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

Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**SW-1**								
Q3584-01	SW-1	Water	Acetone		4.00	J	1.50	5.00	ug/L
			Total Voc :		4.00				
			Total Concentration:		4.00				
Client ID:	**SW-2**								
Q3584-02	SW-2	Water	Acetone		4.50	J	1.50	5.00	ug/L
			Total Voc :		4.50				
			Total Concentration:		4.50				
Client ID:	**SW-3**								
Q3584-03	SW-3	Water	Acetone		3.90	J	1.50	5.00	ug/L
			Total Voc :		3.90				
			Total Concentration:		3.90				
Client ID:	**EB-2**								
Q3584-04	EB-2	Water	Acetone		8.20		1.50	5.00	ug/L
			Total Voc :		8.20				
			Total Concentration:		8.20				
Client ID:	**SEEP-1**								
Q3584-07	SEEP-1	Water	Acetone		49.7	J	15.1	50.0	ug/L
			Total Voc :		49.7				
Q3584-07	SEEP-1	Water	Tert butyl alcohol	*	81.1	J	55.1	250	ug/L
			Total Tics :		81.1				
			Total Concentration:		131				

SAMPLE DATA

Raw Data: **VX048540.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:27	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:27	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:27	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:27	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:27	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
67-64-1	Acetone	4.00	J	1	1.50	5.00	ug/L	11/10/25 15:27	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:27	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:27	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:27	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:27	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:27	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:27	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:27	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:27	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:27	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:27	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:27	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:27	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:27	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:27	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:27	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:27	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:27	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:27	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025

Raw Data: **VX048540.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:27	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:27	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:27	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:27	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:27	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:27	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.3			70 (74) - 130 (125)	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.7			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	50.8			70 (86) - 130 (113)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.3			70 (77) - 130 (121)	119%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	172000							
540-36-3	1,4-Difluorobenzene	320000							
3114-55-4	Chlorobenzene-d5	340000							
3855-82-1	1,4-Dichlorobenzene-d4	185000							

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

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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	11/10/25 15:48	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:48	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:48	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:48	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:48	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:48	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
67-64-1	Acetone	4.50	J	1	1.50	5.00	ug/L	11/10/25 15:48	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:48	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:48	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:48	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:48	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:48	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:48	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:48	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:48	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:48	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:48	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:48	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:48	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:48	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:48	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:48	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:48	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:48	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:48	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:48	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:48	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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	11/10/25 15:48	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:48	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:48	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:48	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:48	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:48	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.1			70 (75) - 130 (124)	90%	SPK: 50		
2037-26-5	Toluene-d8	48.3			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.1			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	181000							
540-36-3	1,4-Difluorobenzene	361000							
3114-55-4	Chlorobenzene-d5	362000							
3855-82-1	1,4-Dichlorobenzene-d4	196000							

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: **VX048542.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	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	11/10/25 16:08	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 16:08	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:08	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 16:08	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 16:08	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 16:08	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
67-64-1	Acetone	3.90	J	1	1.50	5.00	ug/L	11/10/25 16:08	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:08	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 16:08	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 16:08	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 16:08	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 16:08	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:08	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 16:08	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:08	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 16:08	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 16:08	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 16:08	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:08	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 16:08	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 16:08	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:08	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:08	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 16:08	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 16:08	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:08	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:08	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:08	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:08	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:08	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:08	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 16:08	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:08	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.3			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.5			70 (77) - 130 (121)	119%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	181000							
540-36-3	1,4-Difluorobenzene	361000							
3114-55-4	Chlorobenzene-d5	386000							
3855-82-1	1,4-Dichlorobenzene-d4	205000							

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: **VX048555.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	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	11/11/25 11:43	VX111125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/11/25 11:43	VX111125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/11/25 11:43	VX111125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/11/25 11:43	VX111125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/11/25 11:43	VX111125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/11/25 11:43	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
67-64-1	Acetone	8.20		1	1.50	5.00	ug/L	11/11/25 11:43	VX111125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/11/25 11:43	VX111125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/11/25 11:43	VX111125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/11/25 11:43	VX111125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/11/25 11:43	VX111125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/11/25 11:43	VX111125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/11/25 11:43	VX111125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/11/25 11:43	VX111125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 11:43	VX111125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/11/25 11:43	VX111125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/11/25 11:43	VX111125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/11/25 11:43	VX111125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/11/25 11:43	VX111125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/11/25 11:43	VX111125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/11/25 11:43	VX111125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 11:43	VX111125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/11/25 11:43	VX111125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/11/25 11:43	VX111125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/11/25 11:43	VX111125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/11/25 11:43	VX111125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/11/25 11:43	VX111125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125

Raw Data: **VX048555.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	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	11/11/25 11:43	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/11/25 11:43	VX111125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/11/25 11:43	VX111125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 11:43	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/11/25 11:43	VX111125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 11:43	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.4			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.1			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	362000							
3114-55-4	Chlorobenzene-d5	387000							
3855-82-1	1,4-Dichlorobenzene-d4	203000							

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
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 14:45	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:45	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 14:45	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 14:45	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 14:45	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:45	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:45	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 14:45	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 14:45	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 14:45	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 14:45	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 14:45	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 14:45	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 14:45	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 14:45	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 14:45	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 14:45	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 14:45	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 14:45	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 14:45	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 14:45	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:45	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 14:45	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 14:45	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:45	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 14:45	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025

Raw Data: **VX048538.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	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	0.12	U	1	0.12	1.00	ug/L	11/10/25 14:45	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 14:45	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 14:45	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 14:45	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 14:45	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 14:45	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.4			70 (75) - 130 (124)	119%	SPK: 50		
2037-26-5	Toluene-d8	51.7			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.9			70 (77) - 130 (121)	116%	SPK: 50		

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	165000
540-36-3	1,4-Difluorobenzene	254000
3114-55-4	Chlorobenzene-d5	270000
3855-82-1	1,4-Dichlorobenzene-d4	143000

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

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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	TB-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-06	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	11/10/25 15:06	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 15:06	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:06	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 15:06	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 15:06	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 15:06	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:06	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:06	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 15:06	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 15:06	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 15:06	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 15:06	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 15:06	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 15:06	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 15:06	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 15:06	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 15:06	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 15:06	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 15:06	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 15:06	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 15:06	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 15:06	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:06	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 15:06	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 15:06	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 15:06	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 15:06	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025

Raw Data: **VX048539.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	TB-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-06	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	11/10/25 15:06	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 15:06	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 15:06	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 15:06	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 15:06	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 15:06	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			70 (74) - 130 (125)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.2			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	49.2			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.1			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	167000							
540-36-3	1,4-Difluorobenzene	331000							
3114-55-4	Chlorobenzene-d5	344000							
3855-82-1	1,4-Dichlorobenzene-d4	202000							

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: **VX048556.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
74-87-3	Chloromethane	3.20	U	10	3.20	10.0	ug/L	11/11/25 12:04	VX111125
75-01-4	Vinyl Chloride	2.60	U	10	2.60	10.0	ug/L	11/11/25 12:04	VX111125
74-83-9	Bromomethane	14.4	U	10	14.4	50.0	ug/L	11/11/25 12:04	VX111125
75-00-3	Chloroethane	4.70	U	10	4.70	10.0	ug/L	11/11/25 12:04	VX111125
75-69-4	Trichlorofluoromethane	3.30	U	10	3.30	10.0	ug/L	11/11/25 12:04	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
75-35-4	1,1-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
67-64-1	Acetone	49.7	J	10	15.1	50.0	ug/L	11/11/25 12:04	VX111125
75-15-0	Carbon Disulfide	2.10	U	10	2.10	10.0	ug/L	11/11/25 12:04	VX111125
1634-04-4	Methyl tert-butyl Ether	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
79-20-9	Methyl Acetate	2.70	U	10	2.70	10.0	ug/L	11/11/25 12:04	VX111125
75-09-2	Methylene Chloride	2.80	U	10	2.80	10.0	ug/L	11/11/25 12:04	VX111125
156-60-5	trans-1,2-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
75-34-3	1,1-Dichloroethane	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
110-82-7	Cyclohexane	14.5	U	10	14.5	50.0	ug/L	11/11/25 12:04	VX111125
78-93-3	2-Butanone	9.80	U	10	9.80	50.0	ug/L	11/11/25 12:04	VX111125
56-23-5	Carbon Tetrachloride	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
156-59-2	cis-1,2-Dichloroethene	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125
74-97-5	Bromochloromethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
67-66-3	Chloroform	2.50	U	10	2.50	10.0	ug/L	11/11/25 12:04	VX111125
71-55-6	1,1,1-Trichloroethane	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
108-87-2	Methylcyclohexane	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
71-43-2	Benzene	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
107-06-2	1,2-Dichloroethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
79-01-6	Trichloroethene	0.93	U	10	0.93	10.0	ug/L	11/11/25 12:04	VX111125
78-87-5	1,2-Dichloropropane	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
75-27-4	Bromodichloromethane	2.20	U	10	2.20	10.0	ug/L	11/11/25 12:04	VX111125
108-10-1	4-Methyl-2-Pentanone	6.80	U	10	6.80	50.0	ug/L	11/11/25 12:04	VX111125
108-88-3	Toluene	1.40	U	10	1.40	10.0	ug/L	11/11/25 12:04	VX111125
10061-02-6	t-1,3-Dichloropropene	1.70	U	10	1.70	10.0	ug/L	11/11/25 12:04	VX111125
10061-01-5	cis-1,3-Dichloropropene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
79-00-5	1,1,2-Trichloroethane	2.10	U	10	2.10	10.0	ug/L	11/11/25 12:04	VX111125
591-78-6	2-Hexanone	8.90	U	10	8.90	50.0	ug/L	11/11/25 12:04	VX111125
124-48-1	Dibromochloromethane	1.80	U	10	1.80	10.0	ug/L	11/11/25 12:04	VX111125
106-93-4	1,2-Dibromoethane	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
127-18-4	Tetrachloroethene	2.30	U	10	2.30	10.0	ug/L	11/11/25 12:04	VX111125
108-90-7	Chlorobenzene	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
100-41-4	Ethyl Benzene	1.30	U	10	1.30	10.0	ug/L	11/11/25 12:04	VX111125
179601-23-1	m/p-Xylenes	2.40	U	10	2.40	20.0	ug/L	11/11/25 12:04	VX111125
95-47-6	o-Xylene	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
100-42-5	Styrene	1.50	U	10	1.50	10.0	ug/L	11/11/25 12:04	VX111125
75-25-2	Bromoform	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125

Raw Data: **VX048556.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	10	1.20	10.0	ug/L	11/11/25 12:04	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	10	2.60	10.0	ug/L	11/11/25 12:04	VX111125
541-73-1	1,3-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
106-46-7	1,4-Dichlorobenzene	1.90	U	10	1.90	10.0	ug/L	11/11/25 12:04	VX111125
95-50-1	1,2-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	11/11/25 12:04	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	10	5.30	10.0	ug/L	11/11/25 12:04	VX111125
120-82-1	1,2,4-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
87-61-6	1,2,3-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	11/11/25 12:04	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.2			70 (74) - 130 (125)	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.5			70 (75) - 130 (124)	87%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.0			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	214000							
540-36-3	1,4-Difluorobenzene	420000							
3114-55-4	Chlorobenzene-d5	432000							
3855-82-1	1,4-Dichlorobenzene-d4	226000							
TENTATIVE IDENTIFIED COMPOUNDS									
75-65-0	Tert butyl alcohol	81.1	J			2.94	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,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3584-01	SW-1	1,2-Dichloroethane-d4	50	53.3	107		70 (74)	130 (125)
		Dibromofluoromethane	50	47.7	95		70 (75)	130 (124)
		Toluene-d8	50	50.8	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.3	119		70 (77)	130 (121)
Q3584-02	SW-2	1,2-Dichloroethane-d4	50	55.5	111		70 (74)	130 (125)
		Dibromofluoromethane	50	45.1	90		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.1	112		70 (77)	130 (121)
Q3584-03	SW-3	1,2-Dichloroethane-d4	50	55.4	111		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	51.3	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.5	119		70 (77)	130 (121)
Q3584-04	EB-2	1,2-Dichloroethane-d4	50	56.7	113		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	51.4	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.1	120		70 (77)	130 (121)
Q3584-05	FB-2	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	59.4	119		70 (75)	130 (124)
		Toluene-d8	50	51.6	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.9	116		70 (77)	130 (121)
Q3584-06	TB-3	1,2-Dichloroethane-d4	50	52.5	105		70 (74)	130 (125)
		Dibromofluoromethane	50	44.2	88		70 (75)	130 (124)
		Toluene-d8	50	49.2	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.1	120		70 (77)	130 (121)
Q3584-07	SEEP-1	1,2-Dichloroethane-d4	50	49.2	98		70 (74)	130 (125)
		Dibromofluoromethane	50	43.5	87		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112		70 (77)	130 (121)
VX1110WBL01	VX1110WBL01	1,2-Dichloroethane-d4	50	50.1	100		70 (74)	130 (125)
		Dibromofluoromethane	50	44.1	88		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.2	116		70 (77)	130 (121)
VX1110WBS01	VX1110WBS01	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	46.9	94		70 (75)	130 (124)
		Toluene-d8	50	52.5	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103		70 (77)	130 (121)
VX1110WBSD0	VX1110WBSD01	1,2-Dichloroethane-d4	50	50.4	101		70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98		70 (77)	130 (121)
VX1111WBL01	VX1111WBL01	1,2-Dichloroethane-d4	50	55.6	111		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	50.3	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.0	116		70 (77)	130 (121)
VX1111WBS01	VX1111WBS01	1,2-Dichloroethane-d4	50	49.0	98		70 (74)	130 (125)
		Dibromofluoromethane	50	46.0	92		70 (75)	130 (124)
		Toluene-d8	50	51.5	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99		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.: Q3584 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	Dichlorodifluoromethane	20	17.9	ug/L	90			40 (69)	160 (116)	
	Chloromethane	20	18.6	ug/L	93			40 (65)	160 (116)	
	Vinyl chloride	20	19.4	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	25.7	ug/L	129			40 (58)	160 (125)	
	Chloroethane	20	22.0	ug/L	110			40 (56)	160 (128)	
	Trichlorofluoromethane	20	21.6	ug/L	108			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.9	ug/L	100			70 (74)	130 (110)	
	Acetone	100	120	ug/L	120			40 (60)	160 (125)	
	Carbon disulfide	20	17.7	ug/L	89			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			70 (78)	130 (114)	
	Methyl Acetate	20	19.8	ug/L	99			70 (57)	130 (150)	
	Methylene Chloride	20	18.7	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	18.7	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	17.8	ug/L	89			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.8	ug/L	94			70 (77)	130 (110)	
	Bromochloromethane	20	19.8	ug/L	99			70 (70)	130 (124)	
	Chloroform	20	20.2	ug/L	101			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			70 (80)	130 (108)	
	Methylcyclohexane	20	17.0	ug/L	85			70 (72)	130 (115)	
	Benzene	20	17.8	ug/L	89			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.6	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.6	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	21.0	ug/L	105			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.7	ug/L	104			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.0	ug/L	105			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	22.1	ug/L	111			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	21.3	ug/L	106			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.6	ug/L	108			70 (81)	130 (110)	
	Tetrachloroethene	20	17.4	ug/L	87			70 (67)	130 (123)	
	Chlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	
	Ethyl Benzene	20	18.0	ug/L	90			70 (83)	130 (109)	
	m/p-Xylenes	40	37.0	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	17.9	ug/L	90			70 (83)	130 (109)	
	Styrene	20	18.6	ug/L	93			70 (80)	130 (111)	
	Bromoform	20	18.3	ug/L	92			70 (79)	130 (109)	
	Isopropylbenzene	20	18.1	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.7	ug/L	94			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.: Q3584 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	21.5	ug/L	108			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			70 (76)	130 (114)	

( ) = 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.: Q3584 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1110WBSD01	Dichlorodifluoromethane	20	14.1	ug/L	71	24	*	40 (69)	160 (116)	20 (19)
	Chloromethane	20	15.8	ug/L	79	16		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	16.8	ug/L	84	14		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.5	ug/L	108	18		40 (58)	160 (125)	20 (30)
	Chloroethane	20	18.3	ug/L	92	18		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.6	ug/L	88	20		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92	7		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.1	ug/L	91	9		70 (74)	130 (110)	20 (20)
	Acetone	100	91.0	ug/L	91	27	*	40 (60)	160 (125)	20 (27)
	Carbon disulfide	20	17.3	ug/L	86	3		40 (64)	160 (112)	20 (17)
	Methyl tert-butyl Ether	20	18.9	ug/L	95	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	18.3	ug/L	92	7		70 (57)	130 (150)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.7	ug/L	89	9		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	18.4	ug/L	92	7		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.4	ug/L	92	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	98.1	ug/L	98	12		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	16.9	ug/L	85	5		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	18.1	ug/L	91	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.2	ug/L	86	14		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.3	ug/L	92	9		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	17.8	ug/L	89	10		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.8	ug/L	89	5		70 (72)	130 (115)	20 (20)
	Benzene	20	17.4	ug/L	87	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.1	ug/L	91	12		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.5	ug/L	93	0		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.1	ug/L	96	4		70 (83)	130 (111)	20 (21)
	Bromodichloromethane	20	19.8	ug/L	99	6		70 (83)	130 (110)	20 (21)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (25)
	Toluene	20	20.5	ug/L	103	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.0	ug/L	95	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.0	ug/L	100	5		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	10		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.0	ug/L	100	6		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.9	ug/L	104	4		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.4	ug/L	92	6		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.4	ug/L	92	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.2	ug/L	91	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.0	ug/L	95	2		70 (82)	130 (110)	20 (20)
	o-Xylene	20	18.7	ug/L	94	4		70 (83)	130 (109)	20 (20)
	Styrene	20	19.1	ug/L	96	3		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.3	ug/L	92	0		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.7	ug/L	94	3		70 (83)	130 (112)	20 (22)
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.0	ug/L	90	0		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.9	ug/L	90	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	18.1	ug/L	91	0		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.:	**Q3584**	**Analytical Method:**	**SW8260-Low**
Client:	**Remington & Vernick Engineers**	**Datafile :**	VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1110WBSD01	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94	7		40 (68)	160 (112)	20 (26)
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89	19		70 (75)	130 (113)	20 (21)
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95	8		70 (76)	130 (114)	20 (22)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048552.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1111WBS01	Dichlorodifluoromethane	20	21.0	ug/L	105			40 (69)	160 (116)	
	Chloromethane	20	19.0	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	18.8	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	21.1	ug/L	106			40 (58)	160 (125)	
	Chloroethane	20	18.3	ug/L	92			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.0	ug/L	90			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	Acetone	100	90.7	ug/L	91			40 (60)	160 (125)	
	Carbon disulfide	20	17.5	ug/L	88			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.2	ug/L	91			70 (78)	130 (114)	
	Methyl Acetate	20	17.3	ug/L	86			70 (57)	130 (150)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.6	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	17.7	ug/L	89			70 (75)	130 (110)	
	2-Butanone	100	89.3	ug/L	89			40 (65)	160 (122)	
	Carbon Tetrachloride	20	15.6	ug/L	78			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.5	ug/L	88			70 (77)	130 (110)	
	Bromochloromethane	20	18.5	ug/L	93			70 (70)	130 (124)	
	Chloroform	20	17.8	ug/L	89			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.3	ug/L	86			70 (80)	130 (108)	
	Methylcyclohexane	20	17.4	ug/L	87			70 (72)	130 (115)	
	Benzene	20	16.3	ug/L	81			70 (82)	130 (109)	
	1,2-Dichloroethane	20	16.7	ug/L	84			70 (80)	130 (115)	
	Trichloroethene	20	17.4	ug/L	87			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.3	ug/L	92			70 (83)	130 (111)	
	Bromodichloromethane	20	19.1	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	96.6	ug/L	97			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.1	ug/L	101			70 (83)	130 (112)	
	2-Hexanone	100	94.8	ug/L	95			40 (73)	160 (117)	
	Dibromochloromethane	20	19.1	ug/L	96			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.8	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	16.2	ug/L	81			70 (67)	130 (123)	
	Chlorobenzene	20	17.1	ug/L	86			70 (82)	130 (109)	
	Ethyl Benzene	20	16.7	ug/L	84			70 (83)	130 (109)	
	m/p-Xylenes	40	35.0	ug/L	88			70 (82)	130 (110)	
	o-Xylene	20	17.1	ug/L	86			70 (83)	130 (109)	
	Styrene	20	17.6	ug/L	88			70 (80)	130 (111)	
	Bromoform	20	16.7	ug/L	84			70 (79)	130 (109)	
	Isopropylbenzene	20	17.9	ug/L	90			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.8	ug/L	89			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.7	ug/L	89			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.5	ug/L	88			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.: Q3584 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048552.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1111WBS01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	16.8	ug/L	84			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1110WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: VX048528.D Lab Sample ID: VX1110WBL01

Date Analyzed: 11/10/2025 Time Analyzed: 10:04

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025
FB-2	Q3584-05	VX048538.D	11/10/2025
TB-3	Q3584-06	VX048539.D	11/10/2025
SW-1	Q3584-01	VX048540.D	11/10/2025
SW-2	Q3584-02	VX048541.D	11/10/2025
SW-3	Q3584-03	VX048542.D	11/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1111WBL01

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: VX048551.D Lab Sample ID: VX1111WBL01

Date Analyzed: 11/11/2025 Time Analyzed: 10:02

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1111WBS01	VX1111WBS01	VX048552.D	11/11/2025
EB-2	Q3584-04	VX048555.D	11/11/2025
SEEP-1	Q3584-07	VX048556.D	11/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: VX048515.D | BFB Injection Date: 11/07/2025

Instrument ID: MSVOA_X | BFB Injection Time: 13:06

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	21.2
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	77.2
175	5.0 - 9.0% of mass 174	5.7 (7.3) 1
176	95.0 - 101.0% of mass 174	75.5 (97.9) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 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	VX048516.D	11/07/2025	13:35
VSTDICC005	VSTDICC005	VX048517.D	11/07/2025	13:56
VSTDICC020	VSTDICC020	VX048518.D	11/07/2025	14:16
VSTDICC100	VSTDICC100	VX048520.D	11/07/2025	14:58
VSTDICC150	VSTDICC150	VX048521.D	11/07/2025	15:18
VSTDICCC050	VSTDICCC050	VX048524.D	11/07/2025	16:29

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: VX048526.D | BFB Injection Date: 11/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:34

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	16.6
75	30.0 - 60.0% of mass 95	49.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	6 (7.6) 1
176	95.0 - 101.0% of mass 174	75.4 (96.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.9) 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	VX048527.D	11/10/2025	09:36
VX1110WBL01	VX1110WBL01	VX048528.D	11/10/2025	10:04
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025	11:49
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025	12:16
FB-2	Q3584-05	VX048538.D	11/10/2025	14:45
TB-3	Q3584-06	VX048539.D	11/10/2025	15:06
SW-1	Q3584-01	VX048540.D	11/10/2025	15:27
SW-2	Q3584-02	VX048541.D	11/10/2025	15:48
SW-3	Q3584-03	VX048542.D	11/10/2025	16:08

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: VX048548.D | BFB Injection Date: 11/11/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:09

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	17.5
75	30.0 - 60.0% of mass 95	48.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76.9
175	5.0 - 9.0% of mass 174	5.7 (7.4) 1
176	95.0 - 101.0% of mass 174	76.1 (99) 1
177	5.0 - 9.0% of mass 176	5 (6.5) 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	VX048549.D	11/11/2025	09:11
VX1111WBL01	VX1111WBL01	VX048551.D	11/11/2025	10:02
VX1111WBS01	VX1111WBS01	VX048552.D	11/11/2025	10:35
EB-2	Q3584-04	VX048555.D	11/11/2025	11:43
SEEP-1	Q3584-07	VX048556.D	11/11/2025	12:04

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

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	178330	5.53	288528	6.74	248957	10.04
UPPER LIMIT	356660	6.032	577056	7.239	497914	10.537
LOWER LIMIT	89165	5.032	144264	6.239	124479	9.537
EPA SAMPLE NO.						
SW-1	172124	5.54	320476	6.75	339849	10.04
SW-2	180936	5.54	361159	6.75	362263	10.04
SW-3	181183	5.54	361304	6.75	386173	10.04
FB-2	164671	5.54	253875	6.75	270369	10.04
TB-3	166567	5.54	331464	6.75	343876	10.04
VX1110WBL01	157554	5.54	305452	6.74	313169	10.04
VX1110WBS01	140876	5.54	243139	6.75	219757	10.04
VX1110WBSD01	186739	5.53	314084	6.75	272722	10.04

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.: Q3584

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

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

	IS4 AREA #	RT #				
12 HOUR STD	127604	12.006				
UPPER LIMIT	255208	12.506				
LOWER LIMIT	63802	11.506				
EPA SAMPLE NO.						
SW-1	185006	12.01				
SW-2	195935	12.01				
SW-3	204501	12.01				
FB-2	142954	12.01				
TB-3	201653	12.01				
VX1110WBL01	160725	12.01				
VX1110WBS01	112690	12.01				
VX1110WBSD01	139918	12.01				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab File ID: VX048549.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:11

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	181006	5.53	289835	6.74	252348	10.04
UPPER LIMIT	362012	6.032	579670	7.239	504696	10.537
LOWER LIMIT	90503	5.032	144918	6.239	126174	9.537
EPA SAMPLE NO.						
EB-2	180349	5.54	362115	6.75	387054	10.04
SEEP-1	213710	5.54	420027	6.75	432332	10.04
VX1111WBL01	184346	5.54	353648	6.75	374656	10.04
VX1111WBS01	187478	5.53	320628	6.74	287293	10.04

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.: Q3584

Lab File ID: VX048549.D Date Analyzed: 11/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:11

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

	IS4 AREA #	RT #				
12 HOUR STD	129793	12.006				
UPPER LIMIT	259586	12.506				
LOWER LIMIT	64896.5	11.506				
EPA SAMPLE NO.						
EB-2	202689	12.01				
SEEP-1	225901	12.01				
VX1111WBL01	195630	12.01				
VX1111WBS01	141984	12.01				

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: **VX048528.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:	VX1110WBL01	SDG No.:	Q3584
Lab Sample ID:	VX1110WBL01	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	11/10/25 10:04	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 10:04	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 10:04	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 10:04	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 10:04	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 10:04	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 10:04	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 10:04	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 10:04	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 10:04	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 10:04	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 10:04	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 10:04	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 10:04	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025

Raw Data: **VX048528.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	VX1110WBL01			SDG No.:	Q3584
Lab Sample ID:	VX1110WBL01			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	11/10/25 10:04	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 10:04	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.2			70 (74) - 130 (125)	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.1			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	158000							
540-36-3	1,4-Difluorobenzene	305000							
3114-55-4	Chlorobenzene-d5	313000							
3855-82-1	1,4-Dichlorobenzene-d4	161000							

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: **VX048551.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:	VX1111WBL01	SDG No.:	Q3584
Lab Sample ID:	VX1111WBL01	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	11/11/25 10:02	VX111125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/11/25 10:02	VX111125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/11/25 10:02	VX111125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/11/25 10:02	VX111125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/11/25 10:02	VX111125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/11/25 10:02	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/11/25 10:02	VX111125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/11/25 10:02	VX111125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/11/25 10:02	VX111125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/11/25 10:02	VX111125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/11/25 10:02	VX111125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/11/25 10:02	VX111125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/11/25 10:02	VX111125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/11/25 10:02	VX111125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/11/25 10:02	VX111125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/11/25 10:02	VX111125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/11/25 10:02	VX111125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/11/25 10:02	VX111125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/11/25 10:02	VX111125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/11/25 10:02	VX111125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/11/25 10:02	VX111125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/11/25 10:02	VX111125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/11/25 10:02	VX111125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/11/25 10:02	VX111125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/11/25 10:02	VX111125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/11/25 10:02	VX111125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/11/25 10:02	VX111125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125

Raw Data: **VX048551.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:	VX1111WBL01			SDG No.:	Q3584
Lab Sample ID:	VX1111WBL01			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	11/11/25 10:02	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/11/25 10:02	VX111125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/11/25 10:02	VX111125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/11/25 10:02	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/11/25 10:02	VX111125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/11/25 10:02	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.6			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.5			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	50.3			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.0			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	184000							
540-36-3	1,4-Difluorobenzene	354000							
3114-55-4	Chlorobenzene-d5	375000							
3855-82-1	1,4-Dichlorobenzene-d4	196000							

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: **VX048530.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:	VX1110WBS01			SDG No.:	Q3584
Lab Sample ID:	VX1110WBS01			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	17.9		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
74-87-3	Chloromethane	18.6		1	0.32	1.00	ug/L	11/10/25 11:49	VX111025
75-01-4	Vinyl Chloride	19.4		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
74-83-9	Bromomethane	25.7		1	1.40	5.00	ug/L	11/10/25 11:49	VX111025
75-00-3	Chloroethane	22.0		1	0.47	1.00	ug/L	11/10/25 11:49	VX111025
75-69-4	Trichlorofluoromethane	21.6		1	0.33	1.00	ug/L	11/10/25 11:49	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
75-35-4	1,1-Dichloroethene	19.9		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
67-64-1	Acetone	120		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
75-15-0	Carbon Disulfide	17.7		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
1634-04-4	Methyl tert-butyl Ether	20.7		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-20-9	Methyl Acetate	19.8		1	0.27	1.00	ug/L	11/10/25 11:49	VX111025
75-09-2	Methylene Chloride	18.7		1	0.28	1.00	ug/L	11/10/25 11:49	VX111025
156-60-5	trans-1,2-Dichloroethene	19.3		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
75-34-3	1,1-Dichloroethane	19.7		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
110-82-7	Cyclohexane	18.7		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/10/25 11:49	VX111025
56-23-5	Carbon Tetrachloride	17.8		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
156-59-2	cis-1,2-Dichloroethene	18.8		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
74-97-5	Bromochloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
67-66-3	Chloroform	20.2		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
71-55-6	1,1,1-Trichloroethane	19.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
108-87-2	Methylcyclohexane	17.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
71-43-2	Benzene	17.8		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
107-06-2	1,2-Dichloroethane	20.6		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	11/10/25 11:49	VX111025
78-87-5	1,2-Dichloropropane	19.9		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
75-27-4	Bromodichloromethane	21.0		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 11:49	VX111025
108-88-3	Toluene	20.7		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.17	1.00	ug/L	11/10/25 11:49	VX111025
10061-01-5	cis-1,3-Dichloropropene	21.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-00-5	1,1,2-Trichloroethane	22.1		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/10/25 11:49	VX111025
124-48-1	Dibromochloromethane	21.3		1	0.18	1.00	ug/L	11/10/25 11:49	VX111025
106-93-4	1,2-Dibromoethane	21.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
127-18-4	Tetrachloroethene	17.4		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
108-90-7	Chlorobenzene	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
100-41-4	Ethyl Benzene	18.0		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	11/10/25 11:49	VX111025
95-47-6	o-Xylene	17.9		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
100-42-5	Styrene	18.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025

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:	VX1110WBS01			SDG No.:	Q3584
Lab Sample ID:	VX1110WBS01			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	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
106-46-7	1,4-Dichlorobenzene	18.1		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1	0.53	1.00	ug/L	11/10/25 11:49	VX111025
120-82-1	1,2,4-Trichlorobenzene	21.5		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
87-61-6	1,2,3-Trichlorobenzene	17.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.8			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	52.5			70 (86) - 130 (113)	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.3			70 (77) - 130 (121)	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	243000							
3114-55-4	Chlorobenzene-d5	220000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

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: **VX048552.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:	VX1111WBS01			SDG No.:	Q3584
Lab Sample ID:	VX1111WBS01			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	21.0		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
74-87-3	Chloromethane	19.0		1	0.32	1.00	ug/L	11/11/25 10:35	VX111125
75-01-4	Vinyl Chloride	18.8		1	0.26	1.00	ug/L	11/11/25 10:35	VX111125
74-83-9	Bromomethane	21.1		1	1.40	5.00	ug/L	11/11/25 10:35	VX111125
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/11/25 10:35	VX111125
75-69-4	Trichlorofluoromethane	18.0		1	0.33	1.00	ug/L	11/11/25 10:35	VX111125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
67-64-1	Acetone	90.7		1	1.50	5.00	ug/L	11/11/25 10:35	VX111125
75-15-0	Carbon Disulfide	17.5		1	0.21	1.00	ug/L	11/11/25 10:35	VX111125
1634-04-4	Methyl tert-butyl Ether	18.2		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
79-20-9	Methyl Acetate	17.3		1	0.27	1.00	ug/L	11/11/25 10:35	VX111125
75-09-2	Methylene Chloride	18.4		1	0.28	1.00	ug/L	11/11/25 10:35	VX111125
156-60-5	trans-1,2-Dichloroethene	18.3		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
75-34-3	1,1-Dichloroethane	18.6		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
110-82-7	Cyclohexane	17.7		1	1.50	5.00	ug/L	11/11/25 10:35	VX111125
78-93-3	2-Butanone	89.3		1	0.98	5.00	ug/L	11/11/25 10:35	VX111125
56-23-5	Carbon Tetrachloride	15.6		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
156-59-2	cis-1,2-Dichloroethene	17.5		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
67-66-3	Chloroform	17.8		1	0.25	1.00	ug/L	11/11/25 10:35	VX111125
71-55-6	1,1,1-Trichloroethane	17.3		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
108-87-2	Methylcyclohexane	17.4		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
71-43-2	Benzene	16.3		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
107-06-2	1,2-Dichloroethane	16.7		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
79-01-6	Trichloroethene	17.4		1	0.090	1.00	ug/L	11/11/25 10:35	VX111125
78-87-5	1,2-Dichloropropane	18.3		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
75-27-4	Bromodichloromethane	19.1		1	0.22	1.00	ug/L	11/11/25 10:35	VX111125
108-10-1	4-Methyl-2-Pentanone	96.6		1	0.68	5.00	ug/L	11/11/25 10:35	VX111125
108-88-3	Toluene	19.7		1	0.14	1.00	ug/L	11/11/25 10:35	VX111125
10061-02-6	t-1,3-Dichloropropene	18.4		1	0.17	1.00	ug/L	11/11/25 10:35	VX111125
10061-01-5	cis-1,3-Dichloropropene	19.2		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
79-00-5	1,1,2-Trichloroethane	20.1		1	0.21	1.00	ug/L	11/11/25 10:35	VX111125
591-78-6	2-Hexanone	94.8		1	0.89	5.00	ug/L	11/11/25 10:35	VX111125
124-48-1	Dibromochloromethane	19.1		1	0.18	1.00	ug/L	11/11/25 10:35	VX111125
106-93-4	1,2-Dibromoethane	19.8		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
127-18-4	Tetrachloroethene	16.2		1	0.23	1.00	ug/L	11/11/25 10:35	VX111125
108-90-7	Chlorobenzene	17.1		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
100-41-4	Ethyl Benzene	16.7		1	0.13	1.00	ug/L	11/11/25 10:35	VX111125
179601-23-1	m/p-Xylenes	35.0		1	0.24	2.00	ug/L	11/11/25 10:35	VX111125
95-47-6	o-Xylene	17.1		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
100-42-5	Styrene	17.6		1	0.15	1.00	ug/L	11/11/25 10:35	VX111125
75-25-2	Bromoform	16.7		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125

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:	VX1111WBS01			SDG No.:	Q3584
Lab Sample ID:	VX1111WBS01			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	17.9		1	0.12	1.00	ug/L	11/11/25 10:35	VX111125
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1	0.26	1.00	ug/L	11/11/25 10:35	VX111125
541-73-1	1,3-Dichlorobenzene	17.7		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
106-46-7	1,4-Dichlorobenzene	17.6		1	0.19	1.00	ug/L	11/11/25 10:35	VX111125
95-50-1	1,2-Dichlorobenzene	17.5		1	0.16	1.00	ug/L	11/11/25 10:35	VX111125
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	0.53	1.00	ug/L	11/11/25 10:35	VX111125
120-82-1	1,2,4-Trichlorobenzene	17.0		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
87-61-6	1,2,3-Trichlorobenzene	16.8		1	0.20	1.00	ug/L	11/11/25 10:35	VX111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.0			70 (74) - 130 (125)	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.1			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	51.5			70 (86) - 130 (113)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.7			70 (77) - 130 (121)	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	187000							
540-36-3	1,4-Difluorobenzene	321000							
3114-55-4	Chlorobenzene-d5	287000							
3855-82-1	1,4-Dichlorobenzene-d4	142000							

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: **VX048531.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:	VX1110WBSD01			SDG No.:	Q3584
Lab Sample ID:	VX1110WBSD01			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	14.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
74-87-3	Chloromethane	15.8		1	0.32	1.00	ug/L	11/10/25 12:16	VX111025
75-01-4	Vinyl Chloride	16.8		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
74-83-9	Bromomethane	21.5		1	1.40	5.00	ug/L	11/10/25 12:16	VX111025
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/10/25 12:16	VX111025
75-69-4	Trichlorofluoromethane	17.6		1	0.33	1.00	ug/L	11/10/25 12:16	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
67-64-1	Acetone	91.0		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
75-15-0	Carbon Disulfide	17.3		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
1634-04-4	Methyl tert-butyl Ether	18.9		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-20-9	Methyl Acetate	18.3		1	0.27	1.00	ug/L	11/10/25 12:16	VX111025
75-09-2	Methylene Chloride	18.4		1	0.28	1.00	ug/L	11/10/25 12:16	VX111025
156-60-5	trans-1,2-Dichloroethene	17.7		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
75-34-3	1,1-Dichloroethane	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
110-82-7	Cyclohexane	18.4		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
78-93-3	2-Butanone	98.1		1	0.98	5.00	ug/L	11/10/25 12:16	VX111025
56-23-5	Carbon Tetrachloride	16.9		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
156-59-2	cis-1,2-Dichloroethene	18.1		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
74-97-5	Bromochloromethane	17.2		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
67-66-3	Chloroform	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
71-55-6	1,1,1-Trichloroethane	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
108-87-2	Methylcyclohexane	17.8		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
71-43-2	Benzene	17.4		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
107-06-2	1,2-Dichloroethane	18.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
79-01-6	Trichloroethene	18.5		1	0.090	1.00	ug/L	11/10/25 12:16	VX111025
78-87-5	1,2-Dichloropropane	19.1		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 12:16	VX111025
108-88-3	Toluene	20.5		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
10061-02-6	t-1,3-Dichloropropene	19.0		1	0.17	1.00	ug/L	11/10/25 12:16	VX111025
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-00-5	1,1,2-Trichloroethane	21.0		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/10/25 12:16	VX111025
124-48-1	Dibromochloromethane	20.0		1	0.18	1.00	ug/L	11/10/25 12:16	VX111025
106-93-4	1,2-Dibromoethane	20.9		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
127-18-4	Tetrachloroethene	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
108-90-7	Chlorobenzene	18.4		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
100-41-4	Ethyl Benzene	18.2		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
179601-23-1	m/p-Xylenes	38.0		1	0.24	2.00	ug/L	11/10/25 12:16	VX111025
95-47-6	o-Xylene	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
100-42-5	Styrene	19.1		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025

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:	VX1110WBSD01			SDG No.:	Q3584
Lab Sample ID:	VX1110WBSD01			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	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
106-46-7	1,4-Dichlorobenzene	17.9		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1	0.53	1.00	ug/L	11/10/25 12:16	VX111025
120-82-1	1,2,4-Trichlorobenzene	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
87-61-6	1,2,3-Trichlorobenzene	18.9		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.4			70 (74) - 130 (125)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.5			70 (75) - 130 (124)	91%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (86) - 130 (113)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.9			70 (77) - 130 (121)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	187000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	273000							
3855-82-1	1,4-Dichlorobenzene-d4	140000							

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.: Q3584

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.365	0.364	0.352	0.452	0.474	0.424	0.405	12.8
Chloromethane	0.603	0.457	0.425	0.581	0.565	0.592	0.537	14.2
Vinyl Chloride	0.666	0.579	0.608	0.601	0.597	0.600	0.608	4.9
Bromomethane		0.468	0.417	0.323	0.287	0.426	0.384	19.8
Chloroethane	0.465	0.419	0.397	0.370	0.357	0.383	0.398	9.8
Trichlorofluoromethane	0.982	1.030	1.019	0.919	0.939	0.886	0.963	6
1,1,2-Trichlorotrifluoroethane	0.552	0.556	0.616	0.546	0.558	0.515	0.557	5.9
1,1-Dichloroethene	0.669	0.584	0.591	0.555	0.548	0.545	0.582	8
Acetone	0.383	0.318	0.318	0.317	0.313	0.330	0.330	8.1
Carbon Disulfide	2.045	1.739	1.609	1.468	1.477	1.489	1.638	13.7
Methyl tert-butyl Ether	2.163	2.158	2.049	1.984	1.861	2.117	2.055	5.7
Methyl Acetate	1.195	0.876	0.857	0.818	0.823	0.869	0.906	15.8
Methylene Chloride	0.845	0.689	0.663	0.624	0.595	0.653	0.678	13
trans-1,2-Dichloroethene	0.700	0.650	0.612	0.585	0.557	0.598	0.617	8.3
1,1-Dichloroethane	1.255	1.247	1.124	1.083	1.041	1.102	1.142	7.8
Cyclohexane		1.001	1.004	0.896	0.910	0.867	0.936	6.7
2-Butanone	0.474	0.502	0.511	0.470	0.465	0.506	0.488	4.2
Carbon Tetrachloride	0.640	0.766	0.546	0.520	0.504	0.486	0.577	18.6
cis-1,2-Dichloroethene	0.888	0.787	0.737	0.703	0.684	0.725	0.754	9.9
Bromochloromethane	0.640	0.630	0.533	0.522	0.497	0.543	0.561	10.6
Chloroform	1.357	1.277	1.162	1.105	1.052	1.120	1.179	9.8
1,1,1-Trichloroethane	1.160	1.087	1.026	0.979	0.947	0.973	1.029	7.9
Methylcyclohexane	0.585	0.607	0.558	0.561	0.592	0.510	0.569	6
Benzene	1.745	2.038	1.468	1.396	1.369	1.408	1.571	17
1,2-Dichloroethane	0.540	0.721	0.525	0.489	0.473	0.481	0.538	17.3
Trichloroethene	0.423	0.390	0.356	0.366	0.363	0.355	0.375	7.1
1,2-Dichloropropane	0.417	0.381	0.319	0.352	0.340	0.358	0.361	9.5
Bromodichloromethane	0.517	0.598	0.446	0.539	0.510	0.543	0.526	9.5
4-Methyl-2-Pentanone	0.505	0.667	0.514	0.573	0.546	0.620	0.571	11
Toluene	0.709	0.955	0.710	0.868	0.843	0.877	0.827	11.9

* 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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.513	0.609	0.452	0.561	0.542	0.572	0.541	10
cis-1,3-Dichloropropene	0.472	0.633	0.481	0.595	0.578	0.606	0.561	12.1
1,1,2-Trichloroethane	0.289	0.373	0.286	0.345	0.329	0.361	0.330	11.1
2-Hexanone	0.360	0.487	0.390	0.429	0.416	0.464	0.425	11
Dibromochloromethane	0.347	0.468	0.351	0.428	0.404	0.436	0.406	12
1,2-Dibromoethane	0.309	0.417	0.308	0.374	0.358	0.381	0.358	11.9
Tetrachloroethene	0.444	0.364	0.352	0.344	0.348	0.327	0.363	11.4
Chlorobenzene	1.406	1.245	1.153	1.112	1.105	1.101	1.187	10.1
Ethyl Benzene	2.253	2.045	1.976	1.899	1.898	1.887	1.993	7.1
m/p-Xylenes	0.764	0.793	0.758	0.736	0.733	0.720	0.751	3.5
o-Xylene	0.795	0.746	0.721	0.714	0.726	0.703	0.734	4.5
Styrene	1.228	1.256	1.227	1.226	1.244	1.210	1.232	1.3
Bromoform	0.427	0.350	0.345	0.359	0.373	0.348	0.367	8.4
Isopropylbenzene	3.857	3.727	3.683	3.551	3.492	3.466	3.629	4.2
1,1,2,2-Tetrachloroethane	1.544	1.284	1.230	1.207	1.185	1.229	1.280	10.4
1,3-Dichlorobenzene	2.076	1.785	1.686	1.680	1.668	1.644	1.756	9.3
1,4-Dichlorobenzene	2.329	1.860	1.676	1.671	1.672	1.678	1.814	14.5
1,2-Dichlorobenzene	1.944	1.695	1.611	1.627	1.616	1.624	1.686	7.7
1,2-Dibromo-3-Chloropropane	0.304	0.308	0.294	0.298	0.285	0.297	0.297	2.7
1,2,4-Trichlorobenzene	1.353	1.032	1.057	1.097	1.117	1.066	1.120	10.5
1,2,3-Trichlorobenzene	1.170	0.973	0.994	1.049	1.051	1.016	1.042	6.7
1,2-Dichloroethane-d4		0.775	0.723	0.677	0.623	0.685	0.697	8.1
Dibromofluoromethane		0.484	0.374	0.356	0.327	0.351	0.378	16.2
Toluene-d8		1.341	1.021	1.210	1.128	1.202	1.180	10
4-Bromofluorobenzene		0.523	0.365	0.445	0.423	0.443	0.440	12.9

* 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 CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3584
Instrument ID: MSVOA_X
Calibration Date/Time: 11/10/2025 09:36
Lab File ID: VX048527.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.480		18.52	20
Chloromethane	0.537	0.565	0.1	5.21	20
Vinyl Chloride	0.608	0.621		2.14	20
Bromomethane	0.384	0.424		10.42	20
Chloroethane	0.398	0.393		-1.26	20
Trichlorofluoromethane	0.963	0.965		0.21	20
1,1,2-Trichlorotrifluoroethane	0.557	0.576		3.41	20
1,1-Dichloroethene	0.582	0.562		-3.44	20
Acetone	0.330	0.343		3.94	20
Carbon Disulfide	1.638	1.516		-7.45	20
Methyl tert-butyl Ether	2.055	2.069		0.68	20
Methyl Acetate	0.906	0.850		-6.18	20
Methylene Chloride	0.678	0.639		-5.75	20
trans-1,2-Dichloroethene	0.617	0.596		-3.4	20
1,1-Dichloroethane	1.142	1.122	0.1	-1.75	20
Cyclohexane	0.936	0.927		-0.96	20
2-Butanone	0.488	0.511		4.71	20
Carbon Tetrachloride	0.577	0.527		-8.67	20
cis-1,2-Dichloroethene	0.754	0.725		-3.85	20
Bromochloromethane	0.561	0.484		-13.73	20
Chloroform	1.179	1.127		-4.41	20
1,1,1-Trichloroethane	1.029	0.979		-4.86	20
Methylcyclohexane	0.569	0.601		5.62	20
Benzene	1.571	1.482		-5.66	20
1,2-Dichloroethane	0.538	0.510		-5.2	20
Trichloroethene	0.375	0.381		1.6	20
1,2-Dichloropropane	0.361	0.377		4.43	20
Bromodichloromethane	0.526	0.561		6.65	20
4-Methyl-2-Pentanone	0.571	0.642		12.43	20
Toluene	0.827	0.921		11.37	20
t-1,3-Dichloropropene	0.541	0.584		7.95	20
cis-1,3-Dichloropropene	0.561	0.625		11.41	20
1,1,2-Trichloroethane	0.330	0.369		11.82	20
2-Hexanone	0.425	0.474		11.53	20
Dibromochloromethane	0.406	0.451		11.08	20
1,2-Dibromoethane	0.358	0.397		10.89	20
Tetrachloroethene	0.363	0.364		0.28	20
Chlorobenzene	1.187	1.191	0.3	0.34	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: MSVOA_X Calibration Date/Time: 11/10/2025 09:36

Lab File ID: VX048527.D Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	2.013		1	20
m/p-Xylenes	0.751	0.779		3.73	20
o-Xylene	0.734	0.763		3.95	20
Styrene	1.232	1.286		4.38	20
Bromoform	0.367	0.373	0.1	1.63	20
Isopropylbenzene	3.629	3.726		2.67	20
1,1,2,2-Tetrachloroethane	1.280	1.279	0.3	-0.08	20
1,3-Dichlorobenzene	1.756	1.740		-0.91	20
1,4-Dichlorobenzene	1.814	1.782		-1.76	20
1,2-Dichlorobenzene	1.686	1.710		1.42	20
1,2-Dibromo-3-Chloropropane	0.297	0.312		5.05	20
1,2,4-Trichlorobenzene	1.120	1.177		5.09	20
1,2,3-Trichlorobenzene	1.042	1.088		4.41	20
1,2-Dichloroethane-d4	0.697	0.616		-11.62	20
Dibromofluoromethane	0.378	0.321		-15.08	20
Toluene-d8	1.180	1.100		-6.78	20
4-Bromofluorobenzene	0.440	0.405		-7.95	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3584
Instrument ID: MSVOA_X
Calibration Date/Time: 11/11/2025 09:11
Lab File ID: VX048549.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.466		15.06	20
Chloromethane	0.537	0.528	0.1	-1.68	20
Vinyl Chloride	0.608	0.597		-1.81	20
Bromomethane	0.384	0.402		4.69	20
Chloroethane	0.398	0.362		-9.05	20
Trichlorofluoromethane	0.963	0.932		-3.22	20
1,1,2-Trichlorotrifluoroethane	0.557	0.572		2.69	20
1,1-Dichloroethene	0.582	0.565		-2.92	20
Acetone	0.330	0.355		7.58	20
Carbon Disulfide	1.638	1.499		-8.49	20
Methyl tert-butyl Ether	2.055	2.037		-0.88	20
Methyl Acetate	0.906	0.818		-9.71	20
Methylene Chloride	0.678	0.631		-6.93	20
trans-1,2-Dichloroethene	0.617	0.595		-3.57	20
1,1-Dichloroethane	1.142	1.079	0.1	-5.52	20
Cyclohexane	0.936	0.909		-2.88	20
2-Butanone	0.488	0.483		-1.02	20
Carbon Tetrachloride	0.577	0.547		-5.2	20
cis-1,2-Dichloroethene	0.754	0.722		-4.24	20
Bromochloromethane	0.561	0.501		-10.69	20
Chloroform	1.179	1.110		-5.85	20
1,1,1-Trichloroethane	1.029	0.988		-3.98	20
Methylcyclohexane	0.569	0.596		4.74	20
Benzene	1.571	1.454		-7.45	20
1,2-Dichloroethane	0.538	0.509		-5.39	20
Trichloroethene	0.375	0.381		1.6	20
1,2-Dichloropropane	0.361	0.368		1.94	20
Bromodichloromethane	0.526	0.558		6.08	20
4-Methyl-2-Pentanone	0.571	0.616		7.88	20
Toluene	0.827	0.915		10.64	20
t-1,3-Dichloropropene	0.541	0.577		6.65	20
cis-1,3-Dichloropropene	0.561	0.615		9.63	20
1,1,2-Trichloroethane	0.330	0.375		13.64	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.406	0.462		13.79	20
1,2-Dibromoethane	0.358	0.408		13.97	20
Tetrachloroethene	0.363	0.375		3.31	20
Chlorobenzene	1.187	1.189	0.3	0.17	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: MSVOA_X Calibration Date/Time: 11/11/2025 09:11

Lab File ID: VX048549.D Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.993	1.994		0.05	20
m/p-Xylenes	0.751	0.769		2.4	20
o-Xylene	0.734	0.745		1.5	20
Styrene	1.232	1.280		3.9	20
Bromoform	0.367	0.379	0.1	3.27	20
Isopropylbenzene	3.629	3.739		3.03	20
1,1,2,2-Tetrachloroethane	1.280	1.273	0.3	-0.55	20
1,3-Dichlorobenzene	1.756	1.772		0.91	20
1,4-Dichlorobenzene	1.814	1.786		-1.54	20
1,2-Dichlorobenzene	1.686	1.672		-0.83	20
1,2-Dibromo-3-Chloropropane	0.297	0.296		-0.34	20
1,2,4-Trichlorobenzene	1.120	1.127		0.63	20
1,2,3-Trichlorobenzene	1.042	1.050		0.77	20
1,2-Dichloroethane-d4	0.697	0.650		-6.74	20
Dibromofluoromethane	0.378	0.350		-7.41	20
Toluene-d8	1.180	1.199		1.61	20
4-Bromofluorobenzene	0.440	0.440		0	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_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Nov 11 00:47:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

