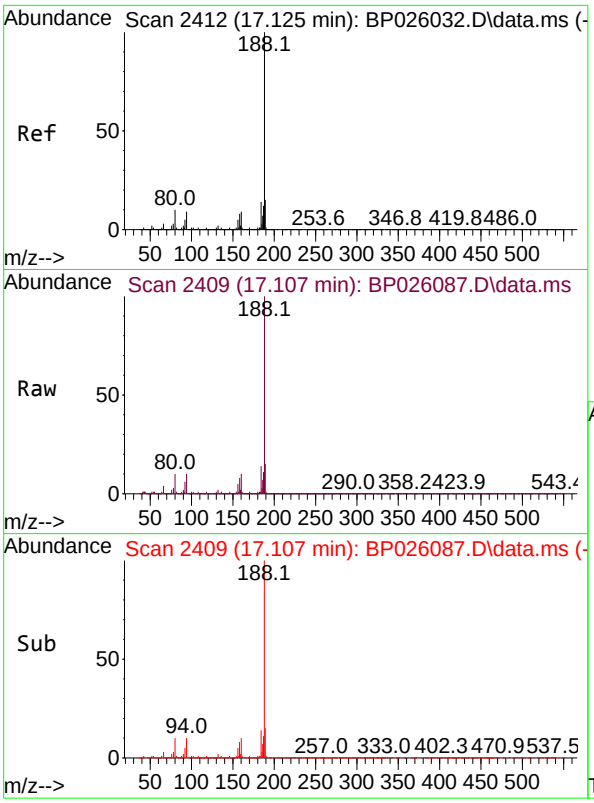


#45
2-Fluorobiphenyl
Concen: 87.896 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:172 Resp: 4571378

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.5	19.0	28.4



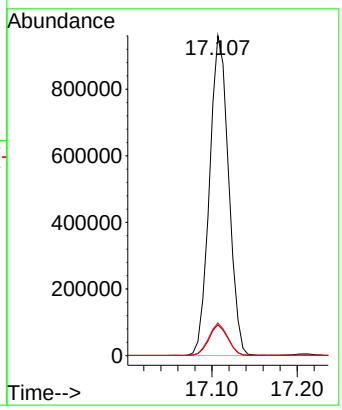


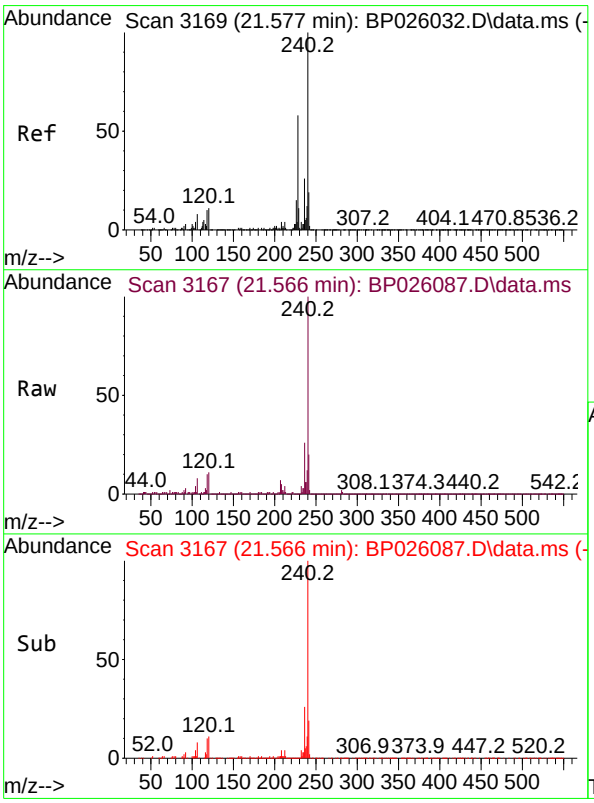
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 24
Delta R.T. -0.017 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:188 Resp: 1494853

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.2	7.9	11.9

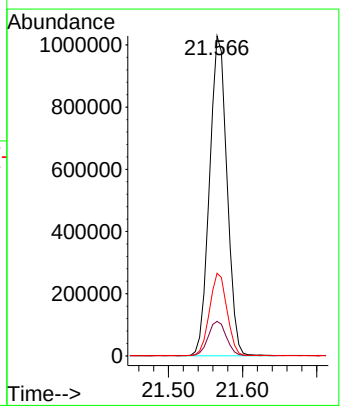


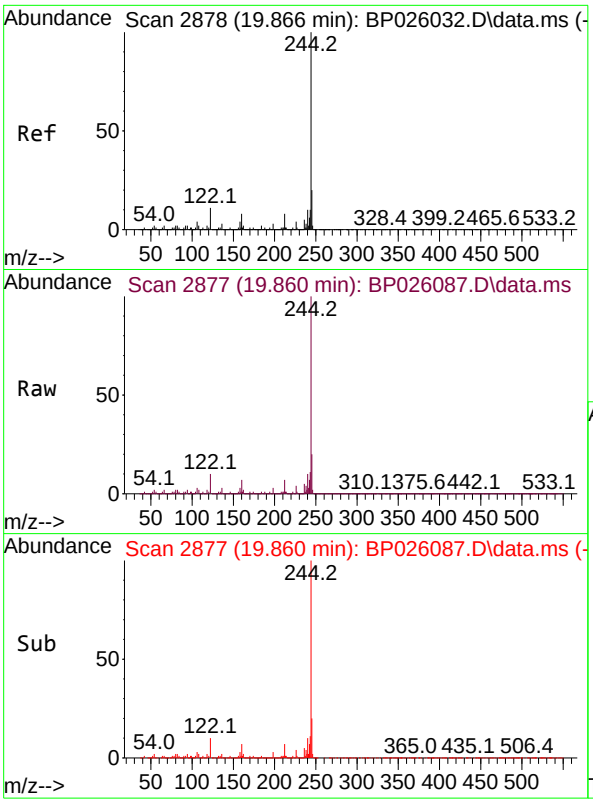


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:240 Resp: 1682256

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.9	20.6	31.0



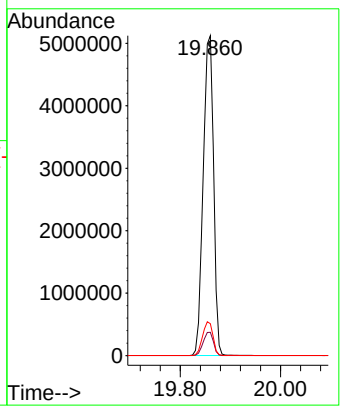


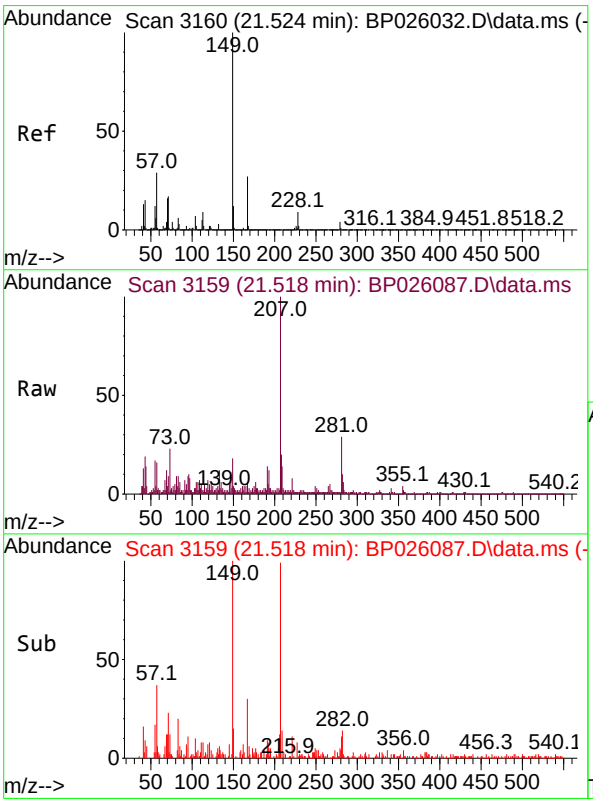
#79
Terphenyl-d14
Concen: 88.945 ng
RT: 19.860 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:244 Resp: 7364724

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.0	9.0	13.6

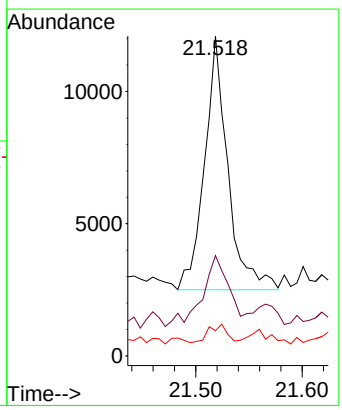


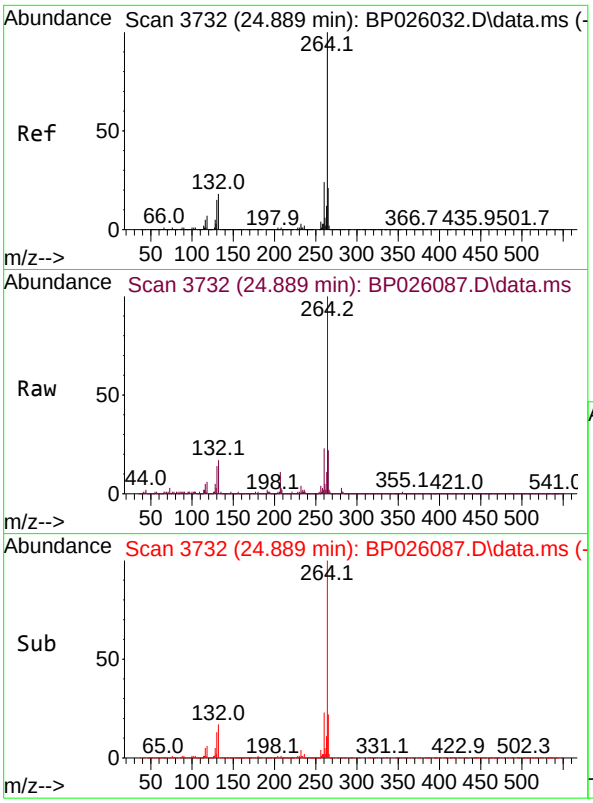


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.801 ng
RT: 21.518 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:149 Resp: 14632

Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.5	32.3
279	7.9	3.0	4.6#



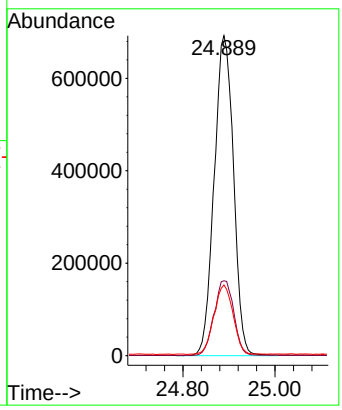


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:264 Resp: 2021321

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026087.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

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: BP026087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.231	46	50	60	rVB	175284	234648	1.20%	0.236%
2	4.596	274	282	287	rBV	158015	272029	1.39%	0.274%
3	5.296	394	401	411	rVB	3811215	5707569	29.08%	5.745%
4	6.855	659	666	677	rBV	3093372	5192238	26.46%	5.227%
5	7.678	799	806	814	rBV	1110840	1770479	9.02%	1.782%
6	8.425	927	933	944	rVB	1508470	2387128	12.16%	2.403%
7	8.813	992	999	1006	rVB	3613149	5827283	29.69%	5.866%
8	9.272	1071	1077	1084	rVB	174262	268946	1.37%	0.271%
9	10.443	1268	1276	1283	rBV	1432881	2400771	12.23%	2.417%
10	10.972	1360	1366	1374	rBV	207142	402227	2.05%	0.405%
11	12.919	1690	1697	1704	rBV	8609377	12940091	65.94%	13.026%
12	13.966	1869	1875	1882	rVB4	136194	221835	1.13%	0.223%
13	14.107	1894	1899	1908	rVB	284536	469151	2.39%	0.472%
14	14.307	1926	1933	1943	rVB	2050573	3169319	16.15%	3.190%
15	15.495	2131	2135	2142	rVB	195500	262999	1.34%	0.265%
16	15.689	2163	2168	2174	rVB	504648	726411	3.70%	0.731%
17	15.819	2183	2190	2199	rBV	6800753	10603622	54.03%	10.674%
18	16.519	2305	2309	2314	rBV	197499	274635	1.40%	0.276%
19	17.107	2403	2409	2416	rVB2	2318737	3684374	18.77%	3.709%
20	17.313	2439	2444	2451	rBV2	164128	274699	1.40%	0.277%
21	17.389	2452	2457	2462	rVV	204114	322546	1.64%	0.325%
22	17.825	2526	2531	2540	rVB2	319588	512705	2.61%	0.516%
23	17.930	2545	2549	2556	rVV	297283	450936	2.30%	0.454%
24	18.072	2568	2573	2582	rBV	1884193	3004638	15.31%	3.025%
25	18.166	2586	2589	2602	rVB2	200268	353267	1.80%	0.356%
26	18.289	2604	2610	2622	rBV	2621880	3937264	20.06%	3.963%
27	19.277	2775	2778	2786	rVB2	280398	435837	2.22%	0.439%
28	19.413	2796	2801	2813	rBV	467166	786558	4.01%	0.792%
29	19.860	2870	2877	2882	rBV	13603916	19623874	100.00%	19.754%
30	21.260	3111	3115	3124	rBV	882708	1210781	6.17%	1.219%
31	21.566	3162	3167	3176	rVB2	2709068	4492961	22.90%	4.523%
32	23.442	3480	3486	3494	rVB	803615	1722838	8.78%	1.734%
33	24.889	3723	3732	3748	rVB	1818701	5395737	27.50%	5.432%

Sum of corrected areas: 99340396

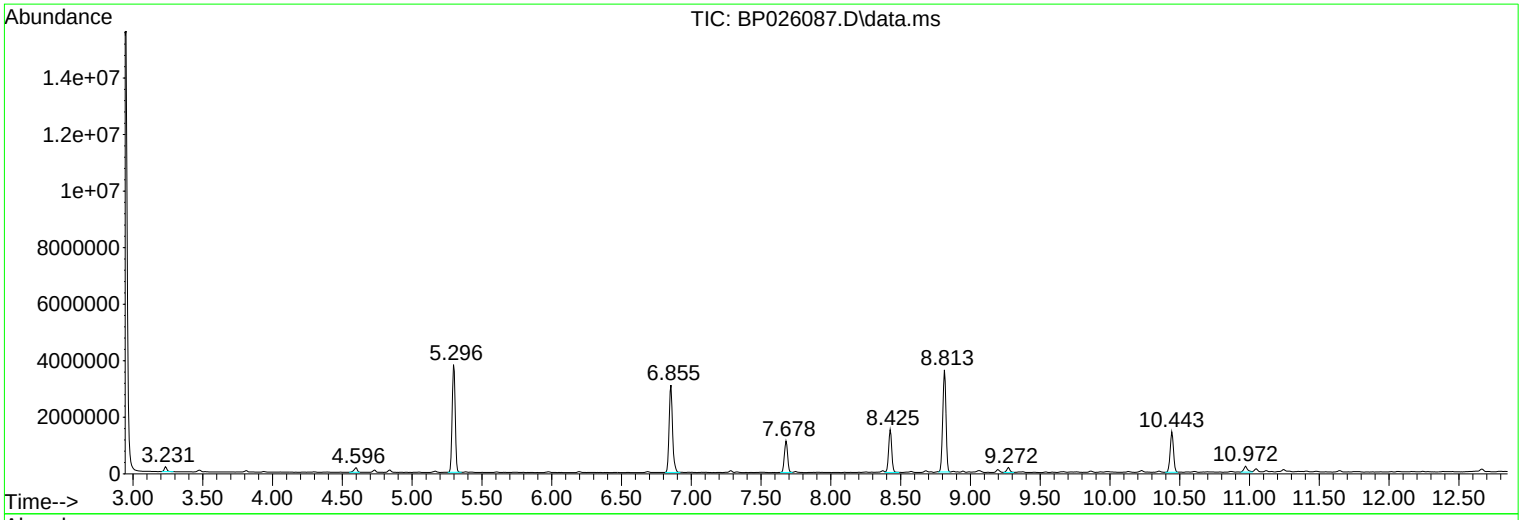
Sample Results: **BP026087.D**

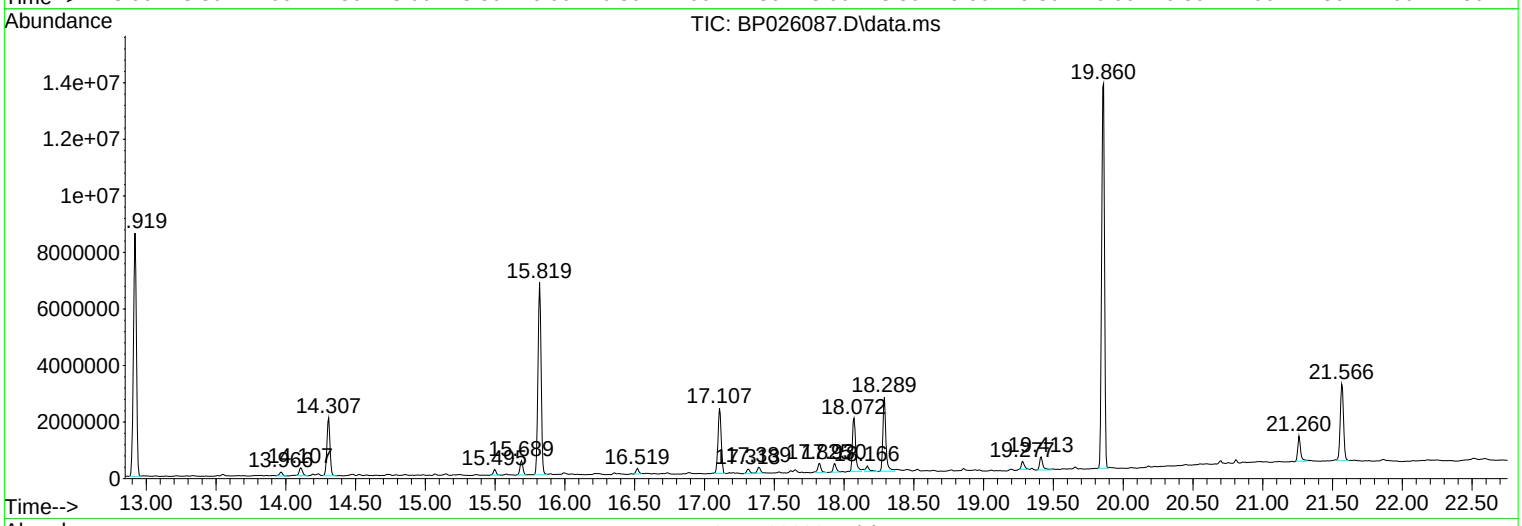
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Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

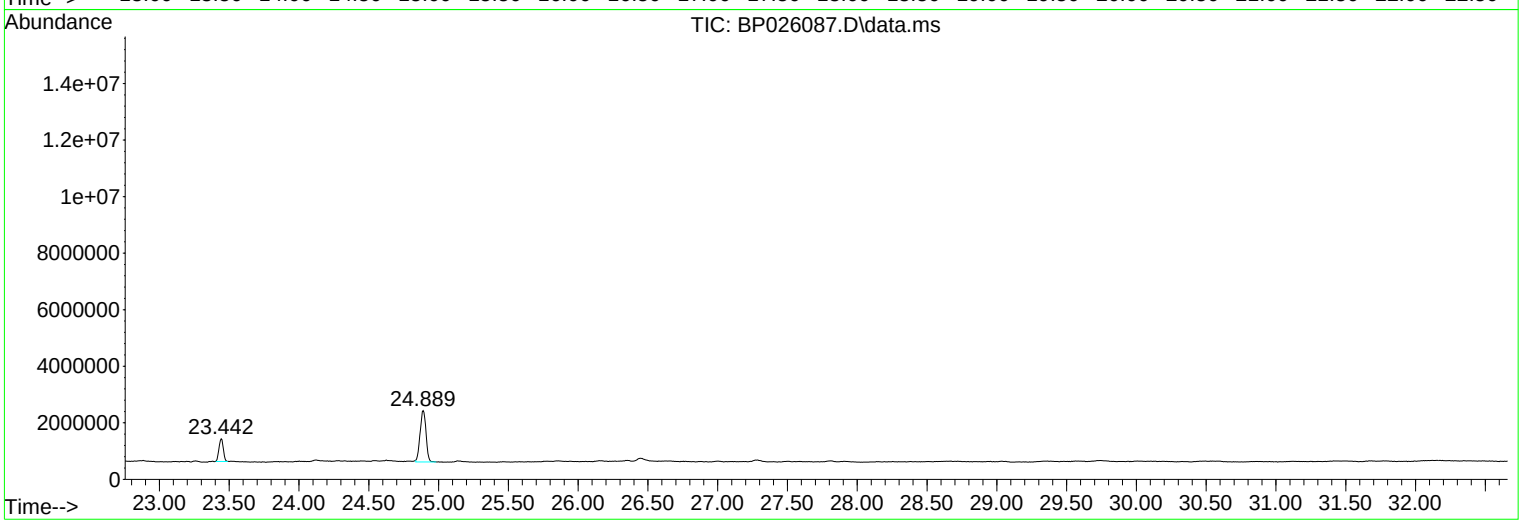
Instrument :
BNA_P
ClientSampleId :
MW-8

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 : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

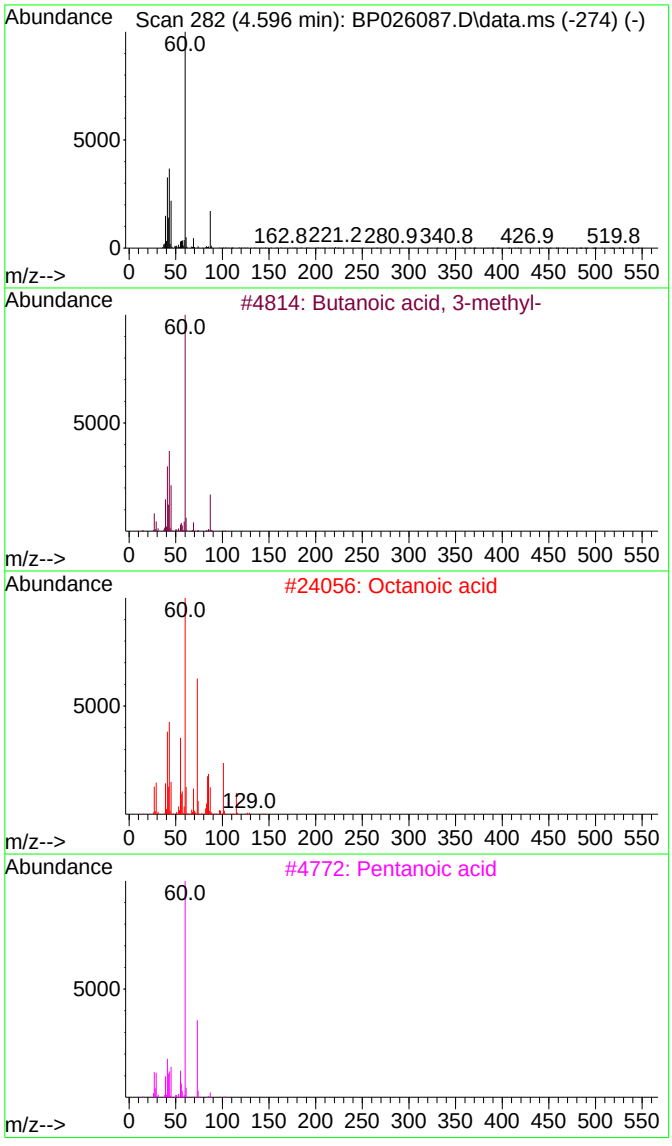
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TIC Integration Parameters: LSCINT.P

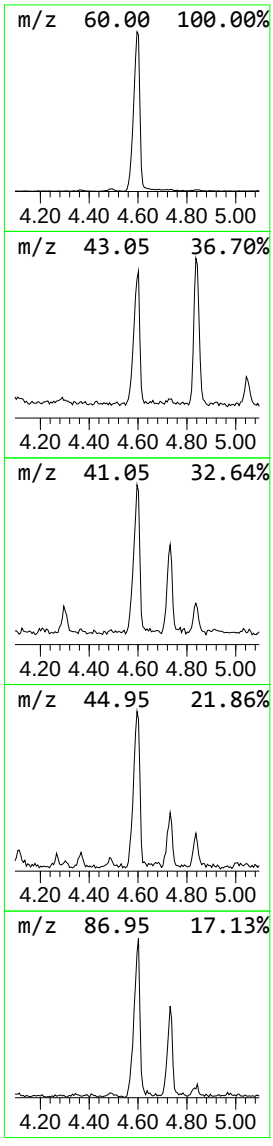
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.596	3.07 ng	272029	1,4-Dichlorobenzene-d4	7.678

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Octanoic acid	144	C8H16O2	000124-07-2	38
3	Pentanoic acid	102	C5H10O2	000109-52-4	38
4	Heptanoic acid	130	C7H14O2	000111-14-8	36
5	Urea, N-methyl-N-nitroso-	103	C2H5N3O2	000684-93-5	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

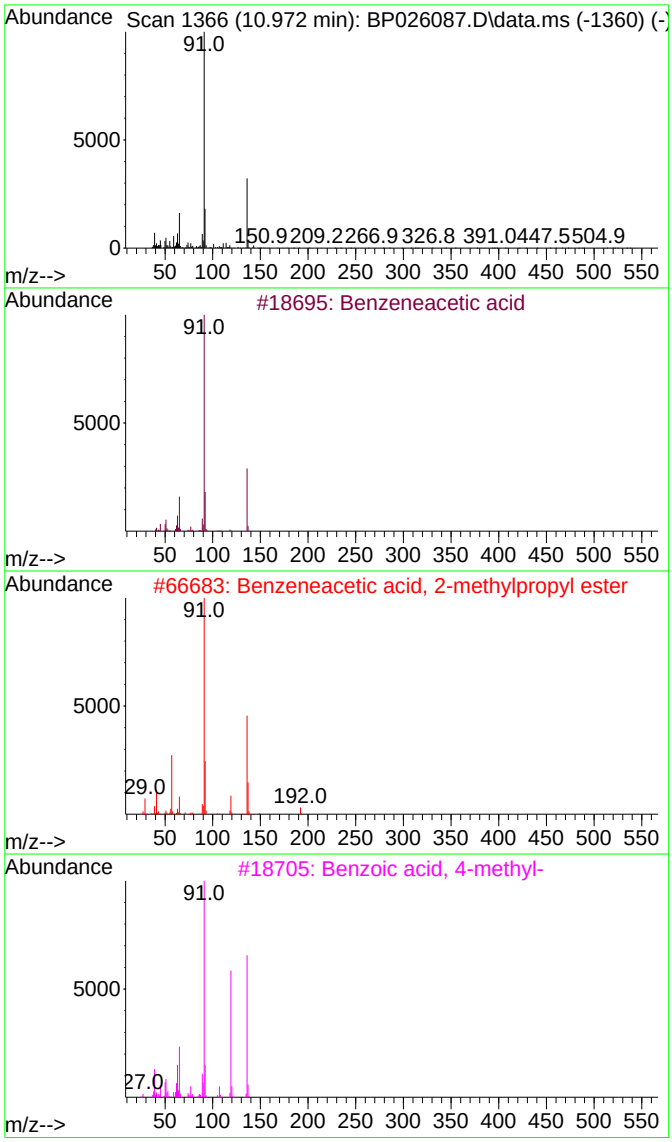
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TIC Integration Parameters: LSCINT.P

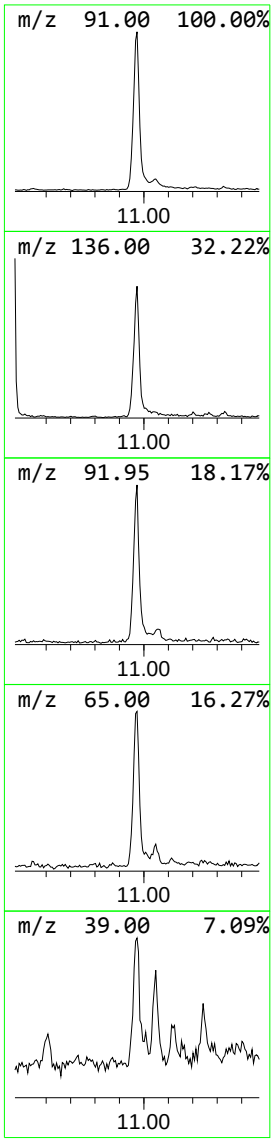
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Peak Number 3 Benzeneacetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	3.35 ng	402227	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2	Benzeneacetic acid, 2-methylprop...	192	C12H16O2	000102-13-6	59
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	53
4	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	49
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

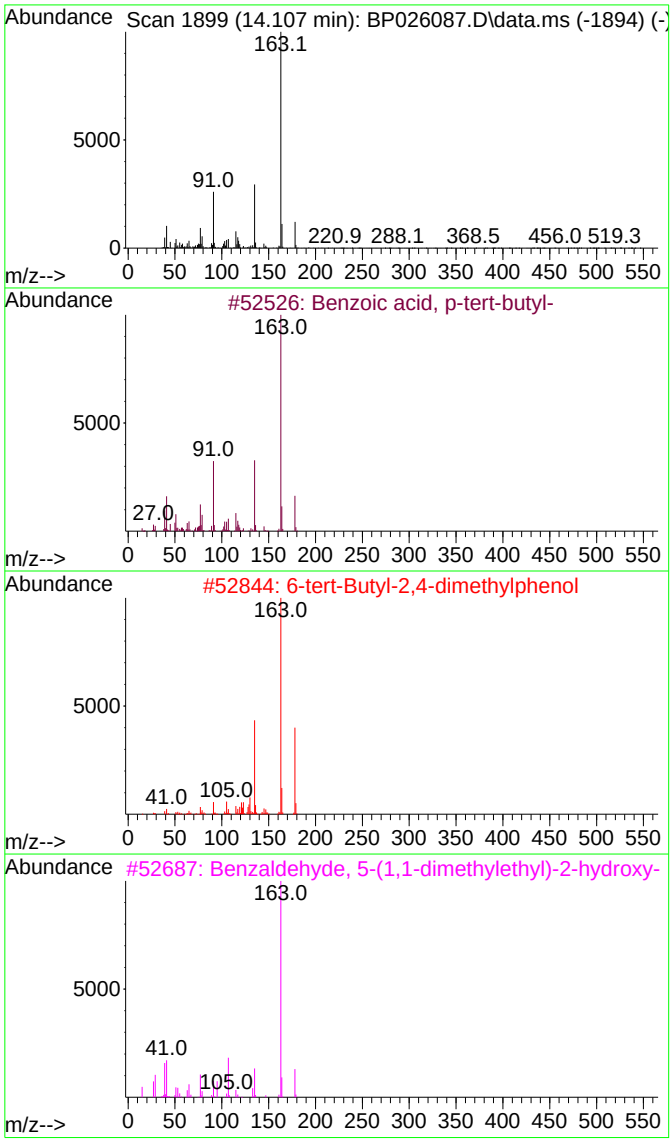
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TIC Integration Parameters: LSCINT.P

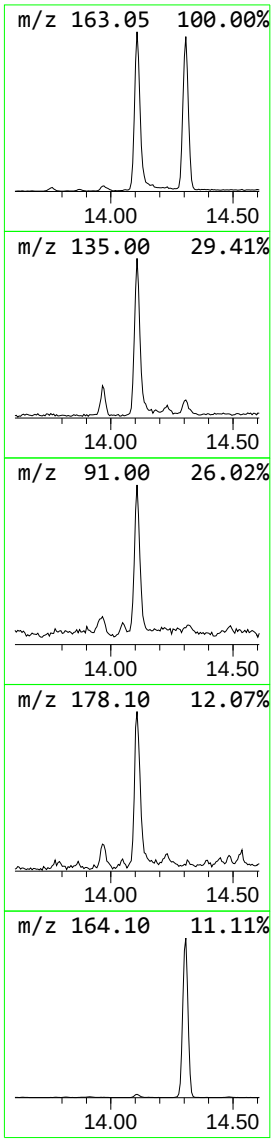
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Peak Number 4 Benzoic acid, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.107	2.96 ng	469151	Acenaphthene-d10	14.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	80
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	80
4	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	64
5	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

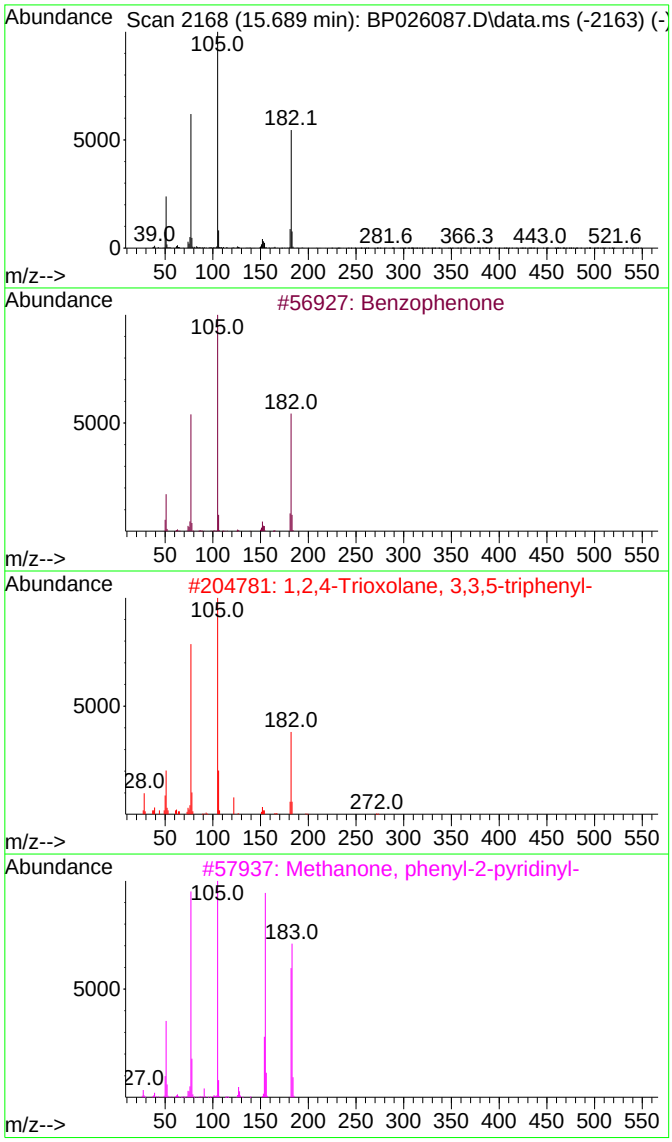
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

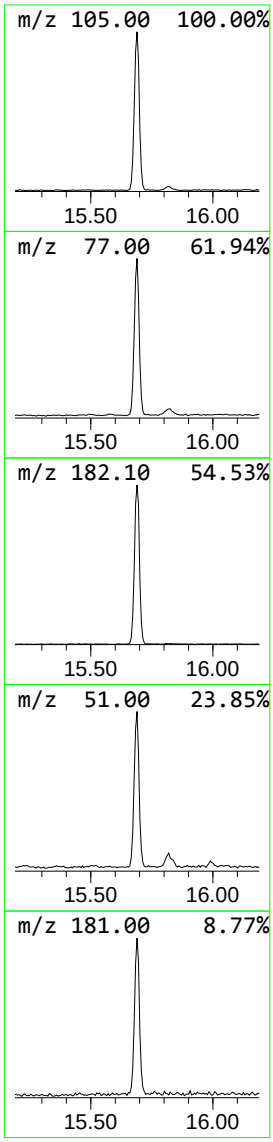
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Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.689	4.58 ng	726411	Acenaphthene-d10	14.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

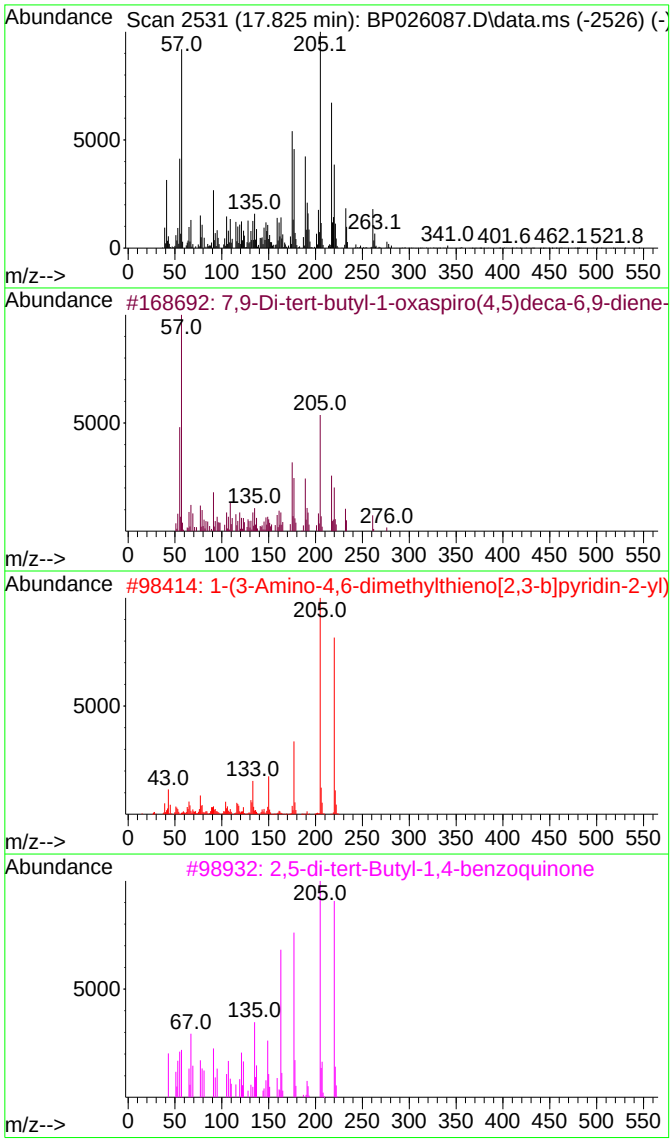
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

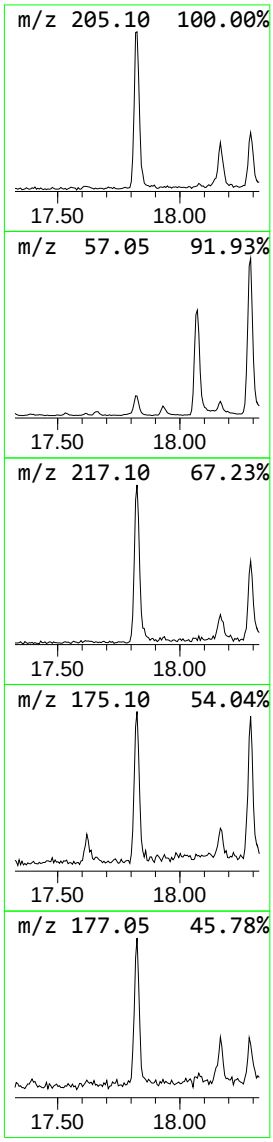
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.825	2.78 ng	512705	Phenanthrene-d10	17.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	55
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	50
4	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	45
5	(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...	220	C15H24O	104188-25-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

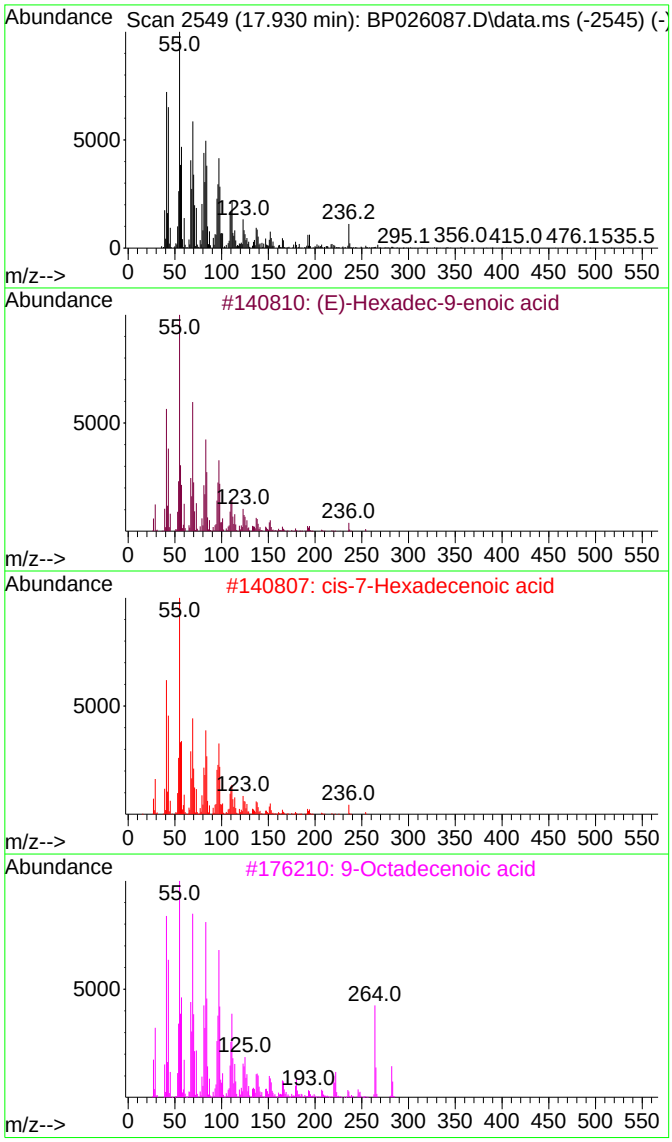
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TIC Integration Parameters: LSCINT.P

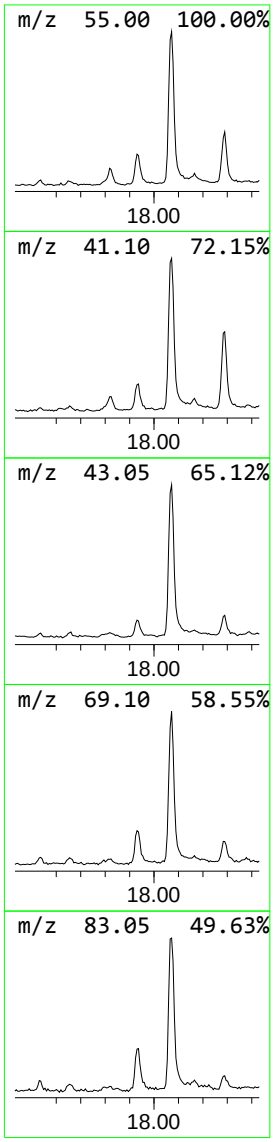
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Peak Number 7 (E)-Hexadec-9-enoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.930	2.45 ng	450936	Phenanthrene-d10	17.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	94
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

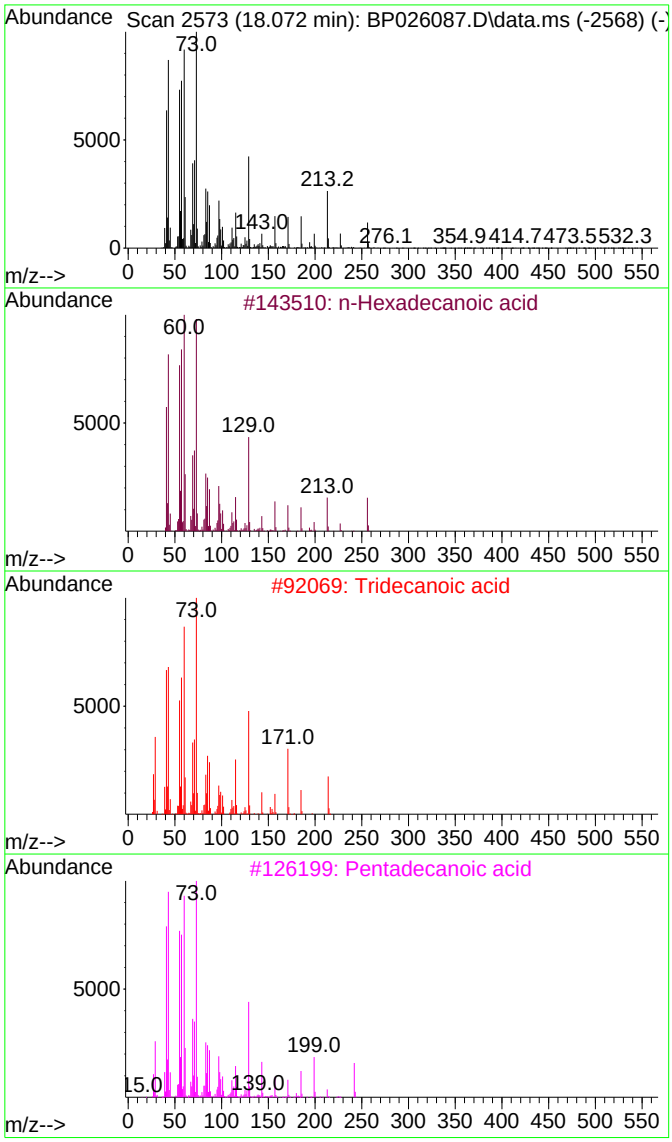
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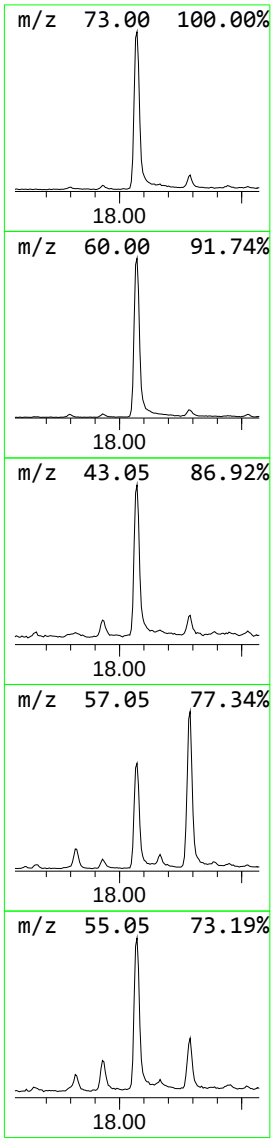
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Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.072	16.31 ng	3004640	Phenanthrene-d10	17.107

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

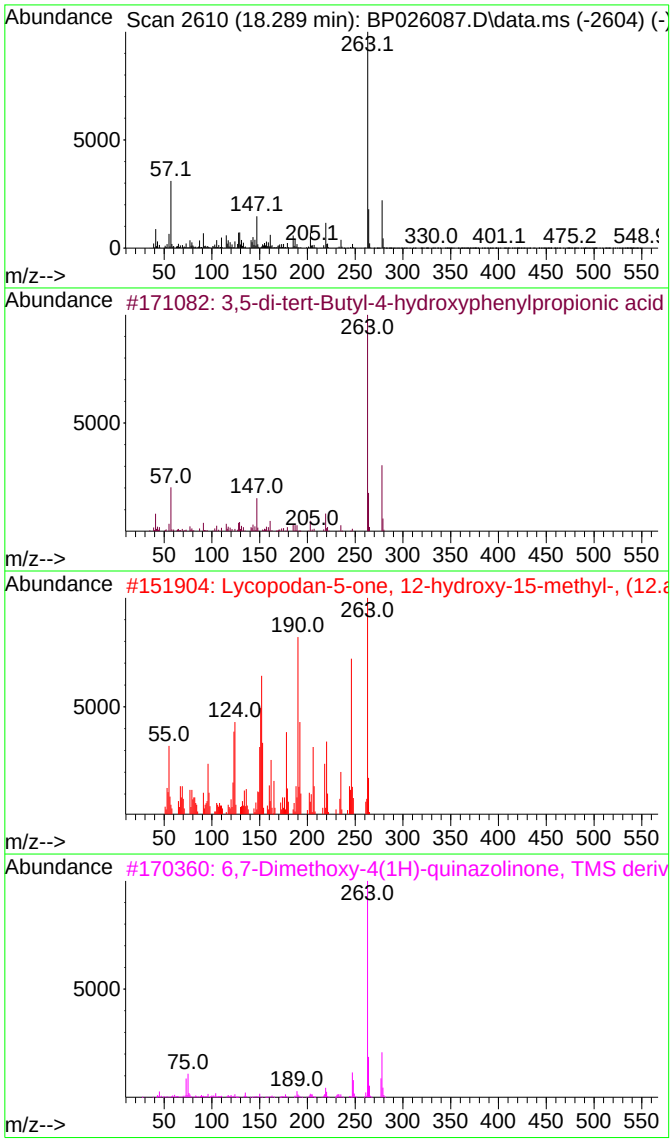
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

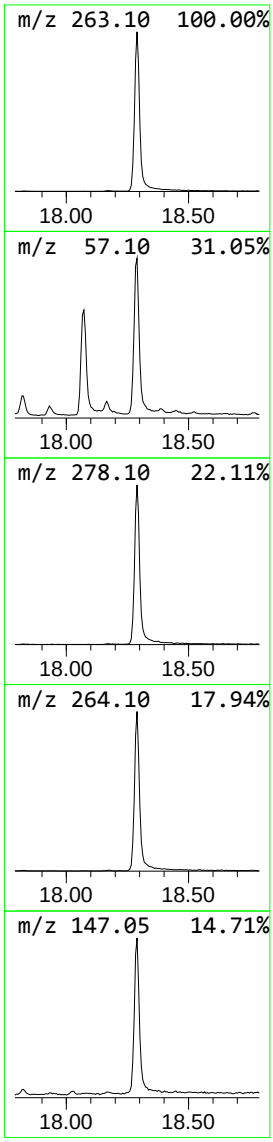
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	21.37 ng	3937260	Phenanthrene-d10	17.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
3	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	72
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

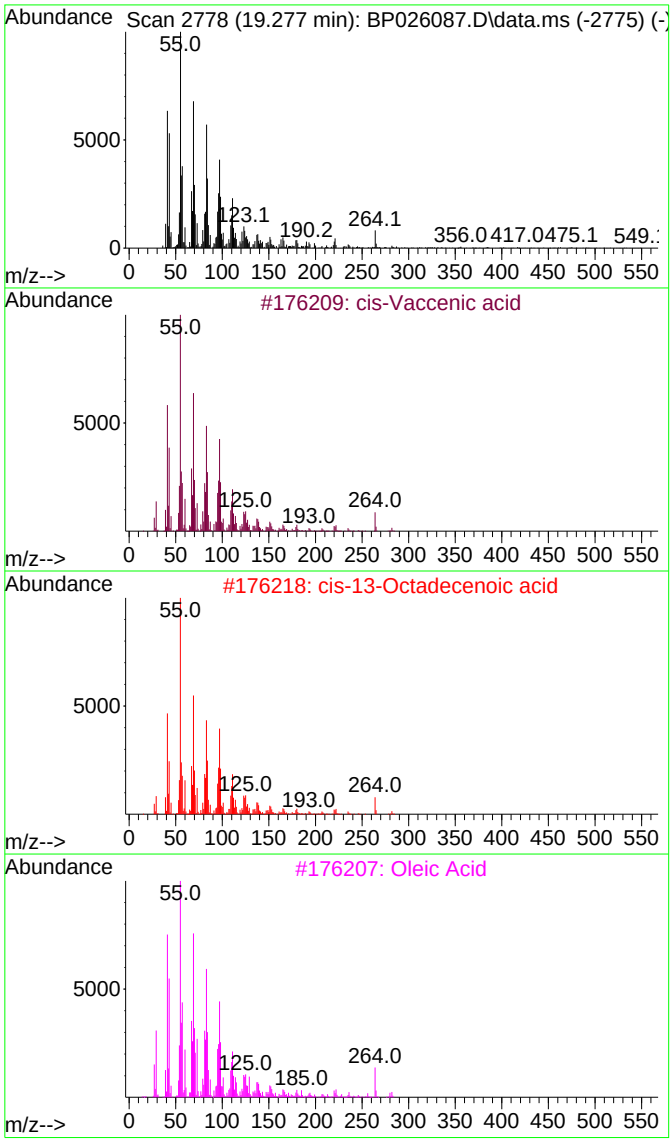
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TIC Integration Parameters: LSCINT.P

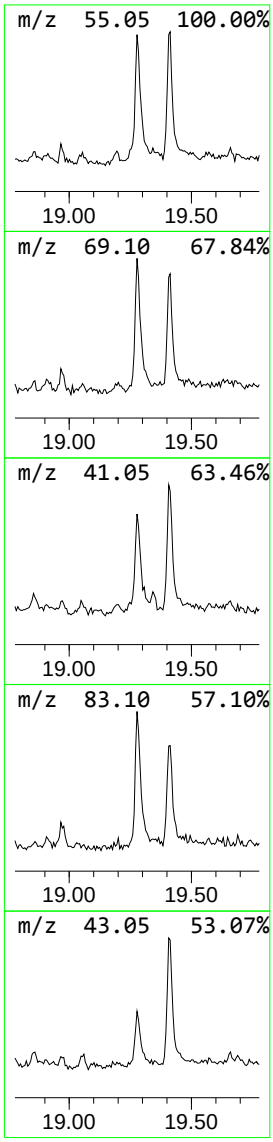
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Peak Number 10 cis-Vaccenic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.277	2.37 ng	435837	Phenanthrene-d10	17.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
3	Oleic Acid	282	C18H34O2	000112-80-1	94
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

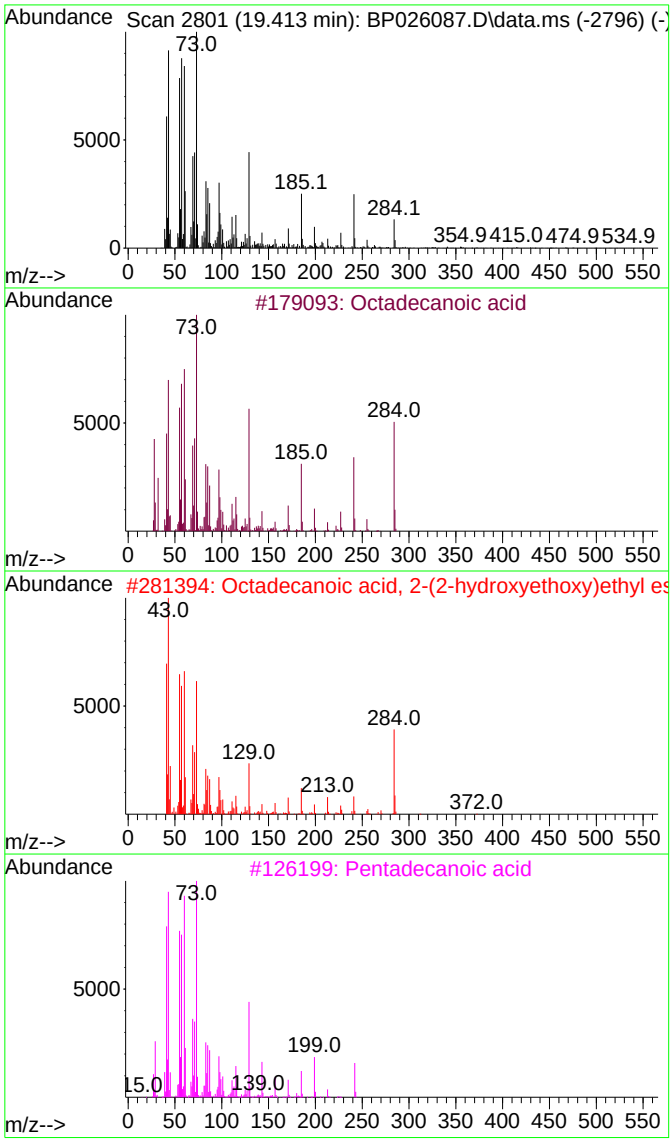
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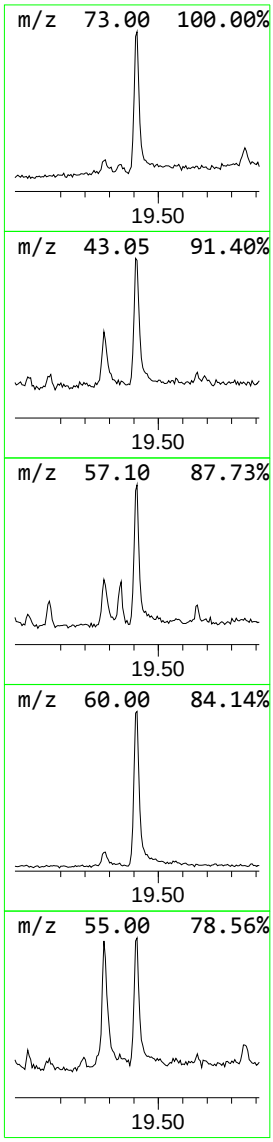
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Peak Number 11 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.413	3.50 ng	786558	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

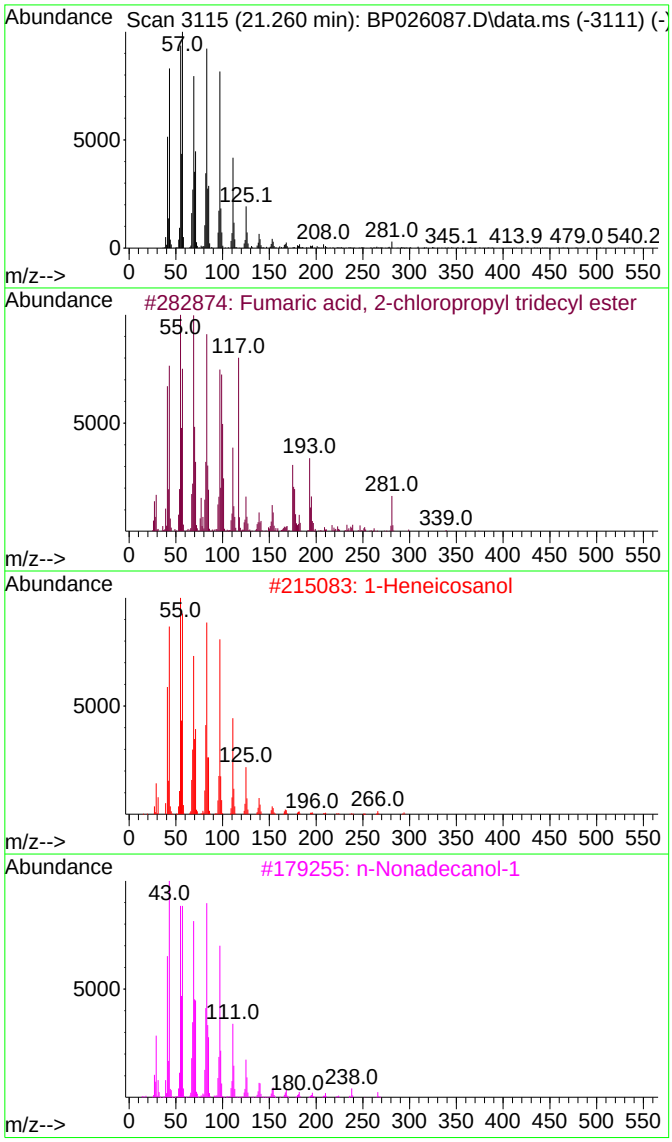
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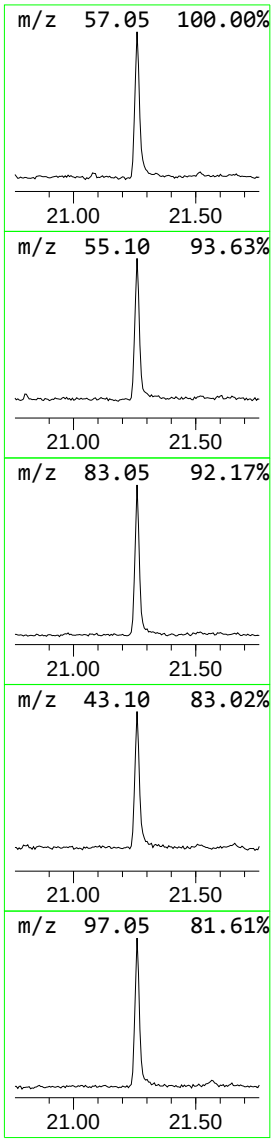
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fumaric acid, 2-chloropropy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	5.39 ng	1210780	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	95
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

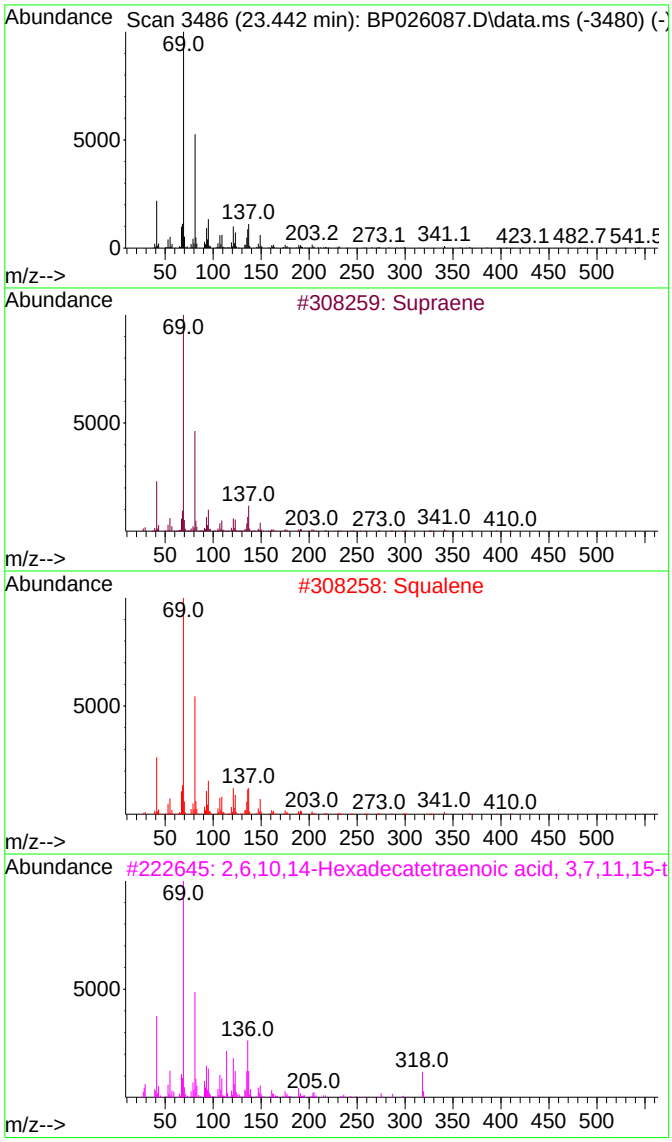
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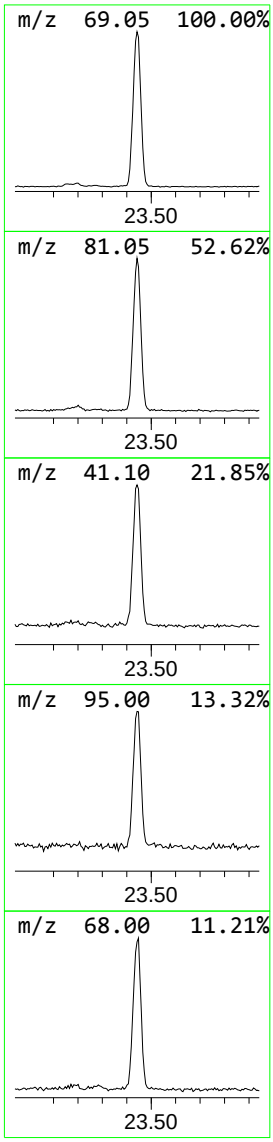
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Peak Number 13 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.442	6.39 ng	1722840	Perylene-d12	24.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	78
4	Farnesol isomer a	222	C15H26O	1000108-92-4	64
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026087.D
Acq On : 06 Nov 2025 21:52
Operator : RC/JU
Sample : Q3552-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8

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
Butanoic acid, ...	4.596	3.1	ng	272029	1	7.678	1770480	20.0
Benzeneacetic acid	10.972	3.4	ng	402227	2	10.443	2400770	20.0
Benzoic acid, p...	14.107	3.0	ng	469151	3	14.307	3169320	20.0
Benzophenone	15.689	4.6	ng	726411	3	14.307	3169320	20.0
7,9-Di-tert-but...	17.825	2.8	ng	512705	4	17.107	3684370	20.0
(E)-Hexadec-9-e...	17.930	2.5	ng	450936	4	17.107	3684370	20.0
n-Hexadecanoic ...	18.072	16.3	ng	3004640	4	17.107	3684370	20.0
3,5-di-tert-But...	18.289	21.4	ng	3937260	4	17.107	3684370	20.0
cis-Vaccenic acid	19.277	2.4	ng	435837	4	17.107	3684370	20.0
Octadecanoic acid	19.413	3.5	ng	786558	5	21.566	4492960	20.0
Fumaric acid, 2...	21.260	5.4	ng	1210780	5	21.566	4492960	20.0
Supraene	23.442	6.4	ng	1722840	6	24.889	5395740	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Nov 07 00:01:27 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

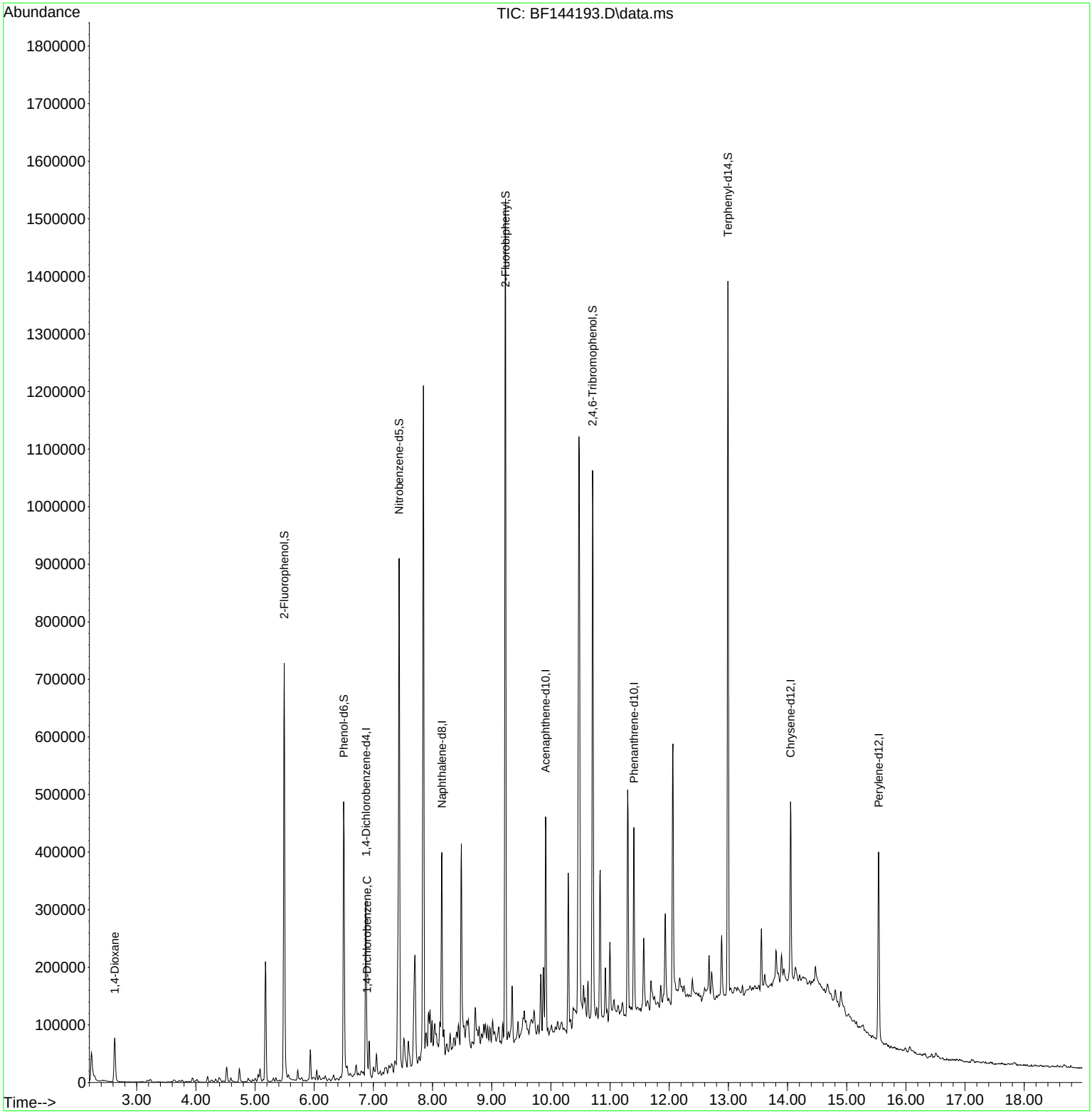
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61143	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	221818	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112288	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	175620	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162091	20.000	ng	0.00
86) Perylene-d12	15.539	264	216815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	286460	73.316	ng	0.00
7) Phenol-d6	6.498	99	215740	48.731	ng	0.00
23) Nitrobenzene-d5	7.434	82	353401	92.015	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	176078	124.959	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	702796	92.439	ng	0.00
79) Terphenyl-d14	12.992	244	670155	65.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	41311	25.574	ng	97
13) 1,4-Dichlorobenzene	6.893	146	17263	3.644	ng	99

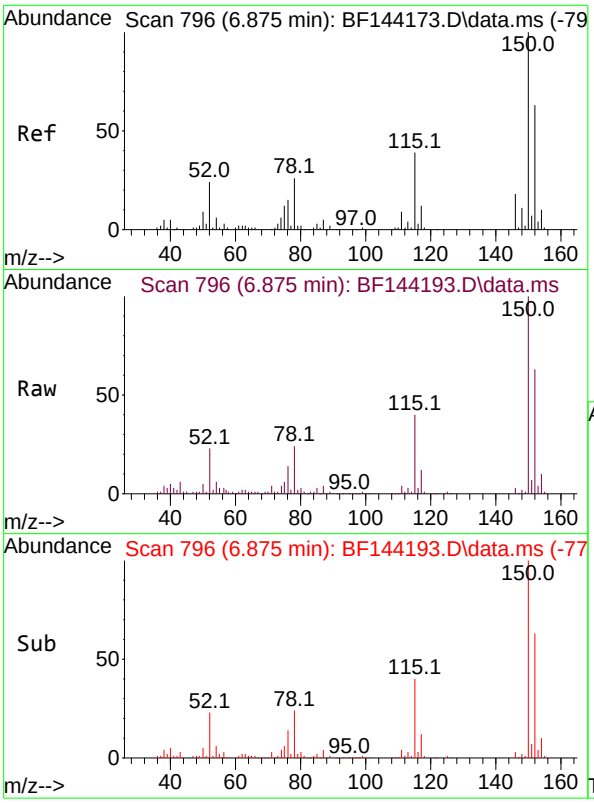
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Nov 07 00:01:27 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



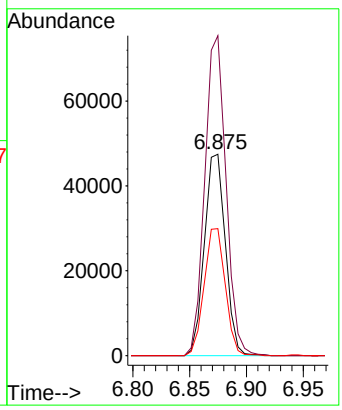


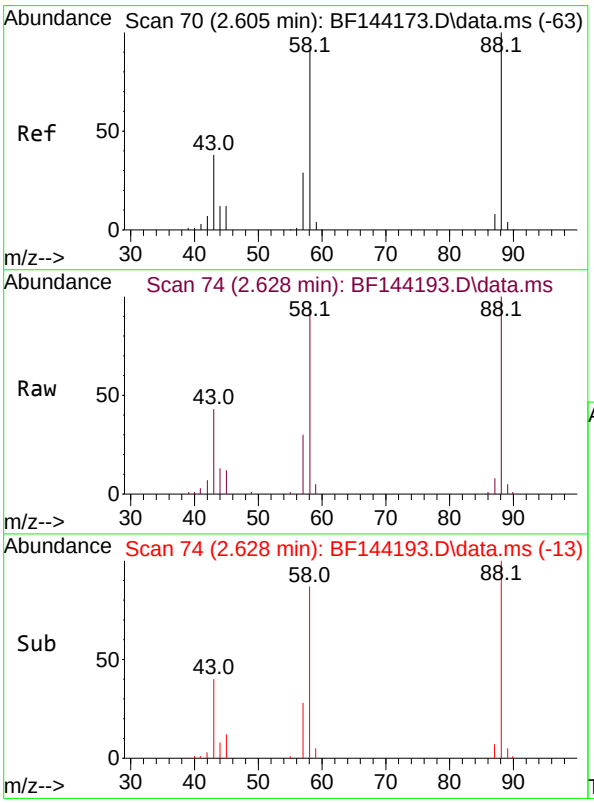
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 61143