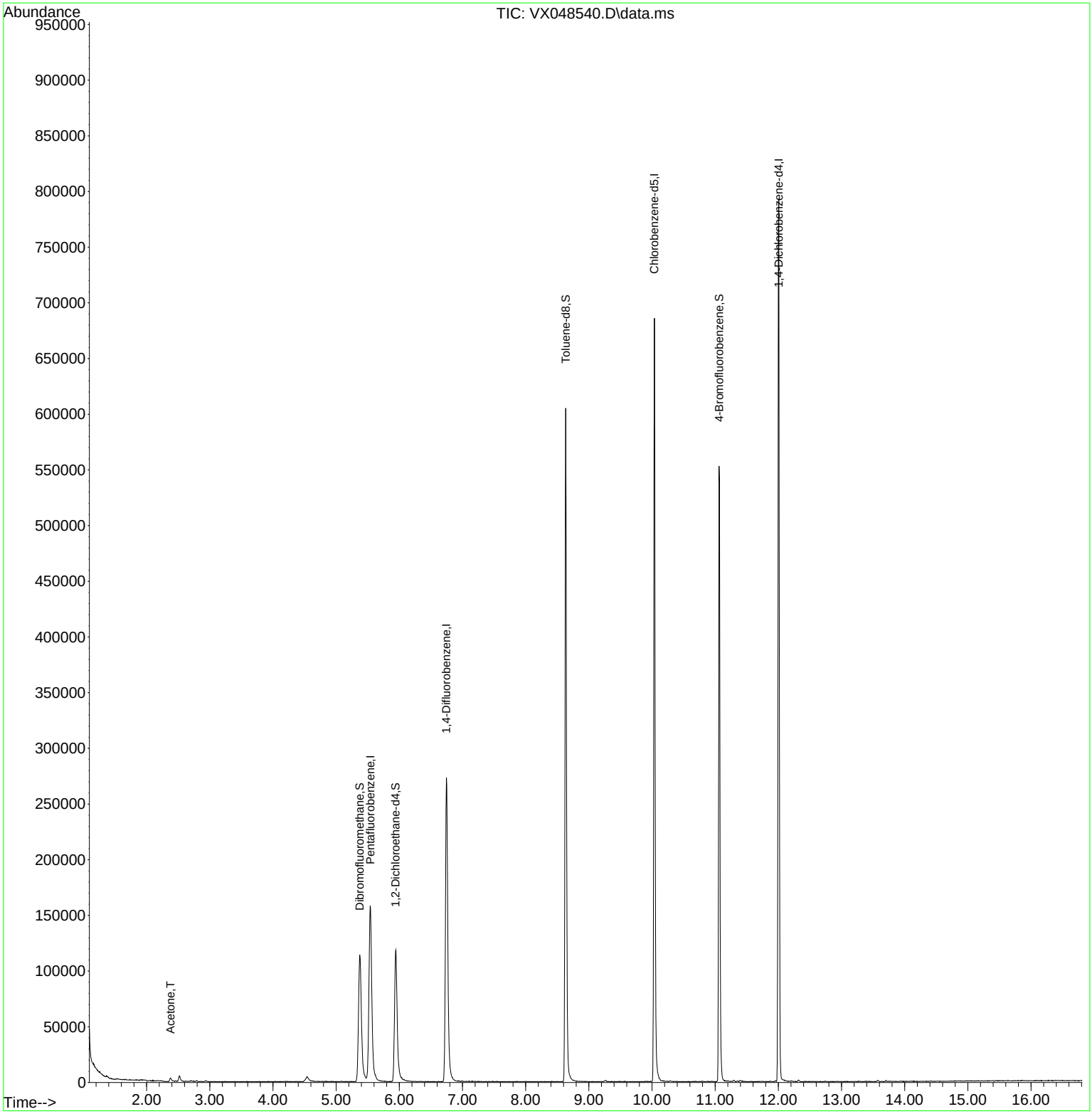
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	172124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127889	53.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.640%			
35) Dibromofluoromethane	5.373	113	115768	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.635	98	384460	50.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.061	95	167170	59.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.600%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4551	4.009	ug/l	91

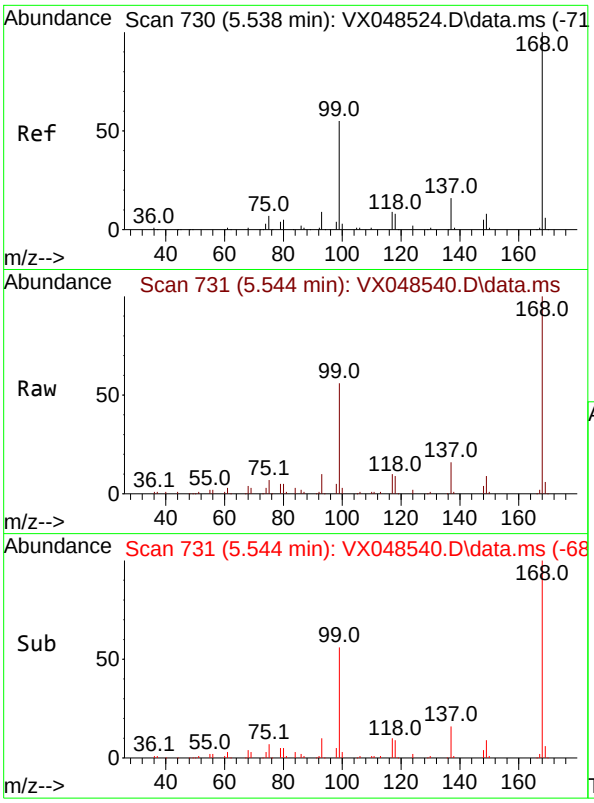
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Time: Nov 11 00:47:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



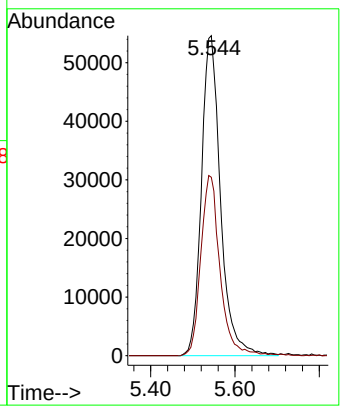


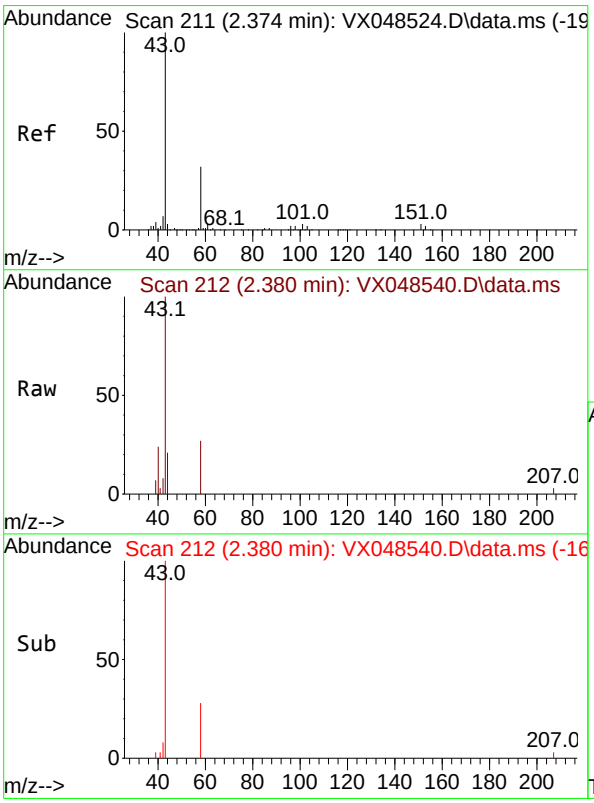
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:168 Resp: 172124

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

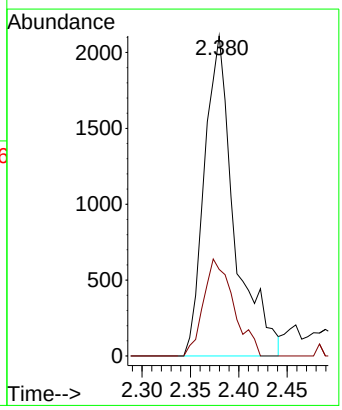




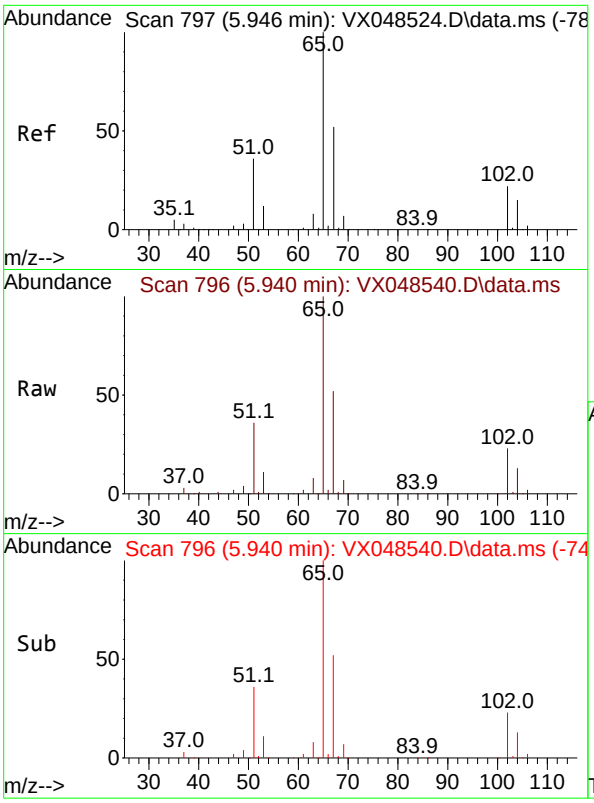
#16
Acetone
Concen: 4.009 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 43 Resp: 4551

Ion	Ratio	Lower	Upper
43	100		
58	27.1	25.8	38.6



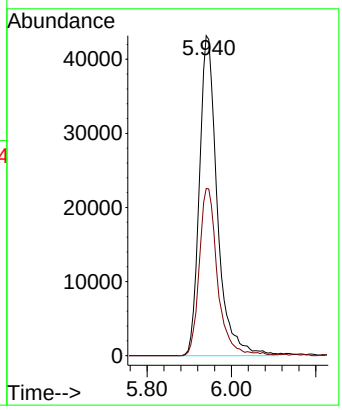
Instrument :
MSVOA_X
ClientSampleId :
SW-1

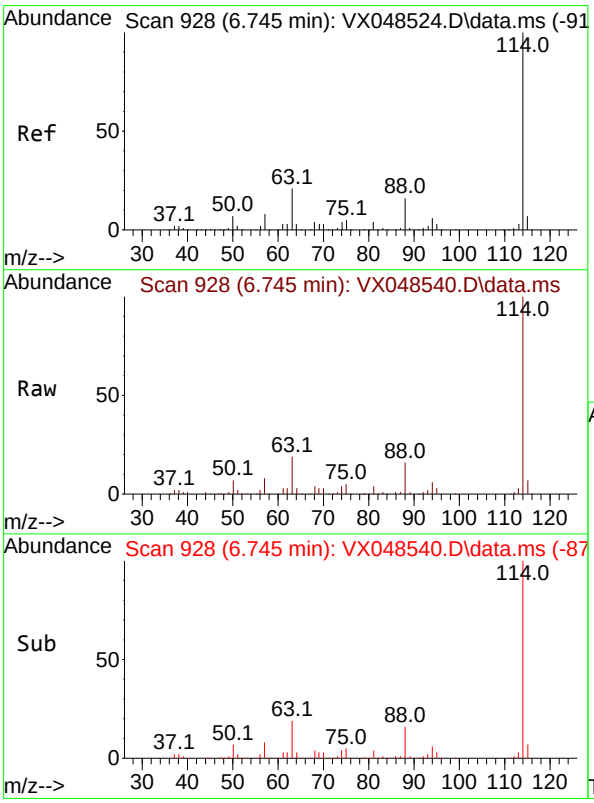


#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 65 Resp: 127889

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

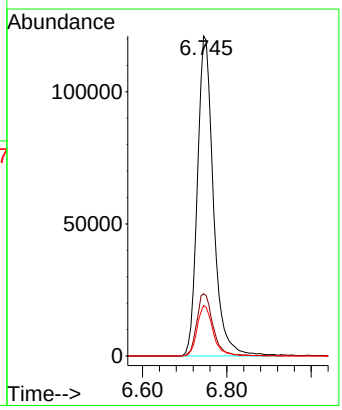


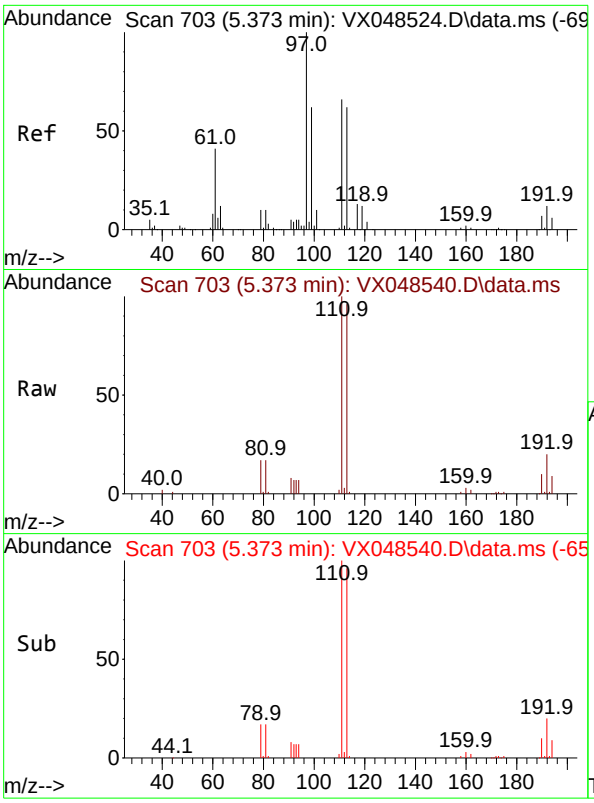


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion:114 Resp: 320476

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.2
88	15.8	0.0	32.2



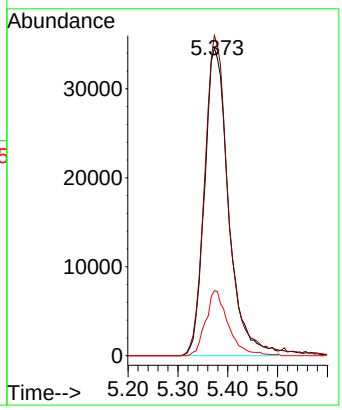


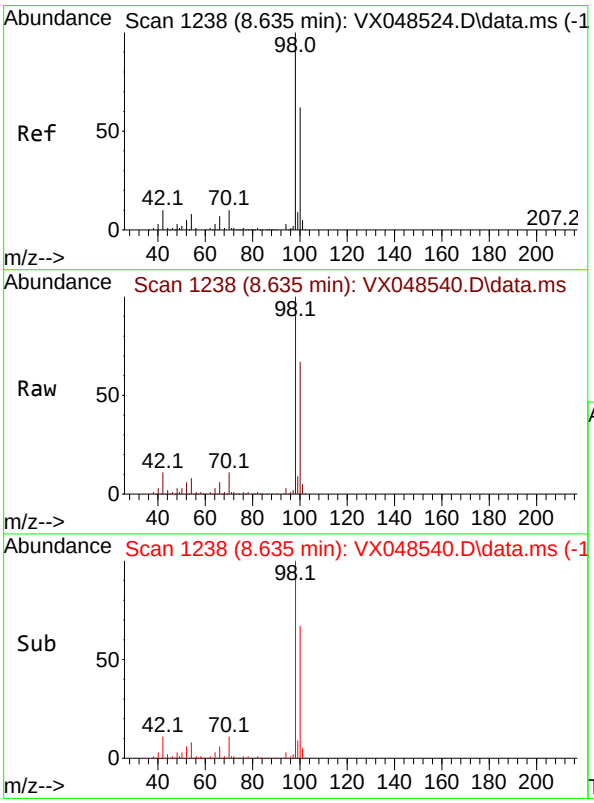
#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:113 Resp: 115768

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	19.9	15.8	23.6

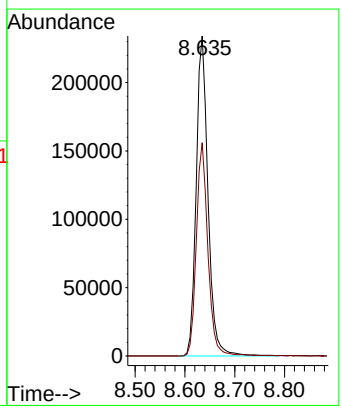


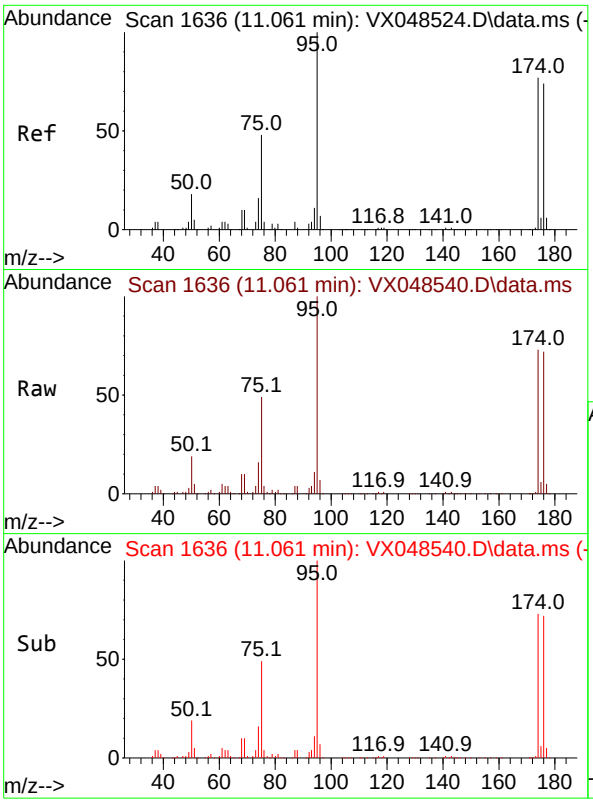


#50
Toluene-d8
Concen: 50.821 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 98 Resp: 384460

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.6	80.4



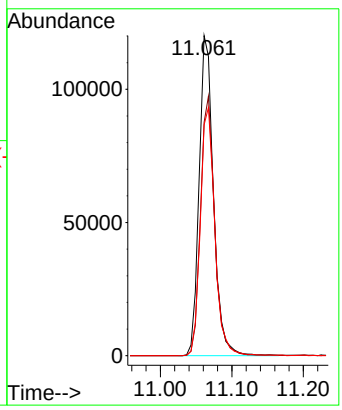


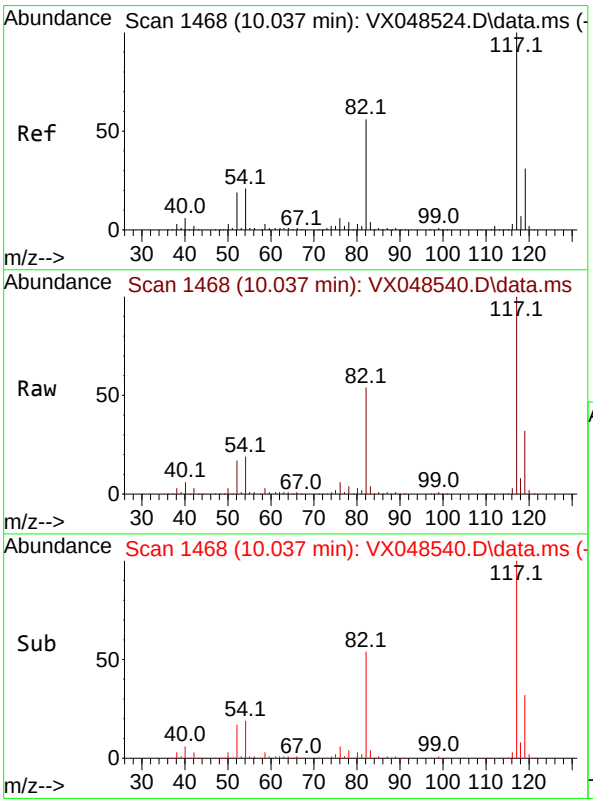
#62
4-Bromofluorobenzene
Concen: 59.297 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 95 Resp: 167170

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.8
176	78.4	0.0	153.6

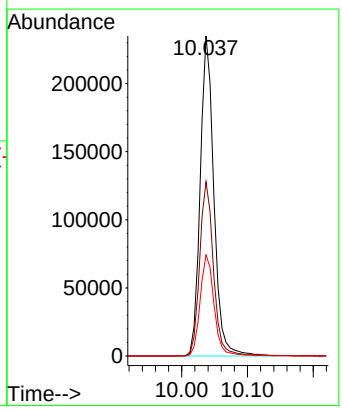


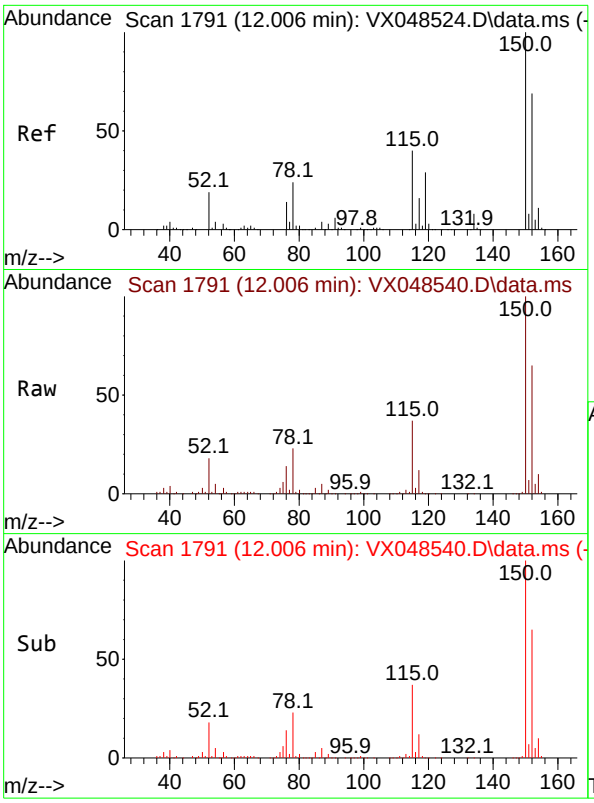


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion:117 Resp: 339849

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.4	66.6
119	31.6	25.1	37.7



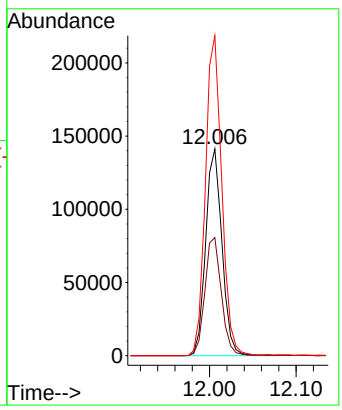


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 185006

Ion	Ratio	Lower	Upper
152	100		
115	57.8	39.2	117.6
150	154.4	0.0	347.0



Sample Results: **VX048540.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.538	556	566	574	rBV	4570	14700	1.38%	0.254%
2	5.373	692	703	719	rBV	113901	370547	34.75%	6.401%
3	5.538	720	730	756	rVB	157509	497248	46.63%	8.589%
4	5.946	784	797	811	rBV	118383	346942	32.53%	5.993%
5	6.745	919	928	951	rBV	273159	717139	67.25%	12.388%
6	8.635	1231	1238	1257	rBV	604679	990713	92.90%	17.113%
7	10.037	1462	1468	1484	rBV	685104	1001842	93.94%	17.306%
8	11.061	1631	1636	1650	rBV	552179	783569	73.47%	13.535%
9	12.006	1785	1791	1800	rBV	792513	1066450	100.00%	18.422%

Sum of corrected areas: 5789150

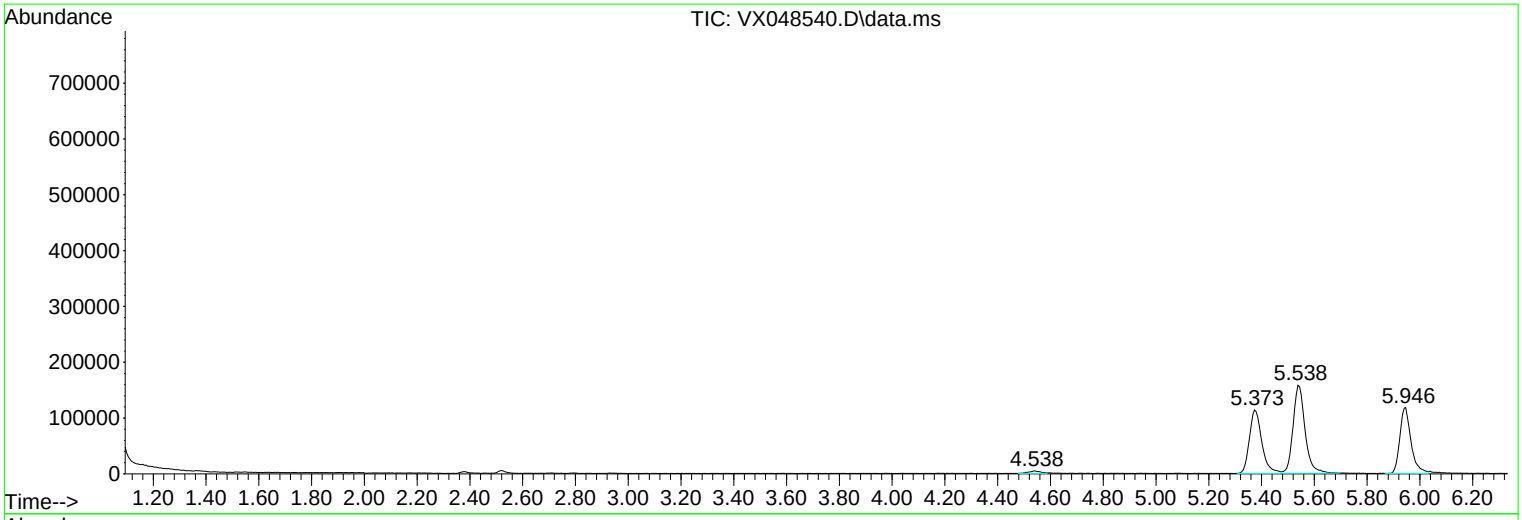
Sample Results: **VX048540.D**

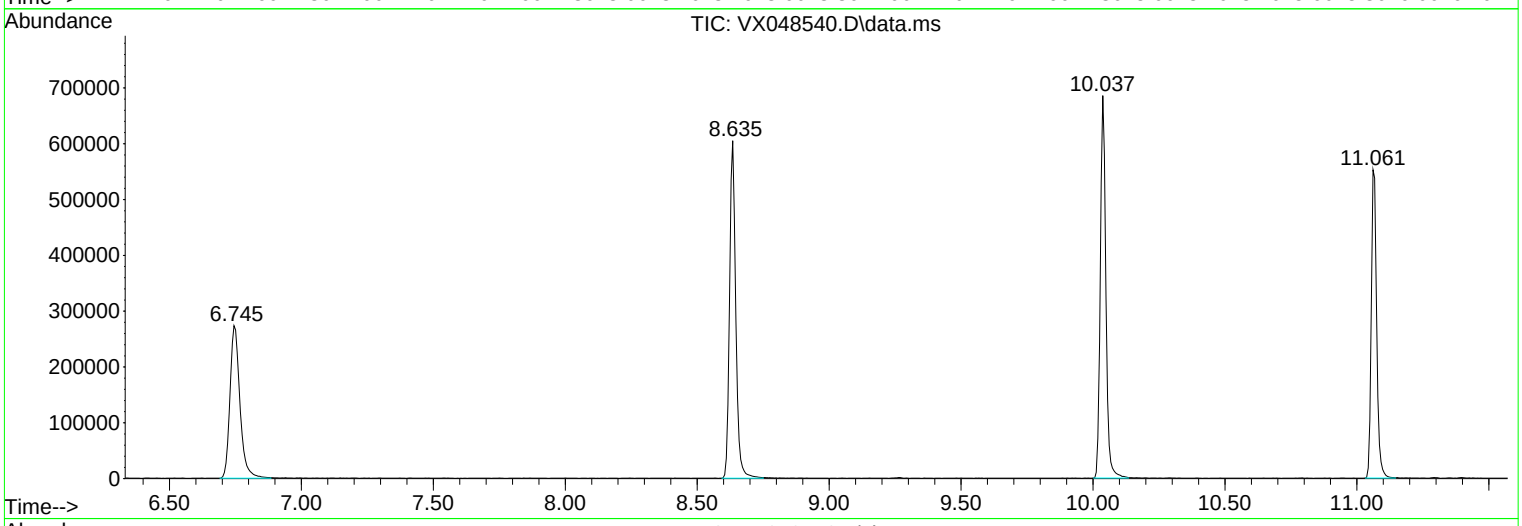
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

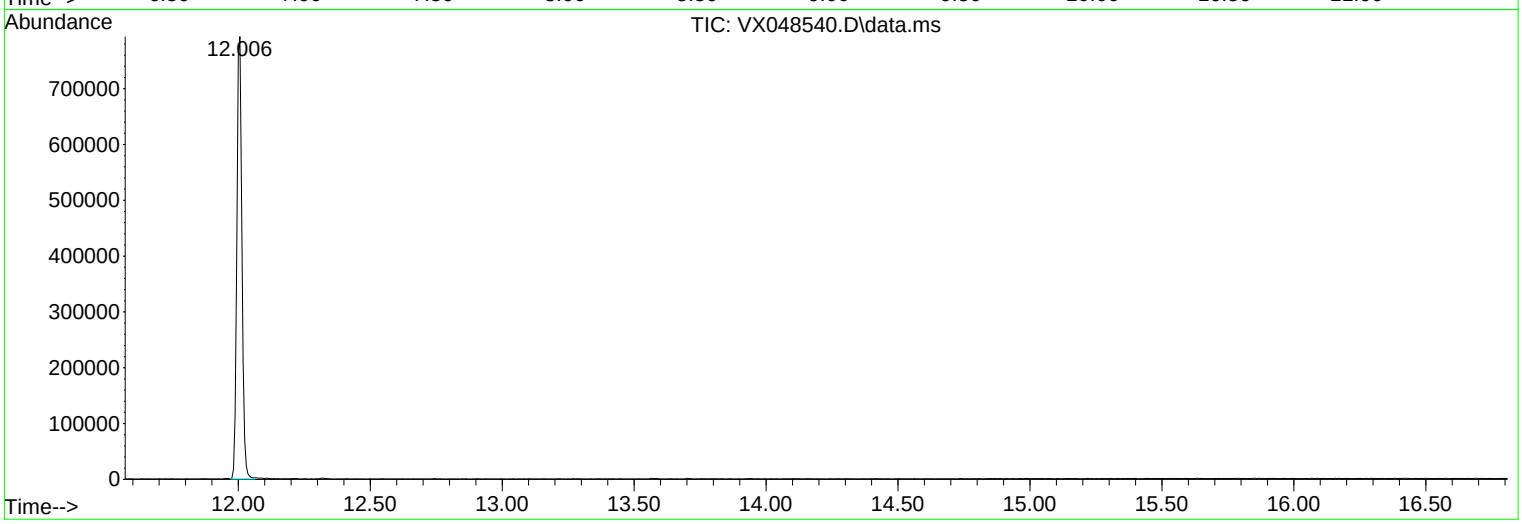
Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048540.D
Acq On : 10 Nov 2025 15:27
Operator : JC/MD
Sample : Q3584-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Time: Nov 11 00:48:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

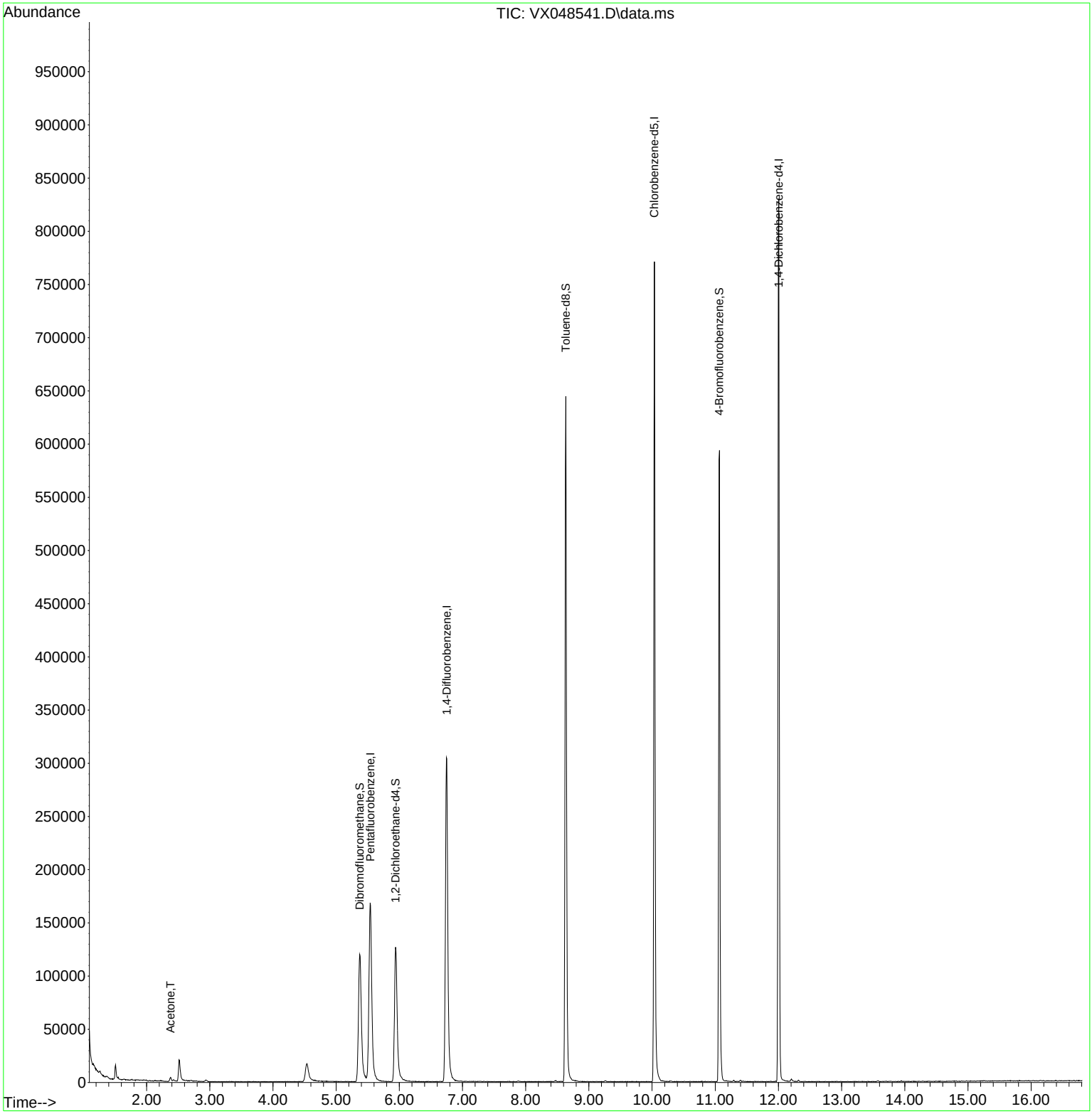
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	180936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	361159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	362263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	139961	55.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.020%			
35) Dibromofluoromethane	5.373	113	123372	45.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.260%			
50) Toluene-d8	8.635	98	411539	48.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.540%			
62) 4-Bromofluorobenzene	11.061	95	178249	56.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.200%			
Target Compounds						Qvalue
16) Acetone	2.380	43	5388	4.515	ug/l	93

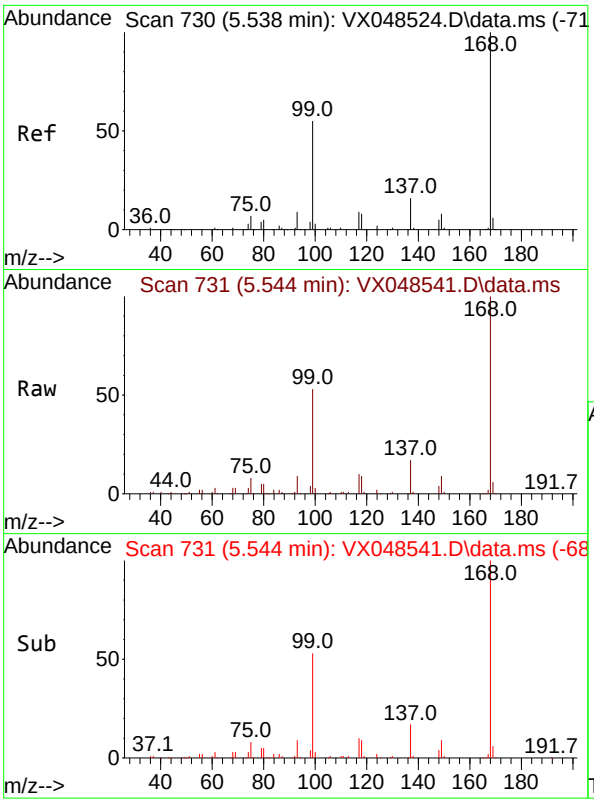
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Time: Nov 11 00:48:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



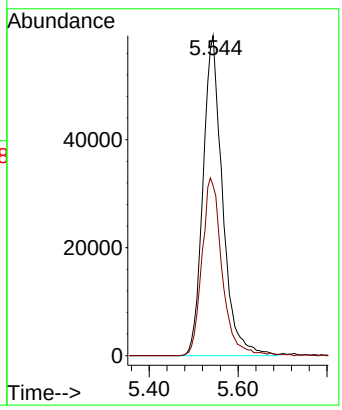


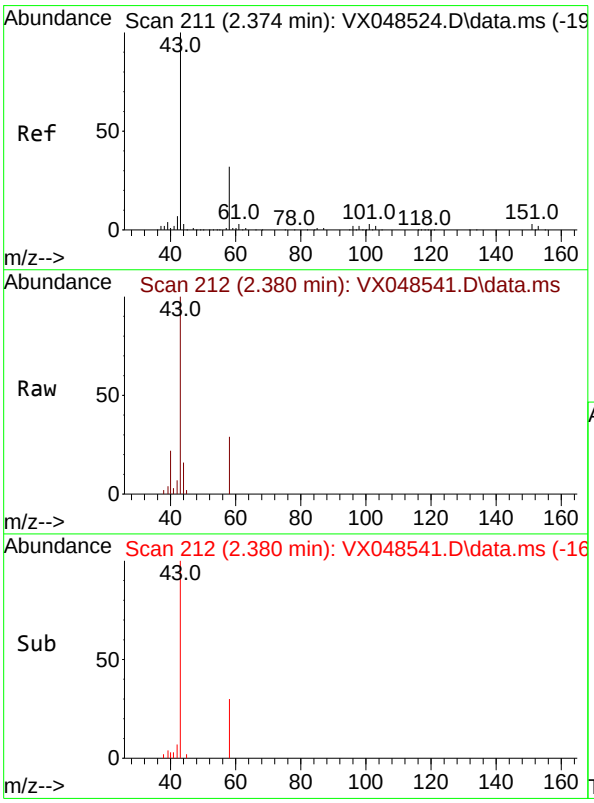
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:168 Resp: 180936

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.2	67.8

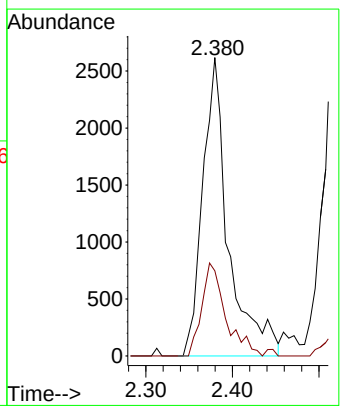




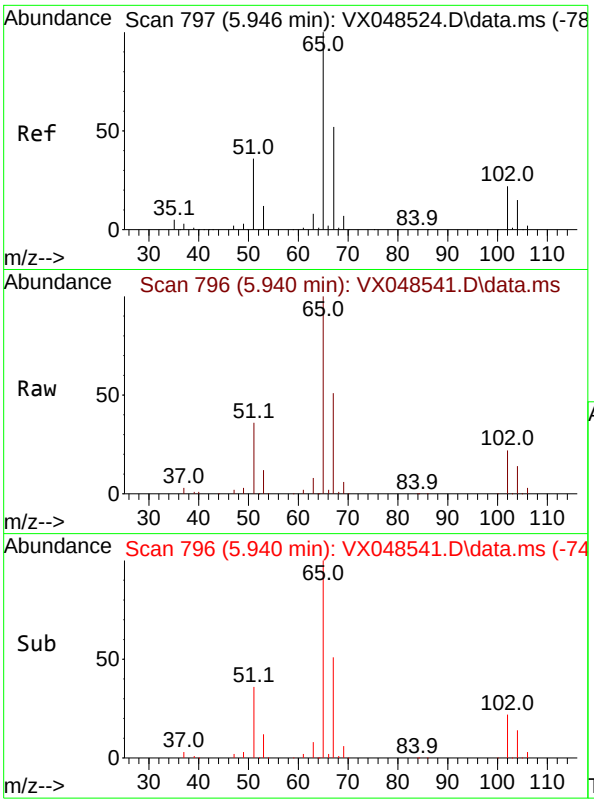
#16
Acetone
Concen: 4.515 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 43 Resp: 5388

Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.8	38.6



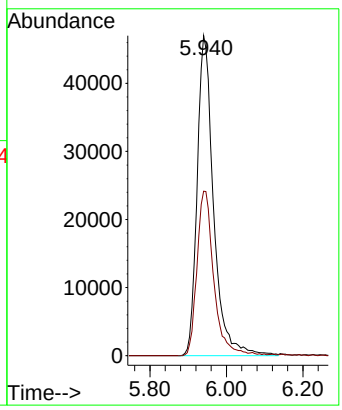
Instrument :
MSVOA_X
ClientSampleId :
SW-2

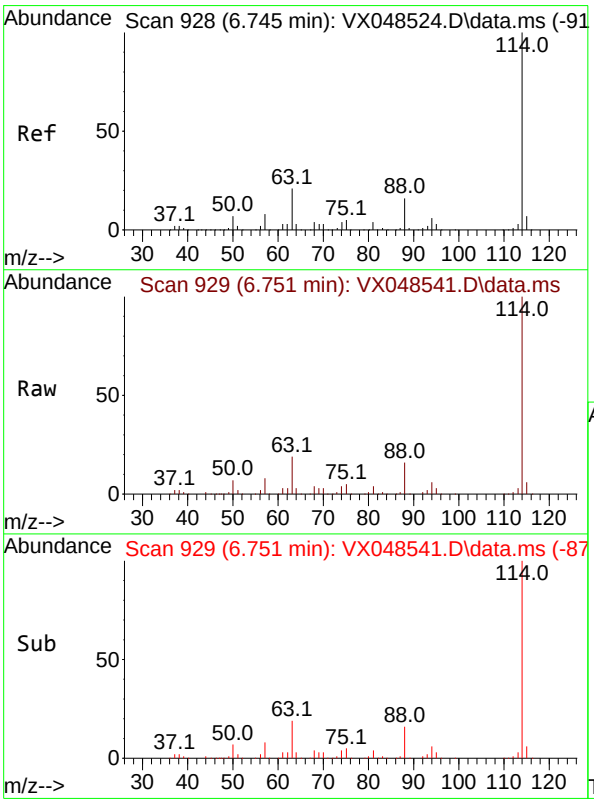


#33
1,2-Dichloroethane-d4
Concen: 55.514 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 65 Resp: 139961

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2

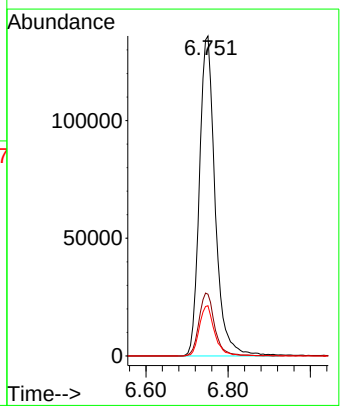


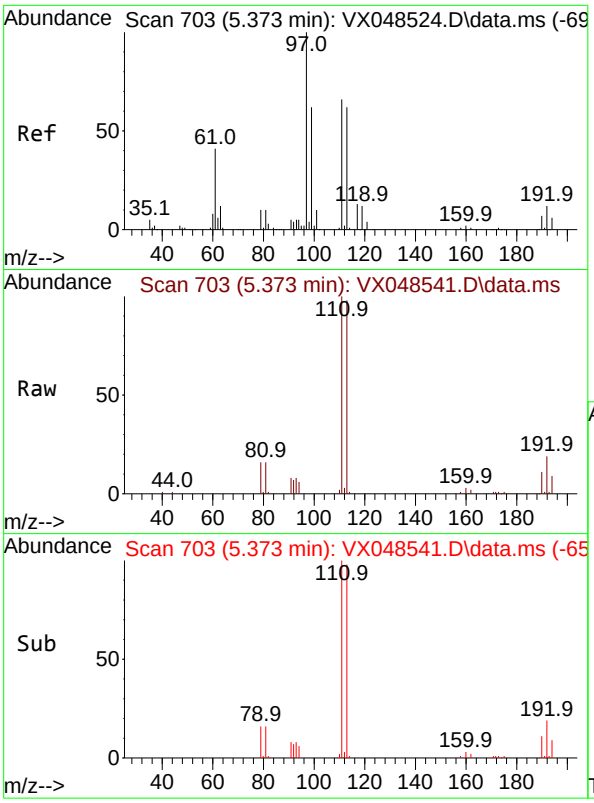


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion:114 Resp: 361159

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.7	0.0	32.2



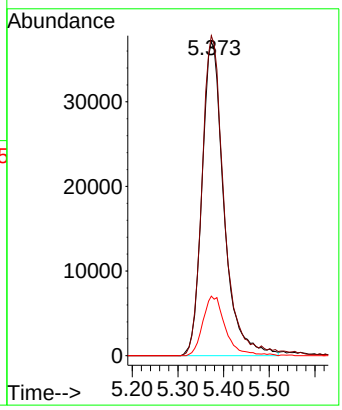


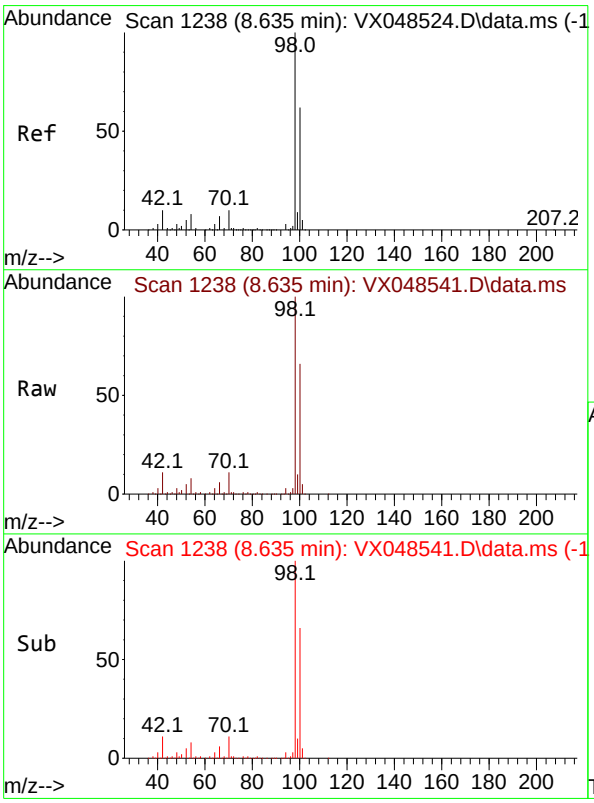
#35
Dibromofluoromethane
Concen: 45.134 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:113 Resp: 123372

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	19.3	15.8	23.6

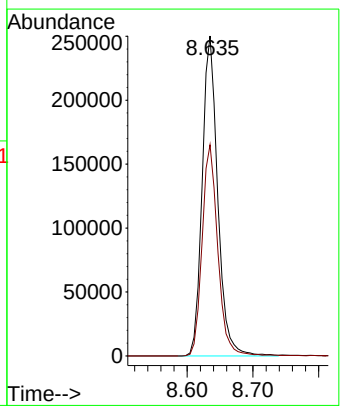


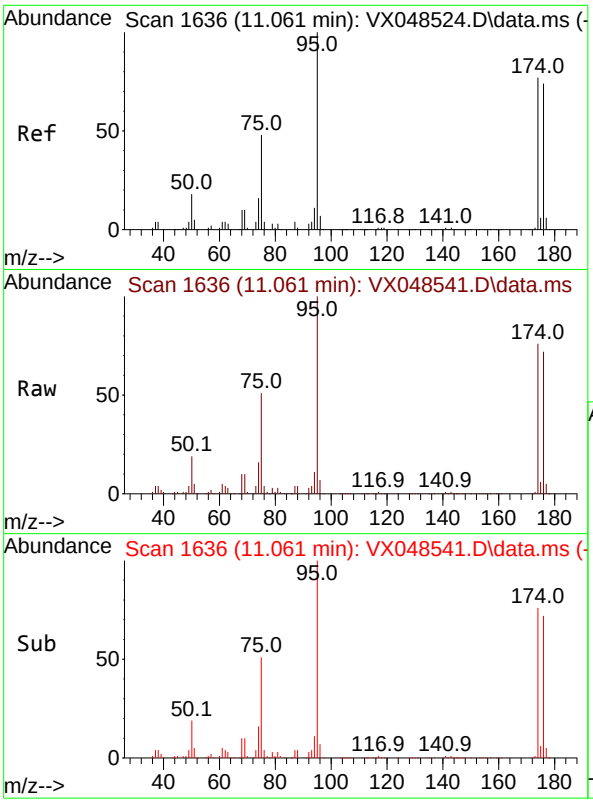


#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 98 Resp: 411539

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.6	80.4



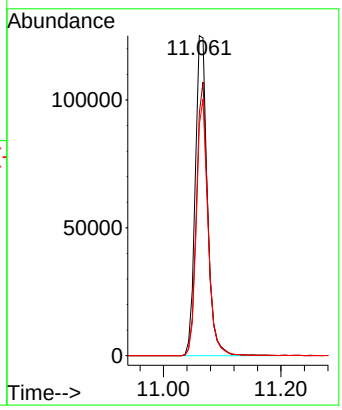


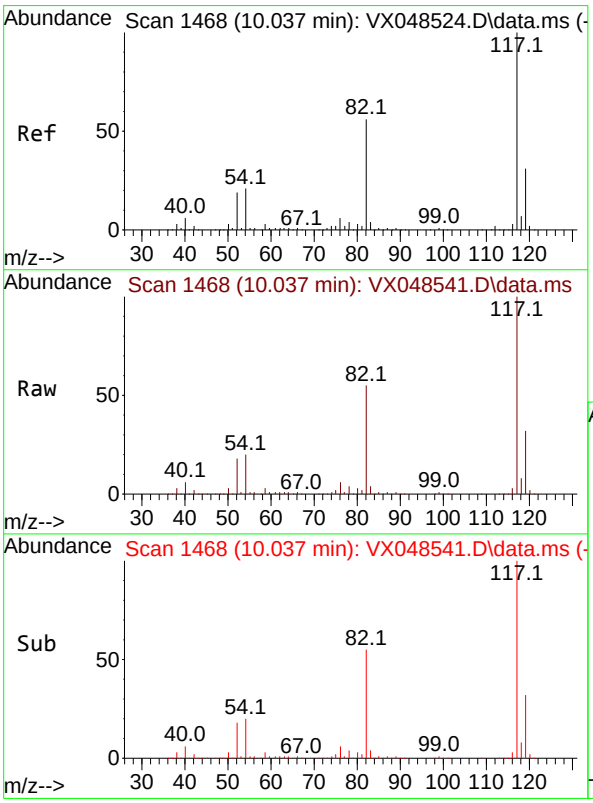
#62
4-Bromofluorobenzene
Concen: 56.105 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion: 95 Resp: 178249