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.4	191.0
115	63.1	49.5	74.3

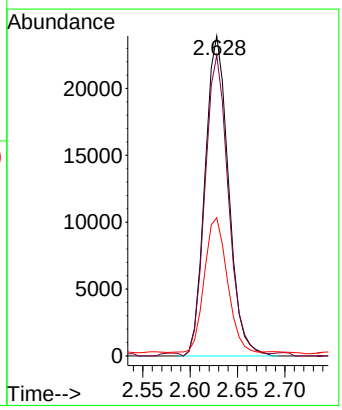


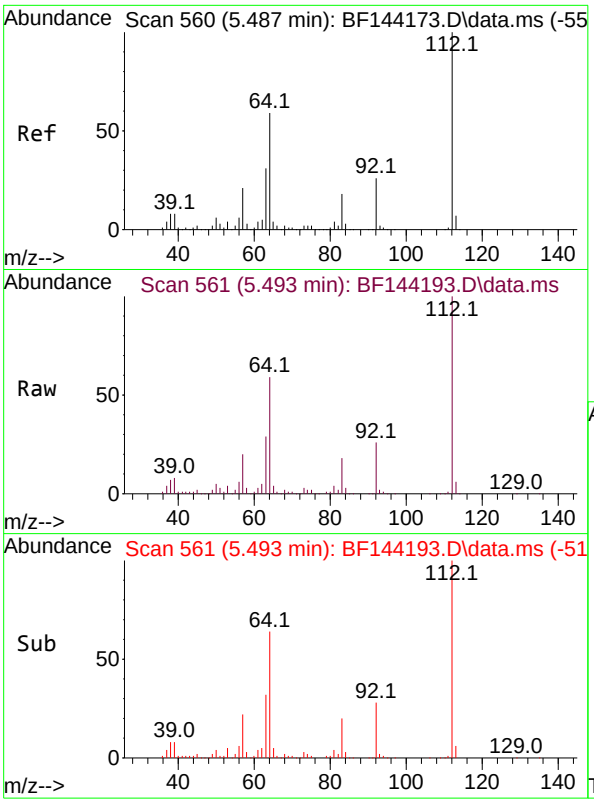


#2
1,4-Dioxane
Concen: 25.574 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion: 88 Resp: 41311

Ion	Ratio	Lower	Upper
88	100		
58	93.7	73.1	109.7
43	41.0	31.0	46.6



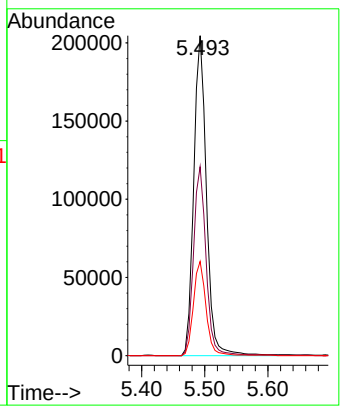


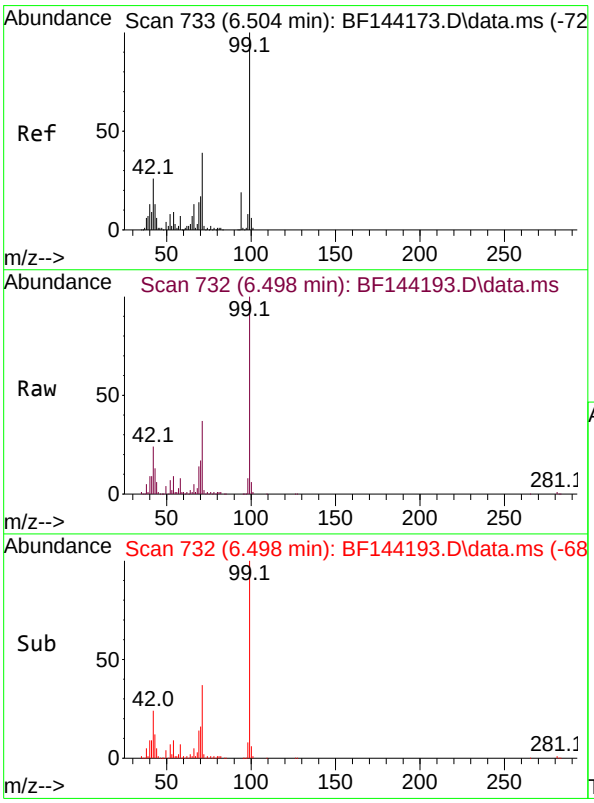
#5
2-Fluorophenol
Concen: 73.316 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:112 Resp: 286460

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.2	70.8
63	29.4	24.4	36.6

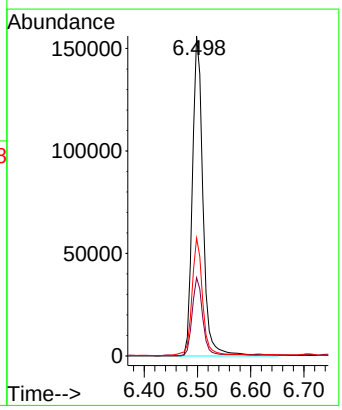


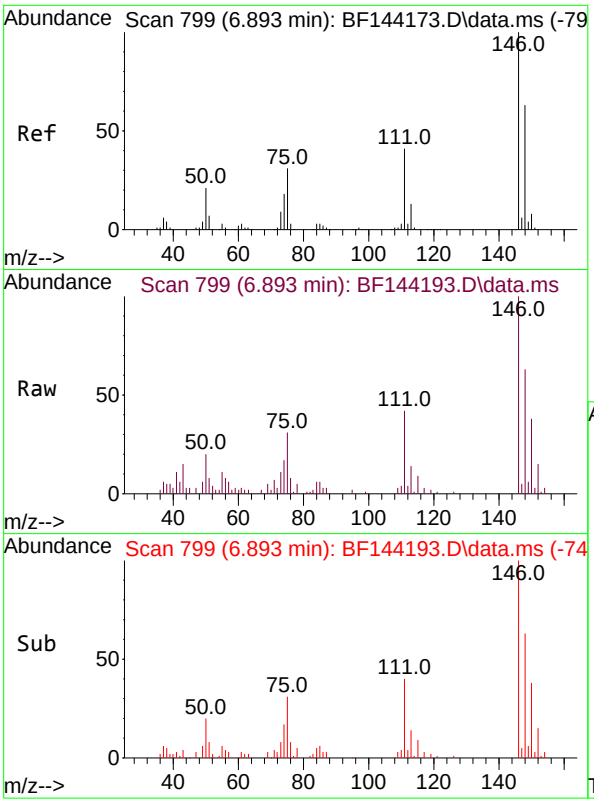


#7
Phenol-d6
Concen: 48.731 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion: 99 Resp: 215740

Ion	Ratio	Lower	Upper
99	100		
42	24.4	20.9	31.3
71	36.8	31.4	47.2



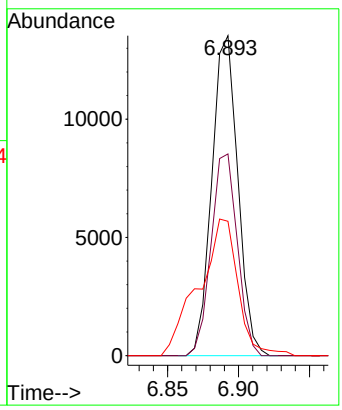


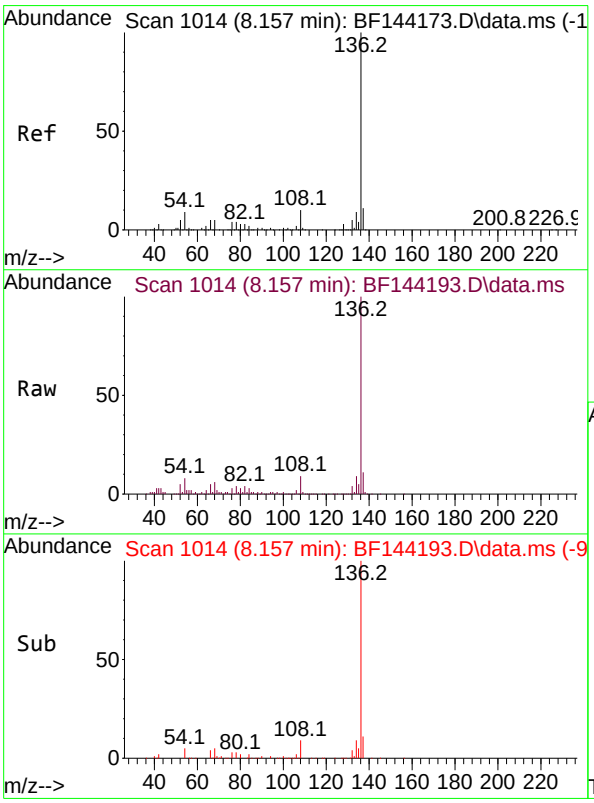
#13
1,4-Dichlorobenzene
Concen: 3.644 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:146 Resp: 17263

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.2	75.2
111	42.0	32.6	48.8

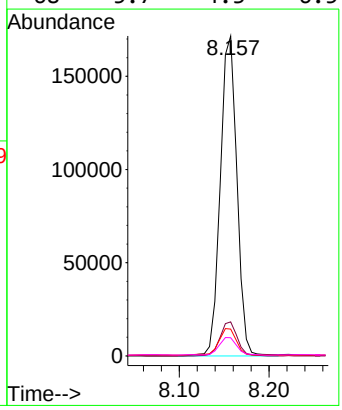


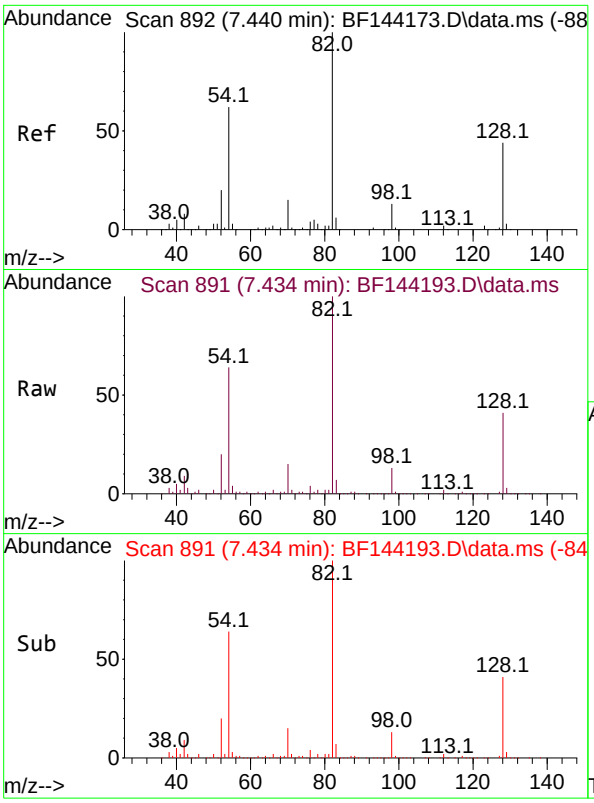


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:136 Resp: 221818

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	7.0	10.6
68	5.7	4.3	6.5



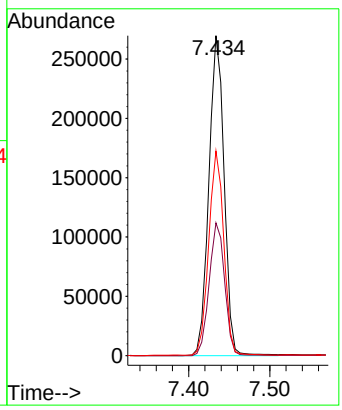


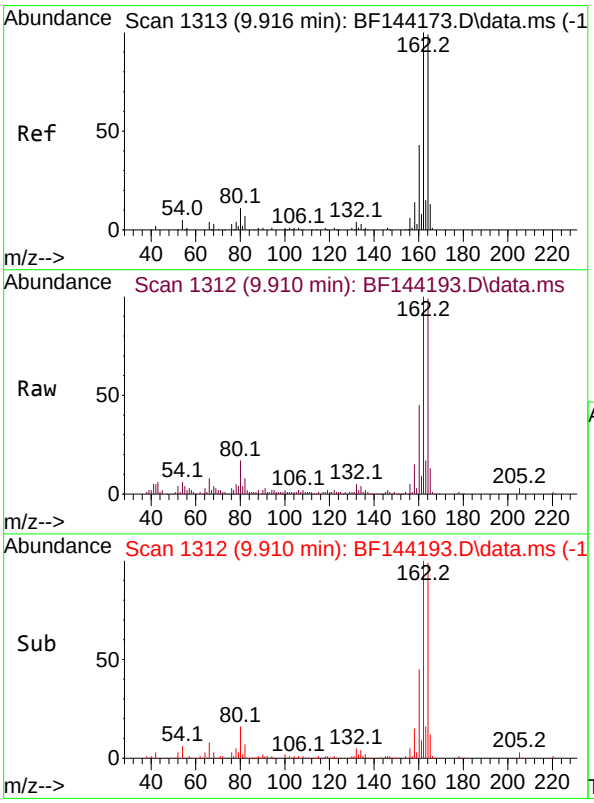
#23
Nitrobenzene-d5
Concen: 92.015 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 353401

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.7	52.1
54	63.9	49.5	74.3

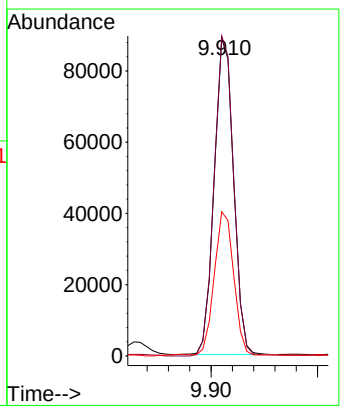


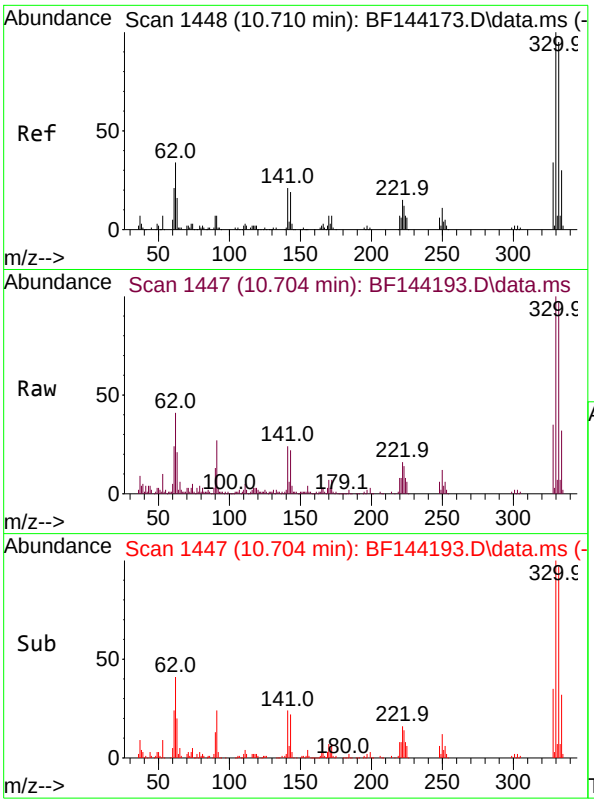


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:164 Resp: 112288

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	45.4	34.5	51.7



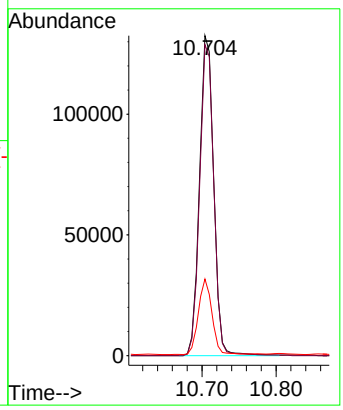


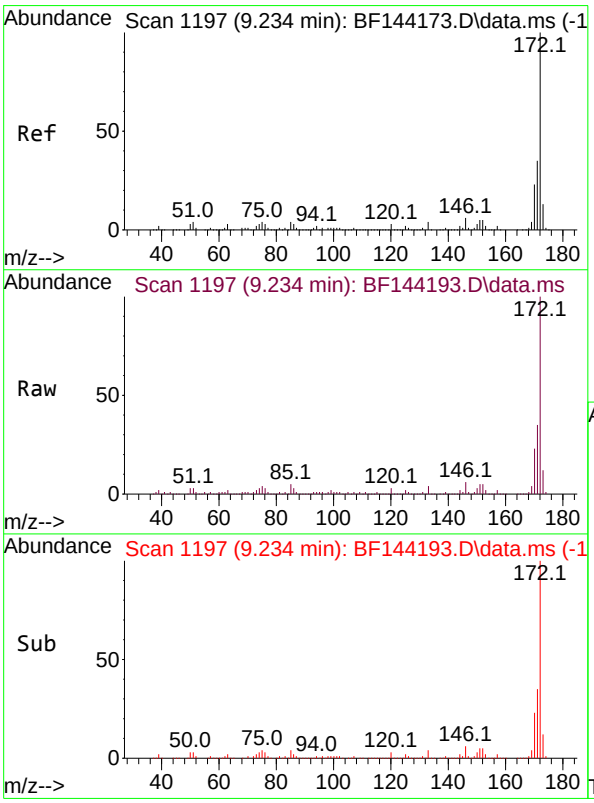
#42
2,4,6-Tribromophenol
Concen: 124.959 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 176078

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	22.7	17.8	26.8

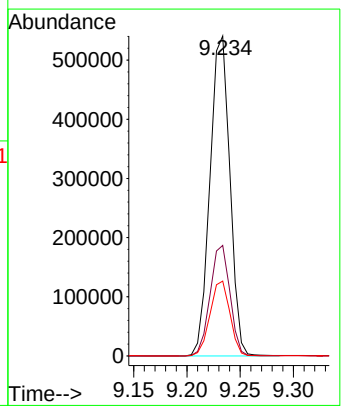


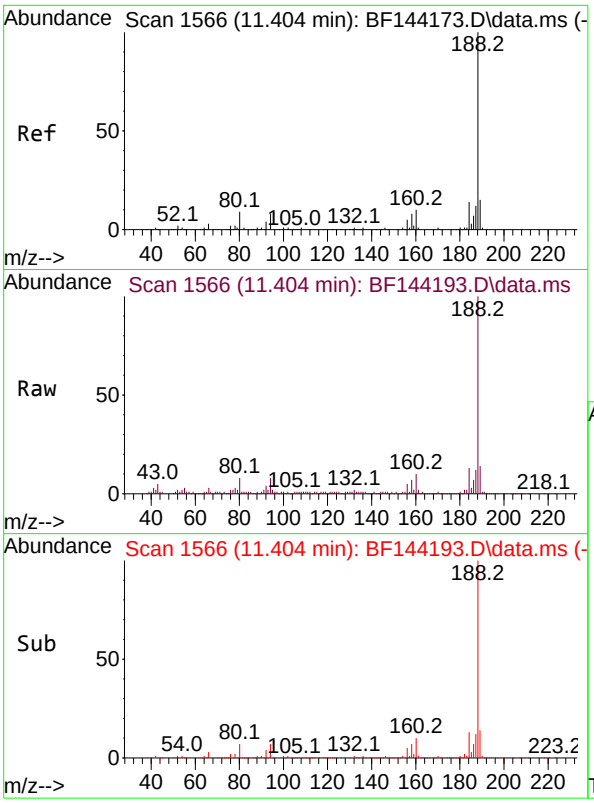


#45
2-Fluorobiphenyl
Concen: 92.439 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:172 Resp: 702796

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.4	18.6	28.0



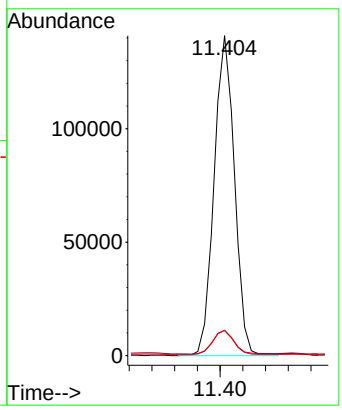


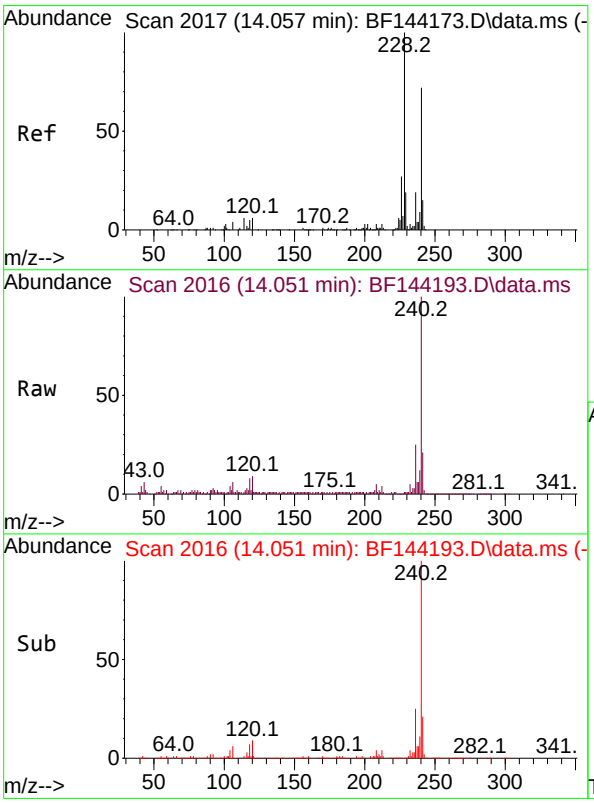
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 175620

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	7.8	6.9	10.3

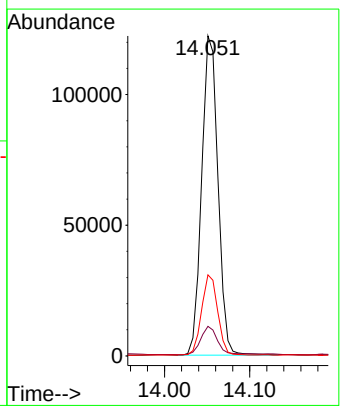


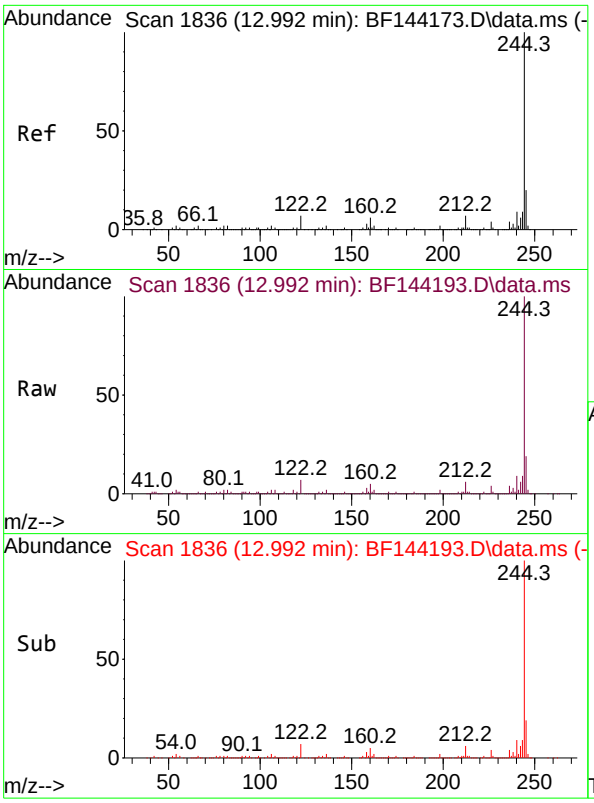


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:240 Resp: 162091

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.6	10.0
236	25.3	21.4	32.2



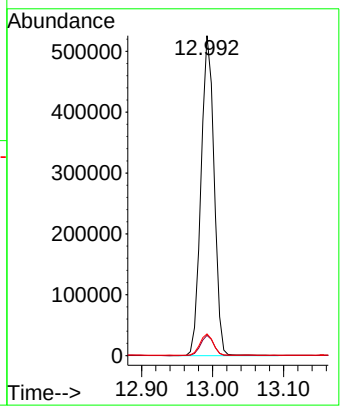


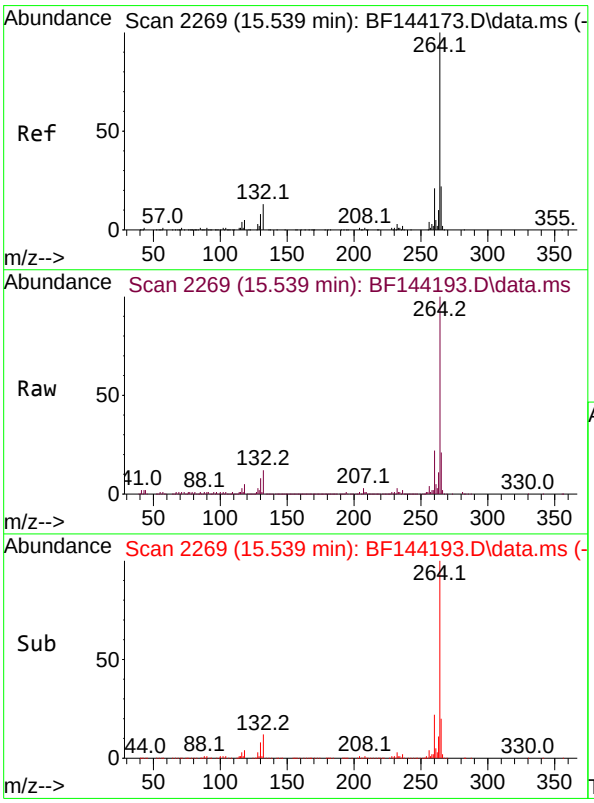
#79
Terphenyl-d14
Concen: 65.672 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 670155

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	6.8	5.6	8.4

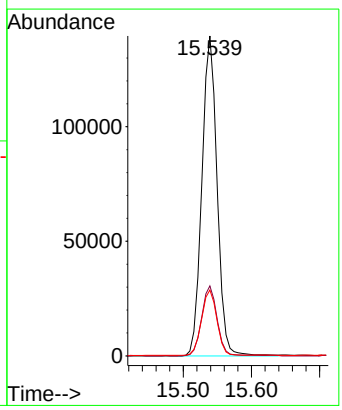




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144193.D
Acq: 06 Nov 2025 17:53

Tgt Ion:264 Resp: 216815

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.1	25.7
265	20.6	17.4	26.0



Sample Results: **BF144193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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: BF144193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	3	7	15	rBV	47077	94862	4.95%	0.456%
2	2.628	68	74	88	rVB	77007	138112	7.21%	0.664%
3	4.522	390	396	403	rBV2	25036	39989	2.09%	0.192%
4	4.734	427	432	443	rBV	23344	38130	1.99%	0.183%
5	5.081	488	491	497	rVB	21014	31472	1.64%	0.151%
6	5.175	502	507	517	rVB	208188	284977	14.87%	1.369%
7	5.493	552	561	571	rBV	726175	1016514	53.05%	4.885%
8	5.722	596	600	604	rBV	17243	22297	1.16%	0.107%
9	5.934	631	636	641	rBV	51146	63636	3.32%	0.306%
10	6.046	651	655	658	rVB	16419	19595	1.02%	0.094%
11	6.328	695	703	708	rBV5	10102	21038	1.10%	0.101%
12	6.498	725	732	740	rBV	479306	671118	35.03%	3.225%
13	6.710	763	768	772	rVB3	17456	23872	1.25%	0.115%
14	6.875	791	796	802	rBV2	302819	458943	23.95%	2.205%
15	6.928	802	805	813	rVB2	63652	85800	4.48%	0.412%
16	7.004	813	818	821	rBV	18033	31726	1.66%	0.152%
17	7.051	822	826	832	rVB4	34122	50014	2.61%	0.240%
18	7.263	858	862	865	rBV6	13425	23226	1.21%	0.112%
19	7.363	875	879	883	rBV2	19392	41176	2.15%	0.198%
20	7.434	883	891	900	rVV2	890094	1414668	73.83%	6.798%
21	7.516	900	905	914	rVV4	51725	110480	5.77%	0.531%
22	7.592	914	918	925	rVV6	44919	84065	4.39%	0.404%
23	7.704	928	937	944	rBV	191935	436220	22.77%	2.096%
24	7.845	952	961	965	rBV	1172806	1576779	82.30%	7.577%
25	7.892	965	969	973	rVV4	31758	52783	2.75%	0.254%
26	7.934	973	976	978	rVV	60910	80672	4.21%	0.388%
27	7.957	978	980	983	rVB2	59040	61254	3.20%	0.294%
28	7.992	983	986	989	rVB2	43570	47226	2.46%	0.227%
29	8.034	989	993	996	rBV2	37502	56604	2.95%	0.272%
30	8.122	1005	1008	1010	rBV2	42142	53948	2.82%	0.259%
31	8.157	1010	1014	1018	rVV	333769	427187	22.30%	2.053%
32	8.192	1018	1020	1023	rVB	43720	43997	2.30%	0.211%
33	8.239	1024	1028	1033	rBV7	18540	34822	1.82%	0.167%
34	8.298	1034	1038	1042	rBV4	29028	39801	2.08%	0.191%
35	8.404	1053	1056	1059	rBV5	21053	33310	1.74%	0.160%
36	8.439	1059	1062	1066	rVB3	35247	44047	2.30%	0.212%

Sample Results: **BF144193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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	8.487	1066	1070	1076	rBV	348897	500544	26.12%	2.405%
38	8.581	1081	1086	1088	rBV3	28100	53920	2.81%	0.259%
39	8.722	1106	1110	1114	rBV	63538	108378	5.66%	0.521%
40	8.787	1119	1121	1125	rVB3	30612	31380	1.64%	0.151%
41	8.863	1132	1134	1137	rBV3	19808	22913	1.20%	0.110%
42	8.934	1143	1146	1149	rVB2	23944	27630	1.44%	0.133%
43	8.969	1149	1152	1156	rVB3	24847	29813	1.56%	0.143%
44	9.016	1156	1160	1163	rBV3	37431	57270	2.99%	0.275%
45	9.186	1185	1189	1191	rBV2	34538	42074	2.20%	0.202%
46	9.234	1191	1197	1201	rVB	1462014	1915999	100.00%	9.207%
47	9.345	1212	1216	1221	rVB3	98395	139174	7.26%	0.669%
48	9.828	1294	1298	1302	rBV	99991	133430	6.96%	0.641%
49	9.875	1302	1306	1309	rVV3	110667	147494	7.70%	0.709%
50	9.910	1309	1312	1317	rVB	371429	464908	24.26%	2.234%
51	10.292	1373	1377	1381	rBV	278110	346837	18.10%	1.667%
52	10.381	1388	1392	1394	rBV4	35229	56724	2.96%	0.273%
53	10.475	1401	1408	1418	rBV	1002864	1792122	93.53%	8.612%
54	10.551	1419	1421	1424	rBV	33137	33294	1.74%	0.160%
55	10.628	1430	1434	1438	rVB	64953	84148	4.39%	0.404%
56	10.704	1442	1447	1456	rVB2	947740	1323407	69.07%	6.359%
57	10.833	1464	1469	1475	rBV	254510	361936	18.89%	1.739%
58	10.922	1480	1484	1487	rBV	82138	98283	5.13%	0.472%
59	10.998	1493	1497	1503	rBV	133235	195116	10.18%	0.938%
60	11.298	1543	1548	1553	rBV	392890	519125	27.09%	2.495%
61	11.404	1561	1566	1573	rVB	315980	403244	21.05%	1.938%
62	11.569	1590	1594	1601	rVB	118780	170969	8.92%	0.822%
63	11.692	1612	1615	1622	rBV2	47302	98791	5.16%	0.475%
64	11.857	1640	1643	1648	rBV5	33115	44936	2.35%	0.216%
65	11.933	1652	1656	1664	rVB2	152523	227309	11.86%	1.092%
66	12.063	1673	1678	1688	rBV	450128	715324	37.33%	3.437%
67	12.674	1779	1782	1786	rVB	66213	77668	4.05%	0.373%
68	12.886	1814	1818	1825	rVB	103977	149273	7.79%	0.717%
69	12.992	1831	1836	1841	rBV	1237088	1571475	82.02%	7.552%
70	13.557	1928	1932	1936	rBV	106708	133774	6.98%	0.643%
71	14.051	2012	2016	2024	rVB	307663	416197	21.72%	2.000%
72	15.539	2263	2269	2284	rVB	334590	560696	29.26%	2.694%

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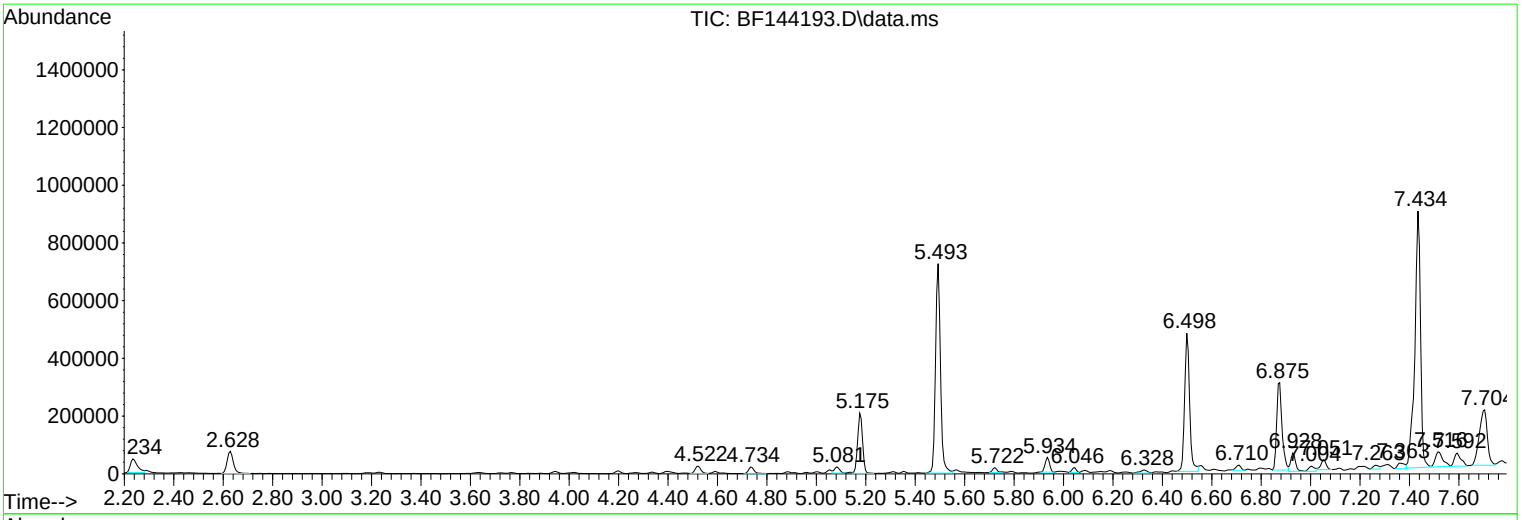
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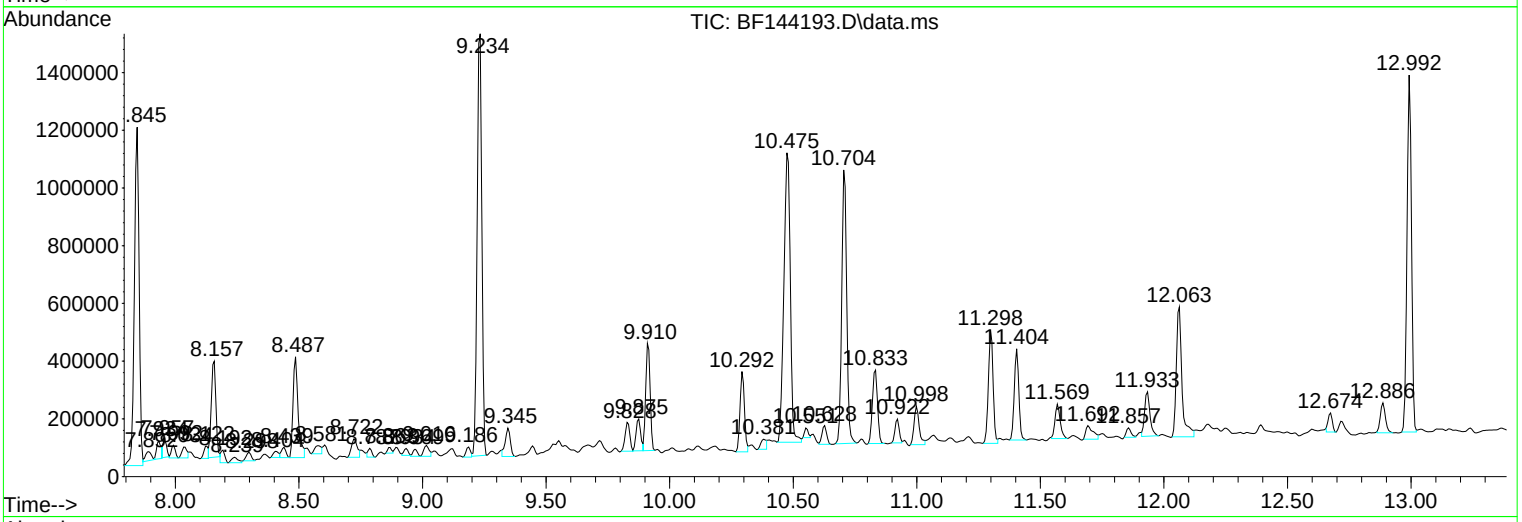
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Sample : Q3552-03
Misc :
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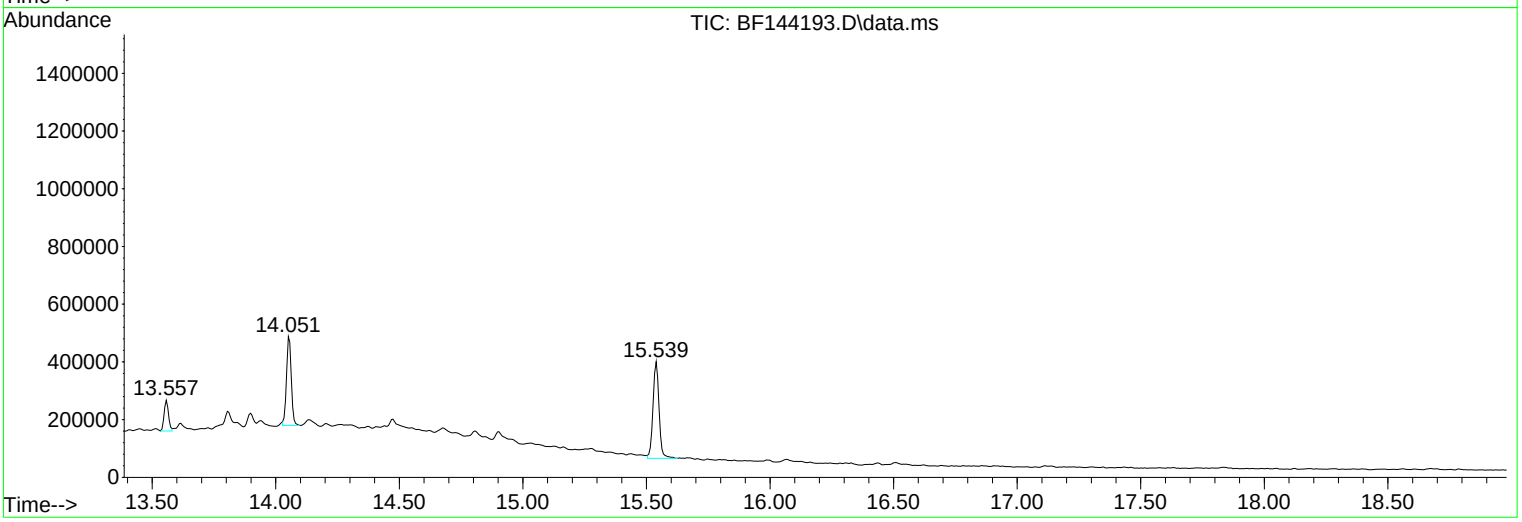
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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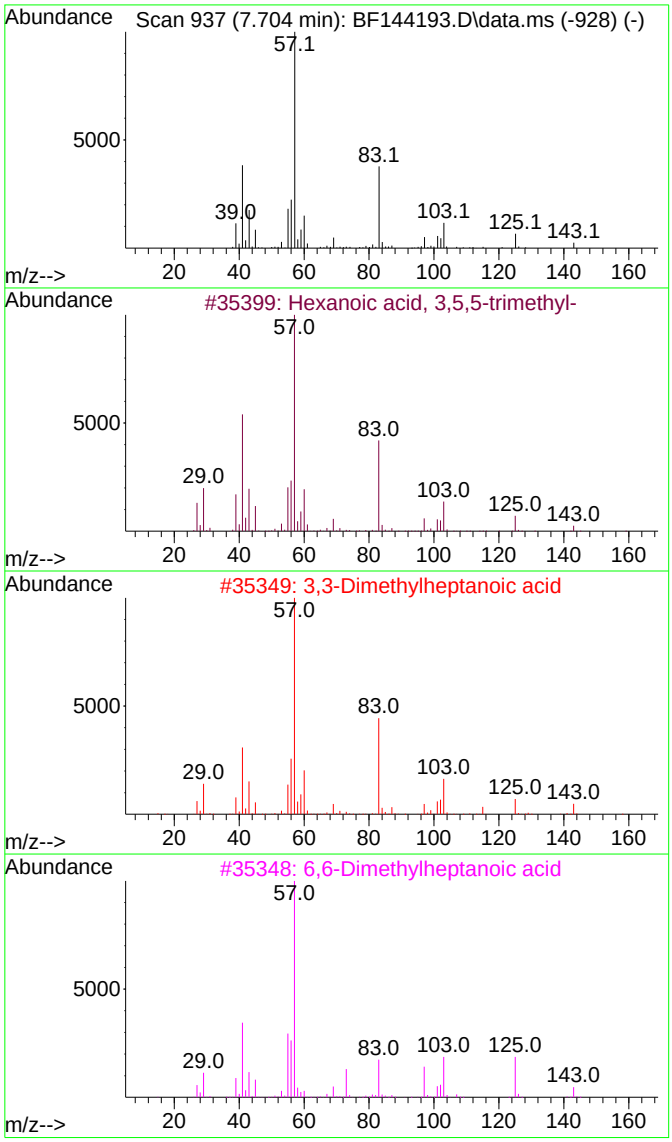
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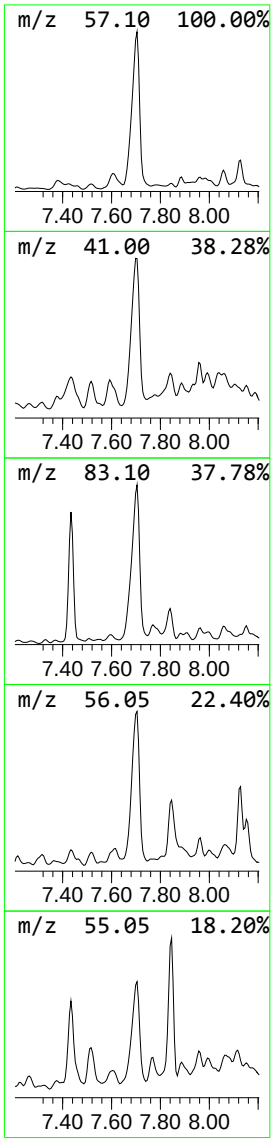
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Peak Number 3 Hexanoic acid, 3,5,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	20.42 ng	436220	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3	6,6-Dimethylheptanoic acid	158	C9H18O2	015898-92-7	50
4	Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	38
5	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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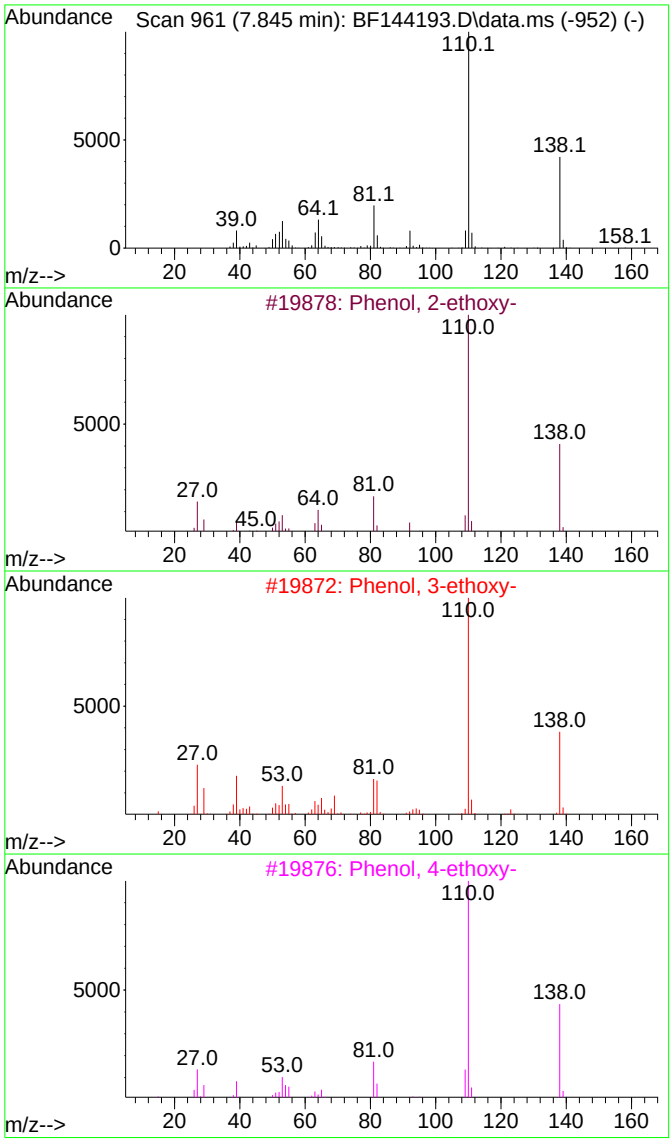
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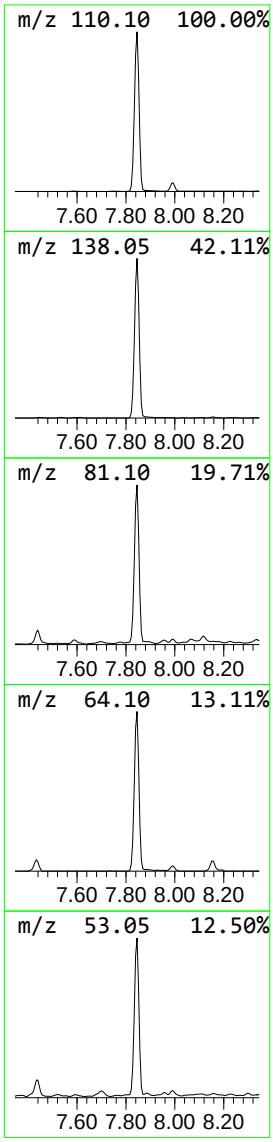
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Peak Number 4 Phenol, 2-ethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	73.82 ng	1576780	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethoxy-	138	C8H10O2	000094-71-3	95
2	Phenol, 3-ethoxy-	138	C8H10O2	000621-34-1	86
3	Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	80
4	3H-Indazol-3-one, 1,2,4,5,6,7-he...	138	C7H10N2O	1000351-36-4	50
5	Catechol	110	C6H6O2	000120-80-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
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Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

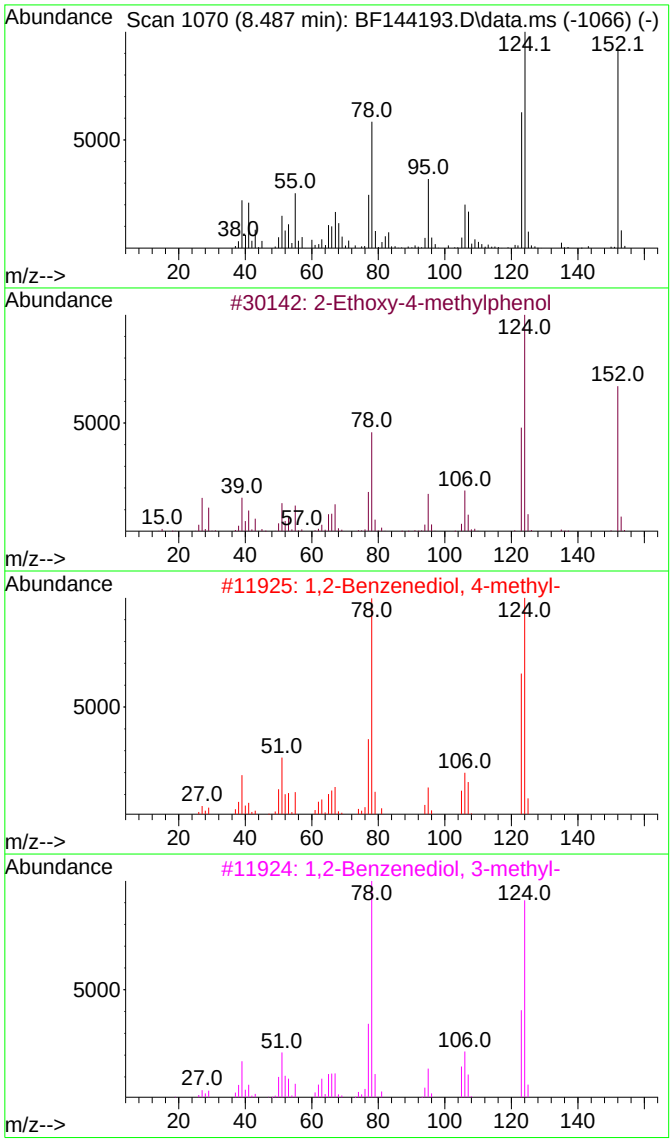
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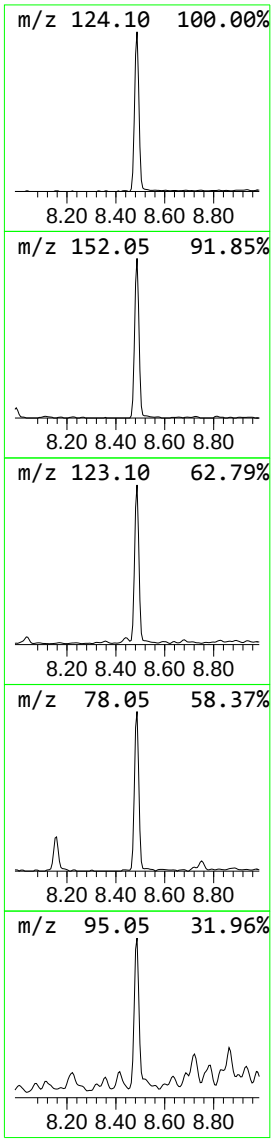
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Peak Number 5 2-Ethoxy-4-methylphenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.487	23.43 ng	500544	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxy-4-methylphenol	152	C9H12O2	002563-07-7	95
2	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70
3	1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	70
4	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	64
5	Orcinol	124	C7H8O2	000504-15-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
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Sample : Q3552-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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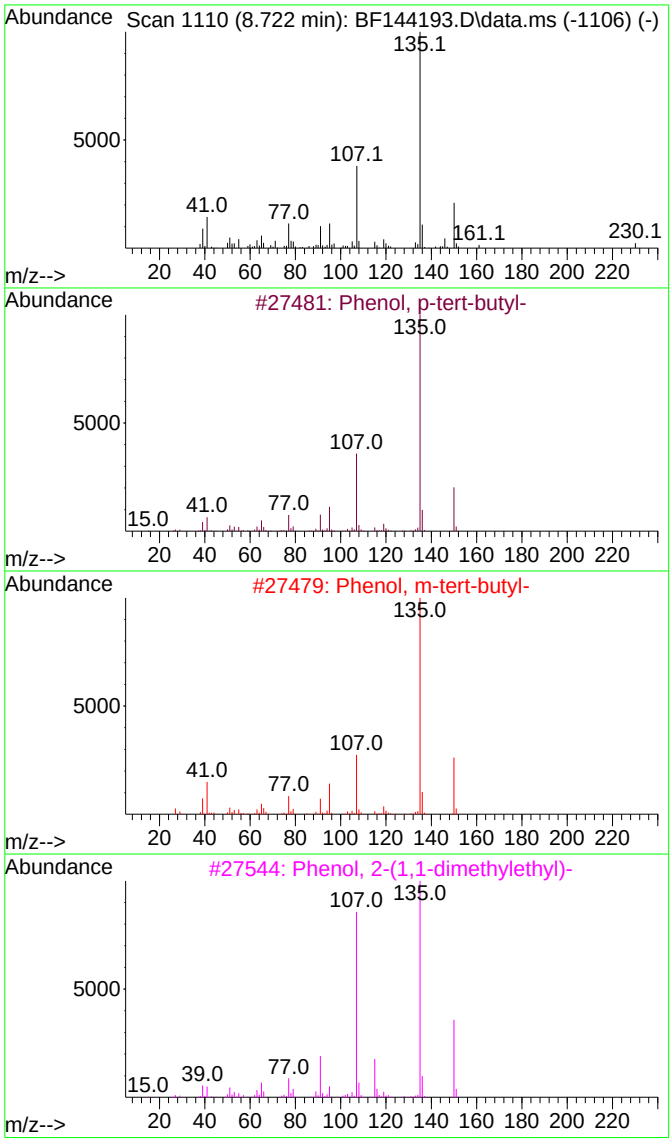
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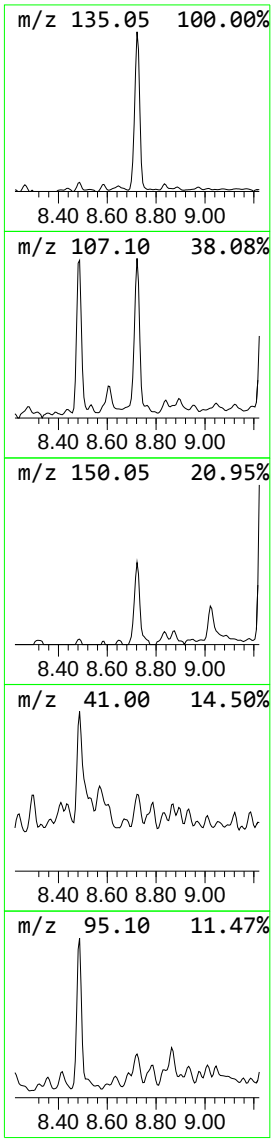
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Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	5.07 ng	108378	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	72
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	58
5	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
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Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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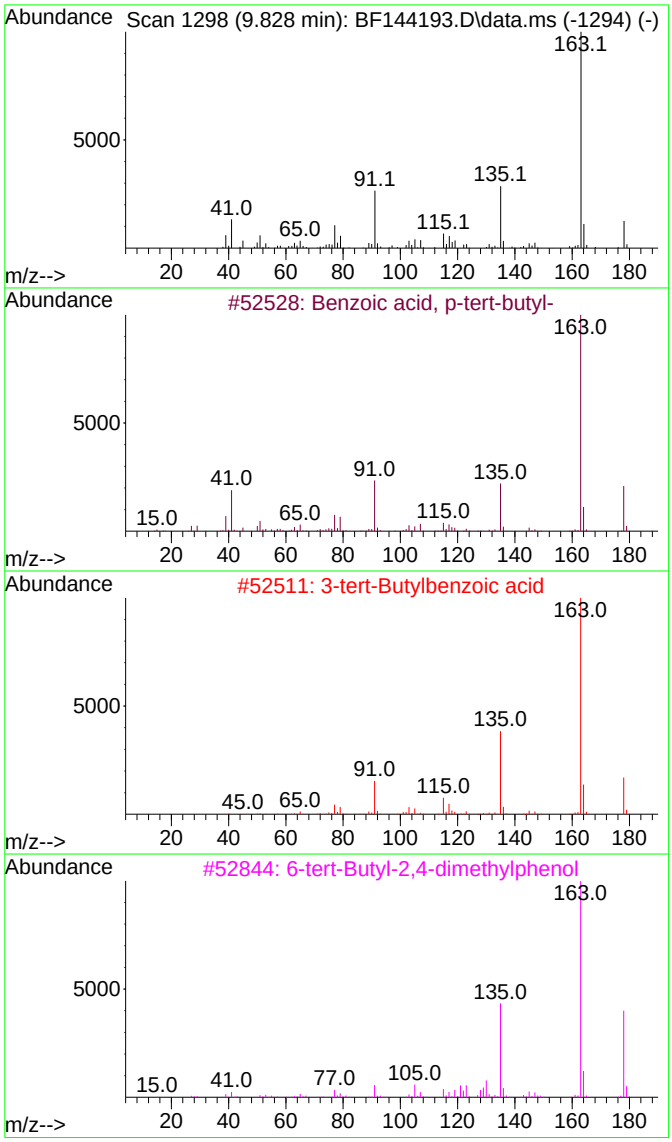
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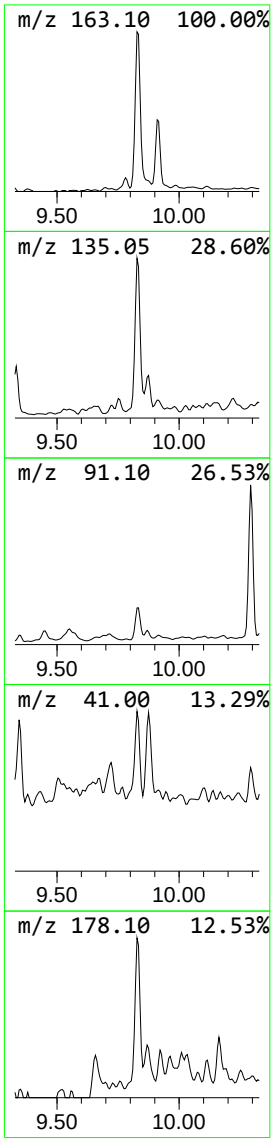
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Peak Number 8 Benzoic acid, p-tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	5.74 ng	133430	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	81
4	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
5	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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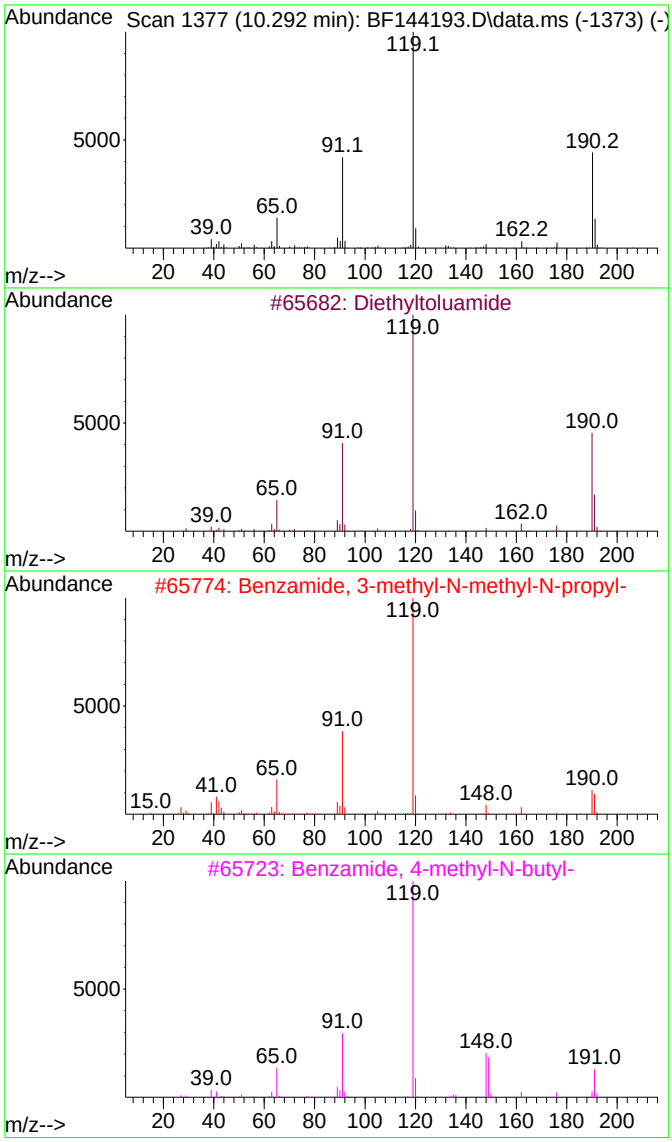
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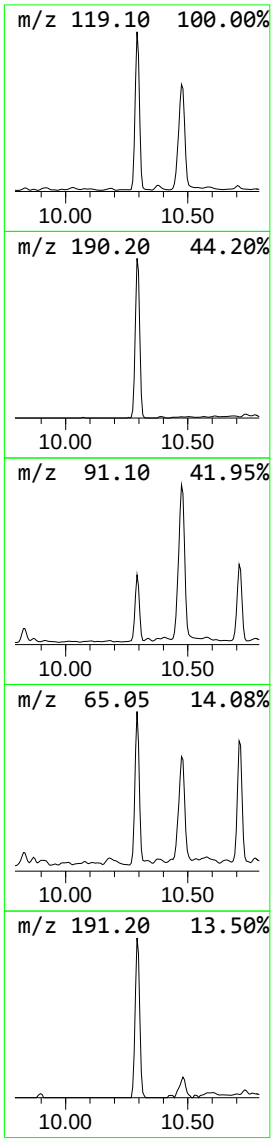
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Peak Number 9 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	14.92 ng	346837	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
3	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Sample : Q3552-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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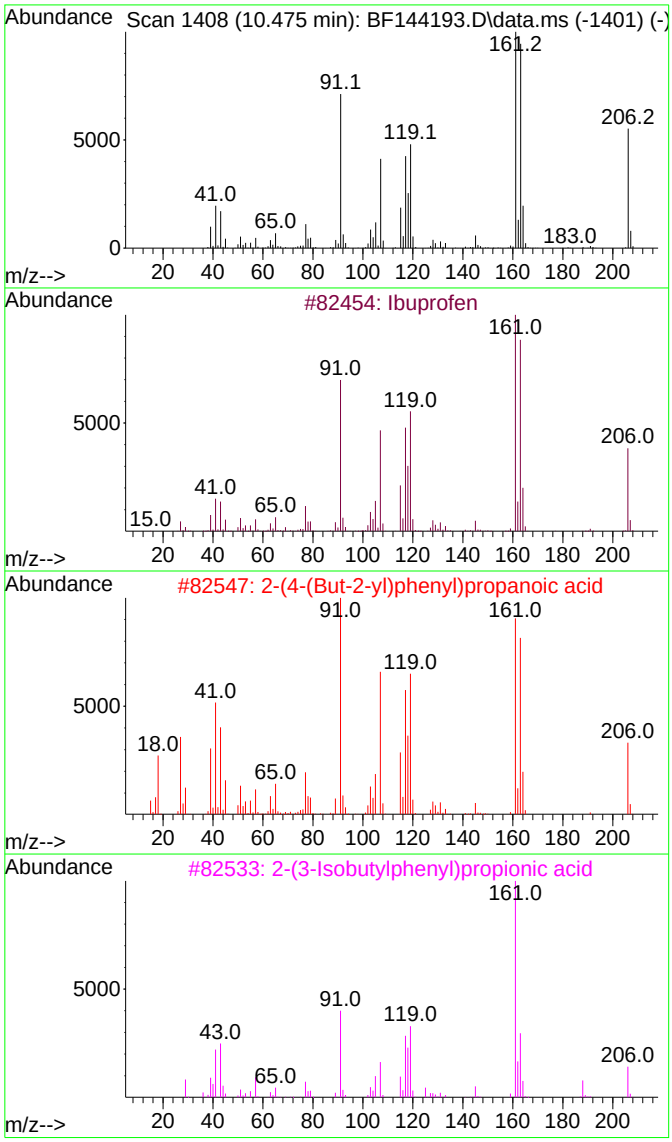
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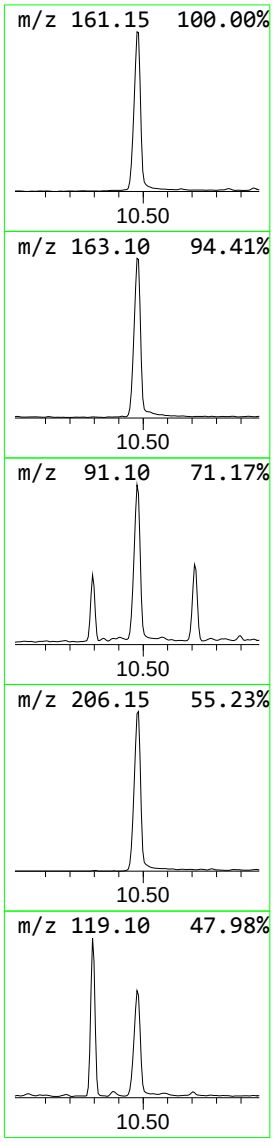
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Peak Number 10 Ibuprofen Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	77.10 ng	1792120	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	98
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	52
3	2-(3-Isobutylphenyl)propionic acid	206	C13H18O2	066622-47-7	47
4	3-[4-(2-Methylpropyl)phenyl]buta...	204	C14H20O	064758-90-3	30
5	(6-Methoxy-benzofuran-3-yl)-acet...	206	C11H10O4	069716-05-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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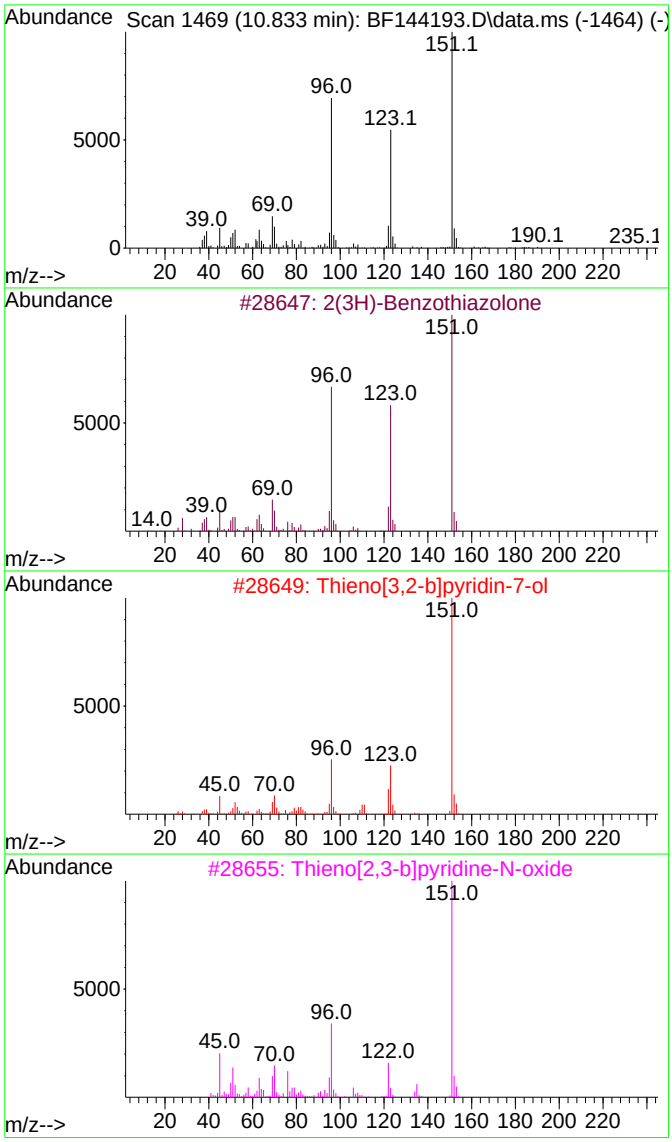
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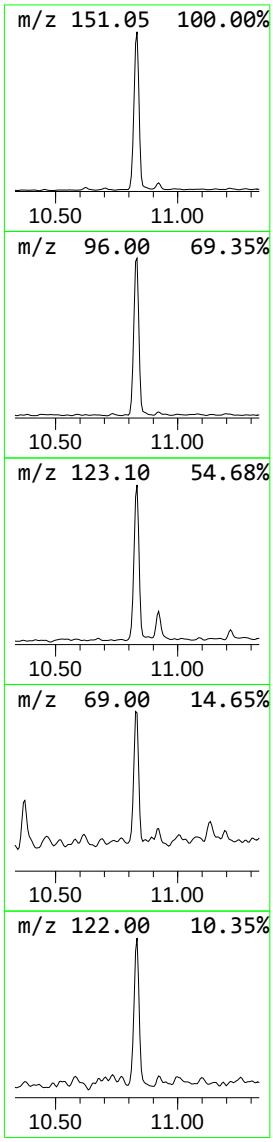
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Peak Number 11 2(3H)-Benzothiazolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	17.95 ng	361936	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	72
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	53
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	53
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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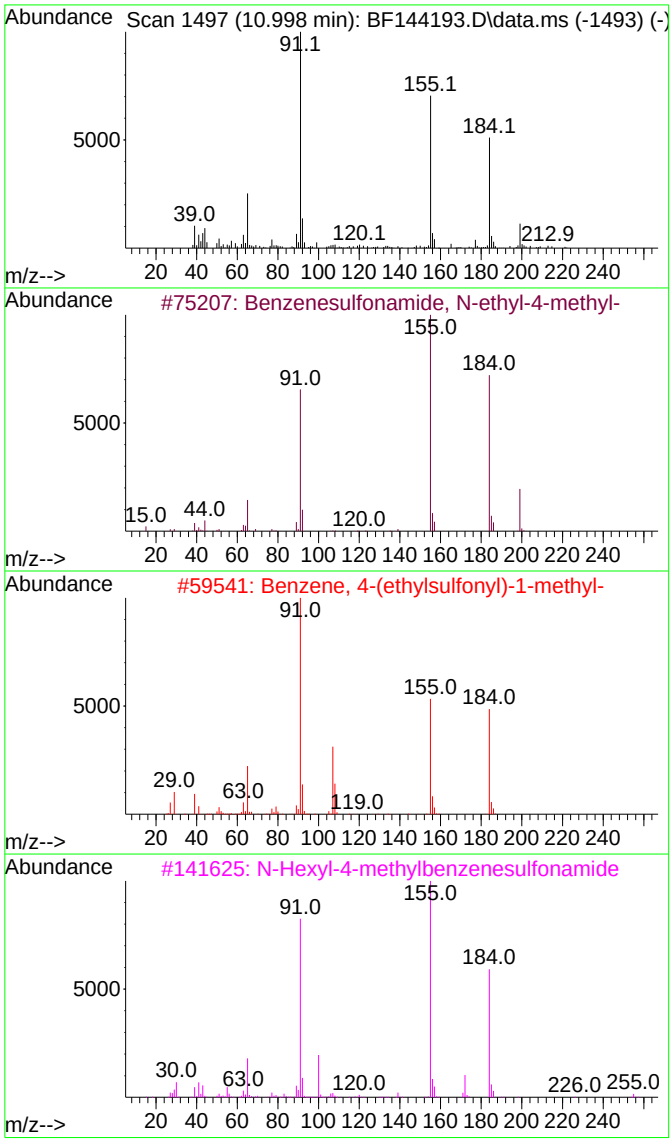
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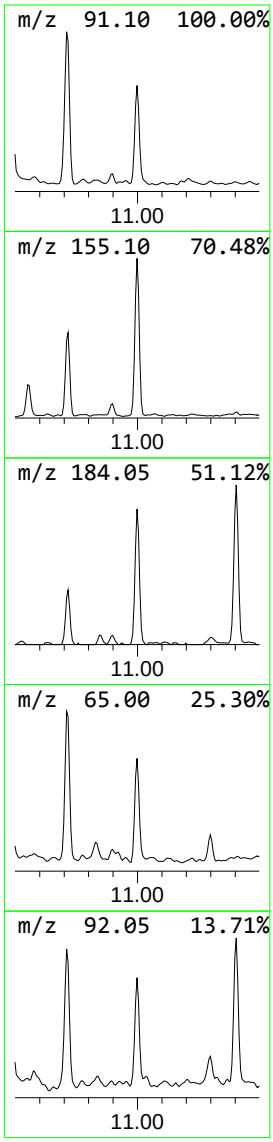
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Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	9.68 ng	195116	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	94
2	Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	93
3	N-Hexyl-4-methylbenzenesulfonamide	255	C13H21NO2S	001143-01-7	64
4	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	64
5	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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ALS Vial : 15 Sample Multiplier: 1

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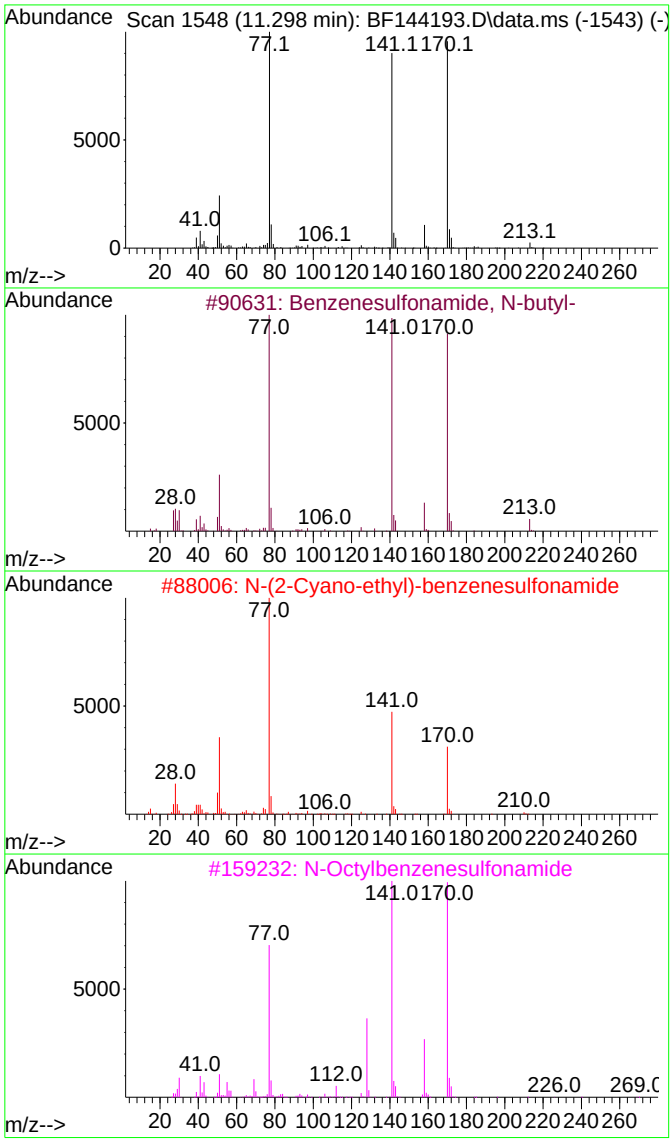
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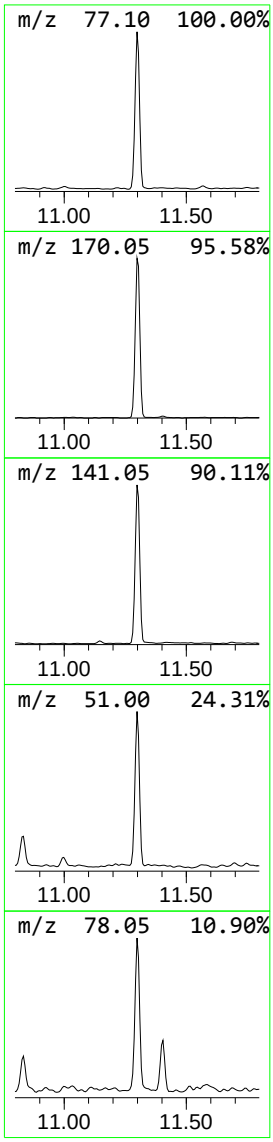
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Peak Number 14 Benzenesulfonamide, N-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	25.75 ng	519125	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	91
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
3	N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	64
4	N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	50
5	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