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.8
176	77.1	0.0	153.6

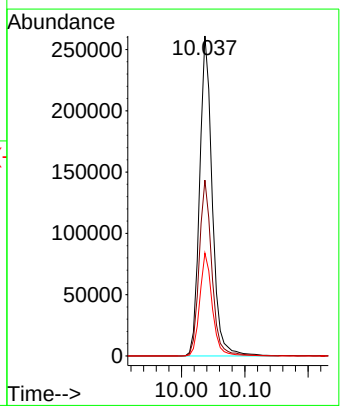


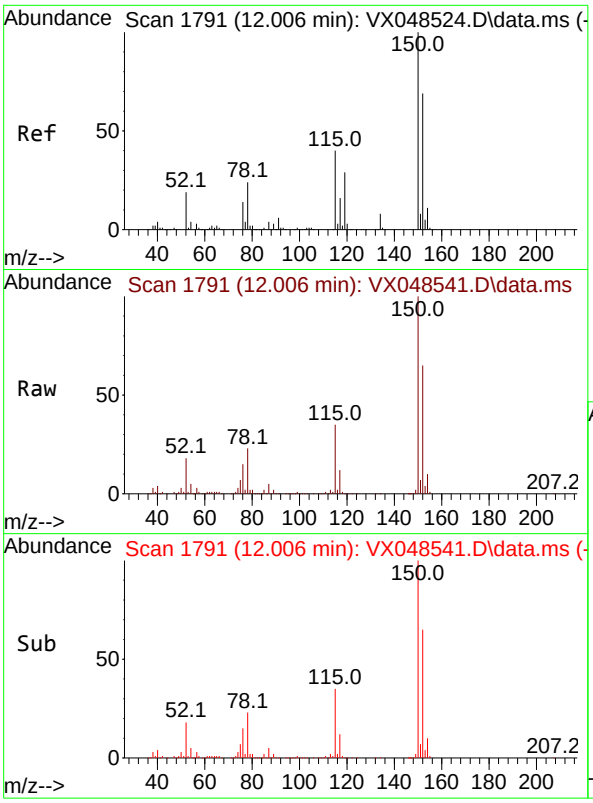


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion:117 Resp: 362263

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	32.1	25.1	37.7



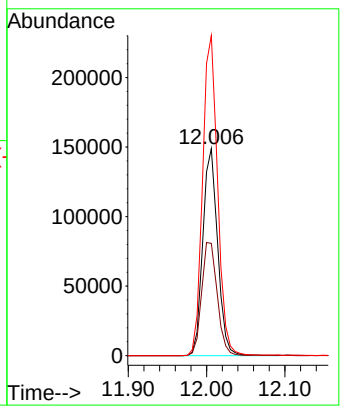


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 195935

Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.2	117.6
150	156.0	0.0	347.0



Sample Results: **VX048541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.508	62	69	75	rBV	13636	20074	1.77%	0.317%
2	2.514	228	234	244	rBV	20200	42253	3.72%	0.667%
3	4.538	553	566	580	rBV2	17051	65626	5.78%	1.036%
4	5.373	692	703	720	rBV2	119529	393424	34.66%	6.214%
5	5.538	720	730	744	rVV	164963	498493	43.92%	7.873%
6	5.940	787	796	816	rBV	126204	379877	33.47%	6.000%
7	6.745	917	928	952	rBV	304594	810569	71.41%	12.802%
8	8.635	1231	1238	1256	rBV	644038	1070927	94.35%	16.914%
9	10.037	1462	1468	1486	rBV	770752	1075535	94.75%	16.987%
10	11.067	1631	1637	1651	rBV	593281	839756	73.98%	13.263%
11	12.006	1785	1791	1803	rBV	829654	1135077	100.00%	17.927%

Sum of corrected areas: 6331611

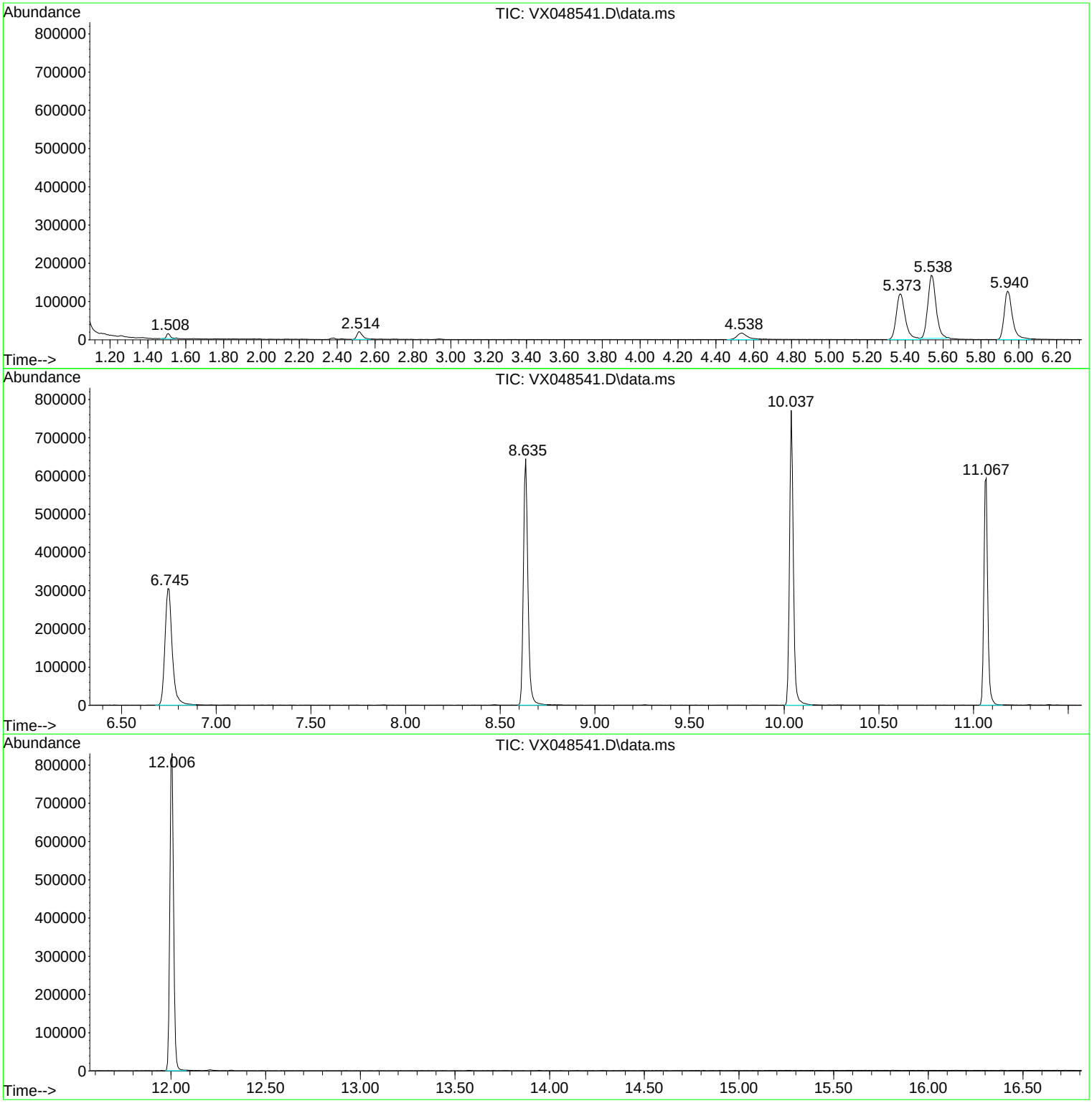
Sample Results: **VX048541.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048541.D
Acq On : 10 Nov 2025 15:48
Operator : JC/MD
Sample : Q3584-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Time: Nov 11 00:48:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

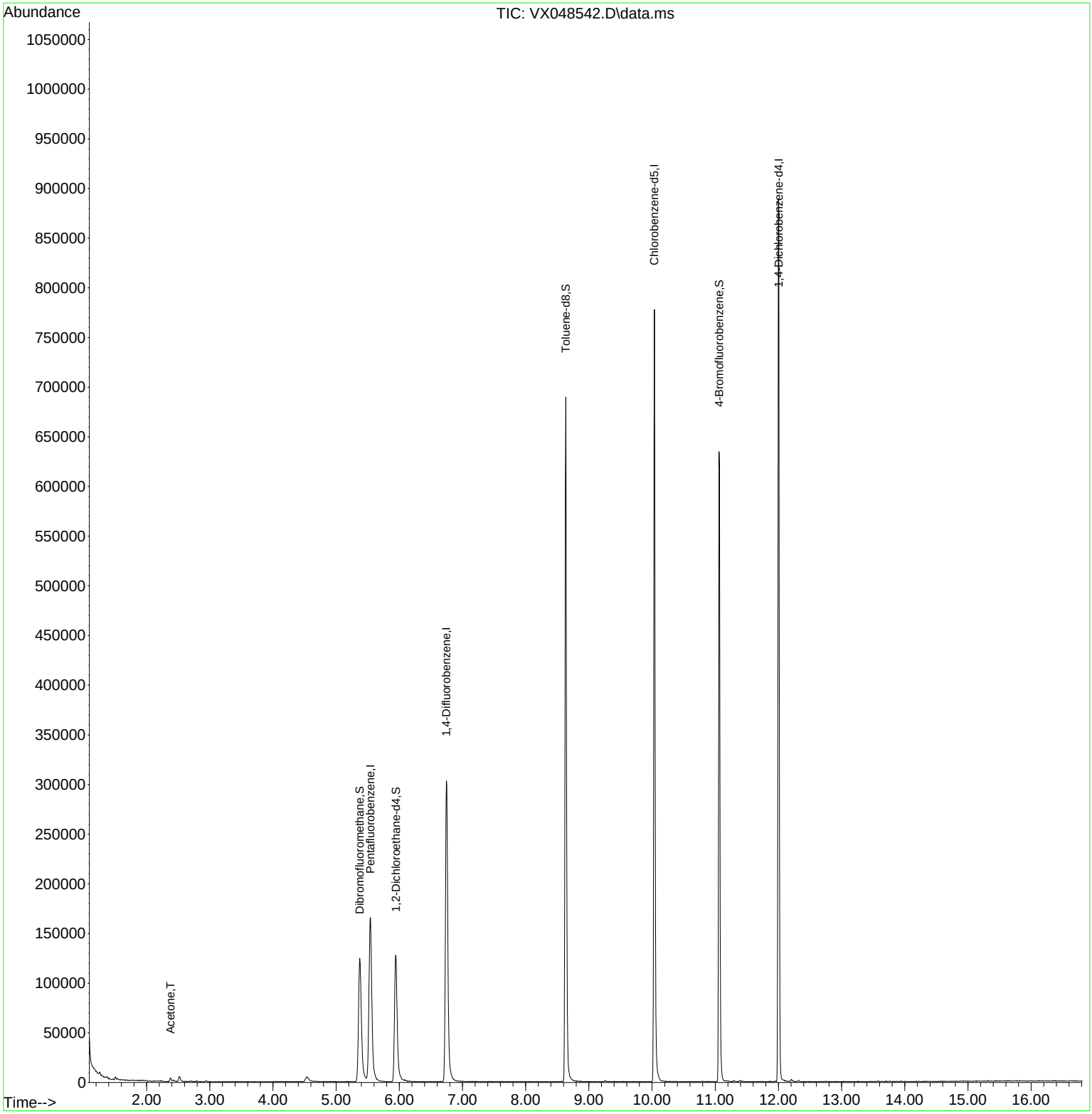
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	181183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	361304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	386173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	204501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	139812	55.379	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.760%			
35) Dibromofluoromethane	5.373	113	126065	46.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.200%			
50) Toluene-d8	8.635	98	437742	51.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.061	95	188975	59.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.920%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4639	3.882	ug/l	98

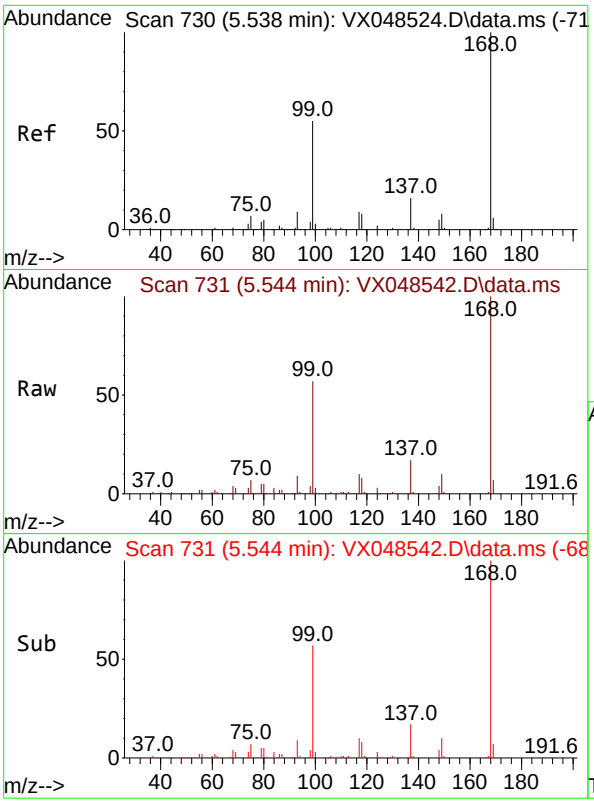
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Time: Nov 11 00:48:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



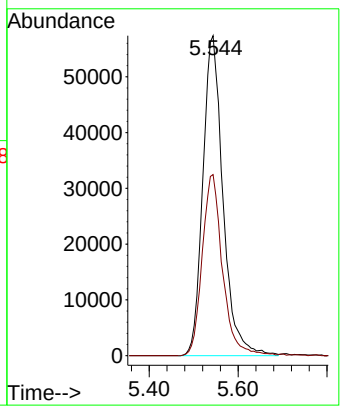


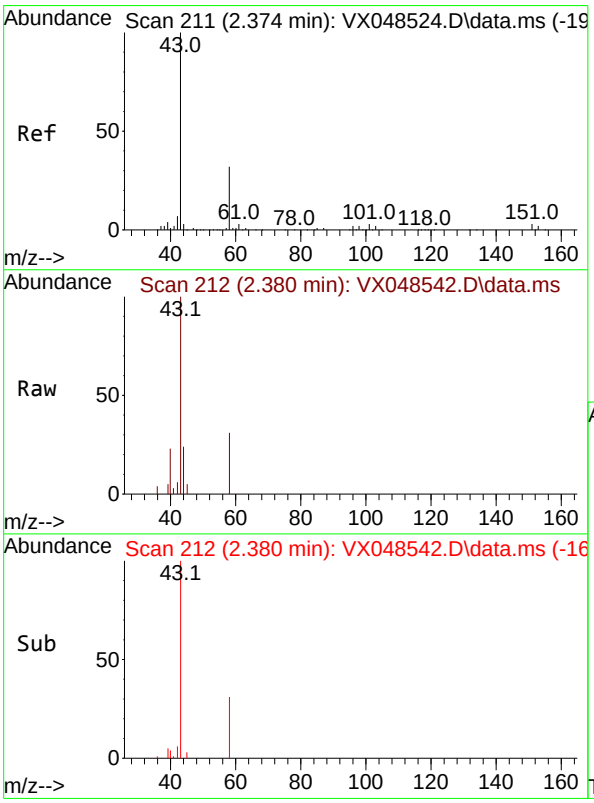
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:168 Resp: 181183

Ion	Ratio	Lower	Upper
168	100		
99	56.6	45.2	67.8

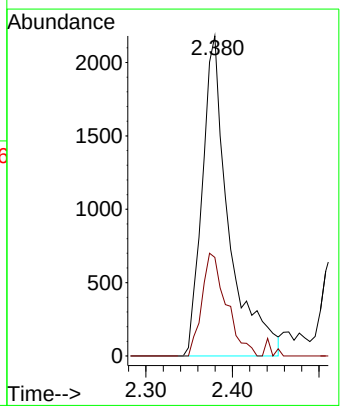


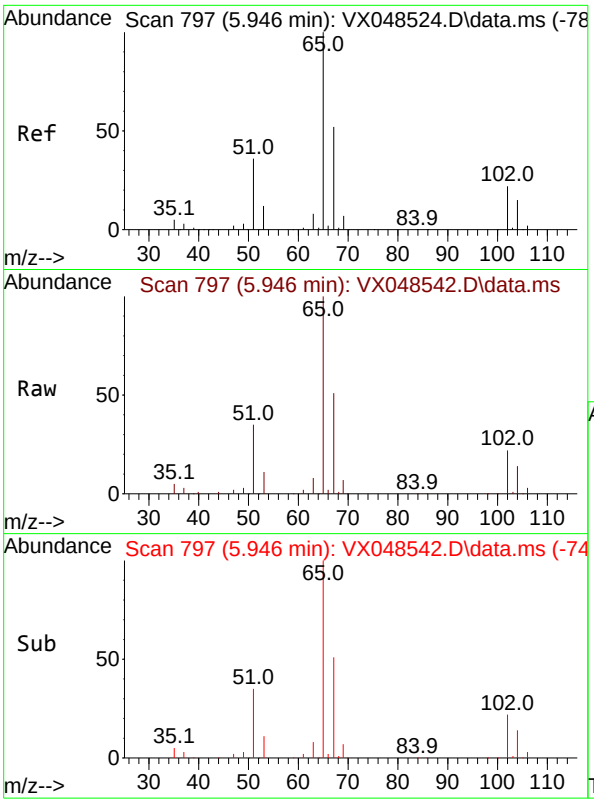


#16
Acetone
Concen: 3.882 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 43 Resp: 4639

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6



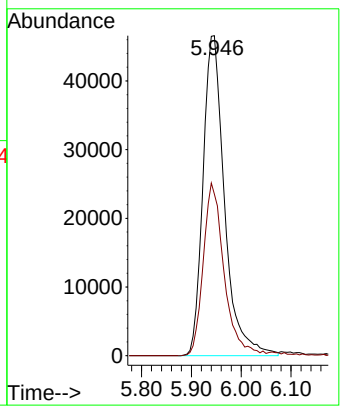


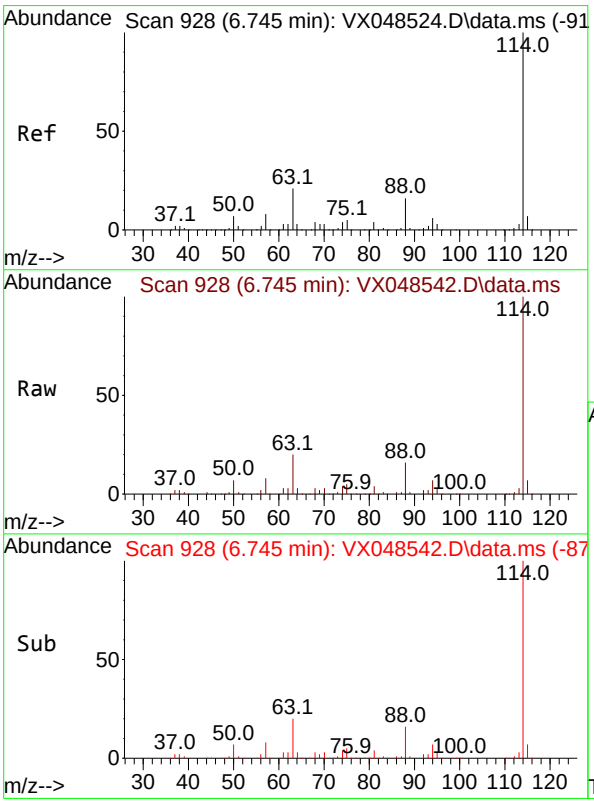
#33
1,2-Dichloroethane-d4
Concen: 55.379 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion: 65 Resp: 139812

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2

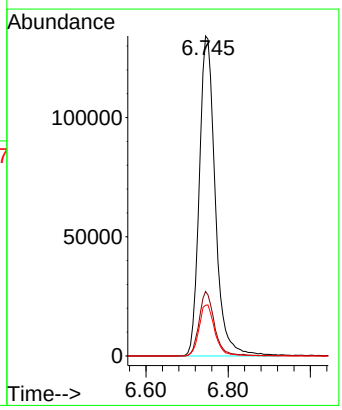


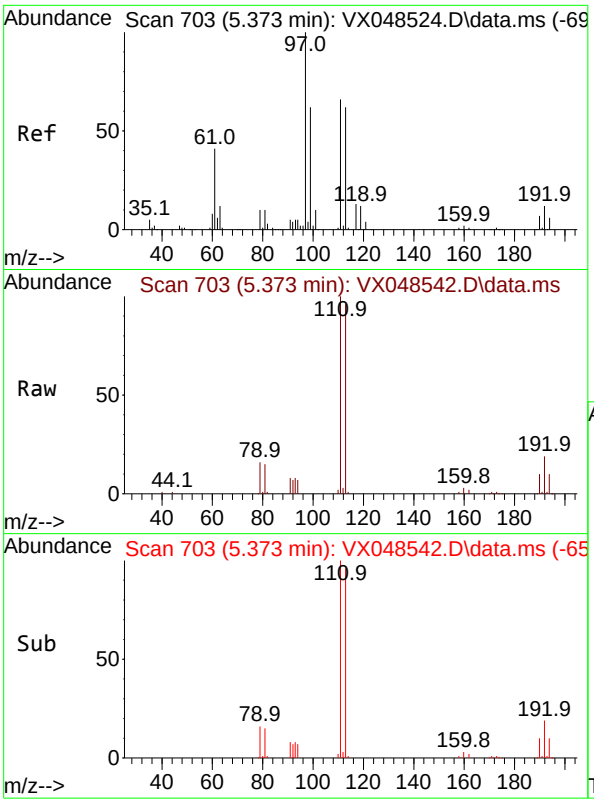


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion:114 Resp: 361304

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	15.9	0.0	32.2



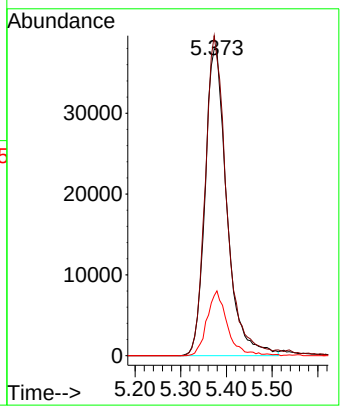


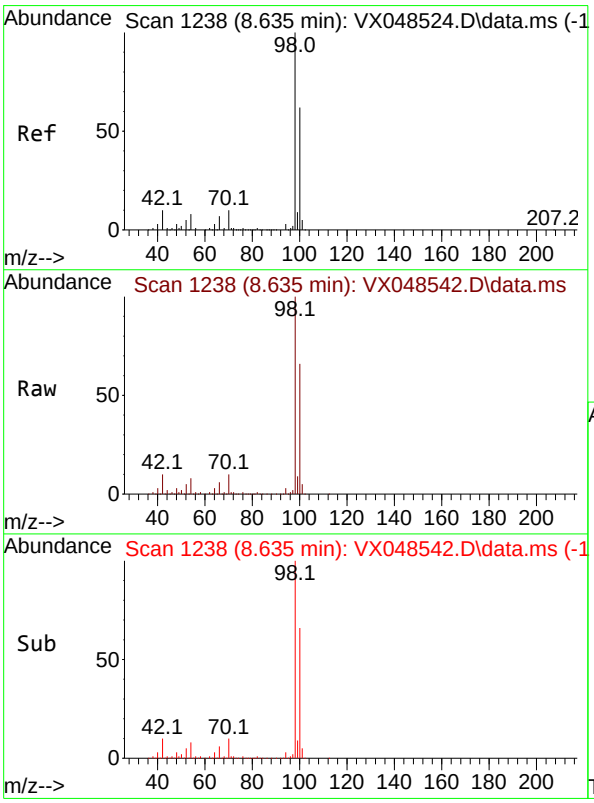
#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:113 Resp: 126065

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.8	15.8	23.6

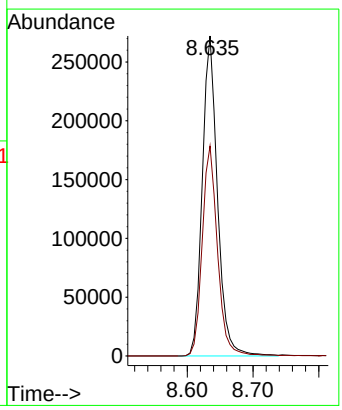


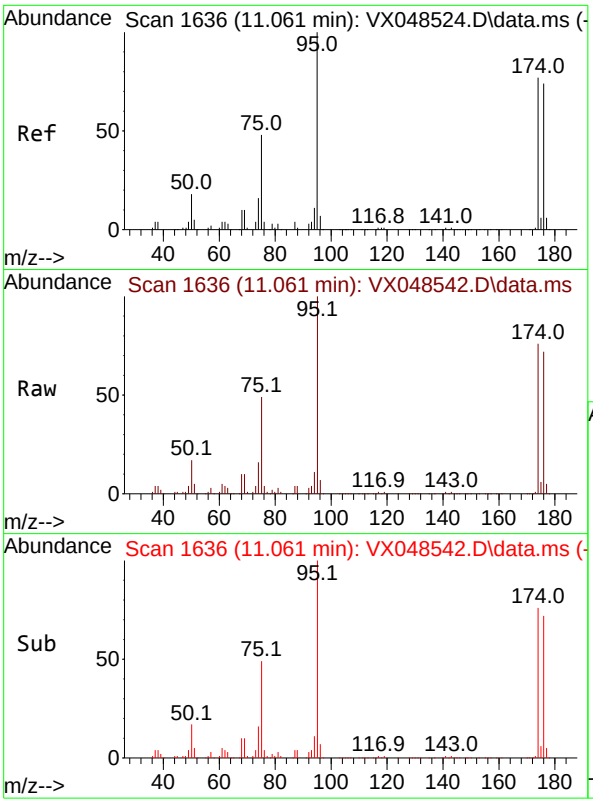


#50
Toluene-d8
Concen: 51.326 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 98 Resp: 437742

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.6	80.4



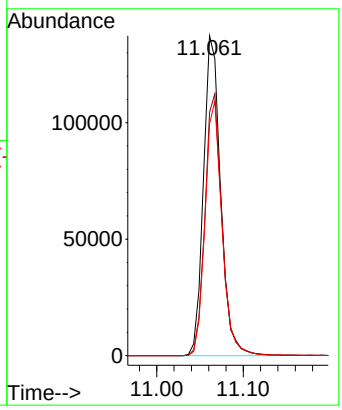


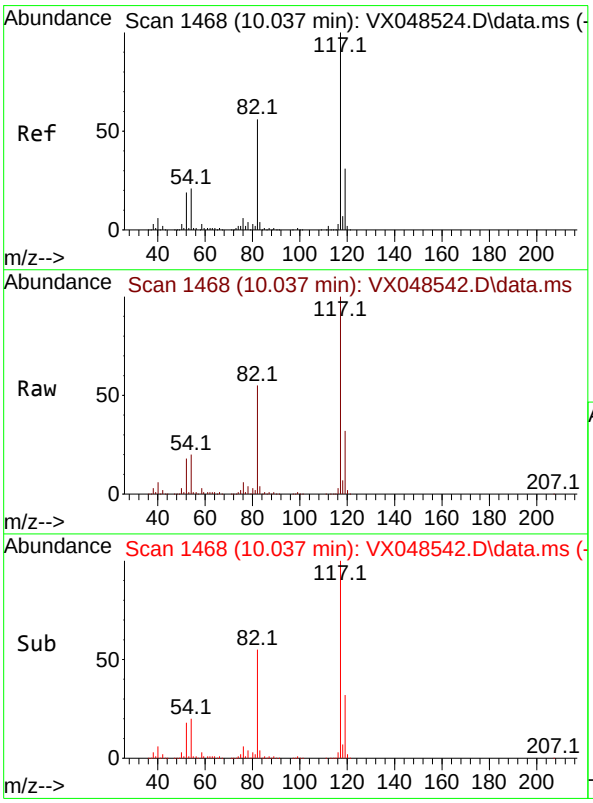
#62
4-Bromofluorobenzene
Concen: 59.457 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion: 95 Resp: 188975

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	161.8
176	79.1	0.0	153.6

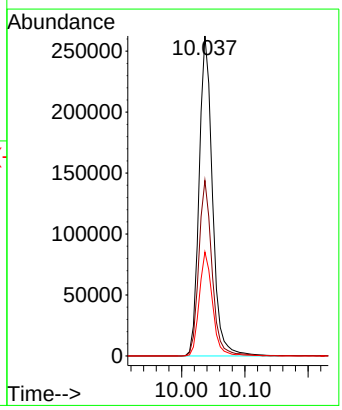


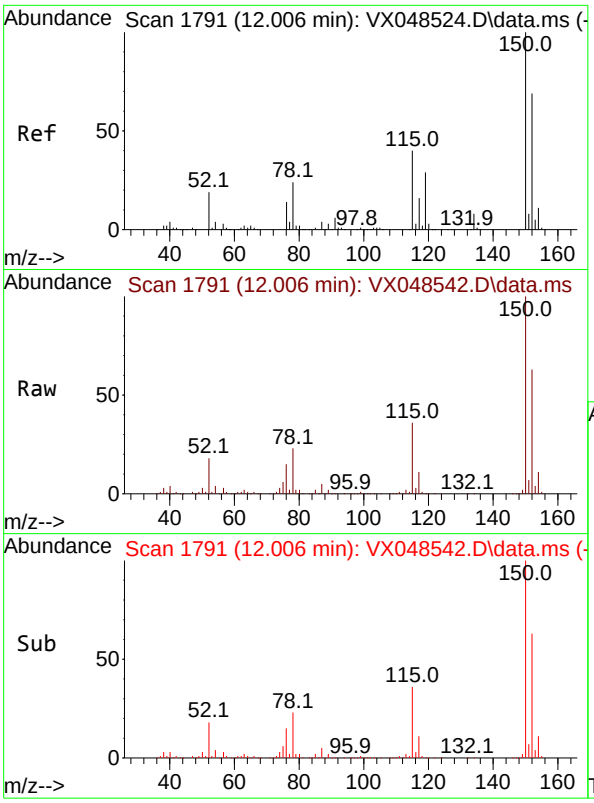


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion:117 Resp: 386173

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.4	66.6
119	32.5	25.1	37.7



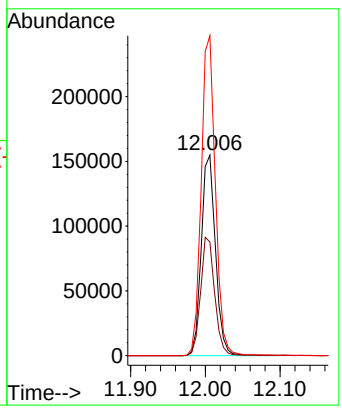


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Tgt Ion:152 Resp: 204501

Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.2	117.6
150	158.8	0.0	347.0



Sample Results: **VX048542.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.538	556	566	575	rBV2	4965	17408	1.45%	0.268%
2	5.373	692	703	720	rBV2	124289	400455	33.46%	6.176%
3	5.544	720	731	747	rVB	162785	508509	42.48%	7.842%
4	5.940	785	796	819	rBV	127338	386023	32.25%	5.953%
5	6.745	919	928	951	rBV	302898	812002	67.84%	12.523%
6	8.635	1231	1238	1255	rBV	689407	1126932	94.15%	17.380%
7	10.037	1462	1468	1488	rBV	777291	1140084	95.25%	17.583%
8	11.061	1631	1636	1650	rBV	634462	895826	74.84%	13.816%
9	12.000	1785	1790	1802	rBV	888627	1196919	100.00%	18.459%

Sum of corrected areas: 6484158

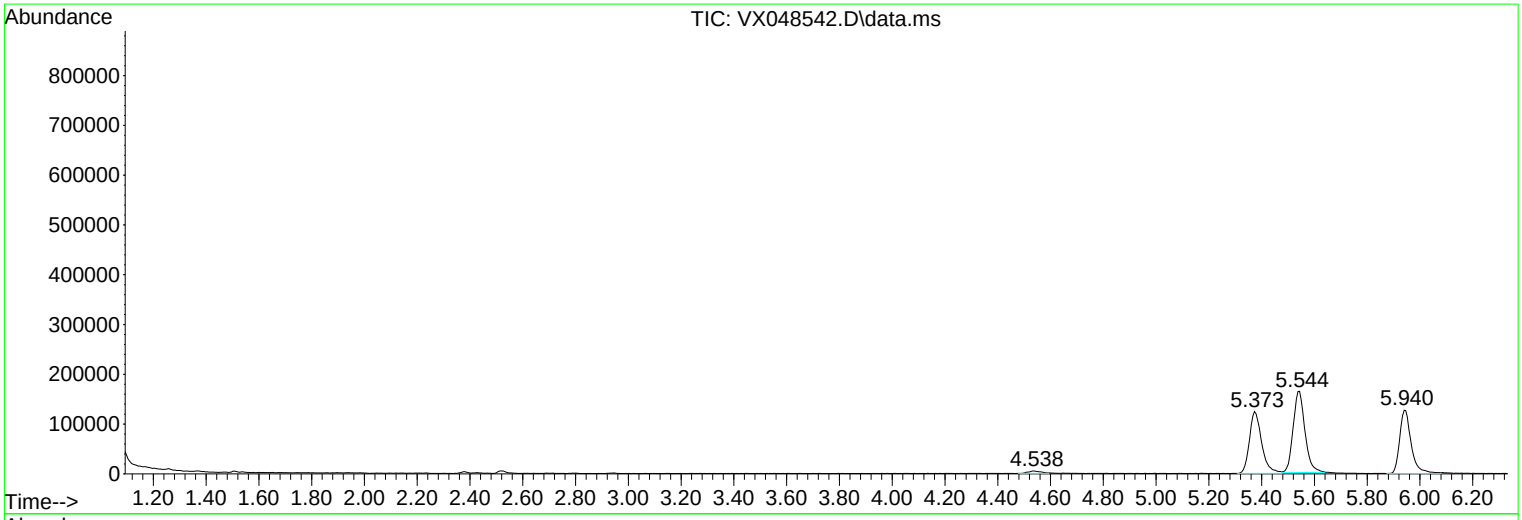
Sample Results: **VX048542.D**

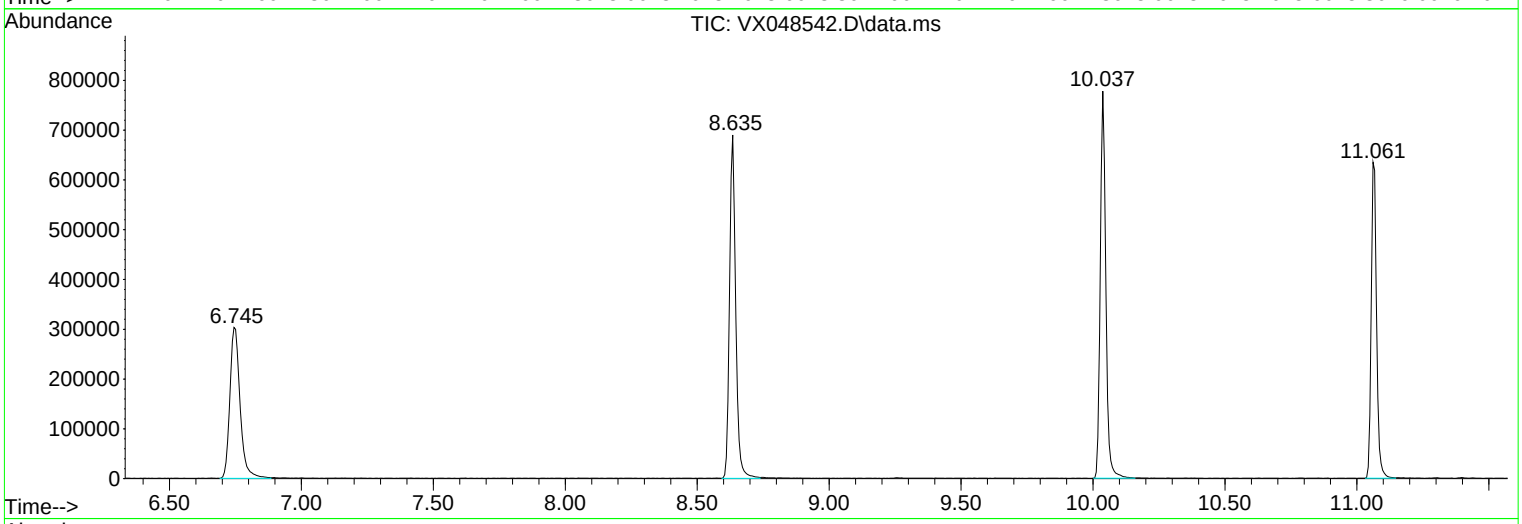
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

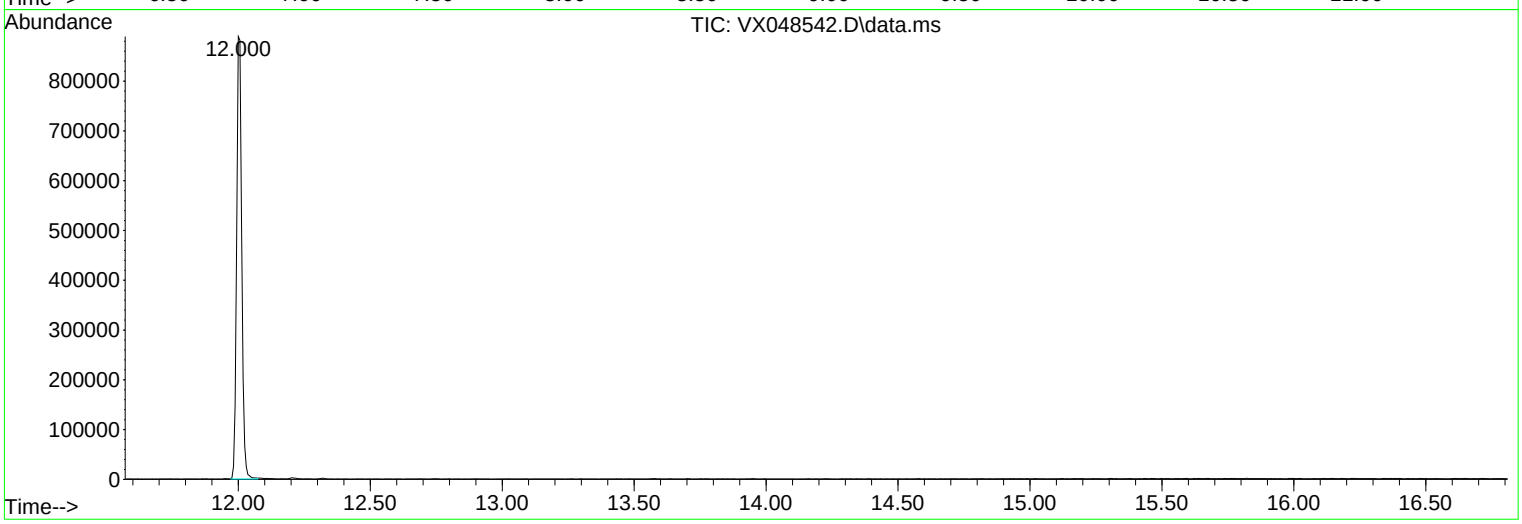
Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048542.D
Acq On : 10 Nov 2025 16:08
Operator : JC/MD
Sample : Q3584-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Time: Nov 12 04:44:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	180349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	362115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	387054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142446	56.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.360%			
35) Dibromofluoromethane	5.373	113	126313	46.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.180%			
50) Toluene-d8	8.635	98	439077	51.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.740%			
62) 4-Bromofluorobenzene	11.061	95	191335	60.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.120%			
Target Compounds						Qvalue
16) Acetone	2.373	43	9784	8.225	ug/l	96

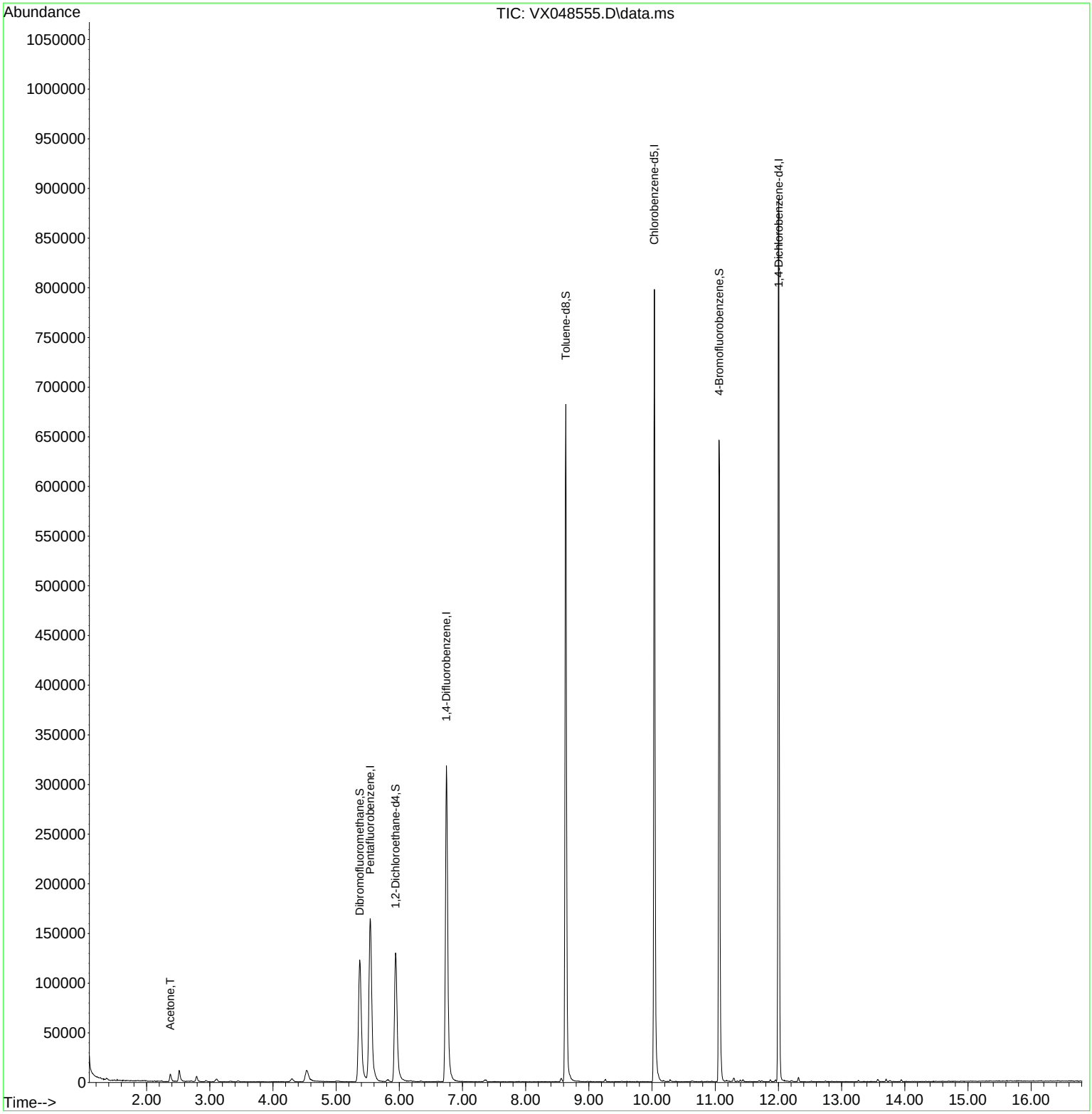
(#) = qualifier out of range (m) = manual integration (+) = signals summed

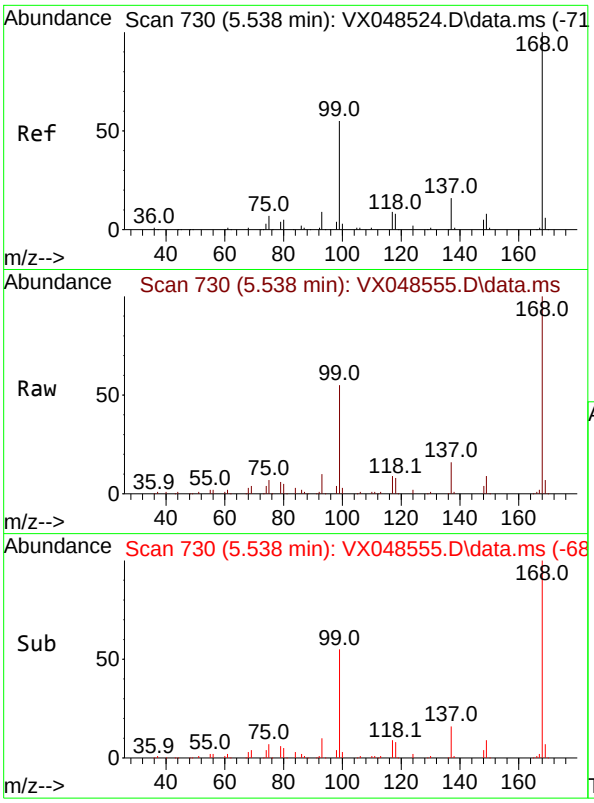
Sample Results: **VX048555.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Time: Nov 12 04:44:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



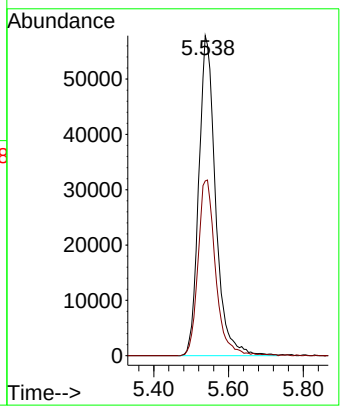


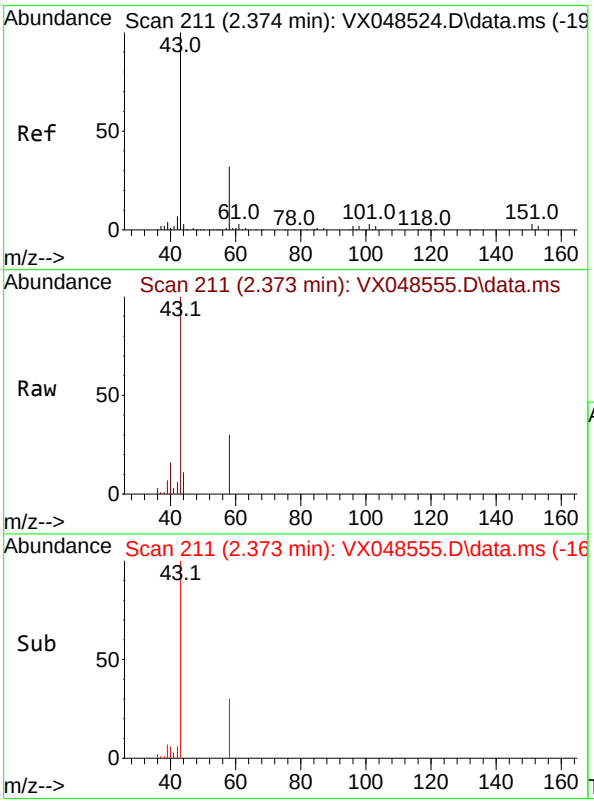
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:168 Resp: 180349

Ion	Ratio	Lower	Upper
168	100		
99	54.6	45.2	67.8

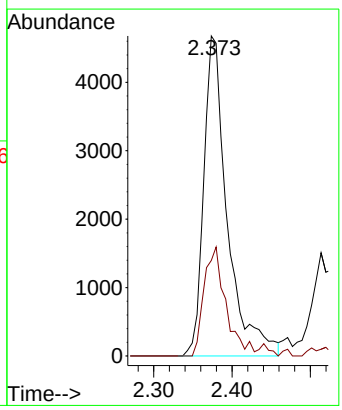


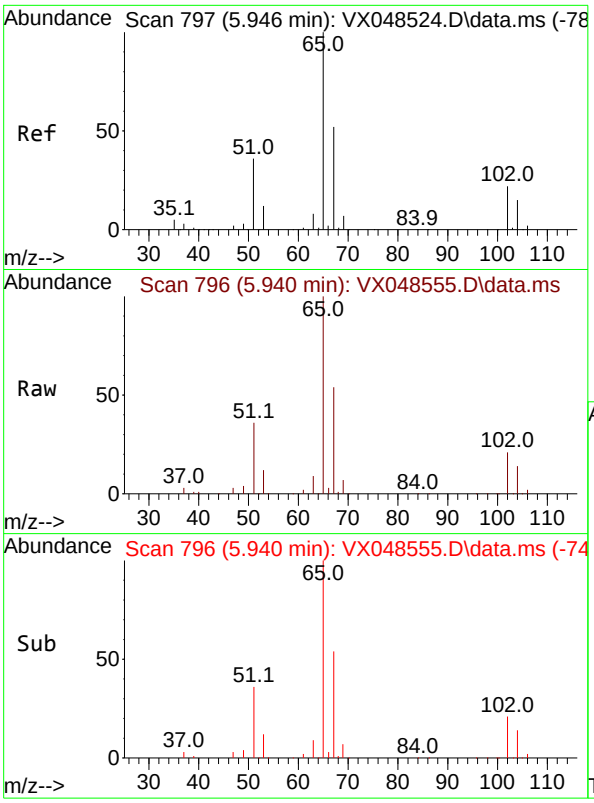


#16
Acetone
Concen: 8.225 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 43 Resp: 9784

Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.8	38.6



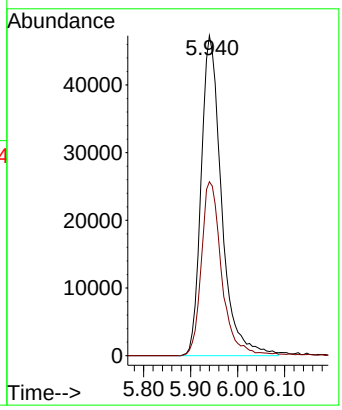


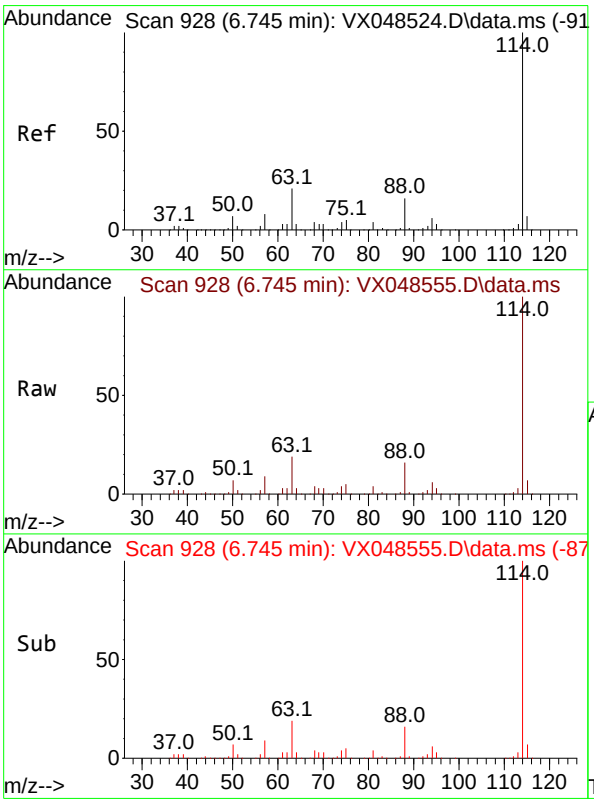
#33
1,2-Dichloroethane-d4
Concen: 56.683 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion: 65 Resp: 142446

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.2

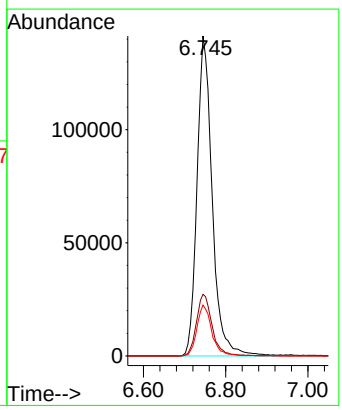


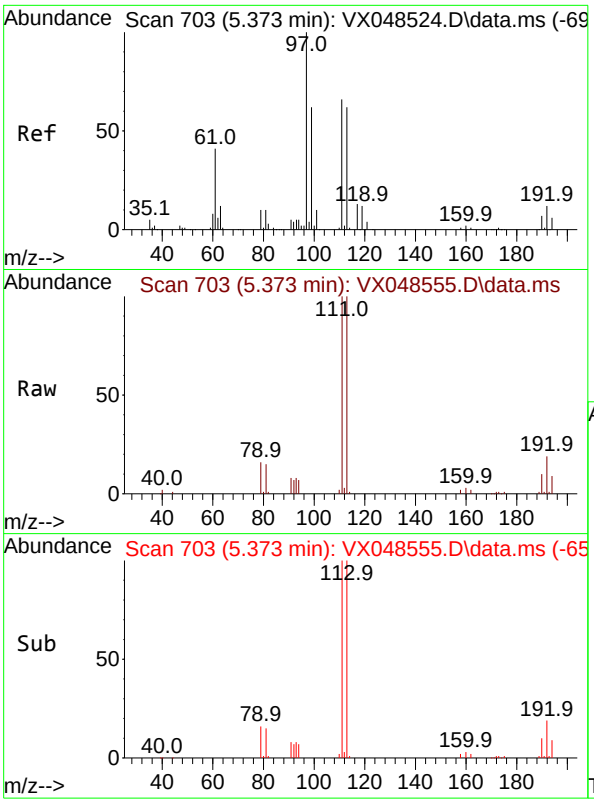


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:114 Resp: 362115

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.9	0.0	32.2



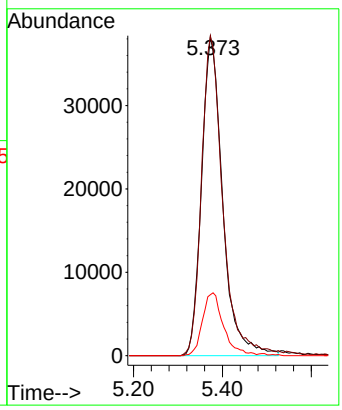


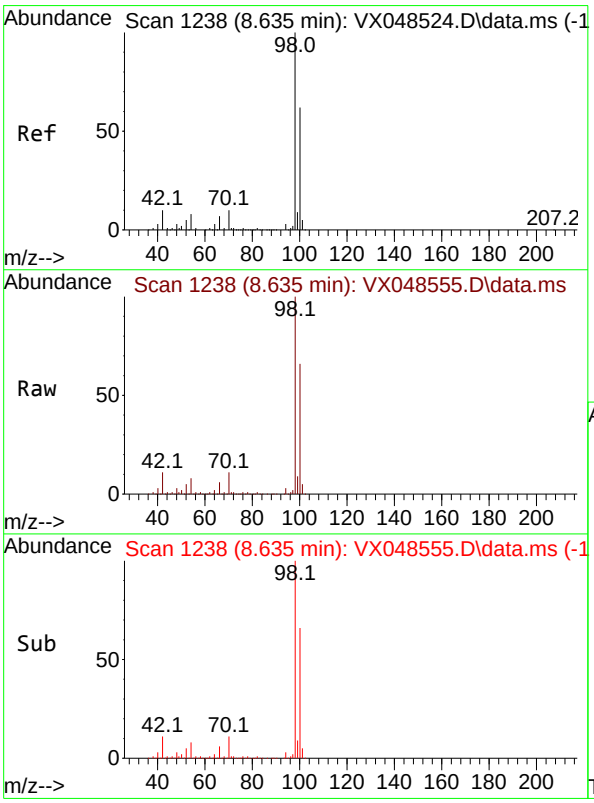
#35
Dibromofluoromethane
Concen: 46.088 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:113 Resp: 126313

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	19.6	15.8	23.6

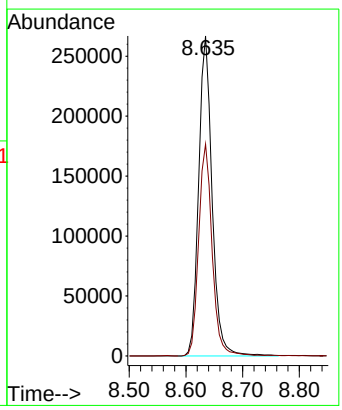


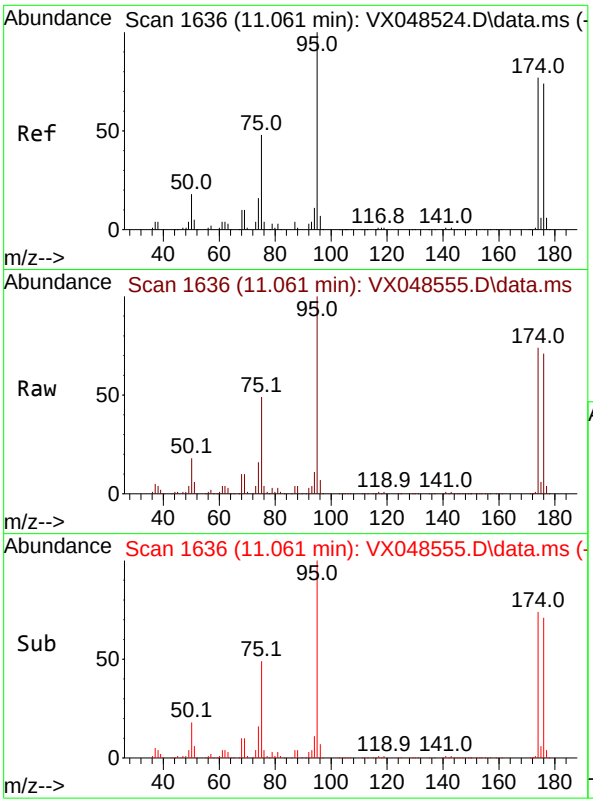


#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 98 Resp: 439077

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4



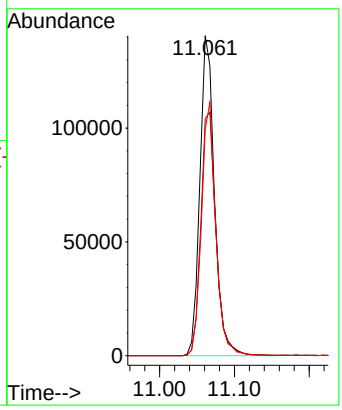


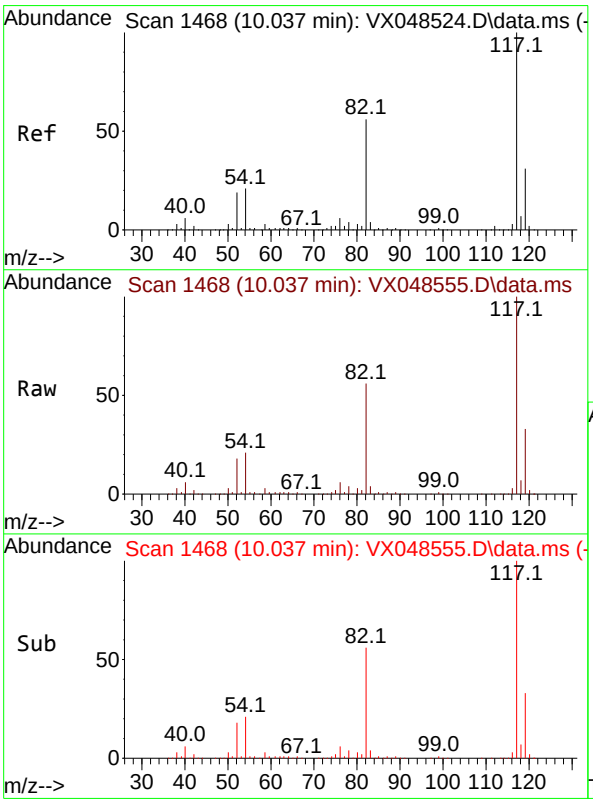
#62
4-Bromofluorobenzene
Concen: 60.064 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion: 95 Resp: 191335

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	161.8
176	77.7	0.0	153.6

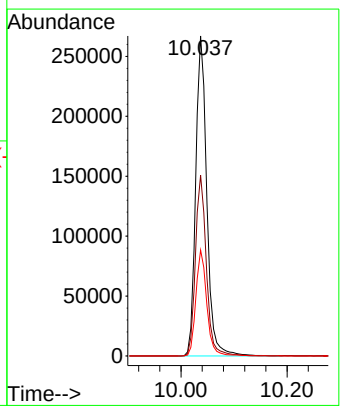


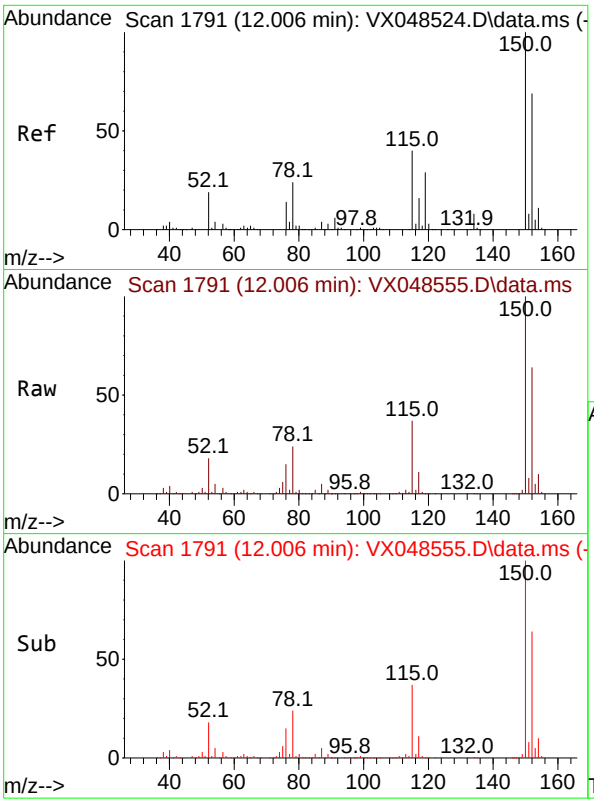


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:117 Resp: 387054

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.4	66.6
119	33.1	25.1	37.7



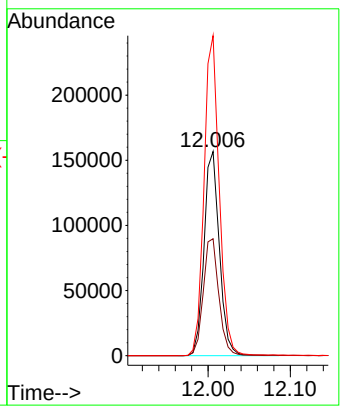


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 202689

Ion	Ratio	Lower	Upper
152	100		
115	58.3	39.2	117.6
150	156.5	0.0	347.0



Sample Results: **VX048555.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.373	205	211	218	rBV	7471	14267	1.20%	0.216%
2	2.514	228	234	243	rBV	10980	22475	1.90%	0.340%
3	4.532	556	565	578	rBV2	11269	42779	3.61%	0.647%
4	5.373	690	703	719	rBV2	122844	401334	33.85%	6.073%
5	5.538	720	730	755	rVB	163783	527237	44.47%	7.978%
6	5.940	786	796	822	rBV2	129941	397897	33.56%	6.021%
7	6.745	919	928	950	rBV	318155	820551	69.21%	12.417%
8	8.635	1231	1238	1258	rBV	681830	1142810	96.39%	17.293%
9	10.037	1462	1468	1486	rBV	797753	1154526	97.37%	17.471%
10	11.061	1631	1636	1650	rBV	645793	898810	75.81%	13.601%
11	12.006	1785	1791	1804	rBV	888491	1185664	100.00%	17.942%

Sum of corrected areas: 6608350

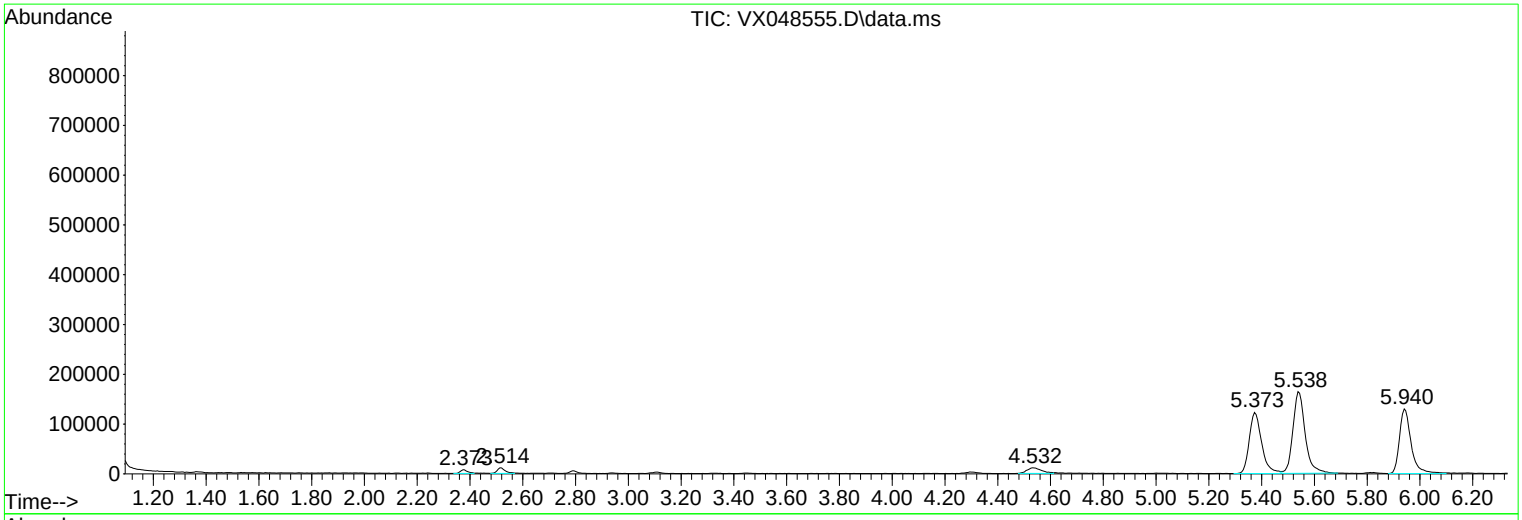
Sample Results: **VX048555.D**

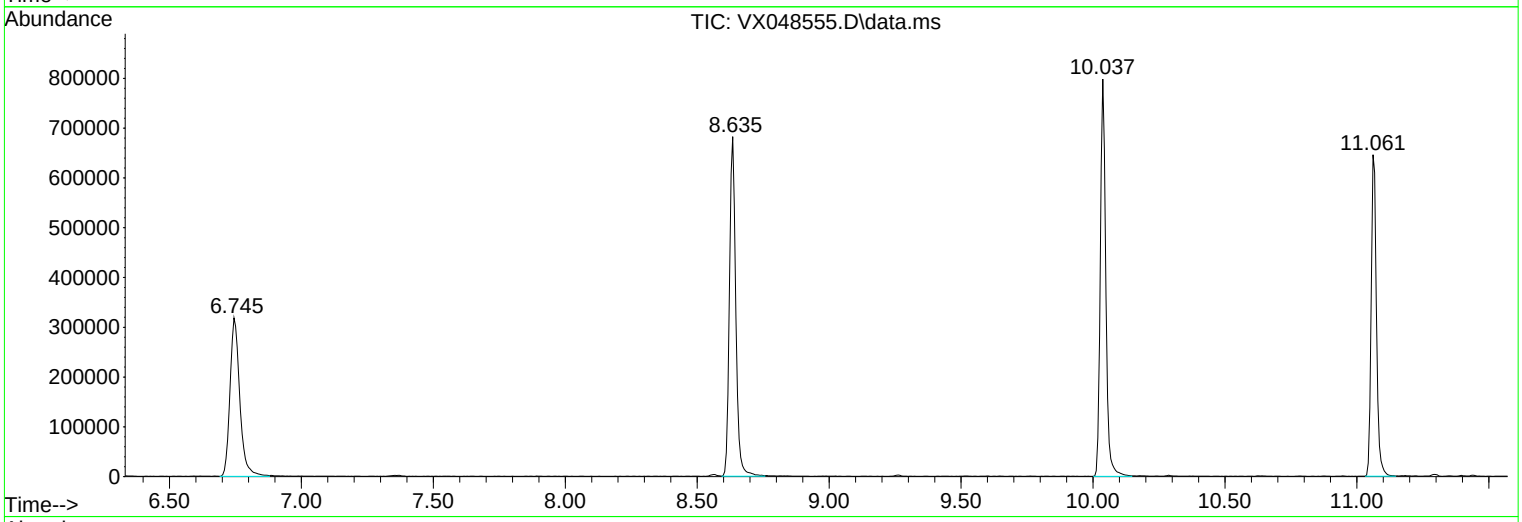
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

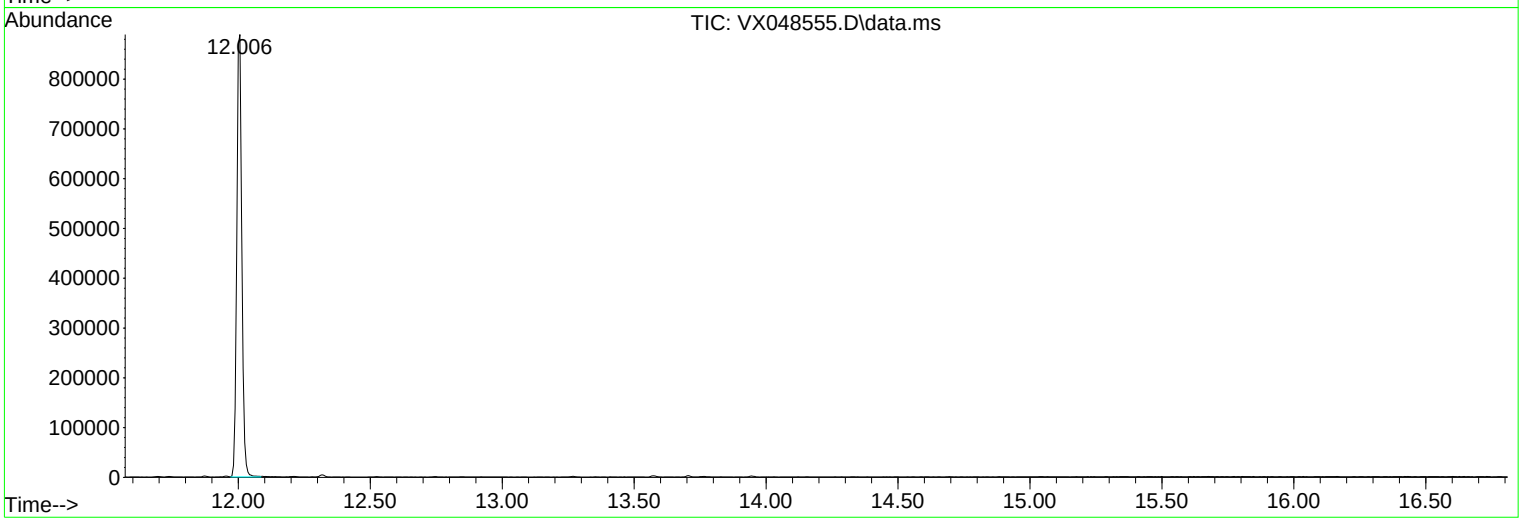
Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Time: Nov 11 00:47:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	164671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	131909	57.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.980%			
35) Dibromofluoromethane	5.373	113	114044	59.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.700%			
50) Toluene-d8	8.634	98	309532	51.651	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.300%			
62) 4-Bromofluorobenzene	11.061	95	129291	57.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.780%			

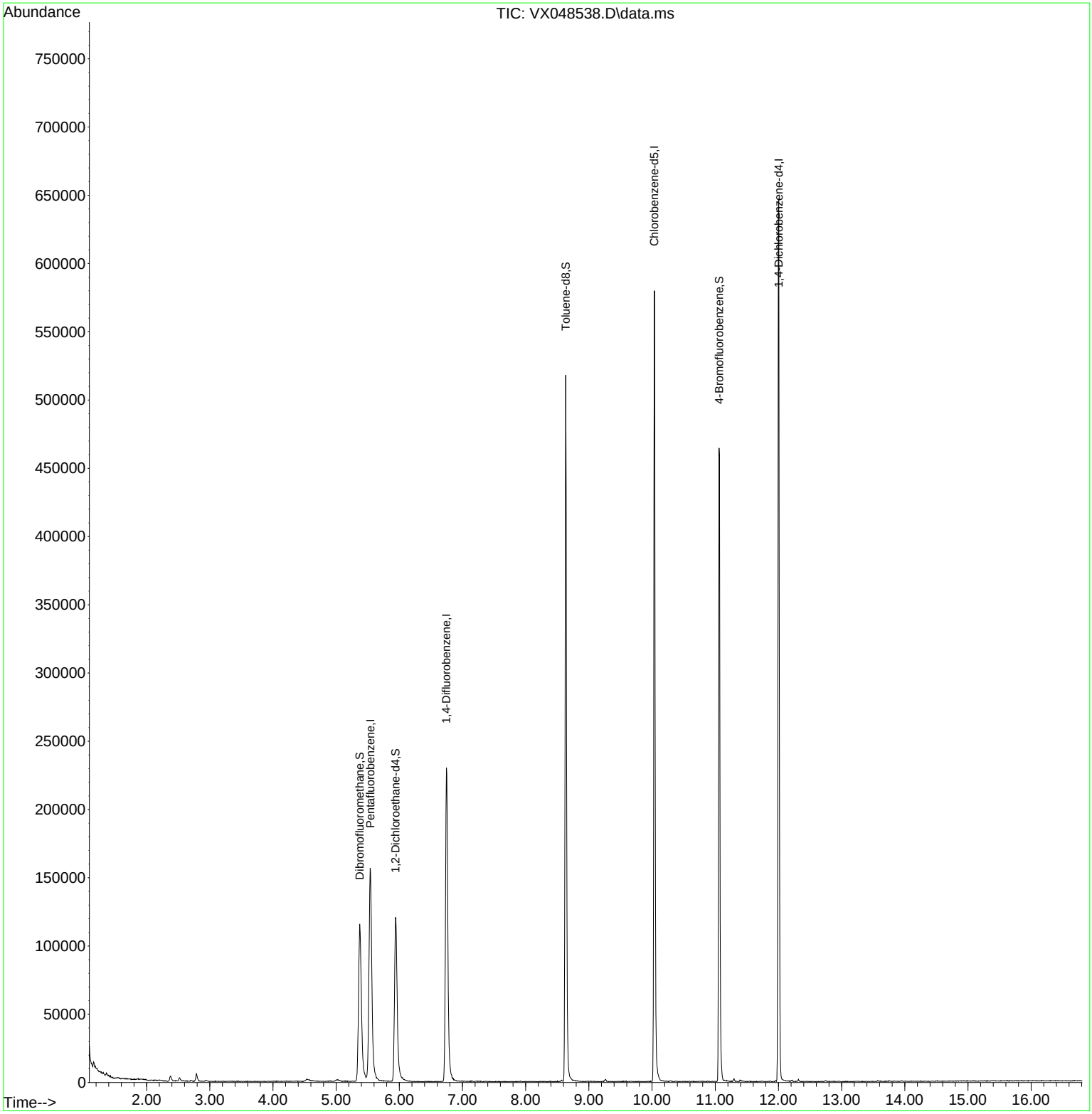
Target Compounds Qvalue

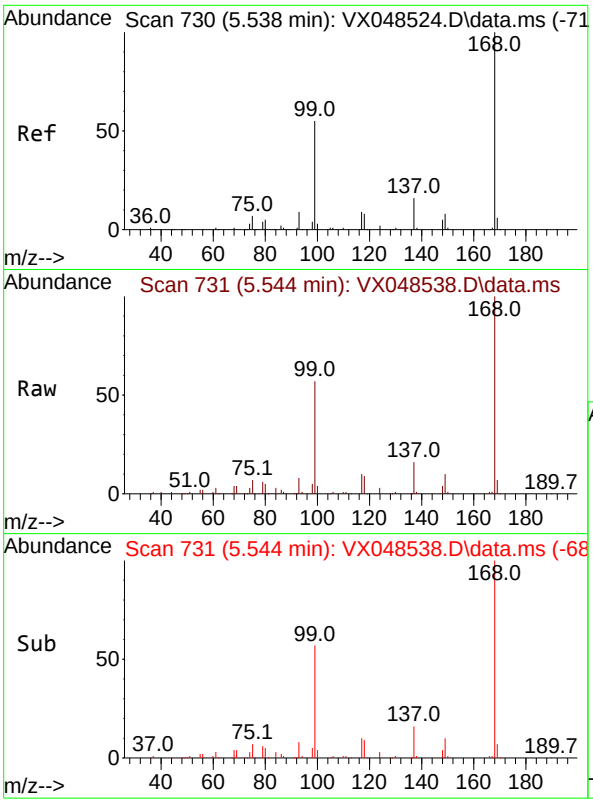
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Time: Nov 11 00:47:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



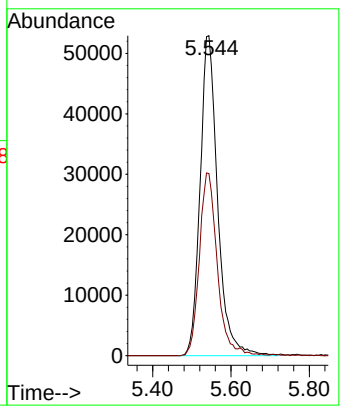


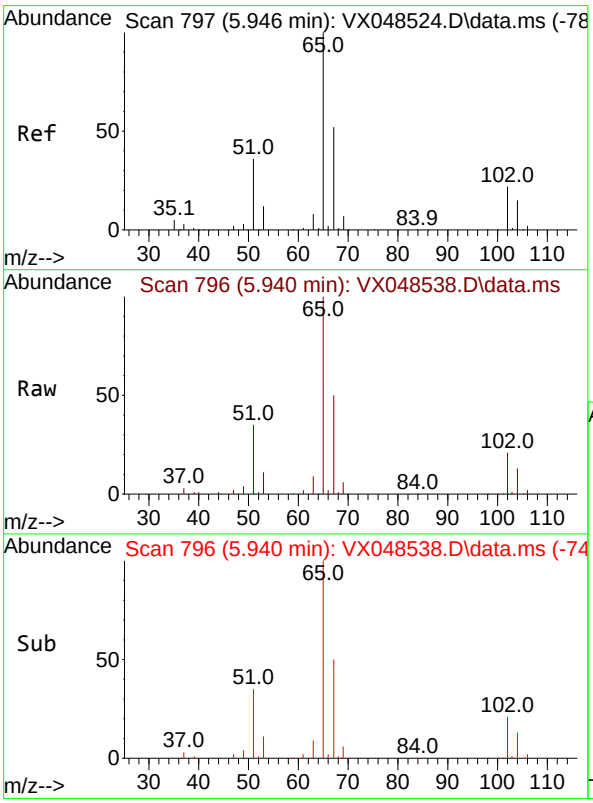
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:168 Resp: 164671

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.2	67.8

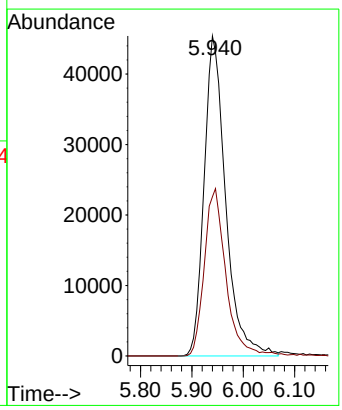


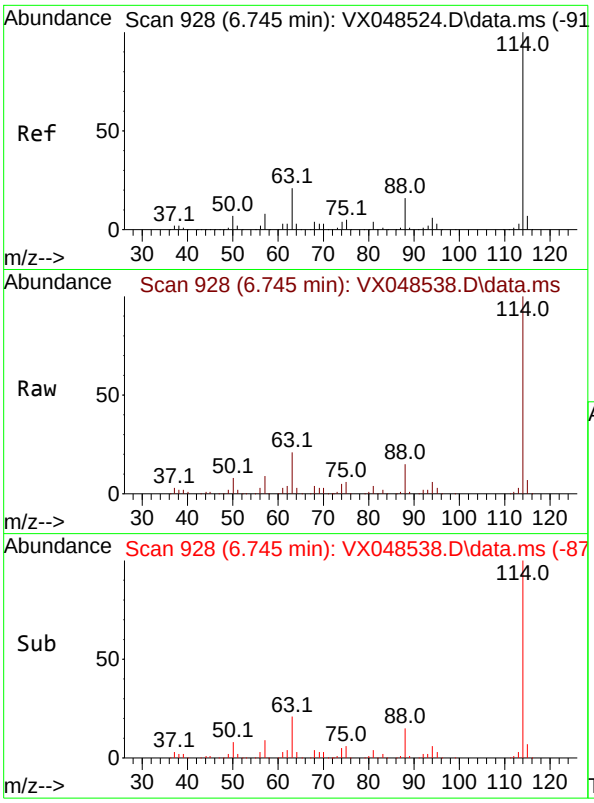


#33
1,2-Dichloroethane-d4
Concen: 57.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion: 65 Resp: 131909

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



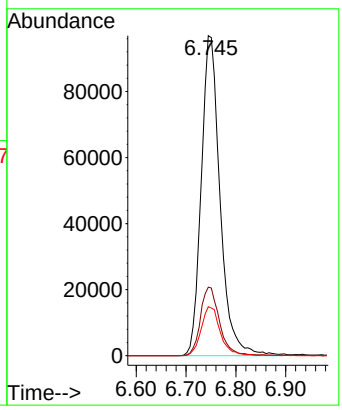


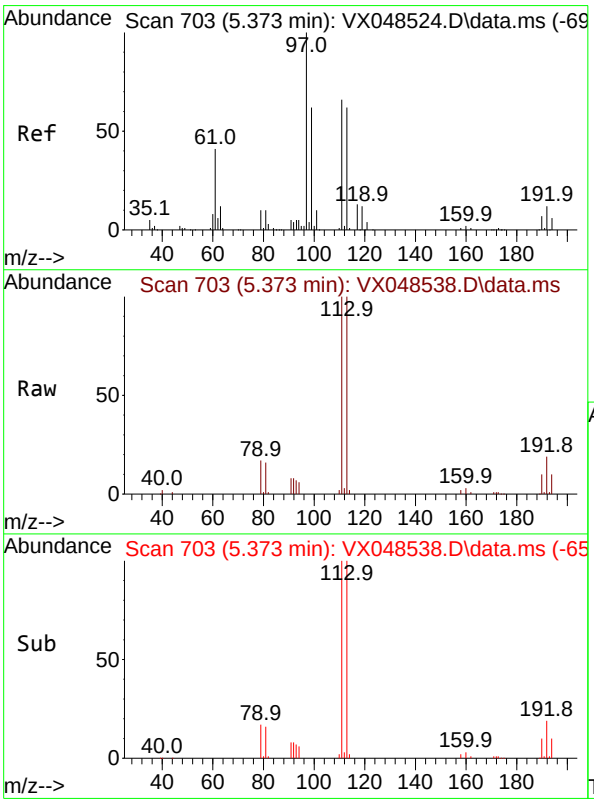
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:114 Resp: 253875

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.2
88	15.3	0.0	32.2

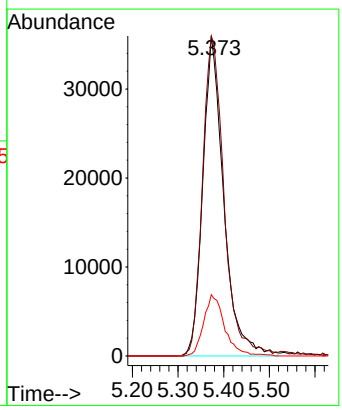


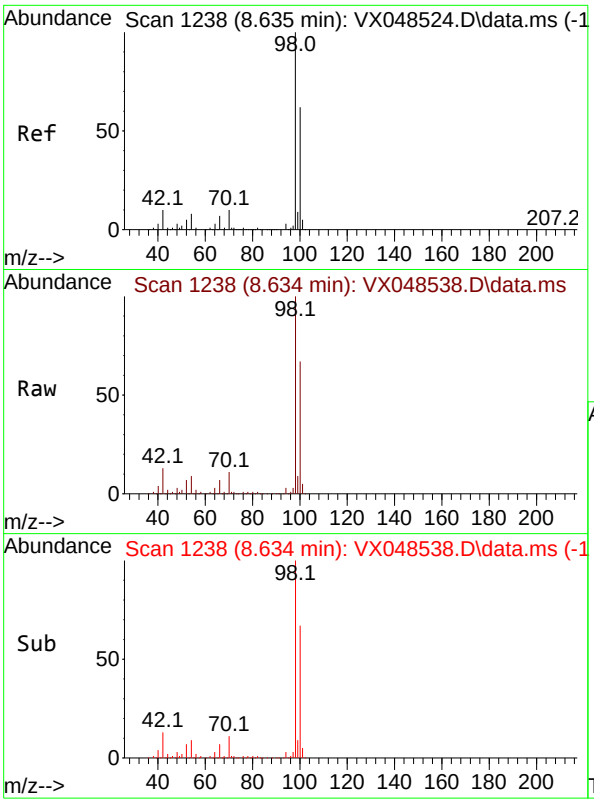


#35
Dibromofluoromethane
Concen: 59.352 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion:113 Resp: 114044

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	19.4	15.8	23.6



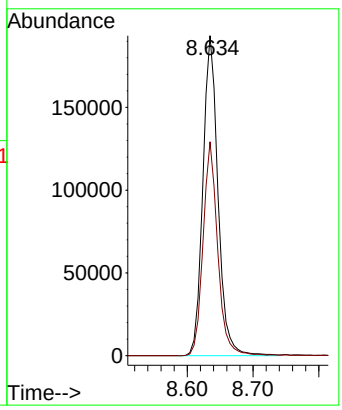


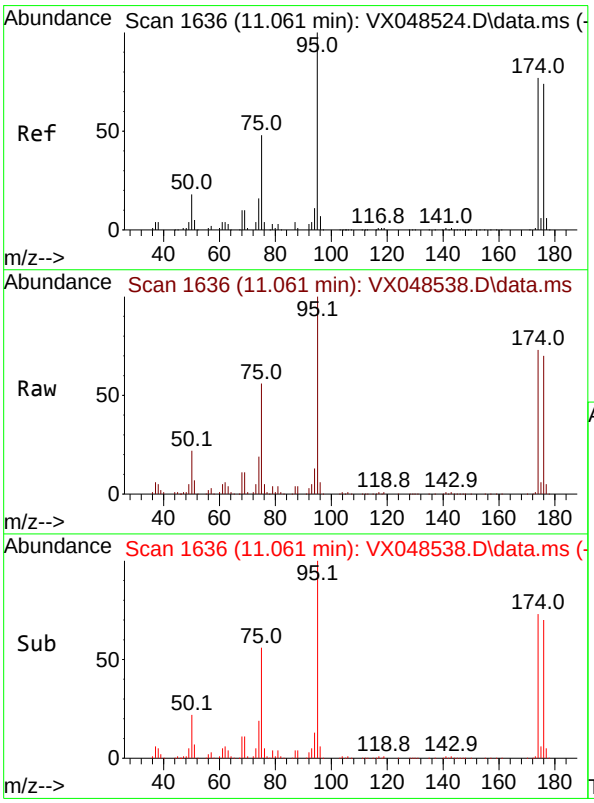
#50
Toluene-d8
Concen: 51.651 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion: 98 Resp: 309532

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.6	80.4

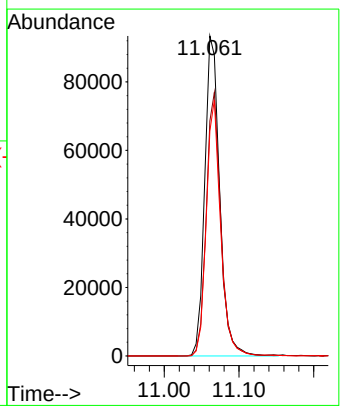


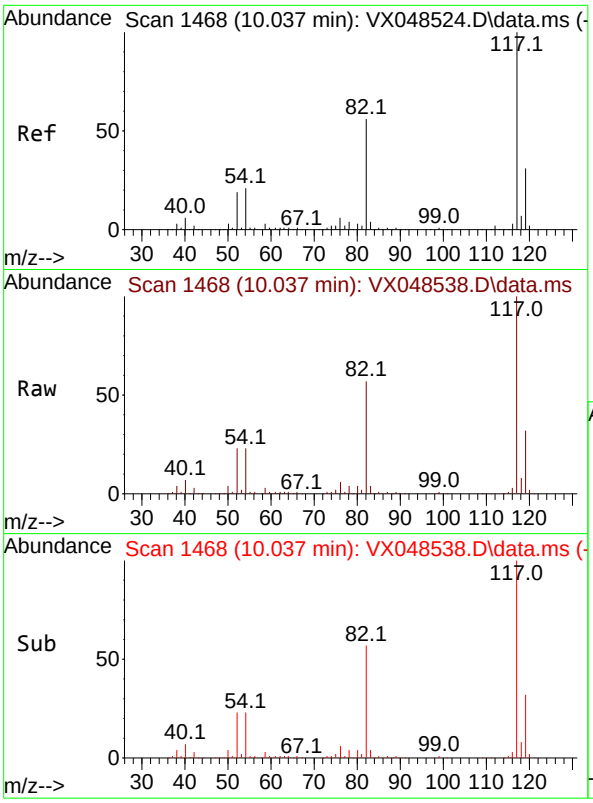


#62
4-Bromofluorobenzene
Concen: 57.892 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion: 95 Resp: 129291

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.8
176	77.0	0.0	153.6



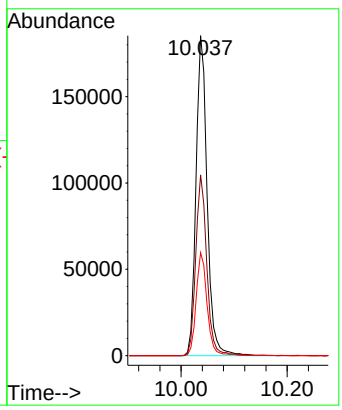


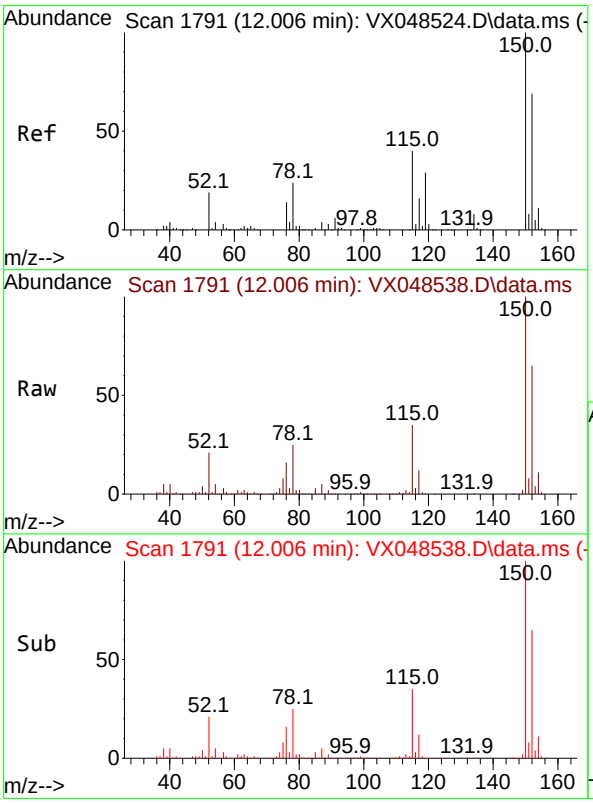
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:117 Resp: 270369

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.4	66.6
119	32.2	25.1	37.7

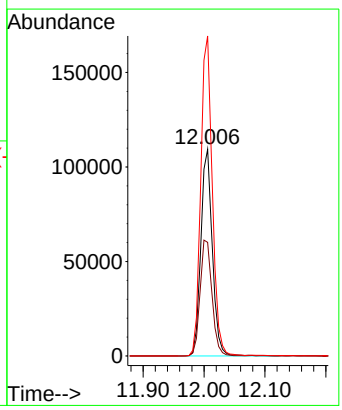




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048538.D
Acq: 10 Nov 2025 14:45

Tgt Ion:152 Resp: 142954

Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.2	117.6
150	155.6	0.0	347.0



Sample Results: **VX048538.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.788	274	279	286	rBV2	5539	9869	1.12%	0.196%
2	5.373	690	703	719	rBV	115380	367324	41.77%	7.299%
3	5.537	719	730	754	rVB	155607	487631	55.45%	9.689%
4	5.940	785	796	813	rBV	120165	355997	40.48%	7.074%
5	6.745	919	928	947	rBV	229773	600643	68.30%	11.935%
6	8.634	1231	1238	1255	rBV	517408	832036	94.62%	16.533%
7	10.037	1462	1468	1486	rBV	579393	847046	96.32%	16.831%
8	11.061	1631	1636	1647	rBV	463909	652670	74.22%	12.969%
9	12.006	1785	1791	1802	rBV	646562	879379	100.00%	17.474%

Sum of corrected areas: 5032595

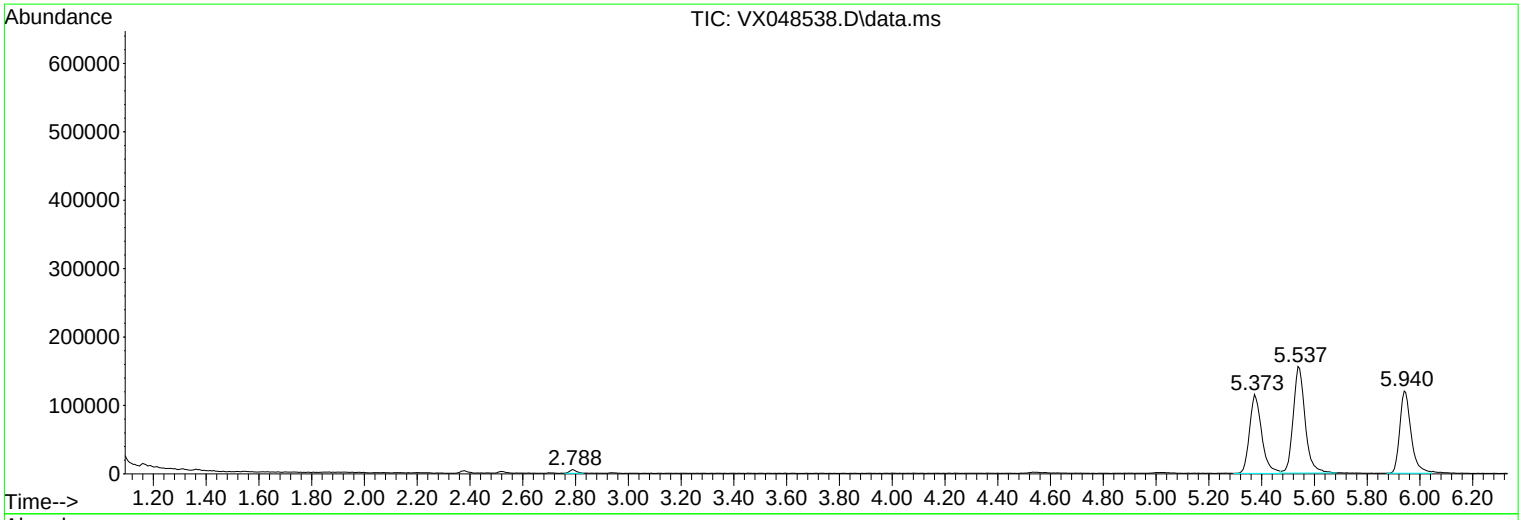
Sample Results: **VX048538.D**

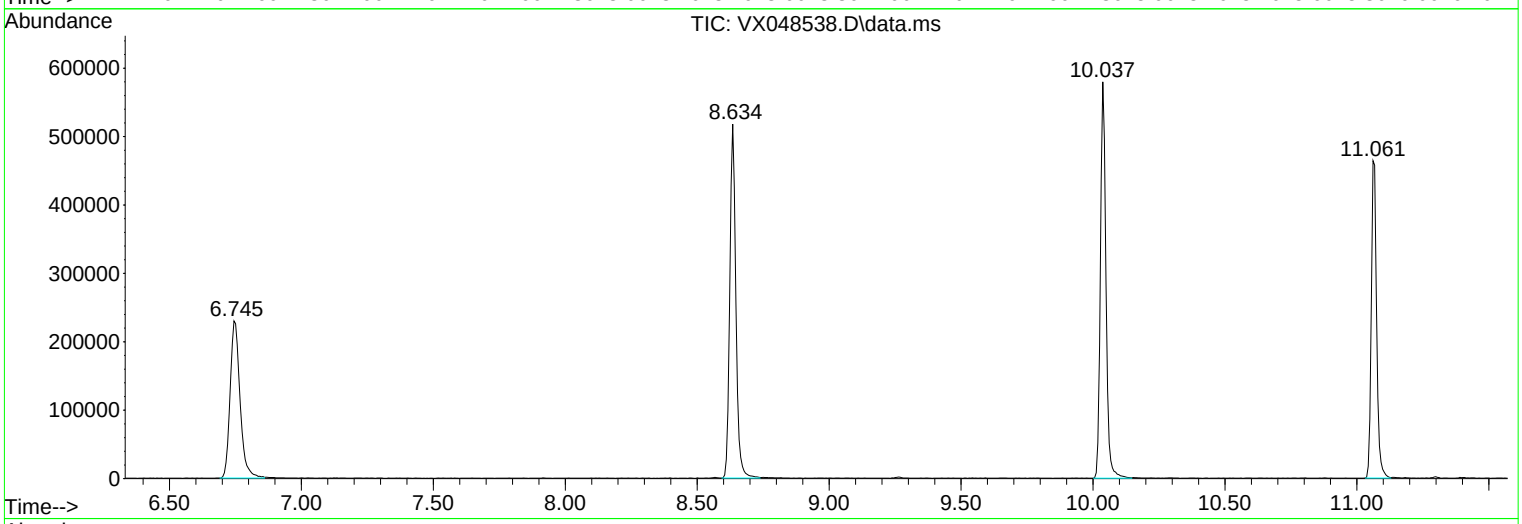
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

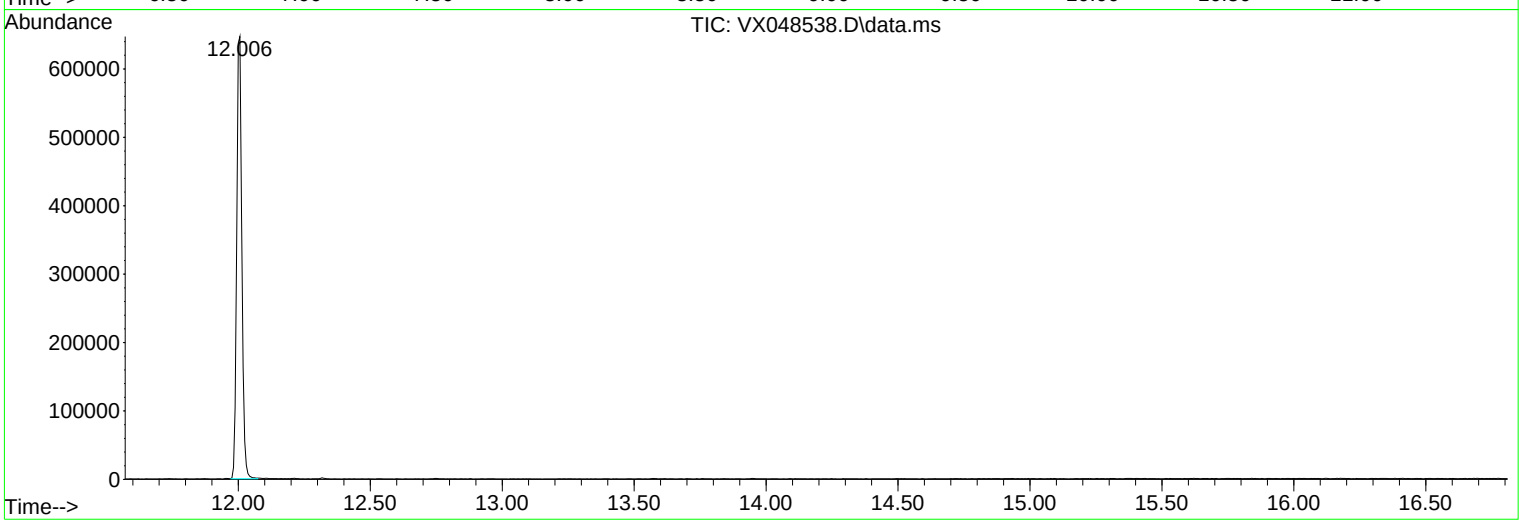
Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048538.D
Acq On : 10 Nov 2025 14:45
Operator : JC/MD
Sample : Q3584-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Time: Nov 11 00:47:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	166567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121885	52.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.379	113	110982	44.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.480%			
50) Toluene-d8	8.635	98	384880	49.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.061	95	175272	60.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.220%			

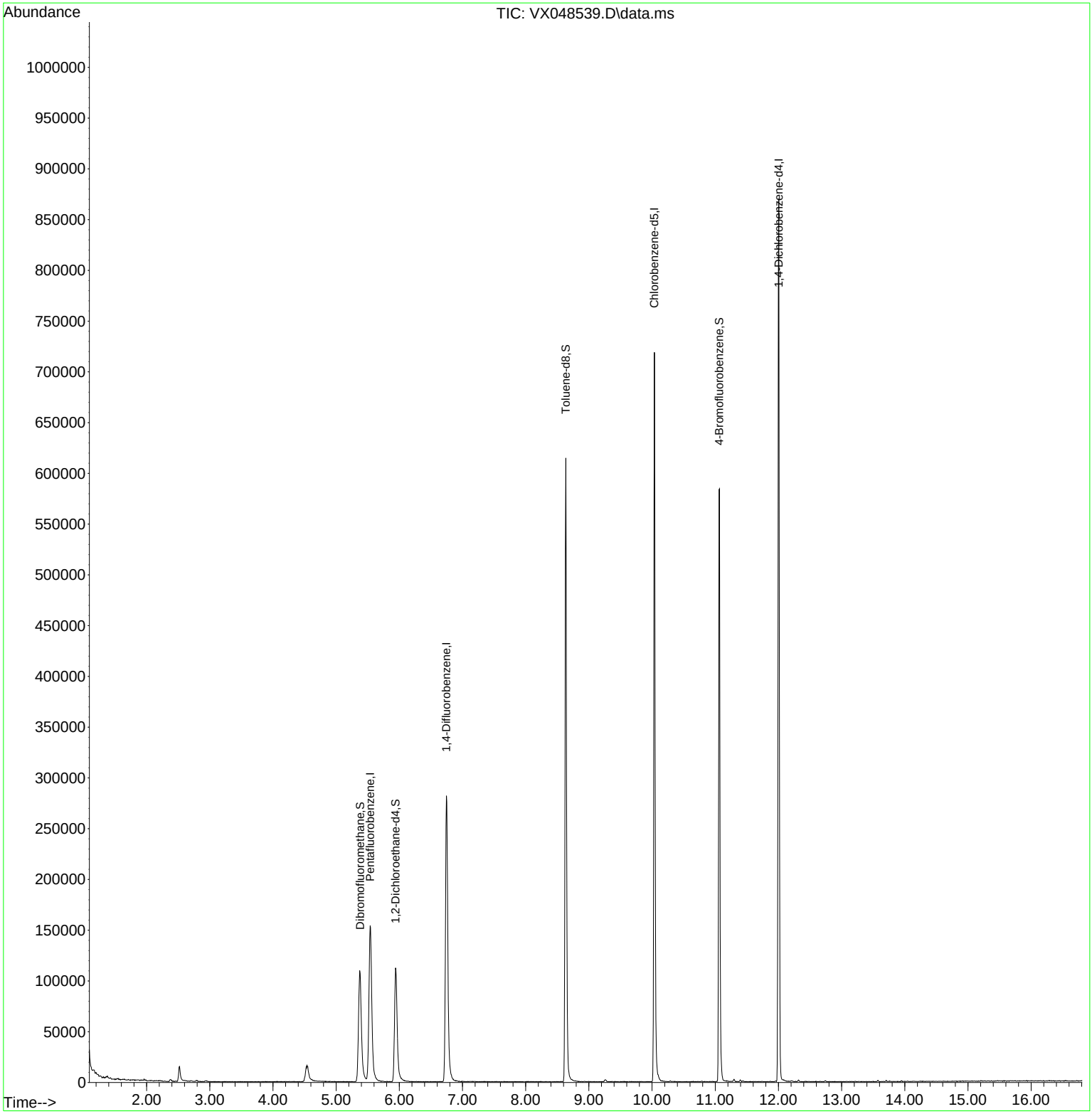
Target Compounds Qvalue

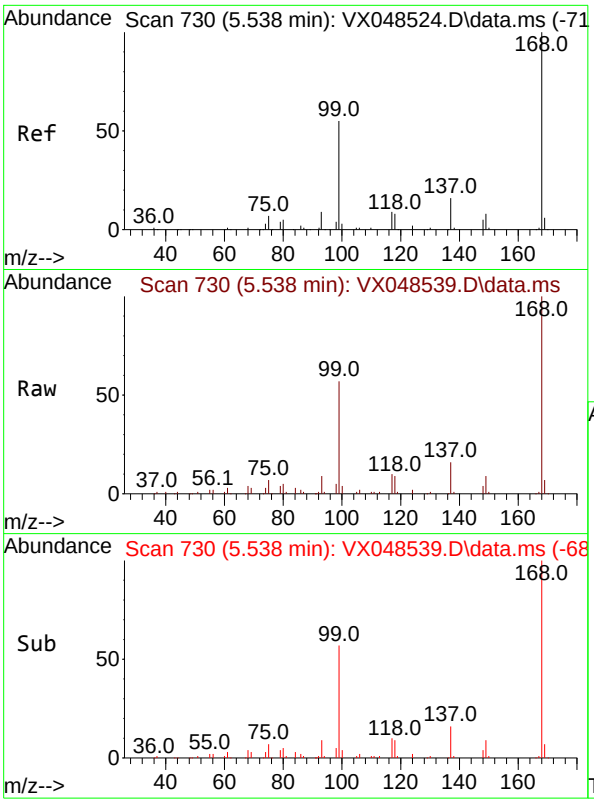
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Time: Nov 11 00:47:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