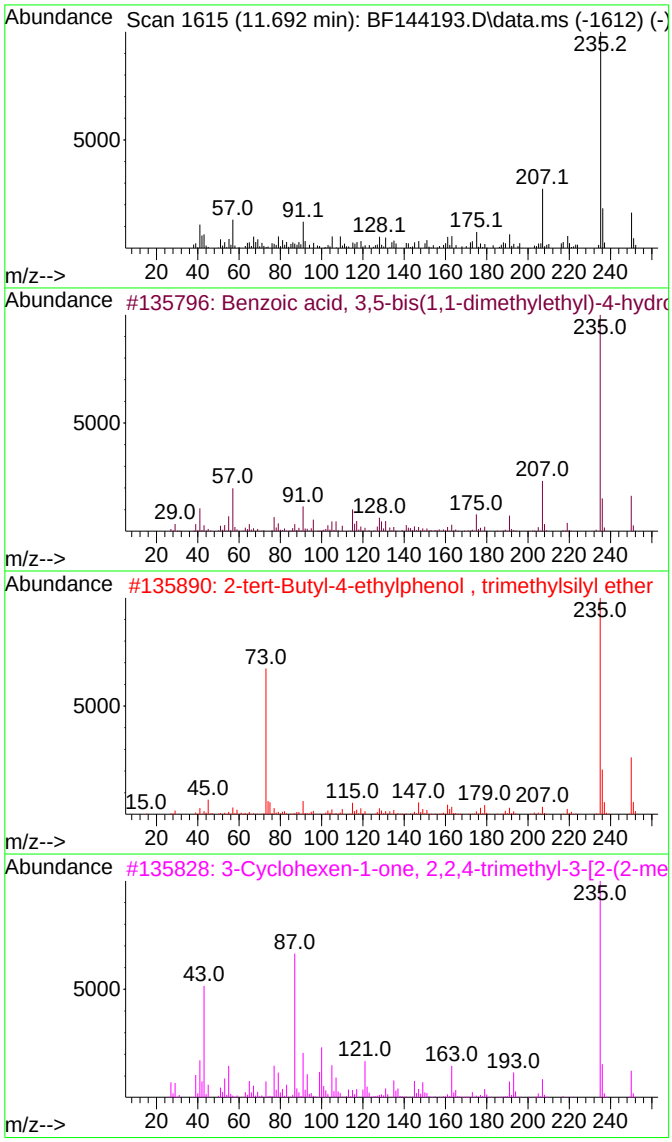
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

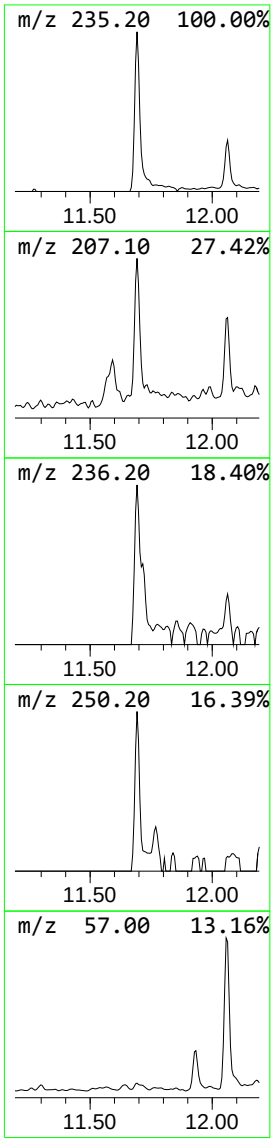
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Peak Number 16 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	4.90 ng	98791	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	93
2	2-tert-Butyl-4-ethylphenol , tri...	250	C15H26OSi	1000467-05-5	81
3	3-Cyclohexen-1-one, 2,2,4-trimet...	250	C15H22O3	1000197-90-2	81
4	4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	64
5	2,5-di-tert-Butyl-1,4-dimethoxyb...	250	C16H26O2	007323-63-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

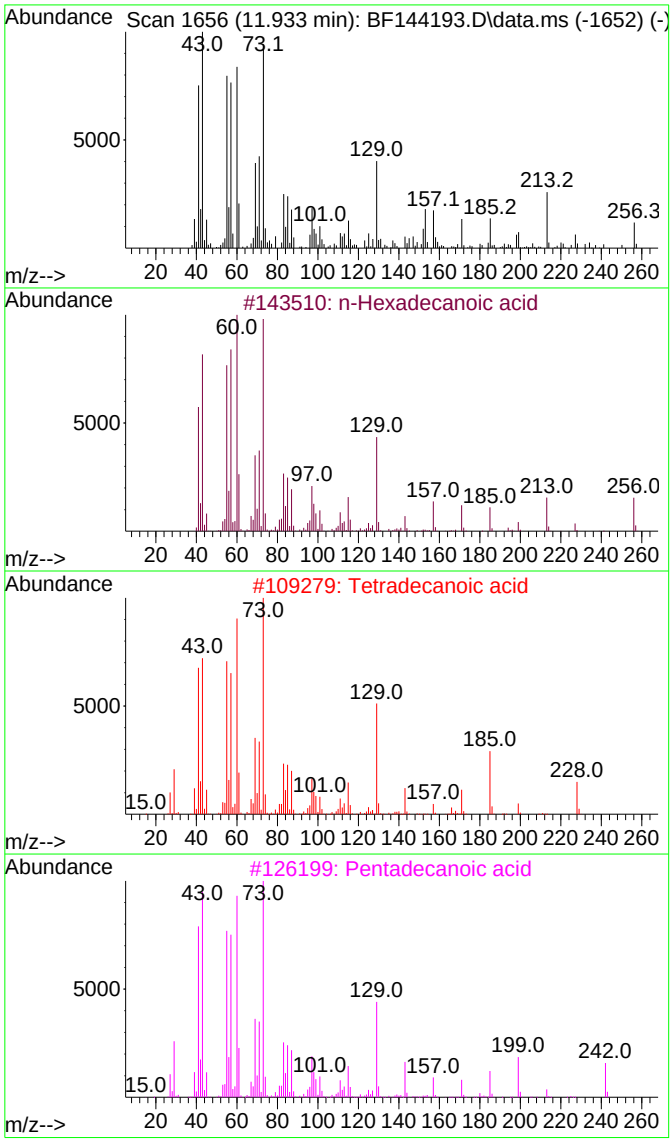
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

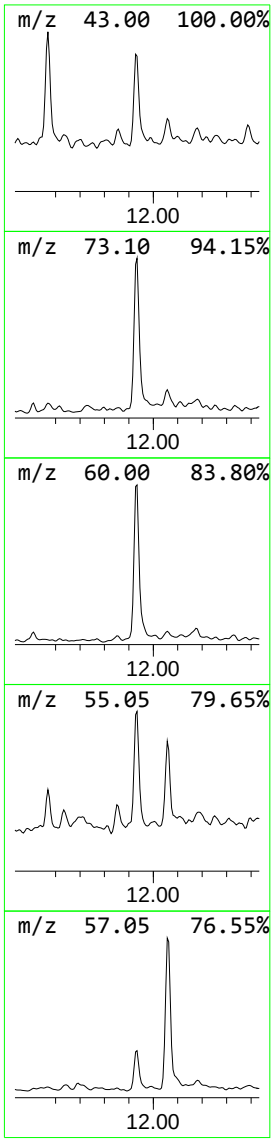
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Peak Number 17 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	11.27 ng	227309	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

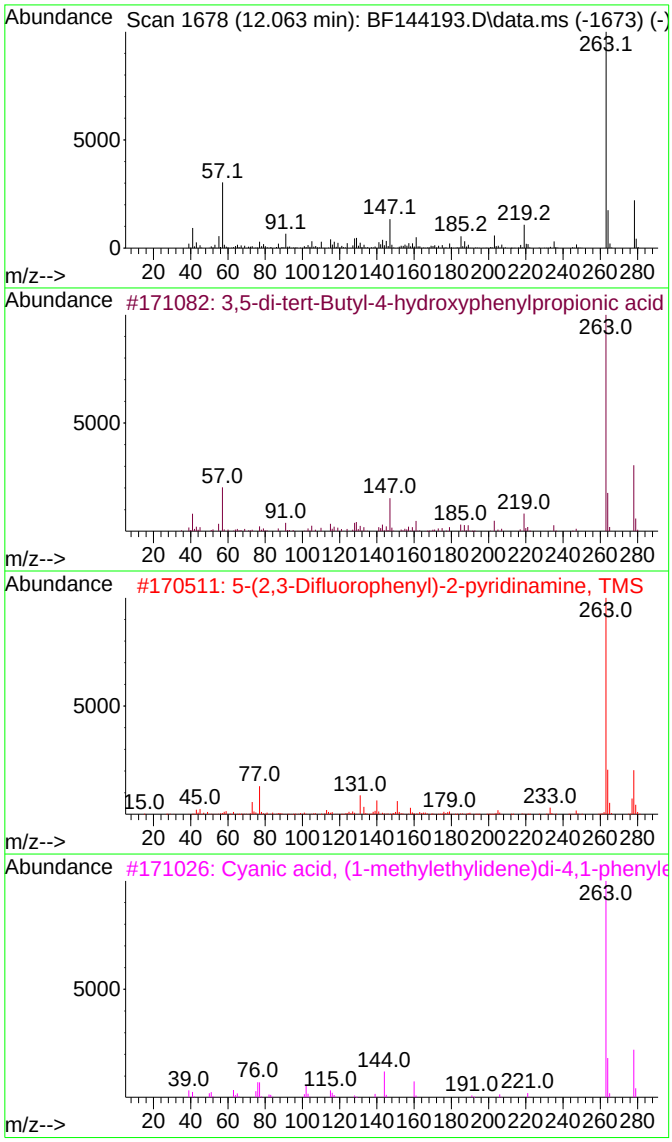
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TIC Integration Parameters: LSCINT.P

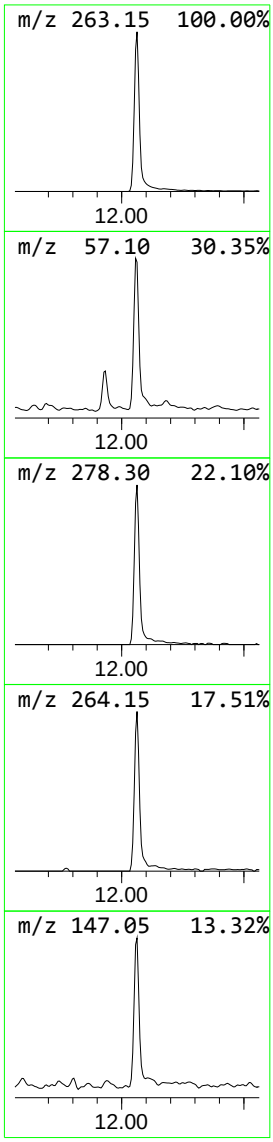
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Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	35.48 ng	715324	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	96
2	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	81
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	72
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	60





Sample Results: **BF144193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

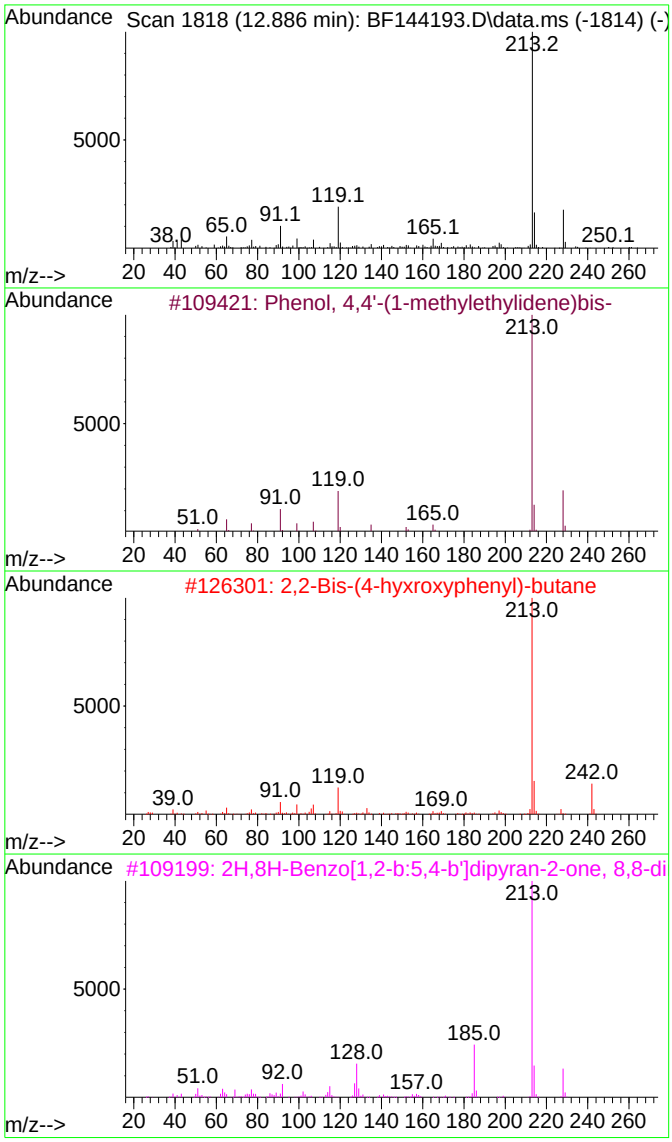
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

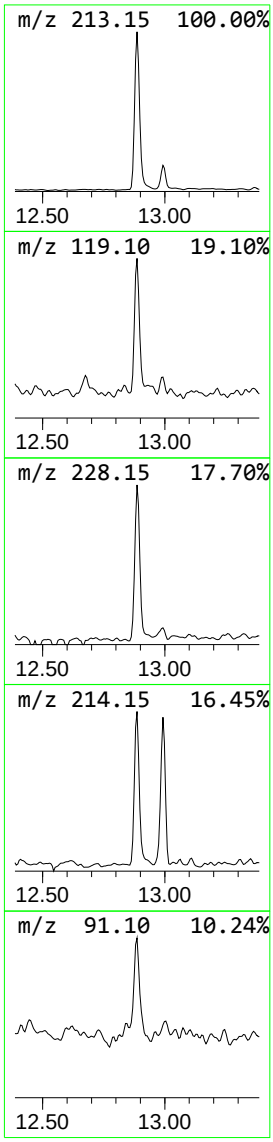
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	7.17 ng	149273	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	47
5	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

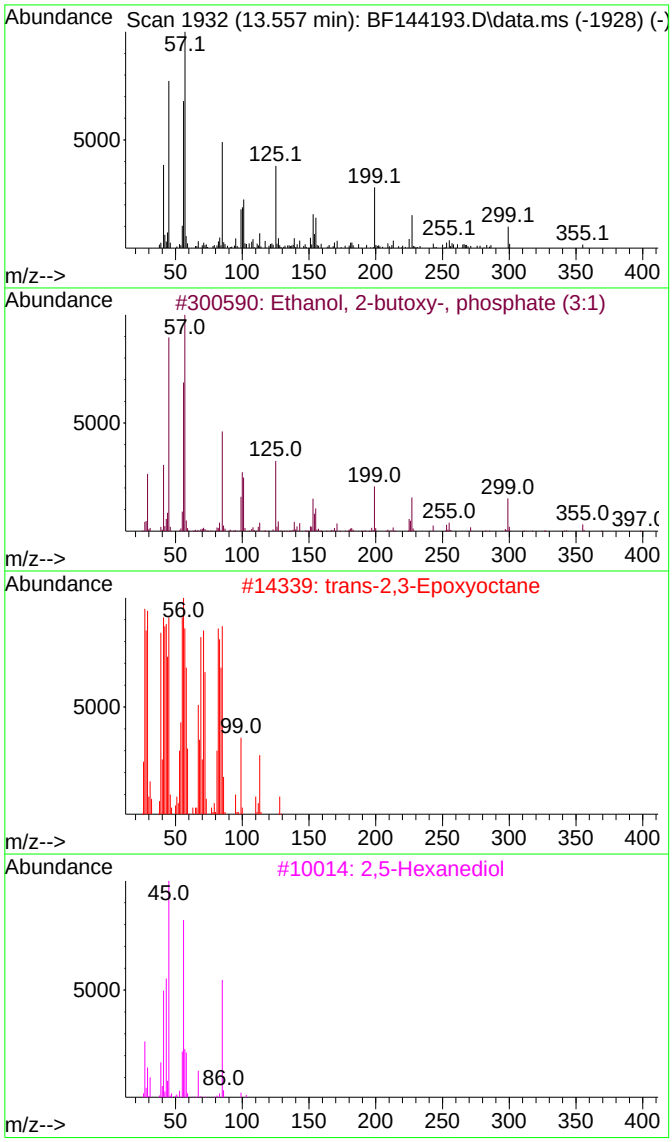
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

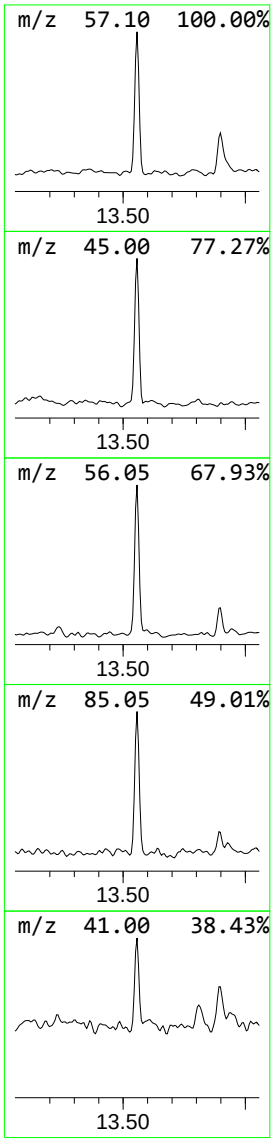
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanol, 2-butoxy-, phospha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	6.43 ng	133774	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	86
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	49
3	2,5-Hexanediol	118	C6H14O2	002935-44-6	38
4	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	27
5	1-[2-(2-Fluorophenyl)ethyl]hydra...	154	C8H11FN2	032607-85-5	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144193.D
Acq On : 06 Nov 2025 17:53
Operator : RC/JU
Sample : Q3552-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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
Hexanoic acid, ...	7.704	20.4	ng	436220	2	8.157	427187	20.0
Phenol, 2-ethoxy-	7.845	73.8	ng	1576780	2	8.157	427187	20.0
2-Ethoxy-4-meth...	8.487	23.4	ng	500544	2	8.157	427187	20.0
Phenol, p-tert-...	8.722	5.1	ng	108378	2	8.157	427187	20.0
Benzoic acid, p...	9.828	5.7	ng	133430	3	9.910	464908	20.0
Diethyltoluamide	10.292	14.9	ng	346837	3	9.910	464908	20.0
Ibuprofen	10.475	77.1	ng	1792120	3	9.910	464908	20.0
2(3H)-Benzothia...	10.833	17.9	ng	361936	4	11.404	403244	20.0
Benzenesulfonam...	10.998	9.7	ng	195116	4	11.404	403244	20.0
Benzenesulfonam...	11.298	25.8	ng	519125	4	11.404	403244	20.0
Benzoic acid, 3...	11.692	4.9	ng	98791	4	11.404	403244	20.0
n-Hexadecanoic ...	11.933	11.3	ng	227309	4	11.404	403244	20.0
3,5-di-tert-But...	12.063	35.5	ng	715324	4	11.404	403244	20.0
Phenol, 4,4'-(1...	12.886	7.2	ng	149273	5	14.051	416197	20.0
Ethanol, 2-buto...	13.557	6.4	ng	133774	5	14.051	416197	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Time: Nov 07 01:04:19 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

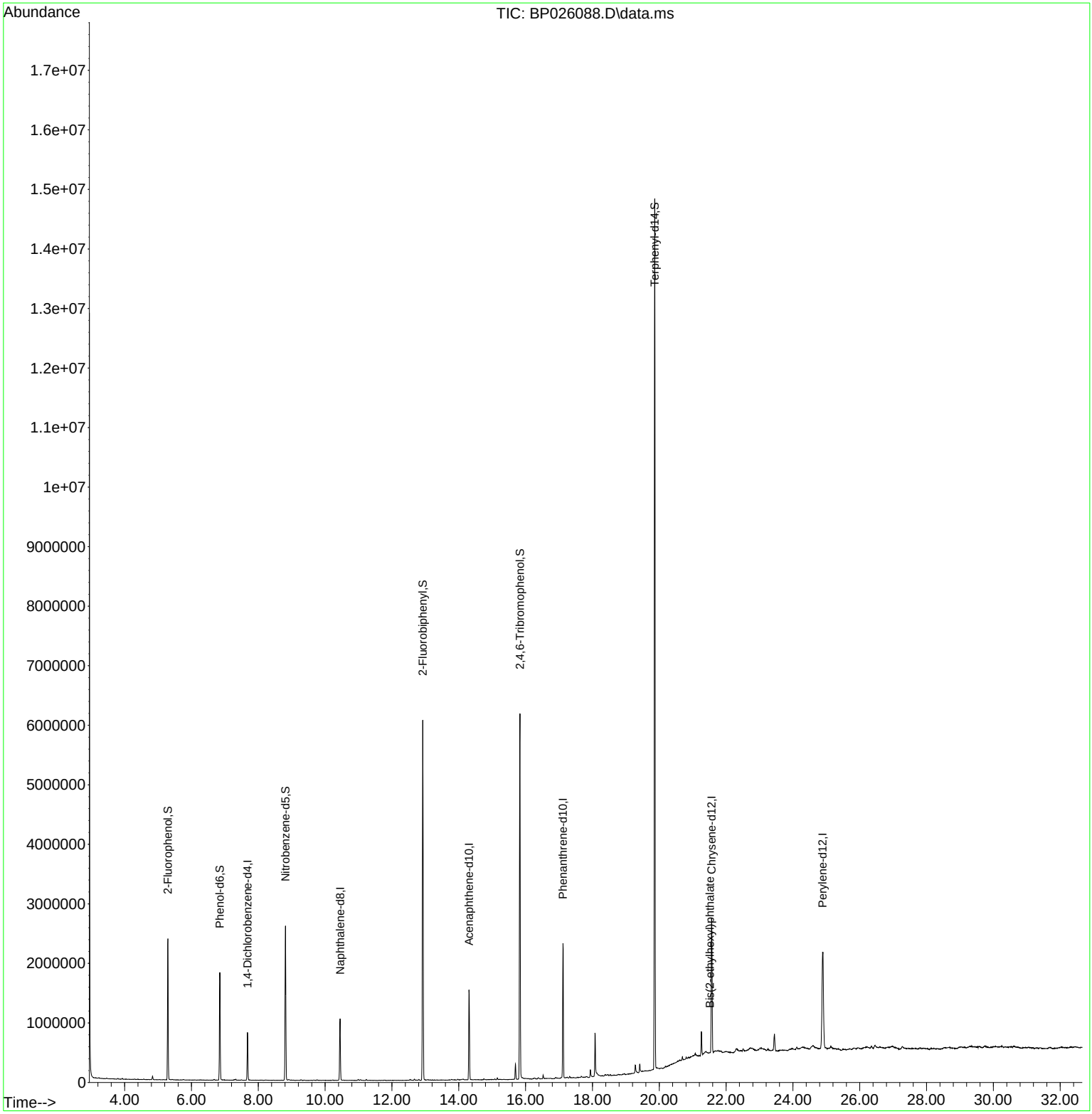
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	220839	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	864710	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	581288	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1390893	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1683437	20.000	ng	0.00
86) Perylene-d12	24.889	264	1911691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1046029	78.159	ng	0.00
7) Phenol-d6	6.849	99	1059230	62.182	ng	0.00
23) Nitrobenzene-d5	8.813	82	1430655	103.141	ng	-0.01
42) 2,4,6-Tribromophenol	15.830	330	1270840	202.225	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3528484	87.223	ng	0.00
79) Terphenyl-d14	19.865	244	7886001	95.174	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.518	149	10534	2.744	ng	# 95

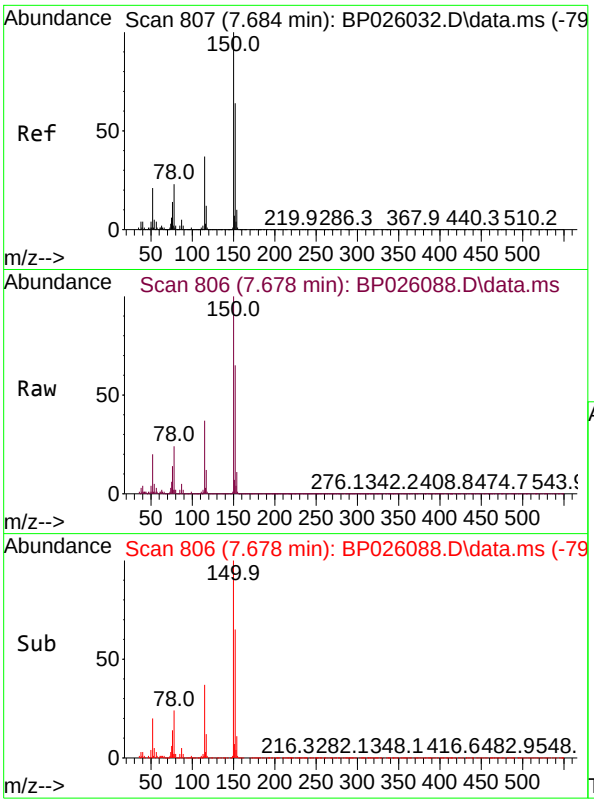
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Time: Nov 07 01:04:19 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



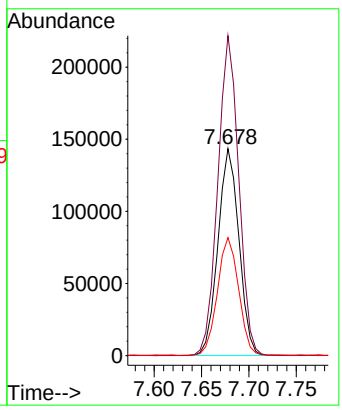


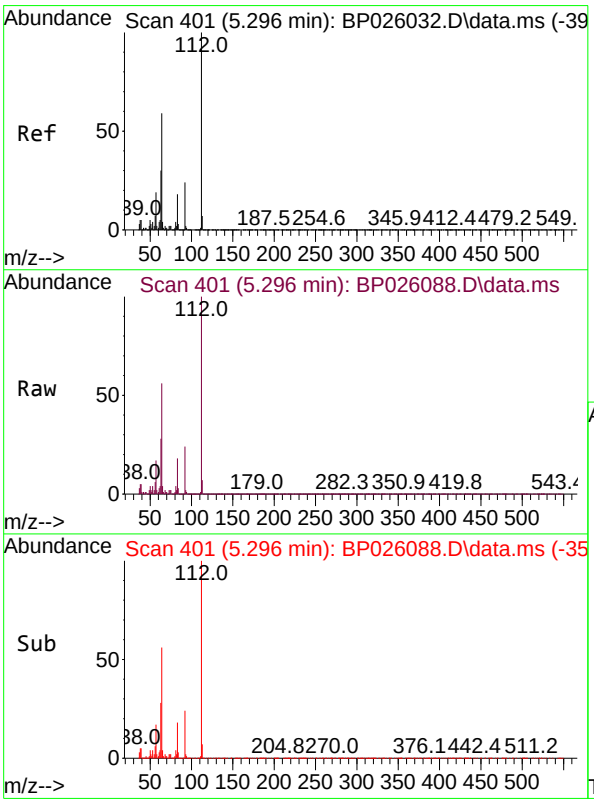
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 220839

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.7	188.5
115	57.0	46.4	69.6

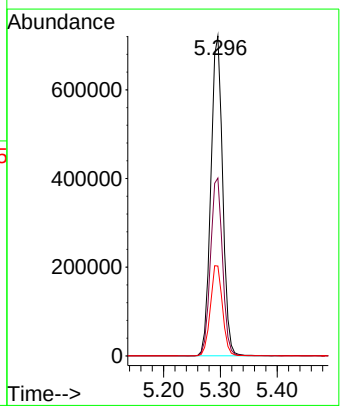


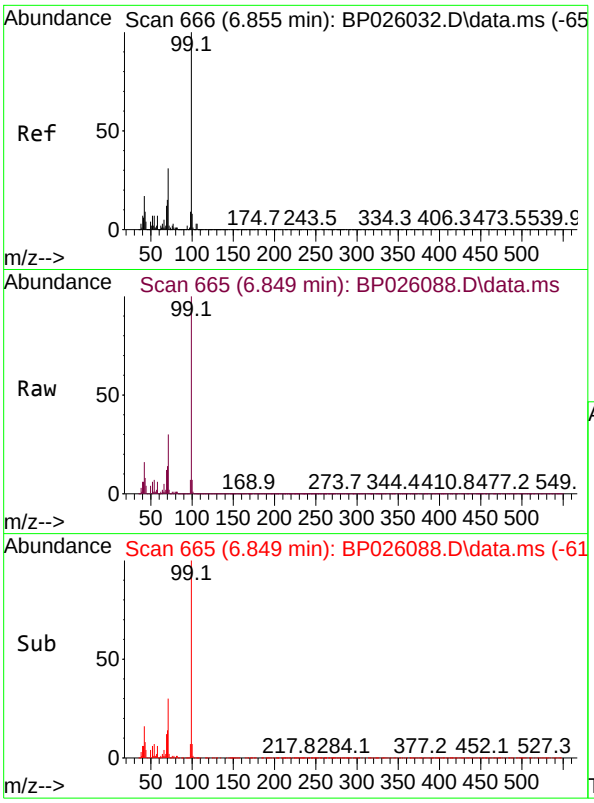


#5
2-Fluorophenol
Concen: 78.159 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:112 Resp: 1046029

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.4	71.2
63	28.1	24.2	36.4



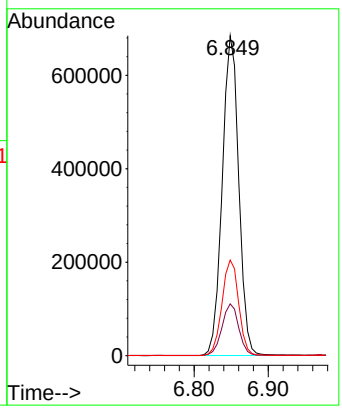


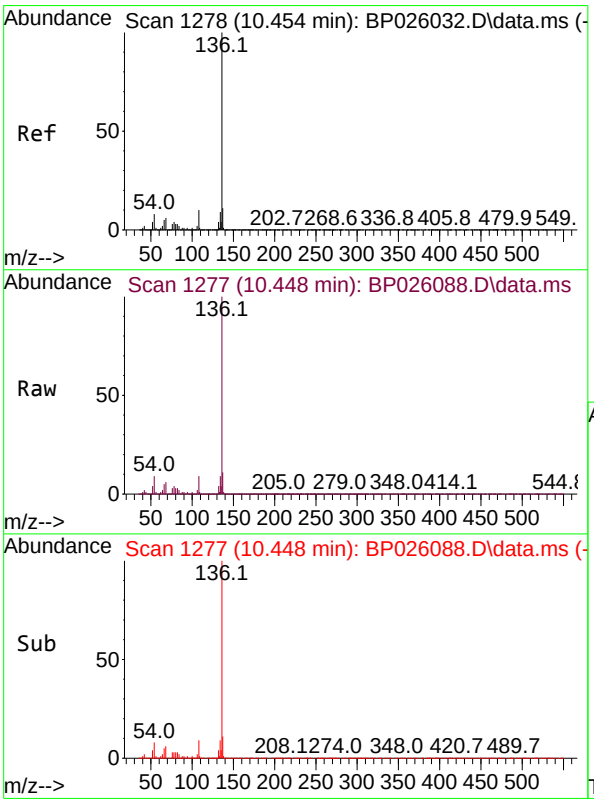
#7
Phenol-d6
Concen: 62.182 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion: 99 Resp: 1059230

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	29.9	24.4	36.6

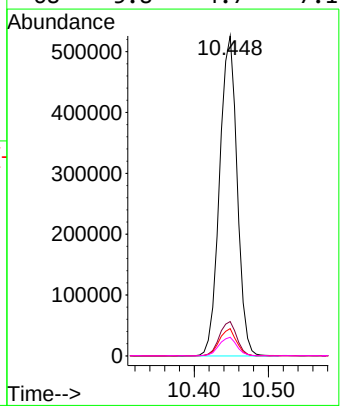


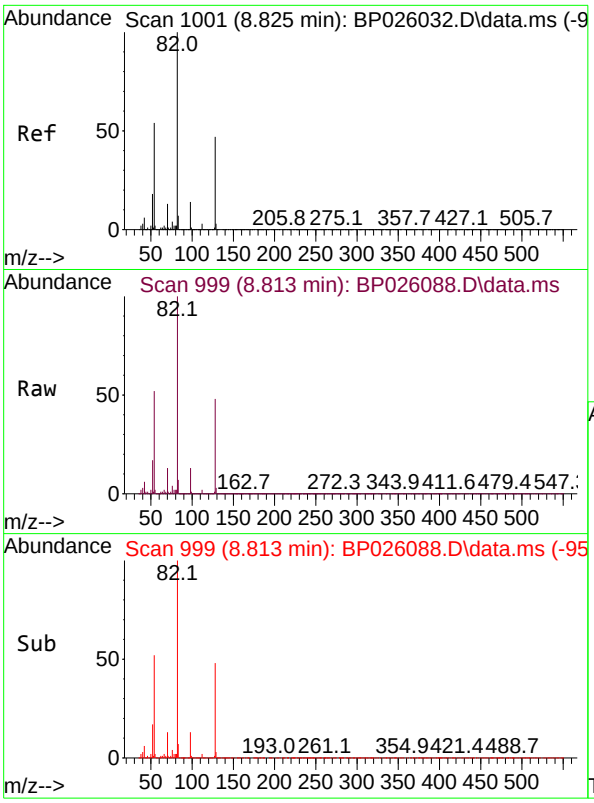


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:136 Resp: 864710

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	6.6	10.0
68	5.8	4.7	7.1



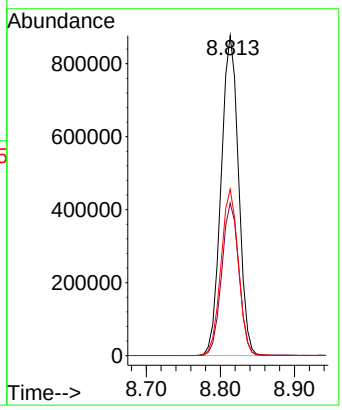


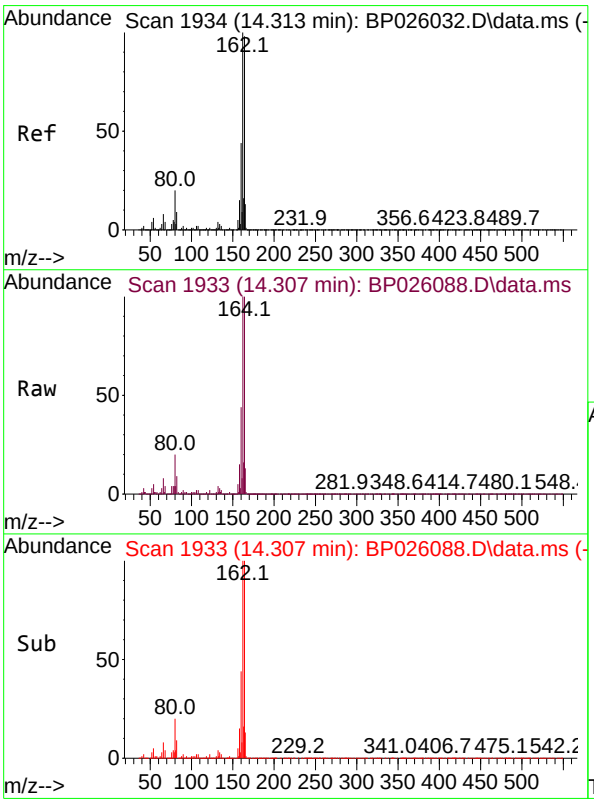
#23
Nitrobenzene-d5
Concen: 103.141 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion: 82 Resp: 1430655

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.0
54	52.0	42.7	64.1

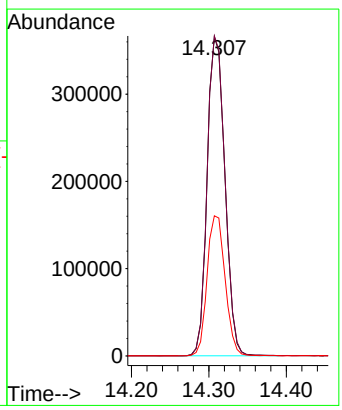


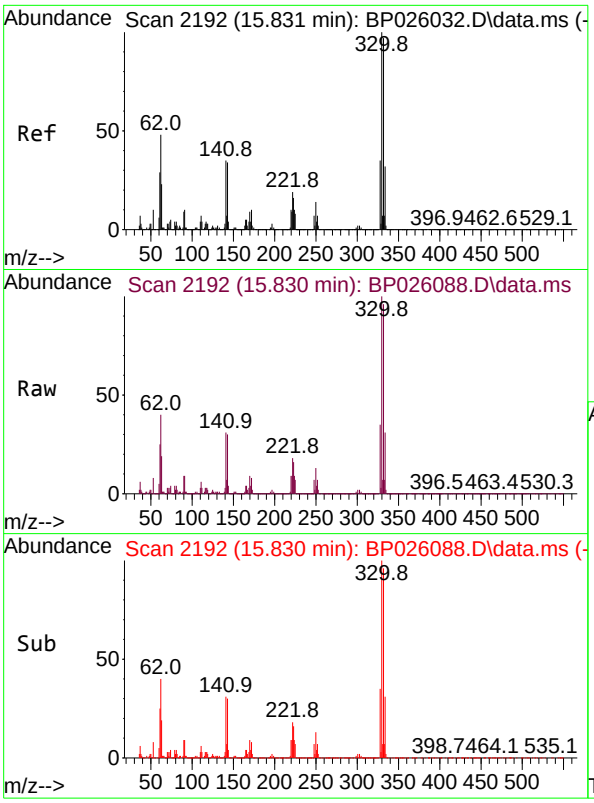


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:164 Resp: 581288

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	43.9	36.2	54.4



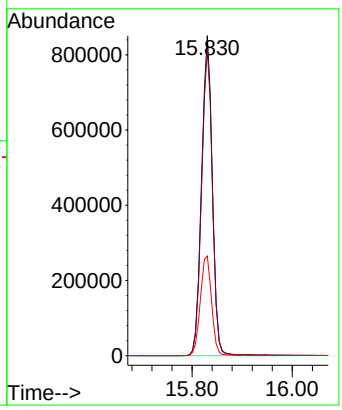


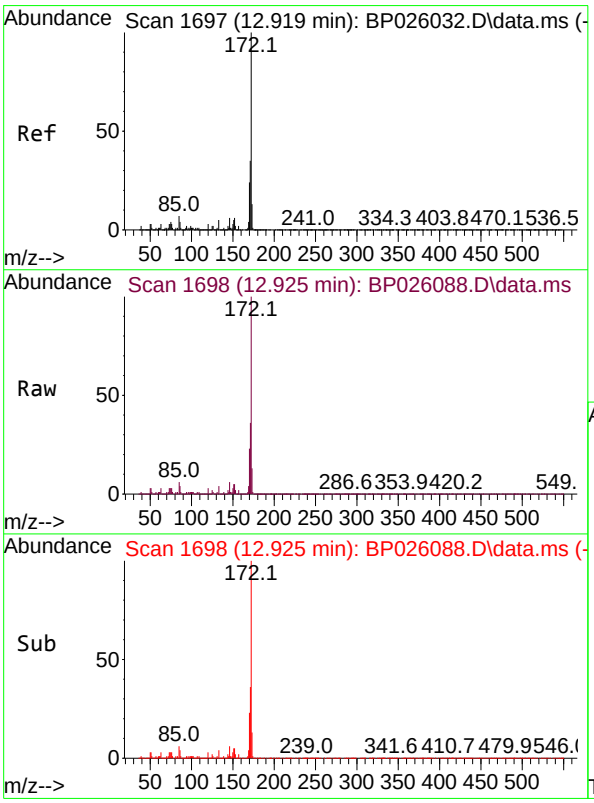
#42
2,4,6-Tribromophenol
Concen: 202.225 ng
RT: 15.830 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion:330 Resp: 1270840

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.5	28.6	42.8

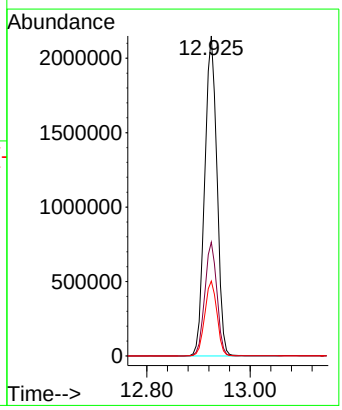


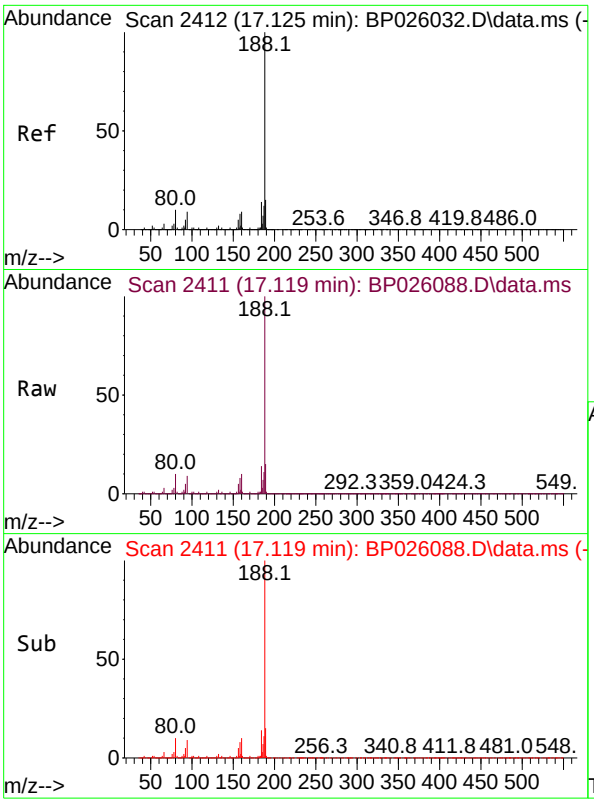


#45
2-Fluorobiphenyl
Concen: 87.223 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:172 Resp: 3528484

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.4	19.0	28.4



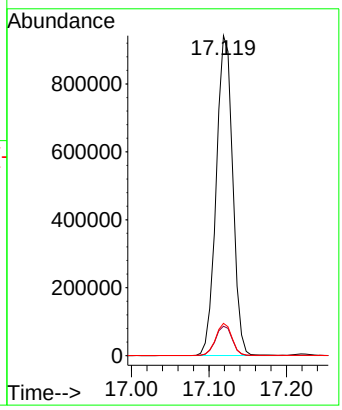


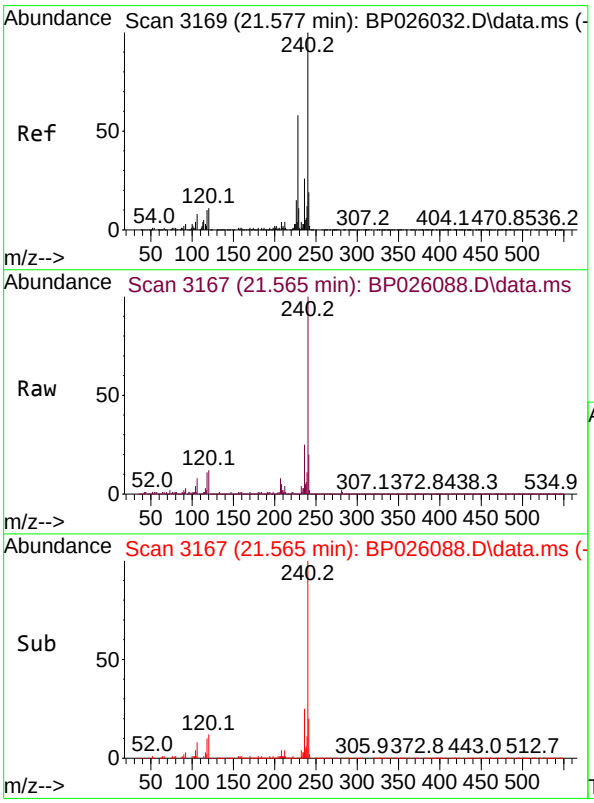
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion:188 Resp: 1390893

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	10.1	7.9	11.9

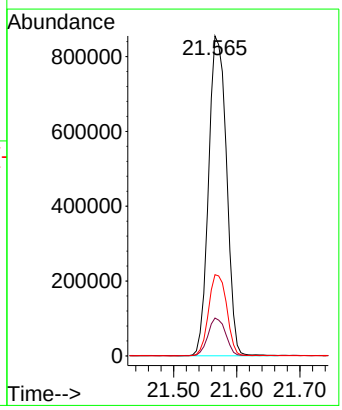


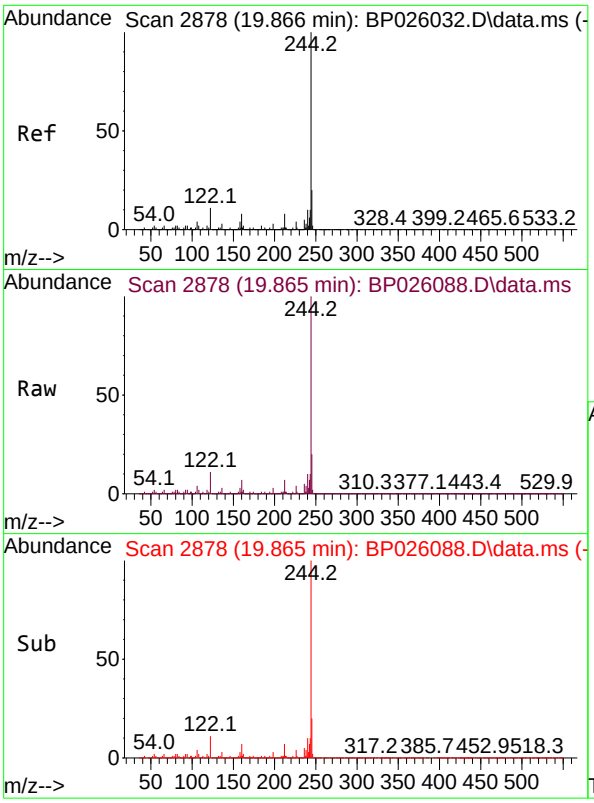


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:240 Resp: 1683437

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.4	20.6	31.0



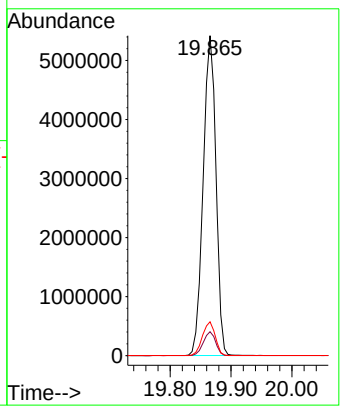


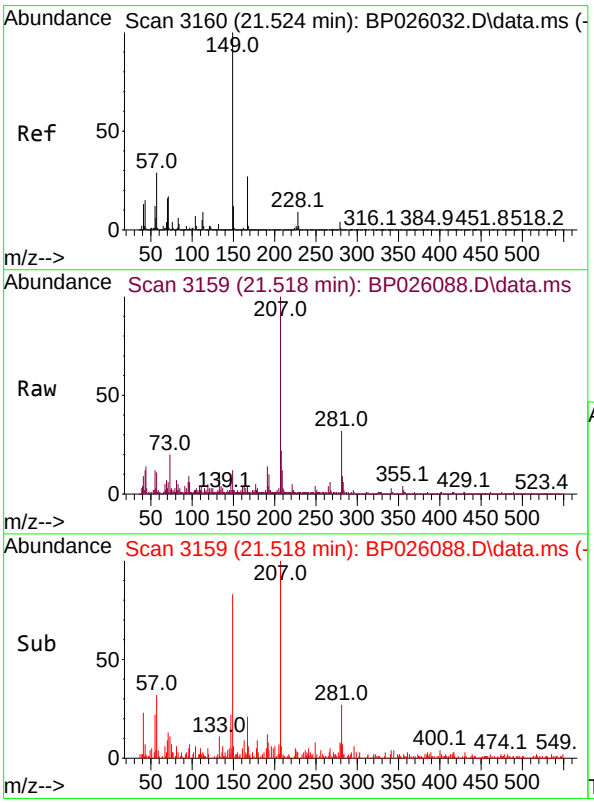
#79
Terphenyl-d14
Concen: 95.174 ng
RT: 19.865 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion:244 Resp: 7886001

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.6	9.0	13.6

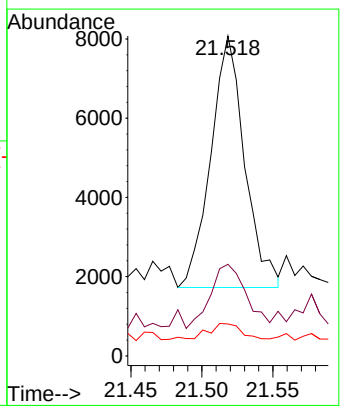


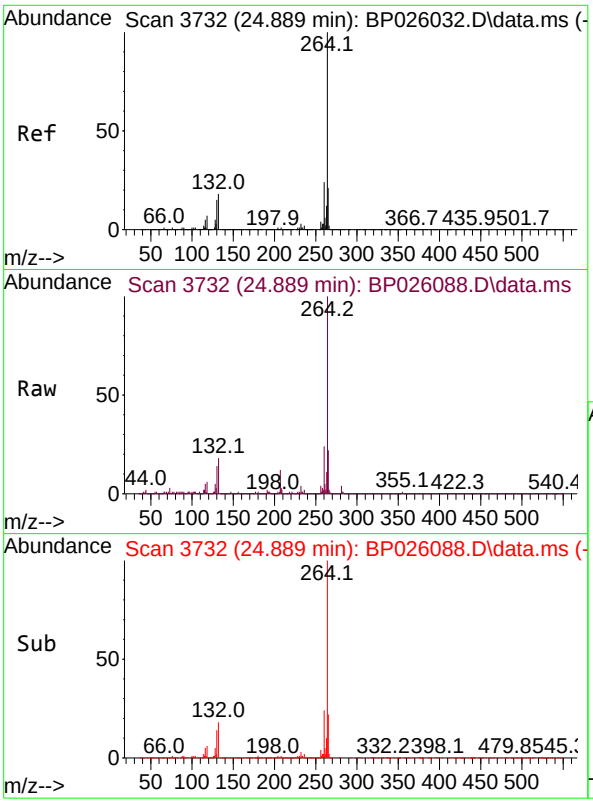


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.744 ng
RT: 21.518 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:149 Resp: 10534

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.5	32.3
279	10.0	3.0	4.6#



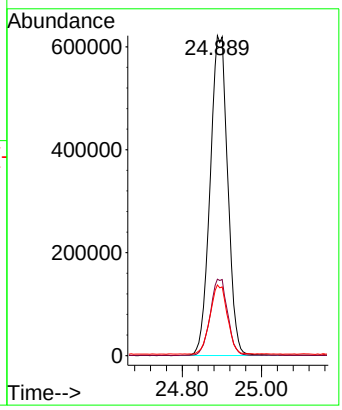


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Instrument :
BNA_P
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 1911691

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.1	17.2	25.8



Sample Results: **BP026088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

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: BP026088.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	2373773	3486483	16.57%	4.816%
2	6.849	658	665	676	rBV	1808630	2850799	13.55%	3.938%
3	7.678	799	806	814	rBV	802363	1226184	5.83%	1.694%
4	8.813	990	999	1011	rBV	2593506	4254913	20.22%	5.877%
5	10.448	1267	1277	1283	rBV	1038029	1712991	8.14%	2.366%
6	12.925	1689	1698	1712	rBV	6049680	9947991	47.28%	13.741%
7	14.307	1927	1933	1942	rBV	1511165	2421256	11.51%	3.344%
8	15.695	2163	2169	2176	rBV	256132	385415	1.83%	0.532%
9	15.830	2184	2192	2203	rBV	6138695	9443736	44.89%	13.044%
10	17.119	2405	2411	2419	rVB2	2260377	3350124	15.92%	4.627%
11	17.936	2546	2550	2561	rBV	127652	221222	1.05%	0.306%
12	18.077	2569	2574	2583	rBV	728648	1144788	5.44%	1.581%
13	19.283	2775	2779	2789	rBV	124742	213073	1.01%	0.294%
14	19.418	2798	2802	2812	rBV2	137905	242372	1.15%	0.335%
15	19.865	2871	2878	2884	rBV	14625973	21039042	100.00%	29.061%
16	21.260	3111	3115	3122	rBV	402247	586079	2.79%	0.810%
17	21.565	3161	3167	3176	rBV2	2258574	4431963	21.07%	6.122%
18	23.448	3483	3487	3494	rVB	283575	531498	2.53%	0.734%
19	24.889	3724	3732	3745	rVB	1613439	4906453	23.32%	6.777%

Sum of corrected areas: 72396382

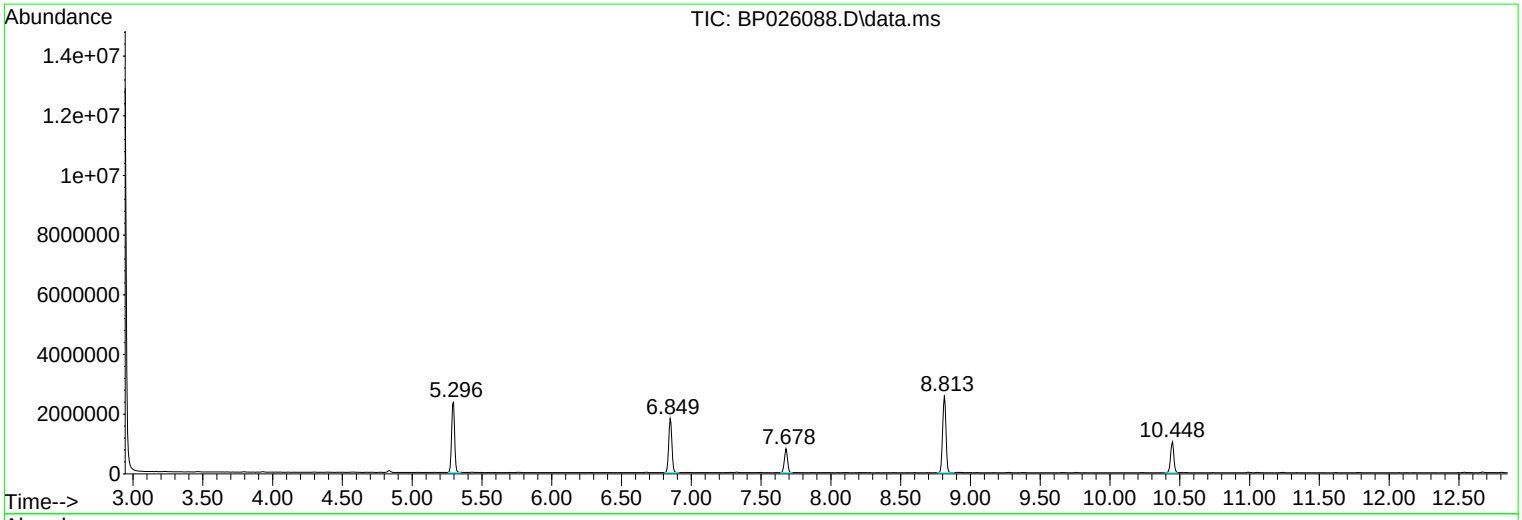
Sample Results: **BP026088.D**

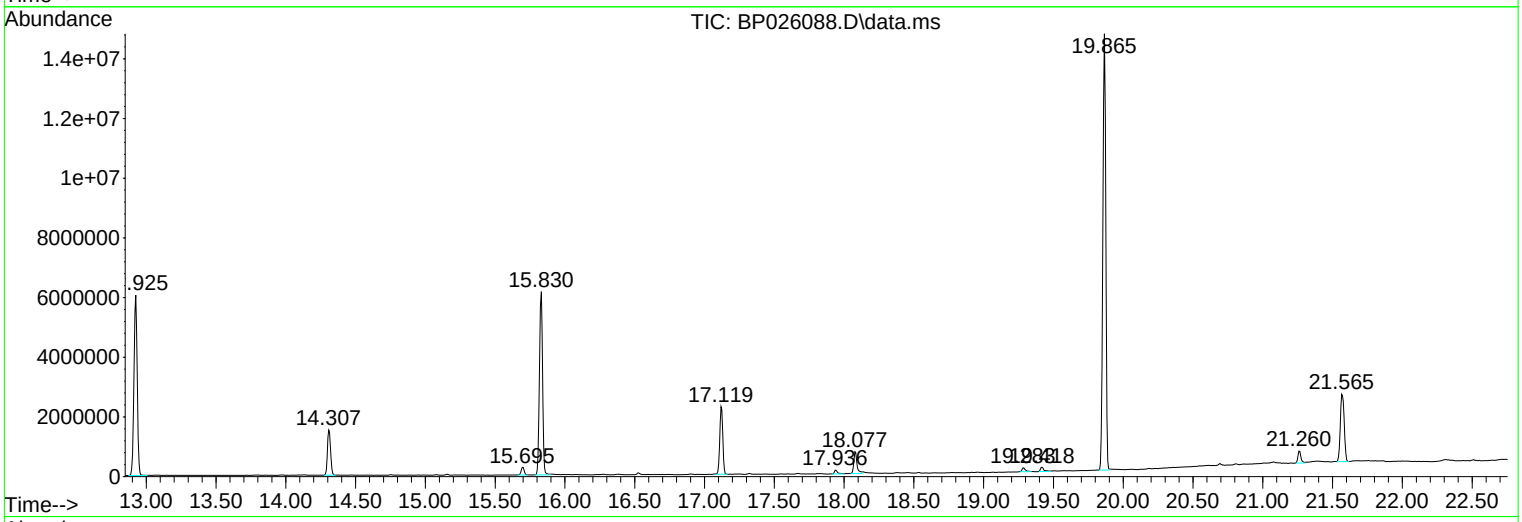
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

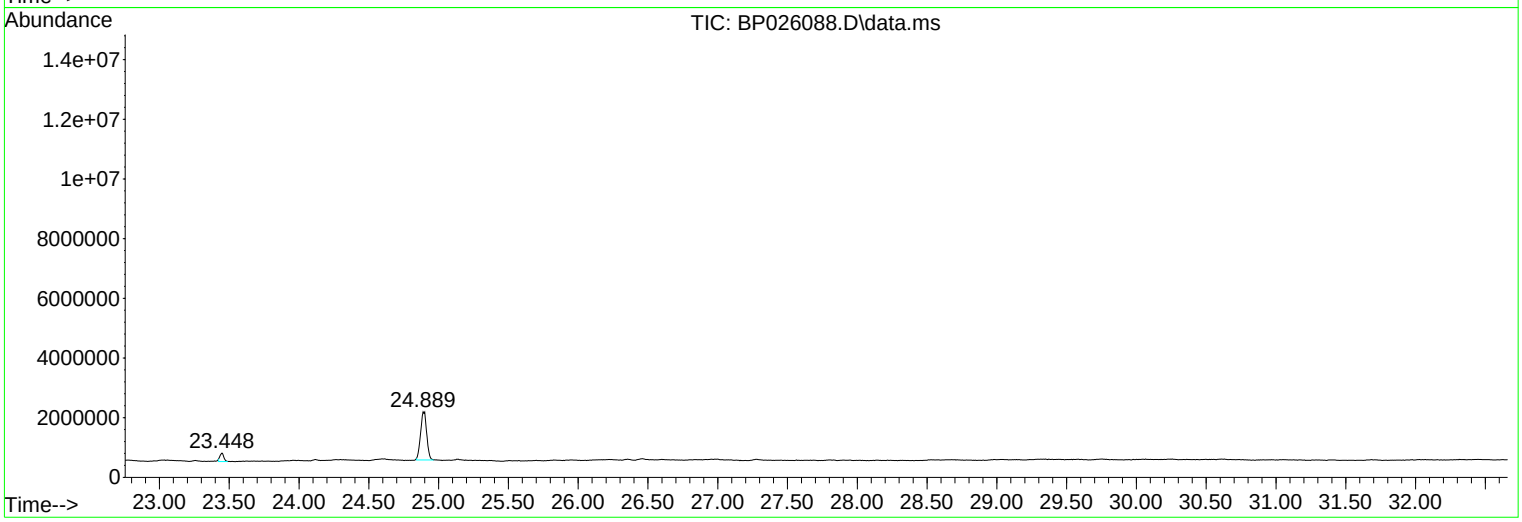
Instrument :
BNA_P
ClientSampleId :
MW-10

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 : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

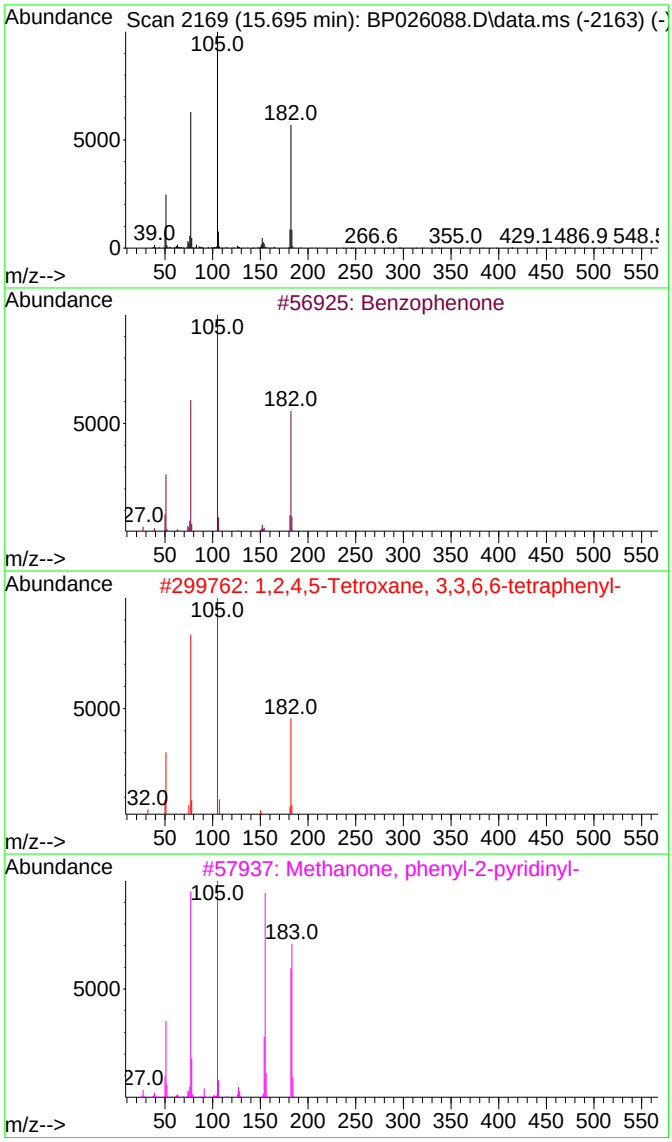
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

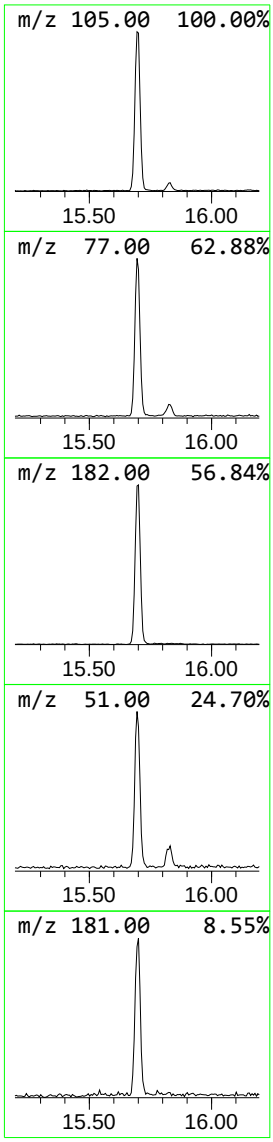
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.695	3.18 ng	385415	Acenaphthene-d10	14.307

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Azobenzene	182	C12H10N2	000103-33-3	47
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

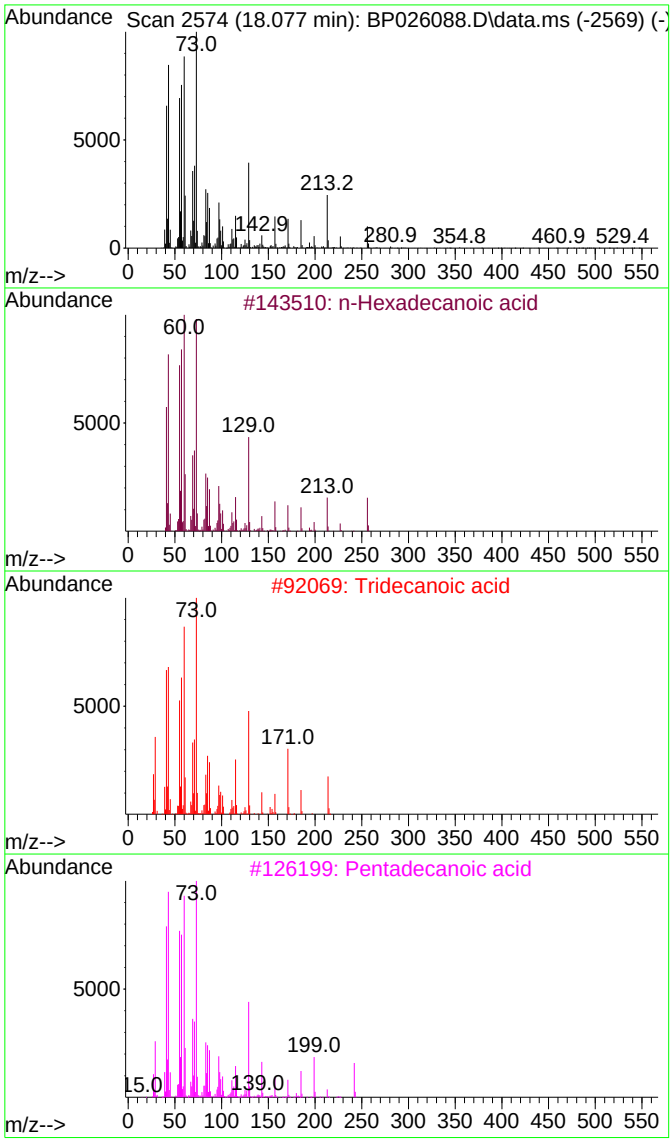
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

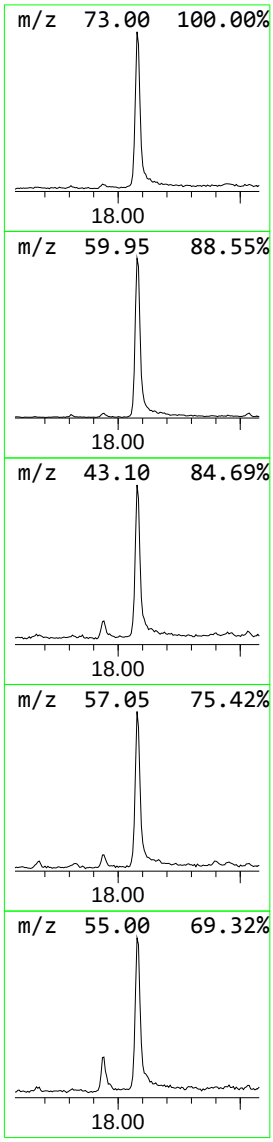
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.077	6.83 ng	1144790	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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

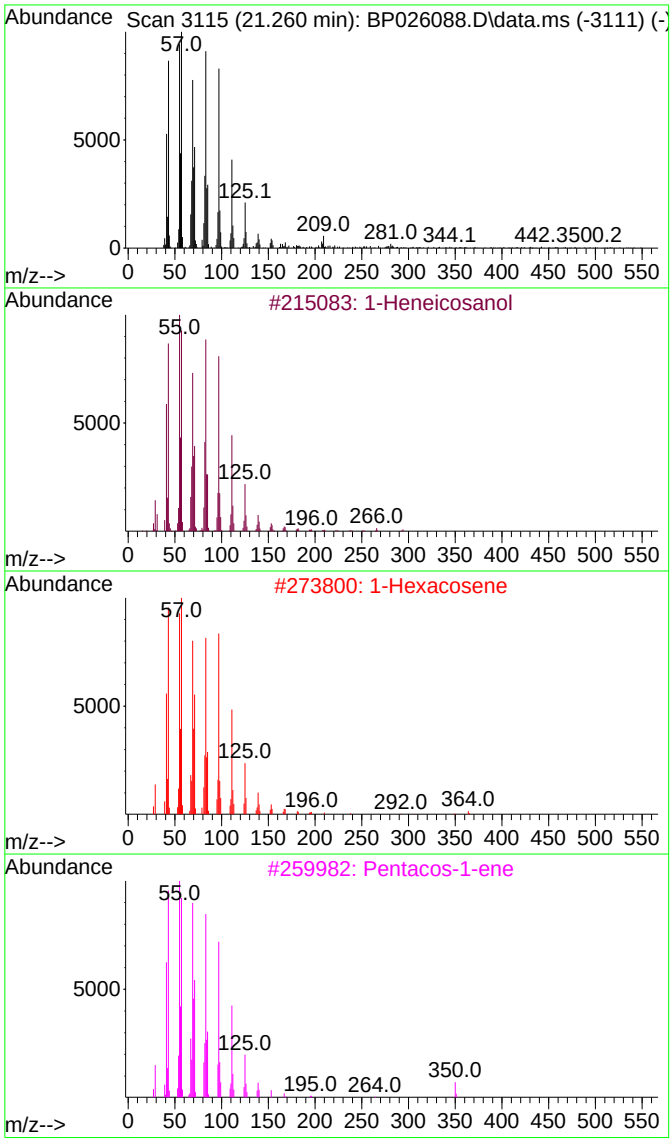
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

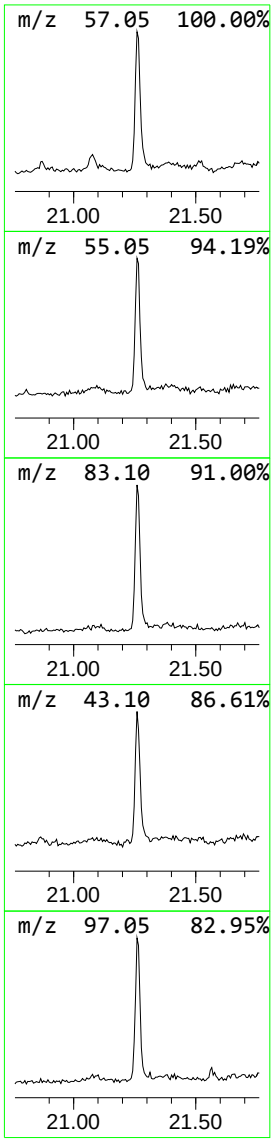
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Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.259	2.64 ng	586079	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

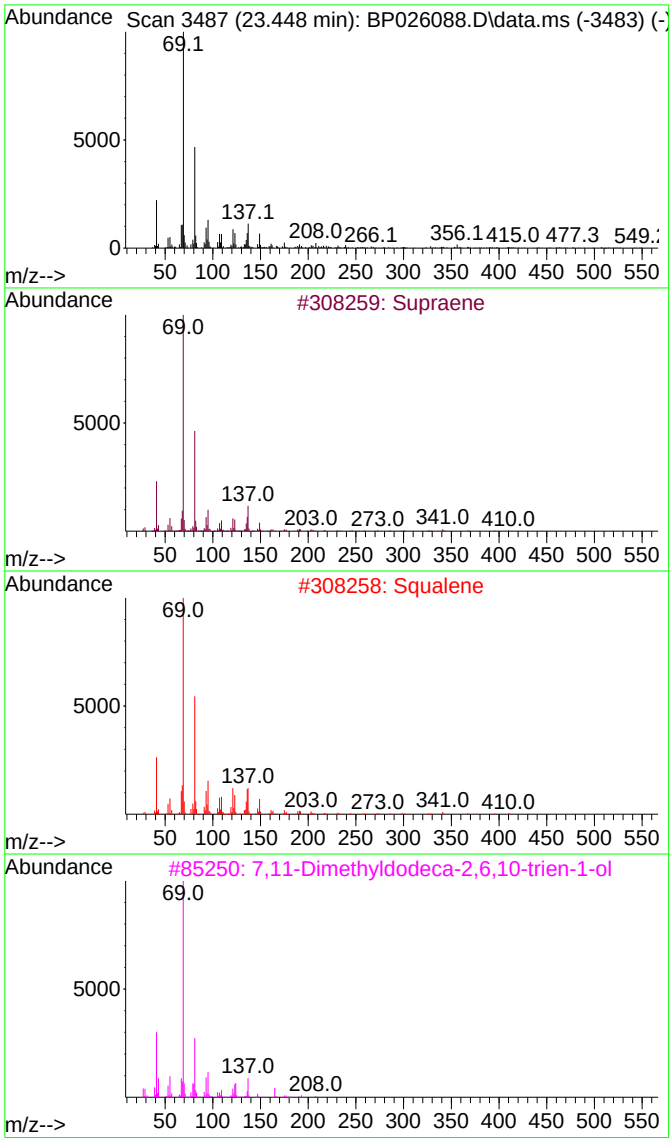
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