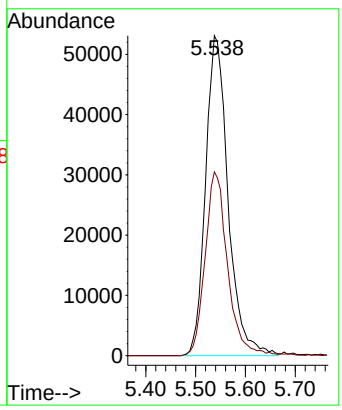


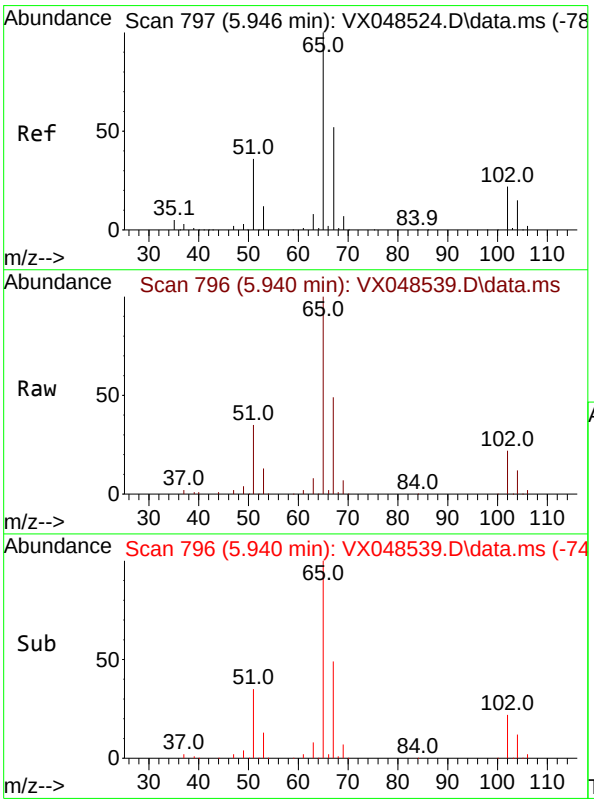
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:168 Resp: 166567

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.2	67.8

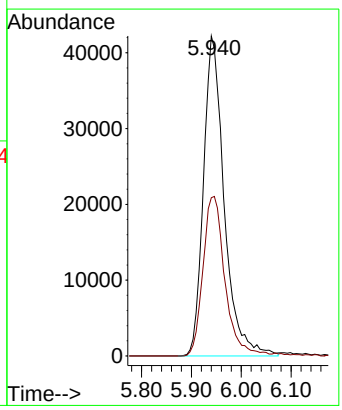


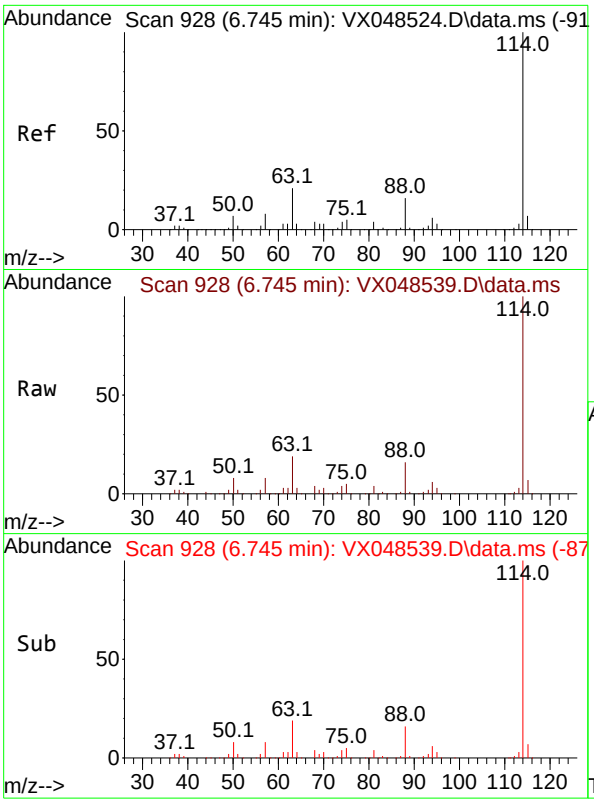


#33
1,2-Dichloroethane-d4
Concen: 52.514 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion: 65 Resp: 121885

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.2



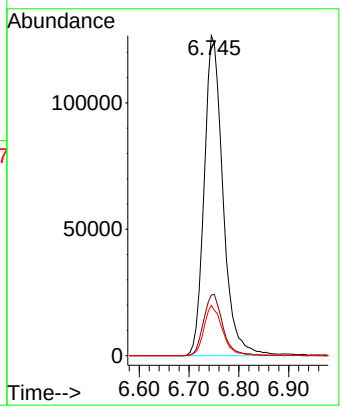


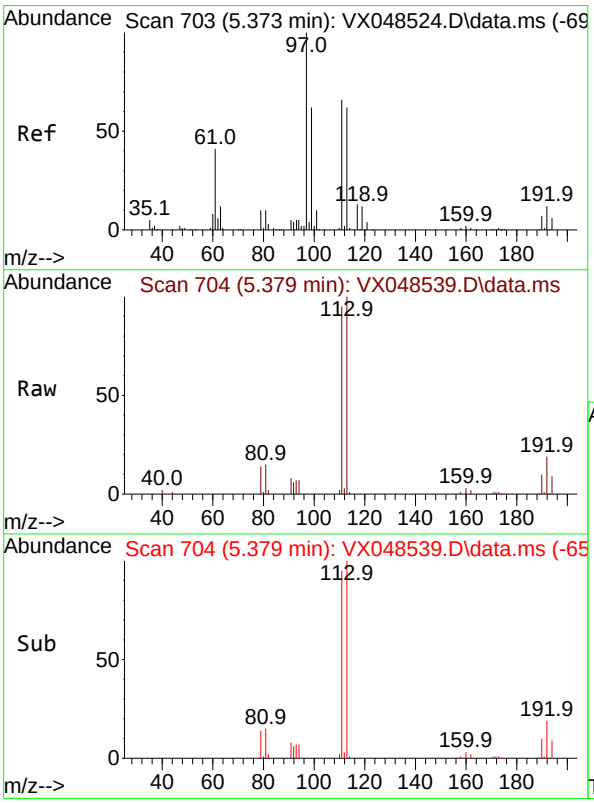
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:114 Resp: 331464

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.2
88	15.8	0.0	32.2

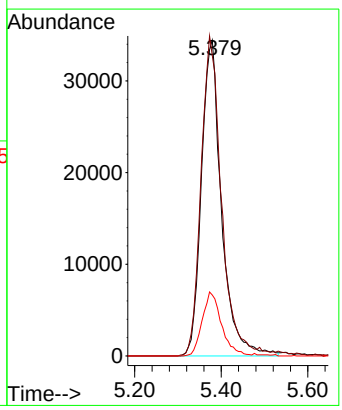


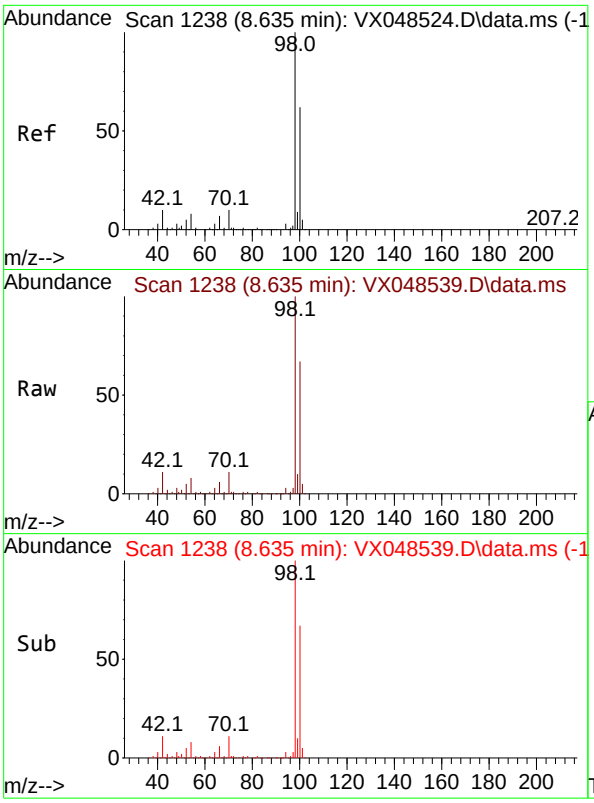


#35
Dibromofluoromethane
Concen: 44.238 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion:113 Resp: 110982

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.5	15.8	23.6



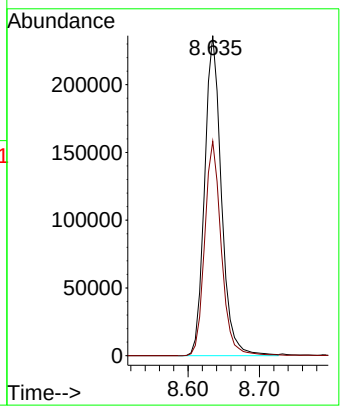


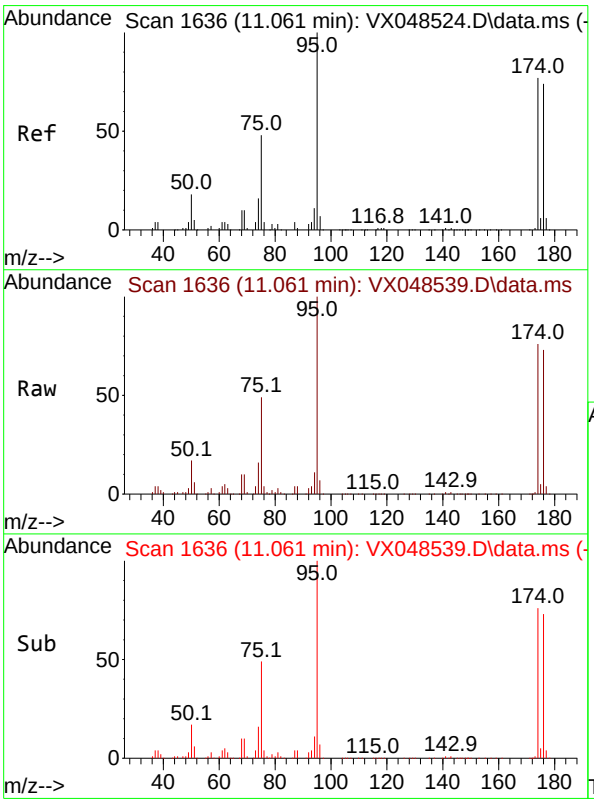
#50
Toluene-d8
Concen: 49.190 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion: 98 Resp: 384880

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

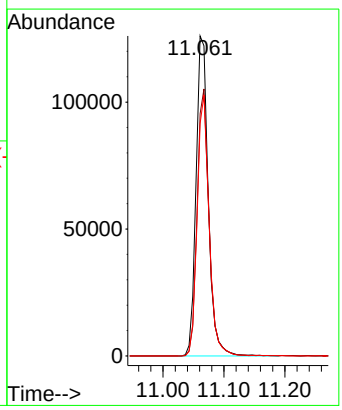


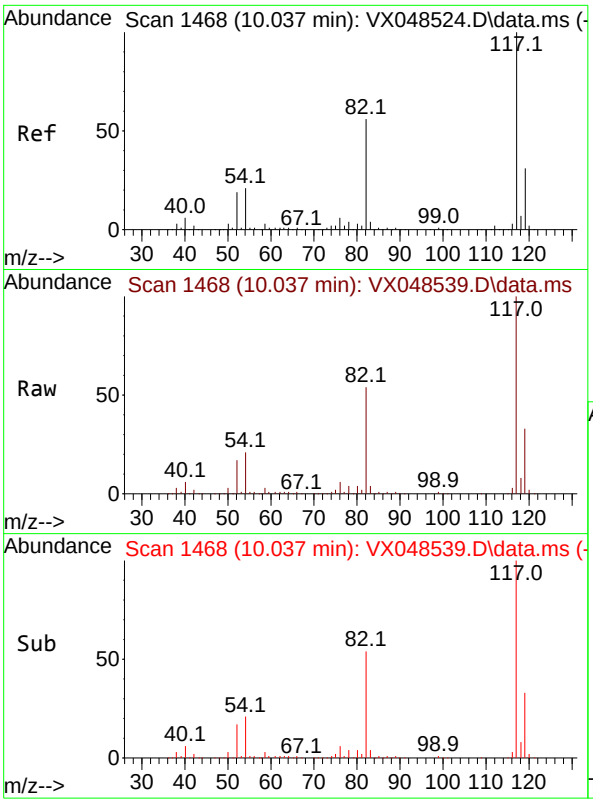


#62
4-Bromofluorobenzene
Concen: 60.110 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion: 95 Resp: 175272

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	161.8
176	79.5	0.0	153.6



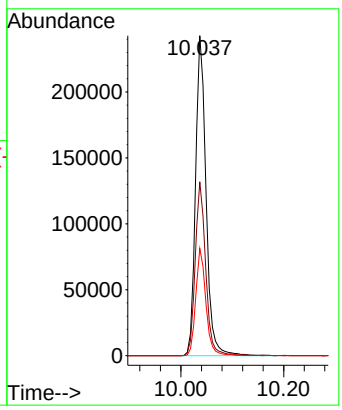


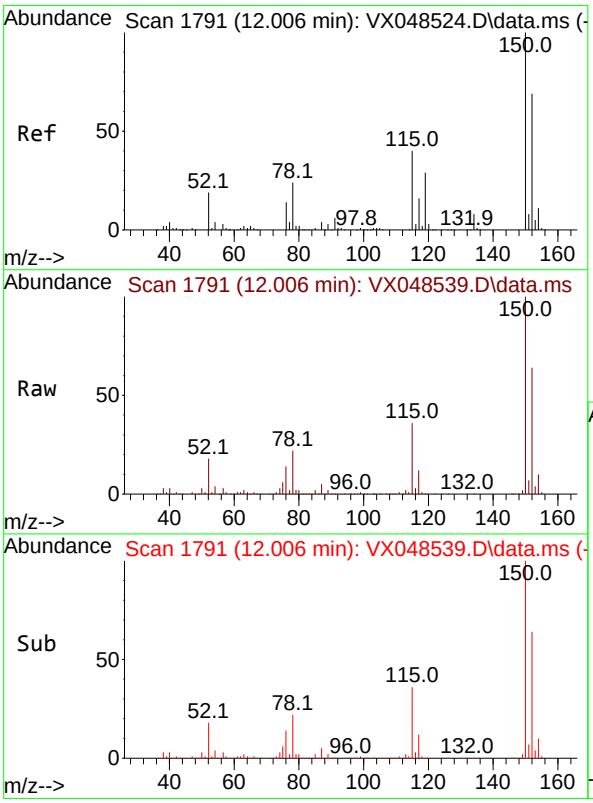
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Tgt Ion:117 Resp: 343876

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.4	66.6
119	33.5	25.1	37.7

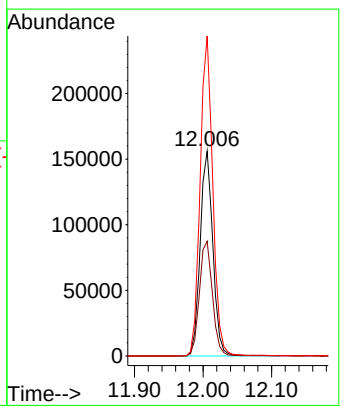




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048539.D
Acq: 10 Nov 2025 15:06

Tgt Ion:152 Resp: 201653

Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.2	117.6
150	154.9	0.0	347.0



Sample Results: **VX048539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048539.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.520	229	235	244	rBV	14805	31476	2.73%	0.524%
2	4.538	554	566	577	rBV2	16039	58004	5.03%	0.966%
3	5.373	690	703	720	rBV2	109592	355770	30.86%	5.927%
4	5.538	720	730	752	rVB	152963	480345	41.66%	8.002%
5	5.940	786	796	820	rBV2	112167	335237	29.07%	5.585%
6	6.745	917	928	952	rBV	281561	743354	64.47%	12.384%
7	8.635	1231	1238	1253	rBV	614359	998317	86.58%	16.631%
8	10.037	1462	1468	1488	rBV	718290	1017227	88.22%	16.946%
9	11.067	1631	1637	1655	rBV	583898	829907	71.98%	13.826%
10	12.006	1785	1791	1801	rBV	869498	1153028	100.00%	19.209%

Sum of corrected areas: 6002665

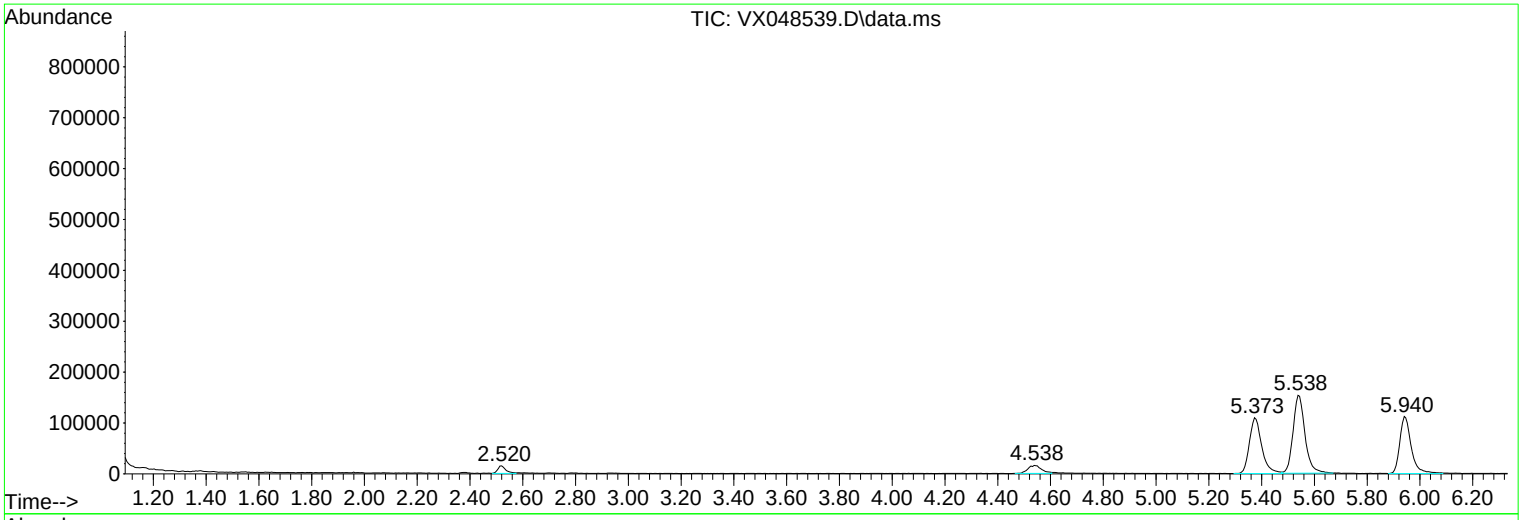
Sample Results: **VX048539.D**

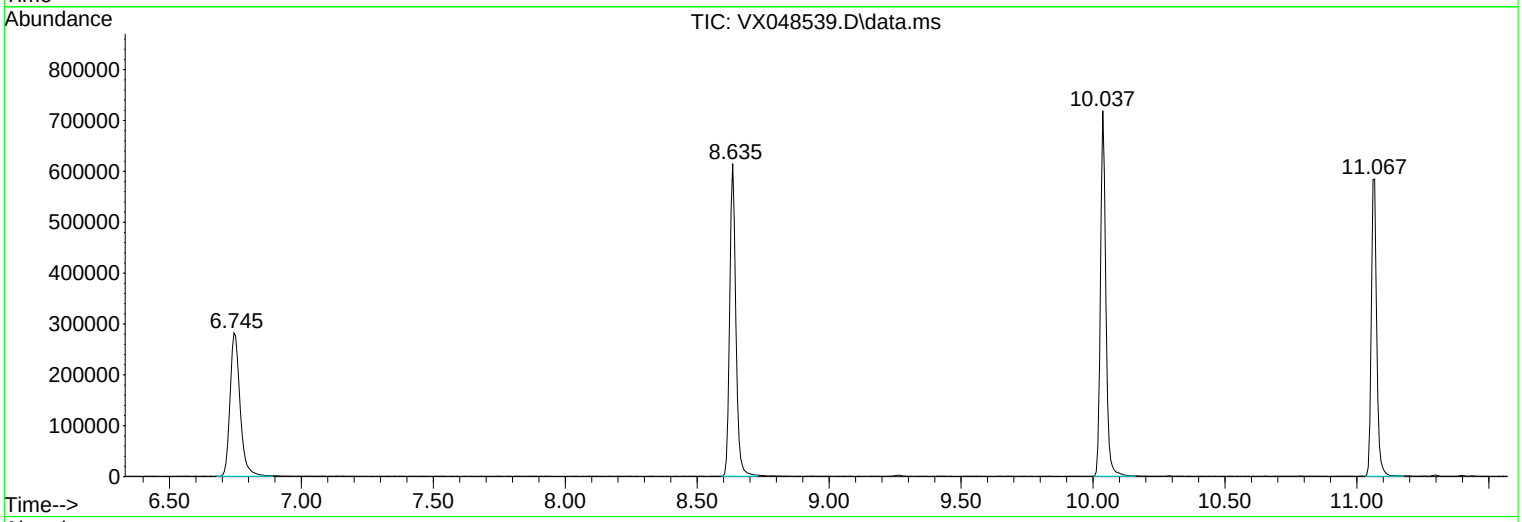
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

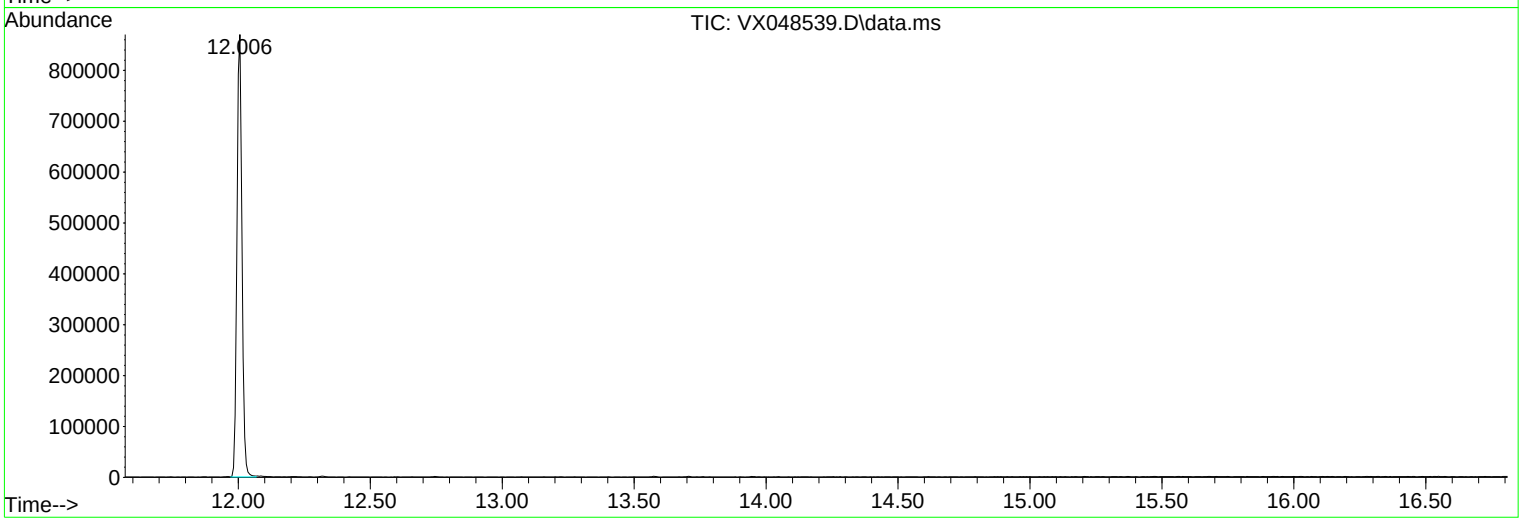
Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX048539.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048539.D
Acq On : 10 Nov 2025 15:06
Operator : JC/MD
Sample : Q3584-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Time: Nov 12 04:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

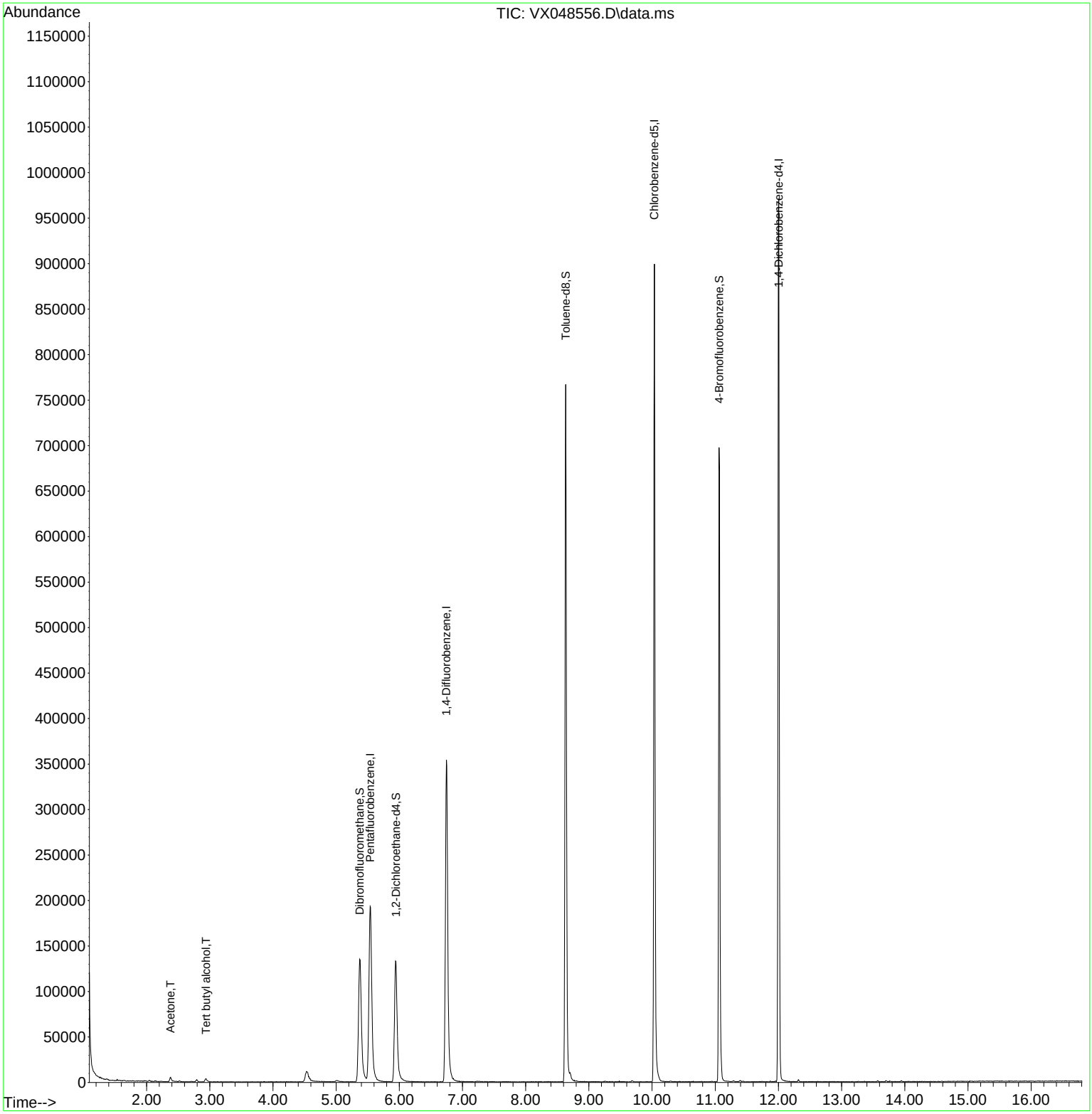
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	213710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	420027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	432332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	225901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	146403	49.163	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.320%			
35) Dibromofluoromethane	5.373	113	138352	43.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.040%			
50) Toluene-d8	8.635	98	495865	50.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.061	95	207015	56.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	4576	8.110	ug/l #	91
16) Acetone	2.380	43	7007	4.971	ug/l	93

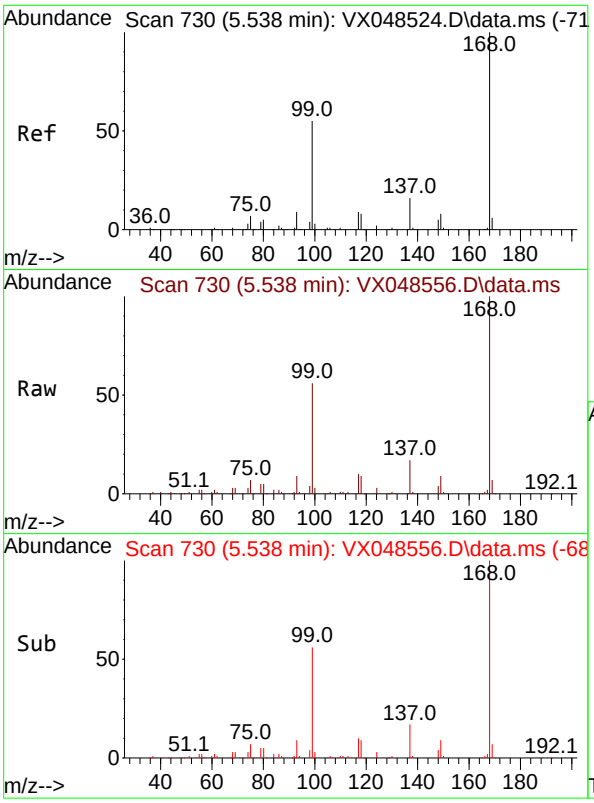
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Time: Nov 12 04:44:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



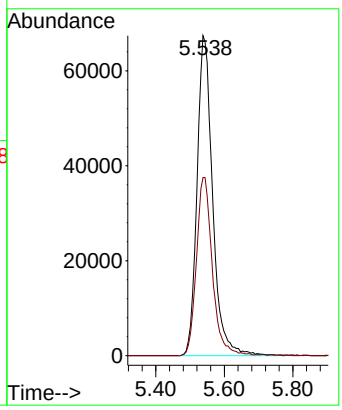


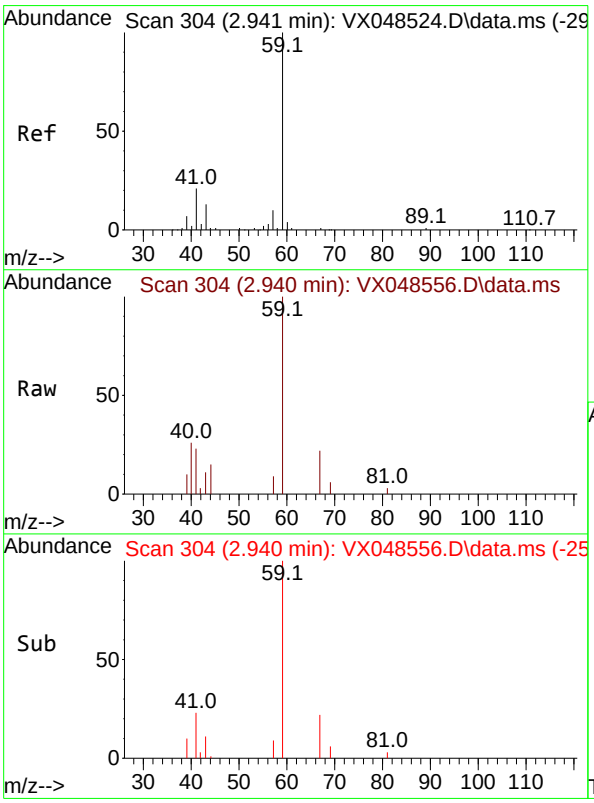
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:168 Resp: 213710

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.2	67.8

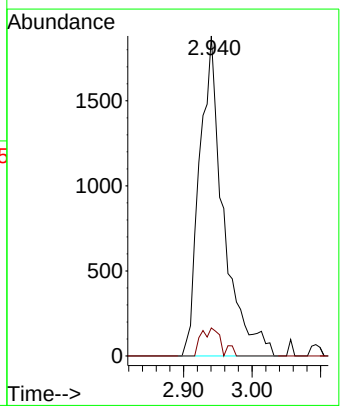


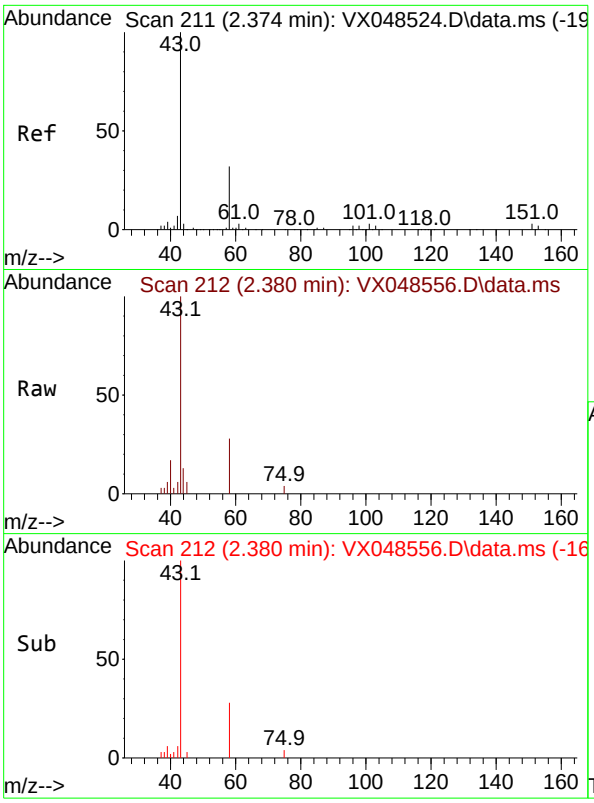


#11
Tert butyl alcohol
Concen: 8.110 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 59 Resp: 4576

Ion	Ratio	Lower	Upper
59	100		
57	7.4	8.6	13.0#



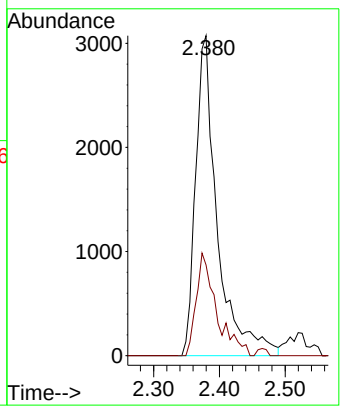


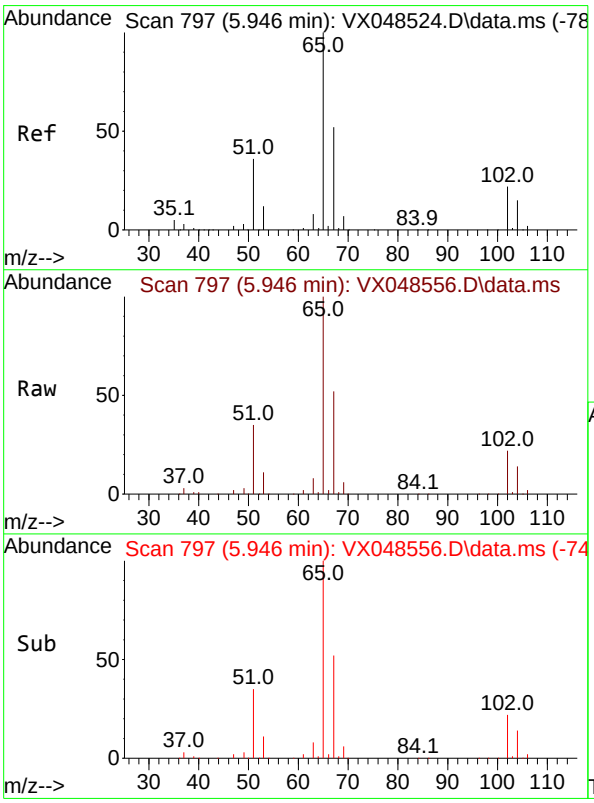
#16
Acetone
Concen: 4.971 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion: 43 Resp: 7007

Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.8	38.6

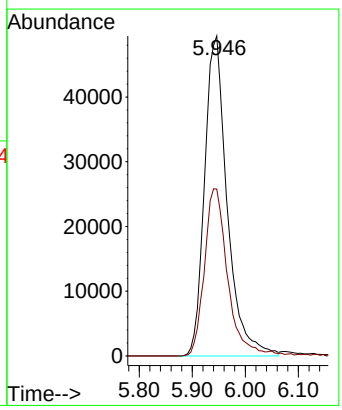


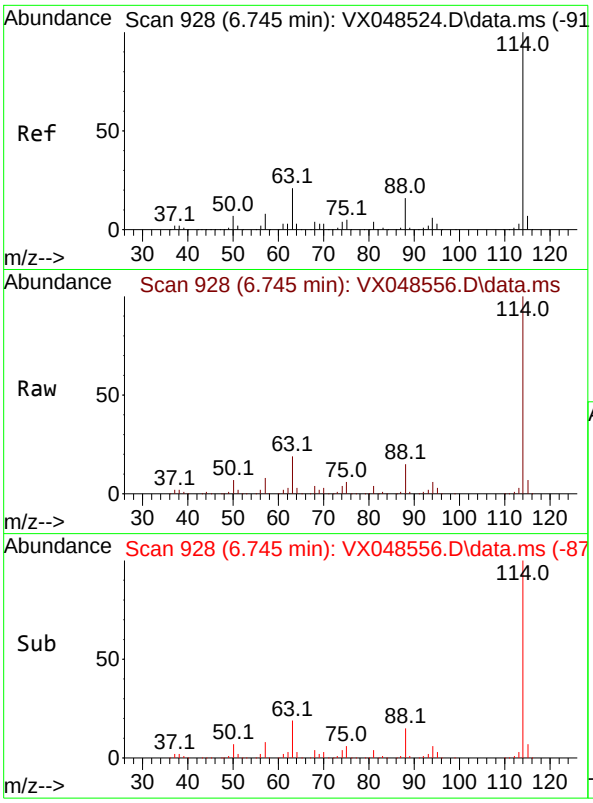


#33
1,2-Dichloroethane-d4
Concen: 49.163 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 65 Resp: 146403

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.2



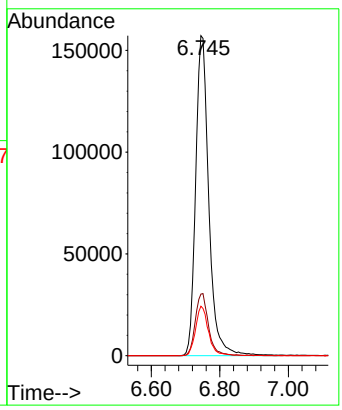


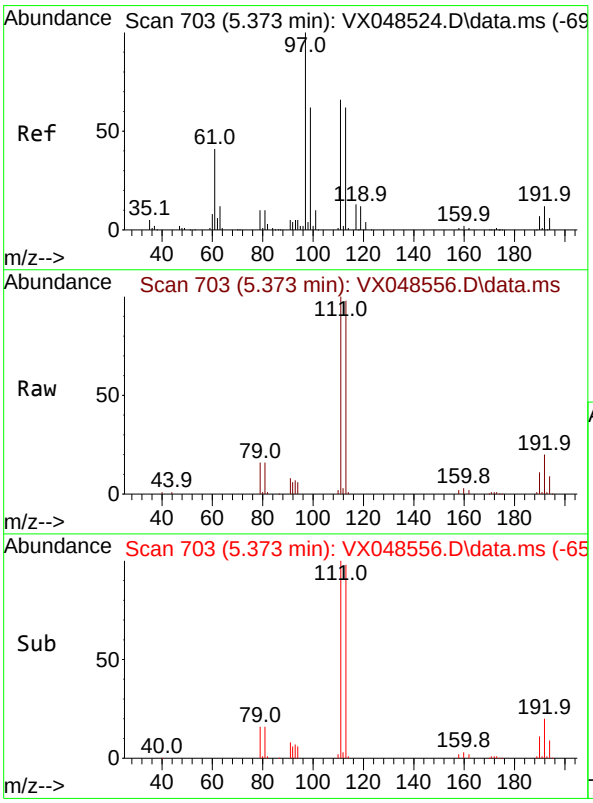
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:114 Resp: 420027

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	15.4	0.0	32.2

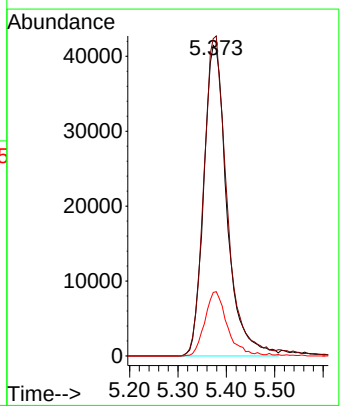


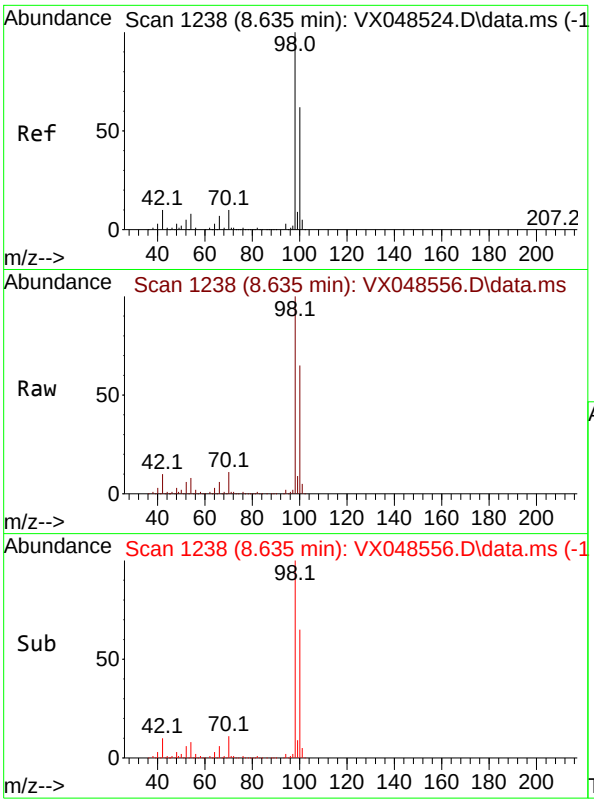


#35
Dibromofluoromethane
Concen: 43.520 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion:113 Resp: 138352

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.0	15.8	23.6



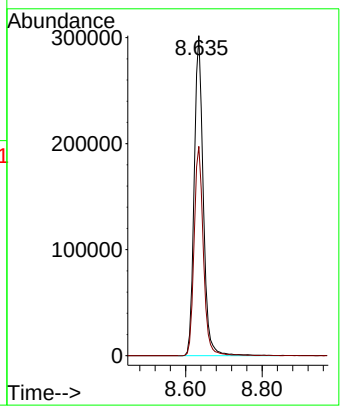


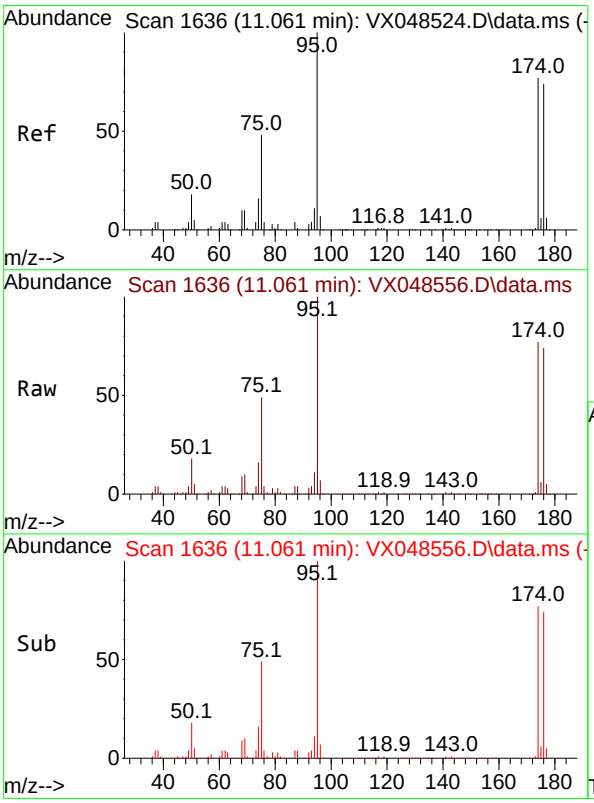
#50
Toluene-d8
Concen: 50.012 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion: 98 Resp: 495865

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.6	80.4

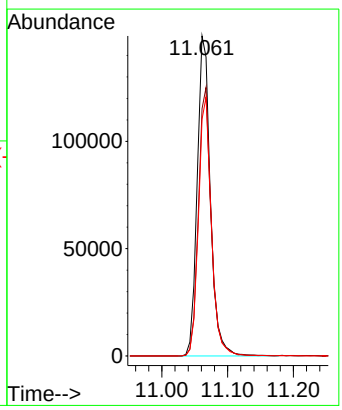


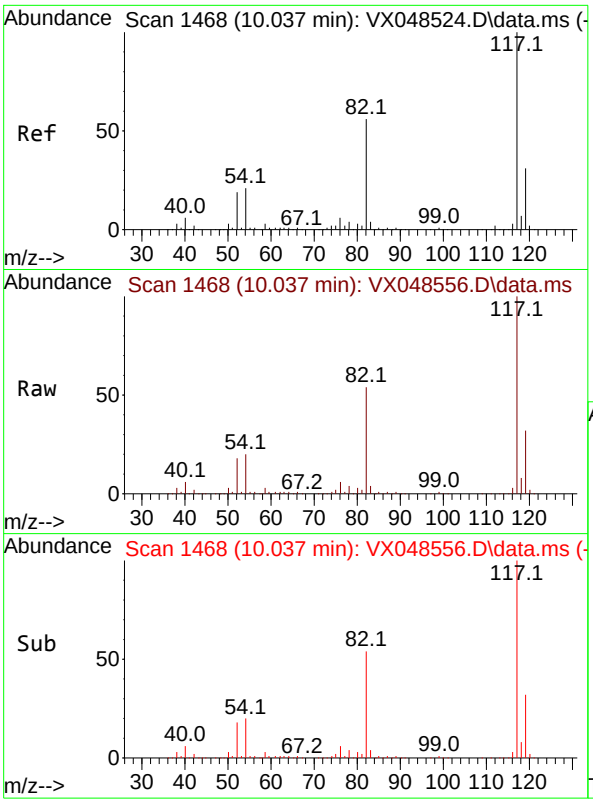


#62
4-Bromofluorobenzene
Concen: 56.027 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion: 95 Resp: 207015

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.8
176	79.4	0.0	153.6



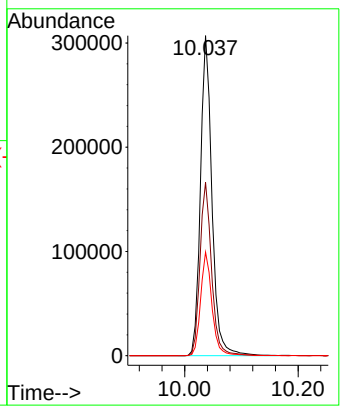


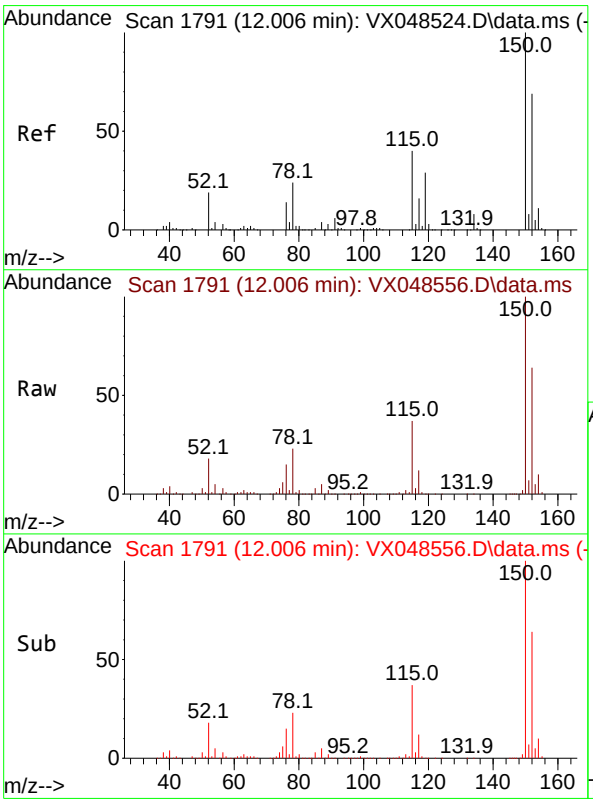
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Tgt Ion:117 Resp: 432332

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.4	66.6
119	32.4	25.1	37.7

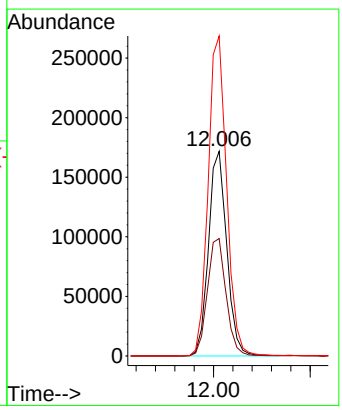




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048556.D
Acq: 11 Nov 2025 12:04

Tgt Ion:152 Resp: 225901

Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.2	117.6
150	158.2	0.0	347.0



Sample Results: **VX048556.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.532	555	565	576	rBV2	11321	42743	3.23%	0.587%
2	5.373	691	703	720	rBV	134775	443613	33.49%	6.091%
3	5.538	720	730	758	rVB	192286	615429	46.46%	8.450%
4	5.940	786	796	824	rBV	133005	406872	30.71%	5.586%
5	6.745	918	928	945	rBV	353929	926263	69.92%	12.717%
6	8.635	1231	1238	1248	rBV	766524	1271416	95.97%	17.456%
7	10.037	1462	1468	1484	rBV	898667	1272488	96.05%	17.471%
8	11.061	1631	1636	1654	rBV	697122	980022	73.98%	13.455%
9	12.006	1785	1791	1802	rBV	970353	1324767	100.00%	18.188%

Sum of corrected areas: 7283613

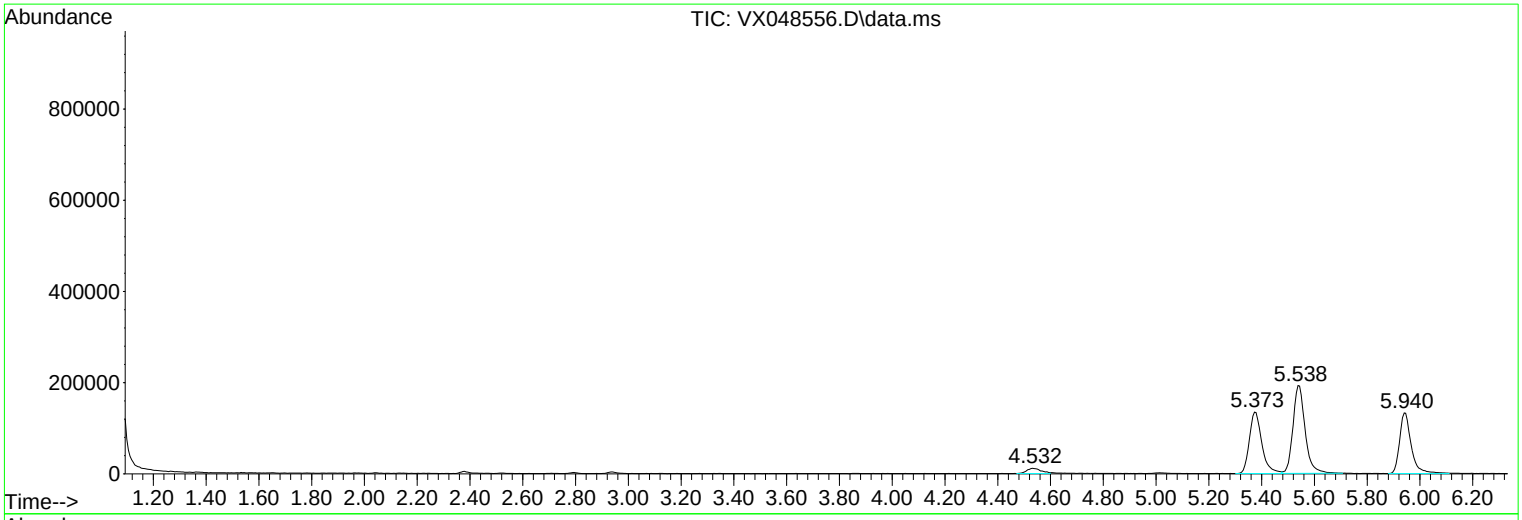
Sample Results: **VX048556.D**

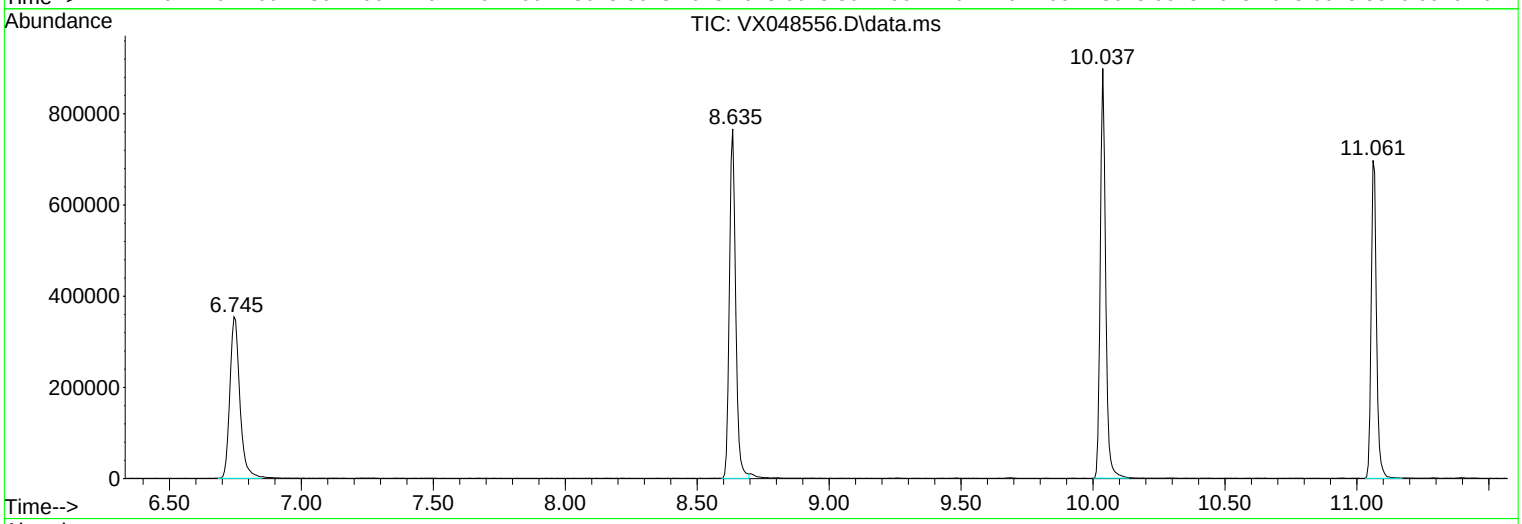
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

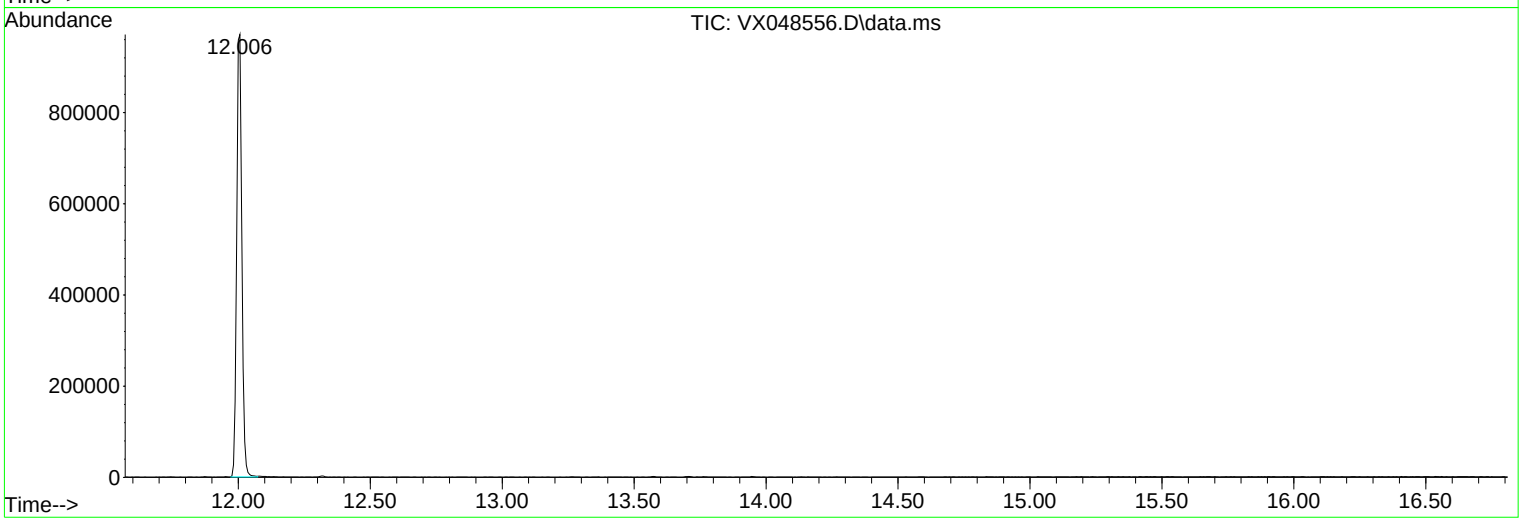
Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048556.D
Acq On : 11 Nov 2025 12:04
Operator : JC/MD
Sample : Q3584-07 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEEP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	157554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	305452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	110098	50.150	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.367	113	102040	44.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.280%			
50) Toluene-d8	8.628	98	378237	52.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.061	95	156298	58.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.340%			

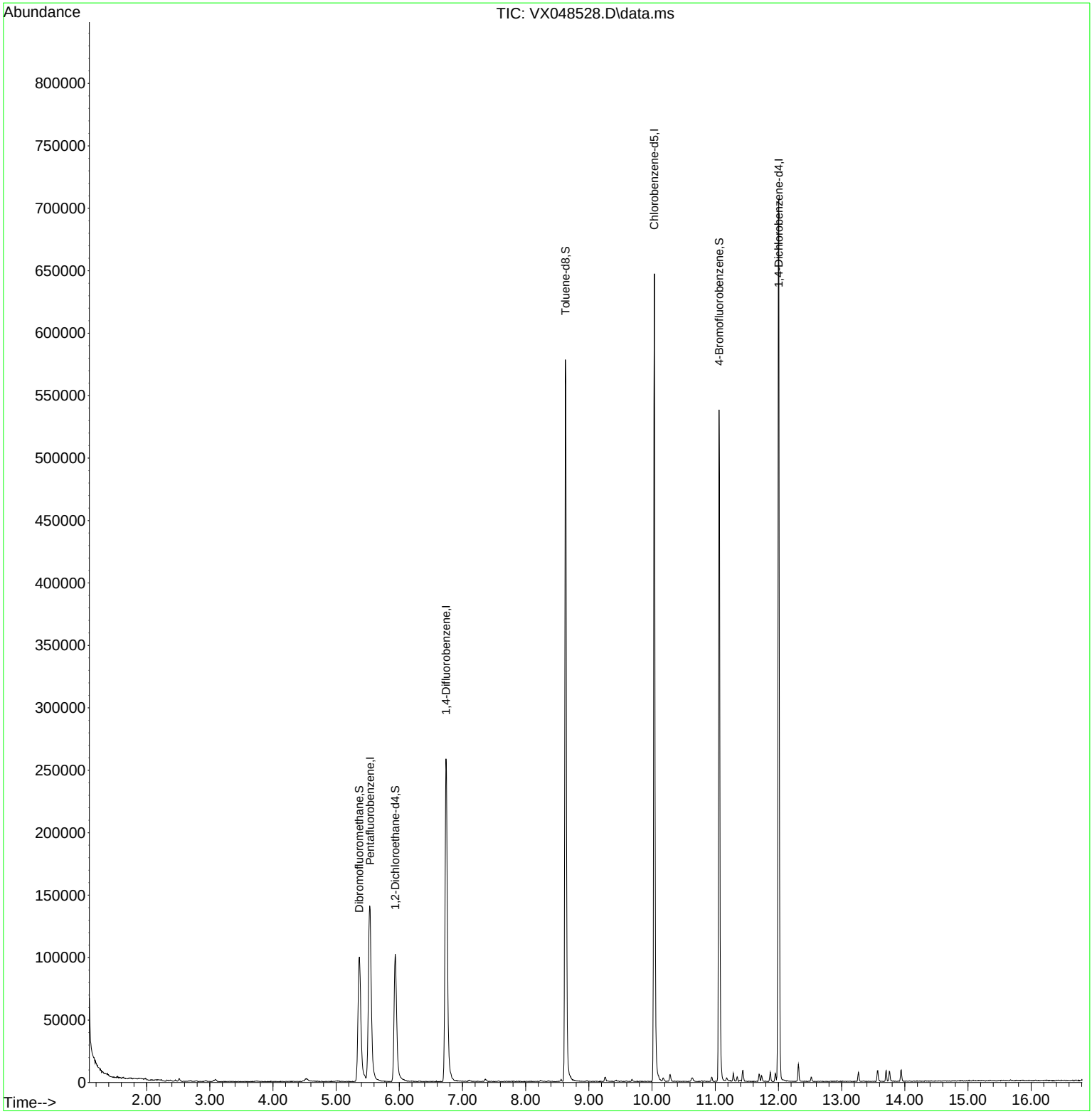
Target Compounds Qvalue

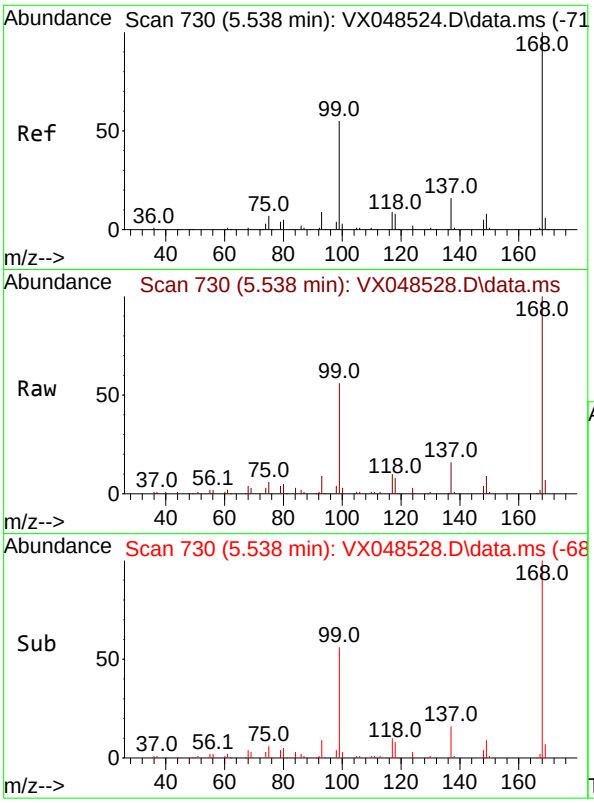
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



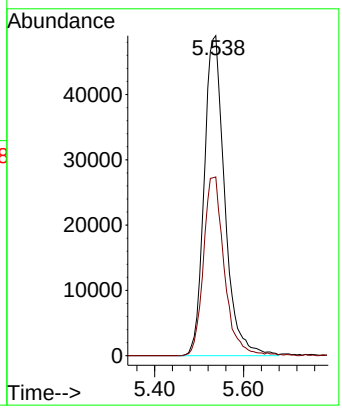


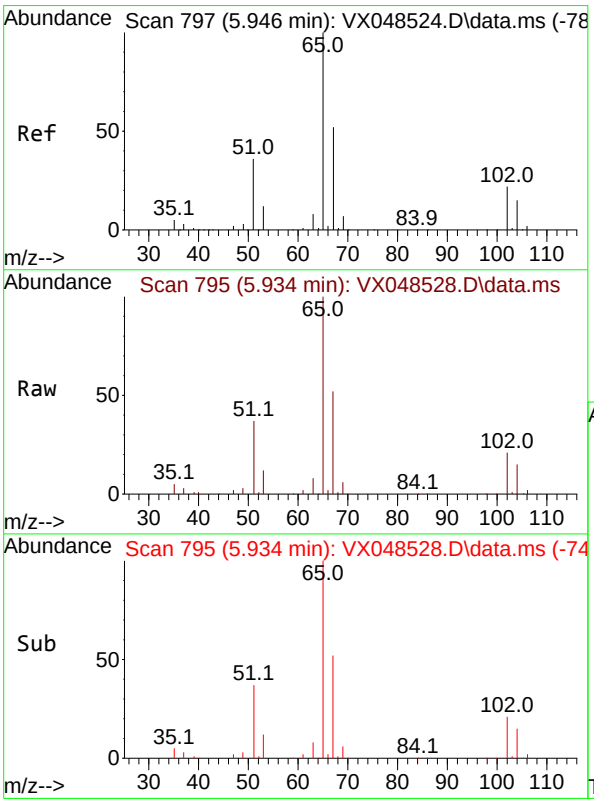
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:168 Resp: 157554

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.2	67.8

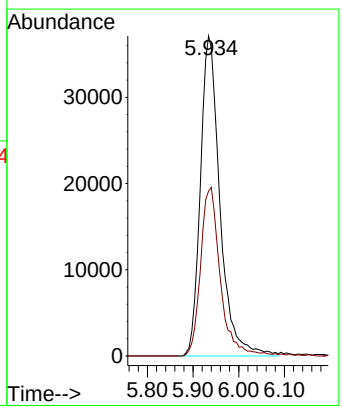


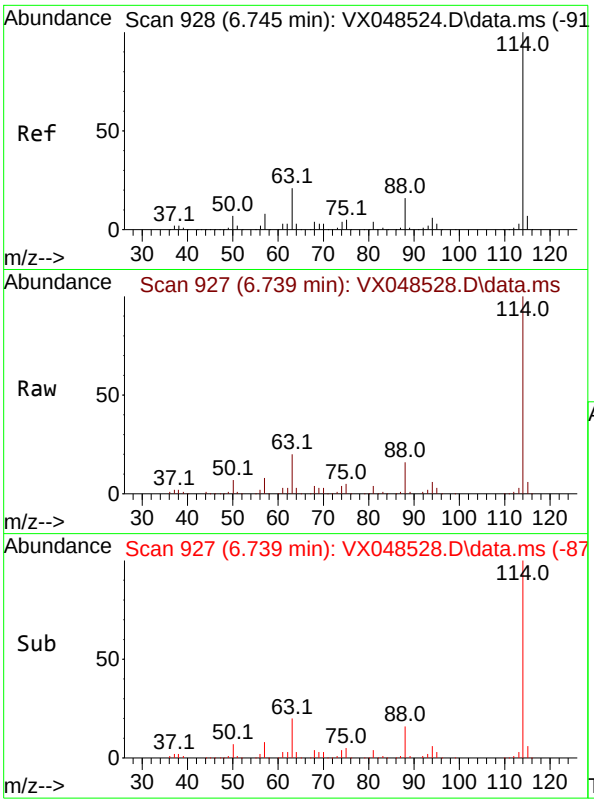


#33
1,2-Dichloroethane-d4
Concen: 50.150 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 65 Resp: 110098

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2



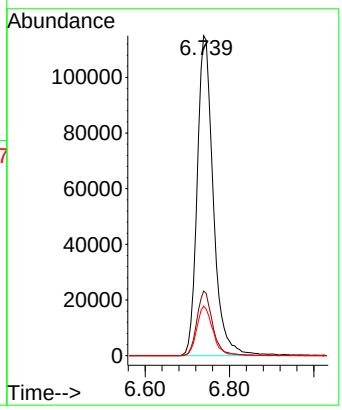


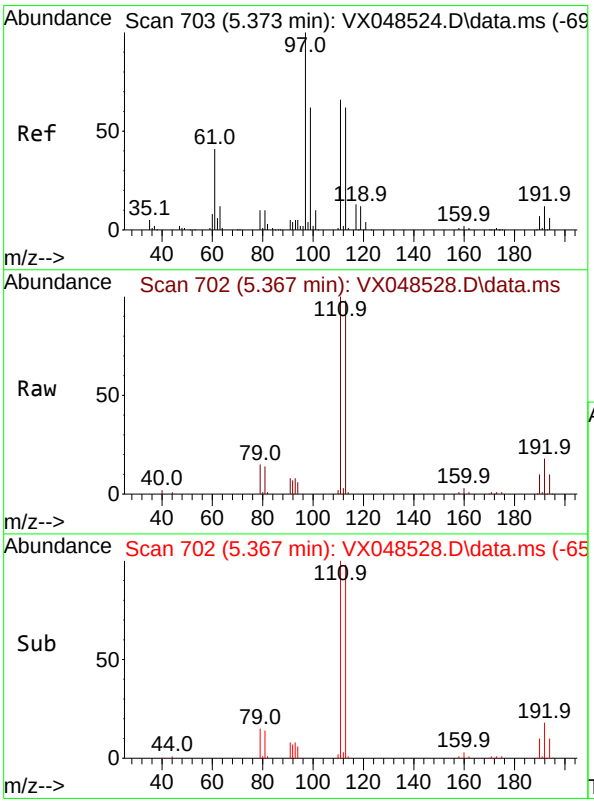
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:114 Resp: 305452

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	15.5	0.0	32.2

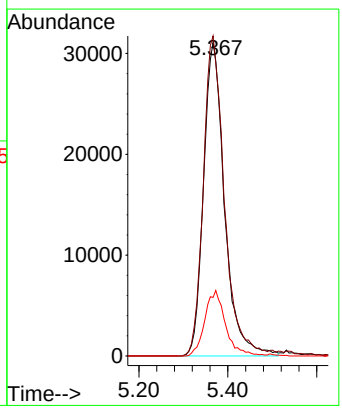


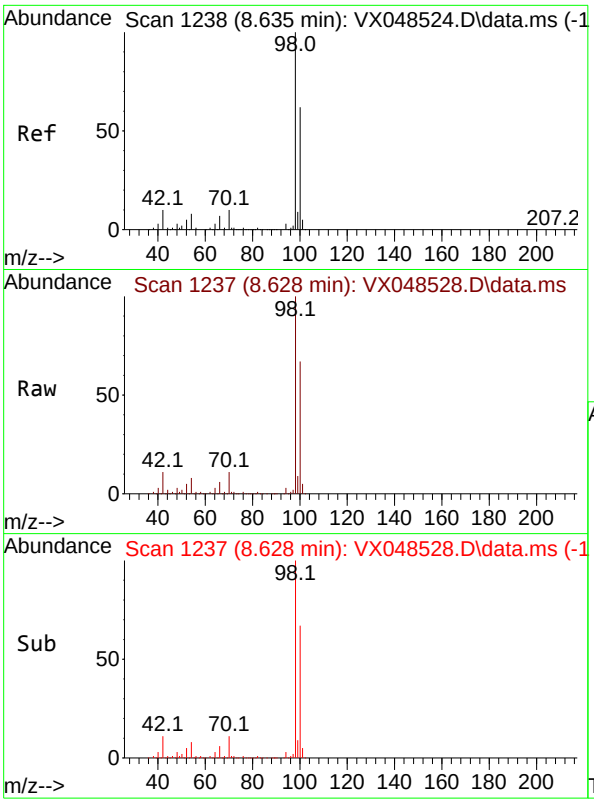


#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:113 Resp: 102040

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.6	15.8	23.6



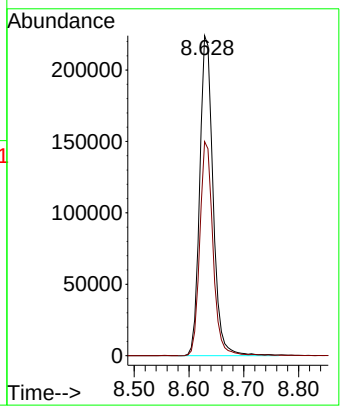


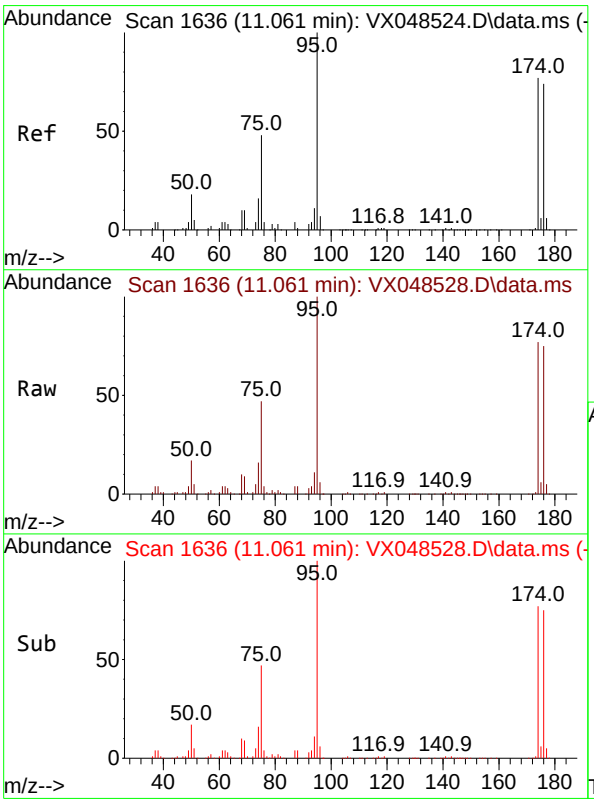
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion: 98 Resp: 378237

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

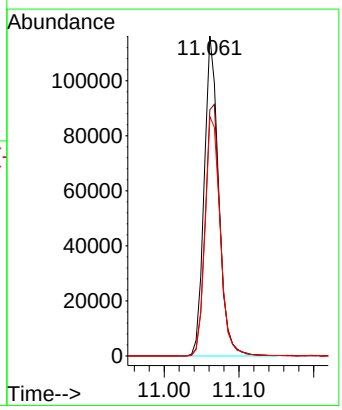


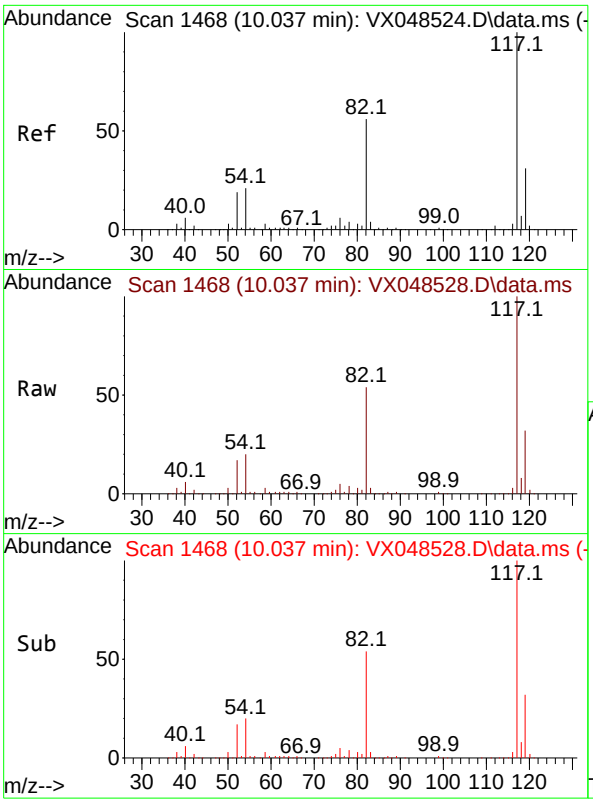


#62
4-Bromofluorobenzene
Concen: 58.167 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 95 Resp: 156298

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.8
176	78.4	0.0	153.6



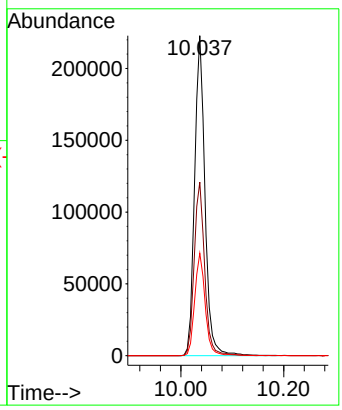


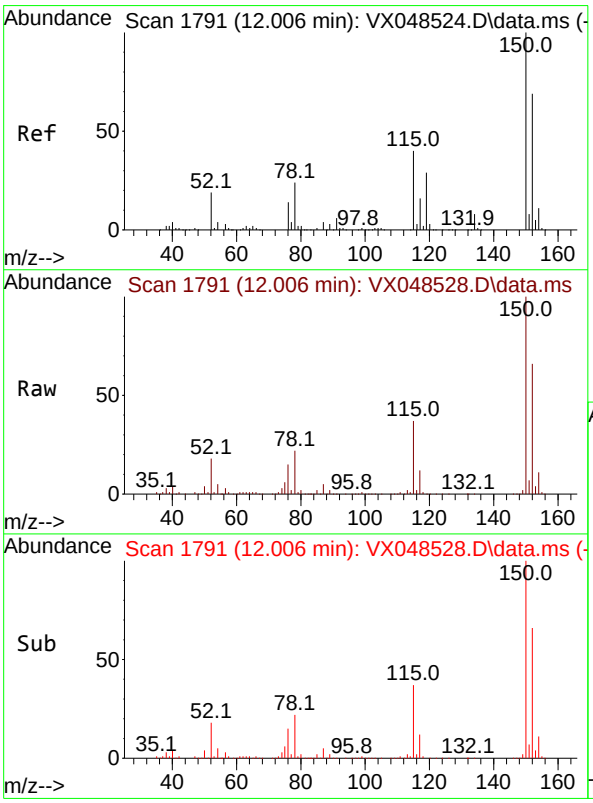
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:117 Resp: 313169

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.4	66.6
119	32.0	25.1	37.7

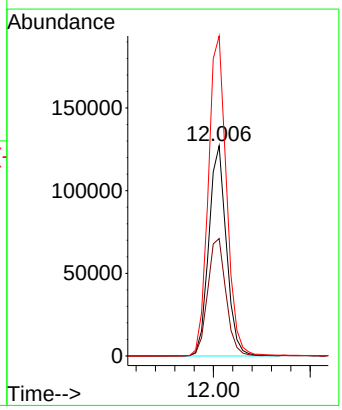




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:152 Resp: 160725

Ion	Ratio	Lower	Upper
152	100		
115	58.4	39.2	117.6
150	157.5	0.0	347.0



Sample Results: **VX048528.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	691	702	719	rBV2	99628	327452	33.45%	6.038%
2	5.531	719	729	751	rVB	139482	441596	45.12%	8.143%
3	5.934	785	795	815	rBV	102095	303644	31.02%	5.599%
4	6.739	918	927	949	rBV	258324	680018	69.47%	12.539%
5	8.628	1230	1237	1255	rBV	577818	978816	100.00%	18.049%
6	10.037	1462	1468	1487	rBV	646598	927426	94.75%	17.101%
7	11.061	1631	1636	1651	rBV	537510	732496	74.83%	13.507%
8	11.439	1694	1698	1704	rVB2	8757	12662	1.29%	0.233%
9	12.006	1785	1791	1801	rVB	705798	955693	97.64%	17.622%
10	12.317	1837	1842	1850	rVB2	13590	17420	1.78%	0.321%
11	13.573	2042	2048	2052	rBV	8818	12662	1.29%	0.233%
12	13.707	2065	2070	2074	rBV2	8694	10866	1.11%	0.200%
13	13.756	2074	2078	2083	rVV	7952	10271	1.05%	0.189%
14	13.945	2104	2109	2114	rBV3	9173	12145	1.24%	0.224%

Sum of corrected areas: 5423167

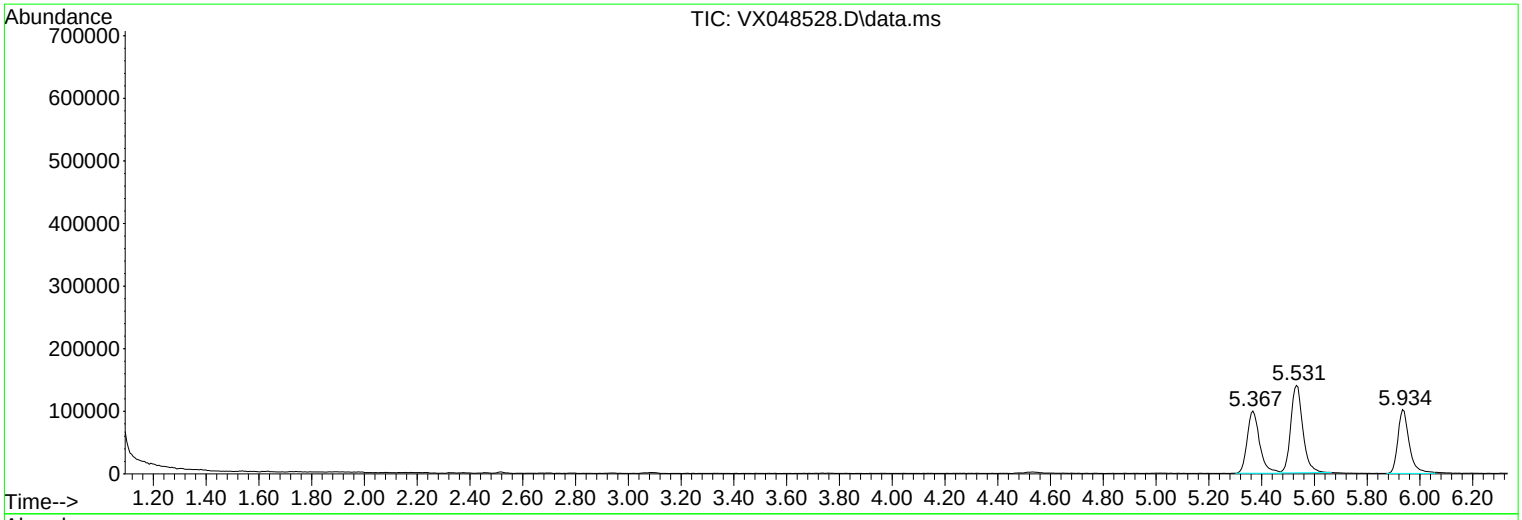
Sample Results: **VX048528.D**

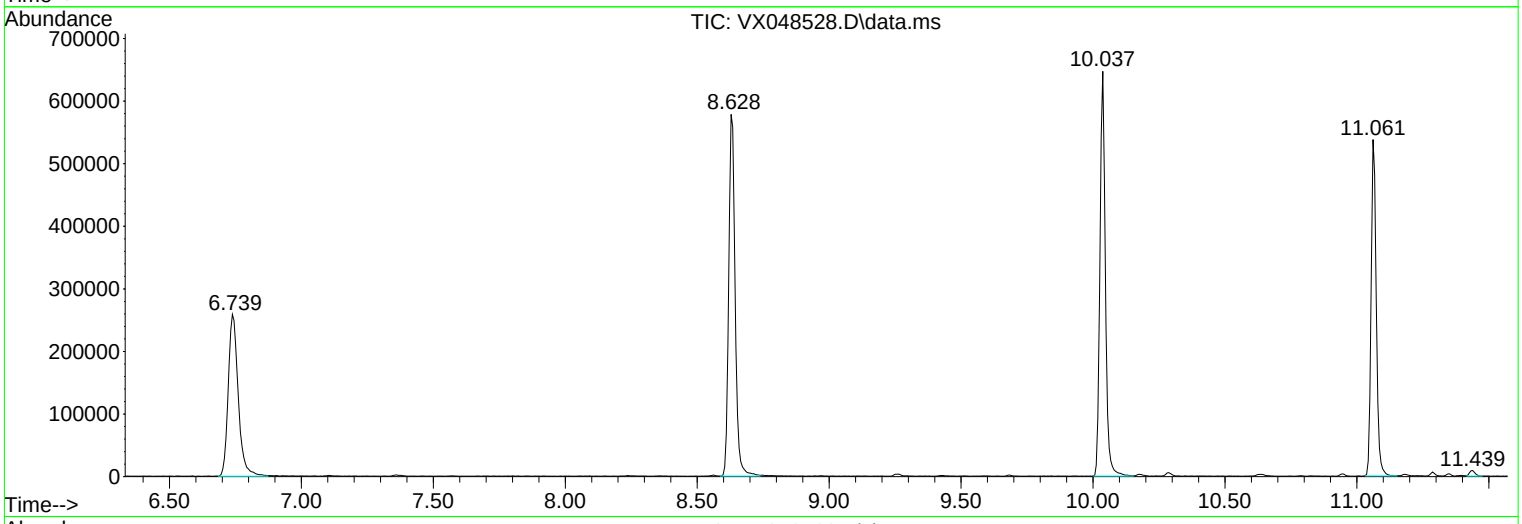
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

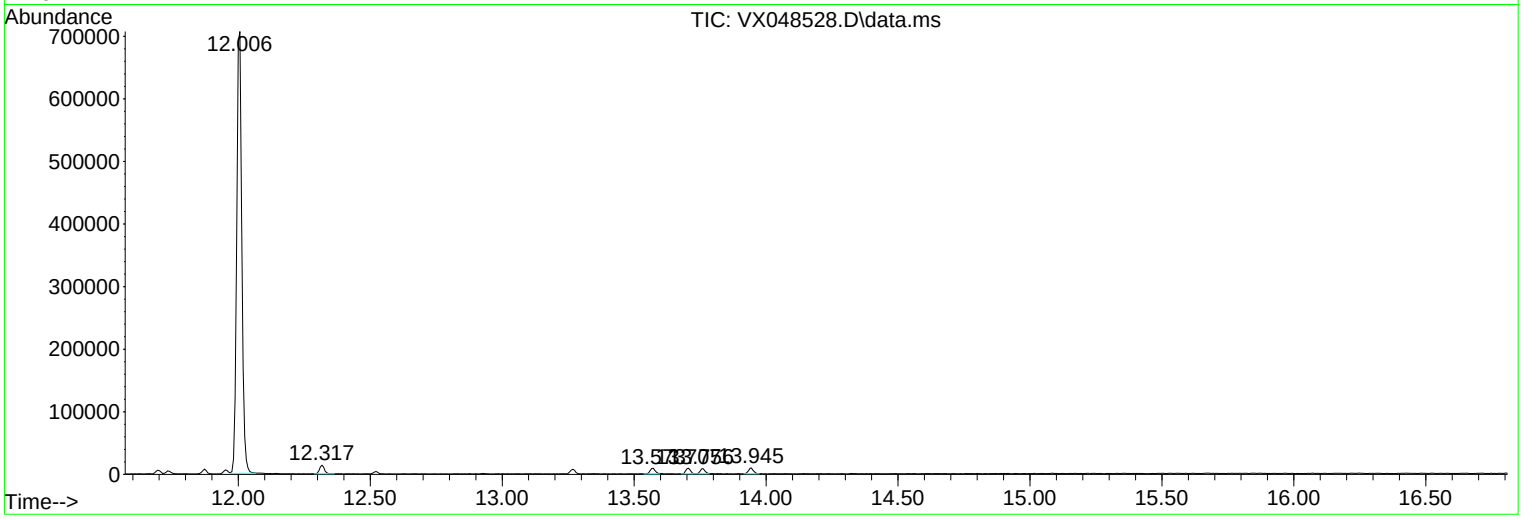
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Sample Results: **VX048528.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Time: Nov 12 04:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	184346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	353648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	374656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142879	55.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.240%			
35) Dibromofluoromethane	5.373	113	127167	47.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	8.635	98	419546	50.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.061	95	180428	57.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.000%			

Target Compounds Qvalue

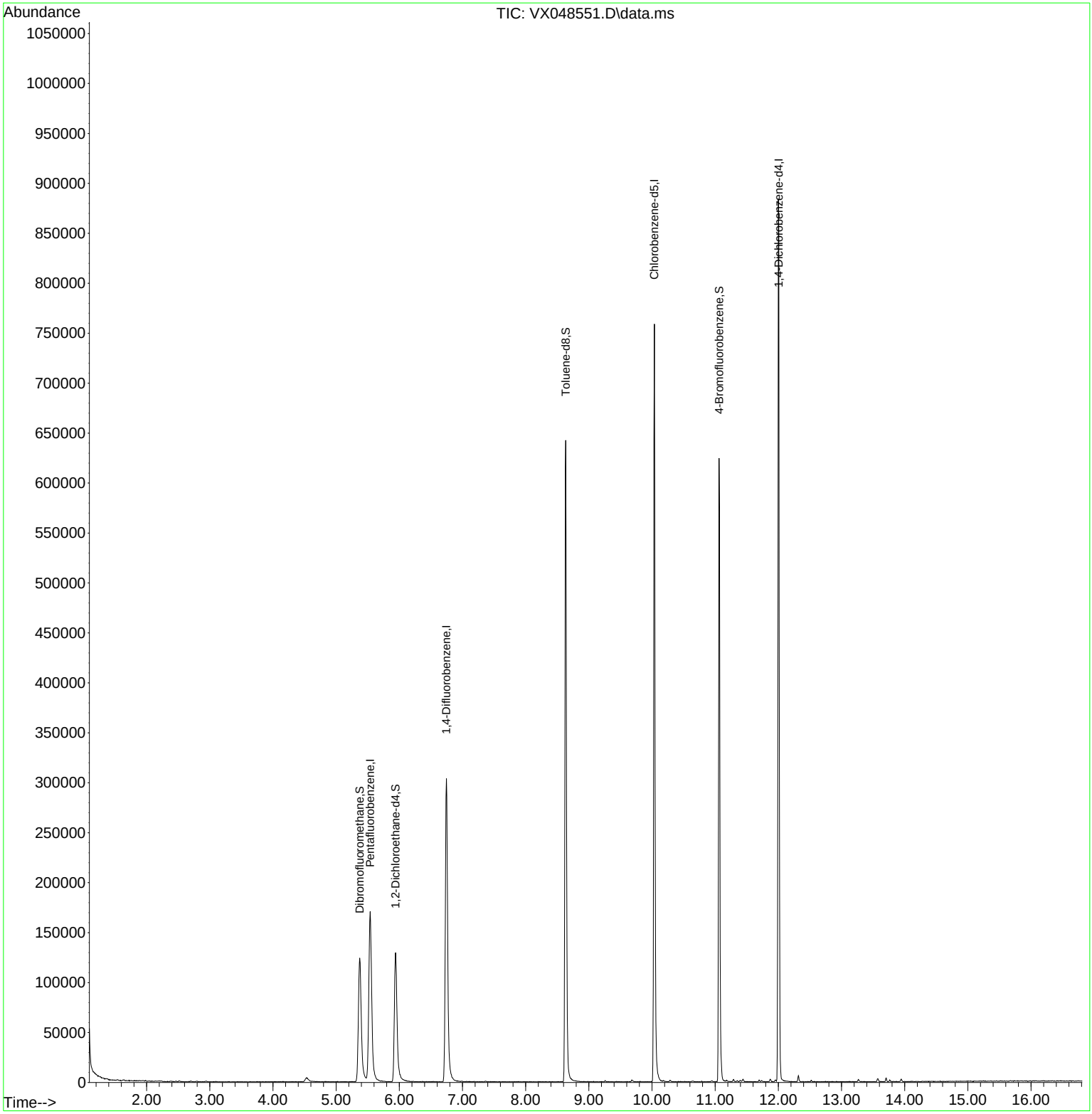
(#) = qualifier out of range (m) = manual integration (+) = signals summed

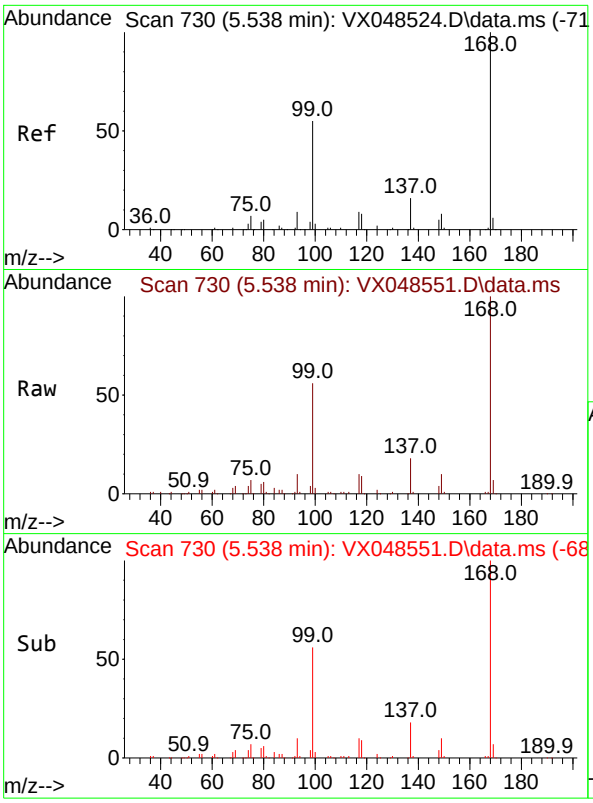
Sample Results: **VX048551.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Time: Nov 12 04:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



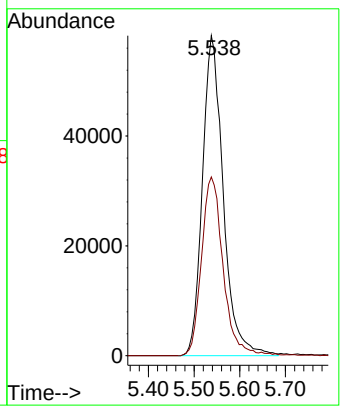


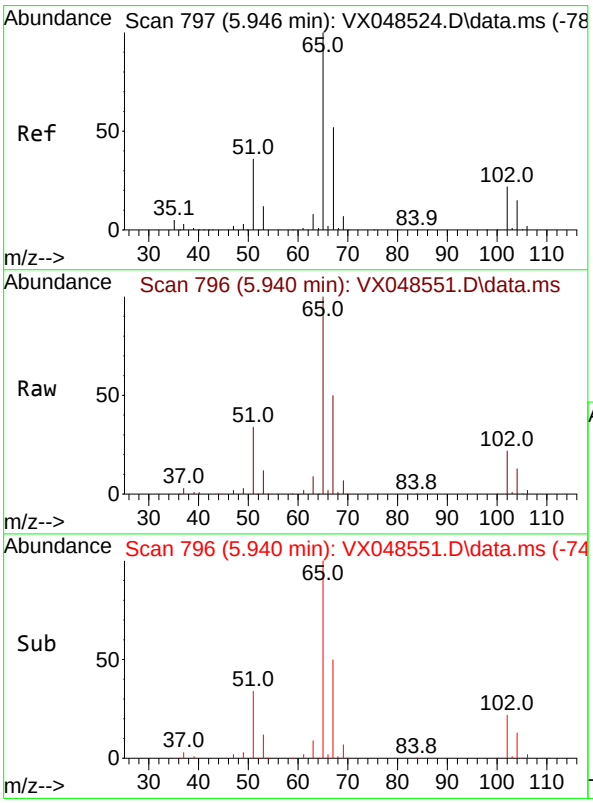
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:168 Resp: 184346

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.2	67.8

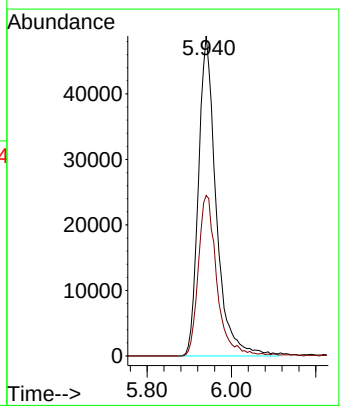


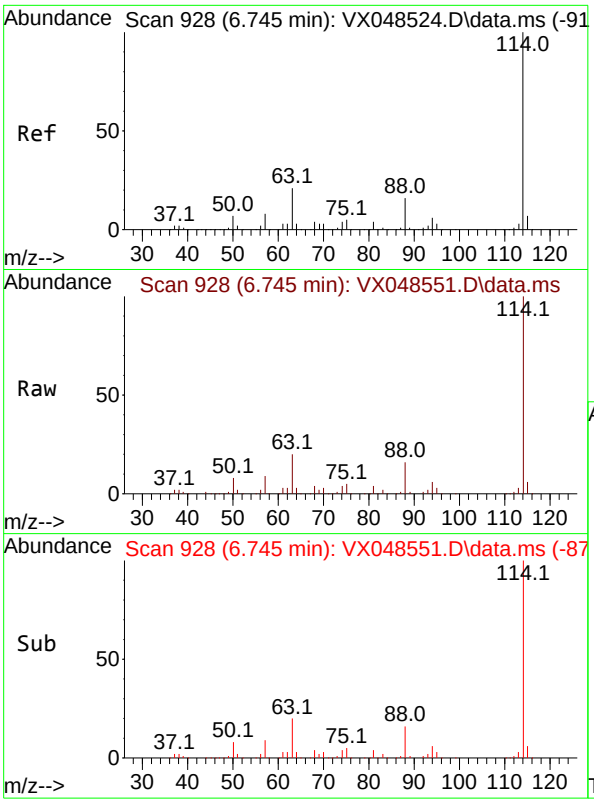


#33
1,2-Dichloroethane-d4
Concen: 55.623 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion: 65 Resp: 142879

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



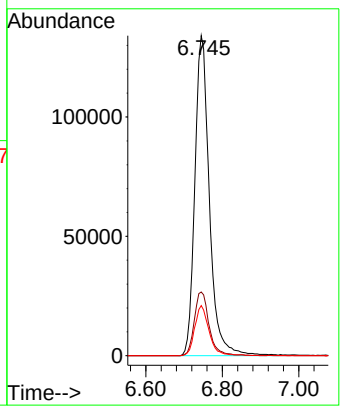


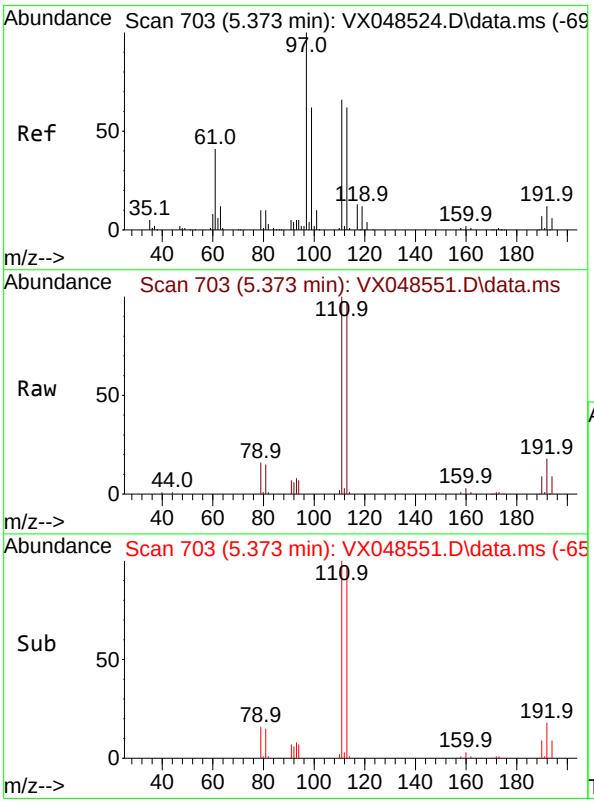
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:114 Resp: 353648

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.2
88	15.7	0.0	32.2

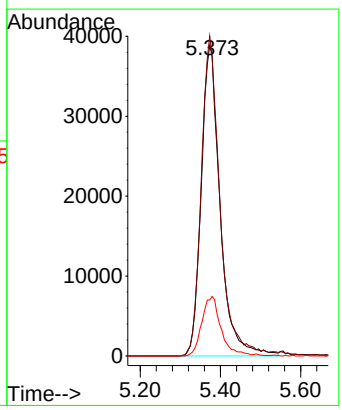


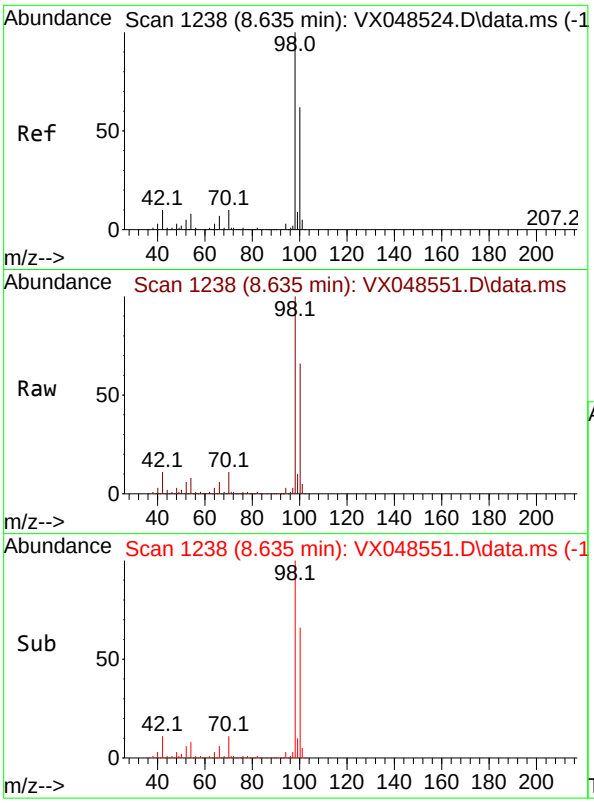


#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion:113 Resp: 127167

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.3	15.8	23.6



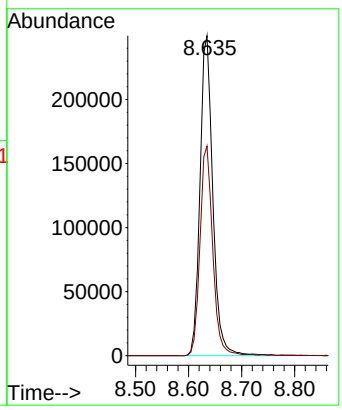


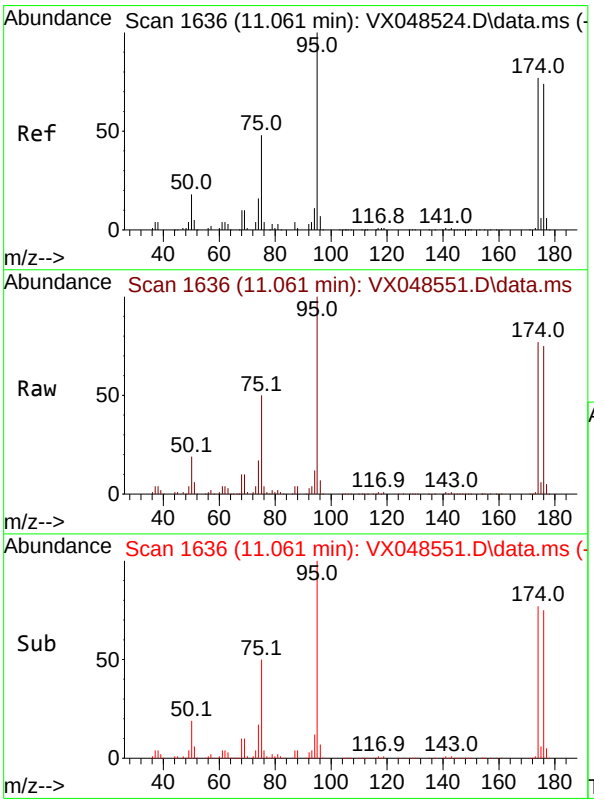
#50
Toluene-d8
Concen: 50.257 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion: 98 Resp: 419546