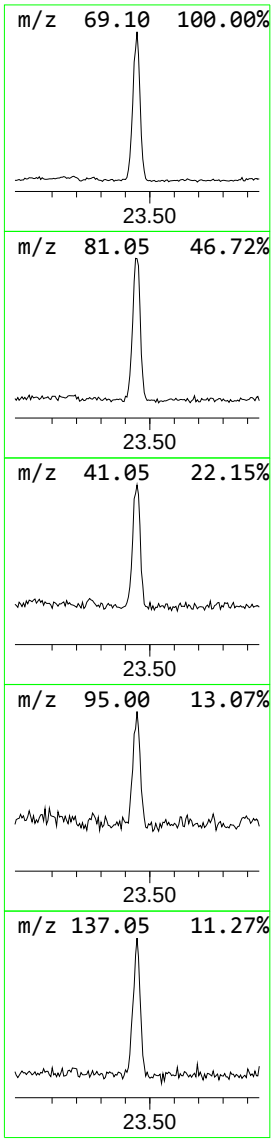
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Peak Number 4 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.448	2.17 ng	531498	Perylene-d12	24.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	97
2	Squalene	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	64
5	trans-Farnesol	222	C15H26O	000106-28-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026088.D
Acq On : 06 Nov 2025 22:33
Operator : RC/JU
Sample : Q3552-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-10

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
Benzophenone	15.695	3.2	ng	385415	3	14.307	2421260	20.0
n-Hexadecanoic ...	18.077	6.8	ng	1144790	4	17.119	3350120	20.0
1-Heneicosanol	21.259	2.6	ng	586079	5	21.565	4431960	20.0
Supraene	23.448	2.2	ng	531498	6	24.889	4906450	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Time: Nov 07 00:01:48 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

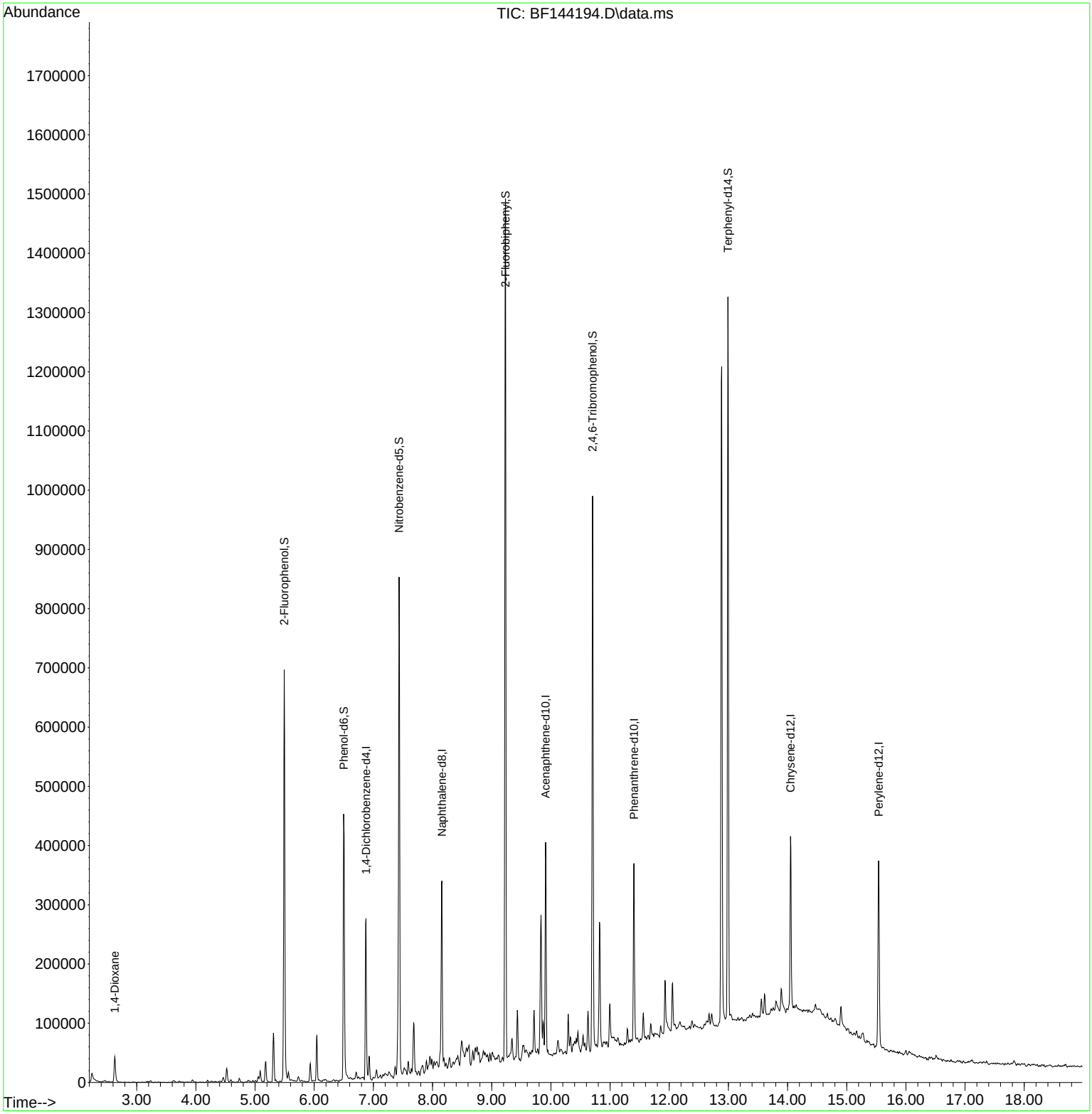
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58210	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	208798	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105364	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	159603	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155174	20.000	ng	0.00
86) Perylene-d12	15.539	264	204734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	274834	73.884	ng	0.00
7) Phenol-d6	6.498	99	205741	48.814	ng	0.00
23) Nitrobenzene-d5	7.434	82	342614	94.769	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	172047	130.122	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	699695	98.079	ng	0.00
79) Terphenyl-d14	12.992	244	657689	67.323	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	22710	14.767	ng	# 93

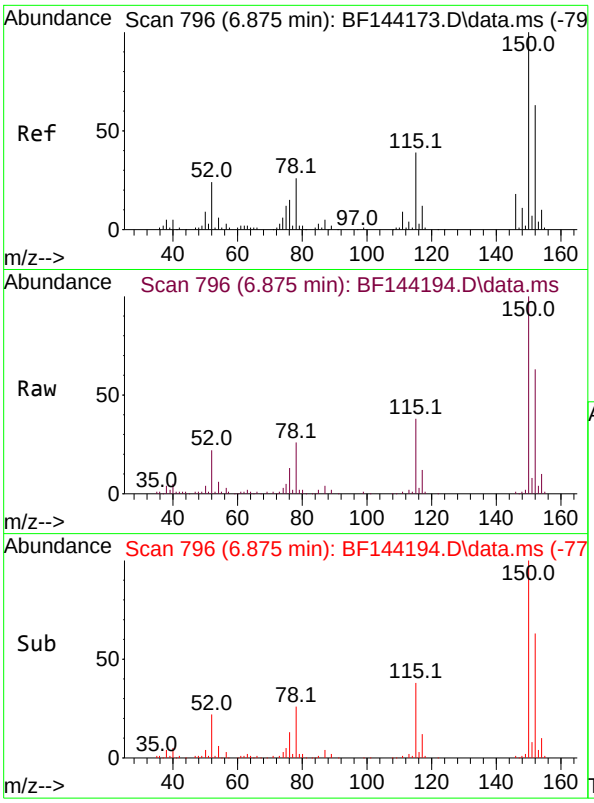
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Time: Nov 07 00:01:48 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



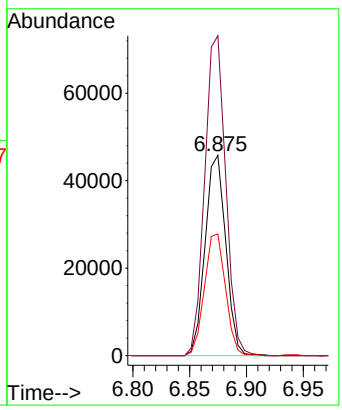


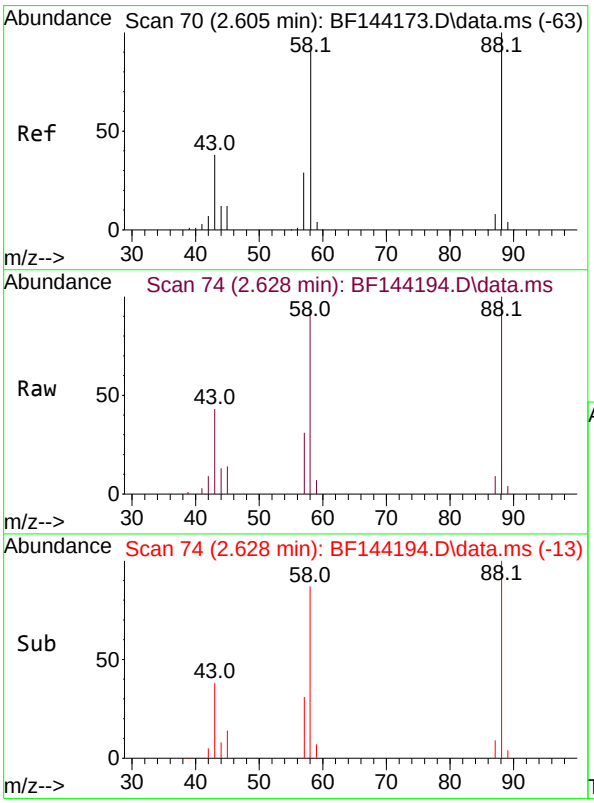
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 58210

Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.4	191.0
115	60.7	49.5	74.3

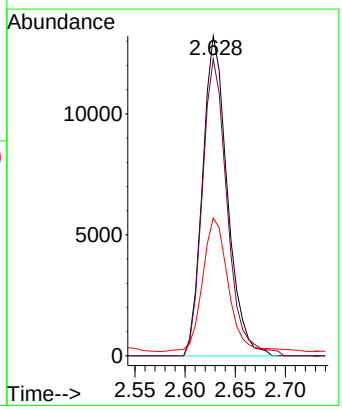


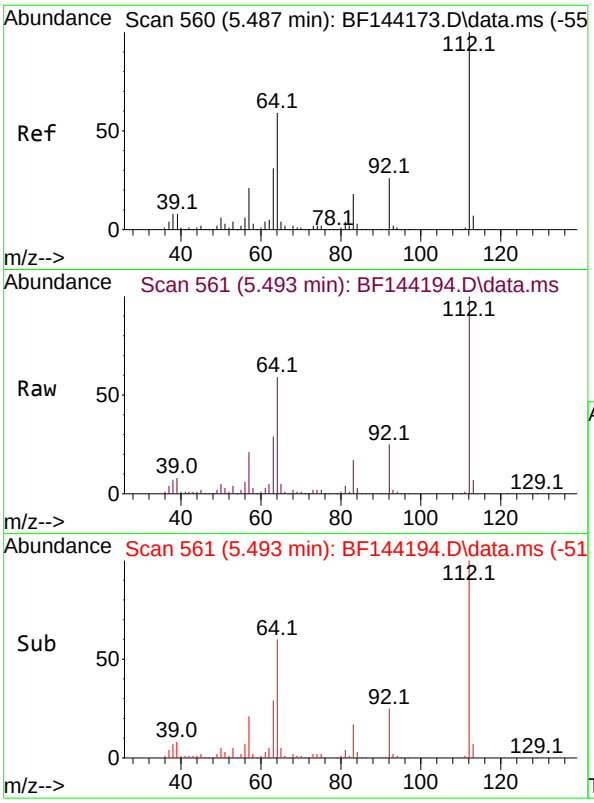


#2
1,4-Dioxane
Concen: 14.767 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion: 88 Resp: 22710

Ion	Ratio	Lower	Upper
88	100		
58	92.7	73.1	109.7
43	51.3	31.0	46.6#



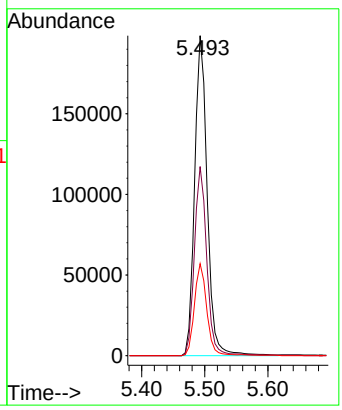


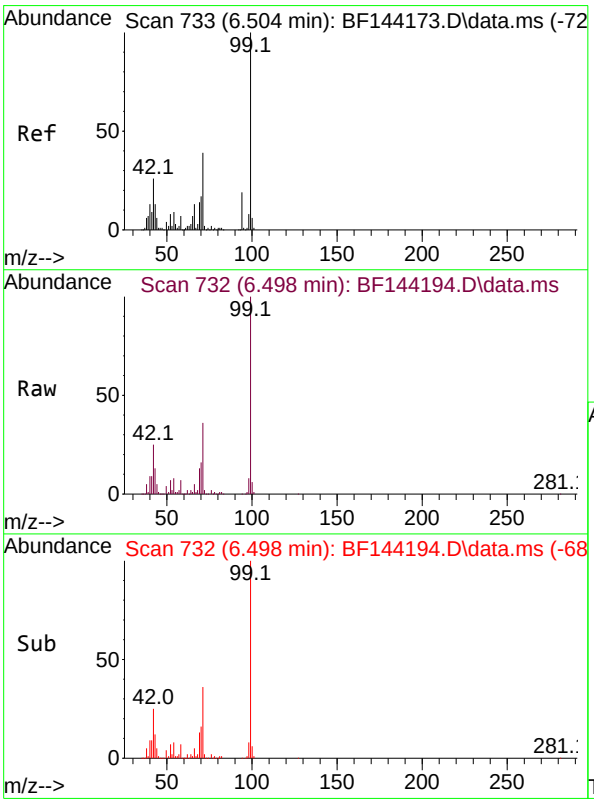
#5
2-Fluorophenol
Concen: 73.884 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:112 Resp: 274834

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.2	70.8
63	28.7	24.4	36.6

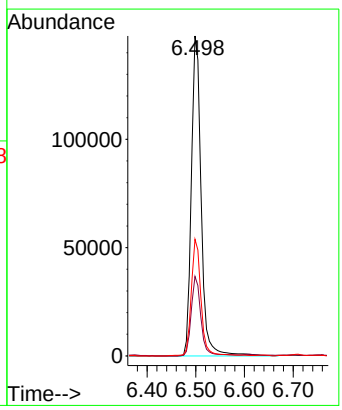


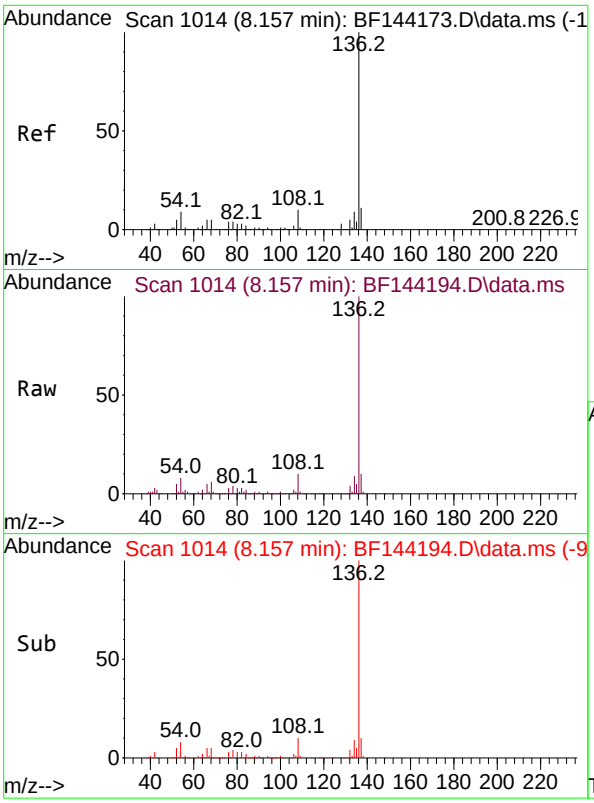


#7
Phenol-d6
Concen: 48.814 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion: 99 Resp: 205741

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.9	31.3
71	36.4	31.4	47.2



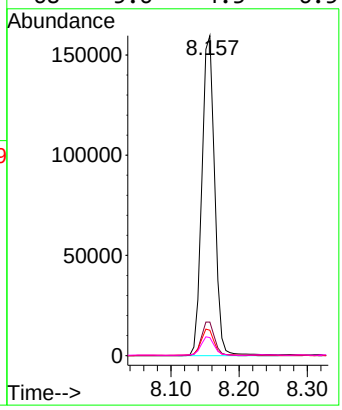


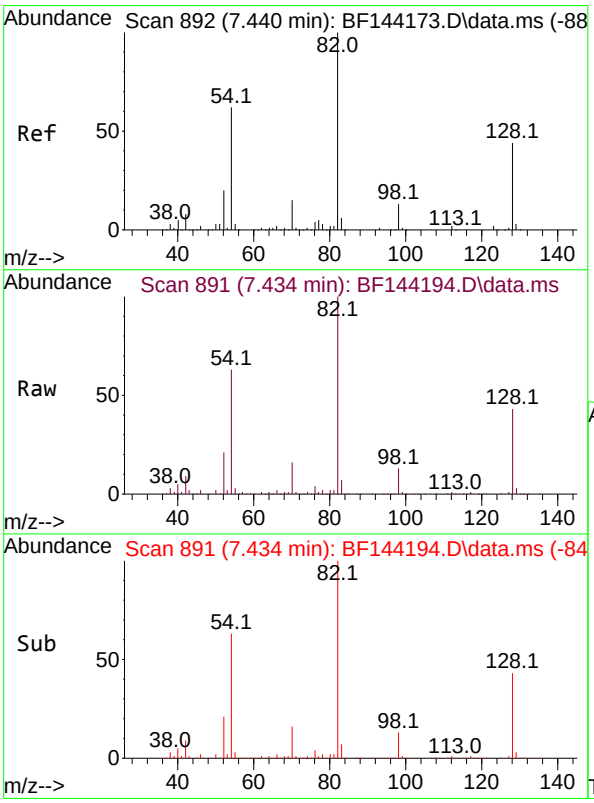
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 208798

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.9	7.0	10.6
68	5.6	4.3	6.5

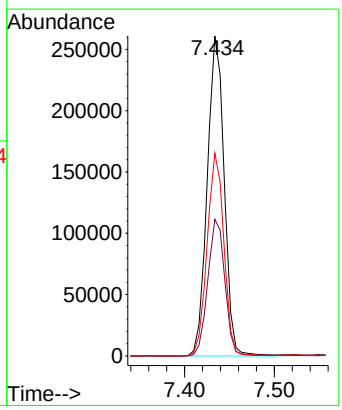


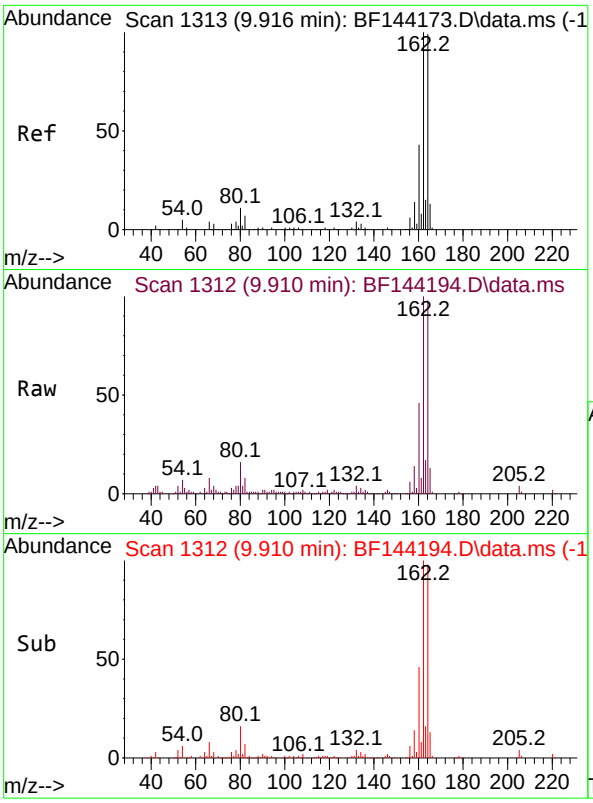


#23
Nitrobenzene-d5
Concen: 94.769 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion: 82 Resp: 342614

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.7	52.1
54	63.3	49.5	74.3



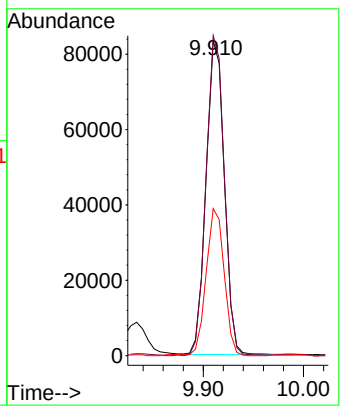


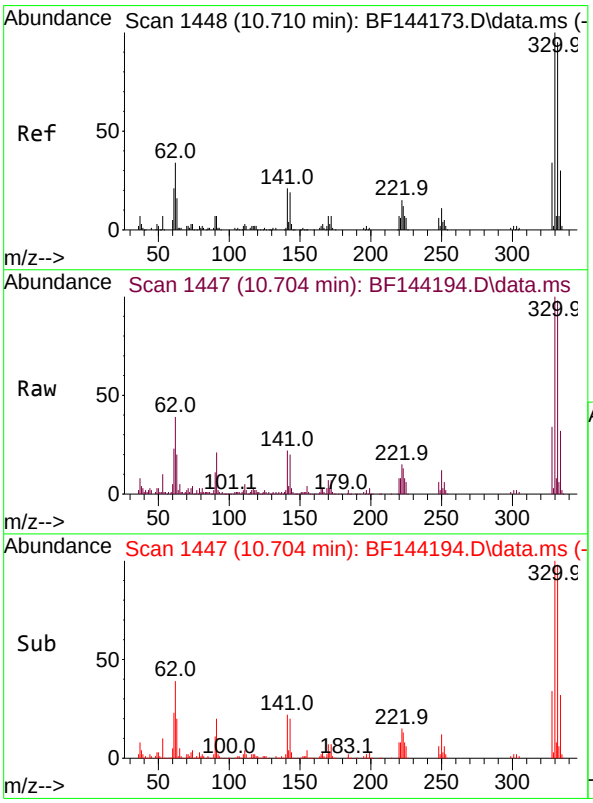
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 105364

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	46.7	34.5	51.7

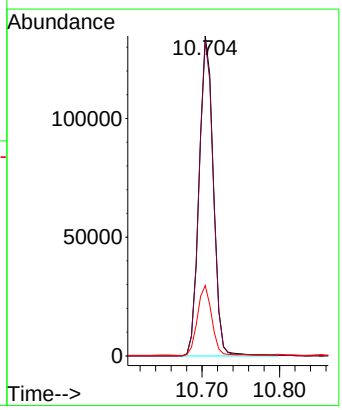


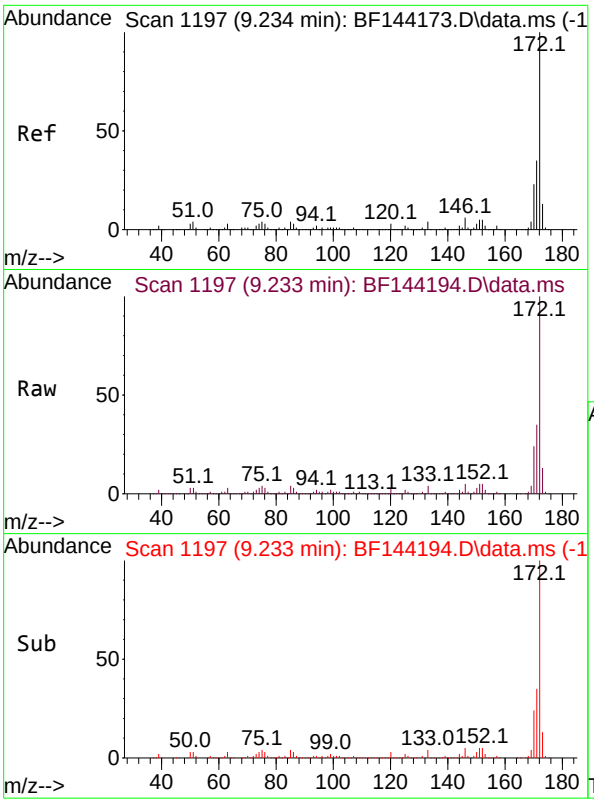


#42
2,4,6-Tribromophenol
Concen: 130.122 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion:330 Resp: 172047

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.7	115.1
141	22.1	17.8	26.8



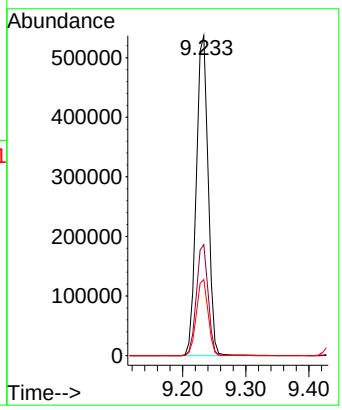


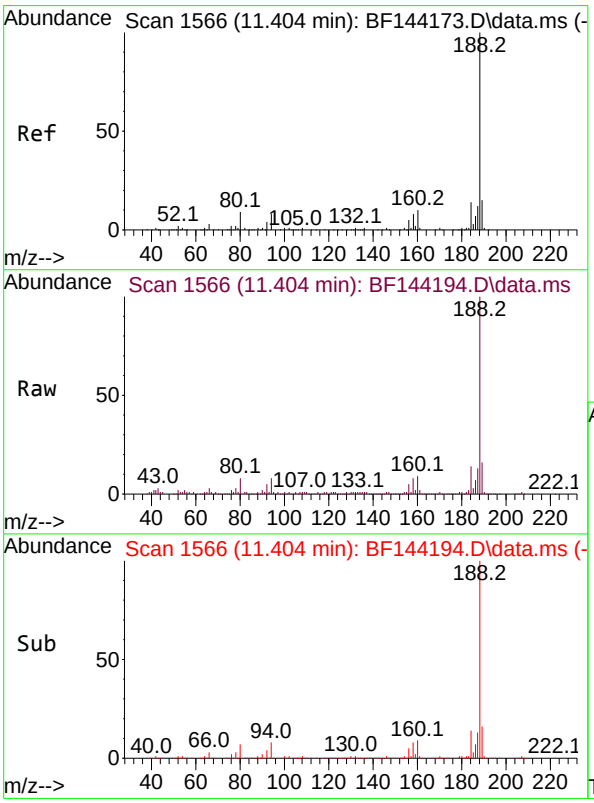
#45
2-Fluorobiphenyl
Concen: 98.079 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 699695

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.8	18.6	28.0

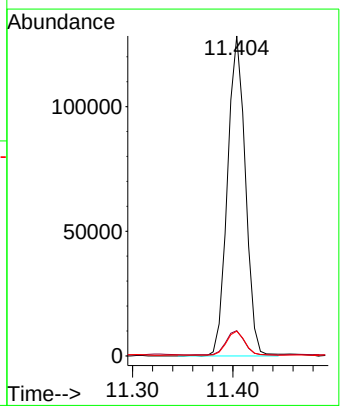


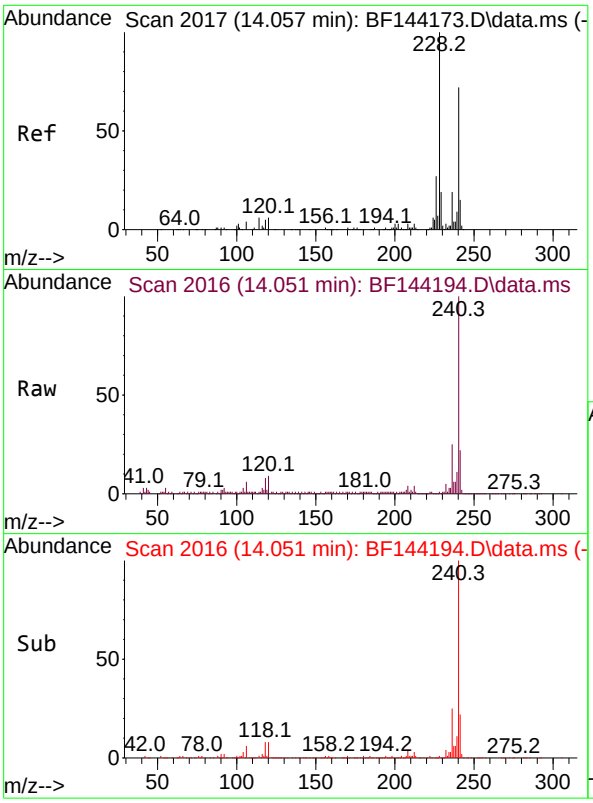


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion:188 Resp: 159603

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	7.7	6.9	10.3



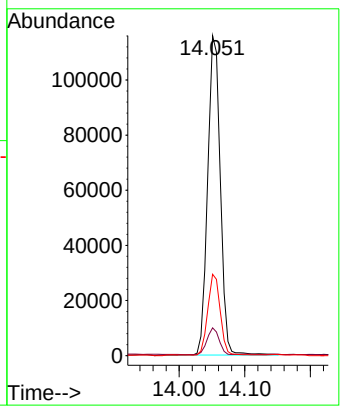


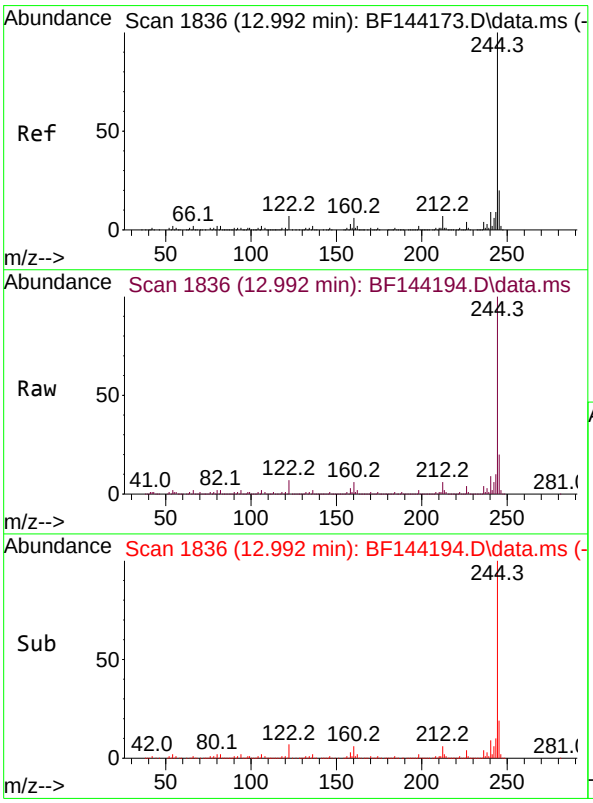
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:240 Resp: 155174

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	10.0
236	25.4	21.4	32.2

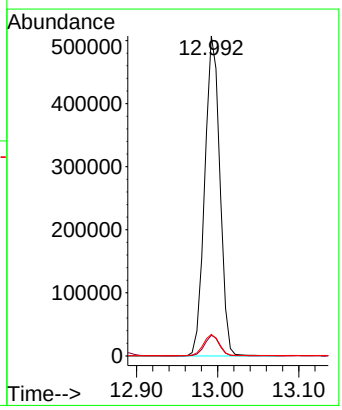


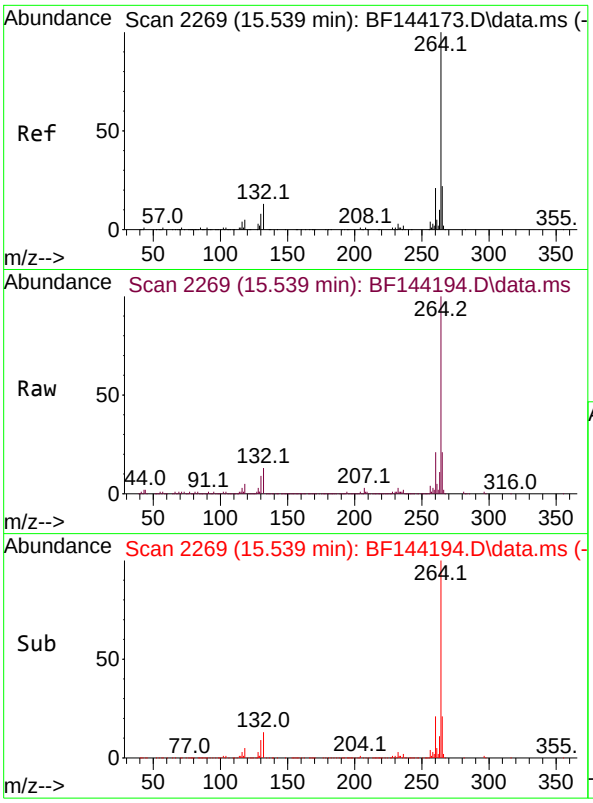


#79
Terphenyl-d14
Concen: 67.323 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Tgt Ion:244 Resp: 657689

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.7	5.6	8.4



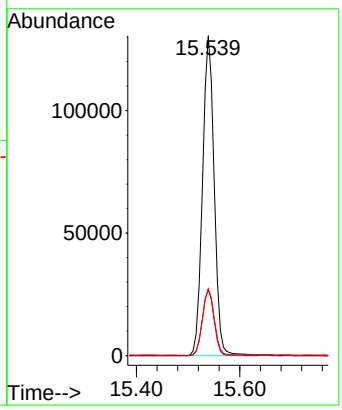


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144194.D
Acq: 06 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:264 Resp: 204734

Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.1	25.7
265	20.9	17.4	26.0



Sample Results: **BF144194.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-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_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	4	8	22	rBV3	13703	34911	1.84%	0.238%
2	2.628	68	74	88	rVB	42589	74891	3.94%	0.510%
3	4.522	391	396	403	rVB2	22843	35992	1.89%	0.245%
4	5.087	489	492	498	rVB	17738	24091	1.27%	0.164%
5	5.181	503	508	518	rVB	34396	51706	2.72%	0.352%
6	5.310	524	530	535	rBV	83143	121489	6.39%	0.827%
7	5.493	556	561	570	rBV	690584	928198	48.82%	6.317%
8	5.934	629	636	641	rBV2	30346	44082	2.32%	0.300%
9	6.045	650	655	659	rBV	77647	98282	5.17%	0.669%
10	6.498	727	732	748	rBV	448337	622552	32.74%	4.237%
11	6.875	791	796	801	rBV	271432	367867	19.35%	2.504%
12	6.928	801	805	813	rVB2	40691	56978	3.00%	0.388%
13	7.051	821	826	831	rVB4	13436	19461	1.02%	0.132%
14	7.369	875	880	883	rBV3	19352	31585	1.66%	0.215%
15	7.434	883	891	901	rVV	841445	1190757	62.63%	8.104%
16	7.522	901	906	909	rBV6	10722	19517	1.03%	0.133%
17	7.592	914	918	924	rBV4	21855	33107	1.74%	0.225%
18	7.681	928	933	939	rVB	83457	132650	6.98%	0.903%
19	7.828	951	958	963	rBV7	16741	42723	2.25%	0.291%
20	7.898	966	970	973	rVV3	18963	27023	1.42%	0.184%
21	7.957	973	980	983	rVV6	22565	46774	2.46%	0.318%
22	7.987	983	985	989	rVB3	15123	19098	1.00%	0.130%
23	8.157	1005	1014	1018	rBV	314393	446446	23.48%	3.038%
24	8.286	1031	1036	1041	rVB7	16505	27643	1.45%	0.188%
25	8.492	1065	1071	1080	rBV10	40774	126131	6.63%	0.858%
26	8.681	1099	1103	1106	rBV4	18188	25340	1.33%	0.172%
27	8.722	1106	1110	1113	rBV	19575	32701	1.72%	0.223%
28	9.010	1155	1159	1163	rBV6	13339	25004	1.32%	0.170%
29	9.233	1191	1197	1202	rBV	1455328	1901365	100.00%	12.940%
30	9.345	1212	1216	1221	rVB3	35989	57553	3.03%	0.392%
31	9.433	1227	1231	1236	rVB	83063	109734	5.77%	0.747%
32	9.716	1275	1279	1284	rBV	70619	89354	4.70%	0.608%
33	9.833	1293	1299	1303	rBV	232777	381273	20.05%	2.595%
34	9.869	1303	1305	1308	rVV2	51380	61838	3.25%	0.421%
35	9.910	1308	1312	1317	rVB	353490	444987	23.40%	3.028%
36	10.122	1344	1348	1352	rVB7	19446	31348	1.65%	0.213%

Sample Results: **BF144194.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-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_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.292	1373	1377	1380	rBV	66439	83975	4.42%	0.572%
38	10.328	1381	1383	1388	rVB3	25623	34733	1.83%	0.236%
39	10.457	1403	1405	1413	rVB4	34104	47895	2.52%	0.326%
40	10.545	1417	1420	1423	rVB	17829	20661	1.09%	0.141%
41	10.628	1429	1434	1440	rVB	68912	101003	5.31%	0.687%
42	10.704	1442	1447	1456	rBV2	935202	1235447	64.98%	8.408%
43	10.822	1462	1467	1475	rVB	210580	308662	16.23%	2.101%
44	10.998	1492	1497	1502	rBV	72938	118536	6.23%	0.807%
45	11.292	1544	1547	1551	rBV	23705	28586	1.50%	0.195%
46	11.404	1561	1566	1573	rBV	299612	390619	20.54%	2.658%
47	11.563	1589	1593	1598	rVB2	42205	52096	2.74%	0.355%
48	11.686	1611	1614	1619	rBV	25460	42032	2.21%	0.286%
49	11.927	1651	1655	1660	rBV	90437	138160	7.27%	0.940%
50	12.057	1673	1677	1682	rBV	78086	113622	5.98%	0.773%
51	12.886	1812	1818	1828	rBV	1107474	1629402	85.70%	11.089%
52	12.992	1831	1836	1842	rVV	1216667	1567966	82.47%	10.671%
53	13.610	1939	1941	1947	rVB2	34536	45034	2.37%	0.306%
54	14.051	2012	2016	2023	rVB	289580	386034	20.30%	2.627%
55	14.904	2157	2161	2170	rVB2	33050	56588	2.98%	0.385%
56	15.539	2263	2269	2279	rVB	316080	508101	26.72%	3.458%

Sum of corrected areas: 14693603

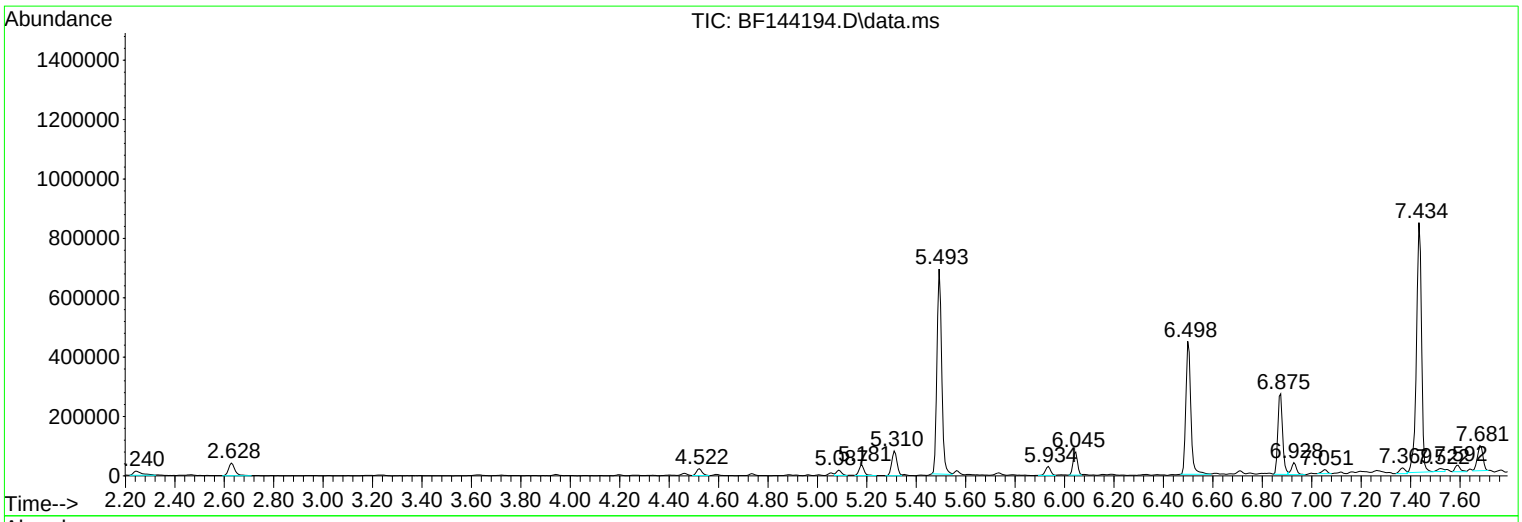
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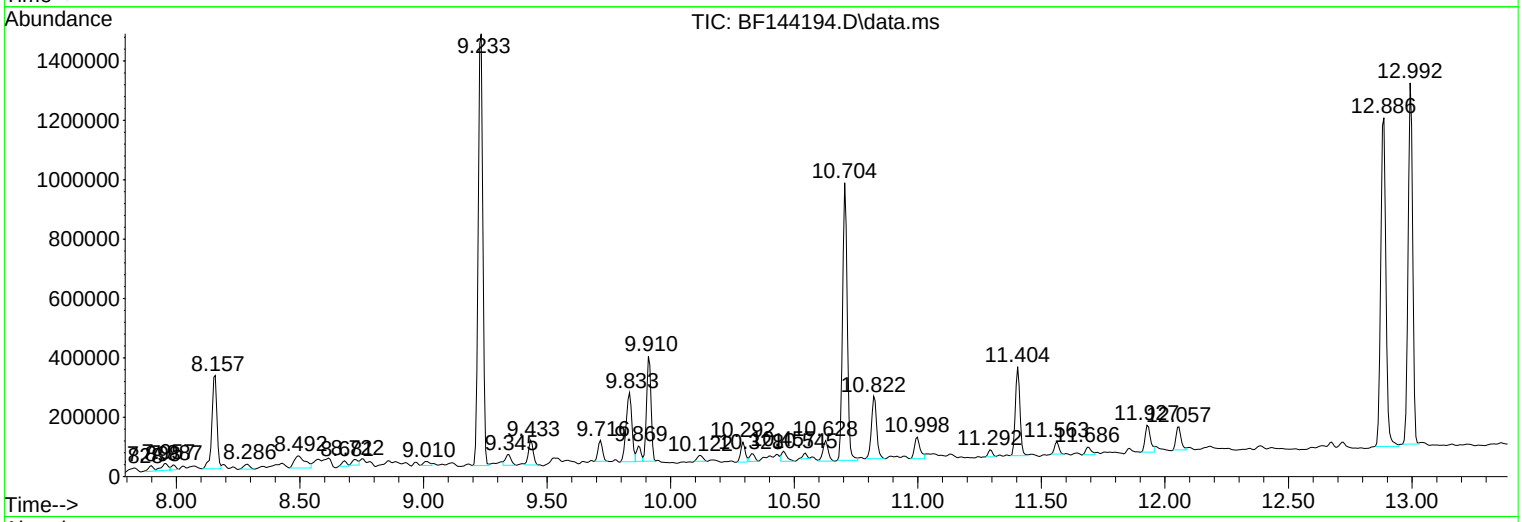
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Operator : RC/JU
Sample : Q3552-05
Misc :
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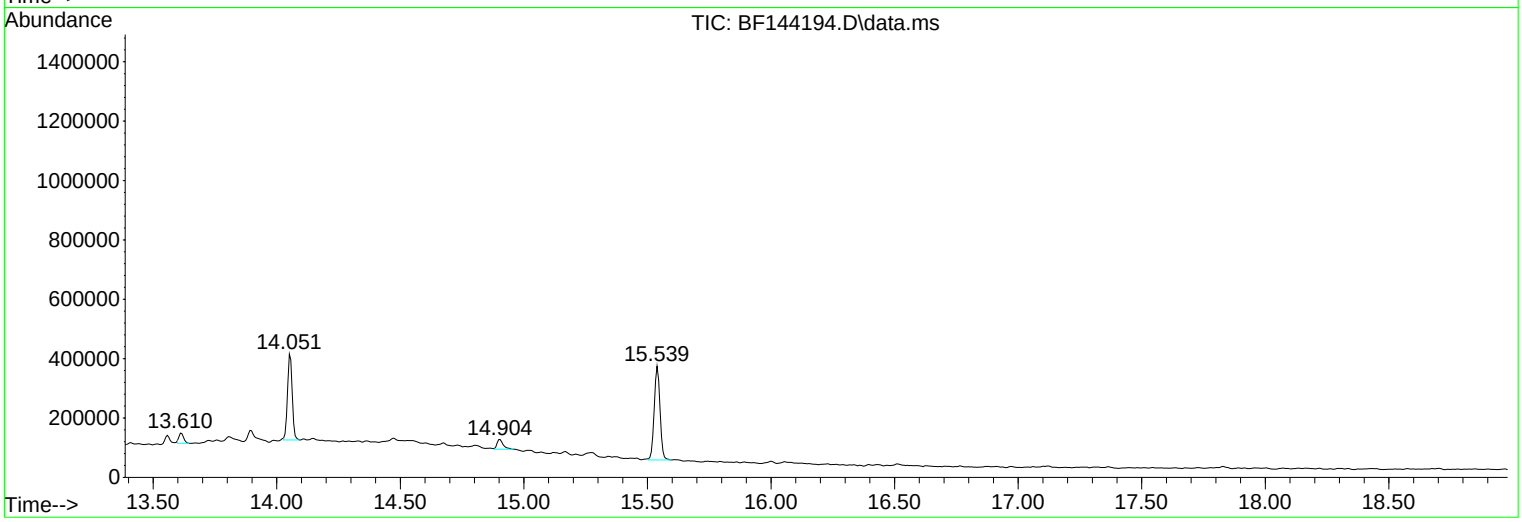
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

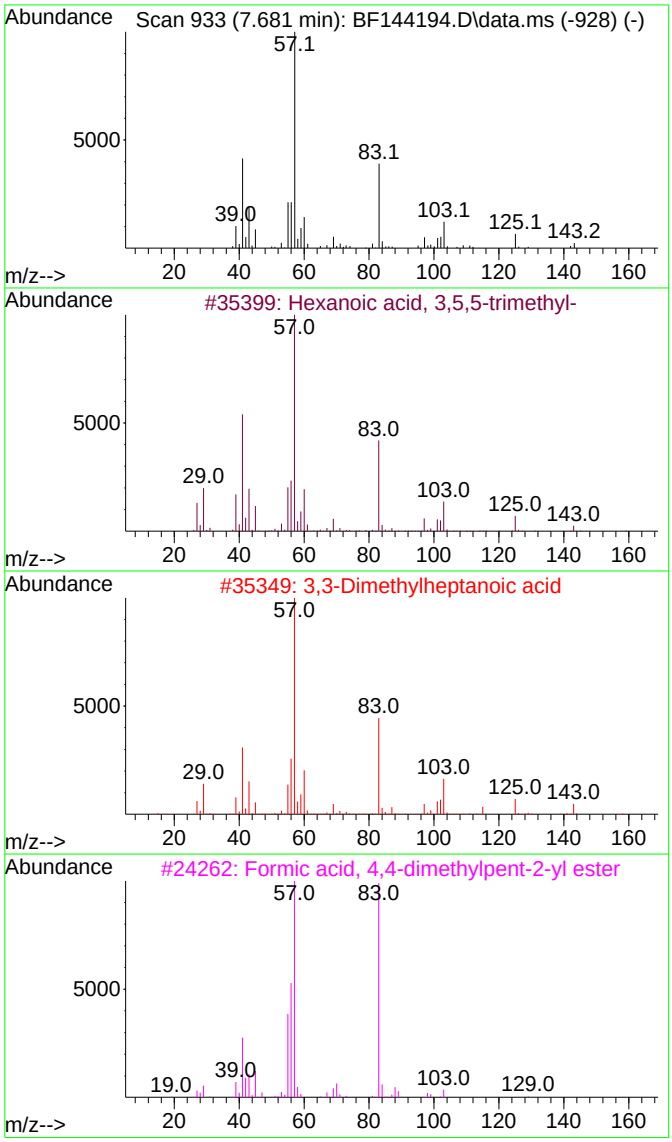
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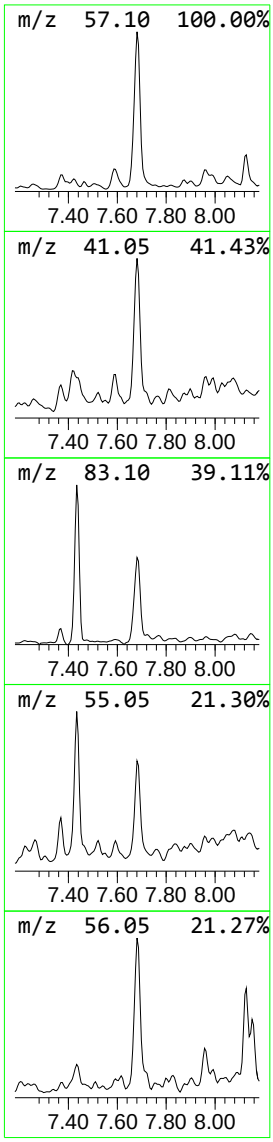
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Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	5.94 ng	132650	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	43
4	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	42
5	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
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Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

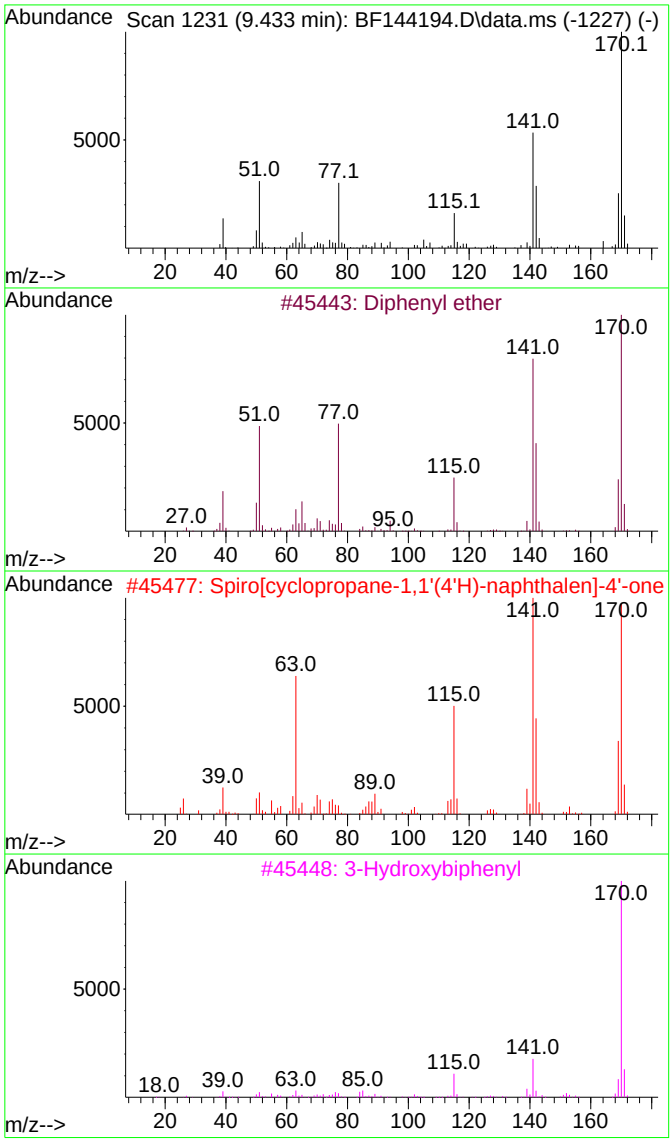
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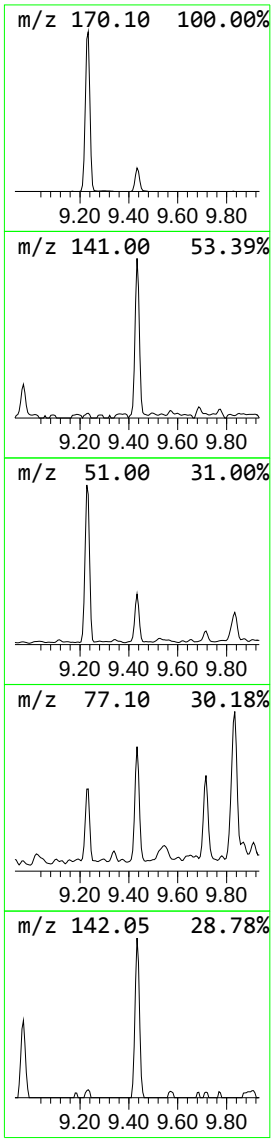
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Peak Number 9 Diphenyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	4.93 ng	109734	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	96
2	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	81
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	52
4	2-Carbonitrile-8-hydroxyquinolin...	212	C12H8N2O2	313965-55-8	43
5	2-(2-Cyanophenyl)oxazole	170	C10H6N2O	1000281-31-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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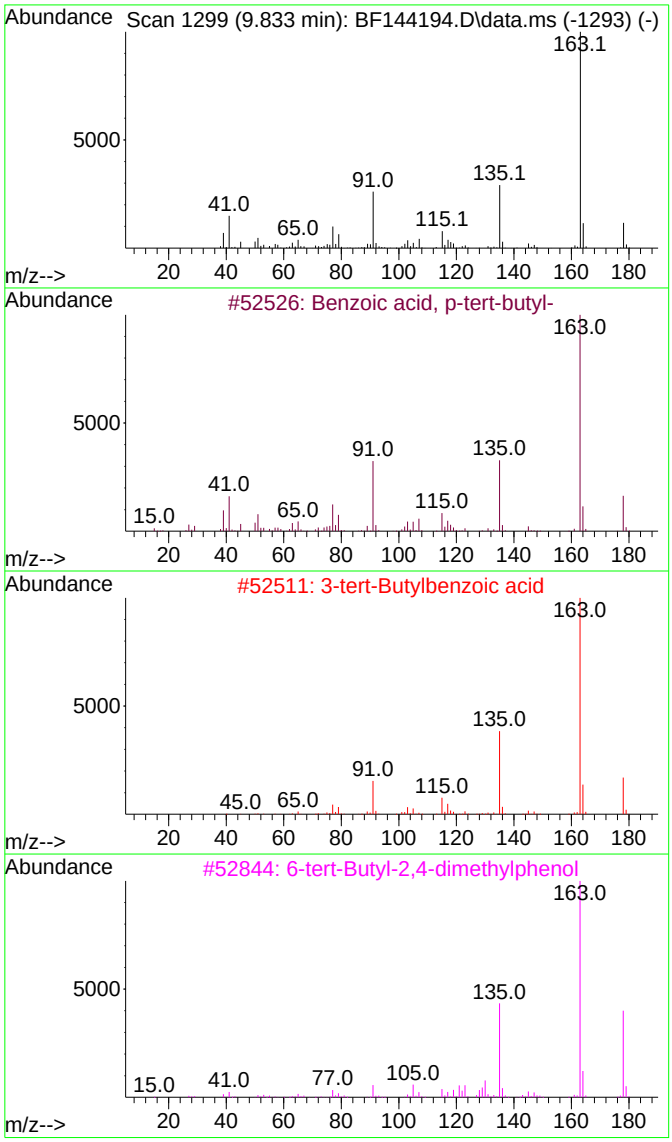
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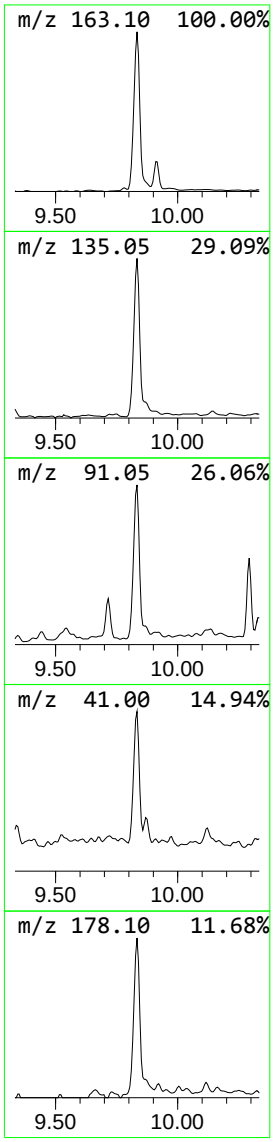
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Peak Number 11 Benzoic acid, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	17.14 ng	381273	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
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	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	59
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
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Sample : Q3552-05
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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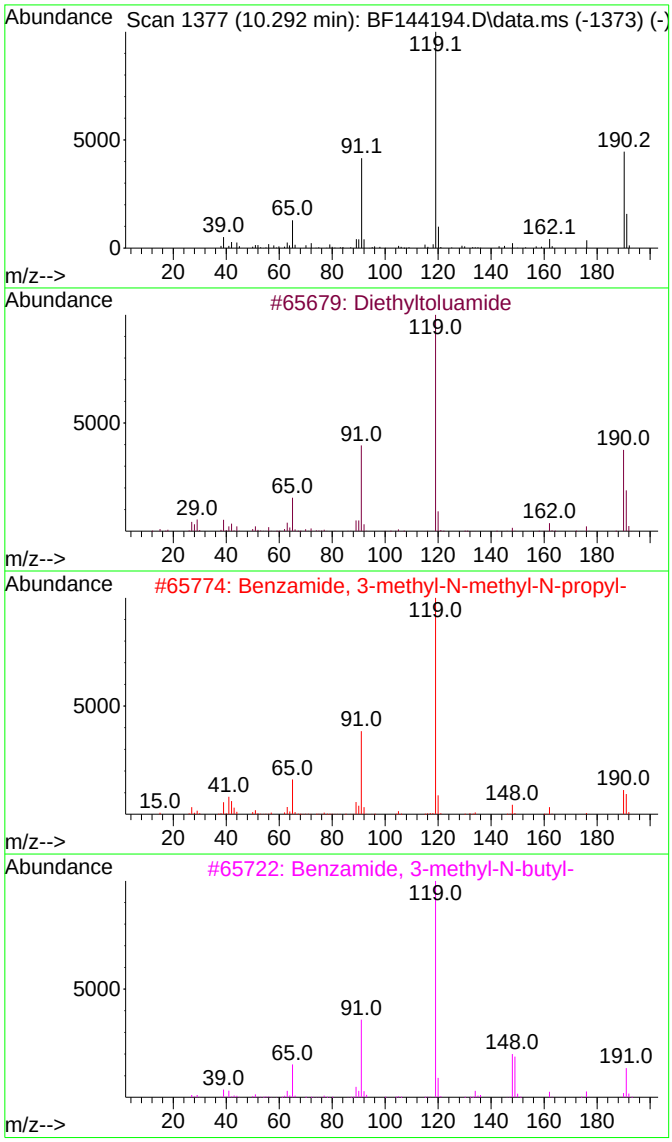
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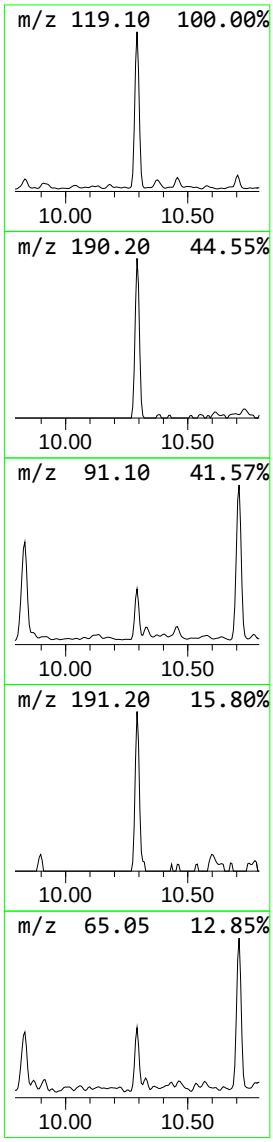
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Peak Number 12 Diethyltoluamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	3.77 ng	83975	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	72
3	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	68
4	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	58
5	Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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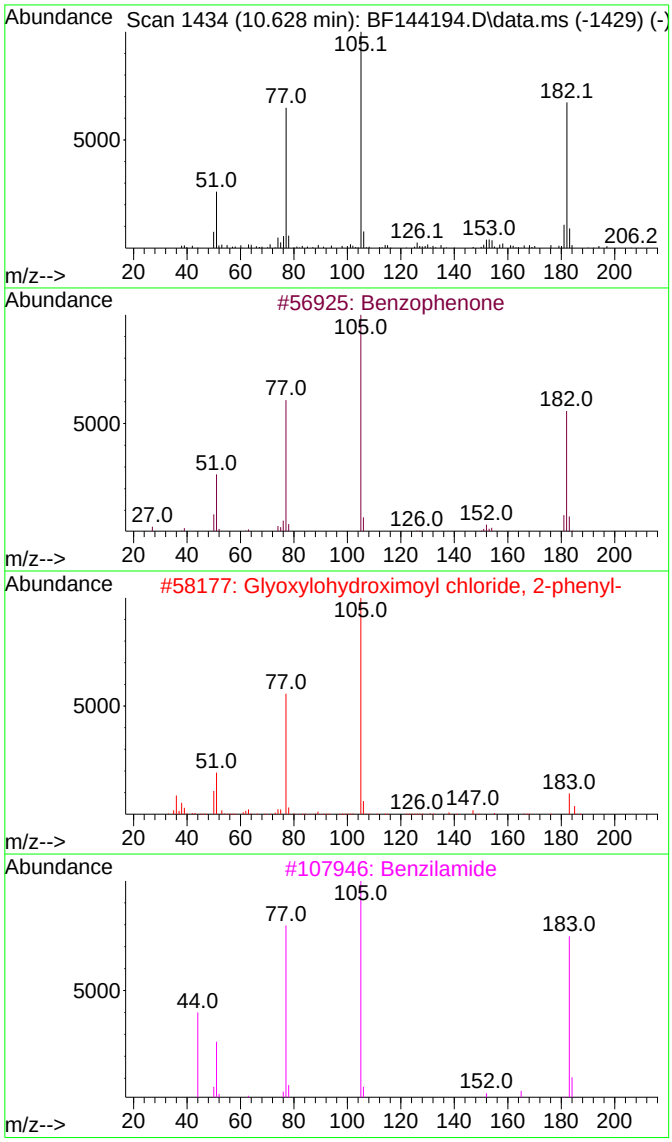
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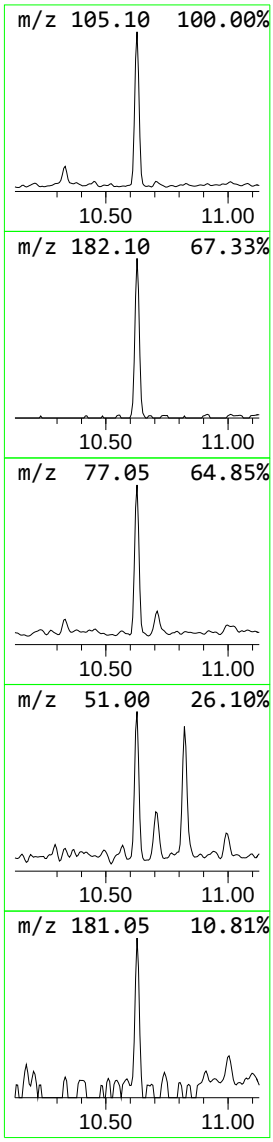
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Peak Number 13 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.54 ng	101003	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	46
3	Benzilamide	227	C14H13NO2	004746-87-6	43
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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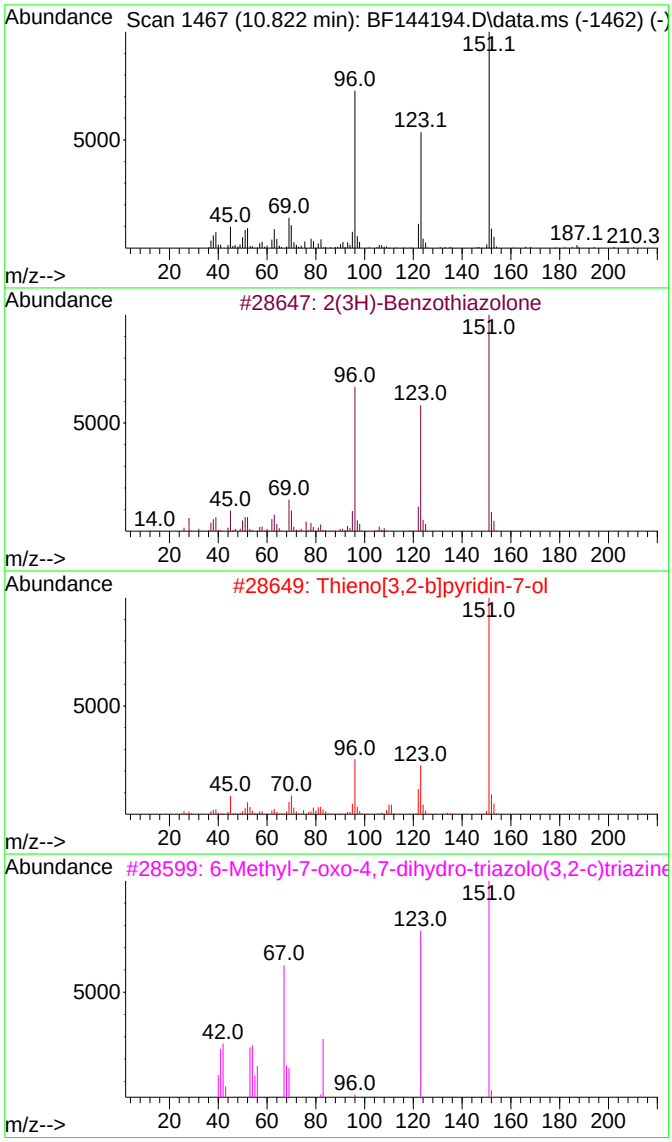
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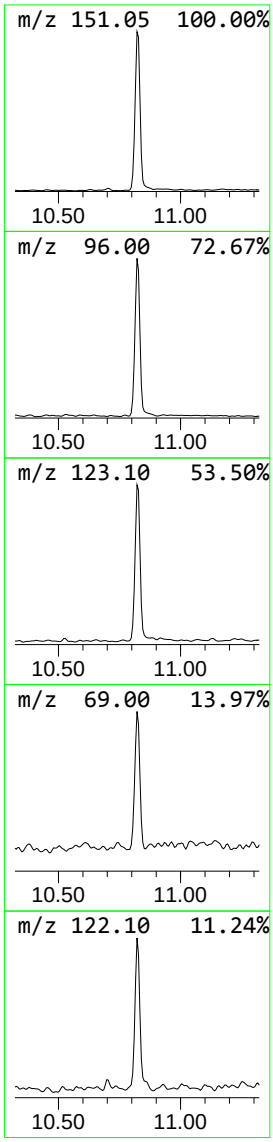
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Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	15.80 ng	308662	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	Thieno[3,2-b]pyridin-7-ol	151	C7H5NOS	107818-20-2	68
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	46
5	carbamothioic acid, N-methyl-, S...	208	C9H8N2O2S	1000400-57-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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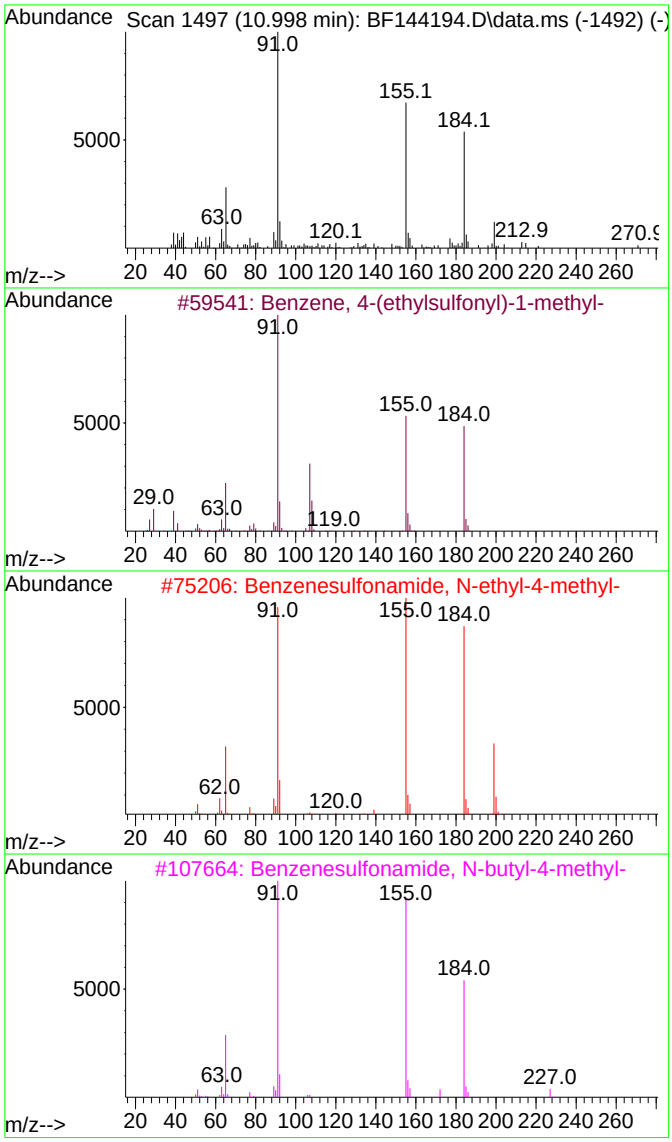
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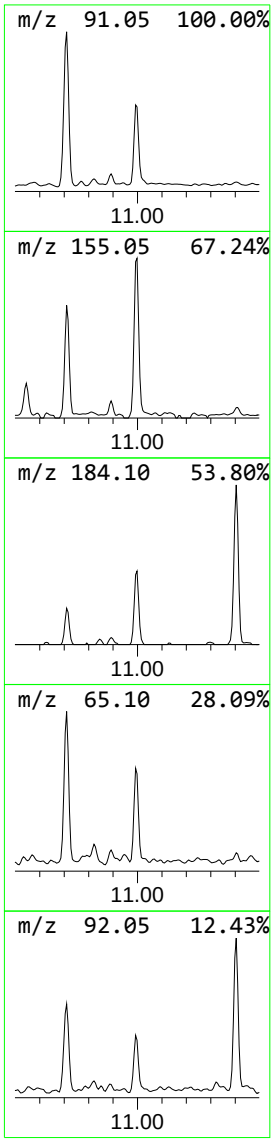
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Peak Number 15 Benzene, 4-(ethylsulfonyl)-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	6.07 ng	118536	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(ethylsulfonyl)-1-met...	184	C9H12O2S	007569-34-8	94
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	90
3	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	87
4	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	86
5	Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

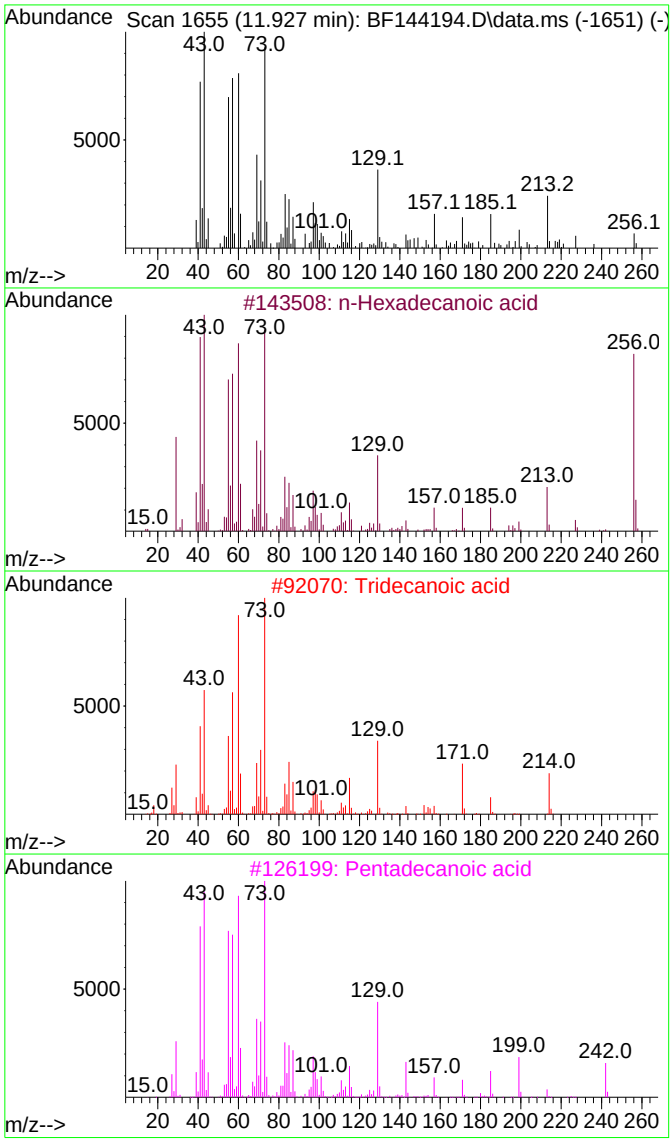
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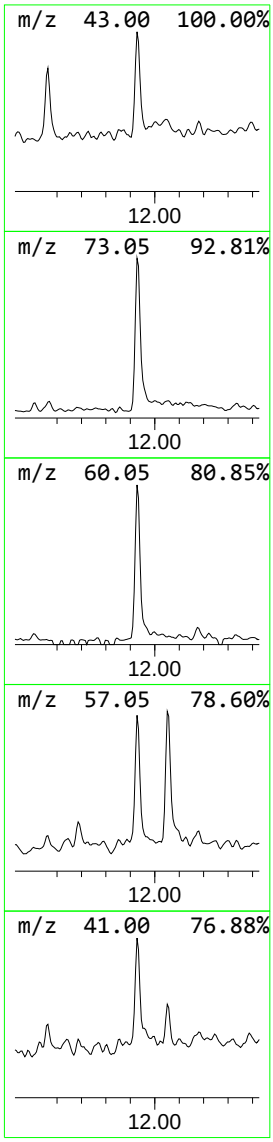
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Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	7.07 ng	138160	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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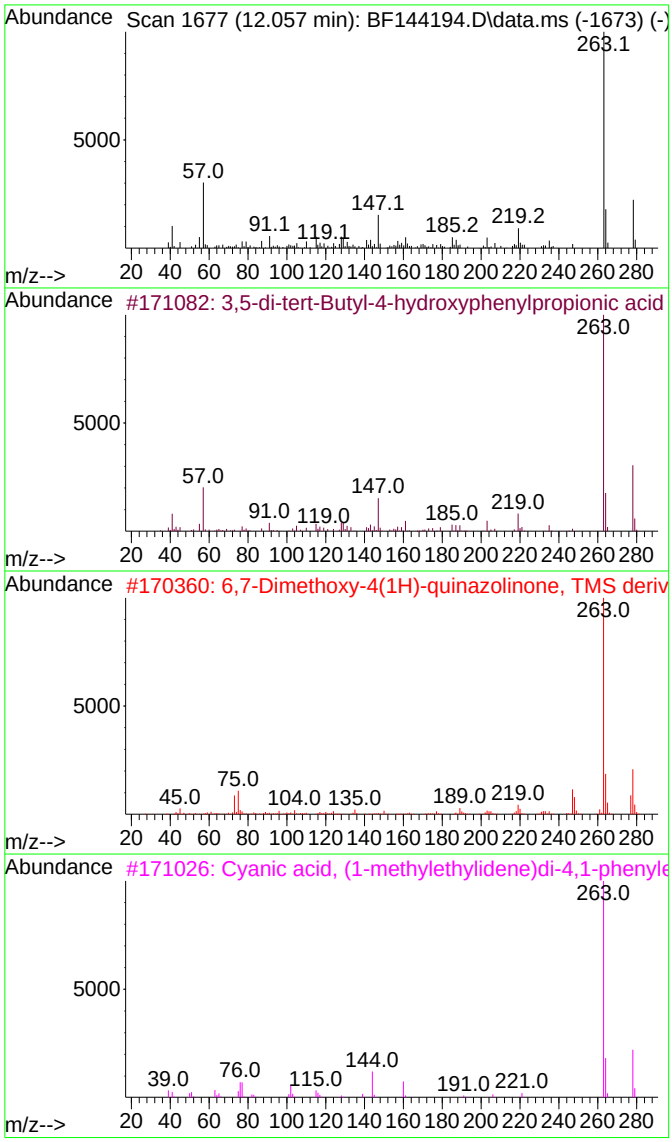
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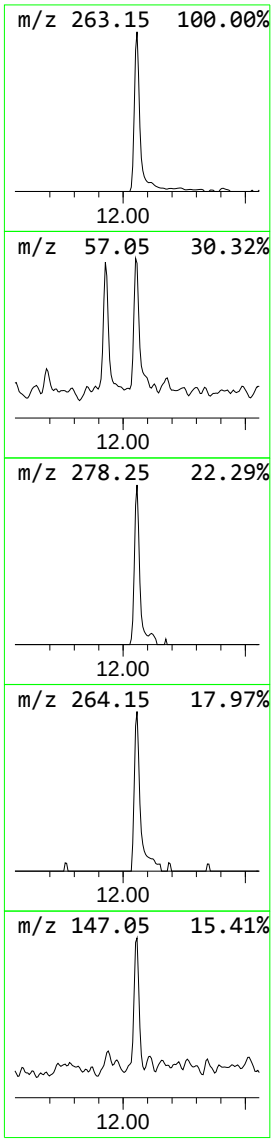
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Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	5.82 ng	113622	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	81
3	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	64
5	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
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ALS Vial : 16 Sample Multiplier: 1

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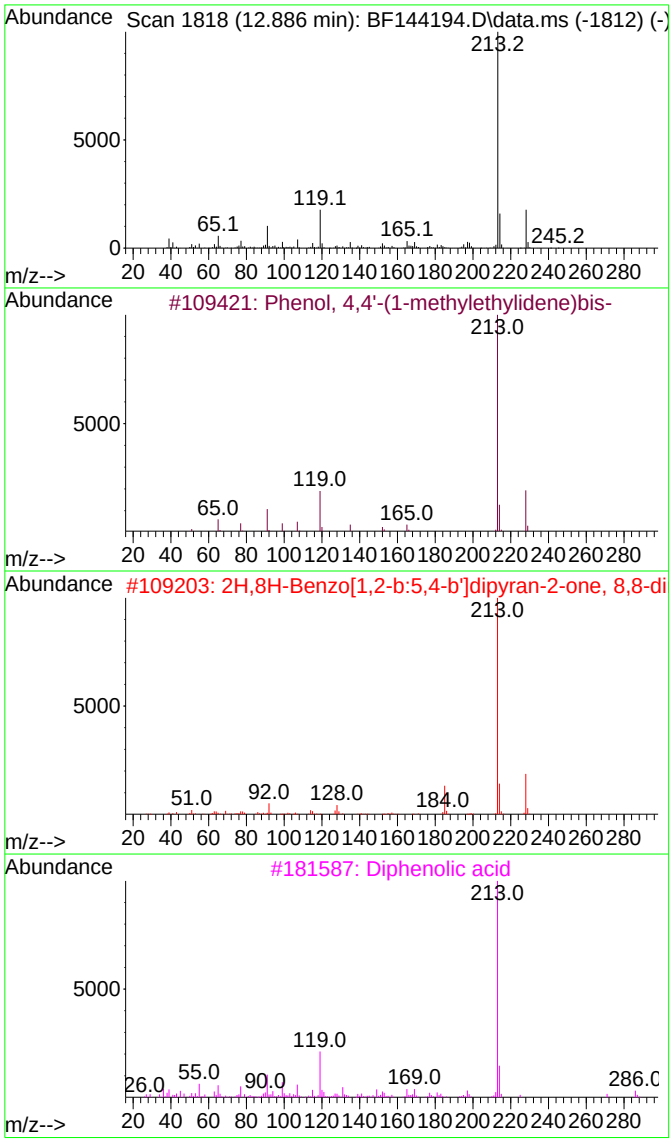
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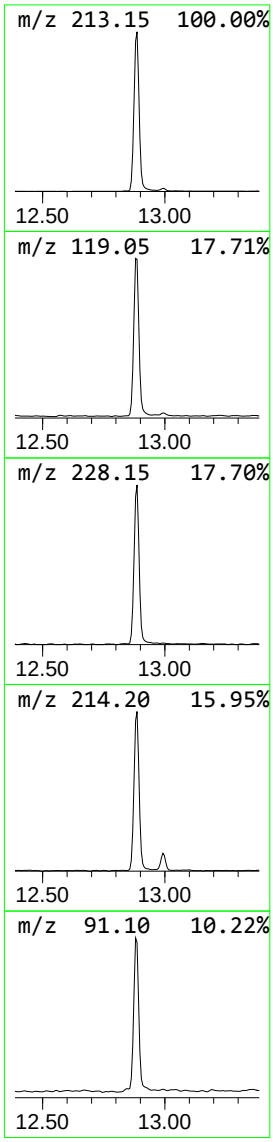
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Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	84.42 ng	1629400	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3	Diphenolic acid	286	C17H18O4	000126-00-1	56
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	53
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144194.D
Acq On : 06 Nov 2025 18:23
Operator : RC/JU
Sample : Q3552-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

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
Hexanoic acid, ...	7.681	5.9	ng	132650	2	8.157	446446	20.0
Diphenyl ether	9.433	4.9	ng	109734	3	9.910	444987	20.0
Benzoic acid, p...	9.833	17.1	ng	381273	3	9.910	444987	20.0
Diethyltoluamide	10.292	3.8	ng	83975	3	9.910	444987	20.0
Benzophenone	10.628	4.5	ng	101003	3	9.910	444987	20.0
2(3H)-Benzothia...	10.822	15.8	ng	308662	4	11.404	390619	20.0
Benzene, 4-(eth...	10.998	6.1	ng	118536	4	11.404	390619	20.0
n-Hexadecanoic ...	11.927	7.1	ng	138160	4	11.404	390619	20.0
3,5-di-tert-But...	12.057	5.8	ng	113622	4	11.404	390619	20.0
Phenol, 4,4'-(1...	12.886	84.4	ng	1629400	5	14.051	386034	20.0

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

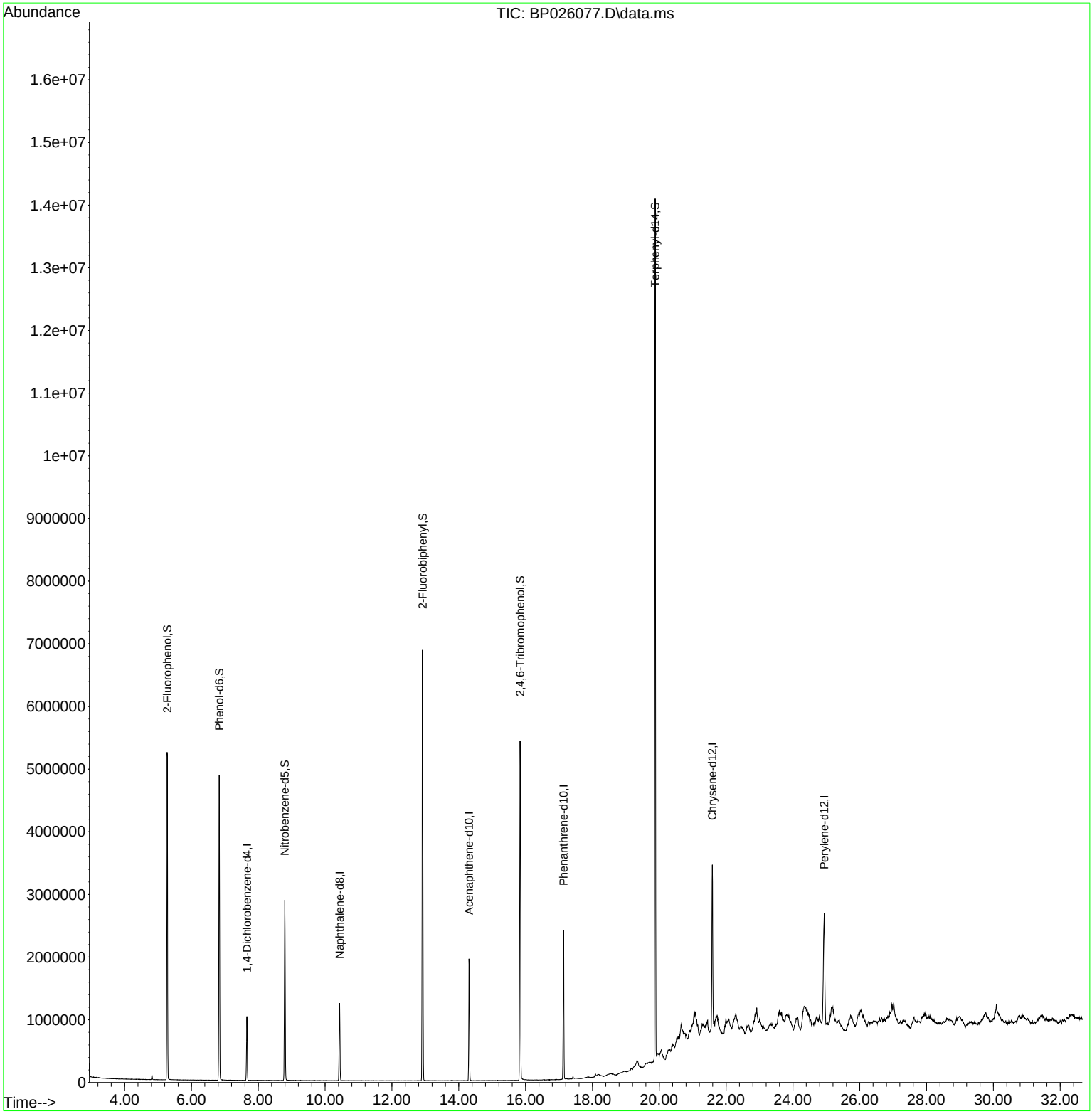
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	281412	20.000	ng	-0.03
21) Naphthalene-d8	10.437	136	1090241	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	699934	20.000	ng	-0.01
64) Phenanthrene-d10	17.136	188	1528535	20.000	ng	0.01
76) Chrysene-d12	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

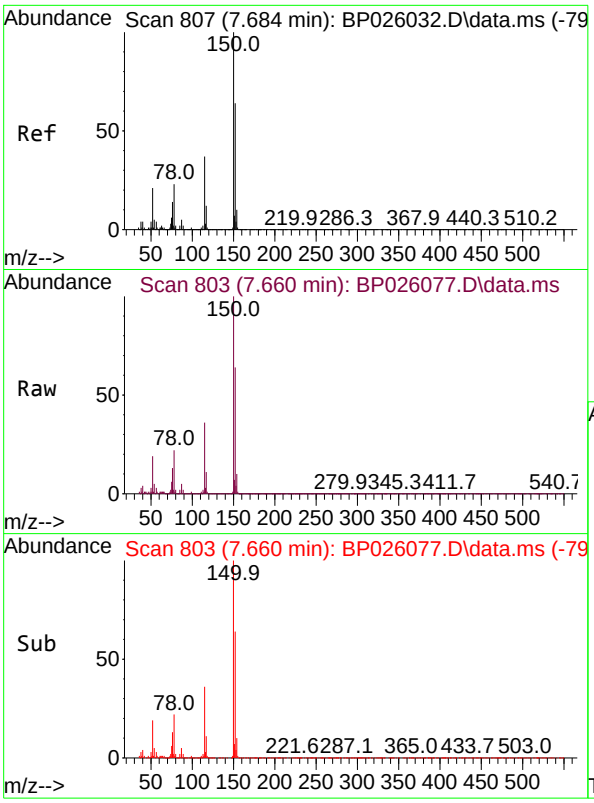
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



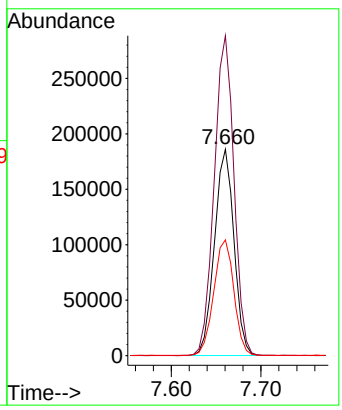


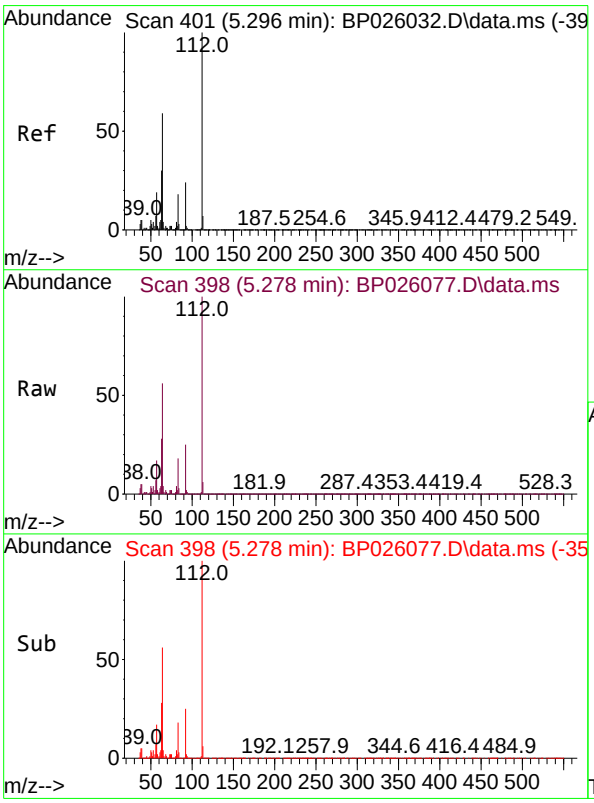
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

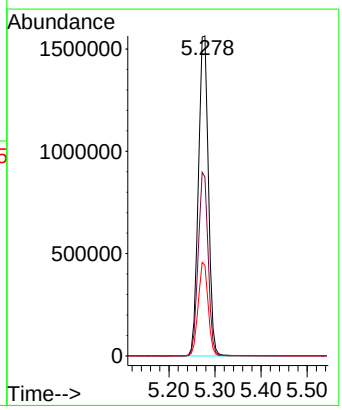


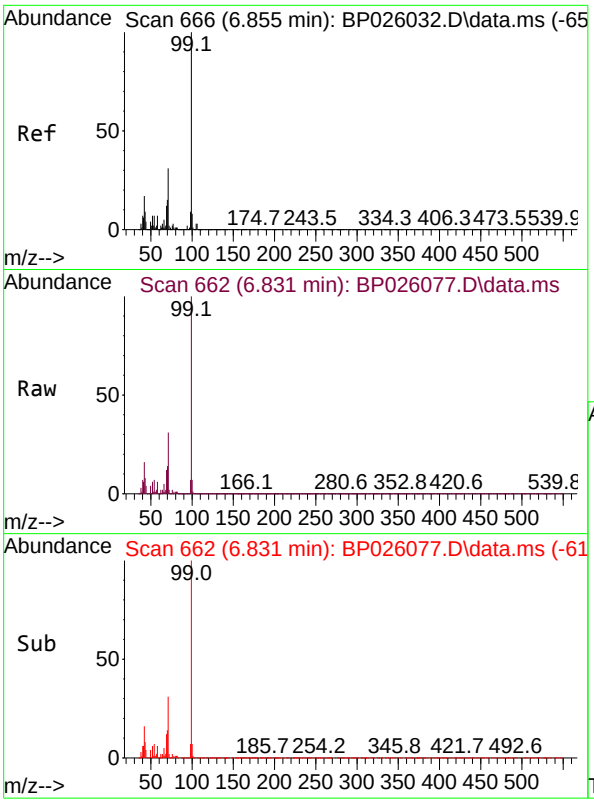


#5
2-Fluorophenol
Concen: 137.994 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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



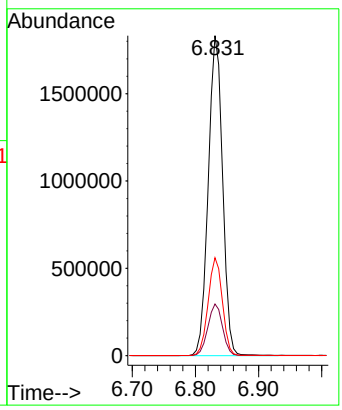


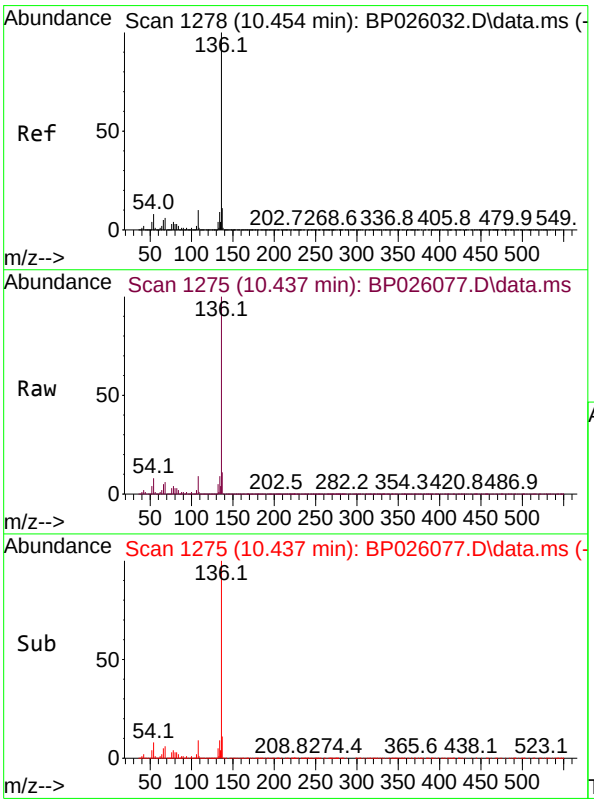
#7
Phenol-d6
Concen: 133.083 ng
RT: 6.831 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

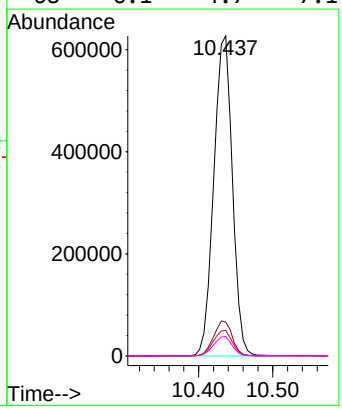


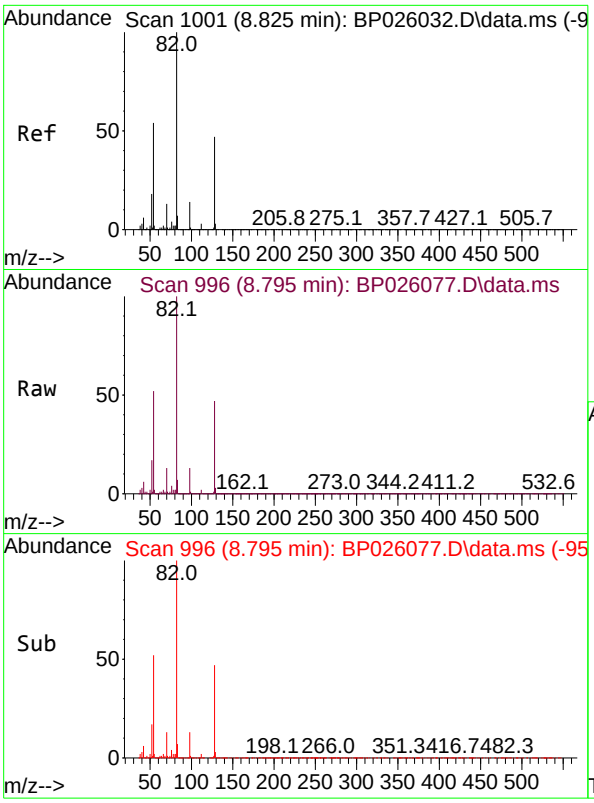


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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



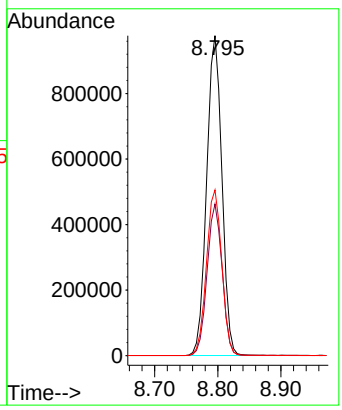


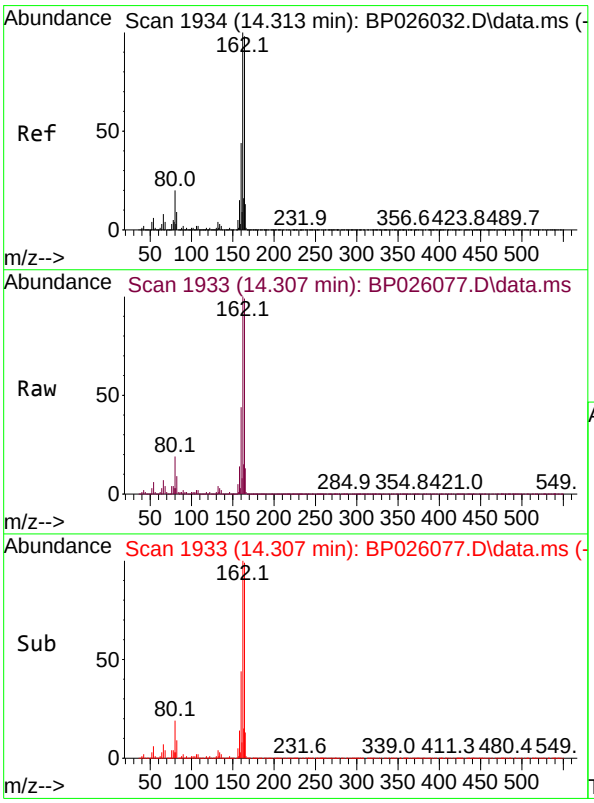
#23
Nitrobenzene-d5
Concen: 93.540 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

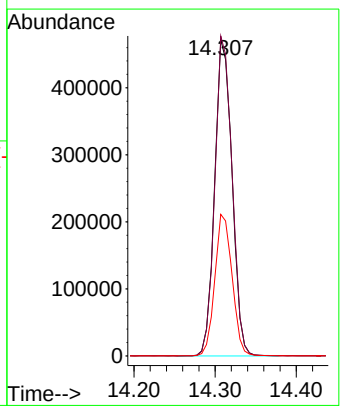


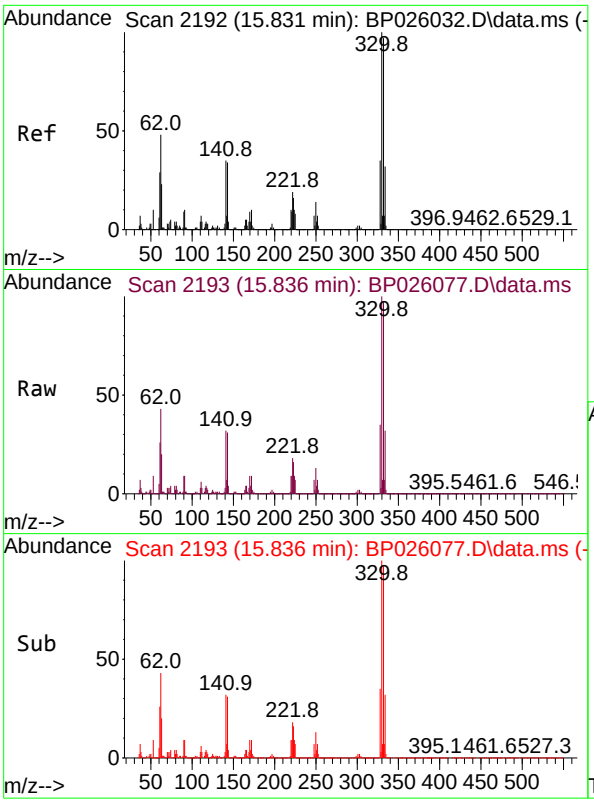


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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



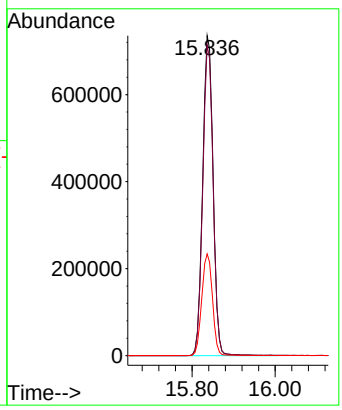


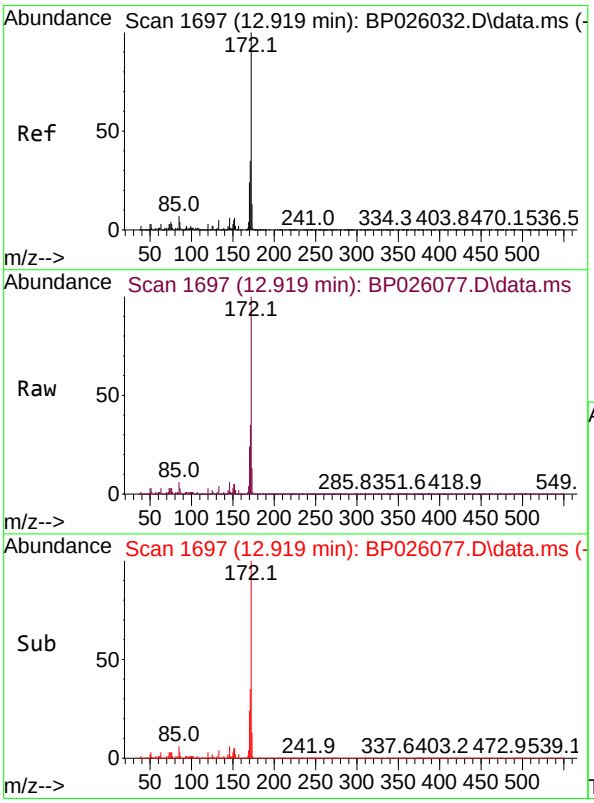
#42
2,4,6-Tribromophenol
Concen: 169.298 ng
RT: 15.836 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

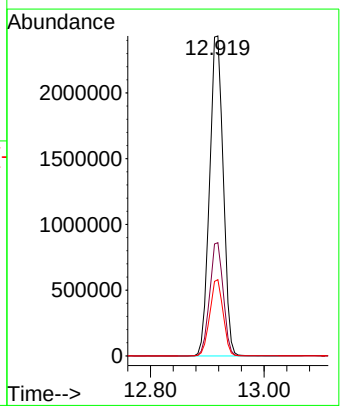


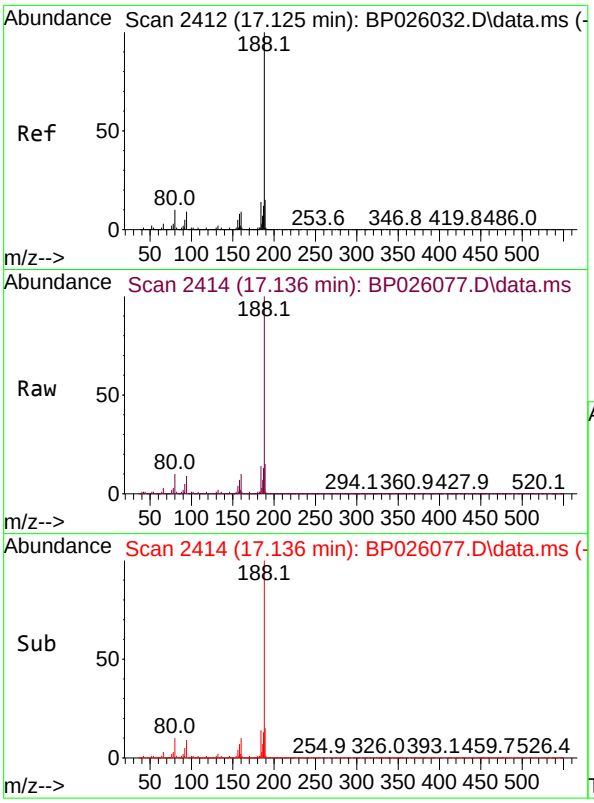


#45
2-Fluorobiphenyl
Concen: 83.629 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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



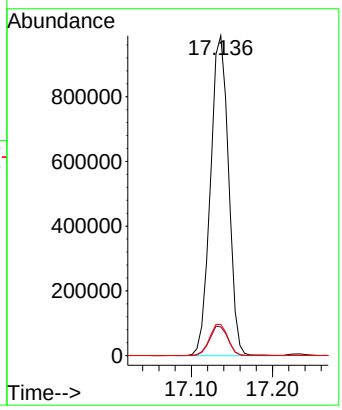


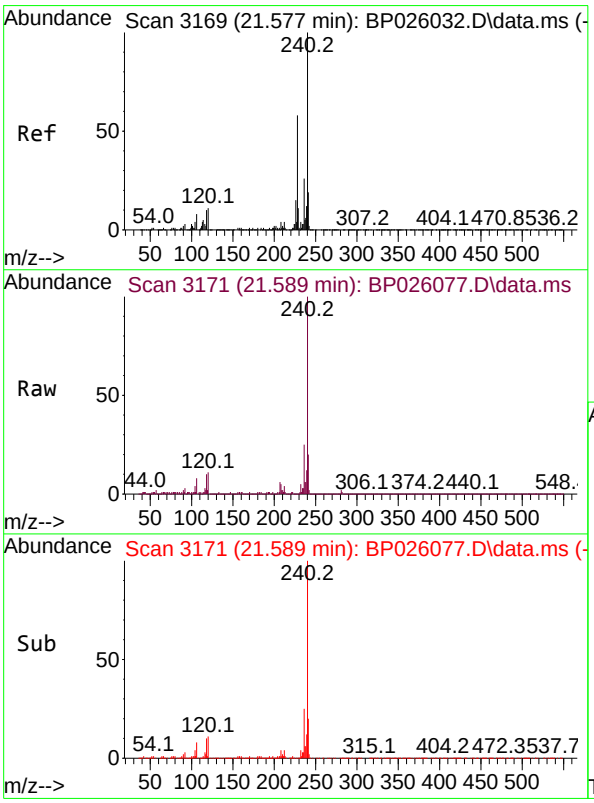
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

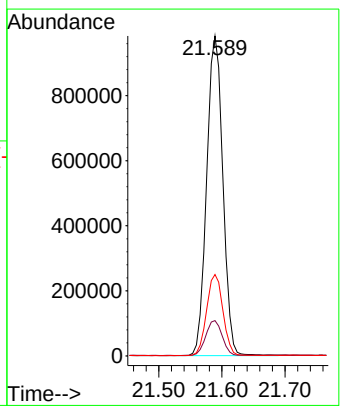


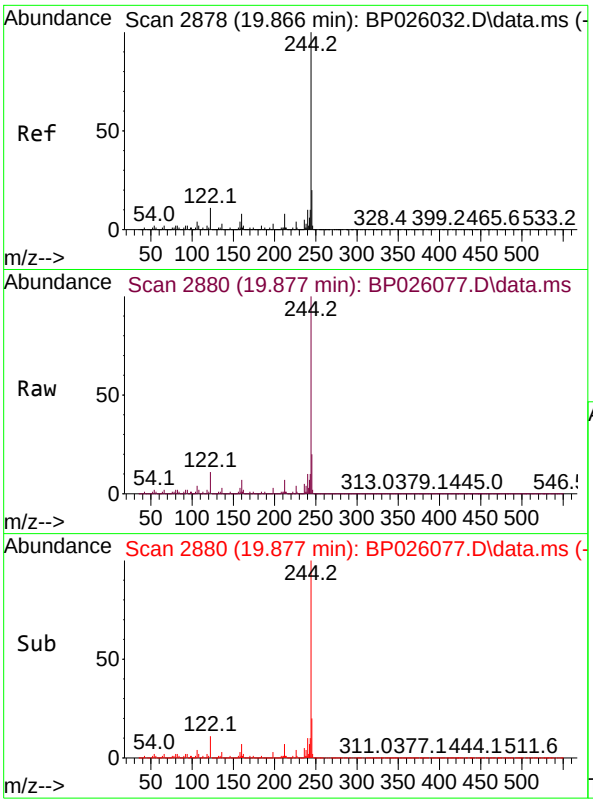


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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



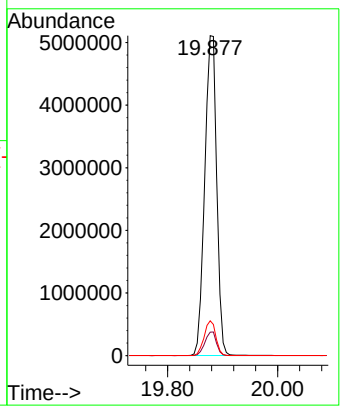


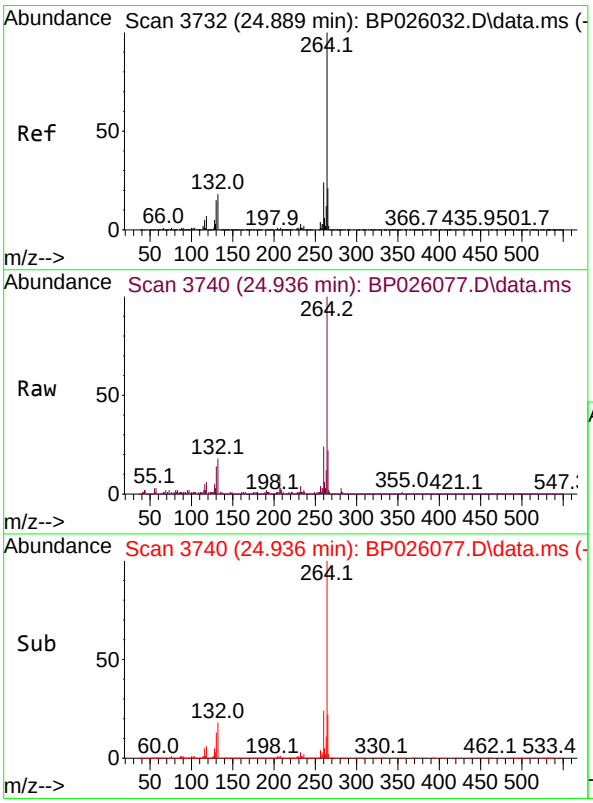
#79
Terphenyl-d14
Concen: 89.529 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

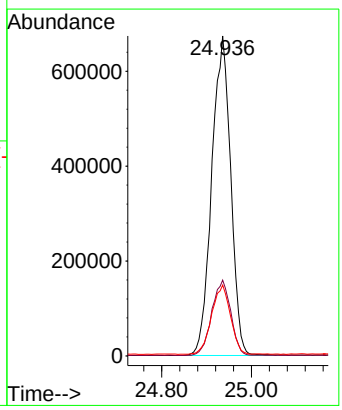




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. 0.053 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

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

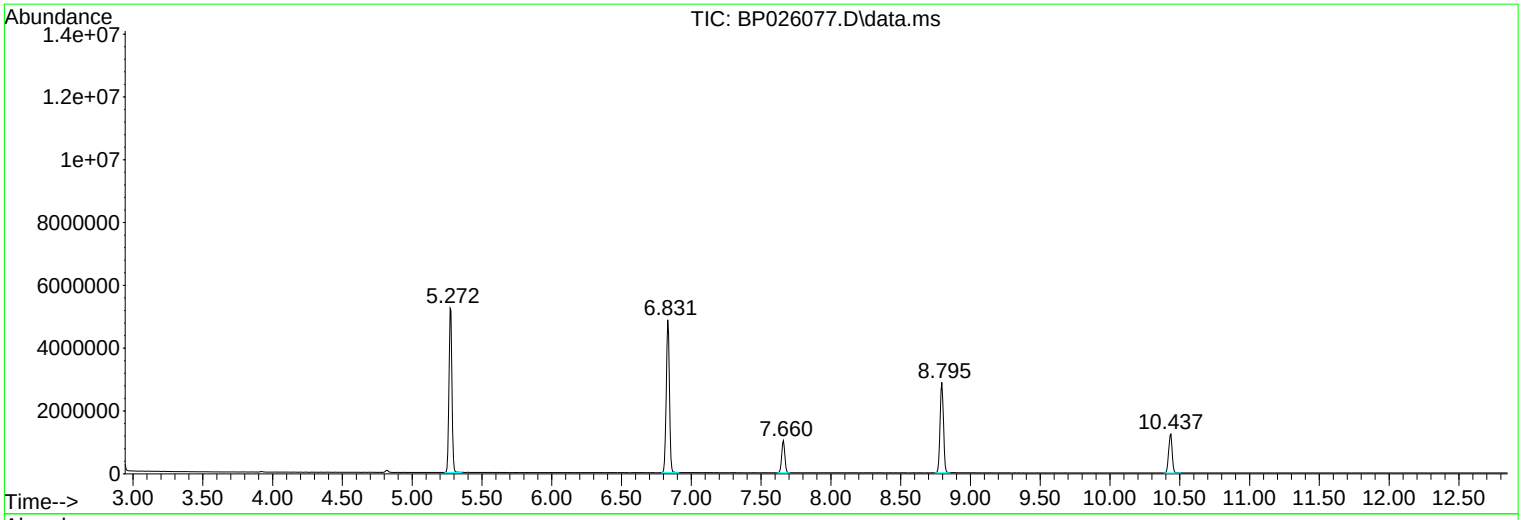
Sample Results: **BP026077.D**

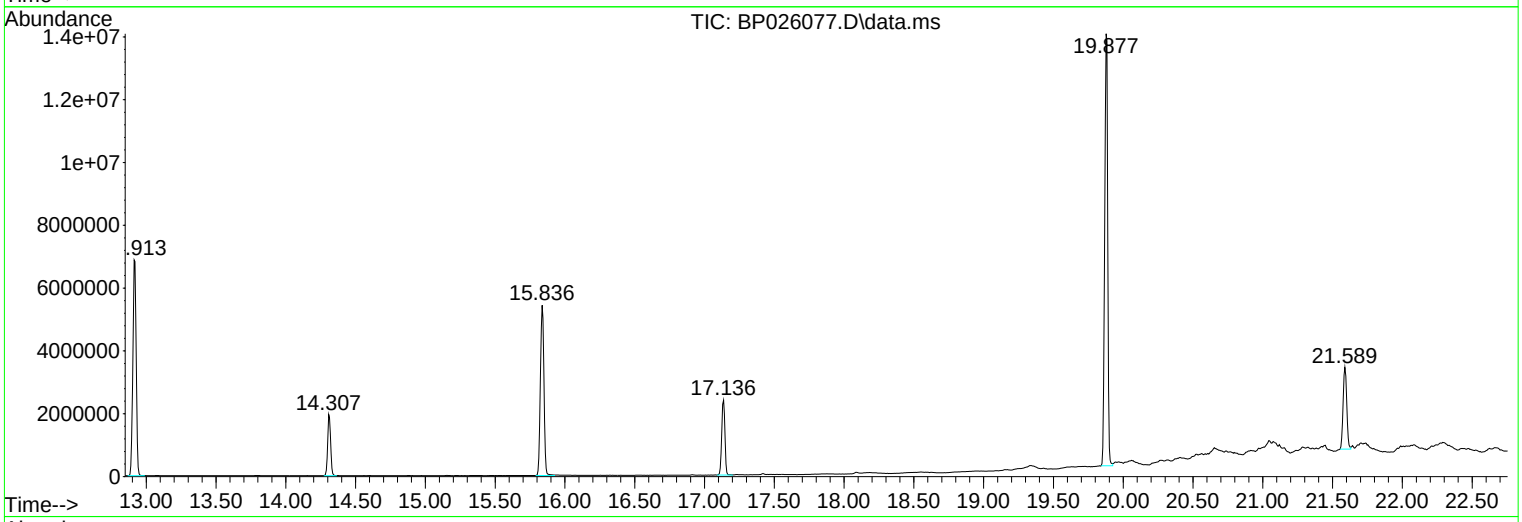
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026077.D
Acq On : 06 Nov 2025 14:13
Operator : RC/JU
Sample : PB170424BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

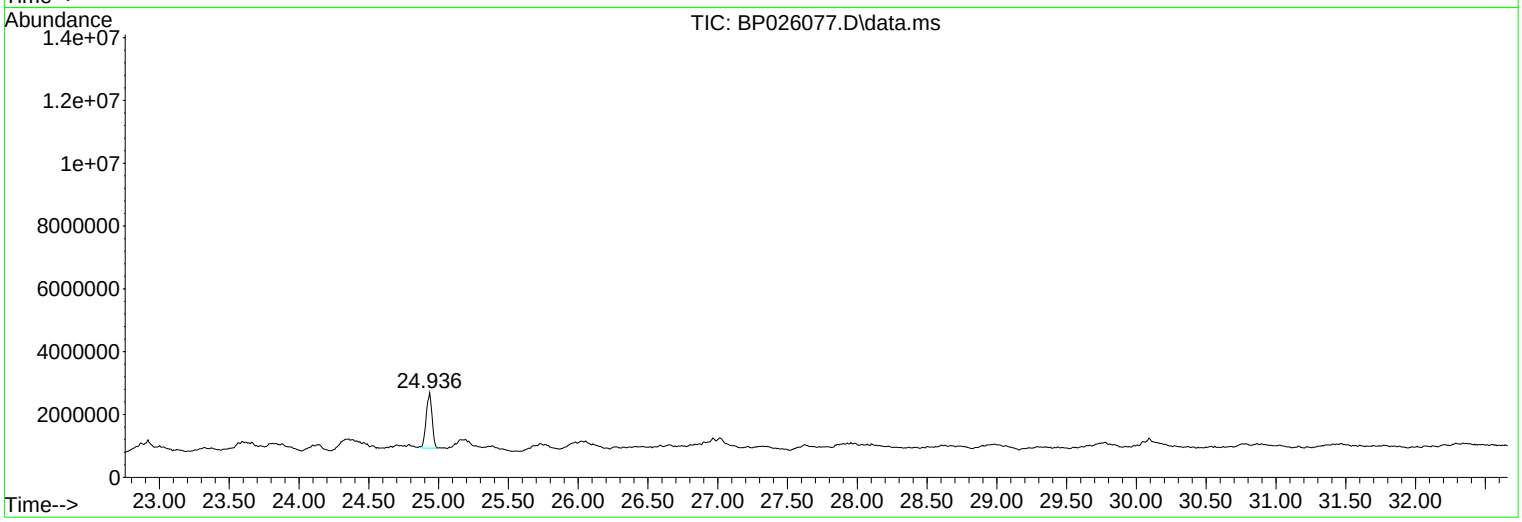
Instrument :
BNA_P
ClientSampleId :
PB170424BL

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

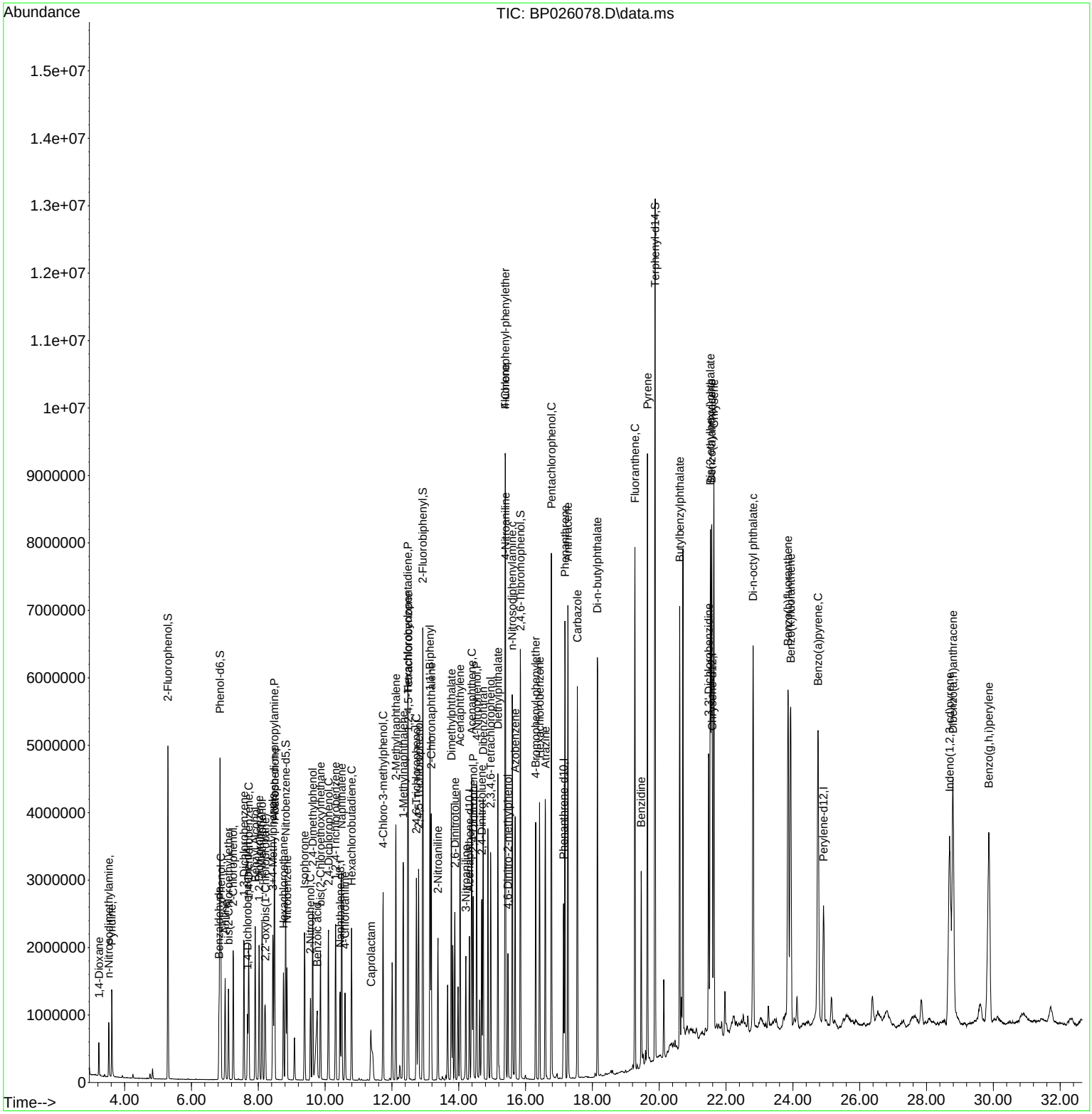
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026078.D
Acq On : 06 Nov 2025 14:54
Operator : RC/JU
Sample : PB170424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

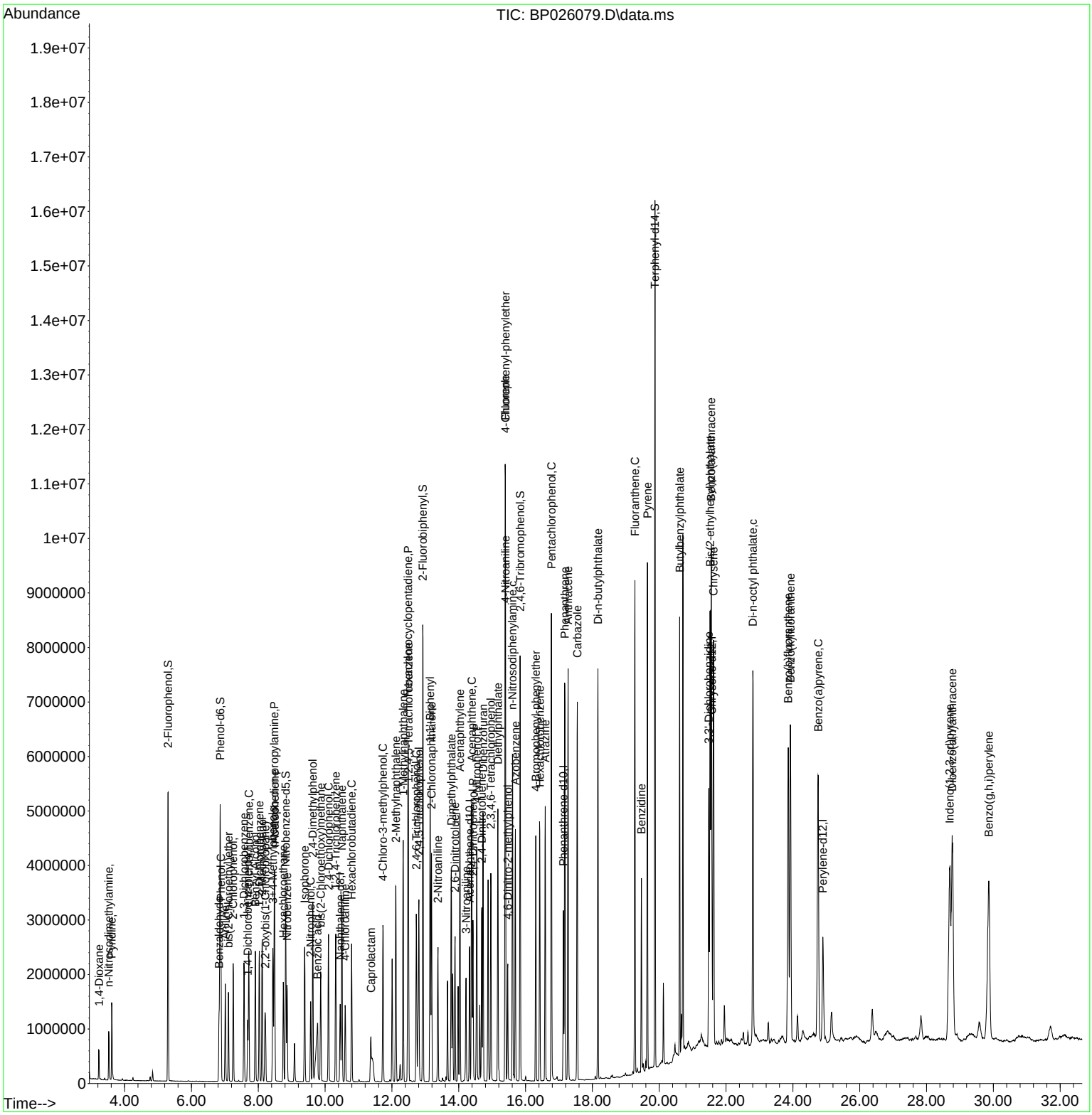
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

Manual Integration Report

Sequence:	BF110625	Instrument	BNA_f

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

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

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

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

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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	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

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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	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_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

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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	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_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)

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

LAB CHRONICLE

OrderID:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**Water**			**11/04/25**			**11/05/25**
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-02	**MW-8**	**Water**			**11/04/25**			**11/05/25**
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-03	**MW-9**	**Water**			**11/04/25**			**11/05/25**
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-04	**MW-10**	**Water**			**11/05/25**			**11/05/25**
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	
Q3552-05	**MW-3**	**Water**			**11/04/25**			**11/05/25**
			SVOC-TCL BNA -20	8270E		11/06/25	11/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3552 **Order ID:** Q3552

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	WATER	beta-BHC	0.28	P	0.0049	0.050	ug/L
Q3552-01	MW-4	WATER	Heptachlor	0.030	JP	0.0027	0.050	ug/L
Q3552-01	MW-4	WATER	Methoxychlor	0.076	P	0.011	0.050	ug/L
			Total Concentration:	**0.386**				
Client ID : MW-3								
Q3552-05	MW-3	WATER	beta-BHC	0.092	P	0.0051	0.052	ug/L
			Total Concentration:	**0.092**				

SAMPLE DATA

Raw Data: **PD091007.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:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	500 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	0.050	ug/L	11/06/25 17:48	PB170426
319-85-7	beta-BHC	0.28	P	1	0.0049	0.050	ug/L	11/06/25 17:48	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25 17:48	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 17:48	PB170426
76-44-8	Heptachlor	0.030	JP	1	0.0027	0.050	ug/L	11/06/25 17:48	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 17:48	PB170426
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25 17:48	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25 17:48	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 17:48	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 17:48	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25 17:48	PB170426
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25 17:48	PB170426
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25 17:48	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 17:48	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 17:48	PB170426
72-43-5	Methoxychlor	0.076	P	1	0.011	0.050	ug/L	11/06/25 17:48	PB170426
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25 17:48	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25 17:48	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 17:48	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 17:48	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:48	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	30.3	*		30 (31) - 150 (149)	151%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	26.4			30 (41) - 150 (134)	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: **PD091008.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	500 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	0.050	ug/L	11/06/25 18:02	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25 18:02	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:02	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:02	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25 18:02	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:02	PB170426
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25 18:02	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25 18:02	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:02	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:02	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25 18:02	PB170426
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25 18:02	PB170426
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25 18:02	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:02	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:02	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:02	PB170426
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25 18:02	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:02	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:02	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 18:02	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 18:02	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.4			30 (31) - 150 (149)	107%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			30 (41) - 150 (134)	99%	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: **PD091009.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	500 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	0.050	ug/L	11/06/25 18:16	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25 18:16	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:16	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:16	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25 18:16	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:16	PB170426
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25 18:16	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25 18:16	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:16	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:16	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25 18:16	PB170426
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25 18:16	PB170426
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25 18:16	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:16	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:16	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:16	PB170426
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25 18:16	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:16	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:16	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 18:16	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 18:16	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.6			30 (31) - 150 (149)	63%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.7			30 (41) - 150 (134)	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: **PD091010.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	500 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	0.050	ug/L	11/06/25 18:29	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25 18:29	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:29	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:29	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25 18:29	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:29	PB170426
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25 18:29	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25 18:29	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25 18:29	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:29	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25 18:29	PB170426
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25 18:29	PB170426
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25 18:29	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25 18:29	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:29	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:29	PB170426
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25 18:29	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25 18:29	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25 18:29	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25 18:29	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 18:29	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.8			30 (31) - 150 (149)	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.5			30 (41) - 150 (134)	97%	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: **PD091011.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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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 18:43	PB170426
319-85-7	beta-BHC	0.092	P	1	0.0051	0.052	ug/L	11/06/25 18:43	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.052	ug/L	11/06/25 18:43	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 18:43	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/06/25 18:43	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 18:43	PB170426
1024-57-3	Heptachlor epoxide	0.0099	U	1	0.0099	0.052	ug/L	11/06/25 18:43	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/06/25 18:43	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 18:43	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 18:43	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/06/25 18:43	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.052	ug/L	11/06/25 18:43	PB170426
72-54-8	4,4-DDD	0.0073	U	1	0.0073	0.052	ug/L	11/06/25 18:43	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 18:43	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 18:43	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.052	ug/L	11/06/25 18:43	PB170426
53494-70-5	Endrin ketone	0.0096	U	1	0.0096	0.052	ug/L	11/06/25 18:43	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.052	ug/L	11/06/25 18:43	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 18:43	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.052	ug/L	11/06/25 18:43	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/06/25 18:43	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.4			30 (31) - 150 (149)	102%	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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3552

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)
Q3552-01	MW-4	Decachlorobiphen	1	20	11.5	58		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	26.4	132		30 (41)	150 (134)
		Decachlorobiphen	2	20	30.3	151	*	30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	12.1	61		30 (41)	150 (134)
Q3552-02	MW-8	Decachlorobiphen	1	20	19.8	99		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.7	99		30 (41)	150 (134)
		Decachlorobiphen	2	20	21.4	107		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	19.5	98		30 (41)	150 (134)
Q3552-03	MW-9	Decachlorobiphen	1	20	12.6	63		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	18.7	94		30 (41)	150 (134)
		Decachlorobiphen	2	20	10.3	51		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	15.4	77		30 (41)	150 (134)
Q3552-04	MW-10	Decachlorobiphen	1	20	18.6	93		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	17.8	89		30 (41)	150 (134)
		Decachlorobiphen	2	20	18.8	94		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	19.5	97		30 (41)	150 (134)
Q3552-05	MW-3	Decachlorobiphen	1	20	14.4	72		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	16.9	85		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.4	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	15.2	76		30 (41)	150 (134)
I.BLK-PD091012.D	PIBLK-PD091012.D	Decachlorobiphen	1	20	20.9	104		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.: Q3552

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD091012.D	PIBLK-PD091012.D	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)

( ) = 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.: Q3552 **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	Limits 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.: Q3552 **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.: Q3552

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-4	Q3552-01	PD091007.D	11/06/2025	11/06/2025
MW-8	Q3552-02	PD091008.D	11/06/2025	11/06/2025
MW-9	Q3552-03	PD091009.D	11/06/2025	11/06/2025
MW-10	Q3552-04	PD091010.D	11/06/2025	11/06/2025
MW-3	Q3552-05	PD091011.D	11/06/2025	11/06/2025

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.:	Q3552
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.:	Q3552
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.:	Q3552
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
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-PD091012.D	SDG No.:	Q3552
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
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.:	Q3552
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,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170426BSD	SDG No.:	Q3552
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.: Q3552
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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3552
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.: Q3552
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.: Q3552
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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

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.:** Q3552

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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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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-4	Q3552-01	11/06/2025	17:48	PD091007.D	9.06	3.54
MW-8	Q3552-02	11/06/2025	18:02	PD091008.D	9.06	3.54
MW-9	Q3552-03	11/06/2025	18:16	PD091009.D	9.06	3.54
MW-10	Q3552-04	11/06/2025	18:29	PD091010.D	9.06	3.54
MW-3	Q3552-05	11/06/2025	18:43	PD091011.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

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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-4	Q3552-01	11/06/2025	17:48	PD091007.D	8.06	2.87
MW-8	Q3552-02	11/06/2025	18:02	PD091008.D	8.06	2.87
MW-9	Q3552-03	11/06/2025	18:16	PD091009.D	8.06	2.87
MW-10	Q3552-04	11/06/2025	18:29	PD091010.D	8.06	2.87
MW-3	Q3552-05	11/06/2025	18:43	PD091011.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

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-3

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

Lab Sample ID: Q3552-05 **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	4.51	4.46	4.56	0.092	153.6
	2	4.02	3.97	4.07	0.012	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-4

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

Lab Sample ID: Q3552-01 **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
Methoxychlor	1	7.48	7.43	7.53	0.023	106.8
	2	6.74	6.69	6.79	0.076	
Heptachlor	1	4.92	4.87	4.97	0.030	119.8
	2	4.08	4.03	4.13	0.0074	
beta-BHC	1	4.51	4.46	4.56	0.28	161.2
	2	4.01	3.96	4.06	0.030	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

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	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

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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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

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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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:48
Operator : AR\AJ
Sample : Q3552-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-4

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 00:29:33 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...	3.541	2.873	82135572	361.6E6	26.375	12.142m#
28)	SA Decachlor...	9.061	8.064	54002729	917.0E6	11.544m	30.272m#
	Target Compounds						
4)	MA Heptachlor	4.921	4.080	16474718	32961913	2.947	0.739m#
6)	B beta-BHC	4.506	4.009	74163955	60252049	28.311	3.038 #
20)	A Methoxychlor	7.484	6.741	4887698	131.9E6	2.299m	7.571m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

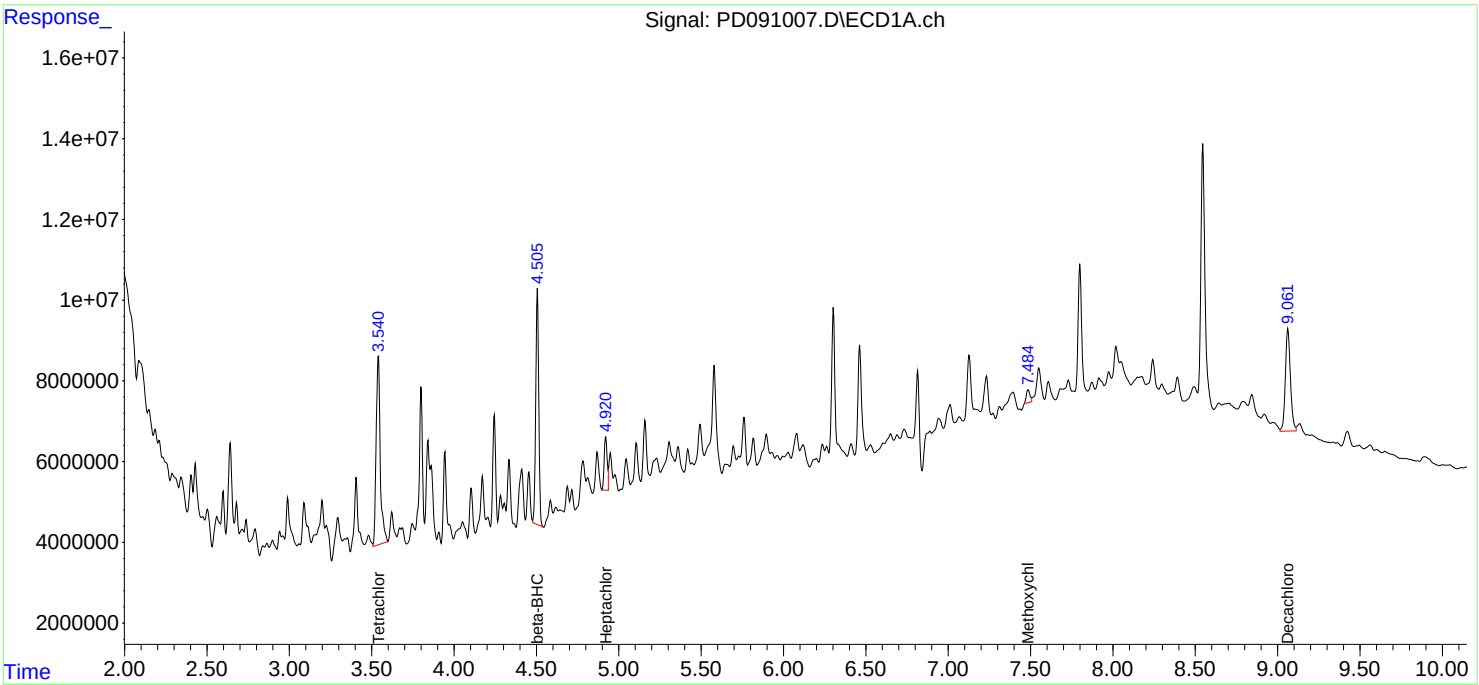
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:48
Operator : AR\AJ
Sample : Q3552-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

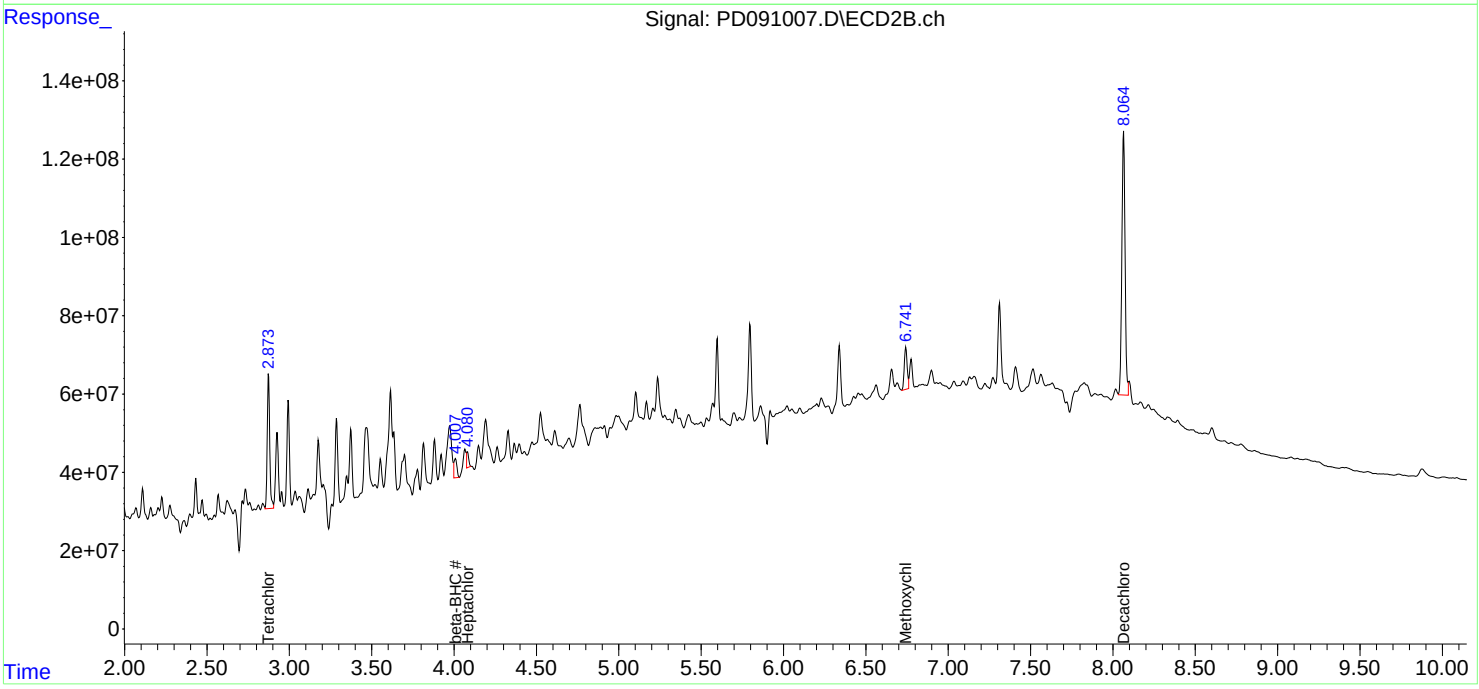
Instrument :
ECD_D
ClientSampleId :
MW-4

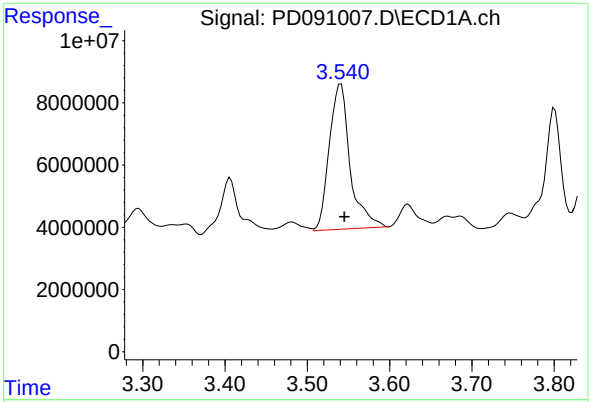
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:33 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







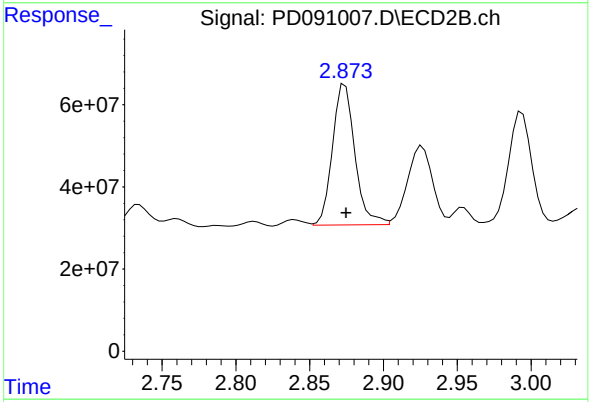
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.004 min
Response: 82135572
Conc: 26.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-4

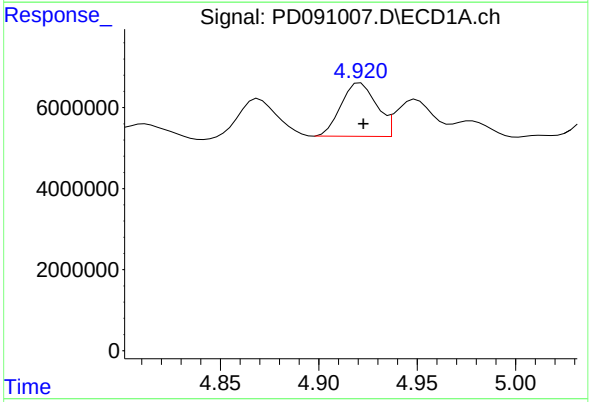
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



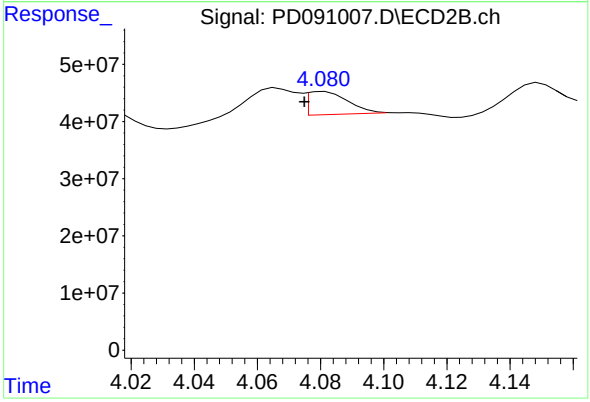
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 361557316
Conc: 12.14 ng/ml m



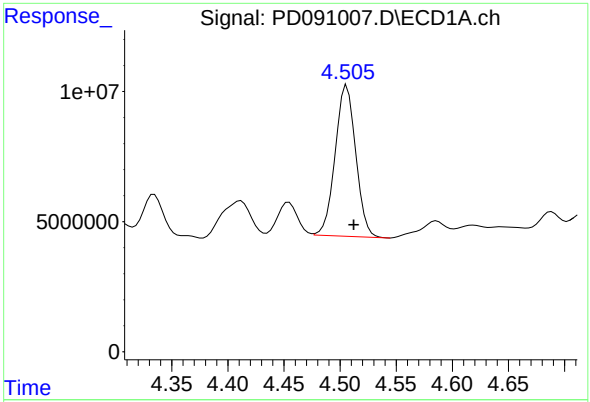
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 16474718
Conc: 2.95 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.005 min
Response: 32961913
Conc: 0.74 ng/ml m



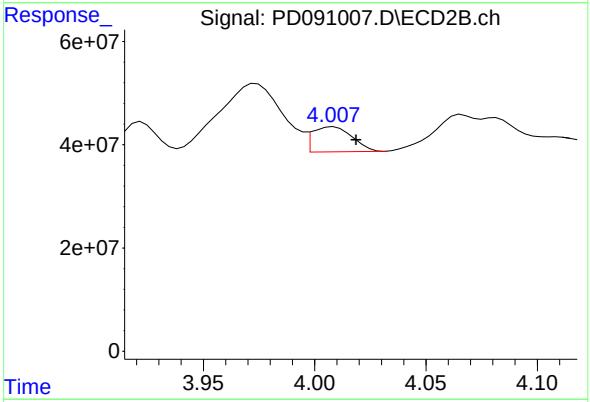
#6 beta-BHC

R.T.: 4.506 min
Delta R.T.: -0.006 min
Response: 74163955
Conc: 28.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-4

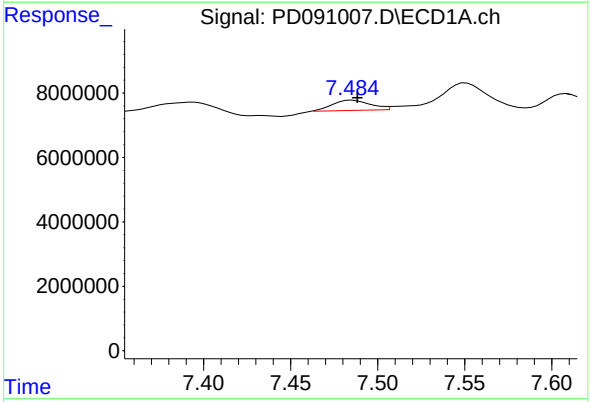
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