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.6	80.4

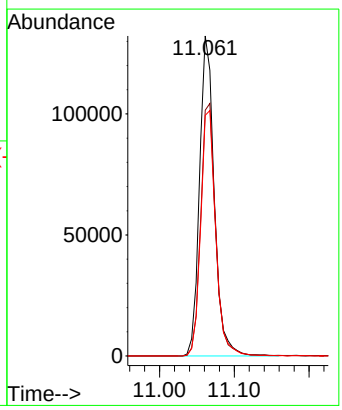


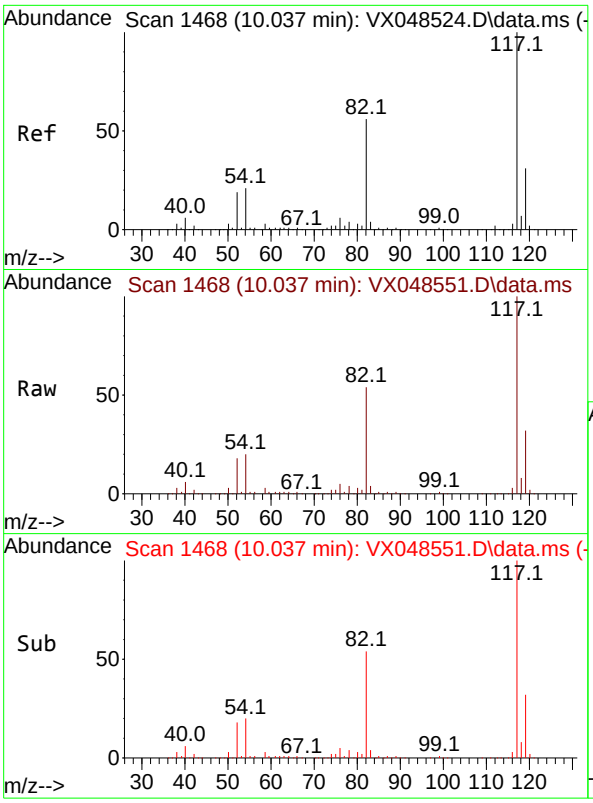


#62
4-Bromofluorobenzene
Concen: 57.997 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion: 95 Resp: 180428

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	161.8
176	78.3	0.0	153.6



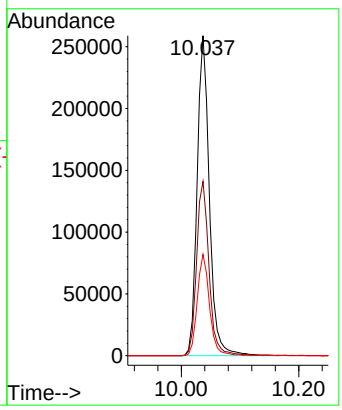


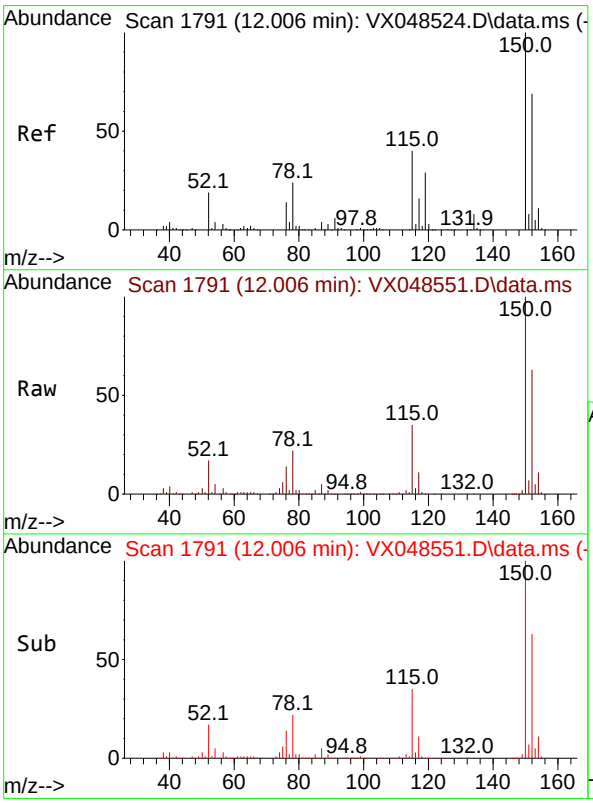
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Tgt Ion:117 Resp: 374656

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.4	66.6
119	31.7	25.1	37.7

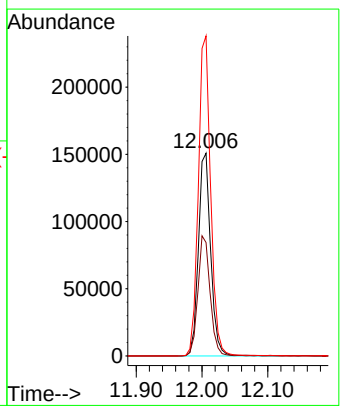




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048551.D
Acq: 11 Nov 2025 10:02

Tgt Ion:152 Resp: 195630

Ion	Ratio	Lower	Upper
152	100		
115	59.1	39.2	117.6
150	158.6	0.0	347.0



Sample Results: **VX048551.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048551.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.532	554	565	577	rBV2	4299	15812	1.37%	0.248%
2	5.373	689	703	720	rBV2	124038	405584	35.01%	6.371%
3	5.538	720	730	754	rVB	169510	537606	46.41%	8.445%
4	5.940	786	796	821	rBV	129311	391095	33.76%	6.144%
5	6.745	918	928	951	rBV	303403	798942	68.97%	12.550%
6	8.635	1231	1238	1259	rBV	641931	1087164	93.85%	17.078%
7	10.037	1462	1468	1484	rBV	758407	1114493	96.21%	17.507%
8	11.061	1631	1636	1652	rBV	624062	856943	73.98%	13.461%
9	12.000	1785	1790	1803	rBV	883227	1158353	100.00%	18.196%

Sum of corrected areas: 6365992

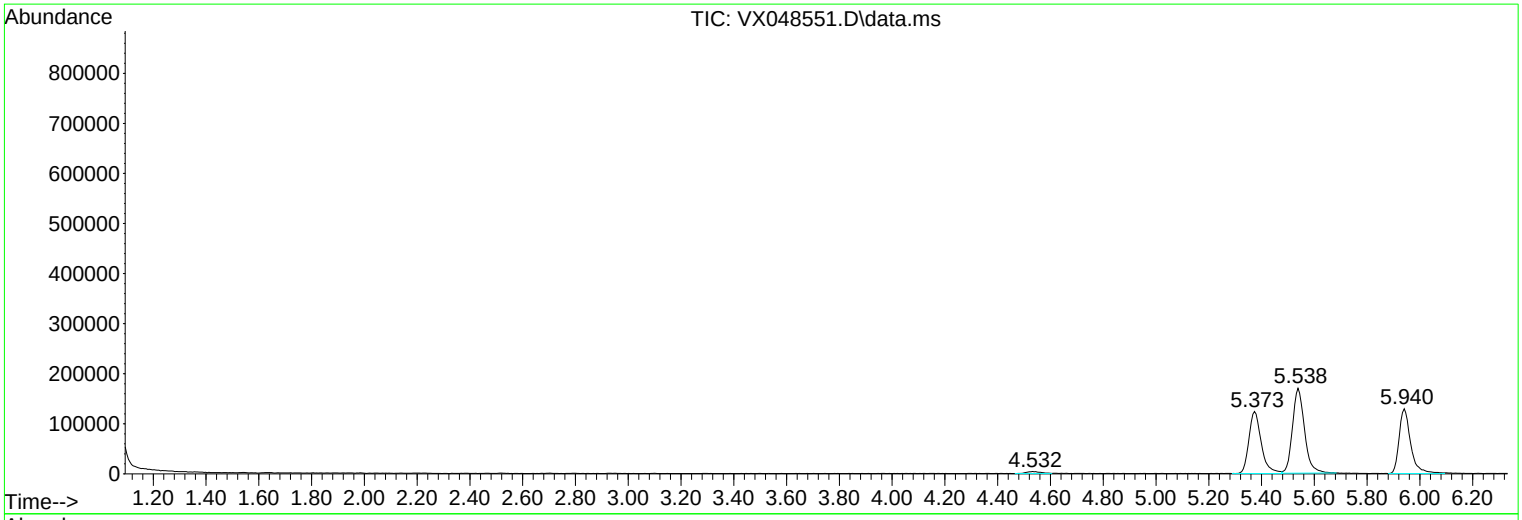
Sample Results: **VX048551.D**

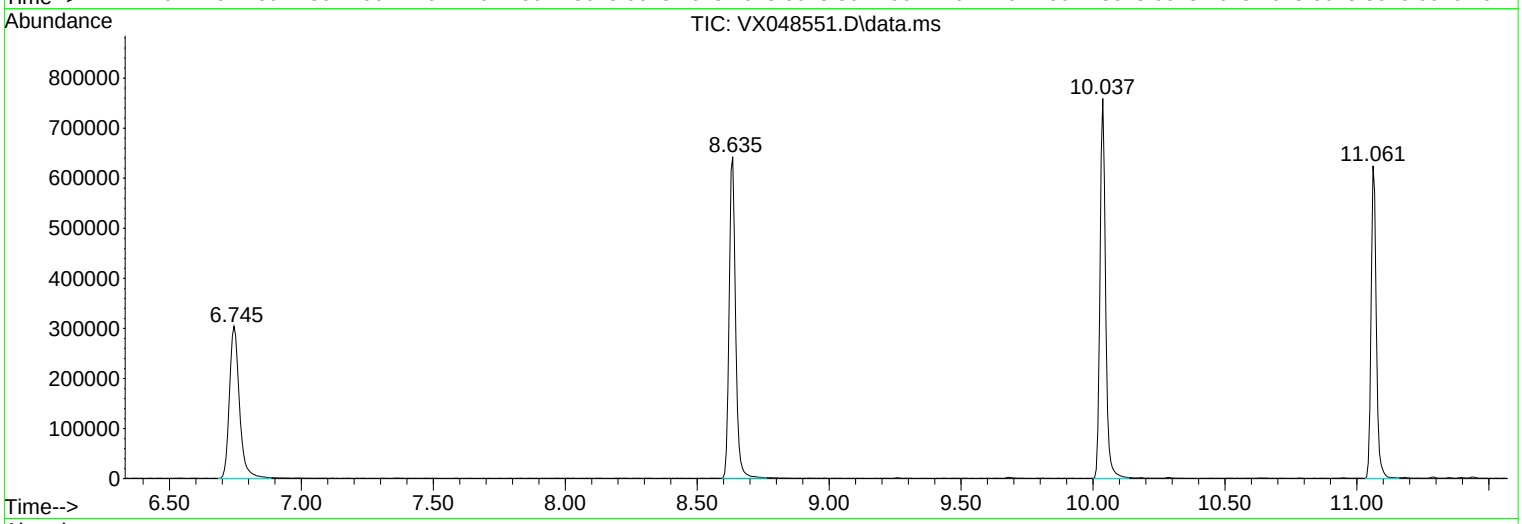
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

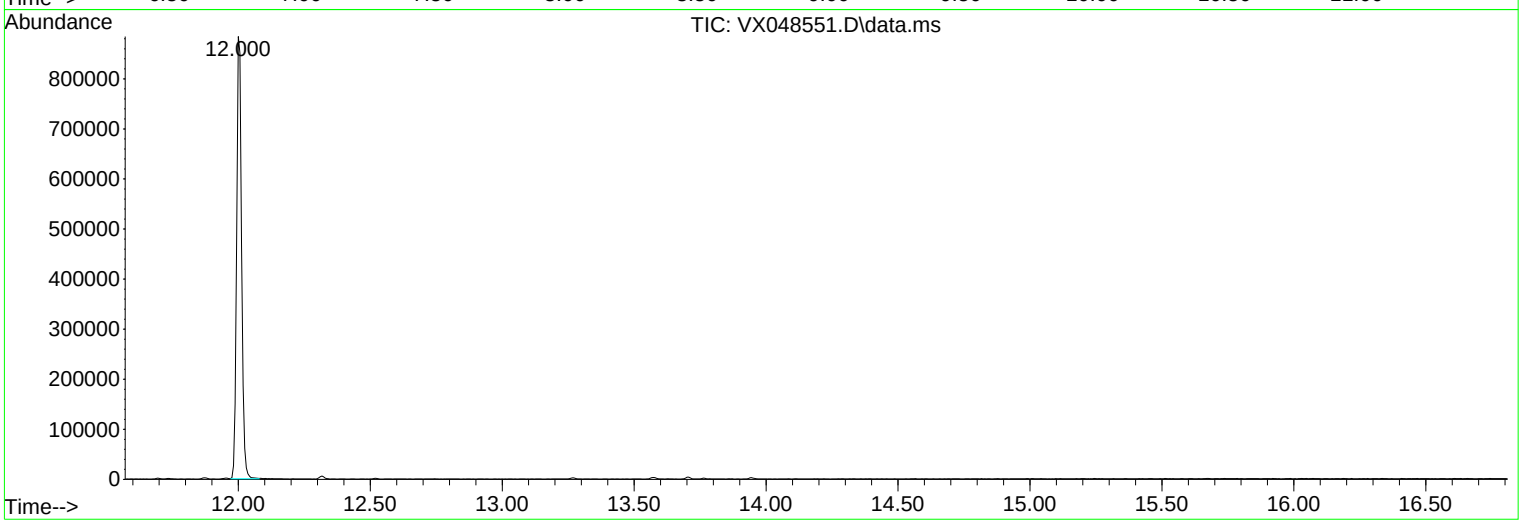
Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111125\
Data File : VX048551.D
Acq On : 11 Nov 2025 10:02
Operator : JC/MD
Sample : VX1111WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	140876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	243139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112923	57.526	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.060%			
35) Dibromofluoromethane	5.367	113	86210	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	8.634	98	301462	52.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.061	95	109737	51.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20465	17.928	ug/l	95
3) Chloromethane	1.300	50	28108	18.565	ug/l	98
4) Vinyl Chloride	1.380	62	33281	19.414	ug/l	100
5) Bromomethane	1.617	94	27830	25.710	ug/l	93
6) Chloroethane	1.697	64	24708	22.009	ug/l	98
7) Trichlorofluoromethane	1.898	101	58692	21.642	ug/l	100
8) Diethyl Ether	2.136	74	24313	22.334	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	30974	19.728	ug/l	97
10) Methyl Iodide	2.453	142	48983	21.081	ug/l	98
11) Tert butyl alcohol	2.940	59	37344	100.397	ug/l	98
12) 1,1-Dichloroethene	2.325	96	32639	19.903	ug/l	98
13) Acrolein	2.233	56	5691	105.745	ug/l	94
14) Allyl chloride	2.666	41	59200	19.389	ug/l	92
15) Acrylonitrile	3.056	53	109426	100.774	ug/l	98
16) Acetone	2.373	43	108636	116.915	ug/l	95
17) Carbon Disulfide	2.520	76	81890	17.745	ug/l	99
18) Methyl Acetate	2.703	43	50530	19.788	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	119617	20.655	ug/l	98
20) Methylene Chloride	2.788	84	35802	18.741	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33527	19.289	ug/l	96
22) Diisopropyl ether	3.751	45	121948	20.800	ug/l	96
23) Vinyl Acetate	3.715	43	540649	105.290	ug/l	98
24) 1,1-Dichloroethane	3.611	63	63280	19.670	ug/l	98
25) 2-Butanone	4.538	43	149594	108.829	ug/l	96
26) 2,2-Dichloropropane	4.464	77	52756	19.236	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	40032	18.842	ug/l	94
28) Bromochloromethane	4.885	49	31225	19.758	ug/l	94
29) Tetrahydrofuran	4.989	42	100790	102.807	ug/l	98
30) Chloroform	5.080	83	67008	20.176	ug/l	99
31) Cyclohexane	5.458	56	49378	18.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56902	19.632	ug/l	97
36) 1,1-Dichloropropene	5.684	75	42403	17.208	ug/l	97
37) Ethyl Acetate	4.702	43	64757	18.669	ug/l	98
38) Carbon Tetrachloride	5.672	117	49963	17.812	ug/l	96
39) Methylcyclohexane	7.366	83	46942	16.966	ug/l	96
40) Benzene	6.025	78	136004	17.805	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.903	41	30559	20.033 ug/l	97
42) 1,2-Dichloroethane	6.074	62	54010	20.637 ug/l	98
43) Isopropyl Acetate	6.324	43	95792	19.646 ug/l	95
44) Trichloroethene	7.116	130	33906	18.571 ug/l	90
45) 1,2-Dichloropropane	7.415	63	35014	19.936 ug/l	98
46) Dibromomethane	7.568	93	26435	20.637 ug/l	95
47) Bromodichloromethane	7.805	83	53791	21.049 ug/l	100
48) Methyl methacrylate	7.677	41	45697	21.083 ug/l	91
49) 1,4-Dioxane	7.641	88	13171	398.794 ug/l #	95
51) 4-Methyl-2-Pentanone	8.555	43	317570	114.420 ug/l	95
52) Toluene	8.708	92	83086	20.661 ug/l	96
53) t-1,3-Dichloropropene	8.964	75	54951	20.869 ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	57267	21.003 ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	35527	22.112 ug/l	99
56) Ethyl methacrylate	9.098	69	57047	21.341 ug/l #	90
57) 1,3-Dichloropropane	9.293	76	59519	21.283 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	153306	106.674 ug/l	98
59) 2-Hexanone	9.415	43	236842	114.718 ug/l	94
60) Dibromochloromethane	9.506	129	42051	21.317 ug/l	97
61) 1,2-Dibromoethane	9.592	107	37617	21.616 ug/l	99
64) Tetrachloroethene	9.256	164	27696	17.352 ug/l	97
65) Chlorobenzene	10.061	112	94188	18.058 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33736	19.303 ug/l	100
67) Ethyl Benzene	10.177	91	157222	17.950 ug/l	100
68) m/p-Xylenes	10.287	106	122112	37.017 ug/l	96
69) o-Xylene	10.622	106	57684	17.873 ug/l	98
70) Styrene	10.640	104	100637	18.588 ug/l	98
71) Bromoform	10.780	173	29557	18.331 ug/l #	97
73) Isopropylbenzene	10.945	105	147698	18.057 ug/l	99
74) N-amyl acetate	10.829	43	79273	19.301 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	54036	18.733 ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49521m	18.241 ug/l	
77) Bromobenzene	11.183	156	37944	17.964 ug/l	94
78) n-propylbenzene	11.286	91	171824	17.865 ug/l	99
79) 2-Chlorotoluene	11.347	91	106362	18.301 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	120383	18.053 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	16605	17.495 ug/l #	87
82) 4-Chlorotoluene	11.439	91	123465	18.110 ug/l	97
83) tert-Butylbenzene	11.695	119	122800	17.805 ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	122630	18.227 ug/l	99
85) sec-Butylbenzene	11.872	105	148702	17.444 ug/l	100
86) p-Isopropyltoluene	11.994	119	126116	17.598 ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	71129	17.967 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	74145	18.133 ug/l	97
89) n-Butylbenzene	12.317	91	117045	17.410 ug/l	98
90) Hexachloroethane	12.518	117	24315	17.808 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	68691	18.075 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13477	20.104 ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	54218	21.469 ug/l	98
94) Hexachlorobutadiene	13.707	225	19374	18.352 ug/l	96
95) Naphthalene	13.755	128	173039	21.312 ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	41268	17.568 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

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

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

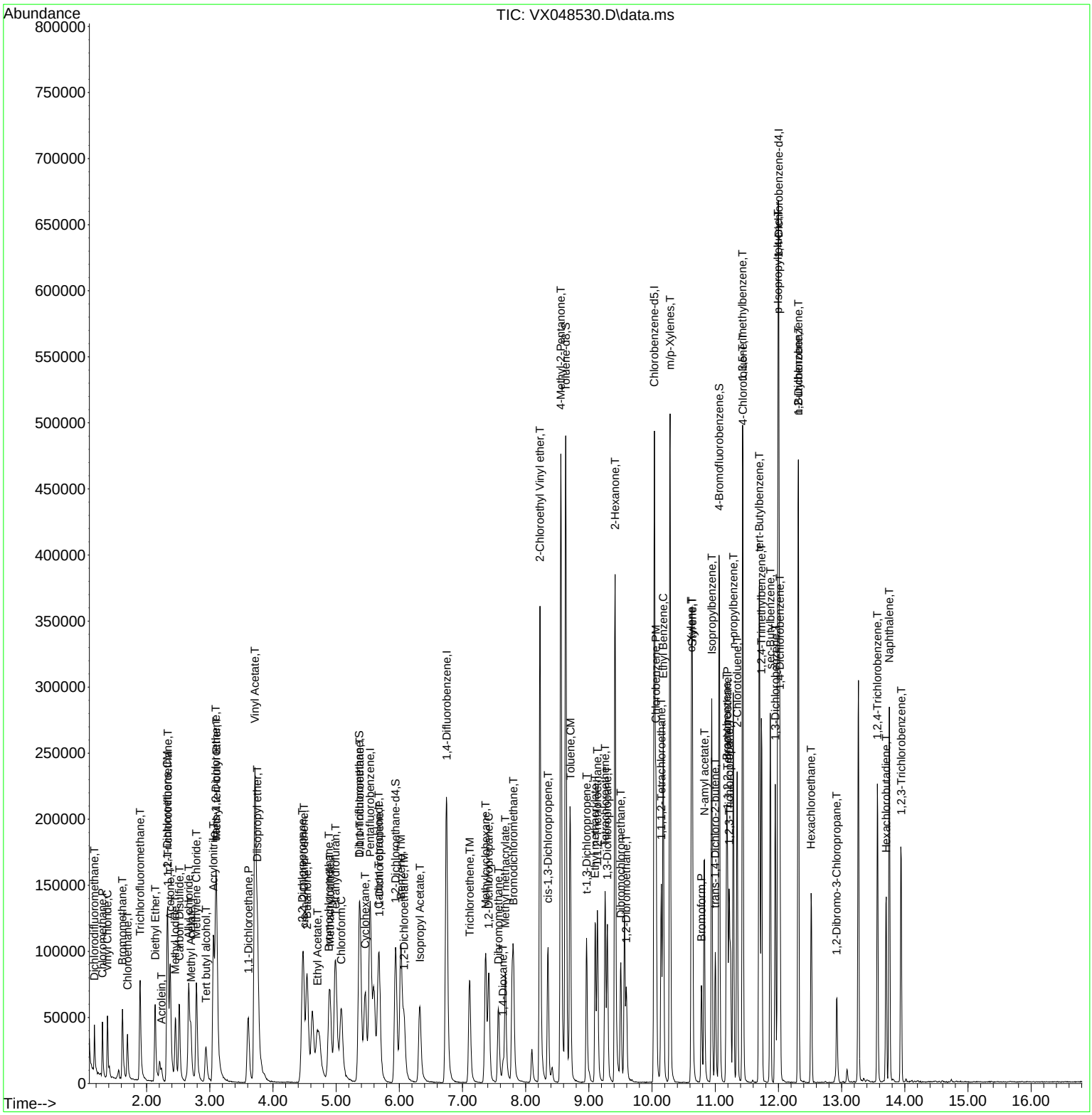
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	187478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	320628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	128083	49.030	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.060%			
35) Dibromofluoromethane	5.361	113	111758	46.053	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.100%			
50) Toluene-d8	8.628	98	389804	51.503	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.000%			
62) 4-Bromofluorobenzene	11.061	95	140209	49.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	31846	20.963	ug/l	99
3) Chloromethane	1.301	50	38239	18.978	ug/l	99
4) Vinyl Chloride	1.380	62	42798	18.760	ug/l	95
5) Bromomethane	1.618	94	30351	21.069	ug/l	95
6) Chloroethane	1.697	64	27306	18.277	ug/l	100
7) Trichlorofluoromethane	1.898	101	65097	18.037	ug/l	98
8) Diethyl Ether	2.130	74	26273	18.135	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	39260	18.790	ug/l	98
10) Methyl Iodide	2.453	142	55746	18.028	ug/l	100
11) Tert butyl alcohol	2.928	59	38259	77.289	ug/l	97
12) 1,1-Dichloroethene	2.325	96	39510	18.104	ug/l	97
13) Acrolein	2.233	56	11486	160.371	ug/l	93
14) Allyl chloride	2.660	41	71255	17.536	ug/l	100
15) Acrylonitrile	3.050	53	127715	88.381	ug/l	95
16) Acetone	2.367	43	112142	90.688	ug/l	99
17) Carbon Disulfide	2.514	76	107315	17.474	ug/l	99
18) Methyl Acetate	2.697	43	58958	17.349	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	140617	18.246	ug/l	99
20) Methylene Chloride	2.782	84	46771	18.397	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	42217	18.251	ug/l	96
22) Diisopropyl ether	3.739	45	144556	18.527	ug/l #	80
23) Vinyl Acetate	3.703	43	627851	91.878	ug/l	98
24) 1,1-Dichloroethane	3.599	63	79703	18.617	ug/l	99
25) 2-Butanone	4.532	43	163389	89.318	ug/l	98
26) 2,2-Dichloropropane	4.458	77	61557	16.866	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	49589	17.539	ug/l	99
28) Bromochloromethane	4.879	49	38962	18.525	ug/l	99
29) Tetrahydrofuran	4.977	42	108744	83.349	ug/l	99
30) Chloroform	5.068	83	78678	17.801	ug/l	97
31) Cyclohexane	5.452	56	61984	17.670	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	66591	17.264	ug/l	99
36) 1,1-Dichloropropene	5.672	75	51044	15.708	ug/l	98
37) Ethyl Acetate	4.684	43	76325	16.686	ug/l	98
38) Carbon Tetrachloride	5.659	117	57802	15.626	ug/l	99
39) Methylcyclohexane	7.360	83	63481	17.399	ug/l	97
40) Benzene	6.019	78	164576	16.339	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	31166	15.493	ug/l		95
42) 1,2-Dichloroethane	6.068	62	57528	16.669	ug/l		100
43) Isopropyl Acetate	6.312	43	102905	16.004	ug/l		99
44) Trichloroethene	7.104	130	41997	17.443	ug/l		96
45) 1,2-Dichloropropane	7.409	63	42295	18.262	ug/l		99
46) Dibromomethane	7.562	93	31667	18.747	ug/l		98
47) Bromodichloromethane	7.799	83	64325	19.088	ug/l		98
48) Methyl methacrylate	7.671	41	51632	18.064	ug/l		99
49) 1,4-Dioxane	7.635	88	13724	315.111	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.549	43	353588	96.608	ug/l		98
52) Toluene	8.696	92	104353	19.678	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	63977	18.424	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	69046	19.203	ug/l		100
55) 1,1,2-Trichloroethane	9.134	97	42591	20.102	ug/l		96
56) Ethyl methacrylate	9.098	69	67501	19.149	ug/l		100
57) 1,3-Dichloropropane	9.287	76	71504	19.389	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	172347	90.940	ug/l		98
59) 2-Hexanone	9.409	43	258071	94.790	ug/l		99
60) Dibromochloromethane	9.500	129	49678	19.097	ug/l		96
61) 1,2-Dibromoethane	9.592	107	45390	19.779	ug/l		100
64) Tetrachloroethene	9.256	164	33751	16.174	ug/l		99
65) Chlorobenzene	10.061	112	116810	17.130	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	41108	17.992	ug/l		99
67) Ethyl Benzene	10.177	91	191522	16.726	ug/l		99
68) m/p-Xylenes	10.281	106	150992	35.012	ug/l		98
69) o-Xylene	10.622	106	72301	17.135	ug/l		100
70) Styrene	10.634	104	124383	17.573	ug/l		99
71) Bromoform	10.781	173	35217	16.707	ug/l	#	97
73) Isopropylbenzene	10.945	105	184762	17.927	ug/l		98
74) N-amyl acetate	10.823	43	85415	16.506	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	64746	17.814	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	59866m	17.502	ug/l		
77) Bromobenzene	11.177	156	47542	17.864	ug/l		100
78) n-propylbenzene	11.287	91	214982	17.740	ug/l		100
79) 2-Chlorotoluene	11.341	91	129797	17.725	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	151486	18.030	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	19876	16.620	ug/l		95
82) 4-Chlorotoluene	11.433	91	150578	17.530	ug/l		98
83) tert-Butylbenzene	11.695	119	151250	17.405	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	150481	17.751	ug/l		98
85) sec-Butylbenzene	11.872	105	187607	17.468	ug/l		100
86) p-Isopropyltoluene	11.988	119	158968	17.605	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	88449	17.733	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	90728	17.610	ug/l		98
89) n-Butylbenzene	12.311	91	144896	17.106	ug/l		99
90) Hexachloroethane	12.518	117	29176	16.959	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	83852	17.512	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	14313	16.946	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	54049	16.987	ug/l		98
94) Hexachlorobutadiene	13.707	225	21638	16.268	ug/l		97
95) Naphthalene	13.756	128	174201	17.028	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	49589	16.755	ug/l		99

Sample Results: **VX048552.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

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

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

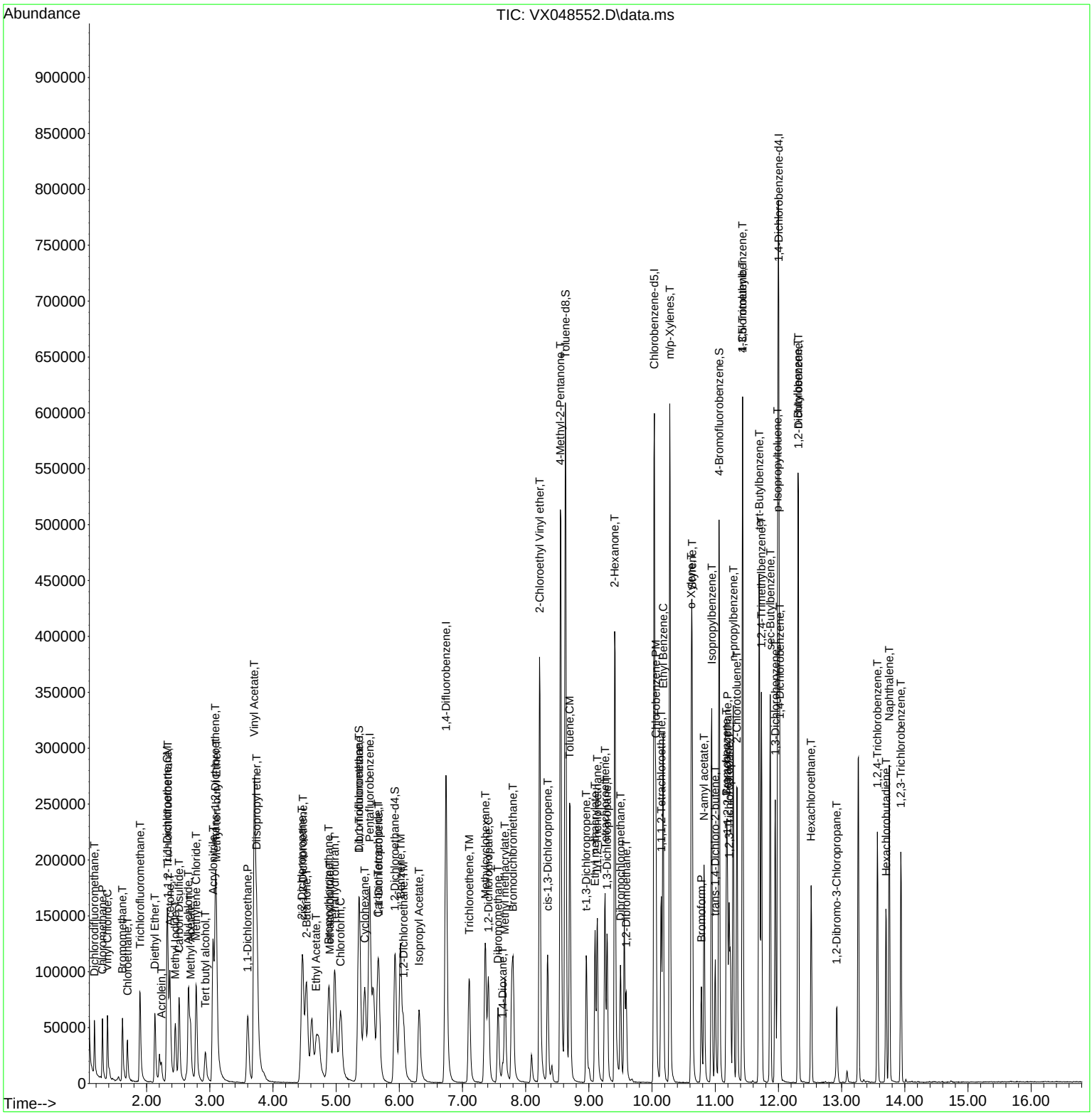
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048552.D
Acq On : 11 Nov 2025 10:35
Operator : JC/MD
Sample : VX1111WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 04:41:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1111WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	314084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	131022	50.353	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.700%			
35) Dibromofluoromethane	5.367	113	108083	45.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.940%			
50) Toluene-d8	8.628	98	370461	49.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.061	95	134981	48.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	21270	14.057	ug/l	99
3) Chloromethane	1.301	50	31642	15.766	ug/l	100
4) Vinyl Chloride	1.380	62	38176	16.800	ug/l	99
5) Bromomethane	1.618	94	30808	21.471	ug/l	95
6) Chloroethane	1.697	64	27211	18.285	ug/l	100
7) Trichlorofluoromethane	1.892	101	63335	17.618	ug/l	98
8) Diethyl Ether	2.130	74	26370	18.274	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	38071	18.293	ug/l	100
10) Methyl Iodide	2.453	142	60312	19.582	ug/l	100
11) Tert butyl alcohol	2.934	59	47232	95.794	ug/l	97
12) 1,1-Dichloroethene	2.325	96	39354	18.103	ug/l	90
13) Acrolein	2.233	56	6222	87.217	ug/l	98
14) Allyl chloride	2.666	41	71244	17.603	ug/l	98
15) Acrylonitrile	3.050	53	136142	94.585	ug/l	98
16) Acetone	2.367	43	112083	90.999	ug/l	98
17) Carbon Disulfide	2.514	76	105680	17.276	ug/l	99
18) Methyl Acetate	2.697	43	61904	18.288	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	145402	18.941	ug/l	97
20) Methylene Chloride	2.788	84	46553	18.384	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	40819	17.717	ug/l	95
22) Diisopropyl ether	3.745	45	147454	18.973	ug/l	94
23) Vinyl Acetate	3.709	43	631468	92.773	ug/l	98
24) 1,1-Dichloroethane	3.599	63	78660	18.446	ug/l	100
25) 2-Butanone	4.532	43	178755	98.105	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60785	16.720	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	51067	18.133	ug/l	100
28) Bromochloromethane	4.873	49	35994	17.182	ug/l	97
29) Tetrahydrofuran	4.983	42	121604	93.574	ug/l	98
30) Chloroform	5.074	83	80488	18.283	ug/l	99
31) Cyclohexane	5.458	56	64314	18.407	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	68308	17.779	ug/l	100
36) 1,1-Dichloropropene	5.678	75	52158	16.386	ug/l	98
37) Ethyl Acetate	4.690	43	79538	17.751	ug/l	98
38) Carbon Tetrachloride	5.659	117	61169	16.881	ug/l	100
39) Methylcyclohexane	7.367	83	63750	17.836	ug/l	96
40) Benzene	6.019	78	172089	17.441	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	37669	19.116	ug/l		95
42) 1,2-Dichloroethane	6.062	62	61312	18.136	ug/l		99
43) Isopropyl Acetate	6.318	43	114026	18.104	ug/l		99
44) Trichloroethene	7.104	130	43662	18.513	ug/l		95
45) 1,2-Dichloropropane	7.409	63	43274	19.074	ug/l		98
46) Dibromomethane	7.562	93	33518	20.256	ug/l		96
47) Bromodichloromethane	7.805	83	65250	19.766	ug/l		99
48) Methyl methacrylate	7.671	41	54587	19.496	ug/l		98
49) 1,4-Dioxane	7.641	88	17256	404.463	ug/l	#	96
51) 4-Methyl-2-Pentanone	8.555	43	376752	105.082	ug/l		97
52) Toluene	8.702	92	106489	20.499	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	64740	19.033	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	70428	19.996	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	43645	21.029	ug/l		96
56) Ethyl methacrylate	9.098	69	72320	20.943	ug/l		99
57) 1,3-Dichloropropane	9.293	76	74383	20.590	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	189469	102.057	ug/l		99
59) 2-Hexanone	9.415	43	277906	104.203	ug/l		100
60) Dibromochloromethane	9.506	129	50954	19.995	ug/l		98
61) 1,2-Dibromoethane	9.592	107	46976	20.897	ug/l		99
64) Tetrachloroethene	9.256	164	36443	18.398	ug/l		98
65) Chlorobenzene	10.061	112	119032	18.389	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	42224	19.468	ug/l		97
67) Ethyl Benzene	10.177	91	198257	18.239	ug/l		99
68) m/p-Xylenes	10.287	106	155476	37.978	ug/l		98
69) o-Xylene	10.622	106	74716	18.654	ug/l		98
70) Styrene	10.640	104	128142	19.072	ug/l		98
71) Bromoform	10.781	173	36575	18.278	ug/l	#	98
73) Isopropylbenzene	10.945	105	190283	18.736	ug/l		100
74) N-amyl acetate	10.823	43	93058	18.248	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	65696	18.343	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	61374m	18.207	ug/l		
77) Bromobenzene	11.177	156	48495	18.492	ug/l		99
78) n-propylbenzene	11.287	91	215215	18.022	ug/l		98
79) 2-Chlorotoluene	11.347	91	132256	18.328	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	151610	18.312	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	20599	17.479	ug/l		95
82) 4-Chlorotoluene	11.433	91	153524	18.137	ug/l		98
83) tert-Butylbenzene	11.695	119	157954	18.445	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	155016	18.556	ug/l		100
85) sec-Butylbenzene	11.872	105	192833	18.219	ug/l		100
86) p-Isopropyltoluene	11.988	119	163688	18.396	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	88632	18.032	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	90720	17.869	ug/l		99
89) n-Butylbenzene	12.317	91	148103	17.742	ug/l		100
90) Hexachloroethane	12.518	117	29792	17.573	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	85315	18.081	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15665	18.821	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	55768	17.786	ug/l		99
94) Hexachlorobutadiene	13.707	225	23639	18.035	ug/l		97
95) Naphthalene	13.756	128	193138	19.158	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	55097	18.891	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

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

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

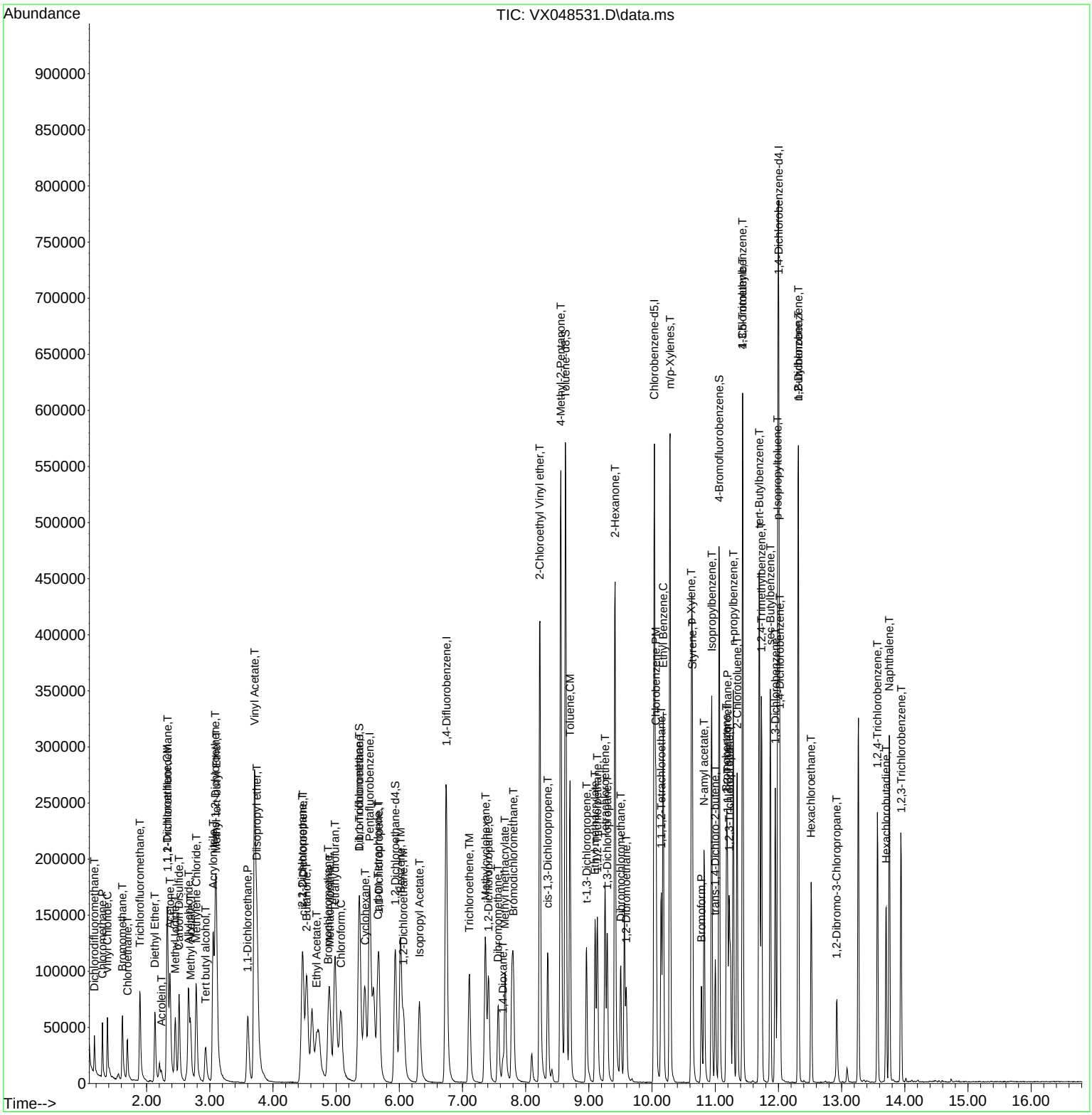
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



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Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048516.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	1,4-Dichlorobenzene	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	Acrolein	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	Bromomethane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC150	VX048521.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:44 AM	sam	11/10/2025 10:11:39 AM	Peak Integrated by Software
VSTDICCC050	VX048524.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:53 AM	sam	11/10/2025 10:12:22 AM	Peak Integrated by Software
VSTDICV050	VX048525.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:58 AM	sam	11/10/2025 10:11:48 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

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

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Manual Integration Report

Sequence:	VX111025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048527.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:07 AM	sam	11/11/2025 12:33:50 PM	Peak Integrated by Software
VX1110WBS01	VX048530.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:11 AM	sam	11/11/2025 12:33:56 PM	Peak Integrated by Software
VX1110WBSD01	VX048531.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:16 AM	sam	11/11/2025 12:34:02 PM	Peak Integrated by Software
VSTDCCC050	VX048547.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:20 AM	sam	11/11/2025 12:34:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX111125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048549.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:08 AM	MMDadoda	11/12/2025 11:42:51 AM	Peak Integrated by Software
VX1111WBS01	VX048552.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:13 AM	MMDadoda	11/12/2025 11:42:56 AM	Peak Integrated by Software
VSTDCCC050	VX048561.D	1,2,3-Trichloropropane	JOHN	11/12/2025 8:04:29 AM	MMDadoda	11/12/2025 11:43:06 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM		
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM		
SubDirectory	VX110725	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048515.D	07 Nov 2025 13:06	JC/MD	Ok
2	VSTDICC001	VX048516.D	07 Nov 2025 13:35	JC/MD	Ok,M
3	VSTDICC005	VX048517.D	07 Nov 2025 13:56	JC/MD	Ok,M
4	VSTDICC020	VX048518.D	07 Nov 2025 14:16	JC/MD	Ok,M
5	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	JC/MD	Not Ok
6	VSTDICC100	VX048520.D	07 Nov 2025 14:58	JC/MD	Ok,M
7	VSTDICC150	VX048521.D	07 Nov 2025 15:18	JC/MD	Ok,M
8	VIBLK	VX048522.D	07 Nov 2025 15:39	JC/MD	Ok
9	VSTDICC005	VX048523.D	07 Nov 2025 16:08	JC/MD	Not Ok
10	VSTDICCC050	VX048524.D	07 Nov 2025 16:29	JC/MD	Ok,M
11	VSTDICV050	VX048525.D	07 Nov 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048526.D	10 Nov 2025 08:34	JC/MD	Ok
2	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	JC/MD	Ok,M
3	VX1110WBL01	VX048528.D	10 Nov 2025 10:04	JC/MD	Ok
4	VX1110MBL01	VX048529.D	10 Nov 2025 11:28	JC/MD	Ok
5	VX1110WBS01	VX048530.D	10 Nov 2025 11:49	JC/MD	Ok,M
6	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16	JC/MD	Ok,M
7	Q3573-01	VX048532.D	10 Nov 2025 12:37	JC/MD	Ok
8	Q3573-02	VX048533.D	10 Nov 2025 12:58	JC/MD	Ok
9	Q3573-03	VX048534.D	10 Nov 2025 13:19	JC/MD	Ok
10	Q3573-04	VX048535.D	10 Nov 2025 13:43	JC/MD	Ok
11	Q3569-03	VX048536.D	10 Nov 2025 14:04	JC/MD	Ok
12	Q3584-04	VX048537.D	10 Nov 2025 14:25	JC/MD	ReRun
13	Q3584-05	VX048538.D	10 Nov 2025 14:45	JC/MD	Ok
14	Q3584-06	VX048539.D	10 Nov 2025 15:06	JC/MD	Ok
15	Q3584-01	VX048540.D	10 Nov 2025 15:27	JC/MD	Ok
16	Q3584-02	VX048541.D	10 Nov 2025 15:48	JC/MD	Ok
17	Q3584-03	VX048542.D	10 Nov 2025 16:08	JC/MD	Ok
18	Q3569-01	VX048543.D	10 Nov 2025 16:29	JC/MD	Ok
19	Q3569-02	VX048544.D	10 Nov 2025 16:49	JC/MD	Dilution
20	Q3584-07	VX048545.D	10 Nov 2025 17:10	JC/MD	Not Ok
21	IBLK	VX048546.D	10 Nov 2025 17:30	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX048547.D	10 Nov 2025 17:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111125

Review By	John Carlone	Review On	11/12/2025 8:11:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/12/2025 11:43:18 AM		
SubDirectory	VX111125	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136142
Initial Calibration Stds	
CCC	VP136143,VP136144
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048548.D	11 Nov 2025 08:09	JC/MD	Ok
2	VSTDCCC050	VX048549.D	11 Nov 2025 09:11	JC/MD	Ok,M
3	VX1111MBL01	VX048550.D	11 Nov 2025 09:41	JC/MD	Ok
4	VX1111WBL01	VX048551.D	11 Nov 2025 10:02	JC/MD	Ok
5	VX1111WBS01	VX048552.D	11 Nov 2025 10:35	JC/MD	Ok,M
6	VX1111WBSD01	VX048553.D	11 Nov 2025 11:03	JC/MD	Ok,M
7	IBLK	VX048554.D	11 Nov 2025 11:23	JC/MD	Ok
8	Q3584-04	VX048555.D	11 Nov 2025 11:43	JC/MD	Ok
9	Q3584-07	VX048556.D	11 Nov 2025 12:04	JC/MD	Ok
10	Q3569-02DL	VX048557.D	11 Nov 2025 12:24	JC/MD	Ok
11	Q3574-01	VX048558.D	11 Nov 2025 12:45	JC/MD	Not Ok
12	Q3574-01	VX048559.D	11 Nov 2025 13:25	JC/MD	Not Ok
13	IBLK	VX048560.D	11 Nov 2025 13:45	JC/MD	Ok
14	VSTDCCC050	VX048561.D	11 Nov 2025 15:06	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM		
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM		
SubDirectory	VX110725	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048515.D	07 Nov 2025 13:06		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048516.D	07 Nov 2025 13:35		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048517.D	07 Nov 2025 13:56		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048518.D	07 Nov 2025 14:16		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	spiked low	JC/MD	Not Ok
6	VSTDICC100	VSTDICC100	VX048520.D	07 Nov 2025 14:58		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048521.D	07 Nov 2025 15:18		JC/MD	Ok,M
8	VIBLK	VIBLK	VX048522.D	07 Nov 2025 15:39		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX048523.D	07 Nov 2025 16:08	spike error	JC/MD	Not Ok
10	VSTDICCC050	VSTDICCC050	VX048524.D	07 Nov 2025 16:29		JC/MD	Ok,M
11	VSTDICV050	ICVVX110725	VX048525.D	07 Nov 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
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	VX048526.D	10 Nov 2025 08:34		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	pH#Lot#V12668	JC/MD	Ok,M
3	VX1110WBL01	VX1110WBL01	VX048528.D	10 Nov 2025 10:04		JC/MD	Ok
4	VX1110MBL01	VX1110MBL01	VX048529.D	10 Nov 2025 11:28		JC/MD	Ok
5	VX1110WBS01	VX1110WBS01	VX048530.D	10 Nov 2025 11:49		JC/MD	Ok,M
6	VX1110WBSD01	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16		JC/MD	Ok,M
7	Q3573-01	STORAGE-BLANK-SO	VX048532.D	10 Nov 2025 12:37	vial A pH<2	JC/MD	Ok
8	Q3573-02	STORAGE-BLANK-WA	VX048533.D	10 Nov 2025 12:58	vial A pH<2	JC/MD	Ok
9	Q3573-03	STORAGE-BLANK-WA	VX048534.D	10 Nov 2025 13:19	vial A pH<2	JC/MD	Ok
10	Q3573-04	STORAGE-BLANK-SA	VX048535.D	10 Nov 2025 13:43	vial A pH<2	JC/MD	Ok
11	Q3569-03	TB-2	VX048536.D	10 Nov 2025 14:04	vial A pH<2 TB	JC/MD	Ok
12	Q3584-04	EB-2	VX048537.D	10 Nov 2025 14:25	vial A pH<2 EB;Hit of Com.#16	JC/MD	ReRun
13	Q3584-05	FB-2	VX048538.D	10 Nov 2025 14:45	vial A pH<2 FB	JC/MD	Ok
14	Q3584-06	TB-3	VX048539.D	10 Nov 2025 15:06	vial A pH<2 TB	JC/MD	Ok
15	Q3584-01	SW-1	VX048540.D	10 Nov 2025 15:27	vial A pH<2	JC/MD	Ok
16	Q3584-02	SW-2	VX048541.D	10 Nov 2025 15:48	vial A pH<2	JC/MD	Ok
17	Q3584-03	SW-3	VX048542.D	10 Nov 2025 16:08	vial A pH<2	JC/MD	Ok
18	Q3569-01	MW-2	VX048543.D	10 Nov 2025 16:29	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3569-02	MW-12	VX048544.D	10 Nov 2025 16:49	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q3584-07	SEEP-1	VX048545.D	10 Nov 2025 17:10	Need Straight Run	JC/MD	Not Ok
21	IBLK	IBLK	VX048546.D	10 Nov 2025 17:30		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX048547.D	10 Nov 2025 17:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111125