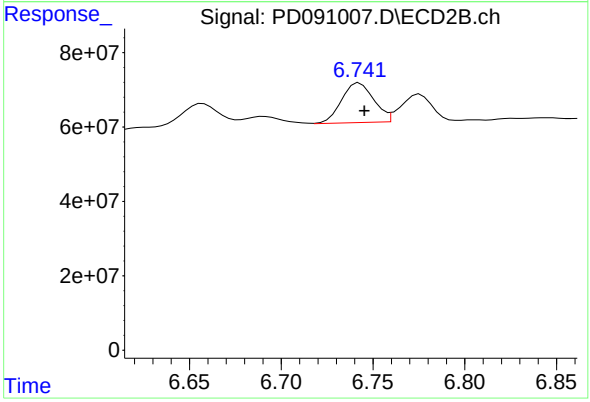
#6 beta-BHC

R.T.: 4.009 min
Delta R.T.: -0.010 min
Response: 60252049
Conc: 3.04 ng/ml



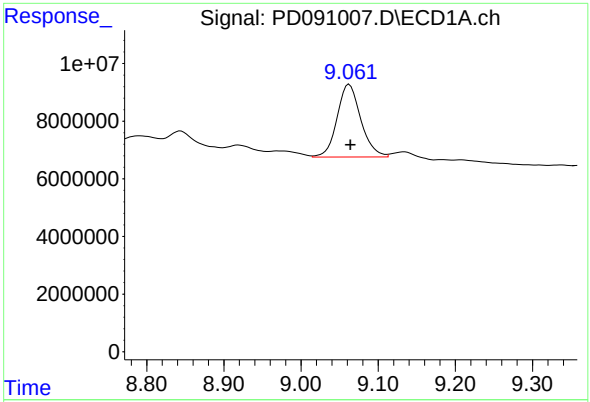
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 4887698
Conc: 2.30 ng/ml m



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 131939368
Conc: 7.57 ng/ml m



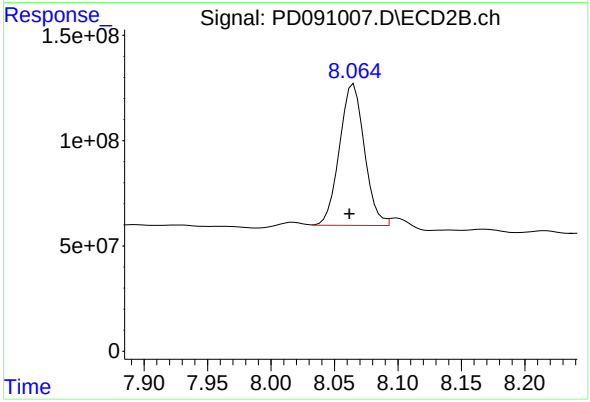
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 54002729
Conc: 11.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 916983906
Conc: 30.27 ng/ml m

Sample Results: **PD091008.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:02
Operator : AR\AJ
Sample : Q3552-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-8

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 00:29:43 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...	3.542	2.872	61358192	580.7E6	19.703m	19.501m
28)	SA Decachlor...	9.063	8.058	92646633	647.3E6	19.805	21.368
	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 : PD091008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:02
Operator : AR\AJ
Sample : Q3552-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

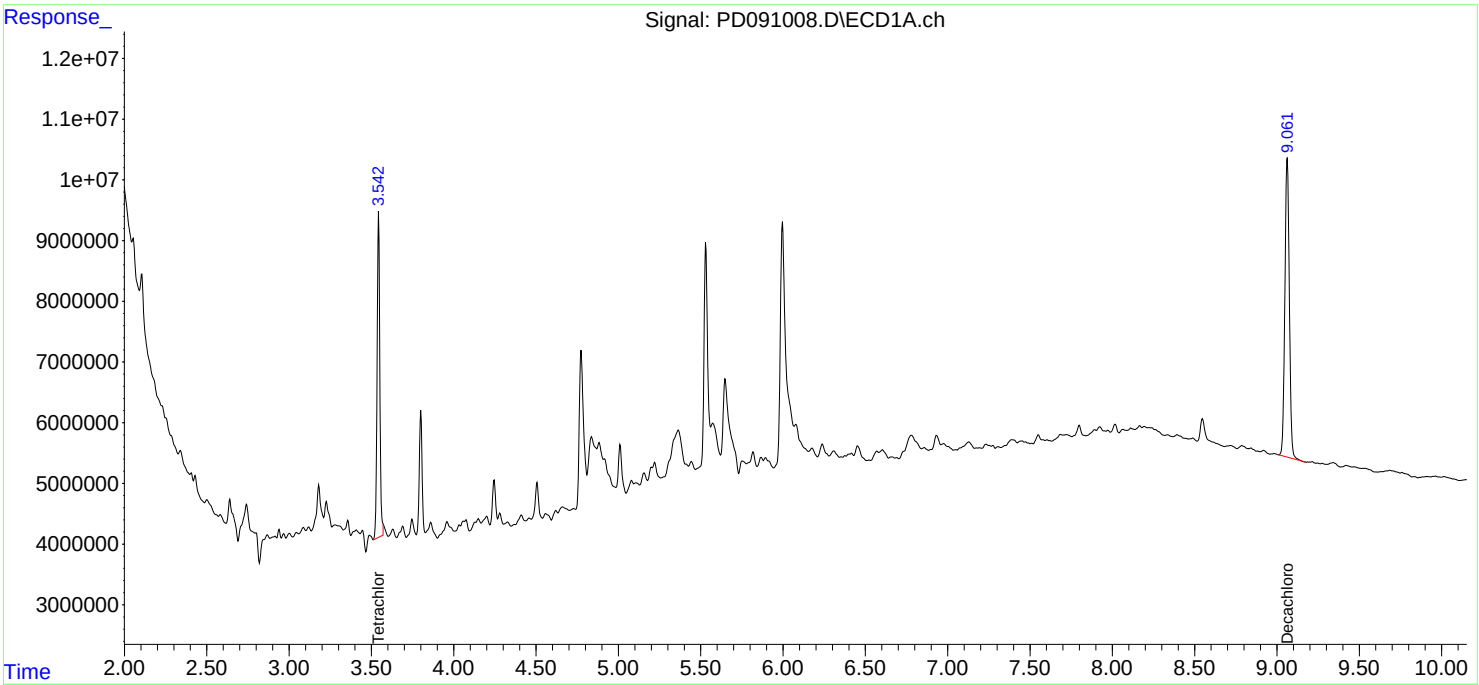
Instrument :
ECD_D
ClientSampleId :
MW-8

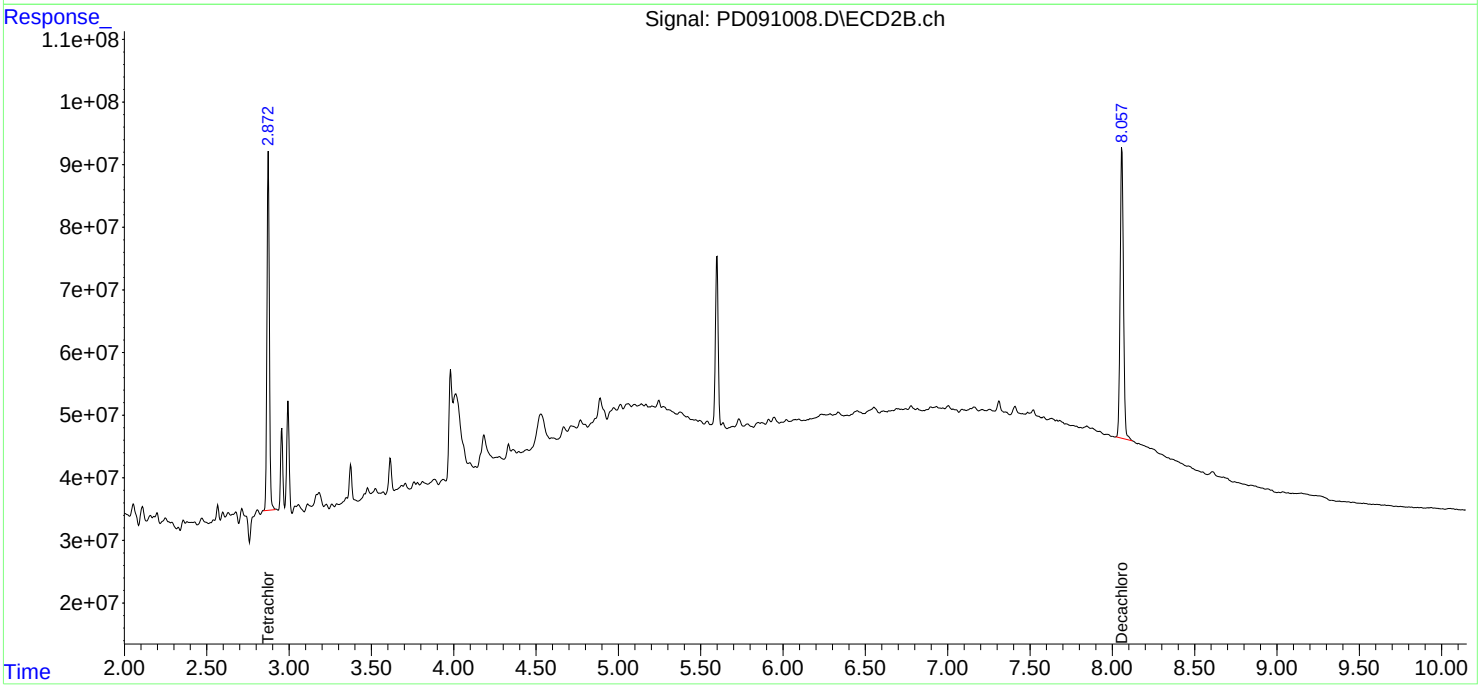
Manual Integrations APPROVED

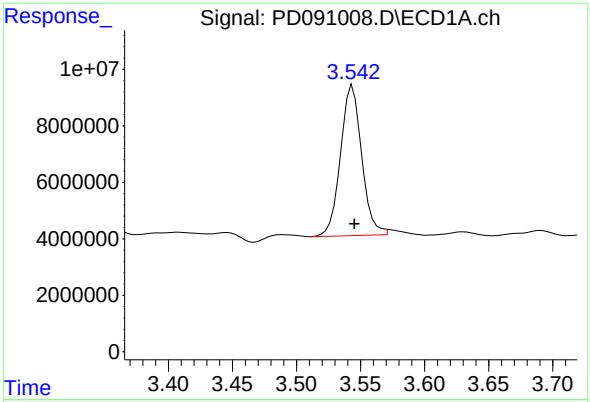
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:43 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







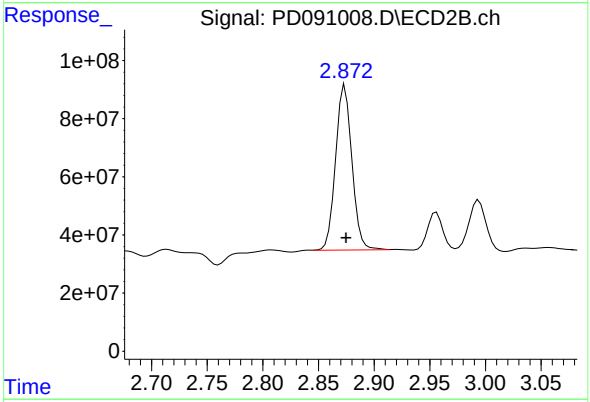
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 61358192
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-8

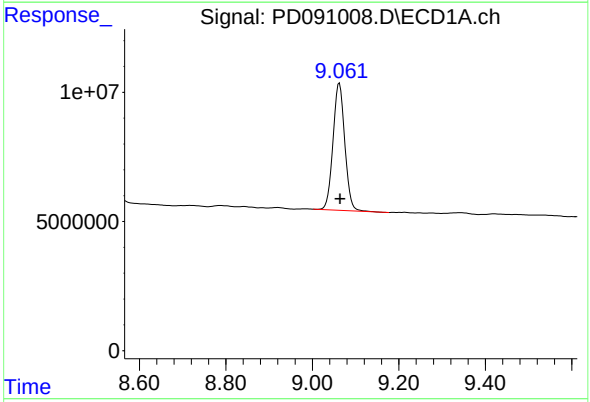
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



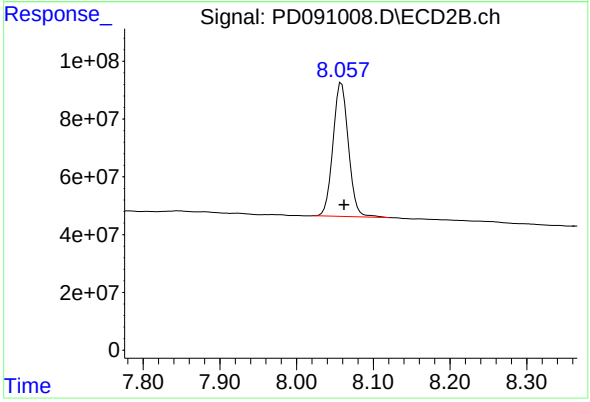
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 580673041
Conc: 19.50 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.002 min
Response: 92646633
Conc: 19.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 647253641
Conc: 21.37 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:16
Operator : AR\AJ
Sample : Q3552-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-9

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 00:29:53 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...	3.543	2.873	58356019	457.9E6	18.739m	15.376m
28)	SA Decachlor...	9.062	8.057	59012718	310.9E6	12.615	10.264m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

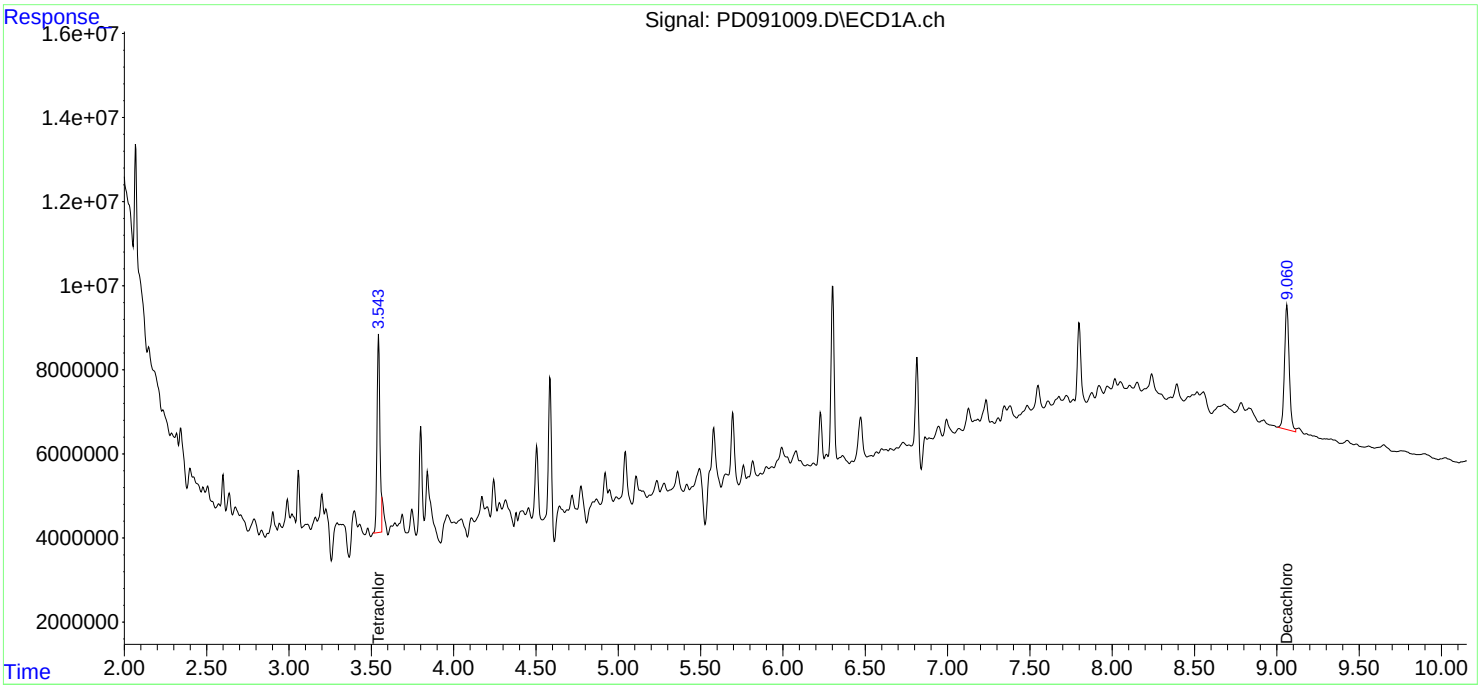
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:16
Operator : AR\AJ
Sample : Q3552-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

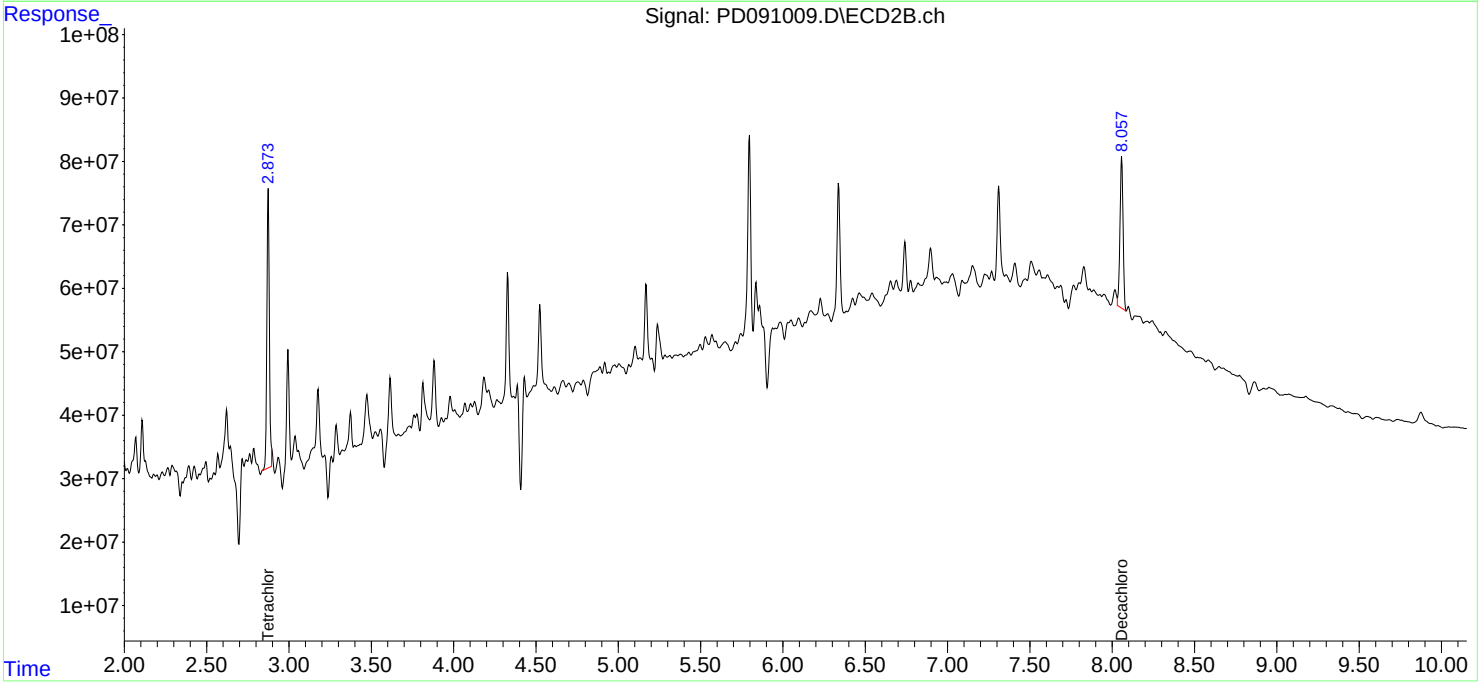
Instrument :
ECD_D
ClientSampleId :
MW-9

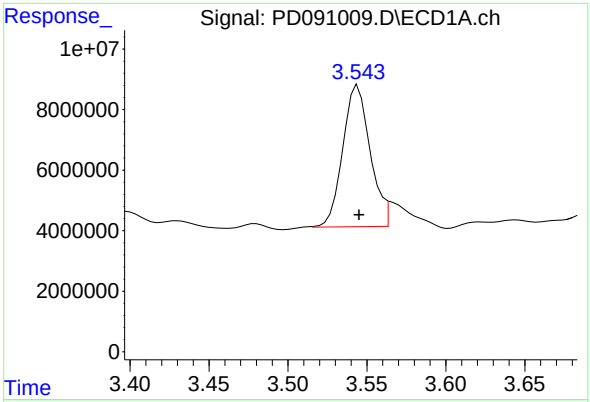
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:53 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







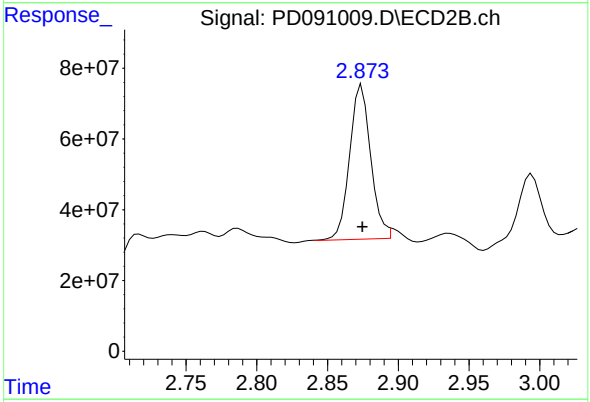
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 58356019
Conc: 18.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-9

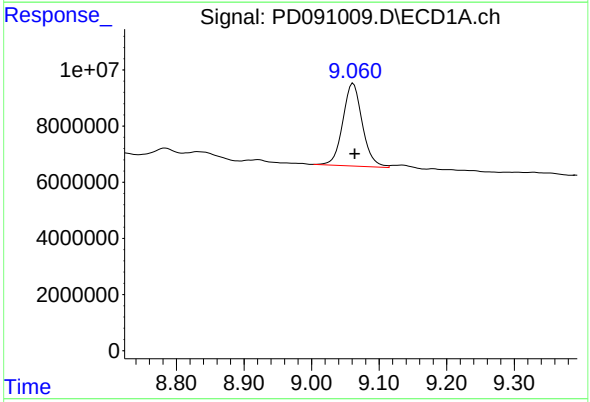
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



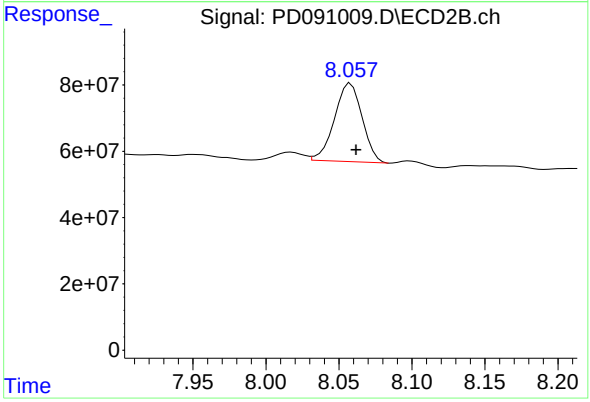
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 457853015
Conc: 15.38 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.003 min
Response: 59012718
Conc: 12.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 310914655
Conc: 10.26 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:29
Operator : AR\AJ
Sample : Q3552-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-10

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 00:30:05 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...	3.542	2.874	55473320	579.4E6	17.813m	19.459
28)	SA Decachlor...	9.061	8.058	86777870	569.7E6	18.550	18.808
	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 : PD091010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:29
Operator : AR\AJ
Sample : Q3552-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

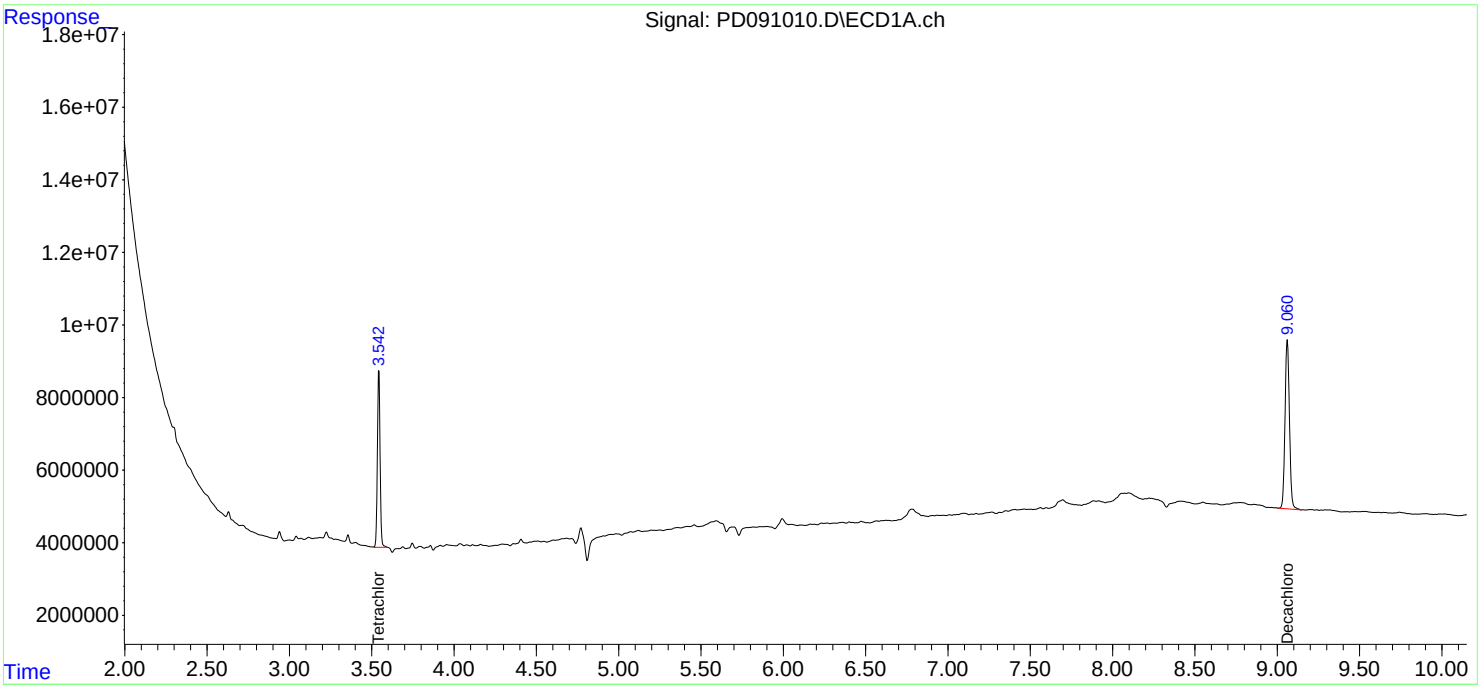
Instrument :
ECD_D
ClientSampleId :
MW-10

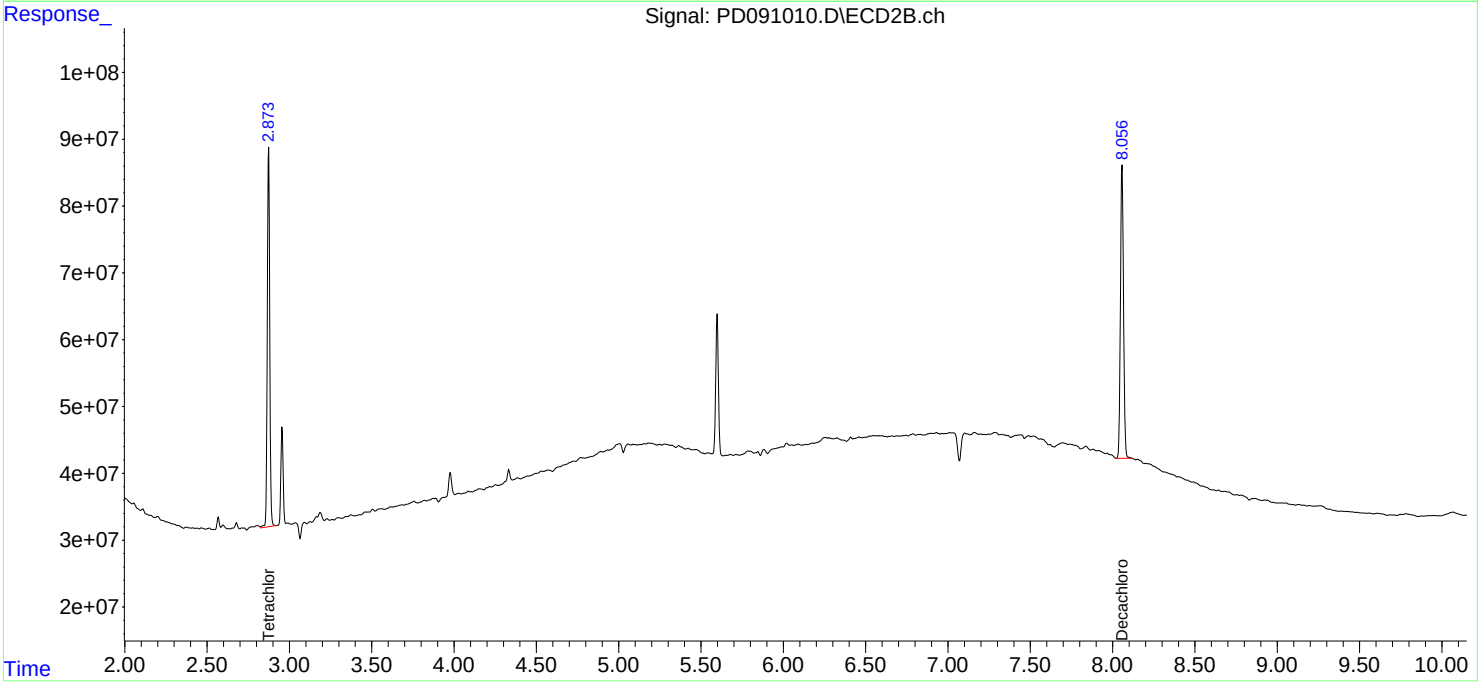
Manual Integrations APPROVED

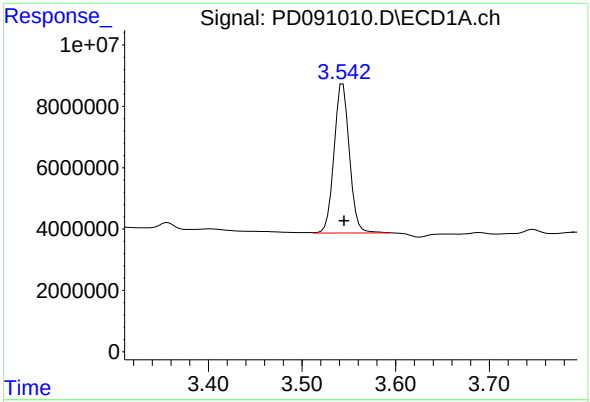
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:30:05 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







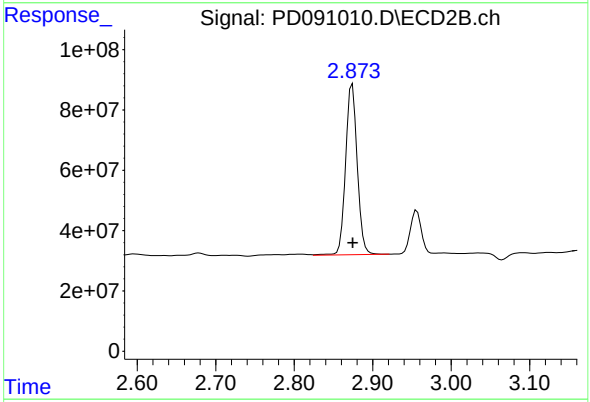
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 55473320
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-10

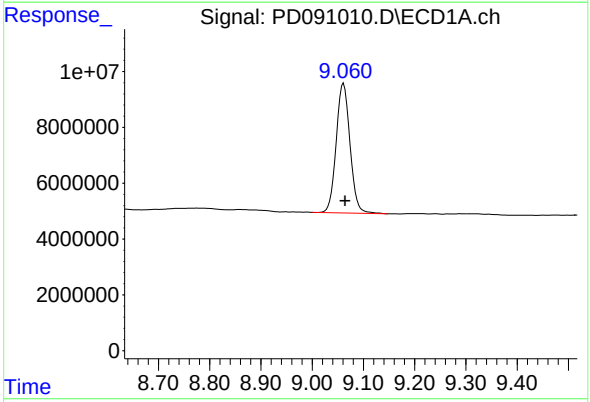
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



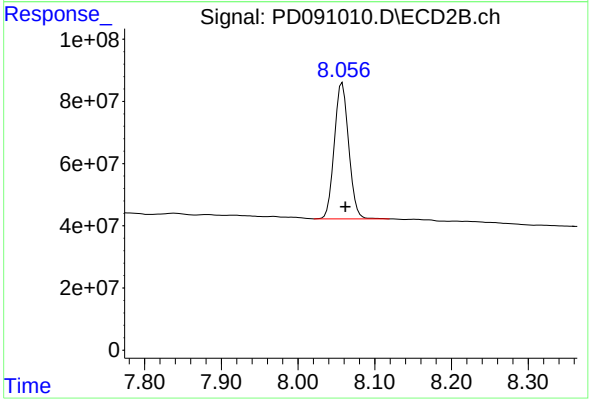
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 579431970
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.003 min
Response: 86777870
Conc: 18.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 569707887
Conc: 18.81 ng/ml

Sample Results: **PD091011.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:43
Operator : AR\AJ
Sample : Q3552-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-3

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 00:30:15 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	52774847	452.8E6	16.947	15.205m
28)	SA Decachlor...	9.062	8.059	67487455	617.3E6	14.427	20.378m#
	Target Compounds						
6)	B beta-BHC	4.506	4.015	23428167	23227800	8.943	1.171m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:43
Operator : AR\AJ
Sample : Q3552-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

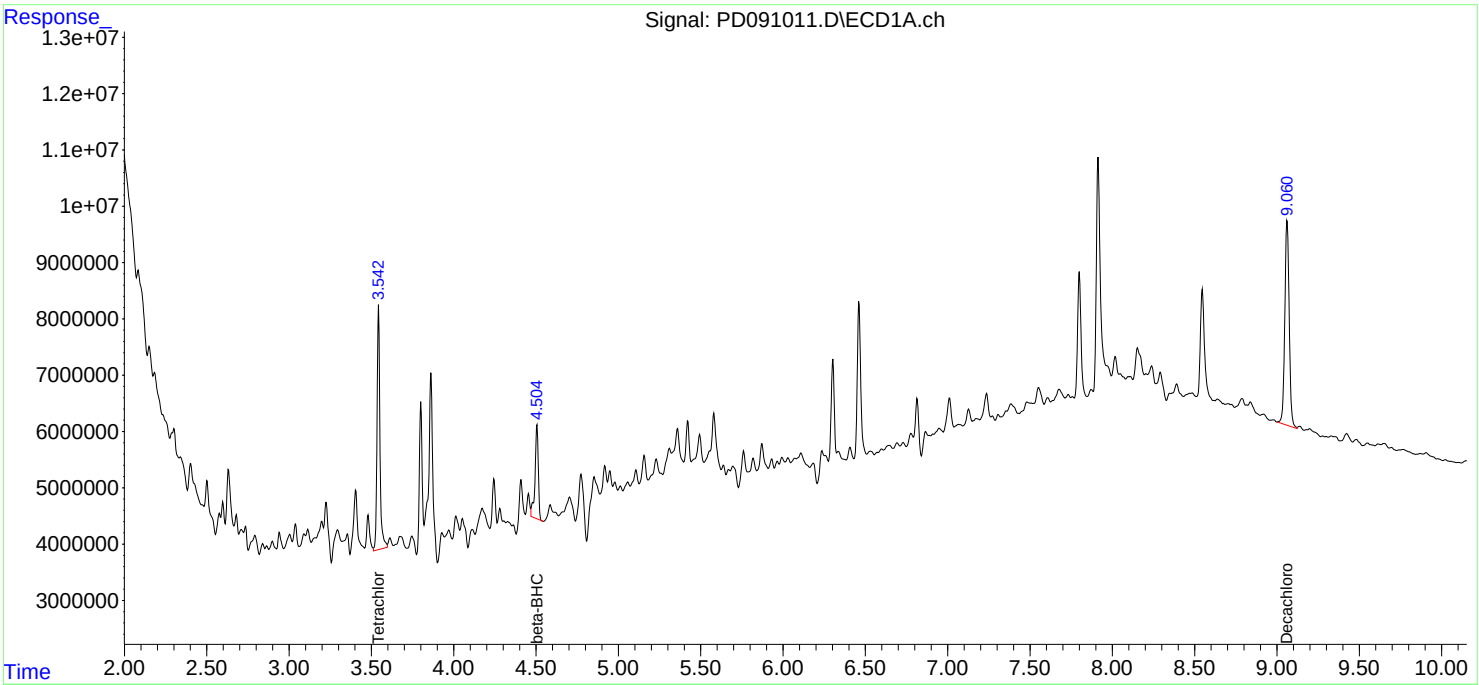
Instrument :
ECD_D
ClientSampleId :
MW-3

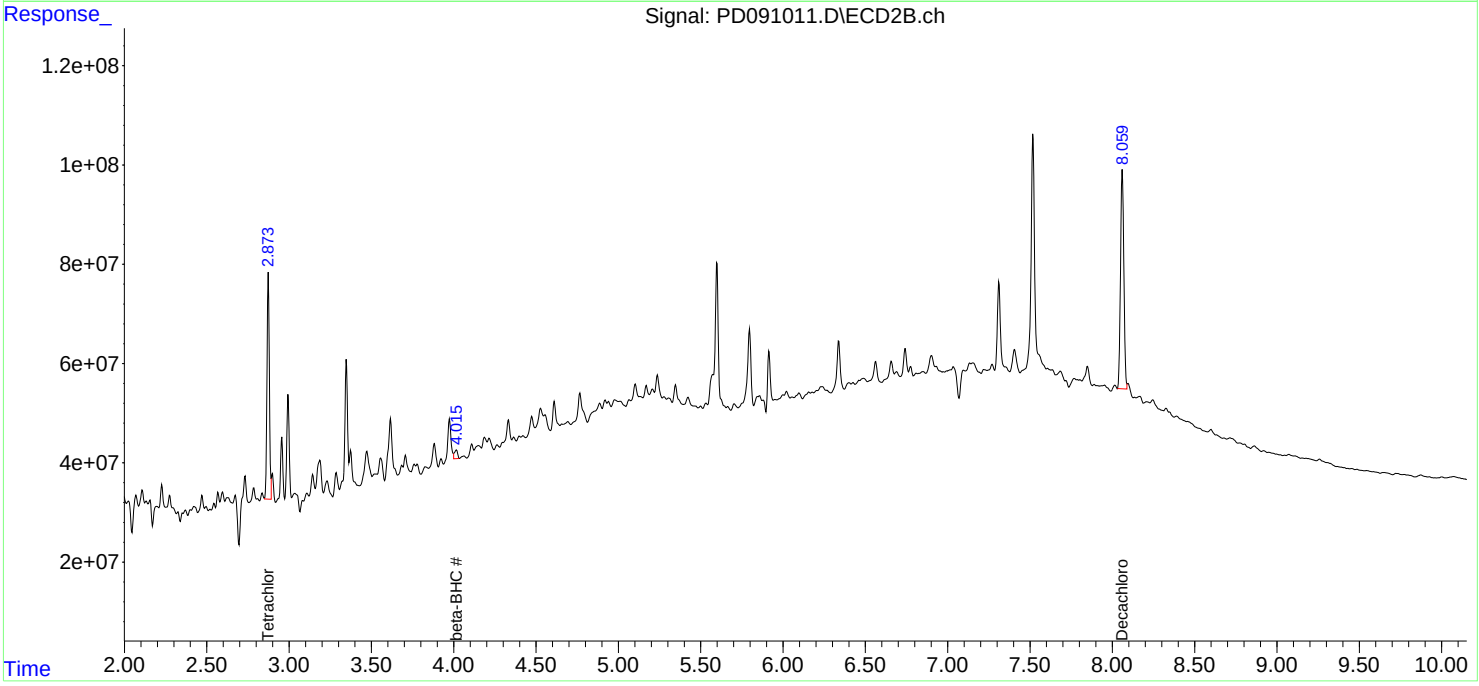
Manual Integrations APPROVED

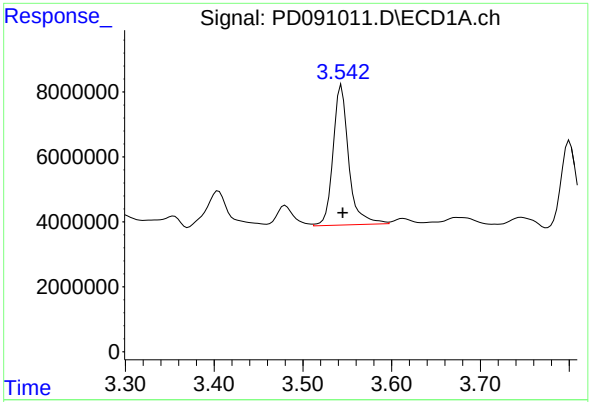
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:30:15 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







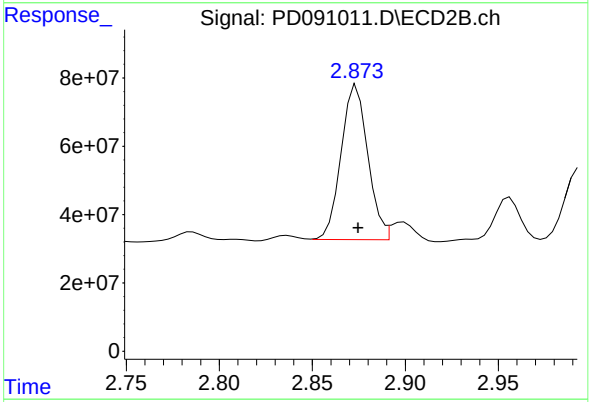
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52774847
Conc: 16.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3

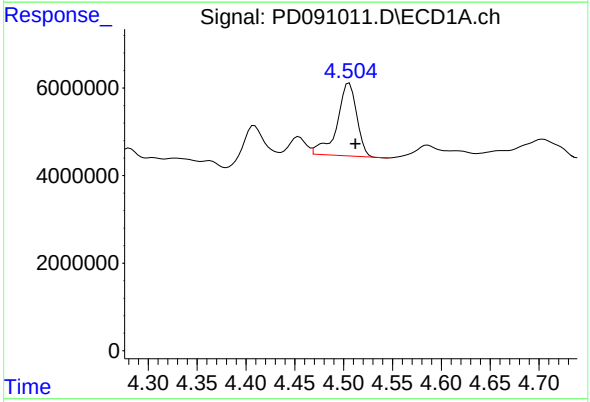
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



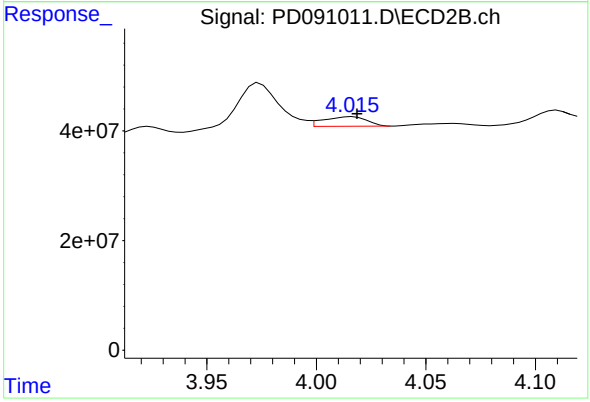
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 452771292
Conc: 15.21 ng/ml m



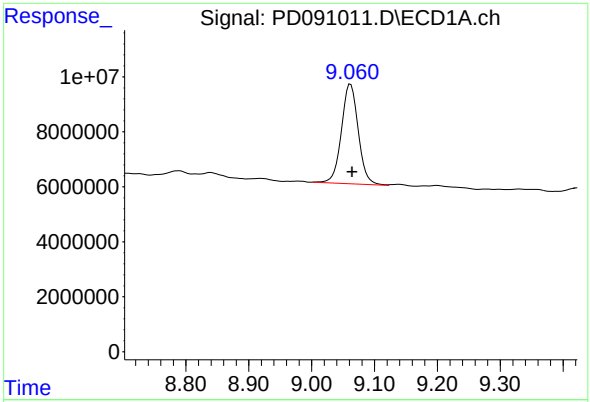
#6 beta-BHC

R.T.: 4.506 min
Delta R.T.: -0.006 min
Response: 23428167
Conc: 8.94 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.003 min
Response: 23227800
Conc: 1.17 ng/ml m



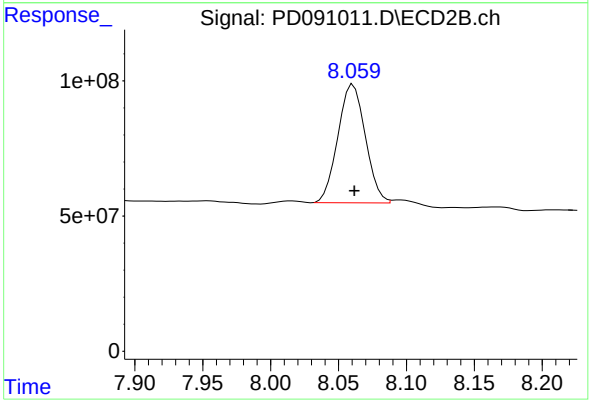
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 67487455
Conc: 14.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 617266338
Conc: 20.38 ng/ml m

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						

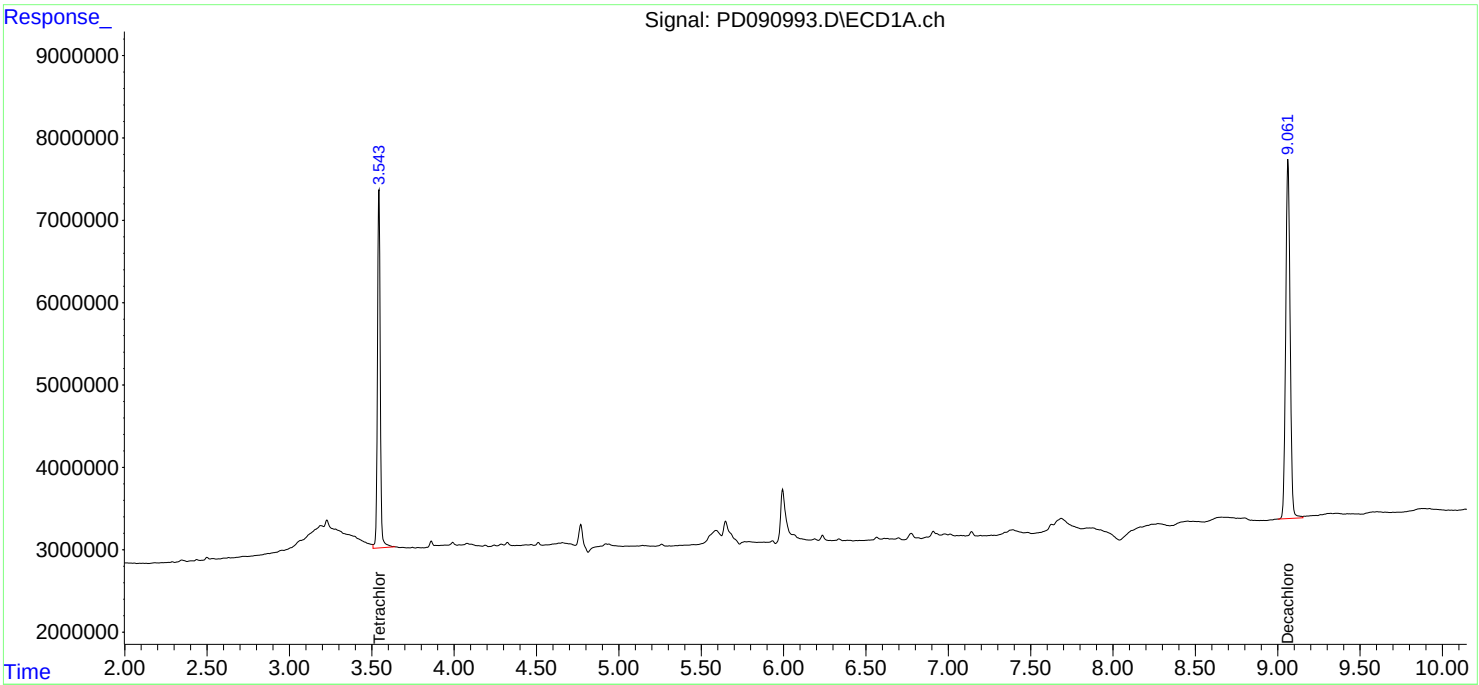
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

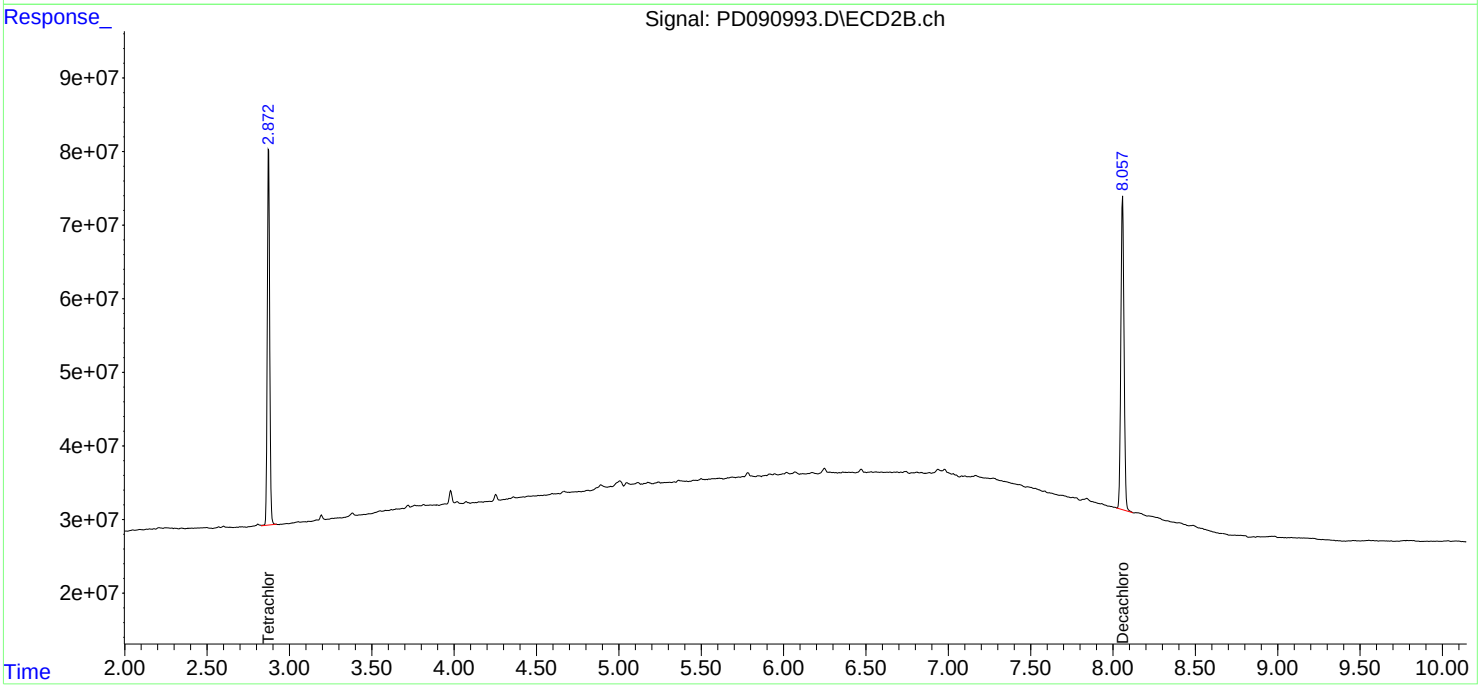
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:19
Operator : AR\AJ
Sample : PB170426BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

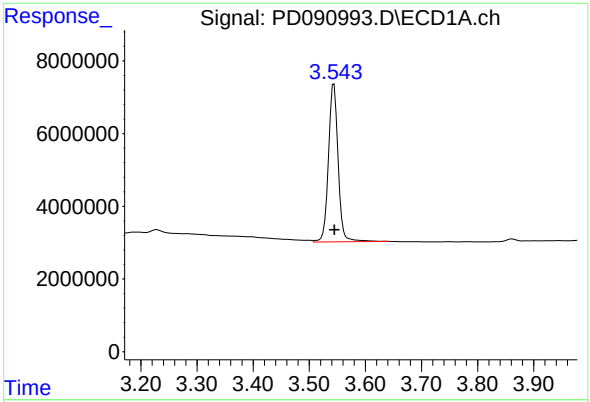
Instrument :
ECD_D
ClientSampleId :
PB170426BL

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



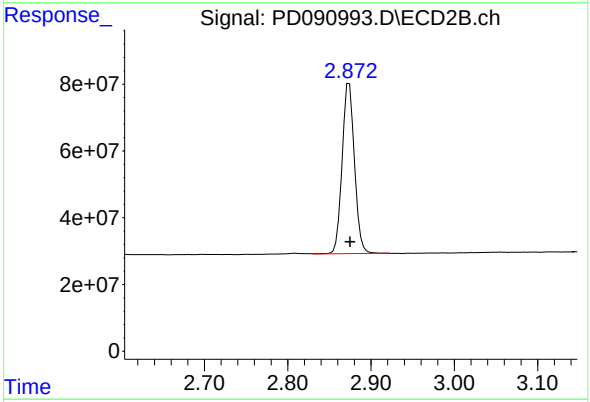




#1 Tetrachloro-m-xylene

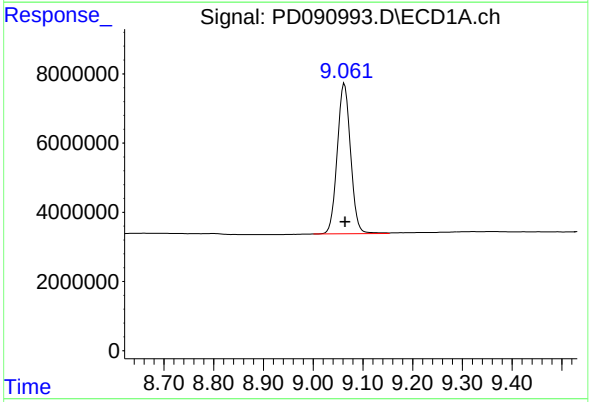
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52328778
Conc: 16.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BL



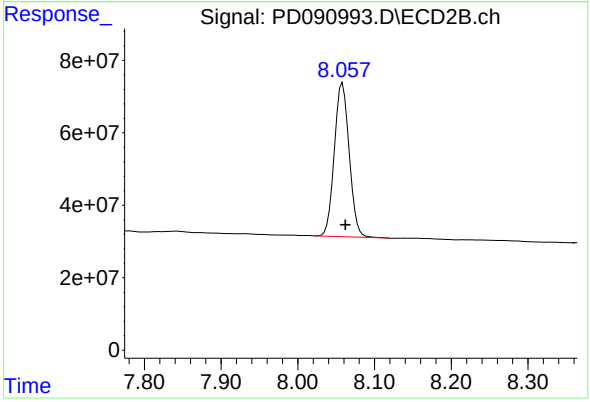
#1 Tetrachloro-m-xylene

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

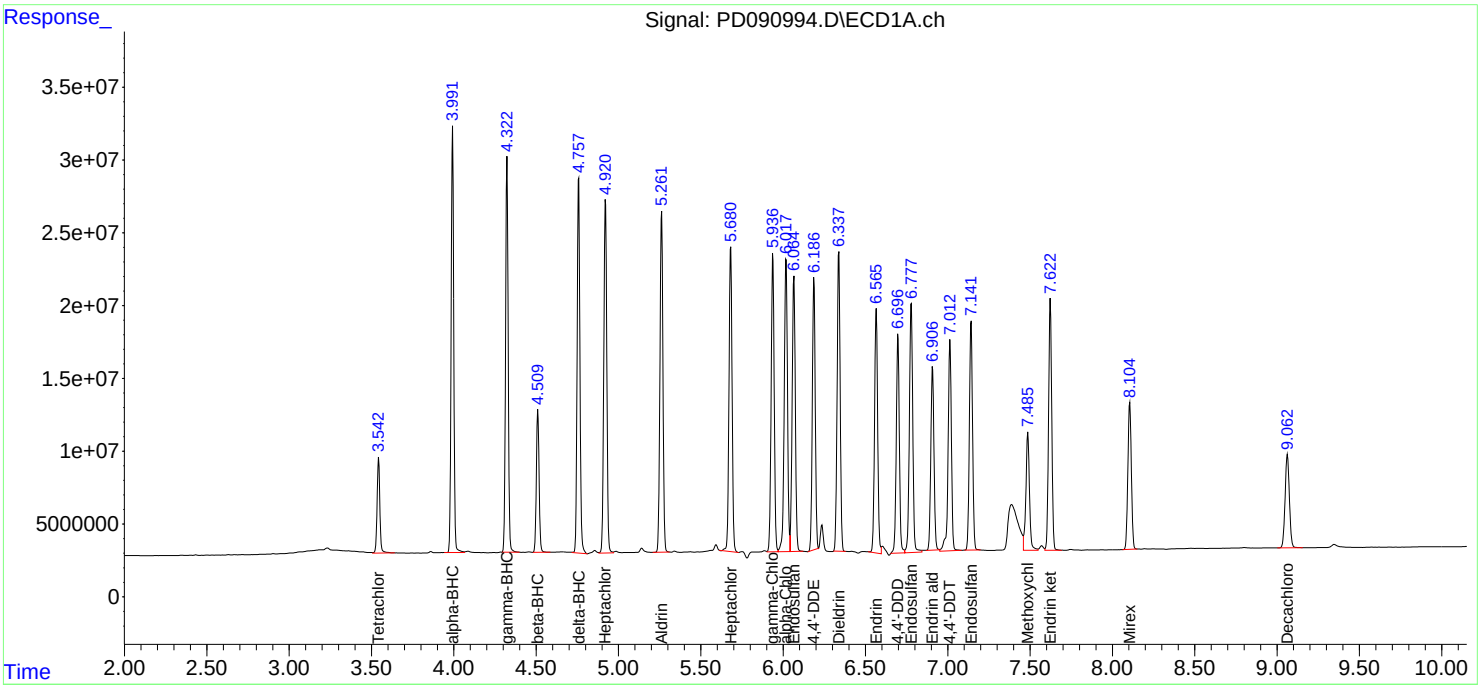
Instrument :
ECD_D
ClientSampleId :
PB170426BS

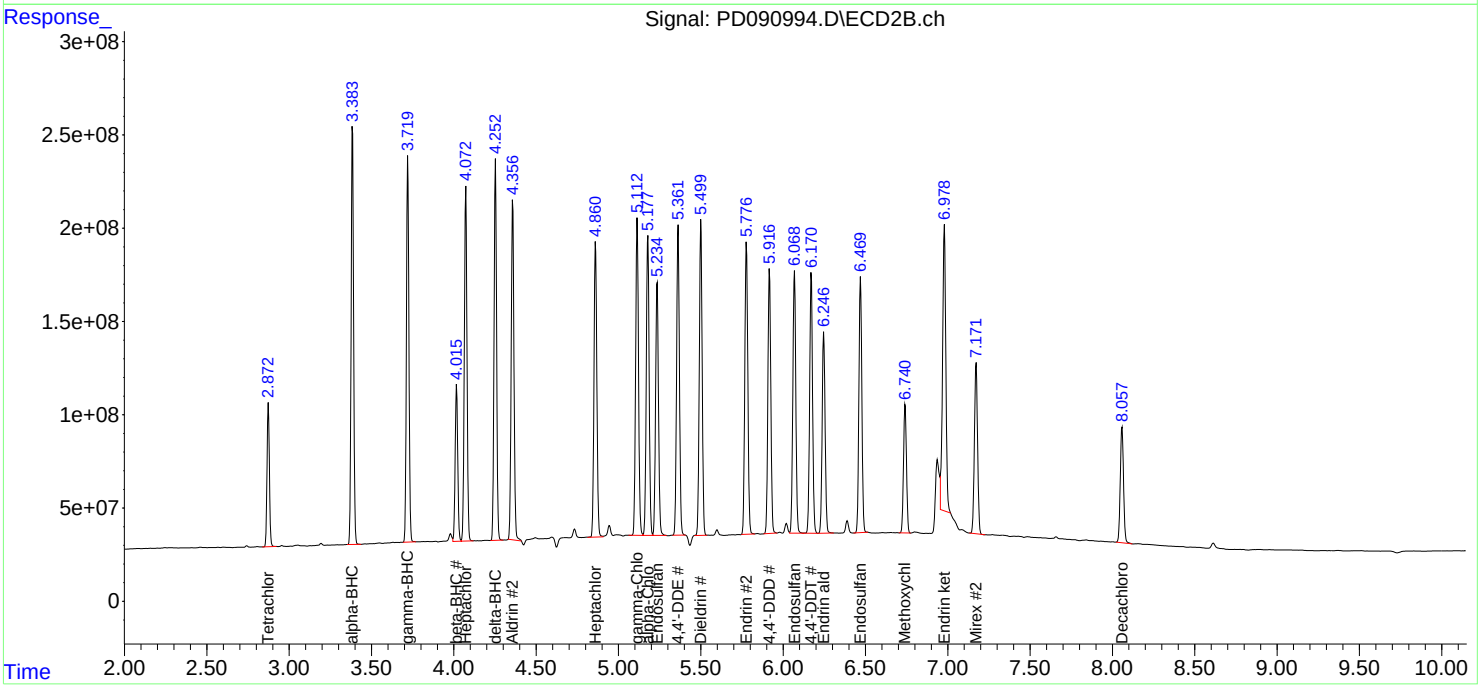
Manual Integrations APPROVED

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

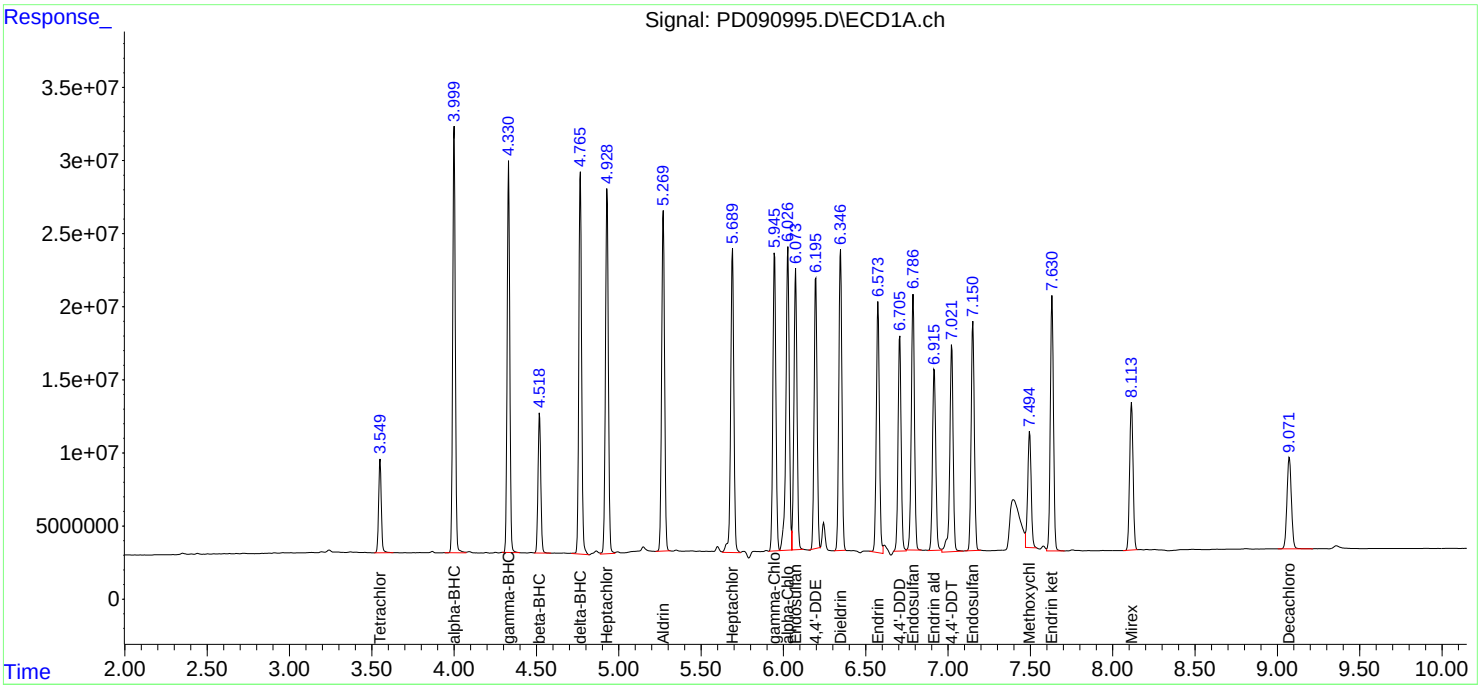
Instrument :
ECD_D
ClientSampleId :
PB170426BSD

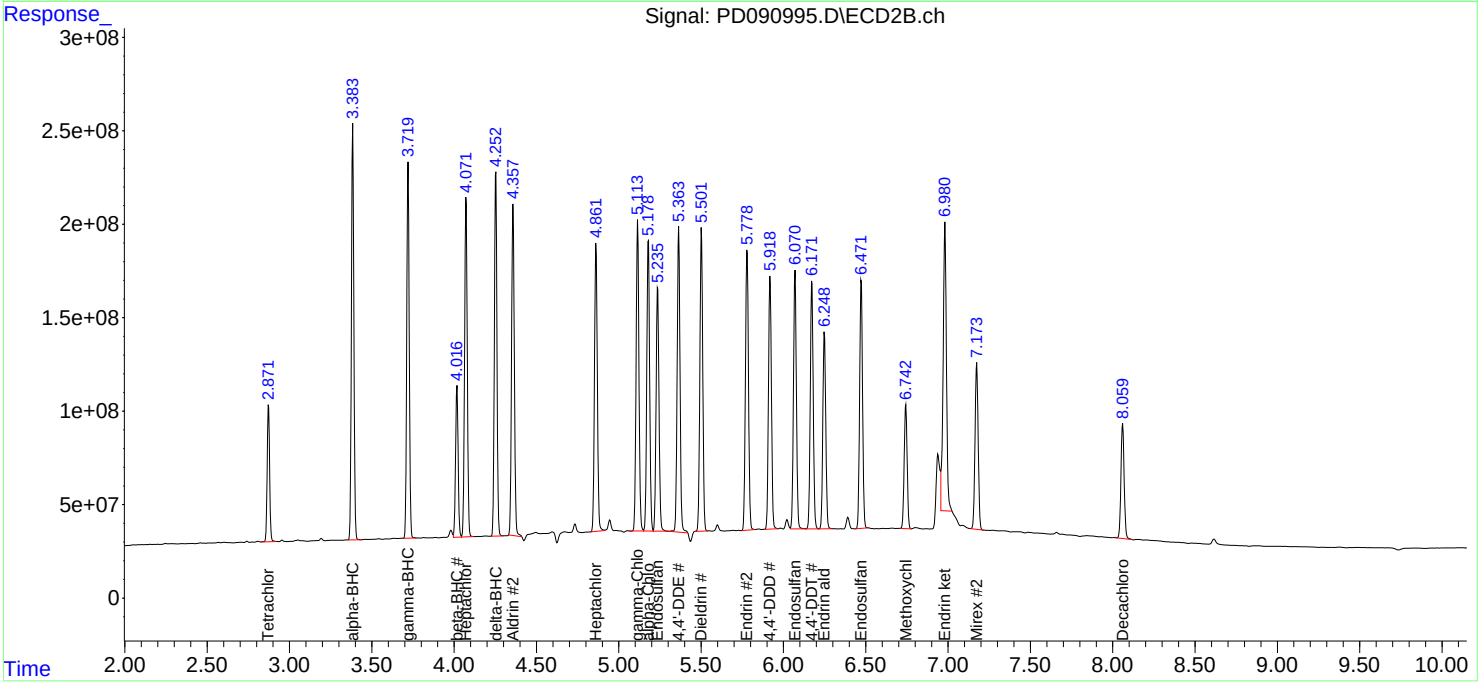
Manual Integrations APPROVED

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
Q3552-01	PD091007.D	Decachlorobiphenyl	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-01	PD091007.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-01	PD091007.D	Heptachlor #2	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-01	PD091007.D	Methoxychlor	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-01	PD091007.D	Methoxychlor #2	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-01	PD091007.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:38 AM	yogesh	11/7/2025 10:55:48	Peak Integrated by Software
Q3552-02	PD091008.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:40 AM	yogesh	11/7/2025 10:55:53	Peak Integrated by Software
Q3552-02	PD091008.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:40 AM	yogesh	11/7/2025 10:55:53	Peak Integrated by Software
Q3552-03	PD091009.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:43 AM	yogesh	11/7/2025 10:55:55	Peak Integrated by Software
Q3552-03	PD091009.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:43 AM	yogesh	11/7/2025 10:55:55	Peak Integrated by Software
Q3552-03	PD091009.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:43 AM	yogesh	11/7/2025 10:55:55	Peak Integrated by Software
Q3552-04	PD091010.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:46 AM	yogesh	11/7/2025 10:55:57	Peak Integrated by Software
Q3552-05	PD091011.D	beta-BHC #2	rahul	11/7/2025 10:35:48 AM	yogesh	11/7/2025 10:56:00	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
Q3552-05	PD091011.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:48 AM	yogesh	11/7/2025 10:56:00	Peak Integrated by Software
Q3552-05	PD091011.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:48 AM	yogesh	11/7/2025 10:56:00	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

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 # 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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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	

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,
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	

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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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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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	

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
18	Q3534-01	MW-6	PD090996.D	06 Nov 2025 15:18	DCB high in 2nd column	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	

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

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)

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

LAB CHRONICLE

OrderID:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3552-02	**MW-8**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3552-03	**MW-9**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3552-04	**MW-10**	**WATER**			**11/05/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3552-05	**MW-3**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3552 **Order ID:** Q3552

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: **PP076362.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:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	500 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	0.097	U	1	0.097	0.50	ug/L	11/06/25 16:44	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 16:44	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 16:44	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 16:44	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 16:44	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 16:44	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 16:44	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 16:44	PB170425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25 16:44	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.5			30 (30) - 150 (173)	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.0			30 (10) - 150 (173)	70%	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: **PP076363.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:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	500 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	0.097	U	1	0.097	0.50	ug/L	11/06/25 17:00	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 17:00	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 17:00	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 17:00	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 17:00	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 17:00	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 17:00	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 17:00	PB170425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25 17:00	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	33.4	*		30 (30) - 150 (173)	167%	SPK: 20		
2051-24-3	Decachlorobiphenyl	30.5	*		30 (10) - 150 (173)	152%	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: **PP076364.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:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	500 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	0.097	U	1	0.097	0.50	ug/L	11/06/25 17:17	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 17:17	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 17:17	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 17:17	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 17:17	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 17:17	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 17:17	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 17:17	PB170425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25 17:17	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.8			30 (30) - 150 (173)	144%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.3			30 (10) - 150 (173)	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: **PP076365.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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	500 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	0.097	U	1	0.097	0.50	ug/L	11/06/25 17:33	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/06/25 17:33	PB170425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/06/25 17:33	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/06/25 17:33	PB170425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/06/25 17:33	PB170425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/06/25 17:33	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/06/25 17:33	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/06/25 17:33	PB170425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/06/25 17:33	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	29.3			30 (30) - 150 (173)	146%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.9			30 (10) - 150 (173)	140%	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: **PP076366.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:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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 17:49	PB170425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.52	ug/L	11/06/25 17:49	PB170425
11141-16-5	Aroclor-1232	0.099	U	1	0.099	0.52	ug/L	11/06/25 17:49	PB170425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.52	ug/L	11/06/25 17:49	PB170425
12672-29-6	Aroclor-1248	0.073	U	1	0.073	0.52	ug/L	11/06/25 17:49	PB170425
11097-69-1	Aroclor-1254	0.097	U	1	0.097	0.52	ug/L	11/06/25 17:49	PB170425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.52	ug/L	11/06/25 17:49	PB170425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/06/25 17:49	PB170425
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/06/25 17:49	PB170425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.8			30 (30) - 150 (173)	139%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			30 (10) - 150 (173)	111%	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.: Q3552

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)
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-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)
Q3552-01	MW-4	Tetrachloro-m-xyl	1	20	21.5	108		30 (30)	150 (173)
		Decachlorobiphen	1	20	14.0	70		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	15.3	76		30 (30)	150 (173)
		Decachlorobiphen	2	20	12.5	62		30 (10)	150 (173)
Q3552-02	MW-8	Tetrachloro-m-xyl	1	20	33.4	167	*	30 (30)	150 (173)
		Decachlorobiphen	1	20	30.5	152	*	30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	33.2	166	*	30 (30)	150 (173)
		Decachlorobiphen	2	20	27.2	136		30 (10)	150 (173)
Q3552-03	MW-9	Tetrachloro-m-xyl	1	20	28.8	144		30 (30)	150 (173)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q3552

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3552-03	MW-9	Decachlorobiphen	1	20	17.3	86		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.2	111		30 (30)	150 (173)
		Decachlorobiphen	2	20	16.5	83		30 (10)	150 (173)
Q3552-04	MW-10	Tetrachloro-m-xyl	1	20	29.3	146		30 (30)	150 (173)
		Decachlorobiphen	1	20	27.9	140		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	26.1	130		30 (30)	150 (173)
		Decachlorobiphen	2	20	25.9	130		30 (10)	150 (173)
Q3552-05	MW-3	Tetrachloro-m-xyl	1	20	27.8	139		30 (30)	150 (173)
		Decachlorobiphen	1	20	22.2	111		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.2	111		30 (30)	150 (173)
		Decachlorobiphen	2	20	20.4	102		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.: Q3552 **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.: Q3552 **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

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170425BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3552

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-4	Q3552-01	PP076362.D	11/06/2025	11/06/2025
MW-8	Q3552-02	PP076363.D	11/06/2025	11/06/2025
MW-9	Q3552-03	PP076364.D	11/06/2025	11/06/2025
MW-10	Q3552-04	PP076365.D	11/06/2025	11/06/2025
MW-3	Q3552-05	PP076366.D	11/06/2025	11/06/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PO114941.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170425BL	SDG No.:	Q3552
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.:	Q3552
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.:	Q3552
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.:	Q3552
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:	10/21/25
Project:	Edison Landfill	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3552
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.:	Q3552
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.:	Q3552
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.:	Q3552
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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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170425BSD	SDG No.:	Q3552
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.:** Q3552

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.:** Q3552

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.: Q3552
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.: Q3552
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.:** Q3552

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.:** Q3552

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.:** Q3552

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 **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3552

Instrument ID: ECD_P **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.: Q3552
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.: Q3552
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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

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.:** Q3552

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **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.:** Q3552

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **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.:** Q3552

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	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.:** Q3552

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.:** Q3552

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **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.:** Q3552

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **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

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
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
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

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Analytical Sequence

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
MW-4	Q3552-01	11/06/2025	16:44	PP076362.D	10.41	4.64
MW-8	Q3552-02	11/06/2025	17:00	PP076363.D	10.41	4.64
MW-9	Q3552-03	11/06/2025	17:17	PP076364.D	10.41	4.64
MW-10	Q3552-04	11/06/2025	17:33	PP076365.D	10.41	4.64
MW-3	Q3552-05	11/06/2025	17:49	PP076366.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

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

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
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
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

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Analytical Sequence

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
MW-4	Q3552-01	11/06/2025	16:44	PP076362.D	8.77	3.77
MW-8	Q3552-02	11/06/2025	17:00	PP076363.D	8.77	3.78
MW-9	Q3552-03	11/06/2025	17:17	PP076364.D	8.77	3.77
MW-10	Q3552-04	11/06/2025	17:33	PP076365.D	8.77	3.78
MW-3	Q3552-05	11/06/2025	17:49	PP076366.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

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB170425BS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3552
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

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB170425BSD

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3552
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

Sample Results: **PP076362.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:44
Operator : YP\AJ
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MW-4

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 00:27:43 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...	4.635	3.770	30770556	101.1E6	21.532m	15.269m#
2)	SA Decachlor...	10.405	8.770	15041827	102.7E6	13.973	12.491
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076362.D**

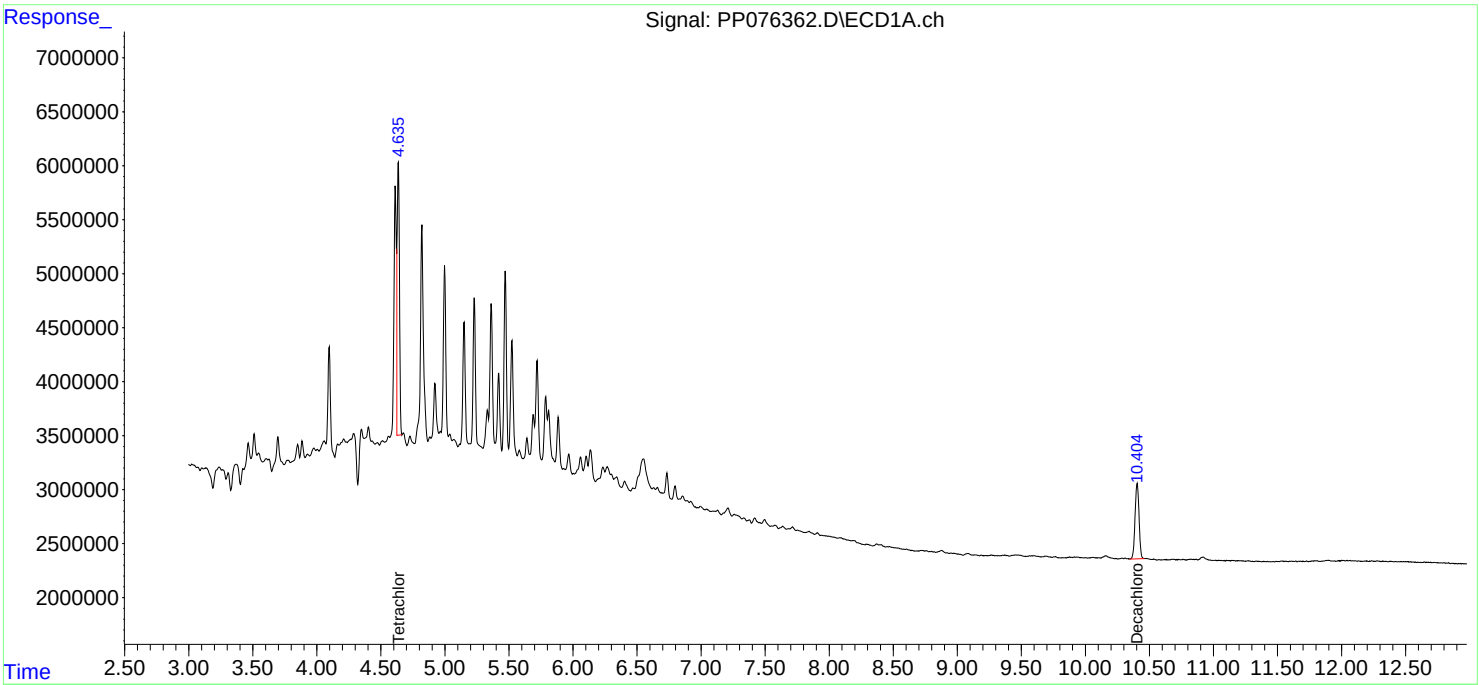
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:44
Operator : YP\AJ
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

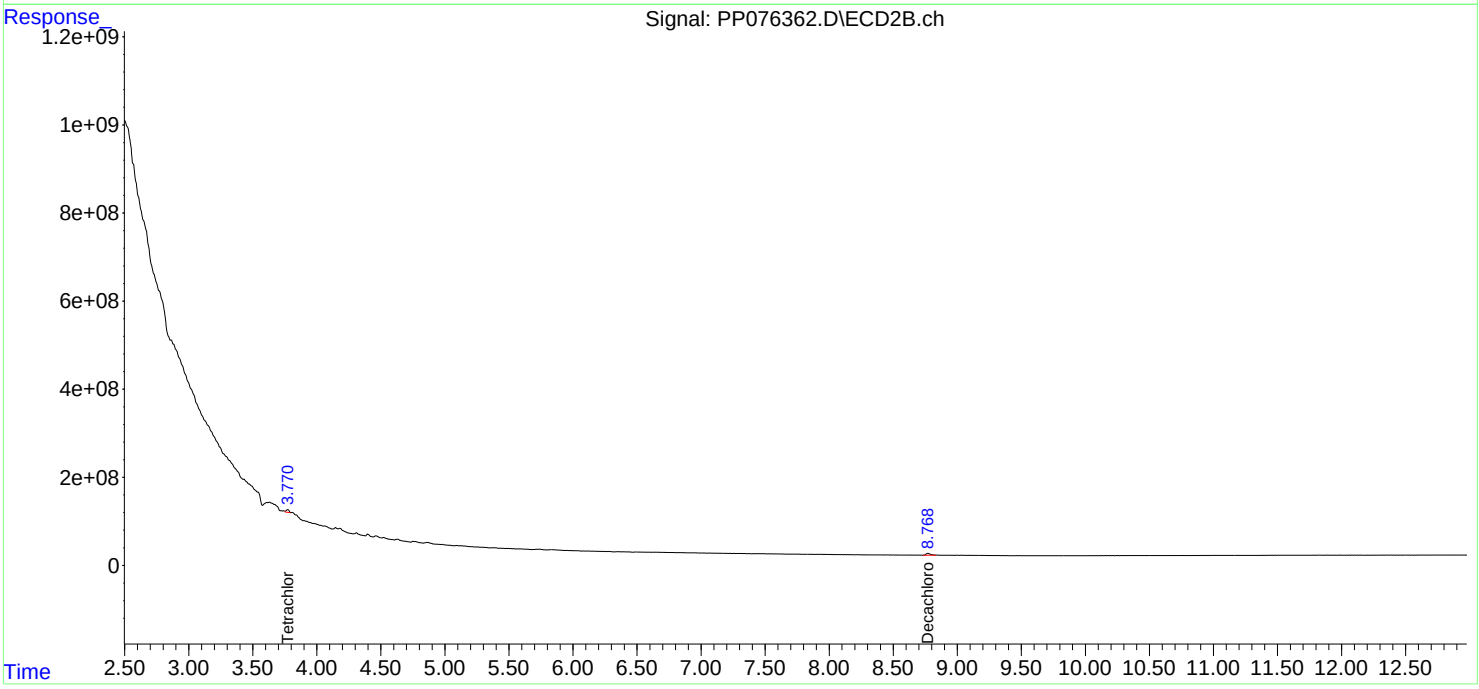
Instrument :
ECD_P
ClientSampleId :
MW-4

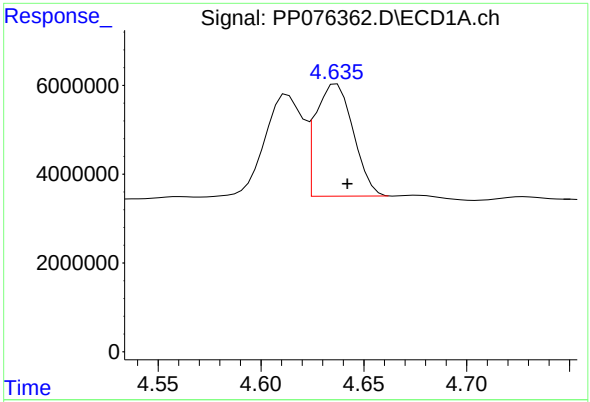
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:43 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







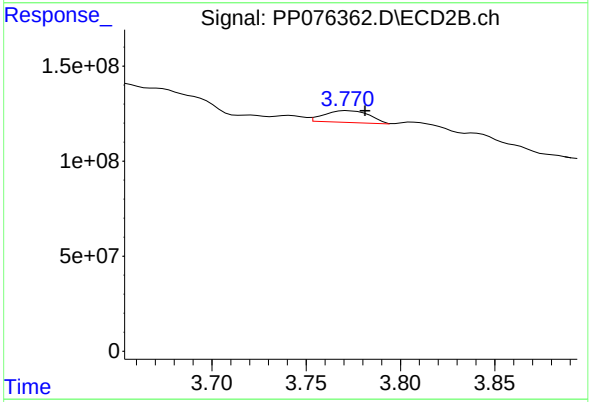
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.007 min
Response: 30770556
Conc: 21.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
MW-4

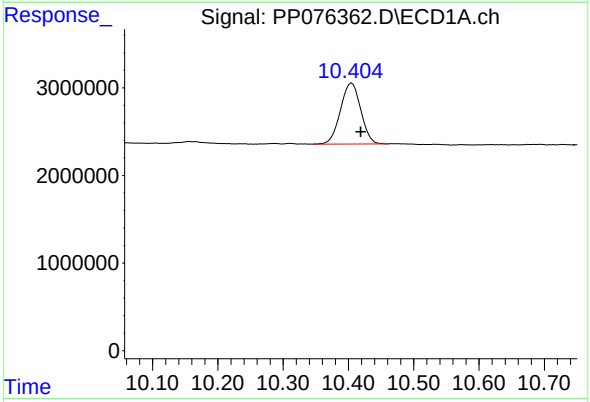
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



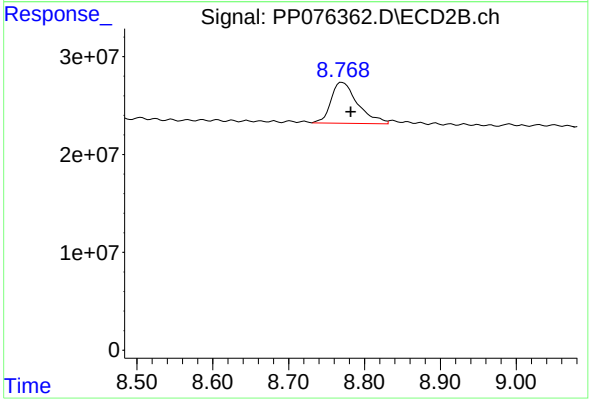
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.011 min
Response: 101056363
Conc: 15.27 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 15041827
Conc: 13.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.012 min
Response: 102715841
Conc: 12.49 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:00
Operator : YP\AJ
Sample : Q3552-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MW-8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:04 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	3.778	47786490	219.8E6	33.438	33.214
2)	SA Decachlor...	10.406	8.773	32812391	223.6E6	30.480	27.190
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

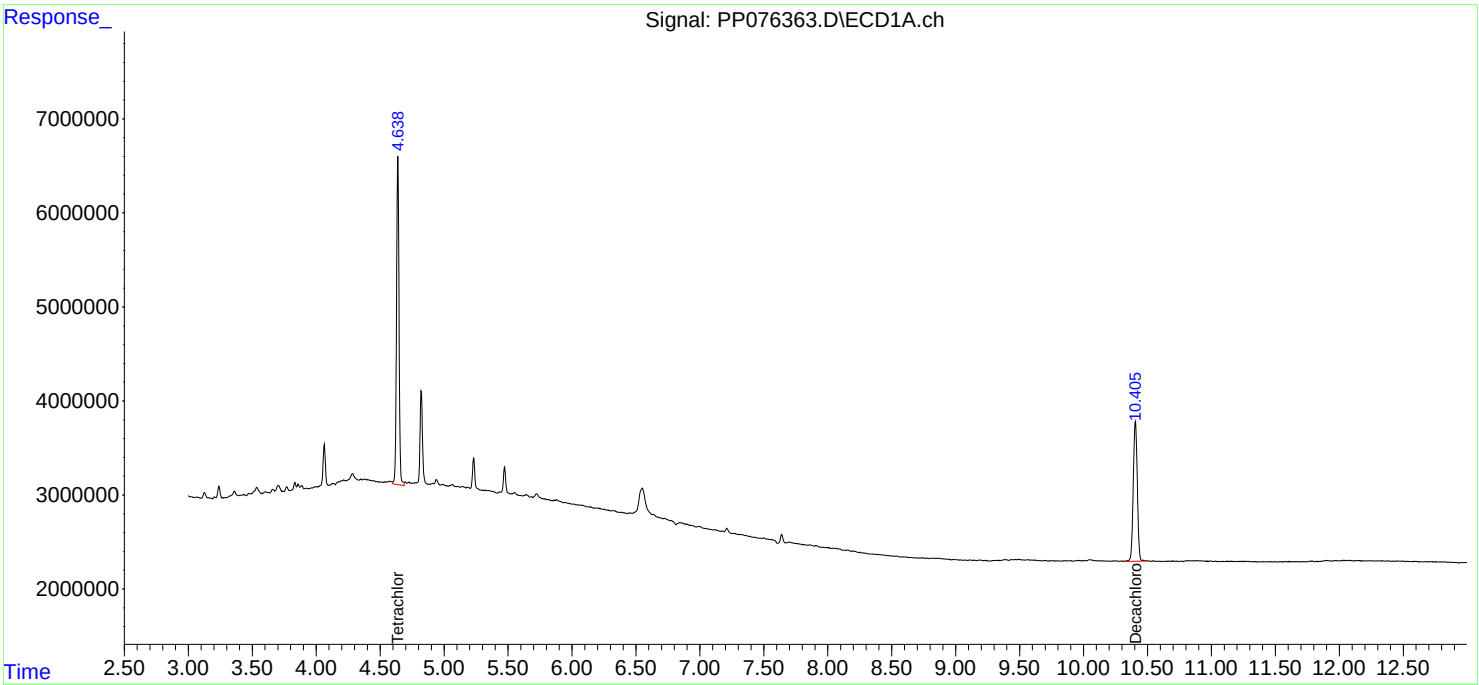
Sample Results: **PP076363.D**

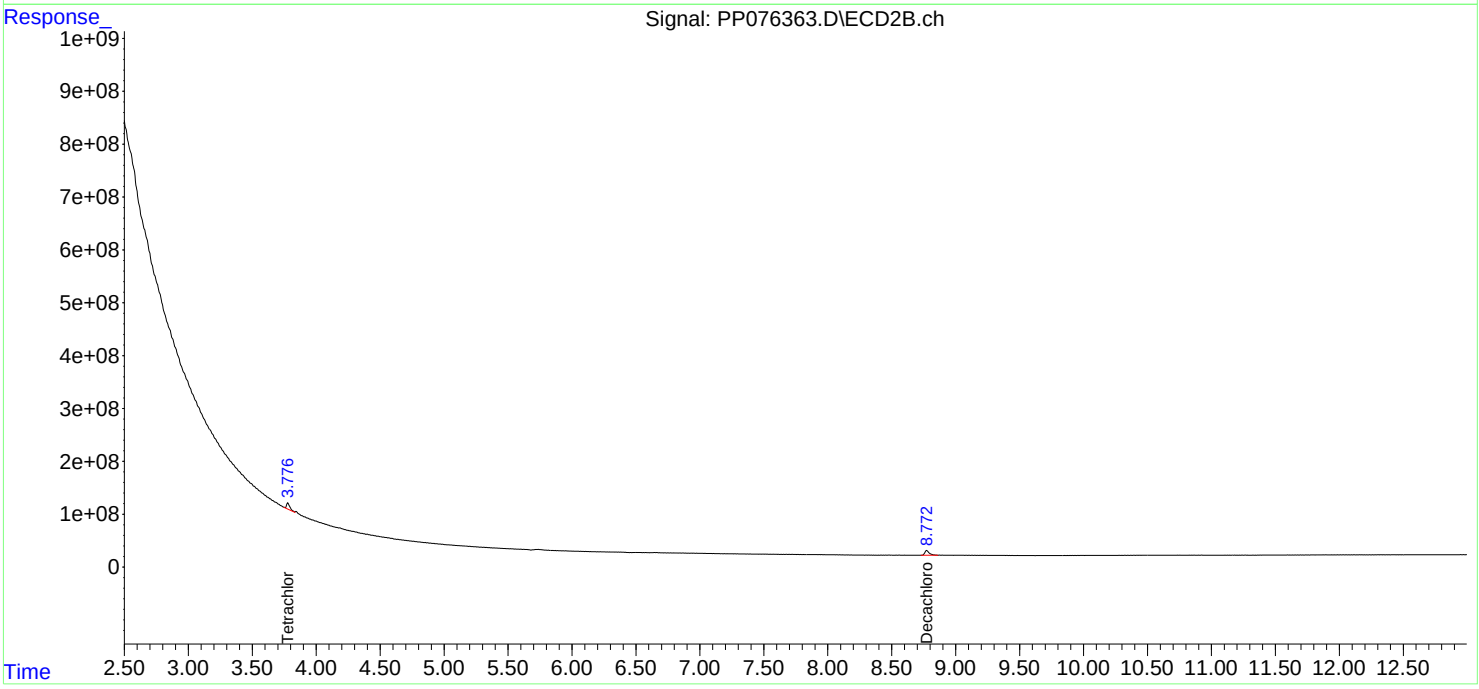
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:00
Operator : YP\AJ
Sample : Q3552-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

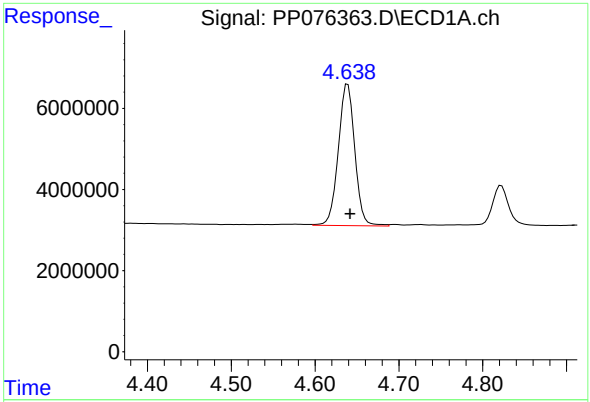
Instrument :
ECD_P
ClientSampleId :
MW-8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:04 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



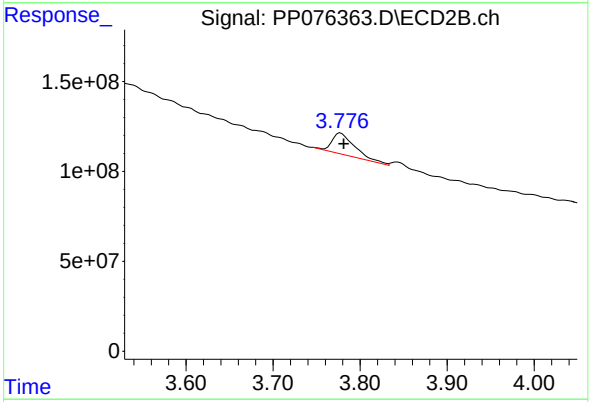




#1 Tetrachloro-m-xylene

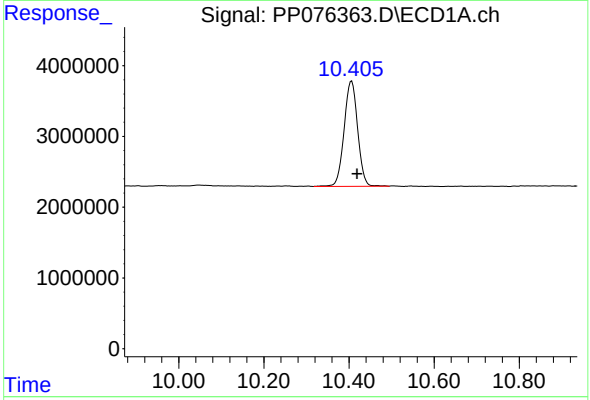
R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 47786490
Conc: 33.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
MW-8



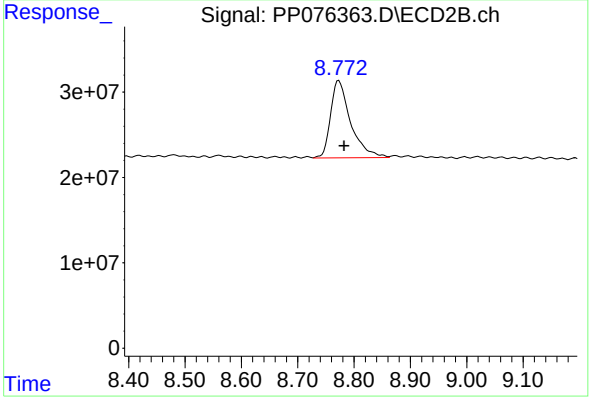
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 219821566
Conc: 33.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 32812391
Conc: 30.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 223583823
Conc: 27.19 ng/ml

Sample Results: **PP076364.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:17
Operator : YP\AJ
Sample : Q3552-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MW-9

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 00:28:23 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	3.773	41169904	146.7E6	28.808m	22.169m
2)	SA Decachlor...	10.408	8.774	18618595	136.0E6	17.295	16.533
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076364.D**

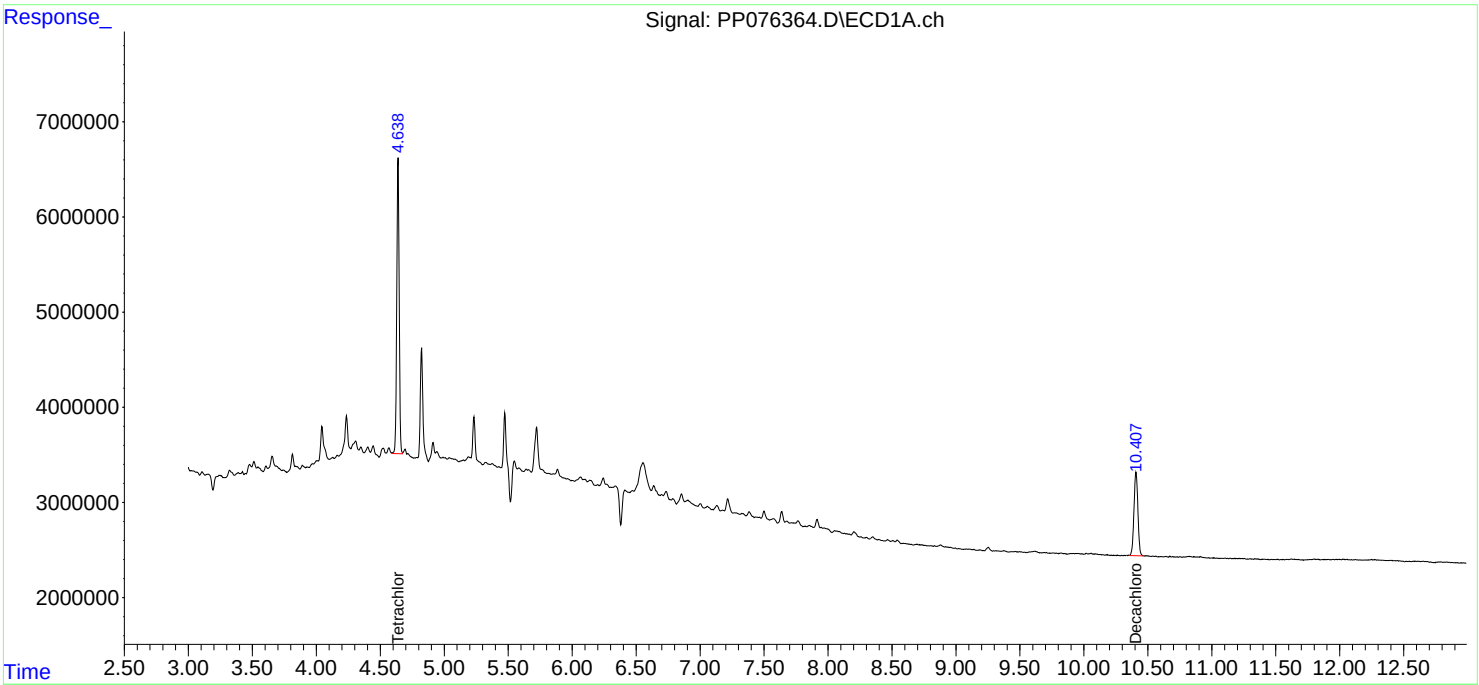
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:17
Operator : YP\AJ
Sample : Q3552-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

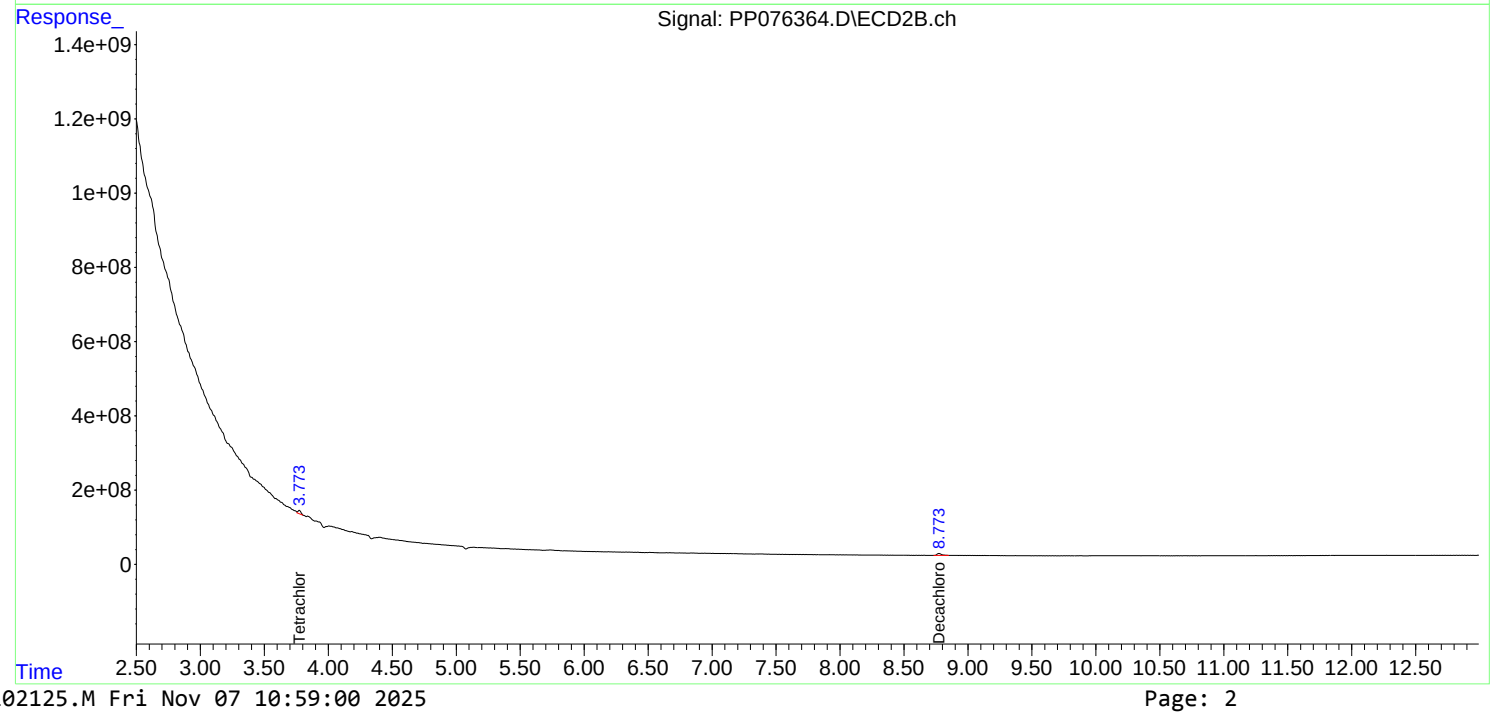
Instrument :
ECD_P
ClientSampleId :
MW-9

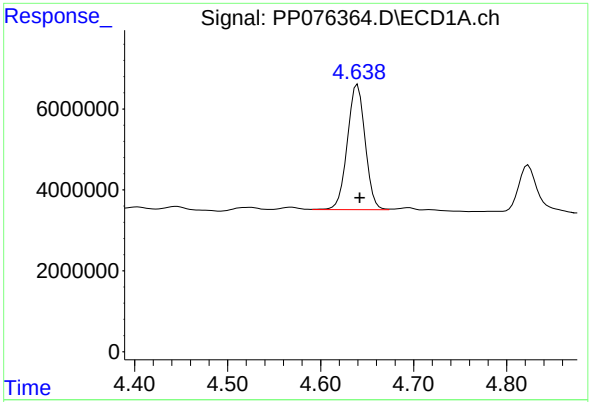
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:23 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







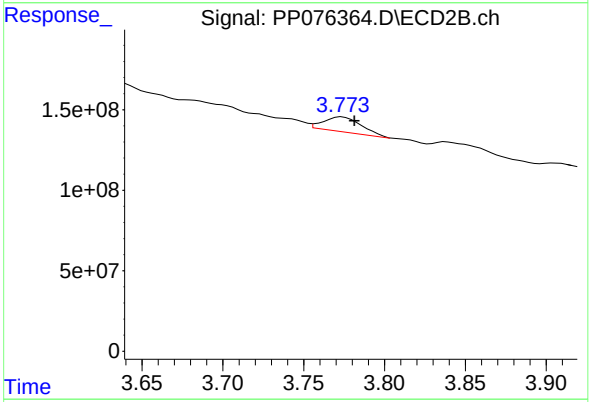
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 41169904
Conc: 28.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
MW-9

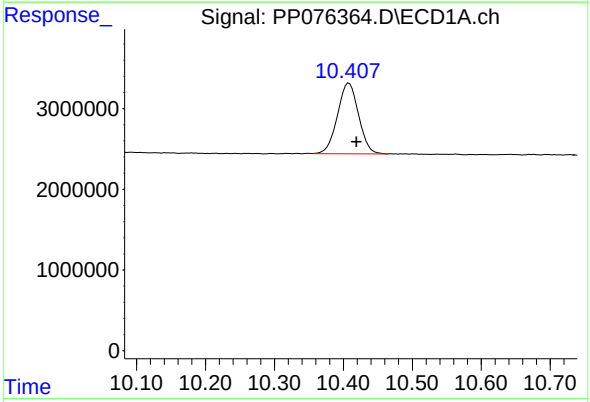
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



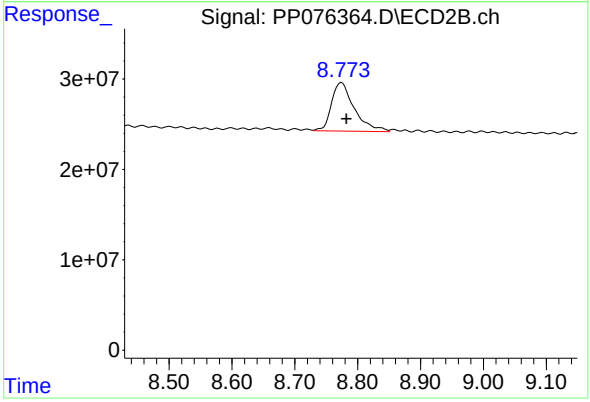
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.009 min
Response: 146720762
Conc: 22.17 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 18618595
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 135951060
Conc: 16.53 ng/ml

Sample Results: **PP076365.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:33
Operator : YP\AJ
Sample : Q3552-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MW-10

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 00:28:37 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	3.775	41858580	172.6E6	29.290m	26.078m
2)	SA Decachlor...	10.406	8.773	30092729	213.0E6	27.954	25.899
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076365.D**

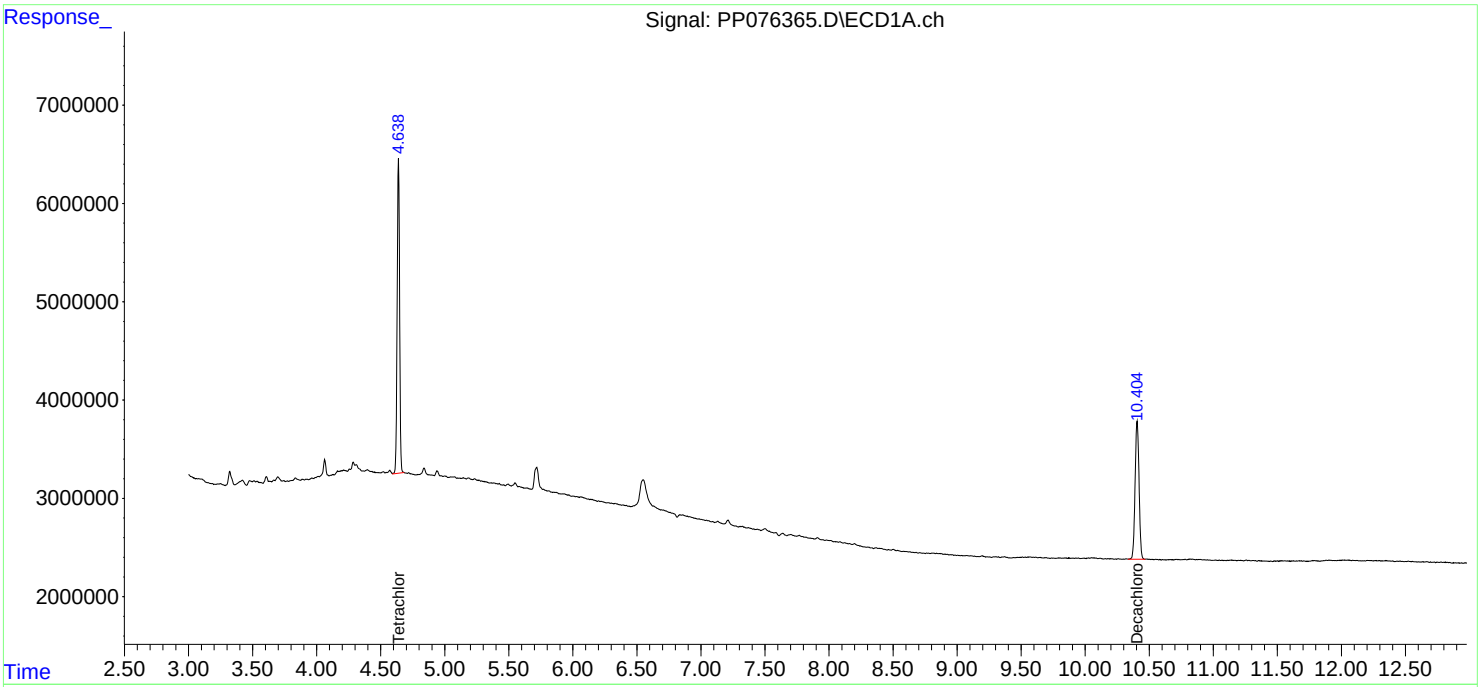
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:33
Operator : YP\AJ
Sample : Q3552-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

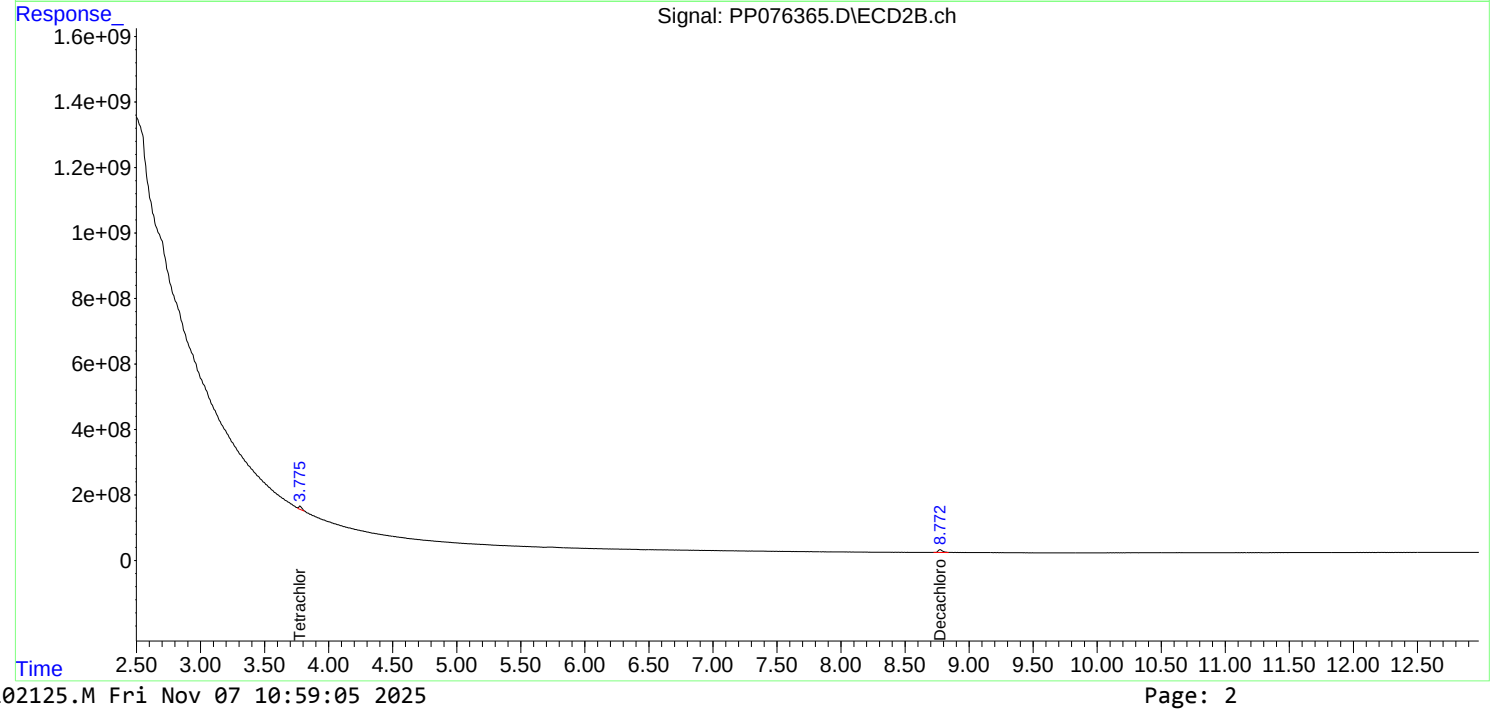
Instrument :
ECD_P
ClientSampleId :
MW-10

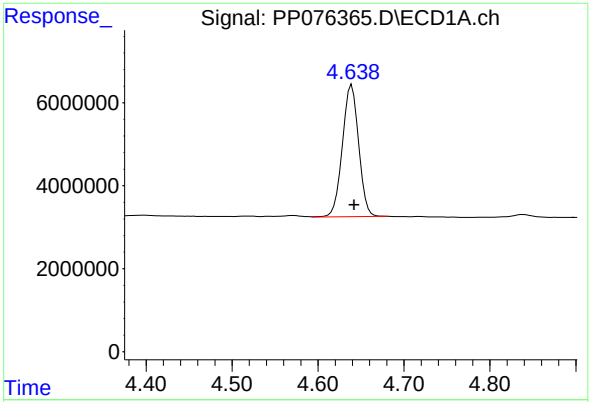
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:37 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







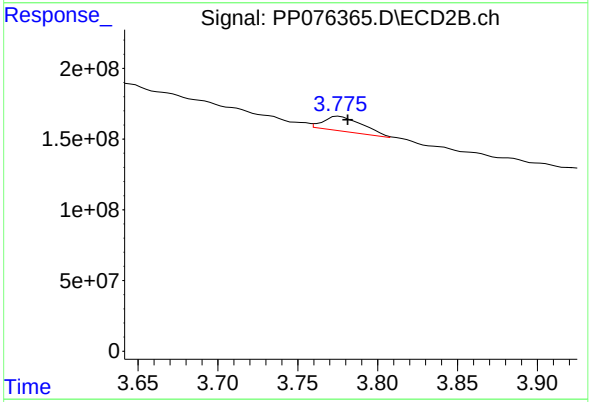
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 41858580
Conc: 29.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
MW-10

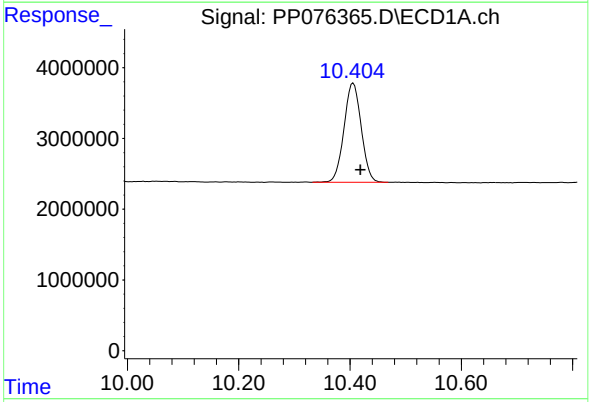
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



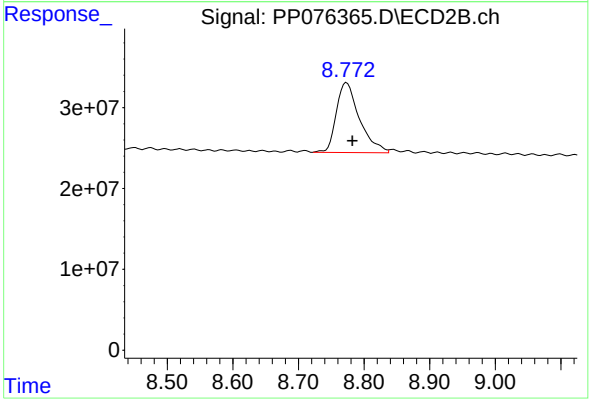
#1 Tetrachloro-m-xylene

R.T.: 3.775 min
Delta R.T.: -0.006 min
Response: 172594863
Conc: 26.08 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 30092729
Conc: 27.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 212964105
Conc: 25.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:49
Operator : YP\AJ
Sample : Q3552-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MW-3

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 00:28:52 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...	4.636	3.778	39666227	147.2E6	27.756m	22.239m
2)	SA Decachlor...	10.405	8.774	23879995	168.1E6	22.182	20.439
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076366.D**

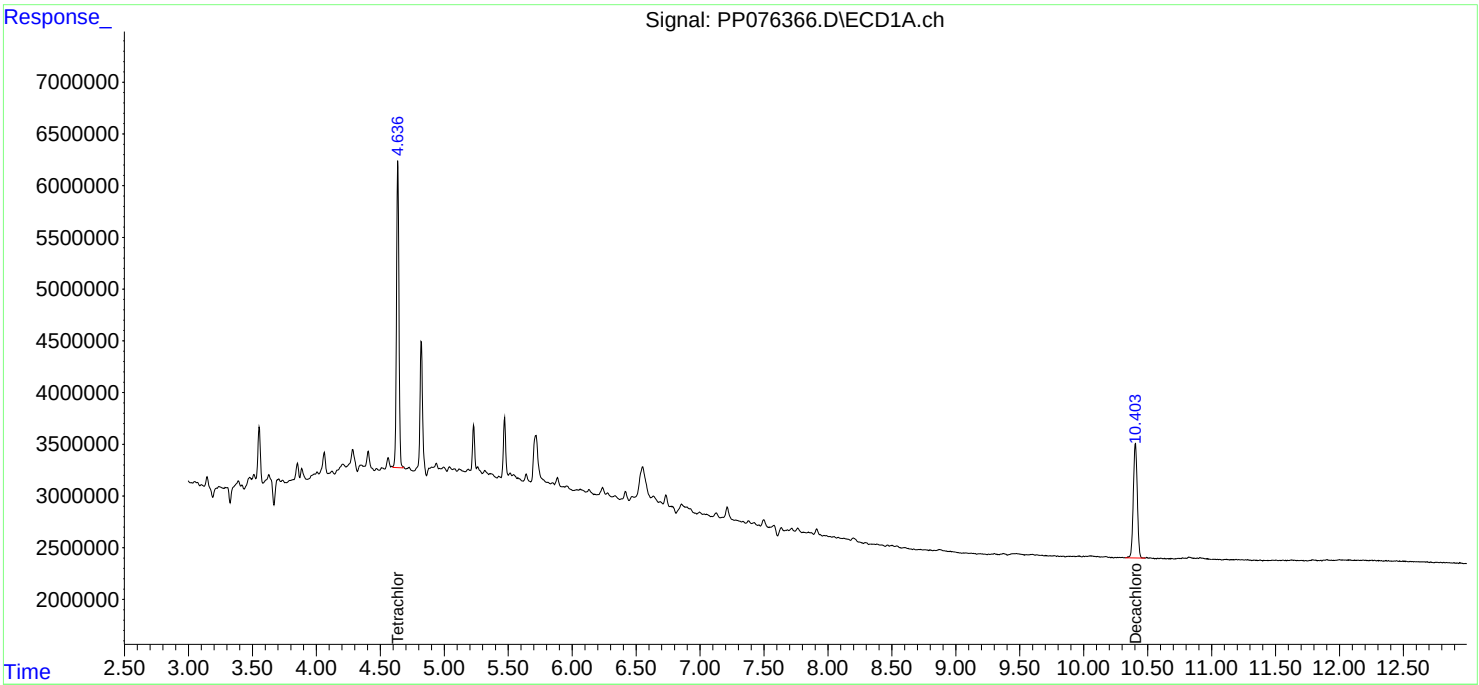
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110625\
Data File : PP076366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:49
Operator : YP\AJ
Sample : Q3552-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

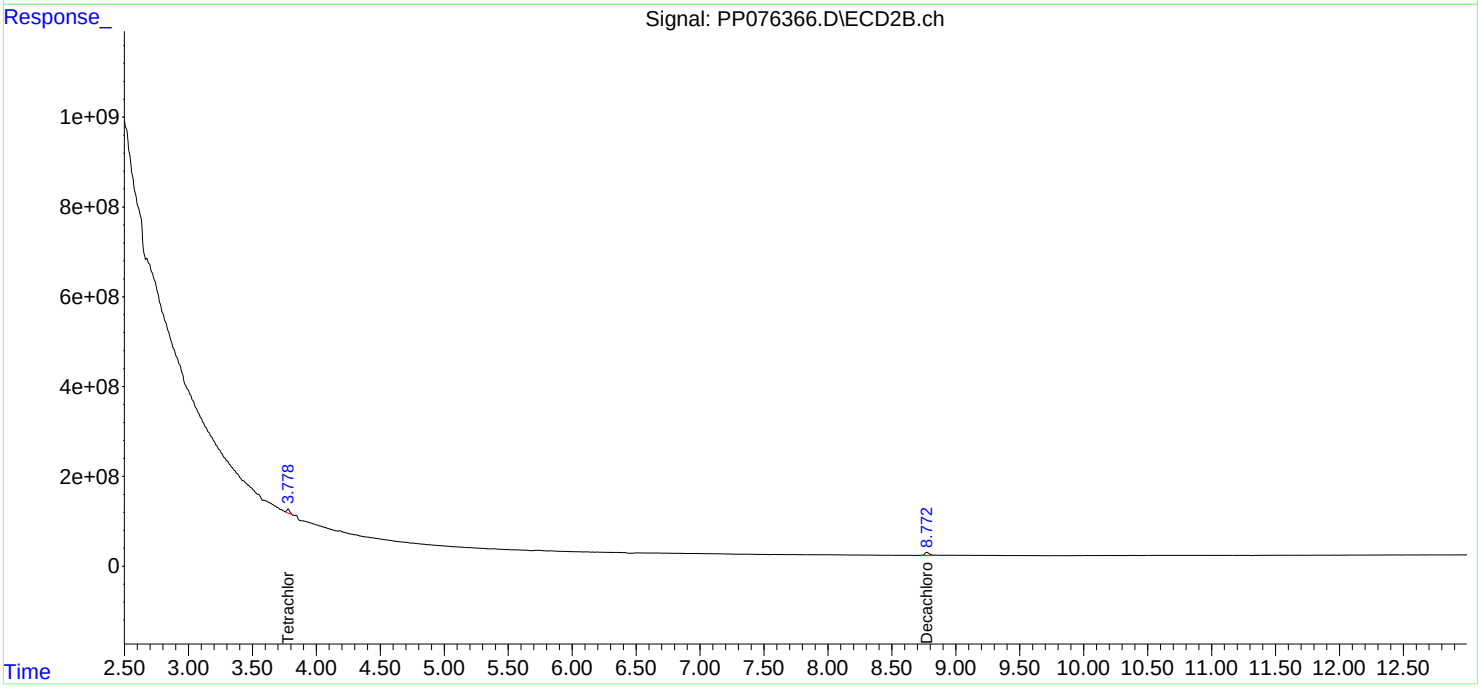
Instrument :
ECD_P
ClientSampleId :
MW-3

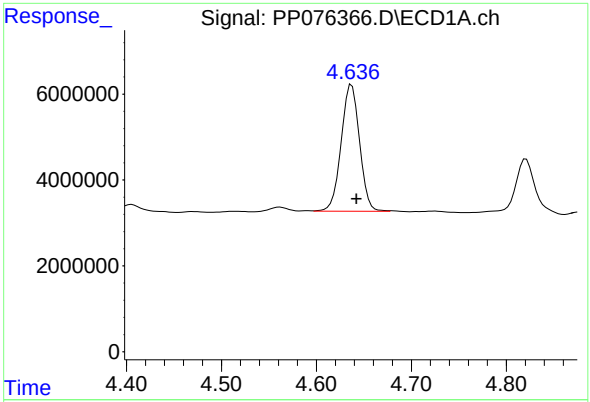
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:52 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







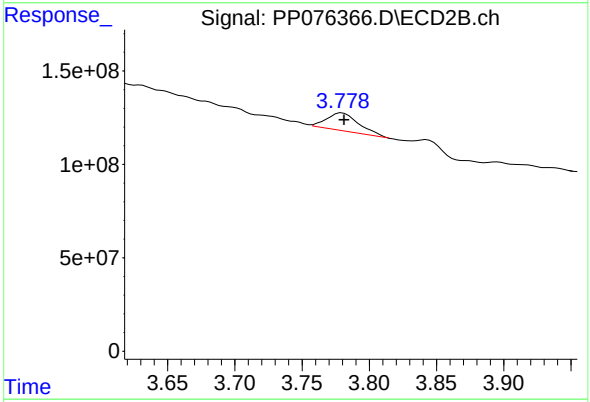
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 39666227
Conc: 27.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
MW-3

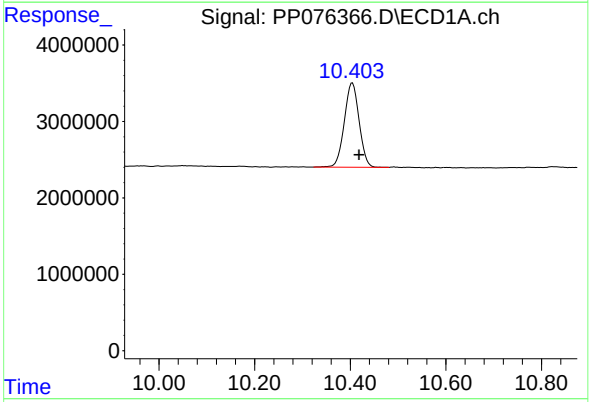
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



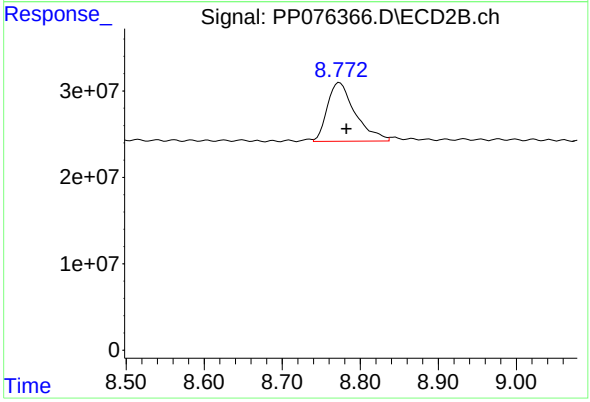
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 147182192
Conc: 22.24 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 23879995
Conc: 22.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.009 min
Response: 168067902
Conc: 20.44 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						

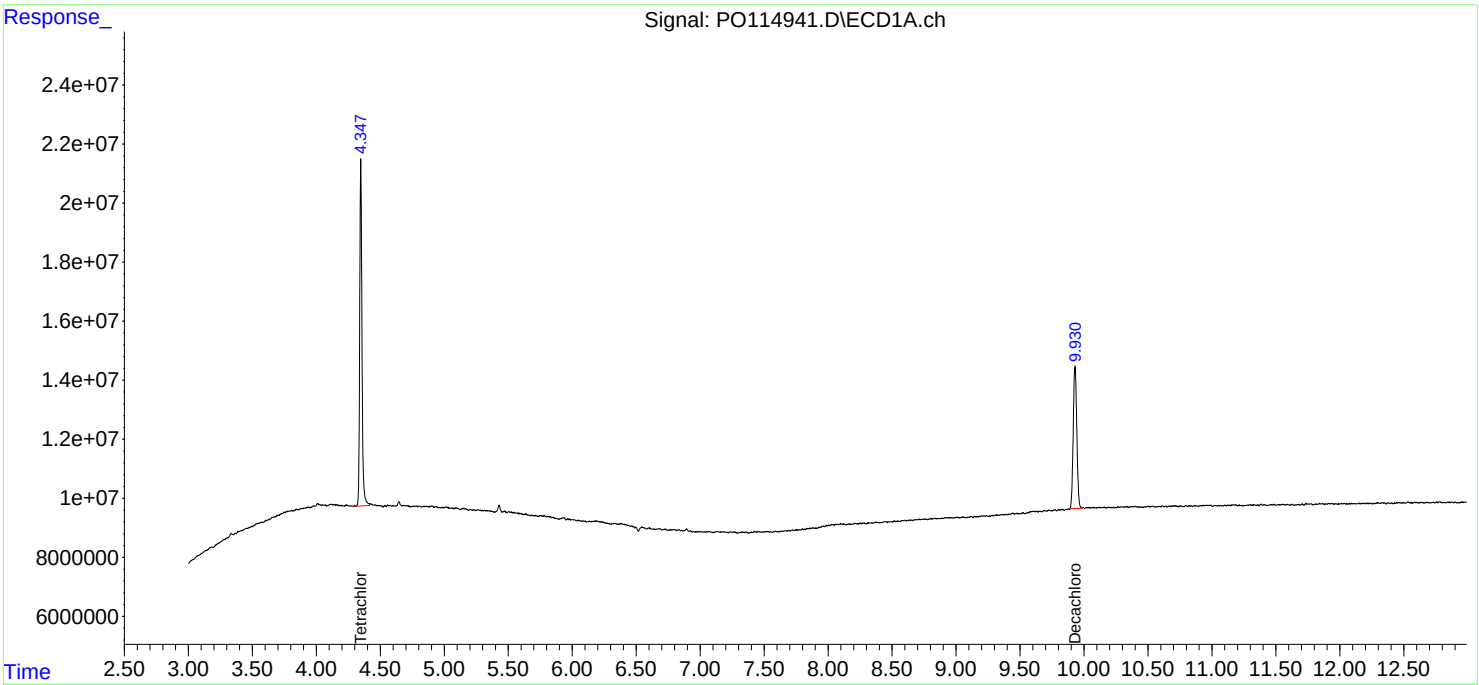
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

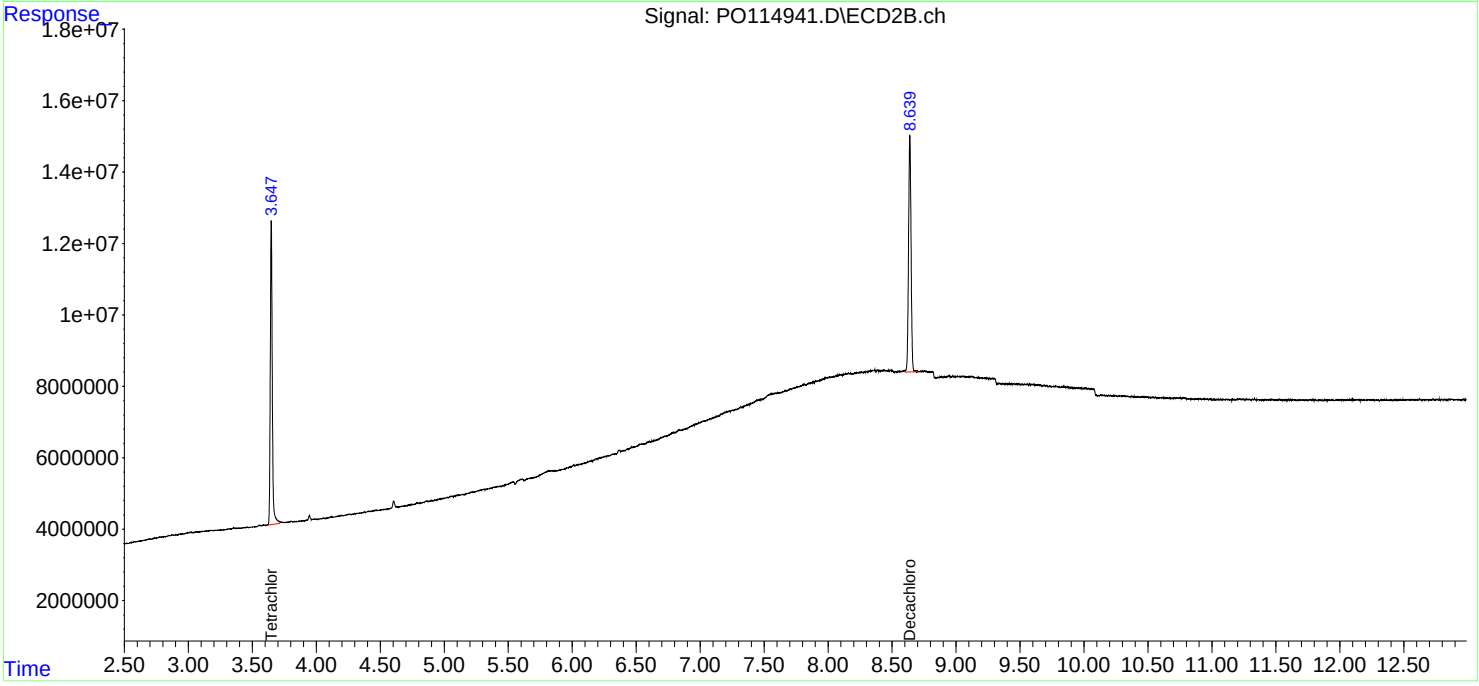
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : YP/AJ
Sample : PB170425BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

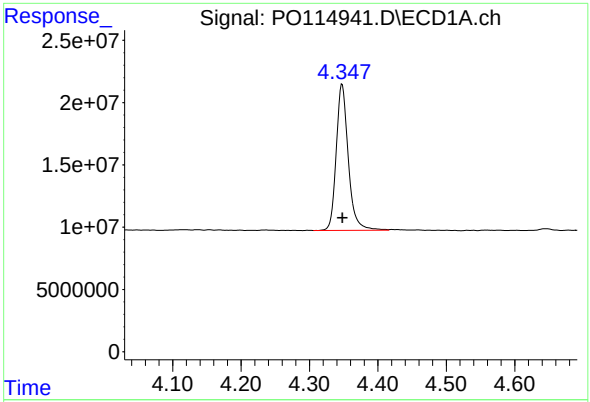
Instrument :
ECD_O
ClientSampleId :
PB170425BL

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



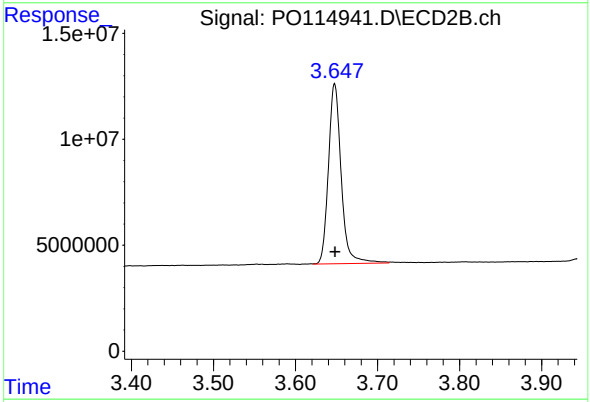




#1 Tetrachloro-m-xylene

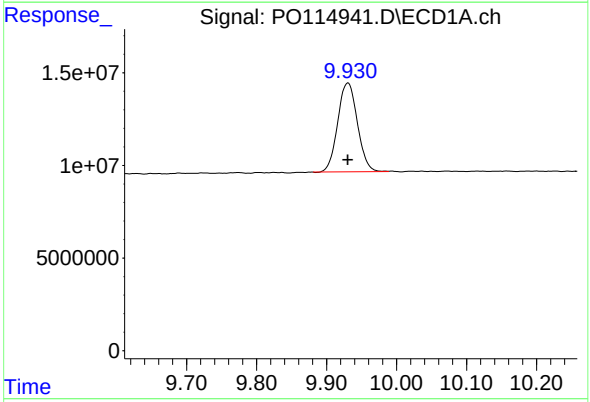
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 143949782
Conc: 20.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170425BL



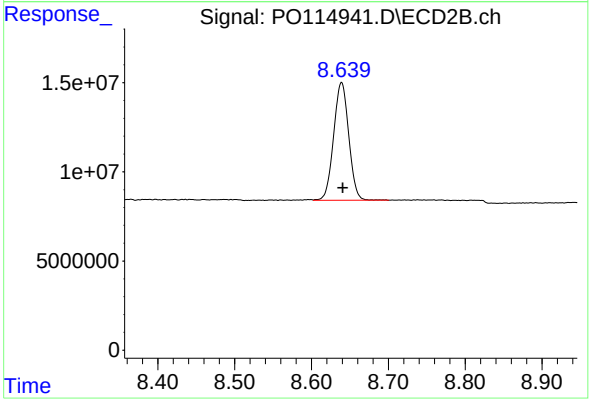
#1 Tetrachloro-m-xylene

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

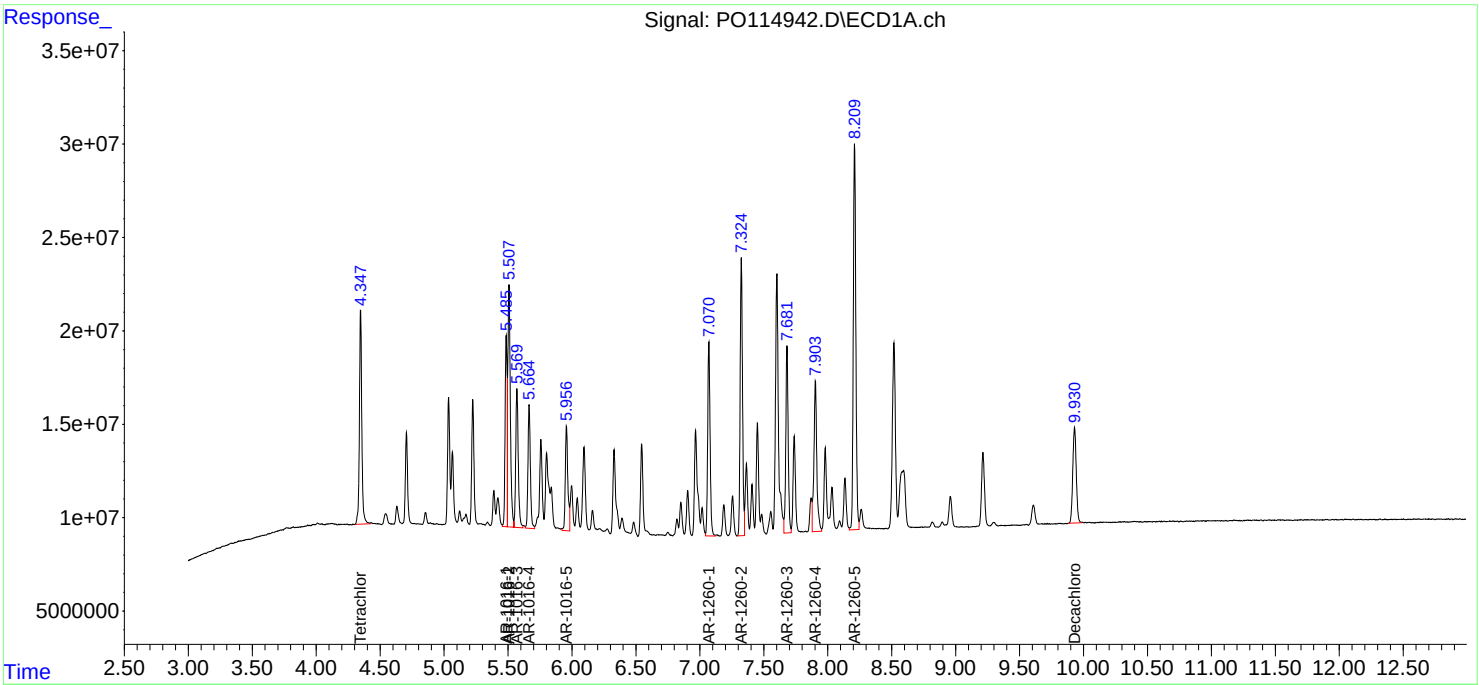
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

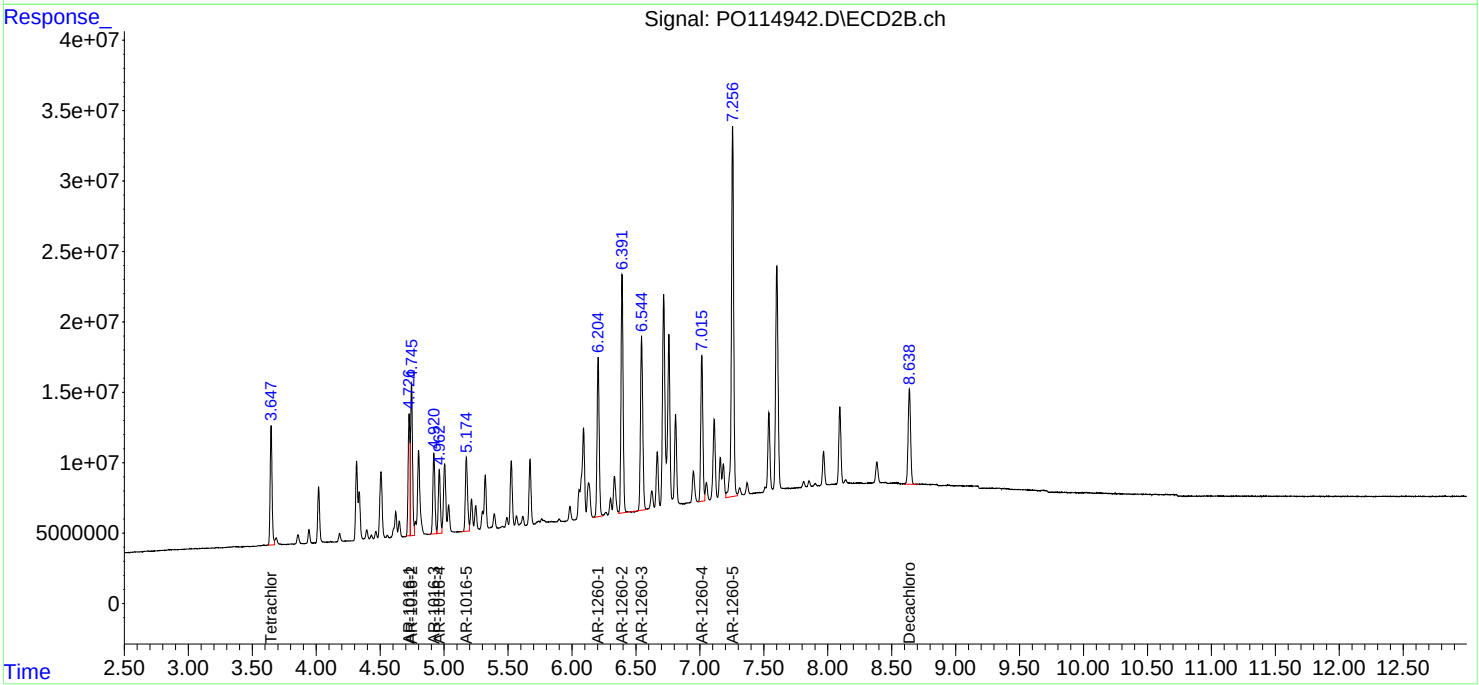
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:50
Operator : YP/AJ
Sample : PB170425BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

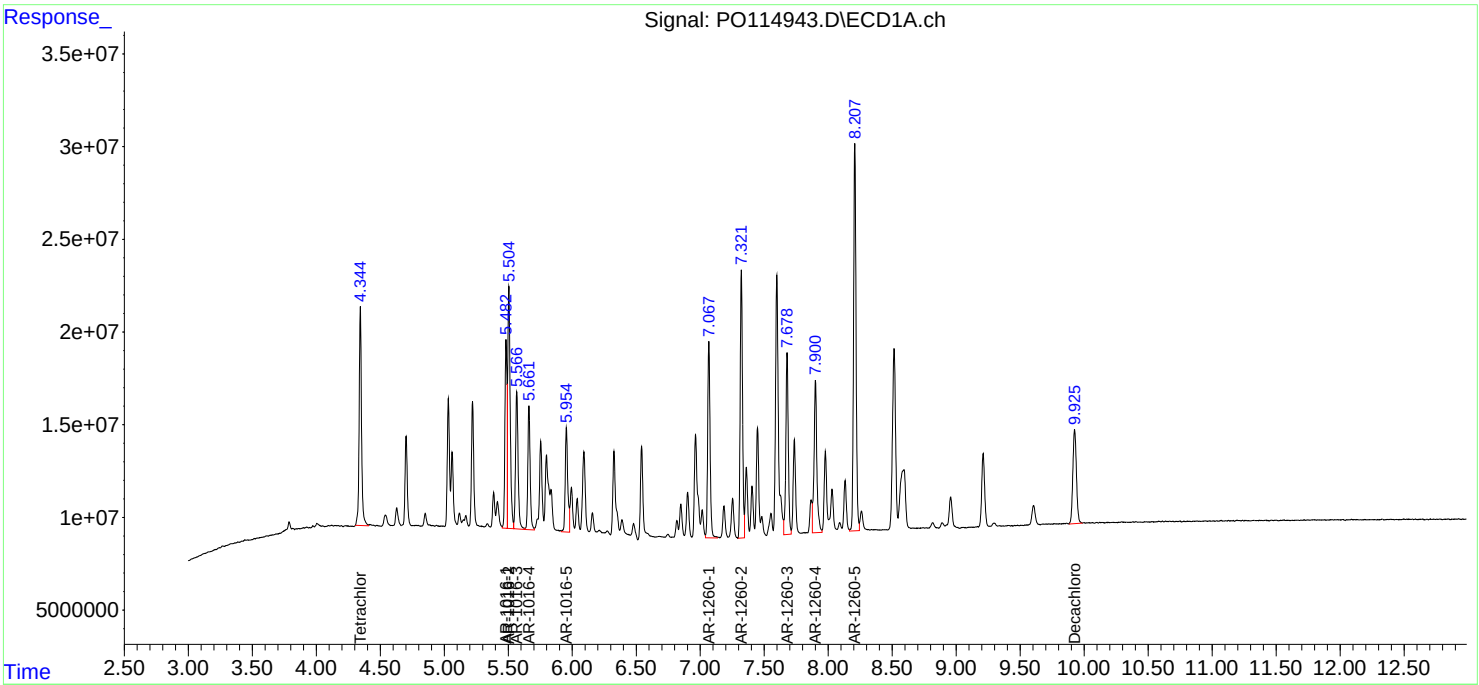
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

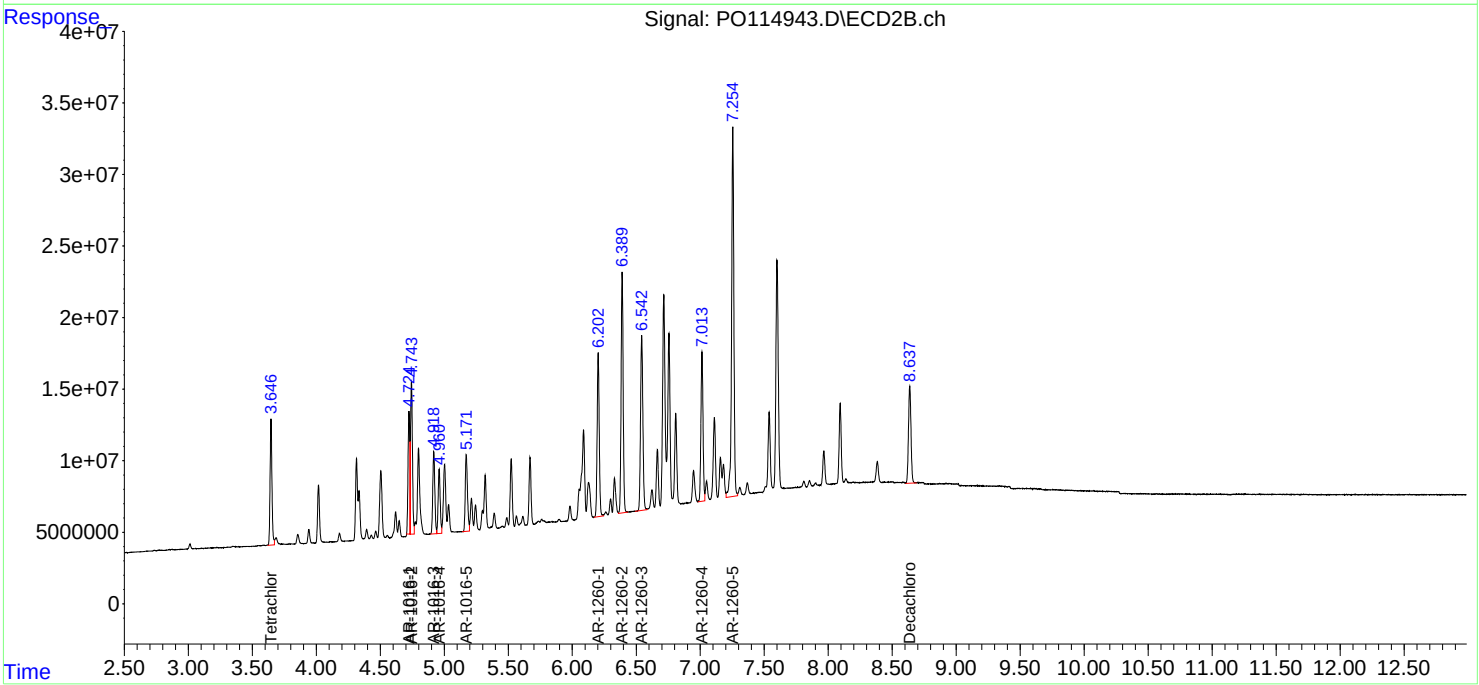
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110625\
Data File : PO114943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:08
Operator : YP/AJ
Sample : PB170425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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





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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
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:	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
Q3552-01	PP076362.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:49 AM	yogesh	11/7/2025 10:52:54	Peak Integrated by Software
Q3552-01	PP076362.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:49 AM	yogesh	11/7/2025 10:52:54	Peak Integrated by Software
Q3552-03	PP076364.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:51 AM	yogesh	11/7/2025 10:53:20	Peak Integrated by Software
Q3552-03	PP076364.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:51 AM	yogesh	11/7/2025 10:53:20	Peak Integrated by Software
Q3552-04	PP076365.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:56 AM	yogesh	11/7/2025 10:53:22	Peak Integrated by Software
Q3552-04	PP076365.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:56 AM	yogesh	11/7/2025 10:53:22	Peak Integrated by Software
Q3552-05	PP076366.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:42:58 AM	yogesh	11/7/2025 10:53:24	Peak Integrated by Software
Q3552-05	PP076366.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:42:58 AM	yogesh	11/7/2025 10:53:24	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

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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	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
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

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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
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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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_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_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:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
Q3552-02	**MW-8**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
Q3552-03	**MW-9**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
Q3552-04	**MW-10**	**WATER**			**11/05/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	
Q3552-05	**MW-3**	**WATER**			**11/04/25**			**11/05/25**
			PCB	8082A		11/06/25	11/06/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3552 **Order ID:** Q3552

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-4								
Q3552-01	MW-4	Water	Aluminum	37.4	J	5.67	50.0	ug/L
Q3552-01	MW-4	Water	Barium	1070		7.28	50.0	ug/L
Q3552-01	MW-4	Water	Beryllium	0.52	J	0.28	3.00	ug/L
Q3552-01	MW-4	Water	Calcium	104000		117	1000	ug/L
Q3552-01	MW-4	Water	Chromium	7.60		1.06	5.00	ug/L
Q3552-01	MW-4	Water	Cobalt	23.8		1.13	15.0	ug/L
Q3552-01	MW-4	Water	Iron	31400		11.7	50.0	ug/L
Q3552-01	MW-4	Water	Lead	3.77	J	1.15	6.00	ug/L
Q3552-01	MW-4	Water	Magnesium	69600		122	1000	ug/L
Q3552-01	MW-4	Water	Manganese	234		2.97	10.0	ug/L
Q3552-01	MW-4	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-01	MW-4	Water	Potassium	201000		459	1000	ug/L
Q3552-01	MW-4	Water	Sodium	578000		434	1000	ug/L
Q3552-01	MW-4	Water	Vanadium	9.16	J	3.13	20.0	ug/L
Q3552-01	MW-4	Water	Zinc	9.81	J	8.33	20.0	ug/L
Client ID : MW-8								
Q3552-02	MW-8	Water	Aluminum	25.1	J	5.67	50.0	ug/L
Q3552-02	MW-8	Water	Arsenic	7.00	J	2.56	10.0	ug/L
Q3552-02	MW-8	Water	Barium	390		7.28	50.0	ug/L
Q3552-02	MW-8	Water	Beryllium	3.46		0.28	3.00	ug/L
Q3552-02	MW-8	Water	Calcium	842000		117	1000	ug/L
Q3552-02	MW-8	Water	Cobalt	5.46	J	1.13	15.0	ug/L
Q3552-02	MW-8	Water	Iron	397000		11.7	50.0	ug/L
Q3552-02	MW-8	Water	Lead	22.6		1.15	6.00	ug/L
Q3552-02	MW-8	Water	Magnesium	317000		122	1000	ug/L
Q3552-02	MW-8	Water	Manganese	26100	D	29.7	100	ug/L
Q3552-02	MW-8	Water	Mercury	0.16	J	0.076	0.20	ug/L
Q3552-02	MW-8	Water	Nickel	10.7	J	1.53	20.0	ug/L
Q3552-02	MW-8	Water	Potassium	86200		459	1000	ug/L
Q3552-02	MW-8	Water	Silver	23.3		0.81	5.00	ug/L
Q3552-02	MW-8	Water	Sodium	3340000	D	4340	10000	ug/L
Client ID : MW-9								
Q3552-03	MW-9	Water	Aluminum	4880		5.67	50.0	ug/L
Q3552-03	MW-9	Water	Arsenic	8.72	J	2.56	10.0	ug/L
Q3552-03	MW-9	Water	Barium	364		7.28	50.0	ug/L
Q3552-03	MW-9	Water	Beryllium	1.12	J	0.28	3.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3552 **Order ID:** Q3552

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-03	MW-9	Water	Cadmium	20.5		0.25	3.00	ug/L
Q3552-03	MW-9	Water	Calcium	91000		117	1000	ug/L
Q3552-03	MW-9	Water	Chromium	16.9		1.06	5.00	ug/L
Q3552-03	MW-9	Water	Cobalt	9.71	J	1.13	15.0	ug/L
Q3552-03	MW-9	Water	Copper	998		2.30	10.0	ug/L
Q3552-03	MW-9	Water	Iron	39800		11.7	50.0	ug/L
Q3552-03	MW-9	Water	Lead	317		1.15	6.00	ug/L
Q3552-03	MW-9	Water	Magnesium	44200		122	1000	ug/L
Q3552-03	MW-9	Water	Manganese	249		2.97	10.0	ug/L
Q3552-03	MW-9	Water	Mercury	0.30		0.076	0.20	ug/L
Q3552-03	MW-9	Water	Nickel	93.1		1.53	20.0	ug/L
Q3552-03	MW-9	Water	Potassium	95300		459	1000	ug/L
Q3552-03	MW-9	Water	Silver	1.67	J	0.81	5.00	ug/L
Q3552-03	MW-9	Water	Sodium	205000		434	1000	ug/L
Q3552-03	MW-9	Water	Vanadium	26.1		3.13	20.0	ug/L
Q3552-03	MW-9	Water	Zinc	593		8.33	20.0	ug/L
Client ID :	**MW-10**							
Q3552-04	MW-10	Water	Aluminum	20.5	J	5.67	50.0	ug/L
Q3552-04	MW-10	Water	Arsenic	5.08	J	2.56	10.0	ug/L
Q3552-04	MW-10	Water	Barium	32.8	J	7.28	50.0	ug/L
Q3552-04	MW-10	Water	Beryllium	0.69	J	0.28	3.00	ug/L
Q3552-04	MW-10	Water	Calcium	358000		117	1000	ug/L
Q3552-04	MW-10	Water	Iron	52900		11.7	50.0	ug/L
Q3552-04	MW-10	Water	Lead	5.42	J	1.15	6.00	ug/L
Q3552-04	MW-10	Water	Magnesium	528000		122	1000	ug/L
Q3552-04	MW-10	Water	Manganese	1120		2.97	10.0	ug/L
Q3552-04	MW-10	Water	Nickel	3.43	J	1.53	20.0	ug/L
Q3552-04	MW-10	Water	Potassium	116000		459	1000	ug/L
Q3552-04	MW-10	Water	Silver	2.29	J	0.81	5.00	ug/L
Q3552-04	MW-10	Water	Sodium	4410000	D	4340	10000	ug/L
Client ID :	**MW-3**							
Q3552-05	MW-3	Water	Aluminum	19400		5.67	50.0	ug/L
Q3552-05	MW-3	Water	Arsenic	26.5		2.56	10.0	ug/L
Q3552-05	MW-3	Water	Barium	308		7.28	50.0	ug/L
Q3552-05	MW-3	Water	Beryllium	2.87	J	0.28	3.00	ug/L
Q3552-05	MW-3	Water	Cadmium	0.46	J	0.25	3.00	ug/L
Q3552-05	MW-3	Water	Calcium	128000		117	1000	ug/L
Q3552-05	MW-3	Water	Chromium	41.2		1.06	5.00	ug/L
Q3552-05	MW-3	Water	Cobalt	21.4		1.13	15.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3552 **Order ID:** Q3552

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3552-05	MW-3	Water	Copper	58.3		2.30	10.0	ug/L
Q3552-05	MW-3	Water	Iron	85300		11.7	50.0	ug/L
Q3552-05	MW-3	Water	Lead	101		1.15	6.00	ug/L
Q3552-05	MW-3	Water	Magnesium	49000		122	1000	ug/L
Q3552-05	MW-3	Water	Manganese	682		2.97	10.0	ug/L
Q3552-05	MW-3	Water	Mercury	0.081	J	0.076	0.20	ug/L
Q3552-05	MW-3	Water	Nickel	71.2		1.53	20.0	ug/L
Q3552-05	MW-3	Water	Potassium	72700		459	1000	ug/L
Q3552-05	MW-3	Water	Silver	3.66	J	0.81	5.00	ug/L
Q3552-05	MW-3	Water	Sodium	217000		434	1000	ug/L
Q3552-05	MW-3	Water	Vanadium	61.9		3.13	20.0	ug/L
Q3552-05	MW-3	Water	Zinc	511		8.33	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:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	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	37.4	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-39-3	Barium	1070		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-41-7	Beryllium	0.52	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-70-2	Calcium	104000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-47-3	Chromium	7.60		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-48-4	Cobalt	23.8		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-89-6	Iron	31400		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-92-1	Lead	3.77	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-95-4	Magnesium	69600		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-96-5	Manganese	234		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:32	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-09-7	Potassium	201000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-23-5	Sodium	578000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-62-2	Vanadium	9.16	J	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A
7440-66-6	Zinc	9.81	J	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:20	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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	25.1	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-38-2	Arsenic	7.00	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-39-3	Barium	390		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-41-7	Beryllium	3.46		1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-70-2	Calcium	842000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-48-4	Cobalt	5.46	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-89-6	Iron	397000		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-92-1	Lead	22.6		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-95-4	Magnesium	317000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7439-96-5	Manganese	26100	D	10	29.7	100	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7439-97-6	Mercury	0.16	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:48	7470A	M7470A
7440-02-0	Nickel	10.7	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-09-7	Potassium	86200		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-22-4	Silver	23.3		1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-23-5	Sodium	3340000	D	10	4340	10000	ug/L	11/06/25 10:55	11/11/25 15:37	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:25	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	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	4880		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-38-2	Arsenic	8.72	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-39-3	Barium	364		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-41-7	Beryllium	1.12	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-43-9	Cadmium	20.5		1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-70-2	Calcium	91000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-47-3	Chromium	16.9		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-48-4	Cobalt	9.71	J	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-50-8	Copper	998		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-89-6	Iron	39800		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-92-1	Lead	317		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-95-4	Magnesium	44200		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-96-5	Manganese	249		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7439-97-6	Mercury	0.30		1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:50	7470A	M7470A
7440-02-0	Nickel	93.1		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-09-7	Potassium	95300		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-22-4	Silver	1.67	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-23-5	Sodium	205000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-62-2	Vanadium	26.1		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A
7440-66-6	Zinc	593		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:29	6010D	M3010A

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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:	11/05/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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	20.5	J	1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-38-2	Arsenic	5.08	J	1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-39-3	Barium	32.8	J	1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-41-7	Beryllium	0.69	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-70-2	Calcium	358000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-89-6	Iron	52900		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-92-1	Lead	5.42	J	1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-95-4	Magnesium	528000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-96-5	Manganese	1120		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:53	7470A	M7470A
7440-02-0	Nickel	3.43	J	1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-09-7	Potassium	116000		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-22-4	Silver	2.29	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-23-5	Sodium	4410000	D	10	4340	10000	ug/L	11/06/25 10:55	11/10/25 14:42	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A
7440-66-6	Zinc	8.33	U	1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:33	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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	19400		1	5.67	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-38-2	Arsenic	26.5		1	2.56	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-39-3	Barium	308		1	7.28	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-41-7	Beryllium	2.87	J	1	0.28	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-43-9	Cadmium	0.46	J	1	0.25	3.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-70-2	Calcium	128000		1	117	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-47-3	Chromium	41.2		1	1.06	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-48-4	Cobalt	21.4		1	1.13	15.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-50-8	Copper	58.3		1	2.30	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-89-6	Iron	85300		1	11.7	50.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-92-1	Lead	101		1	1.15	6.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-95-4	Magnesium	49000		1	122	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-96-5	Manganese	682		1	2.97	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7439-97-6	Mercury	0.081	J	1	0.076	0.20	ug/L	11/06/25 09:40	11/06/25 14:55	7470A	M7470A
7440-02-0	Nickel	71.2		1	1.53	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-09-7	Potassium	72700		1	459	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-22-4	Silver	3.66	J	1	0.81	5.00	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-23-5	Sodium	217000		1	434	1000	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-62-2	Vanadium	61.9		1	3.13	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A
7440-66-6	Zinc	511		1	8.33	20.0	ug/L	11/06/25 10:55	11/07/25 15:59	6010D	M3010A

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	13:05	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:05	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:05	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:05	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:05	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:05	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:05	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:05	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:05	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:05	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:05	LB137858

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	13:51	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	13:51	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	13:51	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	13:51	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	13:51	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	13:51	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	13:51	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	13:51	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	13:51	LB137858
	Thallium	5.20	+/-20	J	40.0	P	11/11/2025	13:51	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	13:51	LB137858
CCB02	Aluminum	11.3	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	14:44	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	14:44	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	14:44	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	14:44	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	14:44	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	14:44	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	14:44	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	14:44	LB137858

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	14:44	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	14:44	LB137858
	Thallium	6.05	+/-20	J	40.0	P	11/11/2025	14:44	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	14:44	LB137858
CCB03	Aluminum	24.0	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	15:33	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	15:33	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	15:33	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	15:33	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Iron	32.8	+/-50	J	100	P	11/11/2025	15:33	LB137858
	Lead	2.44	+/-6	J	12.0	P	11/11/2025	15:33	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	15:33	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	15:33	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	15:33	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	15:33	LB137858
CCB04	Aluminum	38.0	+/-50	J	100	P	11/11/2025	16:43	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	16:43	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	16:43	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	16:43	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	16:43	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	16:43	LB137858

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	16:43	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	16:43	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	16:43	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	16:43	LB137858
	Thallium	5.31	+/-20	J	40.0	P	11/11/2025	16:43	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	16:43	LB137858
CCB05	Aluminum	12.0	+/-50	J	100	P	11/11/2025	17:34	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	17:34	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	17:34	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Chromium	2.12	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	17:34	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	17:34	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	17:34	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	17:34	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	17:34	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	17:34	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	17:34	LB137858
CCB06	Aluminum	11.3	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Antimony	6.76	+/-25	U	50.0	P	11/11/2025	18:24	LB137858
	Arsenic	5.12	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Barium	14.6	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Beryllium	0.56	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Cadmium	0.50	+/-3	U	6.00	P	11/11/2025	18:24	LB137858
	Calcium	234	+/-1000	U	2000	P	11/11/2025	18:24	LB137858

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	18:24	LB137858
	Cobalt	2.26	+/-15	U	30.0	P	11/11/2025	18:24	LB137858
	Copper	4.60	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Iron	23.4	+/-50	U	100	P	11/11/2025	18:24	LB137858
	Lead	2.30	+/-6	U	12.0	P	11/11/2025	18:24	LB137858
	Magnesium	244	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Manganese	5.94	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Nickel	3.06	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Potassium	918	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Selenium	9.64	+/-10	U	20.0	P	11/11/2025	18:24	LB137858
	Silver	1.62	+/-5	U	10.0	P	11/11/2025	18:24	LB137858
	Sodium	868	+/-1000	U	2000	P	11/11/2025	18:24	LB137858
	Thallium	4.38	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Vanadium	6.26	+/-20	U	40.0	P	11/11/2025	18:24	LB137858
	Zinc	16.7	+/-20	U	40.0	P	11/11/2025	18:24	LB137858

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
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
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Instrument: P4

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
	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.:** Q3552

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.:** Q3552

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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.:** Q3552

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

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	7910	8000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Antimony	4070	4000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Arsenic	3880	4000	97	90 - 110	P	11/11/2025	12:33	LB137858
	Barium	7860	8000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Beryllium	207	200	103	90 - 110	P	11/11/2025	12:33	LB137858
	Cadmium	1900	2000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Calcium	19600	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Chromium	814	800	102	90 - 110	P	11/11/2025	12:33	LB137858
	Cobalt	1960	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Copper	1020	1000	102	90 - 110	P	11/11/2025	12:33	LB137858
	Iron	3930	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Lead	3750	4000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Magnesium	19700	20000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Manganese	1970	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Nickel	1950	2000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Potassium	18600	20000	93	90 - 110	P	11/11/2025	12:33	LB137858
	Selenium	3910	4000	98	90 - 110	P	11/11/2025	12:33	LB137858
	Silver	949	1000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Sodium	18800	20000	94	90 - 110	P	11/11/2025	12:33	LB137858
	Thallium	3810	4000	95	90 - 110	P	11/11/2025	12:33	LB137858
	Vanadium	1980	2000	99	90 - 110	P	11/11/2025	12:33	LB137858
	Zinc	2020	2000	101	90 - 110	P	11/11/2025	12:33	LB137858

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	81.0	100	81	80 - 120	P	11/11/2025	13:01	LB137858
	Antimony	53.7	50.0	107	80 - 120	P	11/11/2025	13:01	LB137858
	Arsenic	22.8	20.0	114	80 - 120	P	11/11/2025	13:01	LB137858
	Barium	108	100	108	80 - 120	P	11/11/2025	13:01	LB137858
	Beryllium	6.80	6.0	113	80 - 120	P	11/11/2025	13:01	LB137858
	Cadmium	6.03	6.0	100	80 - 120	P	11/11/2025	13:01	LB137858
	Calcium	2150	2000	108	80 - 120	P	11/11/2025	13:01	LB137858
	Chromium	10.9	10.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Cobalt	31.1	30.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Copper	23.1	20.0	116	80 - 120	P	11/11/2025	13:01	LB137858
	Iron	106	100	106	80 - 120	P	11/11/2025	13:01	LB137858
	Lead	12.3	12.0	102	80 - 120	P	11/11/2025	13:01	LB137858
	Magnesium	2260	2000	113	80 - 120	P	11/11/2025	13:01	LB137858
	Manganese	20.9	20.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Nickel	41.5	40.0	104	80 - 120	P	11/11/2025	13:01	LB137858
	Potassium	1650	2000	82	80 - 120	P	11/11/2025	13:01	LB137858
	Selenium	18.5	20.0	93	80 - 120	P	11/11/2025	13:01	LB137858
	Silver	9.54	10.0	95	80 - 120	P	11/11/2025	13:01	LB137858
	Sodium	1710	2000	86	80 - 120	P	11/11/2025	13:01	LB137858
	Thallium	43.7	40.0	109	80 - 120	P	11/11/2025	13:01	LB137858
	Vanadium	34.3	40.0	86	80 - 120	P	11/11/2025	13:01	LB137858
	Zinc	44.1	40.0	110	80 - 120	P	11/11/2025	13:01	LB137858

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	11/11/2025	13:47	LB137858
	Antimony	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Arsenic	5020	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Barium	9900	10000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Cadmium	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Calcium	24900	25000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Chromium	1020	1000	102	90 - 110	P	11/11/2025	13:47	LB137858
	Cobalt	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Copper	1270	1250	102	90 - 110	P	11/11/2025	13:47	LB137858
	Iron	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Lead	4950	5000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Magnesium	24700	25000	99	90 - 110	P	11/11/2025	13:47	LB137858
	Manganese	2470	2500	99	90 - 110	P	11/11/2025	13:47	LB137858
	Nickel	2490	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Potassium	24300	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Selenium	5000	5000	100	90 - 110	P	11/11/2025	13:47	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	13:47	LB137858
	Sodium	24200	25000	97	90 - 110	P	11/11/2025	13:47	LB137858
	Thallium	4910	5000	98	90 - 110	P	11/11/2025	13:47	LB137858
	Vanadium	2500	2500	100	90 - 110	P	11/11/2025	13:47	LB137858
	Zinc	2550	2500	102	90 - 110	P	11/11/2025	13:47	LB137858
CCV02	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Arsenic	4980	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Barium	9880	10000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Beryllium	254	250	102	90 - 110	P	11/11/2025	14:40	LB137858
	Cadmium	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Calcium	25100	25000	101	90 - 110	P	11/11/2025	14:40	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Copper	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Iron	4960	5000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Lead	4920	5000	98	90 - 110	P	11/11/2025	14:40	LB137858

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	24800	25000	99	90 - 110	P	11/11/2025	14:40	LB137858
	Manganese	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Nickel	2470	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Potassium	23700	25000	95	90 - 110	P	11/11/2025	14:40	LB137858
	Selenium	4990	5000	100	90 - 110	P	11/11/2025	14:40	LB137858
	Silver	1250	1250	100	90 - 110	P	11/11/2025	14:40	LB137858
	Sodium	24100	25000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Thallium	4810	5000	96	90 - 110	P	11/11/2025	14:40	LB137858
	Vanadium	2480	2500	99	90 - 110	P	11/11/2025	14:40	LB137858
	Zinc	2510	2500	100	90 - 110	P	11/11/2025	14:40	LB137858
CCV03	Aluminum	10000	10000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Antimony	4990	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Arsenic	4970	5000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	15:29	LB137858
	Beryllium	253	250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Cadmium	2450	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Calcium	25000	25000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Chromium	1000	1000	100	90 - 110	P	11/11/2025	15:29	LB137858
	Cobalt	2470	2500	99	90 - 110	P	11/11/2025	15:29	LB137858
	Copper	1260	1250	100	90 - 110	P	11/11/2025	15:29	LB137858
	Iron	5160	5000	103	90 - 110	P	11/11/2025	15:29	LB137858
	Lead	4880	5000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Magnesium	24600	25000	98	90 - 110	P	11/11/2025	15:29	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
	Nickel	2460	2500	98	90 - 110	P	11/11/2025	15:29	LB137858
	Potassium	24100	25000	96	90 - 110	P	11/11/2025	15:29	LB137858
	Selenium	4960	5000	99	90 - 110	P	11/11/2025	15:29	LB137858
	Silver	1260	1250	101	90 - 110	P	11/11/2025	15:29	LB137858
	Sodium	24300	25000	97	90 - 110	P	11/11/2025	15:29	LB137858
	Thallium	4740	5000	95	90 - 110	P	11/11/2025	15:29	LB137858
	Vanadium	2490	2500	100	90 - 110	P	11/11/2025	15:29	LB137858
	Zinc	2520	2500	101	90 - 110	P	11/11/2025	15:29	LB137858
CCV04	Aluminum	10300	10000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Antimony	5140	5000	103	90 - 110	P	11/11/2025	16:39	LB137858

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	5130	5000	103	90 - 110	P	11/11/2025	16:39	LB137858
	Barium	10400	10000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Beryllium	261	250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Cadmium	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Chromium	1030	1000	104	90 - 110	P	11/11/2025	16:39	LB137858
	Cobalt	2520	2500	101	90 - 110	P	11/11/2025	16:39	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	16:39	LB137858
	Iron	5240	5000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Lead	4980	5000	100	90 - 110	P	11/11/2025	16:39	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Manganese	2580	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Nickel	2510	2500	100	90 - 110	P	11/11/2025	16:39	LB137858
	Potassium	25400	25000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Selenium	5110	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Silver	1310	1250	105	90 - 110	P	11/11/2025	16:39	LB137858
	Sodium	26200	25000	105	90 - 110	P	11/11/2025	16:39	LB137858
	Thallium	5090	5000	102	90 - 110	P	11/11/2025	16:39	LB137858
	Vanadium	2560	2500	103	90 - 110	P	11/11/2025	16:39	LB137858
	Zinc	2640	2500	106	90 - 110	P	11/11/2025	16:39	LB137858
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Antimony	5160	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Arsenic	5170	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Barium	10300	10000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Beryllium	260	250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cadmium	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Calcium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Chromium	1040	1000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Cobalt	2550	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Copper	1290	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	17:30	LB137858
	Lead	5040	5000	101	90 - 110	P	11/11/2025	17:30	LB137858
	Magnesium	25600	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Manganese	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	2540	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Potassium	25100	25000	100	90 - 110	P	11/11/2025	17:30	LB137858
	Selenium	5150	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	17:30	LB137858
	Sodium	25500	25000	102	90 - 110	P	11/11/2025	17:30	LB137858
	Thallium	5170	5000	103	90 - 110	P	11/11/2025	17:30	LB137858
	Vanadium	2560	2500	102	90 - 110	P	11/11/2025	17:30	LB137858
	Zinc	2630	2500	105	90 - 110	P	11/11/2025	17:30	LB137858
CCV06	Aluminum	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Antimony	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Arsenic	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Barium	10100	10000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Beryllium	257	250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Cadmium	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Calcium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Chromium	1050	1000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Cobalt	2540	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Copper	1290	1250	103	90 - 110	P	11/11/2025	18:20	LB137858
	Iron	5220	5000	104	90 - 110	P	11/11/2025	18:20	LB137858
	Lead	4990	5000	100	90 - 110	P	11/11/2025	18:20	LB137858
	Magnesium	25400	25000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Manganese	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Nickel	2520	2500	101	90 - 110	P	11/11/2025	18:20	LB137858
	Potassium	25200	25000	101	90 - 110	P	11/11/2025	18:20	LB137858
	Selenium	5100	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Silver	1300	1250	104	90 - 110	P	11/11/2025	18:20	LB137858
	Sodium	24800	25000	99	90 - 110	P	11/11/2025	18:20	LB137858
	Thallium	5120	5000	102	90 - 110	P	11/11/2025	18:20	LB137858
	Vanadium	2550	2500	102	90 - 110	P	11/11/2025	18:20	LB137858
	Zinc	2650	2500	106	90 - 110	P	11/11/2025	18:20	LB137858

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
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
	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

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	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
CRI01	Aluminum	110	100	110	65 - 135	P	11/11/2025	13:19	LB137858
	Antimony	50.9	50.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Arsenic	20.5	20.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Barium	102	100	102	65 - 135	P	11/11/2025	13:19	LB137858
	Beryllium	6.76	6.0	113	65 - 135	P	11/11/2025	13:19	LB137858
	Cadmium	6.04	6.0	101	65 - 135	P	11/11/2025	13:19	LB137858
	Calcium	2140	2000	107	65 - 135	P	11/11/2025	13:19	LB137858
	Chromium	11.1	10.0	111	65 - 135	P	11/11/2025	13:19	LB137858
	Cobalt	30.4	30.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Copper	21.9	20.0	109	65 - 135	P	11/11/2025	13:19	LB137858
	Iron	86.7	100	87	65 - 135	P	11/11/2025	13:19	LB137858
	Lead	11.5	12.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Magnesium	2190	2000	110	65 - 135	P	11/11/2025	13:19	LB137858
	Manganese	22.0	20.0	110	65 - 135	P	11/11/2025	13:19	LB137858
	Nickel	40.9	40.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Potassium	1650	2000	83	65 - 135	P	11/11/2025	13:19	LB137858
	Selenium	19.0	20.0	95	65 - 135	P	11/11/2025	13:19	LB137858
	Silver	10.2	10.0	102	65 - 135	P	11/11/2025	13:19	LB137858
	Sodium	1680	2000	84	65 - 135	P	11/11/2025	13:19	LB137858
	Thallium	41.6	40.0	104	65 - 135	P	11/11/2025	13:19	LB137858
	Vanadium	38.3	40.0	96	65 - 135	P	11/11/2025	13:19	LB137858
	Zinc	44.5	40.0	111	65 - 135	P	11/11/2025	13:19	LB137858

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	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
	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

Alliance TECHNICAL GROUP
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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	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
	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

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	-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
ICSA01	Aluminum	252000	255000	99	216000	294000	11/11/2025	13:23	LB137858
	Antimony	1.57			-50	50	11/11/2025	13:23	LB137858
	Arsenic	10.4			-20	20	11/11/2025	13:23	LB137858
	Barium	13.9	6.0	232	-94	106	11/11/2025	13:23	LB137858
	Beryllium	1.48			-6	6	11/11/2025	13:23	LB137858
	Cadmium	-0.14	1.0	14	-5	7	11/11/2025	13:23	LB137858
	Calcium	243000	245000	99	208000	282000	11/11/2025	13:23	LB137858
	Chromium	53.7	52.0	103	42	62	11/11/2025	13:23	LB137858
	Cobalt	1.31			-30	30	11/11/2025	13:23	LB137858
	Copper	8.20	2.0	410	-18	22	11/11/2025	13:23	LB137858
	Iron	107000	101000	106	85600	116500	11/11/2025	13:23	LB137858
	Lead	-5.28			-12	12	11/11/2025	13:23	LB137858
	Magnesium	254000	255000	100	216000	294000	11/11/2025	13:23	LB137858
	Manganese	9.63	7.0	138	-13	27	11/11/2025	13:23	LB137858
	Nickel	6.69	2.0	334	-38	42	11/11/2025	13:23	LB137858
	Potassium	-84.2			0	0	11/11/2025	13:23	LB137858
	Selenium	-0.86			-20	20	11/11/2025	13:23	LB137858
	Silver	3.20			-10	10	11/11/2025	13:23	LB137858
	Sodium	-277			0	0	11/11/2025	13:23	LB137858
	Thallium	9.52			-40	40	11/11/2025	13:23	LB137858
	Vanadium	-7.20			-40	40	11/11/2025	13:23	LB137858
	Zinc	2.55			-40	40	11/11/2025	13:23	LB137858
ICSAB01	Aluminum	251000	247000	102	209000	285000	11/11/2025	13:27	LB137858
	Antimony	632	618	102	525	711	11/11/2025	13:27	LB137858
	Arsenic	111	104	107	88.4	120	11/11/2025	13:27	LB137858
	Barium	503	537	94	437	637	11/11/2025	13:27	LB137858
	Beryllium	525	495	106	420	570	11/11/2025	13:27	LB137858
	Cadmium	1030	972	106	826	1120	11/11/2025	13:27	LB137858
	Calcium	241000	235000	103	199000	271000	11/11/2025	13:27	LB137858
	Chromium	605	542	112	460	624	11/11/2025	13:27	LB137858
	Cobalt	520	476	109	404	548	11/11/2025	13:27	LB137858
	Copper	508	511	99	434	588	11/11/2025	13:27	LB137858
	Iron	107000	99300	108	84400	114500	11/11/2025	13:27	LB137858
	Lead	47.7	49.0	97	37	61	11/11/2025	13:27	LB137858
	Magnesium	253000	248000	102	210000	286000	11/11/2025	13:27	LB137858
	Manganese	505	507	100	430	584	11/11/2025	13:27	LB137858
	Nickel	1040	954	109	810	1100	11/11/2025	13:27	LB137858
	Potassium	-406			0	0	11/11/2025	13:27	LB137858

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	56.6	46.0	123	26	66	11/11/2025	13:27	LB137858
	Silver	214	201	106	170	232	11/11/2025	13:27	LB137858
	Sodium	-463			0	0	11/11/2025	13:27	LB137858
	Thallium	103	108	95	68	148	11/11/2025	13:27	LB137858
	Vanadium	496	491	101	417	565	11/11/2025	13:27	LB137858
	Zinc	1080	952	113	809	1095	11/11/2025	13:27	LB137858

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3552

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
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3552

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
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3552

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
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3552

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
- 5b -

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Contract: REMI02 **Lab Code:** ACE

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552

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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552

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

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552

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

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3552

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.:** Q3552

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.:** Q3552

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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Metals

-9 -

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.:** Q3552

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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Metals

-9 -

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.:** Q3552

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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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3552

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
Q3552-01	MW-4	1	1432	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
Q3552-02	MW-8	1	1448	HG
Q3552-03	MW-9	1	1450	HG
Q3552-04	MW-10	1	1453	HG
Q3552-05	MW-3	1	1455	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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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3552

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
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
Q3552-01	MW-4	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	1	1525	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-03	MW-9	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-04	MW-10	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,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
Q3552-05	MW-3	1	1559	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	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
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3552

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
Q3552-04	MW-10	10	1442	Na
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

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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3552

Instrument id number: **Method:** **Run number:** LB137858

Start date: 11/11/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1147	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	1152	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	1156	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	1200	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	1204	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	1208	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	1233	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	1301	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	1305	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	1319	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	1323	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	1327	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	1347	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	1351	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	1440	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	1444	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	1529	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	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3552-02	MW-8	10	1537	Mn,Na
CCV04	CCV04	1	1639	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	1643	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	1730	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	1734	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	1820	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	1824	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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**Water**			**11/04/25**			**11/05/25**
			Mercury	7470A		11/06/25	11/06/25	
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-02	**MW-8**	**Water**			**11/04/25**			**11/05/25**
			Mercury	7470A		11/06/25	11/06/25	
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/11/25	
Q3552-03	**MW-9**	**Water**			**11/04/25**			**11/05/25**
			Mercury	7470A		11/06/25	11/06/25	
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
Q3552-04	**MW-10**	**Water**			**11/05/25**			**11/05/25**
			Mercury	7470A		11/06/25	11/06/25	
			Metals ICP-TAL	6010D		11/06/25	11/07/25	
			Metals ICP-TAL	6010D		11/06/25	11/10/25	
Q3552-05	**MW-3**	**Water**			**11/04/25**			**11/05/25**
			Mercury	7470A		11/06/25	11/06/25	
			Metals ICP-TAL	6010D		11/06/25	11/07/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	
Q3552-01	MW-4	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	
Q3552-02	MW-8	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-04	MW-10	SAM	WATER	11/06/2025	30.0	30.0	
Q3552-05	MW-3	SAM	WATER	11/06/2025	30.0	30.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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	
Q3552-01	MW-4	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-02	MW-8	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-03	MW-9	SAM	WATER	11/06/2025	50.0	25.0	
Q3552-04	MW-10	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	
Q3552-05	MW-3	SAM	WATER	11/06/2025	50.0	25.0	

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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

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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

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 # 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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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

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	12/12/2025 10:25:25 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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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	11/12/2025 10:25:25 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

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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	11/12/2025 10:25:25 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	11/12/2025 10:25:25 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	11/12/2025 10:25:25 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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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	11/12/2025 10:25:25 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	11/12/2025 10:25:25 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	11/12/2025 10:25:25 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

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	11/11/25 11:47		Jaswal	OK
2	S1	S1	CAL2	11/11/25 11:52		Jaswal	OK
3	S2	S2	CAL3	11/11/25 11:56		Jaswal	OK
4	S3	S3	CAL4	11/11/25 12:00		Jaswal	OK
5	S4	S4	CAL5	11/11/25 12:04		Jaswal	OK
6	S5	S5	CAL6	11/11/25 12:08		Jaswal	OK
7	ICV01	ICV01	ICV	11/11/25 12:33		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/11/25 13:01		Jaswal	OK
9	ICB01	ICB01	ICB	11/11/25 13:05		Jaswal	OK
10	CRI01	CRI01	CRDL	11/11/25 13:19		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/11/25 13:23		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/11/25 13:27		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/11/25 13:31		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/11/25 13:42		Jaswal	OK
15	CCV01	CCV01	CCV	11/11/25 13:47		Jaswal	OK
16	CCB01	CCB01	CCB	11/11/25 13:51		Jaswal	OK
17	PB170480BL	PB170480BL	MB	11/11/25 13:58		Jaswal	OK
18	PB170480BS	PB170480BS	LCS	11/11/25 14:02		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	Q3592-01	11625	SAM	11/11/25 14:07		Jaswal	OK
20	Q3597-01	TP-1	SAM	11/11/25 14:12		Jaswal	OK
21	Q3597-04	TP-2	SAM	11/11/25 14:16		Jaswal	OK
22	Q3597-07	TP-3	SAM	11/11/25 14:20		Jaswal	OK
23	Q3597-10	TP-4	SAM	11/11/25 14:24		Jaswal	OK
24	Q3598-01	EO-CONCRETE	SAM	11/11/25 14:28		Jaswal	OK
25	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 14:32	Ca High	Jaswal	Dilution
26	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 14:36		Jaswal	OK
27	CCV02	CCV02	CCV	11/11/25 14:40		Jaswal	OK
28	CCB02	CCB02	CCB	11/11/25 14:44		Jaswal	OK
29	Q3601-01	TP-1	SAM	11/11/25 14:49		Jaswal	OK
30	Q3601-05	TP-2	SAM	11/11/25 14:53		Jaswal	OK
31	Q3601-09	TP-3	SAM	11/11/25 14:57		Jaswal	OK
32	Q3601-13	TP-4	SAM	11/11/25 15:01		Jaswal	OK
33	Q3601-17	TP-5	SAM	11/11/25 15:05		Jaswal	OK
34	Q3601-17DUP	TP-5DUP	DUP	11/11/25 15:09		Jaswal	OK
35	Q3601-17L	TP-5L	SD	11/11/25 15:13		Jaswal	OK
36	Q3601-17MS	TP-5MS	MS	11/11/25 15:17		Jaswal	OK
37	Q3601-17MSD	TP-5MSD	MSD	11/11/25 15:21		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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	Q3601-17A	TP-5A	PS	11/11/25 15:25	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
39	CCV03	CCV03	CCV	11/11/25 15:29		Jaswal	OK
40	CCB03	CCB03	CCB	11/11/25 15:33		Jaswal	OK
41	Q3552-02DL	MW-8DL	SAM	11/11/25 15:37	10x for Mn,Na	Jaswal	Confirms
42	Q3599-01DL	LIVINGSTON-SOILDL	SAM	11/11/25 15:41	10x for Ca	Jaswal	Confirms
43	PB170488BL	PB170488BL	MB	11/11/25 16:05		Jaswal	OK
44	PB170488BS	PB170488BS	LCS	11/11/25 16:09		Jaswal	OK
45	PB170462TB	PB170462TB	MB	11/11/25 16:13		Jaswal	OK
46	Q3496-06	DRILL-CUTTINGS	SAM	11/11/25 16:18		Jaswal	OK
47	Q3577-04	WC-1A	SAM	11/11/25 16:22		Jaswal	OK
48	Q3581-02	VNJ-238	SAM	11/11/25 16:26		Jaswal	OK
49	Q3581-04	VNJ-245	SAM	11/11/25 16:30		Jaswal	OK
50	Q3581-06	VNJ-240	SAM	11/11/25 16:35		Jaswal	OK
51	CCV04	CCV04	CCV	11/11/25 16:39		Jaswal	OK
52	CCB04	CCB04	CCB	11/11/25 16:43		Jaswal	OK
53	Q3581-08	RBR200059	SAM	11/11/25 16:47		Jaswal	OK
54	Q3590-01	MOO-25-0314-0316-C	SAM	11/11/25 16:51		Jaswal	OK
55	Q3590-03	MOO-25-0317-0318-C	SAM	11/11/25 16:56		Jaswal	OK
56	Q3590-05	MOO-25-0319	SAM	11/11/25 17:00		Jaswal	OK
57	Q3593-04	A-LAW-25-0167-0175	SAM	11/11/25 17:04		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137858

Review By	jaswal	Review On	11/12/2025 11:53:33 AM
Supervise By	mohan	Supervise On	11/12/2025 12:13:25 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

58	Q3593-06	B-LAW-25-0167-0175	SAM	11/11/25 17:08		Jaswal	OK
59	Q3593-08	C-LAW-25-0156-0166	SAM	11/11/25 17:13		Jaswal	OK
60	Q3593-10	D-LAW-25-0156-0166	SAM	11/11/25 17:17		Jaswal	OK
61	Q3598-02	EO-CONCRETE	SAM	11/11/25 17:21		Jaswal	OK
62	Q3599-02	LIVINGSTON-SOIL	SAM	11/11/25 17:25		Jaswal	OK
63	CCV05	CCV05	CCV	11/11/25 17:30		Jaswal	OK
64	CCB05	CCB05	CCB	11/11/25 17:34		Jaswal	OK
65	Q3601-04	TP-1	SAM	11/11/25 17:38		Jaswal	OK
66	Q3601-08	TP-2	SAM	11/11/25 17:42		Jaswal	OK
67	Q3601-12	TP-3	SAM	11/11/25 17:46		Jaswal	OK
68	Q3601-16	TP-4	SAM	11/11/25 17:51		Jaswal	OK
69	Q3601-20	TP-5	SAM	11/11/25 17:55		Jaswal	OK
70	Q3601-20DUP	TP-5DUP	DUP	11/11/25 17:59		Jaswal	OK
71	Q3601-20L	TP-5L	SD	11/11/25 18:03		Jaswal	OK
72	Q3601-20MS	TP-5MS	MS	11/11/25 18:08		Jaswal	OK
73	Q3601-20MSD	TP-5MSD	MSD	11/11/25 18:12		Jaswal	OK
74	Q3601-20A	TP-5A	PS	11/11/25 18:16	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
75	CCV06	CCV06	CCV	11/11/25 18:20		Jaswal	OK
76	CCB06	CCB06	CCB	11/11/25 18:24		Jaswal	OK

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 13:40
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4	SDG No.:	Q3552
Lab Sample ID:	Q3552-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.11	J	1	0.074	0.60	mg/L		11/05/25 15:47	300.0
Nitrate	0.12	J	1	0.095	0.50	mg/L		11/05/25 15:47	300.0
Nitrate+Nitrite	0.23	J	1	0.17	1.10	mg/L		11/05/25 15:47	300.0
BOD5	115		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	387	D	5	7.50	50.0	mg/L		11/14/25 14:03	SM 5220 D-11
Cyanide	6.20		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		11/05/25 17:08	7196A
Oil and Grease	1.80	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.83	H	1	0	0	pH		11/06/25 08:35	9040C
TDS	2540		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	32.8	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:43	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.7 °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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 13:40
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-4DL	SDG No.:	Q3552
Lab Sample ID:	Q3552-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	158	D	20	2.20	10.0	mg/L	11/11/25 08:10	11/12/25 12:15	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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 13:45
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-8	SDG No.:	Q3552
Lab Sample ID:	Q3552-02	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		11/05/25 16:08	300.0
Nitrate	0.11	J	1	0.095	0.50	mg/L		11/05/25 16:08	300.0
Nitrate+Nitrite	0.11	U	1	0.17	1.10	mg/L		11/05/25 16:08	300.0
BOD5	7.18		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	133		1	1.50	10.0	mg/L		11/14/25 14:03	SM 5220 D-11
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 17:09	7196A
Oil and Grease	0.90	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	5.66	H	1	0	0	pH		11/06/25 08:45	9040C
TDS	13700		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	13.2	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:43	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.2 °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,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 13:45
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-8DL	SDG No.:	Q3552
Lab Sample ID:	Q3552-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	13.1	D	2	0.22	1.00	mg/L	11/11/25 08:10	11/12/25 12:15	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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 16:00
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-9	SDG No.:	Q3552
Lab Sample ID:	Q3552-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.18	J	1	0.074	0.60	mg/L		11/05/25 16:30	300.0
Nitrate	3.90		1	0.095	0.50	mg/L		11/05/25 16:30	300.0
Nitrate+Nitrite	4.08		1	0.17	1.10	mg/L		11/05/25 16:30	300.0
BOD5	397		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	215	D	5	7.50	50.0	mg/L		11/14/25 14:04	SM 5220 D-11
Cyanide	0.80		1	0.047	0.25	mg/L	11/07/25 10:15	11/07/25 15:56	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/05/25 17:09	7196A
Oil and Grease	1.10	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.87	H	1	0	0	pH		11/06/25 08:50	9040C
TDS	870		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	33.6	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:43	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.7 °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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 16:00
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-9DL	SDG No.:	Q3552
Lab Sample ID:	Q3552-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	85.3	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 12:15	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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25 12:00
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-10	SDG No.:	Q3552
Lab Sample ID:	Q3552-04	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		11/05/25 16:51	300.0
Nitrate	0.10	J	1	0.095	0.50	mg/L		11/05/25 16:51	300.0
Nitrate+Nitrite	0.10	U	1	0.17	1.10	mg/L		11/05/25 16:51	300.0
BOD5	27.4		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	205	D	5	7.50	50.0	mg/L		11/14/25 14:04	SM 5220 D-11
Cyanide	0.047	U	1	0.047	0.25	mg/L	11/07/25 10:15	11/07/25 15:56	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/05/25 17:10	7196A
Oil and Grease	0.30	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.35	H	1	0	0	pH		11/06/25 09:00	9040C
TDS	15500		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	2.90		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:43	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.7 °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
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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 16:15
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-3	SDG No.:	Q3552
Lab Sample ID:	Q3552-05	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		11/05/25 17:56	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		11/05/25 17:56	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		11/05/25 17:56	300.0
BOD5	367		1	0.20	2.00	mg/L		11/06/25 13:00	SM 5210 B-16
COD	246	D	5	7.50	50.0	mg/L		11/14/25 14:05	SM 5220 D-11
Cyanide	0.059	J	1	0.046	0.24	mg/L	11/07/25 10:15	11/07/25 15:56	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/05/25 17:13	7196A
Oil and Grease	4.90	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	6.80	H	1	0	0	pH		11/06/25 09:10	9040C
TDS	1410		1	1.00	10.0	mg/L		11/06/25 11:30	SM 2540 C-20
TKN	31.0	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 11:54	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.2 °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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25 16:15
Project:	Edison Landfill	Date Received:	11/05/25
Client Sample ID:	MW-3DL	SDG No.:	Q3552
Lab Sample ID:	Q3552-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	66.6	D	10	1.10	5.00	mg/L	11/11/25 08:10	11/12/25 12:26	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

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137789

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	11/05/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.504	0.5	101	90-110	11/05/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/05/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.501	0.5	100	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3552
Project:	Edison Landfill	**RunNo.:**	LB137792

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.01	7	100	90-110	11/06/2025
Sample ID: **CCV1**						
pH	pH	2.02	2.00	101	90-110	11/06/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	11/06/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137815

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	10.1	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
Orthophosphate as P	mg/L	5.1	5	102	90-110	11/05/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	11/05/2025
Chloride	mg/L	3.1	3	103	90-110	11/05/2025
Fluoride	mg/L	2	2	100	90-110	11/05/2025
Nitrite	mg/L	3.1	3	103	90-110	11/05/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/05/2025
Sulfate	mg/L	15.2	15	101	90-110	11/05/2025
Orthophosphate as P	mg/L	5	5	100	90-110	11/05/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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 Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137870

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV1						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV2						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV3						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV4						
TKN		mg/L	5.1	5	102	90-110	11/12/2025
Sample ID:	CCV5						
TKN		mg/L	5	5	100	90-110	11/12/2025
Sample ID:	CCV6						
TKN		mg/L	5.2	5	104	90-110	11/12/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137904

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	11/14/2025
Sample ID: **CCV2**						
COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: **CCV3**						
COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: **CCV4**						
COD	mg/L	49.161	50	98	95-105	11/14/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137789

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
Sample ID: CCB3							
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.:** Q3552

Project: Edison Landfill **RunNo.:** LB137815

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	11/05/2025
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: CCB2							
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.:** Q3552

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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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137870

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	11/12/2025
Sample ID:	CCB1							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB2							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB3							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB4							
TKN		mg/L	0.16	0.2500	J	0.11	0.5	11/12/2025
Sample ID:	CCB5							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID:	CCB6							
TKN		mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **RunNo.:** LB137904

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	11/14/2025
Sample ID:	CCB2							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID:	CCB3							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID:	CCB4							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025

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Preparation Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137789BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/05/2025
Sample ID: LB137805BL							
TDS	mg/L	1	5.0000	J	1.0	10	11/06/2025
Sample ID: LB137814BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/07/2025
Sample ID: LB137815BLW							
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: LB137856BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/06/2025
Sample ID: LB137904BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/14/2025
Sample ID: PB170441BL							
Cyanide	mg/L	< 0.1250	0.1250	U	0.048	0.25	11/07/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
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.: Q3552
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.: Q3552
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.: Q3552
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.: Q3552
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.: Q3552
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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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MS
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	37.5	OR	28.4	OR	10	1	91		11/05/2025
Hexavalent Chromium	mg/L	90-111	0.94		0.0030	U	1.0	2	94		11/05/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/05/2025
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025
Fluoride	mg/L	80-120	2.10		0.22	J	2	1	94		11/05/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		11/05/2025
Nitrate	mg/L	80-120	2.50		0.10	J	2.5	1	96		11/05/2025
Sulfate	mg/L	80-120	1210	OR	1250	OR	15	1	-267	*	11/05/2025
Orthophosphate as P	mg/L	80-120	1.30		0.34	U	5	1	26	*	11/05/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MSD
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	37.2	OR	28.4	OR	10	1	88		11/05/2025
Hexavalent Chromium	mg/L	90-111	0.95		0.0030	U	1.0	2	95		11/05/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/05/2025
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025
Fluoride	mg/L	80-120	2.10		0.22	J	2	1	94		11/05/2025
Nitrite	mg/L	80-120	2.80		0.074	U	3	1	93		11/05/2025
Nitrate	mg/L	80-120	2.40		0.10	J	2.5	1	92		11/05/2025
Sulfate	mg/L	80-120	1210	OR	1250	OR	15	1	-267	*	11/05/2025
Orthophosphate as P	mg/L	80-120	1.10		0.34	U	5	1	22	*	11/05/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MS
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	68.4		23.9		50.0	1	89		11/14/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MSD
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	67.4		23.9		50.0	1	87		11/14/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
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.: Q3552
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.: Q3552
Project: Edison Landfill
Sample ID: Q3551-04
Client ID: MANHOLEDUP
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	25.9		25.8		1	0.19		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client ID: MW-4DUP
SDG No.: Q3552
Sample ID: Q3552-01
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	6.83		6.85		1	0.29		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10DUP
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		11/05/2025
TKN	mg/L	+/-20	2.90		2.70		1	7		11/12/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3552-04
Client ID: MW-10MSD
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	0.21		11/05/2025
Fluoride	mg/L	+/-20	2.10		2.10		1	0		11/05/2025
Sulfate	mg/L	+/-20	1210	OR	1210	OR	1	0		11/05/2025
Chloride	mg/L	+/-20	0.19	U	0.19	U	1	0		11/05/2025
Bromide	mg/L	+/-20	37.5	OR	37.2	OR	1	1		11/05/2025
Orthophosphate as P	mg/L	+/-20	1.30		1.10		1	17		11/05/2025
Nitrate	mg/L	+/-20	2.50		2.40		1	4		11/05/2025
Nitrite	mg/L	+/-20	2.90		2.80		1	4		11/05/2025
TKN	mg/L	+/-20	7.30		7.20		1	1		11/12/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3552-05
Client ID: MW-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
TDS	mg/L	+/-5	1410		1410		1	0.07		11/06/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
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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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
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.: Q3552
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003DUP
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	23.9		22.9		1	4.27		11/14/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3552
Project: Edison Landfill
Sample ID: Q3630-05
Client ID: DSN003MSD
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	68.4		67.4		1	1.47		11/14/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **Run No.:** LB137789

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137789BS								
Hexavalent Chromium	mg/L	0.5	0.51		103	1	90-111	11/05/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **Run No.:** LB137805

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137805BS								
TDS	mg/L	100	94.0		94	1	90-110	11/06/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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.:** Q3552

Project: Edison Landfill **Run No.:** LB137815

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137815BSW								
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	2.00		100	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	15.0		100	1	90-110	11/05/2025
Orthophosphate as P	mg/L	5	5.20		104	1	90-110	11/05/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **Run No.:** LB137856

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137856BS								
BOD5	mg/L	198	177		89	1	84.6-115.4	11/06/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **Run No.:** LB137904

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137904BS								
COD	mg/L	50	53.2		106	1	90-110	11/14/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

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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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3552

Project: Edison Landfill **Run No.:** LB137870

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170510BS								
TKN	mg/L	5	5.10		102	1	90-110	11/12/2025

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137789

Review By	rubina	Review On	11/6/2025 12:14:05 PM
Supervise By	jignesh	Supervise On	11/6/2025 2:26:53 PM
SubDirectory	LB137789	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,WP115480,WP115483,WP115488,WP115486,\

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/05/25 17:00		rubina	OK
2	CAL2	CAL2	CAL	11/05/25 17:00		rubina	OK
3	CAL3	CAL3	CAL	11/05/25 17:01		rubina	OK
4	CAL4	CAL4	CAL	11/05/25 17:01		rubina	OK
5	CAL5	CAL5	CAL	11/05/25 17:02		rubina	OK
6	CAL6	CAL6	CAL	11/05/25 17:02		rubina	OK
7	CAL7	CAL7	CAL	11/05/25 17:03		rubina	OK
8	ICV	ICV	ICV	11/05/25 17:03		rubina	OK
9	ICB	ICB	ICB	11/05/25 17:04		rubina	OK
10	CCV1	CCV1	CCV	11/05/25 17:04		rubina	OK
11	CCB1	CCB1	CCB	11/05/25 17:05		rubina	OK
12	RL Check	RL Check	RL	11/05/25 17:06		rubina	OK
13	LB137789BL	LB137789BL	MB	11/05/25 17:06		rubina	OK
14	LB137789BS	LB137789BS	LCS	11/05/25 17:07		rubina	OK
15	Q3530-09	MDL-WATER-03-QT4	SAM	11/05/25 17:07		rubina	OK
16	Q3534-10	EB-1	SAM	11/05/25 17:08	Not Use	rubina	Not Ok
17	Q3552-01	MW-4	SAM	11/05/25 17:08		rubina	OK
18	Q3552-02	MW-8	SAM	11/05/25 17:09		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137789

Review By	rubina	Review On	11/6/2025 12:14:05 PM
Supervise By	jignesh	Supervise On	11/6/2025 2:26:53 PM
SubDirectory	LB137789	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,WP115480,WP115483,WP115488,WP115486,\

19	Q3552-03	MW-9	SAM	11/05/25 17:09		rubina	OK
20	Q3552-04	MW-10	SAM	11/05/25 17:10		rubina	OK
21	Q3552-04DUP	MW-10DUP	DUP	11/05/25 17:10		rubina	OK
22	Q3552-04MS	MW-10MS	MS	11/05/25 17:11	2ML WP113880+98.0ML SAMPLE	rubina	OK
23	CCV2	CCV2	CCV	11/05/25 17:11	2ML WP113880+98.0ML SAMPLE	rubina	OK
24	CCB2	CCB2	CCB	11/05/25 17:12		rubina	OK
25	Q3552-04MSD	MW-10MSD	MSD	11/05/25 17:12		rubina	OK
26	Q3552-05	MW-3	SAM	11/05/25 17:13		rubina	OK
27	CCV3	CCV3	CCV	11/05/25 17:13		rubina	OK
28	CCB3	CCB3	CCB	11/05/25 17:14		rubina	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137792

Review By	jignesh	Review On	11/6/2025 9:21:10 AM
Supervise By	rubina	Supervise On	11/6/2025 11:58:50 AM
SubDirectory	LB137792	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	11/06/25 08:10		jignesh	OK
2	CAL2	CAL2	CAL	11/06/25 08:11		jignesh	OK
3	CAL3	CAL3	CAL	11/06/25 08:15		jignesh	OK
4	ICV	ICV	ICV	11/06/25 08:22		jignesh	OK
5	CCV1	CCV1	CCV	11/06/25 08:25		jignesh	OK
6	Q3552-01	MW-4	SAM	11/06/25 08:35		jignesh	OK
7	Q3552-01DUP	MW-4DUP	DUP	11/06/25 08:37		jignesh	OK
8	Q3552-02	MW-8	SAM	11/06/25 08:45		jignesh	OK
9	Q3552-03	MW-9	SAM	11/06/25 08:50		jignesh	OK
10	Q3552-04	MW-10	SAM	11/06/25 09:00		jignesh	OK
11	Q3552-05	MW-3	SAM	11/06/25 09:10		jignesh	OK
12	CCV2	CCV2	CCV	11/06/25 09:11		jignesh	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137805

Review By	jignesh	Review On	11/7/2025 12:00:22 PM
Supervise By	Iwona	Supervise On	11/7/2025 1:15:06 PM
SubDirectory	LB137805	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	LB137805BL	LB137805BL	MB	11/06/25 11:30		jignesh	OK
2	LB137805BS	LB137805BS	LCS	11/06/25 11:30	WP115544	jignesh	OK
3	Q3552-01	MW-4	SAM	11/06/25 11:30		jignesh	OK
4	Q3552-02	MW-8	SAM	11/06/25 11:30		jignesh	OK
5	Q3552-03	MW-9	SAM	11/06/25 11:30		jignesh	OK
6	Q3552-04	MW-10	SAM	11/06/25 11:30		jignesh	OK
7	Q3552-05	MW-3	SAM	11/06/25 11:30		jignesh	OK
8	Q3552-05DUP	MW-3DUP	DUP	11/06/25 11:30		jignesh	OK
9	Q3560-01	SY-10D	SAM	11/06/25 11:30		jignesh	OK
10	Q3560-03	SY-10S	SAM	11/06/25 11:30		jignesh	OK
11	Q3560-05	SY-10I	SAM	11/06/25 11:30		jignesh	OK
12	Q3560-07	SY-12I	SAM	11/06/25 11:30		jignesh	OK
13	Q3560-09	SY-12D	SAM	11/06/25 11:30		jignesh	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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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

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: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137815

Review By	rubina	Review On	11/10/2025 11:22:39 AM
Supervise By	Iwona	Supervise On	11/10/2025 12:03:50 PM
SubDirectory	LB137815	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115470
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115471
Chk Standard	WP115449,WP115450

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	11/05/25 13:47		RM/IZ	OK
11	CCB1	CCB1	CCB	11/05/25 14:08		RM/IZ	OK
12	LB137815BLW	LB137815BLW	MB	11/05/25 14:30		RM/IZ	OK
13	LB137815BSW	LB137815BSW	LCS	11/05/25 14:51		RM/IZ	OK
14	Q3552-01	MW-4	SAM	11/05/25 15:47		RM/IZ	OK
15	Q3552-02	MW-8	SAM	11/05/25 16:08		RM/IZ	OK
16	Q3552-03	MW-9	SAM	11/05/25 16:30		RM/IZ	OK
17	Q3552-04	MW-10	SAM	11/05/25 16:51		RM/IZ	OK
18	Q3552-04MS	MW-10MS	MS	11/05/25 17:13	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137815

Review By	rubina	Review On	11/10/2025 11:22:39 AM
Supervise By	Iwona	Supervise On	11/10/2025 12:03:50 PM
SubDirectory	LB137815	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115470
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115471
Chk Standard	WP115449,WP115450

19	Q3552-04MSD	MW-10MSD	MSD	11/05/25 17:35	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
20	Q3552-05	MW-3	SAM	11/05/25 17:56		RM/IZ	OK
21	CCV2	CCV2	CCV	11/05/25 19:01		RM/IZ	OK
22	CCB2	CCB2	CCB	11/05/25 19:22		RM/IZ	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

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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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB137856

Review By	rubina	Review On	11/11/2025 5:12:42 PM
Supervise By	Iwona	Supervise On	11/11/2025 5:12:48 PM
SubDirectory	LB137856	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	WP115510,W3149,WP115342,W3103,W3109,W3248,WP115512,WP115511,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137856BL	LB137856BL	MB	11/06/25 13:00		rubina	OK
2	LB137856BS	LB137856BS	LCS	11/06/25 13:00		rubina	OK
3	Q3551-04	MANHOLE	SAM	11/06/25 13:00		rubina	OK
4	Q3551-04DUP	MANHOLEDUP	DUP	11/06/25 13:00		rubina	OK
5	Q3552-01	MW-4	SAM	11/06/25 13:00		rubina	OK
6	Q3552-02	MW-8	SAM	11/06/25 13:00		rubina	OK
7	Q3552-03	MW-9	SAM	11/06/25 13:00		rubina	OK
8	Q3552-04	MW-10	SAM	11/06/25 13:00		rubina	OK
9	Q3552-05	MW-3	SAM	11/06/25 13:00		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/12/25 10:23		rubina	OK
2	0.5PPM	0.5PPM	CAL2	11/12/25 10:23		rubina	OK
3	1.0PPM	1.0PPM	CAL3	11/12/25 10:23		rubina	OK
4	2.5PPM	2.5PPM	CAL4	11/12/25 10:23		rubina	OK
5	5.0PPM	5.0PPM	CAL5	11/12/25 10:23		rubina	OK
6	6.7PPM	6.7PPM	CAL6	11/12/25 10:23		rubina	OK
7	10.0PPM	10.0PPM	CAL7	11/12/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	11/12/25 11:32		rubina	OK
9	ICB1	ICB1	ICB	11/12/25 11:32		rubina	OK
10	CCV1	CCV1	CCV	11/12/25 11:32		rubina	OK
11	CCB1	CCB1	CCB	11/12/25 11:32		rubina	OK
12	RL	RL	LOQ	11/12/25 11:32		rubina	OK
13	PB170510BL	PB170510BL	MB	11/12/25 11:32		rubina	OK
14	PB170510BS	PB170510BS	LCS	11/12/25 11:43		rubina	OK
15	Q3530-07	LOD-MDL-WATER-01	SAM	11/12/25 11:43		rubina	OK
16	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/12/25 11:43		rubina	OK
17	Q3552-01	MW-4	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
18	Q3552-02	MW-8	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

19	Q3552-03	MW-9	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
20	Q3552-04	MW-10	SAM	11/12/25 11:43		rubina	OK
21	Q3552-04DUP	MW-10DUP	DUP	11/12/25 11:43		rubina	OK
22	CCV2	CCV2	CCV	11/12/25 11:54		rubina	OK
23	CCB2	CCB2	CCB	11/12/25 11:54		rubina	OK
24	Q3552-04MS	MW-10MS	MS	11/12/25 11:54		rubina	OK
25	Q3552-04MSD	MW-10MSD	MSD	11/12/25 11:54		rubina	OK
26	Q3552-05	MW-3	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
27	Q3560-01	SY-10D	SAM	11/12/25 11:54		rubina	OK
28	Q3560-03	SY-10S	SAM	11/12/25 11:54		rubina	OK
29	Q3560-05	SY-10I	SAM	11/12/25 11:54		rubina	OK
30	Q3560-07	SY-12I	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
31	Q3560-09	SY-12D	SAM	11/12/25 12:04		rubina	OK
32	Q3569-01	MW-2	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
33	Q3569-02	MW-12	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
34	CCV3	CCV3	CCV	11/12/25 12:04		rubina	OK
35	CCB3	CCB3	CCB	11/12/25 12:04		rubina	OK
36	Q3584-01	SW-1	SAM	11/12/25 12:04		rubina	OK
37	Q3584-02	SW-2	SAM	11/12/25 12:04		rubina	OK
38	Q3584-03	SW-3	SAM	11/12/25 12:04		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

39	Q3584-07	SEEP-1	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
40	PB170482BL	PB170482BL	MB	11/12/25 12:05		rubina	OK
41	PB170482BS	PB170482BS	LCS	11/12/25 12:05		rubina	OK
42	Q3483-07	HW1025-PT-NUT-SO	SAM	11/12/25 12:05	TKN high, need dilution	rubina	Dilution
43	Q3530-01	LOD-MDL-SOIL-01-Q	SAM	11/12/25 12:15		rubina	OK
44	Q3530-02	LOQ-SOIL-02-QT4-20	LOQ	11/12/25 12:15		rubina	OK
45	Q3586-02	SED-2	SAM	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
46	CCV4	CCV4	CCV	11/12/25 12:15		rubina	OK
47	CCB4	CCB4	CCB	11/12/25 12:15		rubina	OK
48	Q3586-02DUP	SED-2DUP	DUP	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
49	Q3586-02MS	SED-2MS	MS	11/12/25 12:15		rubina	OK
50	Q3586-02MSD	SED-2MSD	MSD	11/12/25 12:15		rubina	OK
51	Q3552-01DL	MW-4DL	SAM	11/12/25 12:15	20X For TKN	rubina	Confirms
52	Q3552-02DL	MW-8DL	SAM	11/12/25 12:15	2X For TKN	rubina	Confirms
53	Q3552-03DL	MW-9DL	SAM	11/12/25 12:15	10X For TKN	rubina	Confirms
54	Q3552-05DL	MW-3DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
55	Q3560-07DL	SY-12IDL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
56	Q3569-01DL	MW-2DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
57	CCV5	CCV5	CCV	11/12/25 13:42		rubina	OK
58	CCB5	CCB5	CCB	11/12/25 13:42		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN

STD. NAME	STD REF.#
ICAL Standard	WP115592
ICV Standard	WP115594
CCV Standard	WP115593
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115595
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597

59	Q3569-02DL	MW-12DL	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
60	Q3483-07DL	HW1025-PT-NUT-SO	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
61	Q3586-02DL	SED-2DL	SAM	11/12/25 13:42	5X For TKN	rubina	Confirms
62	Q3586-02DUPDL	SED-2DUPDL	DUP	11/12/25 13:42	5X For TKN	rubina	Confirms
63	Q3584-07DL	SEEP-1DL	SAM	11/12/25 13:42	20X For TKN	rubina	Confirms
64	CCV6	CCV6	CCV	11/12/25 13:42		rubina	OK
65	CCB6	CCB6	CCB	11/12/25 13:45		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	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,WP115676,WP115677,WP115678,\

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	11/14/25 14:00		Iwona	OK
10	CCB1	CCB1	CCB	11/14/25 14:00		Iwona	OK
11	RL Check	RL Check	RL	11/14/25 14:01		Iwona	OK
12	LB137904BL	LB137904BL	MB	11/14/25 14:01		Iwona	OK
13	LB137904BS	LB137904BS	LCS	11/14/25 14:02		Iwona	OK
14	Q3551-04	MANHOLE	SAM	11/14/25 14:02		Iwona	OK
15	Q3552-01	MW-4	SAM	11/14/25 14:03		Iwona	OK
16	Q3552-02	MW-8	SAM	11/14/25 14:03		Iwona	OK
17	Q3552-03	MW-9	SAM	11/14/25 14:04		Iwona	OK
18	Q3552-04	MW-10	SAM	11/14/25 14:04		Iwona	OK

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Fax : 908 789 8922

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	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,WP115676,WP115677,WP115678,\

19	Q3552-05	MW-3	SAM	11/14/25 14:05		Iwona	OK
20	Q3569-01	MW-2	SAM	11/14/25 14:05		Iwona	OK
21	Q3569-02	MW-12	SAM	11/14/25 14:06		Iwona	OK
22	CCV2	CCV2	CCV	11/14/25 14:06		Iwona	OK
23	CCB2	CCB2	CCB	11/14/25 14:07		Iwona	OK
24	Q3578-01	MH-1172025	SAM	11/14/25 14:07		Iwona	OK
25	Q3584-01	SW-1	SAM	11/14/25 14:08		Iwona	OK
26	Q3584-02	SW-2	SAM	11/14/25 14:08		Iwona	OK
27	Q3584-03	SW-3	SAM	11/14/25 14:09		Iwona	OK
28	Q3584-07	SEEP-1	SAM	11/14/25 14:09		Iwona	OK
29	Q3630-01	DSN002	SAM	11/14/25 14:10		Iwona	OK
30	Q3630-03	DSN001	SAM	11/14/25 14:10		Iwona	OK
31	Q3630-04	DSN001	SAM	11/14/25 14:11		Iwona	OK
32	Q3630-05	DSN003	SAM	11/14/25 14:11		Iwona	OK
33	Q3630-05DUP	DSN003DUP	DUP	11/14/25 14:12		Iwona	OK
34	CCV3	CCV3	CCV	11/14/25 14:12		Iwona	OK
35	CCB3	CCB3	CCB	11/14/25 14:13		Iwona	OK
36	Q3630-05MS	DSN003MS	MS	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK
37	Q3630-05MSD	DSN003MSD	MSD	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	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,WP115676,WP115677,WP115678,\

38	CCV4	CCV4	CCV	11/14/25 14:14		Iwona	OK
39	CCB4	CCB4	CCB	11/14/25 14:14		Iwona	OK

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LAB CHRONICLE

OrderID:	Q3552	**OrderDate:**	11/5/2025 2:23:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3552-01	**MW-4**	**WATER**			**11/04/25 13:40**			**11/05/25**
			Anions Group1	300.0			11/05/25 15:47	
			BOD5	SM5210 B			11/06/25 13:00	
			COD	SM5220 D			11/14/25 14:03	
			Cyanide	9012B		11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A			11/05/25 17:08	
			Oil and Grease	1664A			11/07/25 10:30	
			pH	9040C			11/06/25 08:35	
			TDS	SM2540 C			11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 11:43	
Q3552-01DL	**MW-4DL**	**WATER**			**11/04/25 13:40**			**11/05/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:15	
Q3552-02	**MW-8**	**WATER**			**11/04/25 13:45**			**11/05/25**

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LAB CHRONICLE

			Anions Group1	300.0		11/05/25 16:08	
			BOD5	SM5210 B		11/06/25 13:00	
			COD	SM5220 D		11/14/25 14:03	
			Cyanide	9012B	11/07/25	11/07/25 15:48	
			Hexavalent Chromium	7196A		11/05/25 17:09	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/06/25 08:45	
			TDS	SM2540 C		11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:43	
Q3552-02DL	**MW-8DL**	**WATER**			**11/04/25 13:45**		**11/05/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:15	
Q3552-03	**MW-9**	**WATER**			**11/04/25 16:00**		**11/05/25**
			Anions Group1	300.0		11/05/25 16:30	
			BOD5	SM5210 B		11/06/25 13:00	
			COD	SM5220 D		11/14/25 14:04	
			Cyanide	9012B	11/07/25	11/07/25 15:56	
			Hexavalent Chromium	7196A		11/05/25 17:09	

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LAB CHRONICLE

			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/06/25 08:50	
			TDS	SM2540 C		11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:43	
Q3552-03DL	**MW-9DL**	**WATER**			**11/04/25 16:00**		**11/05/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:15	
Q3552-04	**MW-10**	**WATER**			**11/05/25 12:00**		**11/05/25**
			Anions Group1	300.0		11/05/25 16:51	
			BOD5	SM5210 B		11/06/25 13:00	
			COD	SM5220 D		11/14/25 14:04	
			Cyanide	9012B	11/07/25	11/07/25 15:56	
			Hexavalent Chromium	7196A		11/05/25 17:10	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/06/25 09:00	
			TDS	SM2540 C		11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:43	

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LAB CHRONICLE

Q3552-05	**MW-3**	**WATER**			**11/04/25 16:15**		**11/05/25**
			Anions Group1	300.0		11/05/25 17:56	
			BOD5	SM5210 B		11/06/25 13:00	
			COD	SM5220 D		11/14/25 14:05	
			Cyanide	9012B	11/07/25	11/07/25 15:56	
			Hexavalent Chromium	7196A		11/05/25 17:13	
			Oil and Grease	1664A		11/07/25 10:30	
			pH	9040C		11/06/25 09:10	
			TDS	SM2540 C		11/06/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 11:54	
Q3552-05DL	**MW-3DL**	**WATER**			**11/04/25 16:15**		**11/05/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:26	

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

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170510

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: 11/11/2025 **Time :** 08:10 **Temp :** 380 °C

End Digest Date: 11/11/2025 **Time :** 09:40 **Temp :** 384 °C

Start Distillation Date: 11/11/2025 **Time :** 10:10 **Temp :** 150 °C

End Distillation Date: 11/11/2025 **Time :** 11:10 **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: IZ

Standared Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP115592
TKN CCV STD	50.0ML	WP115593
TKN ICV STD	50.0ML	WP115594
TKN LCS STD	50.0ML	WP115595
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
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:

RL CHECK 10ML FROM WP115593,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104,LOD115596,LOQ115597

Date / Time	Prepped Sample Relnquished By/Location	Received By/Location
11/11/2025 14.25	RM (WC)	RM(WC)
1	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water TKN Preparation Sheet

PB170510

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170510BL	PBW510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB170510BS	LCS510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-07	LOD-MDL-WATER-01-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-08	LOQ-WATER-02-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-01	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-02	MW-8	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-03	MW-9	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04	MW-10	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04DUP	MW-10DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MS	MW-10MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MSD	MW-10MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-01	SY-10D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-03	SY-10S	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-05	SY-10I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-07	SY-12I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-09	SY-12D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-01	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-02	MW-12	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-01	SW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-02	SW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-03	SW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-07	SEEP-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A