Review By	John Carlone	Review On	11/12/2025 8:11:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/12/2025 11:43:18 AM		
SubDirectory	VX111125	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136142
Initial Calibration Stds	
CCC	VP136143,VP136144
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	VX048548.D	11 Nov 2025 08:09		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048549.D	11 Nov 2025 09:11	pH#Lot#V12668	JC/MD	Ok,M
3	VX1111MBL01	VX1111MBL01	VX048550.D	11 Nov 2025 09:41		JC/MD	Ok
4	VX1111WBL01	VX1111WBL01	VX048551.D	11 Nov 2025 10:02		JC/MD	Ok
5	VX1111WBS01	VX1111WBS01	VX048552.D	11 Nov 2025 10:35	BS failed low for com.#40	JC/MD	Ok,M
6	VX1111WBSD01	VX1111WBSD01	VX048553.D	11 Nov 2025 11:03		JC/MD	Ok,M
7	IBLK	IBLK	VX048554.D	11 Nov 2025 11:23		JC/MD	Ok
8	Q3584-04	EB-2	VX048555.D	11 Nov 2025 11:43	vial B pH<2	JC/MD	Ok
9	Q3584-07	SEEP-1	VX048556.D	11 Nov 2025 12:04	vial A pH<2	JC/MD	Ok
10	Q3569-02DL	MW-12DL	VX048557.D	11 Nov 2025 12:24	vial B pH<2	JC/MD	Ok
11	Q3574-01	304641-01 Liquid	VX048558.D	11 Nov 2025 12:45	Surrogate fail;Run @ Lower Dilution	JC/MD	Not Ok
12	Q3574-01	304641-01 Liquid	VX048559.D	11 Nov 2025 13:25	Surrogate fail;Need straight run	JC/MD	Not Ok
13	IBLK	IBLK	VX048560.D	11 Nov 2025 13:45		JC/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VX048561.D	11 Nov 2025 15:06		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/11/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-06	**TB-3**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/10/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			VOC-TCLVOA-10	8260-Low			11/11/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : SW-1									
Q3584-01	SW-1	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
			Total Svoc :		**2.80**				
Q3584-01	SW-1	WATER	n-Hexadecanoic acid	*	3.800	J	0	0	ug/L
Q3584-01	SW-1	WATER	Benzophenone	*	4.100	J	0	0	ug/L
			Total Tics :		**7.90**				
			Total Concentration:		**10.70**				
Client ID : SW-2									
Q3584-02	SW-2	WATER	Benzophenone	*	5.900	J	0	0	ug/L
Q3584-02	SW-2	WATER	n-Hexadecanoic acid	*	2.200	J	0	0	ug/L
			Total Tics :		**8.10**				
			Total Concentration:		**8.10**				
Client ID : SEEP-1									
Q3584-07	SEEP-1	WATER	Phenol		5.200		0.92	5.1	ug/L
Q3584-07	SEEP-1	WATER	3+4-Methylphenols		23.400		1.1	10.1	ug/L
Q3584-07	SEEP-1	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.6	5.1	ug/L
Q3584-07	SEEP-1	WATER	1,4-Dioxane		12.200		1	5.1	ug/L
			Total Svoc :		**43.80**				
Q3584-07	SEEP-1	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	14.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Diethyltoluamide	*	15.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Heptanoic acid	*	15.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Hydrocinnamic acid	*	17.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Ibuprofen	*	33.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Myristyl myristate	*	29.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	n-Hexadecanoic acid	*	13.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Pentadecafluorooctanoic acid, oct	*	23.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzeneacetic acid	*	9.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzenesulfonamide, N-butyl-	*	8.700	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid, 3,5-bis(1,1-dimethy	*	14.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzophenone	*	9.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Phenol, 3-ethyl-	*	10.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Tetradecanoic acid, hexadecyl este	*	48.400	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Aniline	*	4.200	J	1.5	5.1	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid	*	13.800	J	4.2	10.1	ug/L
			Total Tics :		**281.20**				
			Total Concentration:		**325.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units

SAMPLE DATA

Raw Data: **BP026097.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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: 11/10/25		

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	11/11/25 19:36	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 19:36	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 19:36	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 19:36	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 19:36	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 19:36	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 19:36	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 19:36	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 19:36	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 19:36	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 19:36	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 19:36	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 19:36	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 19:36	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 19:36	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 19:36	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 19:36	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 19:36	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 19:36	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 19:36	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 19:36	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 19:36	PB170473

Raw Data: **BP026097.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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: 11/10/25		

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	11/11/25 19:36	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 19:36	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 19:36	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 19:36	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 19:36	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 19:36	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 19:36	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/11/25 19:36	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 19:36	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 19:36	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 19:36	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 19:36	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	58.9			15 (10) - 110 (134)	39%	SPK: 150		
13127-88-3	Phenol-d6	36.5			15 (10) - 110 (135)	24%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.3			30 (39) - 130 (138)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.8			30 (52) - 130 (132)	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	148			15 (44) - 110 (137)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	81.0			30 (42) - 130 (152)	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1230000							
15067-26-2	Acenaphthene-d10	745000							
1517-22-2	Phenanthrene-d10	1500000							
1719-03-5	Chrysene-d12	1660000							
1520-96-3	Perylene-d12	1970000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	4.10	J			15.7	ug/L		
000057-10-3	n-Hexadecanoic acid	3.80	J			18.1	ug/L		

Raw Data: **BP026097.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:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-01			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:	11/10/25		

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: **BF144203.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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: 11/10/25		

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	11/11/25 15:09	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 15:09	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 15:09	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 15:09	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 15:09	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:09	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 15:09	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 15:09	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 15:09	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 15:09	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 15:09	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 15:09	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 15:09	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 15:09	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 15:09	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 15:09	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 15:09	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 15:09	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 15:09	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 15:09	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 15:09	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 15:09	PB170473

Raw Data: **BF144203.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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: 11/10/25		

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	11/11/25 15:09	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 15:09	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 15:09	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 15:09	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 15:09	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 15:09	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 15:09	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/11/25 15:09	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 15:09	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 15:09	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 15:09	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 15:09	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	69.3			15 (10) - 110 (134)	46%	SPK: 150		
13127-88-3	Phenol-d6	55.0			15 (10) - 110 (135)	37%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.7			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.6			30 (52) - 130 (132)	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	120			15 (44) - 110 (137)	80%	SPK: 150		
1718-51-0	Terphenyl-d14	66.8			30 (42) - 130 (152)	67%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	59300							
1146-65-2	Naphthalene-d8	231000							
15067-26-2	Acenaphthene-d10	120000							
1517-22-2	Phenanthrene-d10	200000							
1719-03-5	Chrysene-d12	163000							
1520-96-3	Perylene-d12	207000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	5.90	J			10.6	ug/L		
000057-10-3	n-Hexadecanoic acid	2.20	J			11.9	ug/L		

Raw Data: **BF144203.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			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:	11/10/25		

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: **BF144204.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

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	10.1	ug/L	11/11/25 15:38	PB170473
108-95-2	Phenol	0.92	U	1	0.92	5.10	ug/L	11/11/25 15:38	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 15:38	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 15:38	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:38	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 15:38	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 15:38	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 15:38	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 15:38	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 15:38	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 15:38	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 15:38	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 15:38	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 15:38	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 15:38	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 15:38	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 15:38	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 15:38	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 15:38	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 15:38	PB170473

Raw Data: **BF144204.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 15:38	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 15:38	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 15:38	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 15:38	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 15:38	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 15:38	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/11/25 15:38	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 15:38	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 15:38	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 15:38	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	69.2			15 (10) - 110 (134)	46%	SPK: 150		
13127-88-3	Phenol-d6	53.8			15 (10) - 110 (135)	36%	SPK: 150		
4165-60-0	Nitrobenzene-d5	87.3			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.1			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			15 (44) - 110 (137)	79%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			30 (42) - 130 (152)	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	54300							
1146-65-2	Naphthalene-d8	195000							
15067-26-2	Acenaphthene-d10	103000							
1517-22-2	Phenanthrene-d10	166000							
1719-03-5	Chrysene-d12	186000							
1520-96-3	Perylene-d12	228000							

Raw Data: **BF144204.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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: **BF144205.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.3	ug/L	11/11/25 16:07	PB170473
108-95-2	Phenol	0.94	U	1	0.94	5.20	ug/L	11/11/25 16:07	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/11/25 16:07	PB170473
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/11/25 16:07	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/11/25 16:07	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.3	ug/L	11/11/25 16:07	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/11/25 16:07	PB170473
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/11/25 16:07	PB170473
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/11/25 16:07	PB170473
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/11/25 16:07	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/11/25 16:07	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/11/25 16:07	PB170473
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/11/25 16:07	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/11/25 16:07	PB170473
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/11/25 16:07	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/11/25 16:07	PB170473
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/11/25 16:07	PB170473
95-95-4	2,4,5-Trichlorophenol	0.64	U	1	0.64	5.20	ug/L	11/11/25 16:07	PB170473
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/11/25 16:07	PB170473
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/11/25 16:07	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.20	ug/L	11/11/25 16:07	PB170473
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.3	ug/L	11/11/25 16:07	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.3	ug/L	11/11/25 16:07	PB170473
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/11/25 16:07	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/11/25 16:07	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.3	ug/L	11/11/25 16:07	PB170473

Raw Data: **BF144205.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/11/25 16:07	PB170473
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.3	ug/L	11/11/25 16:07	PB170473
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/11/25 16:07	PB170473
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/11/25 16:07	PB170473
91-94-1	3,3-Dichlorobenzidine	0.96	UQ	1	0.96	10.3	ug/L	11/11/25 16:07	PB170473
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/11/25 16:07	PB170473
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/11/25 16:07	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.20	ug/L	11/11/25 16:07	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/11/25 16:07	PB170473
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/11/25 16:07	PB170473
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/11/25 16:07	PB170473
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/11/25 16:07	PB170473
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	61.6			15 (10) - 110 (134)	41%	SPK: 150		
13127-88-3	Phenol-d6	38.6			15 (10) - 110 (135)	26%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.8			30 (39) - 130 (138)	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.2			30 (52) - 130 (132)	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	118			15 (44) - 110 (137)	78%	SPK: 150		
1718-51-0	Terphenyl-d14	68.2			30 (42) - 130 (152)	68%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58300							
1146-65-2	Naphthalene-d8	217000							
15067-26-2	Acenaphthene-d10	115000							
1517-22-2	Phenanthrene-d10	187000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	209000							

Raw Data: **BF144205.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:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	EB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-04			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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: **BF144202.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	700 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	5.60	U	1	5.60	14.3	ug/L	11/11/25 14:39	PB170473
108-95-2	Phenol	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
95-57-8	2-Chlorophenol	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
95-48-7	2-Methylphenol	1.60	U	1	1.60	7.10	ug/L	11/11/25 14:39	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
98-86-2	Acetophenone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
65794-96-9	3+4-Methylphenols	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
621-64-7	n-Nitroso-di-n-propylamine	2.00	U	1	2.00	3.60	ug/L	11/11/25 14:39	PB170473
67-72-1	Hexachloroethane	0.93	U	1	0.93	7.10	ug/L	11/11/25 14:39	PB170473
98-95-3	Nitrobenzene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
78-59-1	Isophorone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
88-75-5	2-Nitrophenol	2.50	U	1	2.50	7.10	ug/L	11/11/25 14:39	PB170473
105-67-9	2,4-Dimethylphenol	2.60	U	1	2.60	7.10	ug/L	11/11/25 14:39	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
120-83-2	2,4-Dichlorophenol	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
91-20-3	Naphthalene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
106-47-8	4-Chloroaniline	1.20	UQ	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
87-68-3	Hexachlorobutadiene	0.77	U	1	0.77	7.10	ug/L	11/11/25 14:39	PB170473
105-60-2	Caprolactam	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
59-50-7	4-Chloro-3-methylphenol	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
91-57-6	2-Methylnaphthalene	0.80	U	1	0.80	7.10	ug/L	11/11/25 14:39	PB170473
77-47-4	Hexachlorocyclopentadiene	5.20	U	1	5.20	14.3	ug/L	11/11/25 14:39	PB170473
88-06-2	2,4,6-Trichlorophenol	0.73	U	1	0.73	7.10	ug/L	11/11/25 14:39	PB170473
95-95-4	2,4,5-Trichlorophenol	0.89	U	1	0.89	7.10	ug/L	11/11/25 14:39	PB170473
92-52-4	1,1-Biphenyl	0.76	U	1	0.76	7.10	ug/L	11/11/25 14:39	PB170473
91-58-7	2-Chloronaphthalene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
88-74-4	2-Nitroaniline	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
131-11-3	Dimethylphthalate	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
208-96-8	Acenaphthylene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
606-20-2	2,6-Dinitrotoluene	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
99-09-2	3-Nitroaniline	1.50	UQ	1	1.50	7.10	ug/L	11/11/25 14:39	PB170473
83-32-9	Acenaphthene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
51-28-5	2,4-Dinitrophenol	8.50	U	1	8.50	14.3	ug/L	11/11/25 14:39	PB170473
100-02-7	4-Nitrophenol	3.40	U	1	3.40	14.3	ug/L	11/11/25 14:39	PB170473
132-64-9	Dibenzofuran	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
121-14-2	2,4-Dinitrotoluene	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
84-66-2	Diethylphthalate	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
86-73-7	Fluorene	0.90	U	1	0.90	7.10	ug/L	11/11/25 14:39	PB170473
100-01-6	4-Nitroaniline	2.10	U	1	2.10	7.10	ug/L	11/11/25 14:39	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	4.10	U	1	4.10	14.3	ug/L	11/11/25 14:39	PB170473

Raw Data: **BF144202.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	FB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	700 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
101-55-3	4-Bromophenyl-phenylether	0.57	U	1	0.57	7.10	ug/L	11/11/25 14:39	PB170473
118-74-1	Hexachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
1912-24-9	Atrazine	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
87-86-5	Pentachlorophenol	2.30	U	1	2.30	14.3	ug/L	11/11/25 14:39	PB170473
85-01-8	Phenanthrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
120-12-7	Anthracene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
86-74-8	Carbazole	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473
84-74-2	Di-n-butylphthalate	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
206-44-0	Fluoranthene	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
129-00-0	Pyrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
85-68-7	Butylbenzylphthalate	2.80	U	1	2.80	7.10	ug/L	11/11/25 14:39	PB170473
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1	1.30	14.3	ug/L	11/11/25 14:39	PB170473
56-55-3	Benzo(a)anthracene	0.64	U	1	0.64	7.10	ug/L	11/11/25 14:39	PB170473
218-01-9	Chrysene	0.63	U	1	0.63	7.10	ug/L	11/11/25 14:39	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.30	U	1	2.30	7.10	ug/L	11/11/25 14:39	PB170473
117-84-0	Di-n-octyl phthalate	3.30	U	1	3.30	14.3	ug/L	11/11/25 14:39	PB170473
205-99-2	Benzo(b)fluoranthene	0.70	U	1	0.70	7.10	ug/L	11/11/25 14:39	PB170473
207-08-9	Benzo(k)fluoranthene	0.69	U	1	0.69	7.10	ug/L	11/11/25 14:39	PB170473
50-32-8	Benzo(a)pyrene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.96	U	1	0.96	7.10	ug/L	11/11/25 14:39	PB170473
191-24-2	Benzo(g,h,i)perylene	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
123-91-1	1,4-Dioxane	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	74.1			15 (10) - 110 (134)	49%	SPK: 150		
13127-88-3	Phenol-d6	50.5			15 (10) - 110 (135)	34%	SPK: 150		
4165-60-0	Nitrobenzene-d5	89.5			30 (39) - 130 (138)	89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.1			30 (52) - 130 (132)	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	73.2			30 (42) - 130 (152)	73%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61800							
1146-65-2	Naphthalene-d8	240000							
15067-26-2	Acenaphthene-d10	129000							
1517-22-2	Phenanthrene-d10	213000							
1719-03-5	Chrysene-d12	169000							
1520-96-3	Perylene-d12	215000							

Raw Data: **BF144202.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	FB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-05			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	700 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

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: **BP026099.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

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	10.1	ug/L	11/11/25 20:59	PB170473
108-95-2	Phenol	5.20		1	0.92	5.10	ug/L	11/11/25 20:59	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 20:59	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 20:59	PB170473
65794-96-9	3+4-Methylphenols	23.4		1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 20:59	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 20:59	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 20:59	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 20:59	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 20:59	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 20:59	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 20:59	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 20:59	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 20:59	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 20:59	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 20:59	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 20:59	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 20:59	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 20:59	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 20:59	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 20:59	PB170473

Raw Data: **BP026099.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 20:59	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 20:59	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 20:59	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 20:59	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 20:59	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 20:59	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.10	ug/L	11/11/25 20:59	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 20:59	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 20:59	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 20:59	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
123-91-1	1,4-Dioxane	12.2		1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	67.7			15 (10) - 110 (134)	45%	SPK: 150		
13127-88-3	Phenol-d6	47.4			15 (10) - 110 (135)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	77.8			30 (39) - 130 (138)	78%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.9			30 (52) - 130 (132)	65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	137			15 (44) - 110 (137)	91%	SPK: 150		
1718-51-0	Terphenyl-d14	63.9			30 (42) - 130 (152)	64%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	323000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	849000							
1517-22-2	Phenanthrene-d10	1770000							
1719-03-5	Chrysene-d12	1960000							
1520-96-3	Perylene-d12	2190000							
TENTATIVE IDENTIFIED COMPOUNDS									
62-53-3	Aniline	4.20	J			7.01	ug/L		
000111-14-8	Heptanoic acid	15.2	J			8.28	ug/L		

Raw Data: **BP026099.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SEEP-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-07			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
65-85-0	Benzoic acid	13.8	J			9.71	ug/L		
000620-17-7	Phenol, 3-ethyl-	10.9	J			9.89	ug/L		
000103-82-2	Benzeneacetic acid	9.00	J			11.0	ug/L		
000501-52-0	Hydrocinnamic acid	17.3	J			12.3	ug/L		
000134-62-3	Diethyltoluamide	15.9	J			15.1	ug/L		
015687-27-1	Ibuprofen	33.9	J			15.4	ug/L		
000119-61-9	Benzophenone	9.20	J			15.7	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	8.70	J			16.9	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	14.0	J			17.6	ug/L		
000057-10-3	n-Hexadecanoic acid	13.6	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	14.2	J			18.3	ug/L		
003234-85-3	Myristyl myristate	29.6	J			24.8	ug/L		
002599-01-1	Tetradecanoic acid, hexadecyl este	48.4	J			27.3	ug/L		
1000406-04-8	Pentadecafluorooctanoic acid, octa	23.3	J			29.0	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,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170473BL	PB170473BL	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	119	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	84.0	84		30 (39)	130 (138)
		2-Fluorobiphenyl	100	80.8	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (42)	130 (152)
PB170473BS	PB170473BS	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	120	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	83.2	83		30 (39)	130 (138)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	96		30 (42)	130 (152)
PB170473BSD	PB170473BSD	2-Fluorophenol	150	121	81		15 (10)	110 (134)
		Phenol-d6	150	122	81		15 (10)	110 (135)
		Nitrobenzene-d5	100	82.0	82		30 (39)	130 (138)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	94.1	94		30 (42)	130 (152)
Q3584-01	SW-1	2-Fluorophenol	150	58.9	39		15 (10)	110 (134)
		Phenol-d6	150	36.5	24		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.3	86		30 (39)	130 (138)
		2-Fluorobiphenyl	100	77.8	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	148	98		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)
Q3584-02	SW-2	2-Fluorophenol	150	69.3	46		15 (10)	110 (134)
		Phenol-d6	150	55.0	37		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.7	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.6	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	66.8	67		30 (42)	130 (152)
Q3584-03	SW-3	2-Fluorophenol	150	69.2	46		15 (10)	110 (134)
		Phenol-d6	150	53.8	36		15 (10)	110 (135)
		Nitrobenzene-d5	100	87.3	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.1	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	60.4	60		30 (42)	130 (152)
Q3584-04	EB-2	2-Fluorophenol	150	61.6	41		15 (10)	110 (134)
		Phenol-d6	150	38.6	26		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.8	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.2	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	118	78		15 (44)	110 (137)
		Terphenyl-d14	100	68.2	68		30 (42)	130 (152)
Q3584-05	FB-2	2-Fluorophenol	150	74.1	49		15 (10)	110 (134)
		Phenol-d6	150	50.5	34		15 (10)	110 (135)
		Nitrobenzene-d5	100	89.5	89		30 (39)	130 (138)
		2-Fluorobiphenyl	100	85.1	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	73.2	73		30 (42)	130 (152)
Q3584-07	SEEP-1	2-Fluorophenol	150	67.7	45		15 (10)	110 (134)
		Phenol-d6	150	47.4	32		15 (10)	110 (135)
		Nitrobenzene-d5	100	77.8	78		30 (39)	130 (138)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3584-07	SEEP-1	2-Fluorobiphenyl	100	64.9	65		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	137	91		15 (44)	110 (137)
		Terphenyl-d14	100	63.9	64		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Benzaldehyde	50	40.6	ug/L	81				20 (10)	160 (107)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				70 (47)	130 (118)	
	2-Chlorophenol	50	43.6	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.6	ug/L	87				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	44.9	ug/L	90				70 (65)	130 (100)	
	Acetophenone	50	42.9	ug/L	86				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.0	ug/L	86				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.1	ug/L	88				70 (57)	130 (107)	
	Hexachloroethane	50	43.6	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.7	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	44.4	ug/L	89				70 (61)	130 (102)	
	2-Nitrophenol	50	44.6	ug/L	89				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	48.4	ug/L	97				70 (67)	130 (123)	
	bis(2-Chloroethoxy)methane	50	43.1	ug/L	86				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	40.8	ug/L	82				70 (66)	130 (115)	
	Naphthalene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Chloroaniline	50	16.5	ug/L	33		*		70 (16)	130 (100)	
	Hexachlorobutadiene	50	40.2	ug/L	80				70 (69)	130 (101)	
	Caprolactam	50	45.9	ug/L	92				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	44.3	ug/L	89				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.1	ug/L	78				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	96.1	ug/L	96				20 (47)	160 (161)	
	2,4,6-Trichlorophenol	50	41.1	ug/L	82				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	40.7	ug/L	81				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.3	ug/L	85				70 (72)	130 (98)	
	2-Chloronaphthalene	50	40.5	ug/L	81				70 (59)	130 (106)	
	2-Nitroaniline	50	44.9	ug/L	90				70 (73)	130 (114)	
	Dimethylphthalate	50	43.7	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	46.9	ug/L	94				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.6	ug/L	93				70 (64)	130 (110)	
	3-Nitroaniline	50	26.0	ug/L	52		*		70 (44)	130 (100)	
	Acenaphthene	50	37.6	ug/L	75				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	93.1	ug/L	93				20 (49)	160 (139)	
	4-Nitrophenol	100	77.8	ug/L	78				20 (57)	160 (132)	
	Dibenzofuran	50	40.4	ug/L	81				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.2	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	43.7	ug/L	87				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	40.5	ug/L	81				70 (61)	130 (104)	
	Fluorene	50	42.8	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.6	ug/L	89				70 (67)	130 (118)	
	4,6-Dinitro-2-methylphenol	50	43.1	ug/L	86				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.4	ug/L	91				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BS	Hexachlorobenzene	50	43.5	ug/L	87				70 (73)	130 (106)	
	Atrazine	50	45.4	ug/L	91				70 (76)	130 (120)	
	Pentachlorophenol	100	83.7	ug/L	84				20 (59)	160 (131)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.3	ug/L	87				70 (65)	130 (110)	
	Carbazole	50	43.4	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	41.9	ug/L	84				70 (64)	130 (106)	
	Fluoranthene	50	41.3	ug/L	83				70 (64)	130 (110)	
	Pyrene	50	51.7	ug/L	103				70 (71)	130 (103)	
	Butylbenzylphthalate	50	44.7	ug/L	89				70 (64)	130 (131)	
	3,3-Dichlorobenzidine	50	22.7	ug/L	45		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	45.2	ug/L	90				70 (62)	130 (107)	
	Chrysene	50	46.5	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	39.5	ug/L	79				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	41.2	ug/L	82				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				70 (77)	130 (105)	
	Benzo(a)pyrene	50	46.7	ug/L	93				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	40.1	ug/L	80				70 (72)	130 (101)	
	1,4-Dioxane	50	38.6	ug/L	77				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Benzaldehyde	50	40.9	ug/L	82	1			20 (10)	160 (107)	20 (20)
	Phenol	50	43.1	ug/L	86	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90	3			70 (47)	130 (118)	20 (20)
	2-Chlorophenol	50	45.0	ug/L	90	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	45.6	ug/L	91	4			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	45.5	ug/L	91	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.1	ug/L	84	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	44.3	ug/L	89	3			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.7	ug/L	91	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.8	ug/L	88	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.3	ug/L	85	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.7	ug/L	87	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	44.0	ug/L	88	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	46.1	ug/L	92	5			70 (67)	130 (123)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.5	ug/L	85	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	41.3	ug/L	83	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.1	ug/L	82	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.7	ug/L	33	1	*		70 (16)	130 (100)	20 (20)
	Hexachlorobutadiene	50	40.4	ug/L	81	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	3			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.5	ug/L	87	2			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	38.8	ug/L	78	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	100	ug/L	100	4			20 (47)	160 (161)	20 (20)
	2,4,6-Trichlorophenol	50	41.0	ug/L	82	0			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	42.2	ug/L	84	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.0	ug/L	84	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	46.6	ug/L	93	4			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.6	ug/L	89	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	47.0	ug/L	94	0			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.4	ug/L	95	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	25.2	ug/L	50	3	*		70 (44)	130 (100)	20 (20)
	Acenaphthene	50	38.2	ug/L	76	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	88.7	ug/L	89	5			20 (49)	160 (139)	20 (20)
	4-Nitrophenol	100	80.9	ug/L	81	4			20 (57)	160 (132)	20 (20)
	Dibenzofuran	50	41.7	ug/L	83	3			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.7	ug/L	93	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	44.1	ug/L	88	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	41.6	ug/L	83	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	0			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	44.1	ug/L	88	1			70 (67)	130 (118)	20 (20)
	4,6-Dinitro-2-methylphenol	50	44.4	ug/L	89	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	44.2	ug/L	88	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	41.9	ug/L	84	2			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170473BSD	Hexachlorobenzene	50	44.2	ug/L	88	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	45.0	ug/L	90	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	81.1	ug/L	81	3			20 (59)	160 (131)	20 (20)
	Phenanthrene	50	43.1	ug/L	86	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.5	ug/L	87	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	43.0	ug/L	86	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	41.0	ug/L	82	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	40.8	ug/L	82	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	49.4	ug/L	99	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	43.9	ug/L	88	2			70 (64)	130 (131)	20 (20)
	3,3-Dichlorobenzidine	50	22.5	ug/L	45	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.5	ug/L	89	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.7	ug/L	91	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	38.5	ug/L	77	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	41.0	ug/L	82	0			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.5	ug/L	79	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.2	ug/L	92	2			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170473BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BF144244.D | Lab Sample ID: PB170473BL

Instrument ID: BNA_F | Date Extracted: 11/10/2025

Matrix: (soil/water) Water | Date Analyzed: 11/13/2025

Level: (low/med) LOW | Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
SW-1	Q3584-01	BP026097.D	11/11/2025
SEEP-1	Q3584-07	BP026099.D	11/11/2025
SW-2	Q3584-02	BF144203.D	11/11/2025
SW-3	Q3584-03	BF144204.D	11/11/2025
FB-2	Q3584-05	BF144202.D	11/11/2025
EB-2	Q3584-04	BF144205.D	11/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

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.: Q3584

Lab File ID: BF144197.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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
SSTDCCC040	SSTDCCC040	BF144198.D	11/11/2025	10:09
FB-2	Q3584-05	BF144202.D	11/11/2025	14:39
SW-2	Q3584-02	BF144203.D	11/11/2025	15:09
SW-3	Q3584-03	BF144204.D	11/11/2025	15:38
EB-2	Q3584-04	BF144205.D	11/11/2025	16:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BF144242.D | DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_F | DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 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	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

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.: Q3584

Lab File ID: BP026089.D | DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_P | DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (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
SSTDCCC040	SSTDCCC040	BP026090.D	11/11/2025	14:44
SW-1	Q3584-01	BP026097.D	11/11/2025	19:36
SEEP-1	Q3584-07	BP026099.D	11/11/2025	20:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	73404	6.875	271454	8.16	150816	9.92
	UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
	LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
	EPA SAMPLE NO.						
01	FB-2	61823	6.88	239622	8.16	129099	9.92
02	SW-2	59255	6.88	231451	8.16	119771	9.92
03	EB-2	58254	6.88	216777	8.16	114918	9.92
04	SW-3	54285	6.88	195487	8.16	102900	9.92

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.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	253608	11.41	166330	14.057	229506	15.545
	UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
	LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
	EPA SAMPLE NO.						
01	FB-2	212852	11.40	168567	14.06	214547	15.54
02	SW-2	200120	11.40	163164	14.06	207285	15.54
03	EB-2	186847	11.40	165680	14.06	209451	15.54
04	SW-3	165829	11.40	186431	14.06	227605	15.54

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	57801	6.869	225618	8.15	126474	9.90
	UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
	LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
	EPA SAMPLE NO.						
01	PB170473BL	58185	6.86	226377	8.15	128860	9.90
02	PB170473BS	61443	6.87	243453	8.15	140132	9.91
03	PB170473BSD	58832	6.86	241570	8.15	135120	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.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BF144243.D Time Analyzed: 14:56

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	214028	11.398	119800	14.045	154528	15.521
	UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
	LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
	EPA SAMPLE NO.						
01	PB170473BL	235212	11.39	125254	14.05	146599	15.52
02	PB170473BS	236951	11.40	118377	14.05	157737	15.53
03	PB170473BSD	232588	11.40	118249	14.05	155276	15.52

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.: Q3584

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	SEEP-1	322520	7.67	1316170	10.44	849238	14.31
02	SW-1	317671	7.68	1227250	10.44	744904	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	SEEP-1	1767570	17.13	1962760	21.58	2192890	24.91
02	SW-1	1502760	17.13	1662920	21.58	1971520	24.91

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: **BF144244.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:	PB170473BL	SDG No.:	Q3584
Lab Sample ID:	PB170473BL	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: 11/10/25		

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	11/13/25 15:25	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/13/25 15:25	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/13/25 15:25	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/13/25 15:25	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/13/25 15:25	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/13/25 15:25	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/13/25 15:25	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/13/25 15:25	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/13/25 15:25	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/13/25 15:25	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/13/25 15:25	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/13/25 15:25	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/13/25 15:25	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/13/25 15:25	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/13/25 15:25	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/13/25 15:25	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/13/25 15:25	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/13/25 15:25	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/13/25 15:25	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/13/25 15:25	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/13/25 15:25	PB170473

Raw Data: **BF144244.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170473BL			SDG No.:	Q3584
Lab Sample ID:	PB170473BL			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:	11/10/25		

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	11/13/25 15:25	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/13/25 15:25	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/13/25 15:25	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/13/25 15:25	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473

SURROGATES					
367-12-4	2-Fluorophenol	119	15 (10) - 110 (134)	79%	SPK: 150
13127-88-3	Phenol-d6	119	15 (10) - 110 (135)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0	30 (39) - 130 (138)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8	30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122	15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	95.0	30 (42) - 130 (152)	95%	SPK: 100

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	58200
1146-65-2	Naphthalene-d8	226000
15067-26-2	Acenaphthene-d10	129000
1517-22-2	Phenanthrene-d10	235000
1719-03-5	Chrysene-d12	125000
1520-96-3	Perylene-d12	147000

Raw Data: **BF144244.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:	PB170473BL			SDG No.:	Q3584
Lab Sample ID:	PB170473BL			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:	11/10/25		

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: **BF144245.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:	PB170473BS	SDG No.:	Q3584
Lab Sample ID:	PB170473BS	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: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.6		1	3.90	10.0	ug/L	11/13/25 15:55	PB170473
108-95-2	Phenol	42.2		1	0.91	5.00	ug/L	11/13/25 15:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	43.6		1	0.81	5.00	ug/L	11/13/25 15:55	PB170473
95-57-8	2-Chlorophenol	43.6		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
95-48-7	2-Methylphenol	43.6		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
98-86-2	Acetophenone	42.9		1	0.74	5.00	ug/L	11/13/25 15:55	PB170473
65794-96-9	3+4-Methylphenols	43.0		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	44.1		1	1.40	2.50	ug/L	11/13/25 15:55	PB170473
67-72-1	Hexachloroethane	43.6		1	0.65	5.00	ug/L	11/13/25 15:55	PB170473
98-95-3	Nitrobenzene	42.7		1	0.76	5.00	ug/L	11/13/25 15:55	PB170473
78-59-1	Isophorone	44.4		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
88-75-5	2-Nitrophenol	44.6		1	1.80	5.00	ug/L	11/13/25 15:55	PB170473
105-67-9	2,4-Dimethylphenol	48.4		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	43.1		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
120-83-2	2,4-Dichlorophenol	40.8		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
91-20-3	Naphthalene	41.6		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
106-47-8	4-Chloroaniline	16.5		1	0.84	5.00	ug/L	11/13/25 15:55	PB170473
87-68-3	Hexachlorobutadiene	40.2		1	0.54	5.00	ug/L	11/13/25 15:55	PB170473
105-60-2	Caprolactam	45.9		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
59-50-7	4-Chloro-3-methylphenol	44.3		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
91-57-6	2-Methylnaphthalene	39.1		1	0.56	5.00	ug/L	11/13/25 15:55	PB170473
77-47-4	Hexachlorocyclopentadiene	96.1	E	1	3.60	10.0	ug/L	11/13/25 15:55	PB170473
88-06-2	2,4,6-Trichlorophenol	41.1		1	0.51	5.00	ug/L	11/13/25 15:55	PB170473
95-95-4	2,4,5-Trichlorophenol	40.7		1	0.62	5.00	ug/L	11/13/25 15:55	PB170473
92-52-4	1,1-Biphenyl	42.3		1	0.53	5.00	ug/L	11/13/25 15:55	PB170473
91-58-7	2-Chloronaphthalene	40.5		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
88-74-4	2-Nitroaniline	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
131-11-3	Dimethylphthalate	43.7		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
606-20-2	2,6-Dinitrotoluene	46.6		1	0.92	5.00	ug/L	11/13/25 15:55	PB170473
99-09-2	3-Nitroaniline	26.0		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
51-28-5	2,4-Dinitrophenol	93.1	E	1	6.00	10.0	ug/L	11/13/25 15:55	PB170473
100-02-7	4-Nitrophenol	77.8		1	2.40	10.0	ug/L	11/13/25 15:55	PB170473
132-64-9	Dibenzofuran	40.4		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
84-66-2	Diethylphthalate	43.7		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	40.5		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	5.00	ug/L	11/13/25 15:55	PB170473
100-01-6	4-Nitroaniline	44.6		1	1.50	5.00	ug/L	11/13/25 15:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	43.1		1	2.90	10.0	ug/L	11/13/25 15:55	PB170473

Raw Data: **BF144245.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:	PB170473BS			SDG No.:	Q3584
Lab Sample ID:	PB170473BS			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:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.4		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
101-55-3	4-Bromophenyl-phenylether	42.7		1	0.40	5.00	ug/L	11/13/25 15:55	PB170473
118-74-1	Hexachlorobenzene	43.5		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
1912-24-9	Atrazine	45.4		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
87-86-5	Pentachlorophenol	83.7	E	1	1.60	10.0	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
86-74-8	Carbazole	43.4		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
85-68-7	Butylbenzylphthalate	44.7		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
91-94-1	3,3-Dichlorobenzidine	22.7		1	0.93	10.0	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	5.00	ug/L	11/13/25 15:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	39.5		1	1.60	5.00	ug/L	11/13/25 15:55	PB170473
117-84-0	Di-n-octyl phthalate	41.2		1	2.30	10.0	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.1		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
123-91-1	1,4-Dioxane	38.6		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	119			15 (10) - 110 (134)	79%	SPK: 150		
13127-88-3	Phenol-d6	120			15 (10) - 110 (135)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.2			30 (39) - 130 (138)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.8			30 (52) - 130 (132)	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			15 (44) - 110 (137)	82%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			30 (42) - 130 (152)	96%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	61400							
1146-65-2	Naphthalene-d8	243000							
15067-26-2	Acenaphthene-d10	140000							
1517-22-2	Phenanthrene-d10	237000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	158000							

Raw Data: **BF144245.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:	PB170473BS			SDG No.:	Q3584
Lab Sample ID:	PB170473BS			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:	11/10/25		

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: **BF144246.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:	PB170473BSD	SDG No.:	Q3584
Lab Sample ID:	PB170473BSD	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: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.9		1	3.90	10.0	ug/L	11/13/25 16:24	PB170473
108-95-2	Phenol	43.1		1	0.91	5.00	ug/L	11/13/25 16:24	PB170473
111-44-4	bis(2-Chloroethyl)ether	44.9		1	0.81	5.00	ug/L	11/13/25 16:24	PB170473
95-57-8	2-Chlorophenol	45.0		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
95-48-7	2-Methylphenol	45.6		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	45.5		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
98-86-2	Acetophenone	42.1		1	0.74	5.00	ug/L	11/13/25 16:24	PB170473
65794-96-9	3+4-Methylphenols	44.3		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
621-64-7	n-Nitroso-di-n-propylamine	45.7		1	1.40	2.50	ug/L	11/13/25 16:24	PB170473
67-72-1	Hexachloroethane	43.8		1	0.65	5.00	ug/L	11/13/25 16:24	PB170473
98-95-3	Nitrobenzene	42.3		1	0.76	5.00	ug/L	11/13/25 16:24	PB170473
78-59-1	Isophorone	43.7		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
88-75-5	2-Nitrophenol	44.0		1	1.80	5.00	ug/L	11/13/25 16:24	PB170473
105-67-9	2,4-Dimethylphenol	46.1		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
111-91-1	bis(2-Chloroethoxy)methane	42.5		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
120-83-2	2,4-Dichlorophenol	41.3		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
91-20-3	Naphthalene	41.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
106-47-8	4-Chloroaniline	16.7		1	0.84	5.00	ug/L	11/13/25 16:24	PB170473
87-68-3	Hexachlorobutadiene	40.4		1	0.54	5.00	ug/L	11/13/25 16:24	PB170473
105-60-2	Caprolactam	47.4		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
59-50-7	4-Chloro-3-methylphenol	43.5		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
91-57-6	2-Methylnaphthalene	38.8		1	0.56	5.00	ug/L	11/13/25 16:24	PB170473
77-47-4	Hexachlorocyclopentadiene	100	E	1	3.60	10.0	ug/L	11/13/25 16:24	PB170473
88-06-2	2,4,6-Trichlorophenol	41.0		1	0.51	5.00	ug/L	11/13/25 16:24	PB170473
95-95-4	2,4,5-Trichlorophenol	41.5		1	0.62	5.00	ug/L	11/13/25 16:24	PB170473
92-52-4	1,1-Biphenyl	42.2		1	0.53	5.00	ug/L	11/13/25 16:24	PB170473
91-58-7	2-Chloronaphthalene	42.0		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
88-74-4	2-Nitroaniline	46.6		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
131-11-3	Dimethylphthalate	44.6		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
606-20-2	2,6-Dinitrotoluene	47.4		1	0.92	5.00	ug/L	11/13/25 16:24	PB170473
99-09-2	3-Nitroaniline	25.2		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
51-28-5	2,4-Dinitrophenol	88.7	E	1	6.00	10.0	ug/L	11/13/25 16:24	PB170473
100-02-7	4-Nitrophenol	80.9	E	1	2.40	10.0	ug/L	11/13/25 16:24	PB170473
132-64-9	Dibenzofuran	41.7		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
121-14-2	2,4-Dinitrotoluene	46.7		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
84-66-2	Diethylphthalate	44.1		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
7005-72-3	4-Chlorophenyl-phenylether	41.6		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	5.00	ug/L	11/13/25 16:24	PB170473
100-01-6	4-Nitroaniline	44.1		1	1.50	5.00	ug/L	11/13/25 16:24	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	44.4		1	2.90	10.0	ug/L	11/13/25 16:24	PB170473

Raw Data: **BF144246.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:	PB170473BSD			SDG No.:	Q3584
Lab Sample ID:	PB170473BSD			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:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.2		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
101-55-3	4-Bromophenyl-phenylether	41.9		1	0.40	5.00	ug/L	11/13/25 16:24	PB170473
118-74-1	Hexachlorobenzene	44.2		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
1912-24-9	Atrazine	45.0		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
87-86-5	Pentachlorophenol	81.1	E	1	1.60	10.0	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
86-74-8	Carbazole	43.0		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
84-74-2	Di-n-butylphthalate	41.0		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
85-68-7	Butylbenzylphthalate	43.9		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
91-94-1	3,3-Dichlorobenzidine	22.5		1	0.93	10.0	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	5.00	ug/L	11/13/25 16:24	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	38.5		1	1.60	5.00	ug/L	11/13/25 16:24	PB170473
117-84-0	Di-n-octyl phthalate	41.0		1	2.30	10.0	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
123-91-1	1,4-Dioxane	39.5		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	121			15 (10) - 110 (134)	81%	SPK: 150		
13127-88-3	Phenol-d6	122			15 (10) - 110 (135)	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	82.0			30 (39) - 130 (138)	82%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.5			30 (52) - 130 (132)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			15 (44) - 110 (137)	83%	SPK: 150		
1718-51-0	Terphenyl-d14	94.1			30 (42) - 130 (152)	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	58800							
1146-65-2	Naphthalene-d8	242000							
15067-26-2	Acenaphthene-d10	135000							
1517-22-2	Phenanthrene-d10	233000							
1719-03-5	Chrysene-d12	118000							
1520-96-3	Perylene-d12	155000							

Raw Data: **BF144246.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:	PB170473BSD			SDG No.:	Q3584
Lab Sample ID:	PB170473BSD			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:	11/10/25		

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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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.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	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.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	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo(a)anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.090		2.4	
Benzo(a)pyrene	1.049	1.050		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.464		2.0	
Dibenzo(a,h)anthracene	1.153	1.177		2.1	
Benzo(g,h,i)perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	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.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.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	1.375		7.6	
Benzaldehyde	0.818	1.206		47.4	
Phenol-d6	1.448	1.526		5.4	
Phenol	1.769	1.913		8.1	20.0
bis(2-Chloroethyl)ether	1.289	1.402		8.8	
2-Chlorophenol	1.253	1.324		5.7	
2-Methylphenol	0.997	1.056		5.9	
2,2-oxybis(1-Chloropropane)	2.374	2.549		7.4	
Acetophenone	0.429	0.434		1.2	
3+4-Methylphenols	1.175	1.224		4.2	
n-Nitroso-di-n-propylamine	0.953	0.975	0.050	2.3	
Nitrobenzene-d5	0.346	0.362		4.6	
Hexachloroethane	0.515	0.540		4.9	
Nitrobenzene	0.376	0.391		4.0	
Isophorone	0.655	0.679		3.7	
2-Nitrophenol	0.186	0.202		8.6	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.334		3.7	20.0
Naphthalene	0.951	0.964		1.4	
4-Chloroaniline	0.347	0.363		4.6	
Hexachlorobutadiene	0.249	0.251		0.8	20.0
Caprolactam	0.088	0.092		4.5	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.635		-0.2	
Hexachlorocyclopentadiene	0.195	0.295	0.050	51.3	
2,4,6-Trichlorophenol	0.446	0.457		2.5	20.0
2-Fluorobiphenyl	1.354	1.327		-2.0	
2,4,5-Trichlorophenol	0.481	0.480		-0.2	
1,1-Biphenyl	1.396	1.417		1.5	
2-Chloronaphthalene	1.191	1.193		0.2	
2-Nitroaniline	0.344	0.381		10.8	
Dimethylphthalate	1.325	1.363		2.9	
Acenaphthylene	1.623	1.644		1.3	
2,6-Dinitrotoluene	0.268	0.291		8.6	
3-Nitroaniline	0.293	0.319		8.9	
Acenaphthene	1.085	1.166		7.5	20.0
2,4-Dinitrophenol	0.162	0.249	0.050	53.7	
4-Nitrophenol	0.212	0.206	0.050	-2.8	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_F Calibration Date/Time: 11/13/2025 14:56

Lab File ID: BF144243.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	1.540		1.3	
2,4-Dinitrotoluene	0.359	0.390		8.6	
Diethylphthalate	1.221	1.251		2.5	
4-Chlorophenyl-phenylether	0.658	0.647		-1.7	
Fluorene	1.156	1.154		-0.2	
4-Nitroaniline	0.279	0.290		3.9	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
2,4,6-Tribromophenol	0.251	0.249		-0.8	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.300		-0.3	
Atrazine	0.205	0.190		-7.3	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Carbazole	0.861	0.857		-0.5	
Di-n-butylphthalate	1.041	0.988		-5.1	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Butylbenzylphthalate	0.559	0.572		2.3	
3,3-Dichlorobenzidine	0.475	0.477		0.4	
Benzo(a)anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Bis(2-ethylhexyl)phthalate	0.765	0.734		-4.1	
Di-n-octyl phthalate	1.320	1.279		-3.1	20.0
Benzo(b)fluoranthene	1.137	1.144		0.6	
Benzo(k)fluoranthene	1.064	1.069		0.5	
Benzo(a)pyrene	1.049	1.055		0.6	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.481		3.1	
Dibenzo(a,h)anthracene	1.153	1.199		4.0	
Benzo(g,h,i)perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.656		0.2	
1,4-Dioxane	0.528	0.556		5.3	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.352		3.5	

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.: Q3584

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.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	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.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	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo(a)anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo(b)fluoranthene	1.242	1.261		1.5	
Benzo(k)fluoranthene	1.268	1.232		-2.8	
Benzo(a)pyrene	1.141	1.172		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.518		2.8	
Dibenzo(a,h)anthracene	1.202	1.234		2.7	
Benzo(g,h,i)perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 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

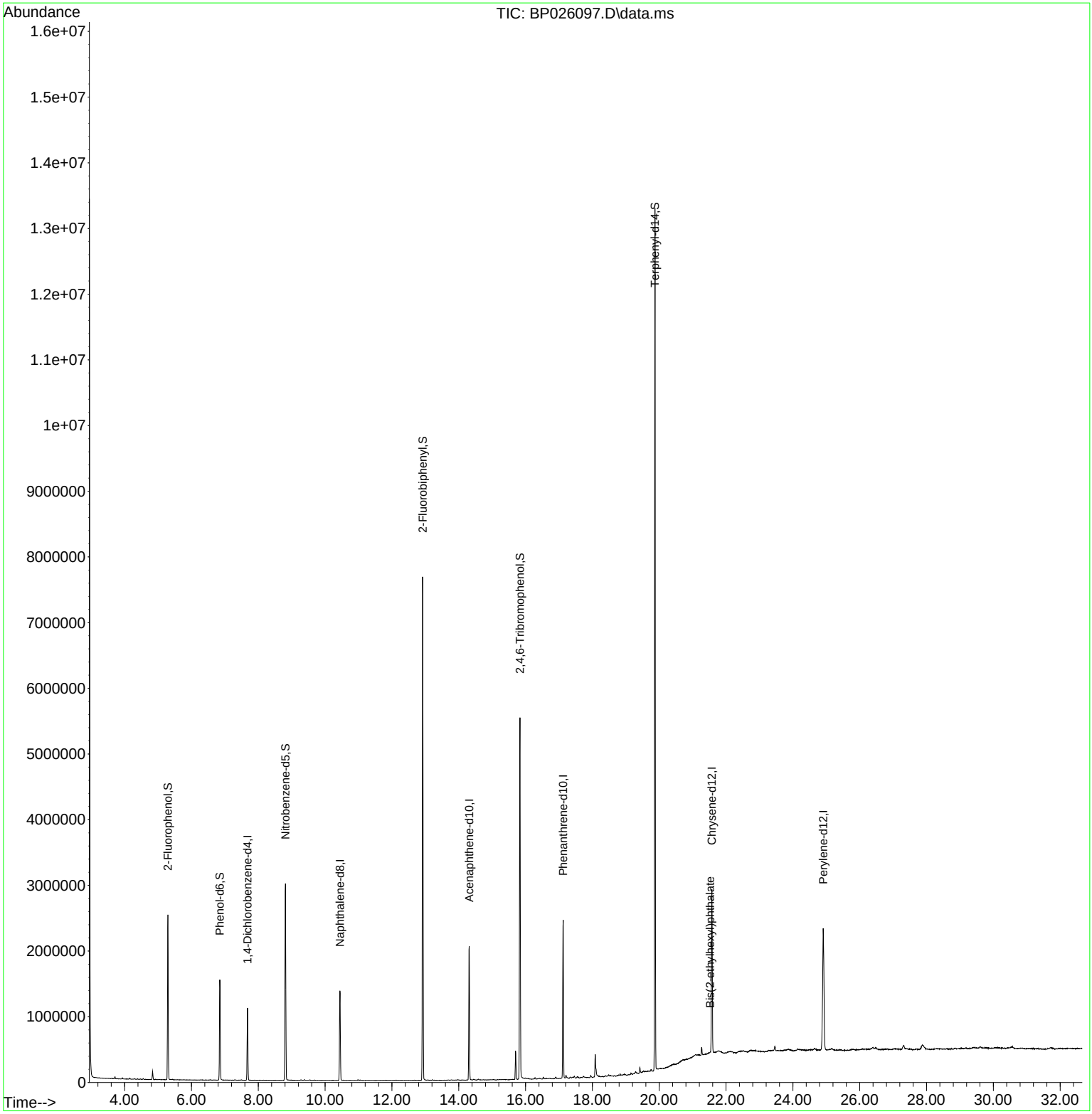
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	317671	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1227246	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	744904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1502755	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1662918	20.000	ng	0.01
86) Perylene-d12	24.907	264	1971522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1133623	58.884	ng	0.00
7) Phenol-d6	6.849	99	894334	36.498	ng	0.00
23) Nitrobenzene-d5	8.813	82	1698232	86.264	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1188197	147.545	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4033988	77.816	ng	-0.01
79) Terphenyl-d14	19.872	244	6633340	81.043	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	13346	2.786	ng	# 85

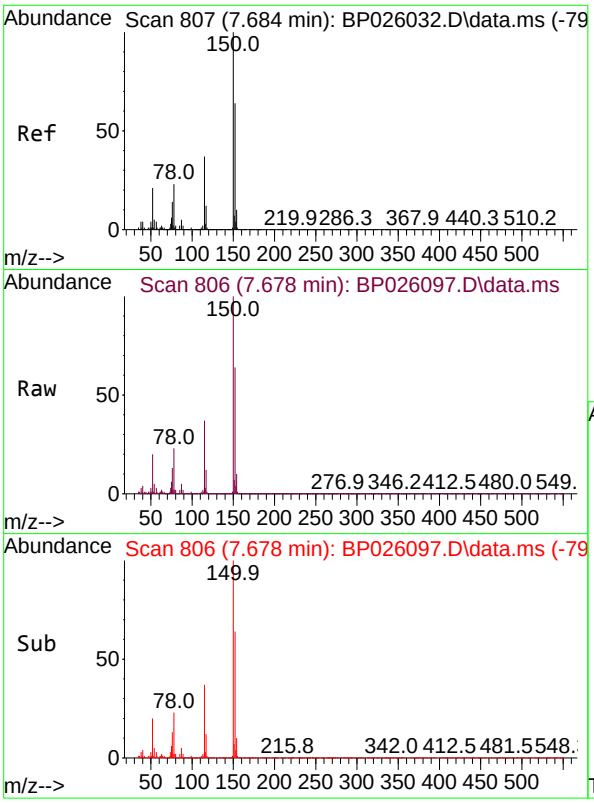
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 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



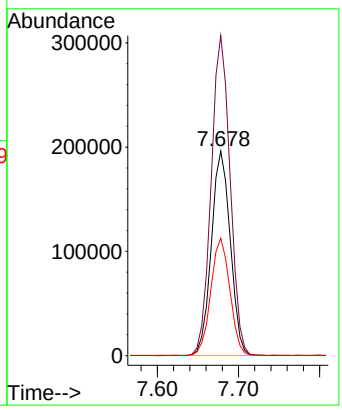


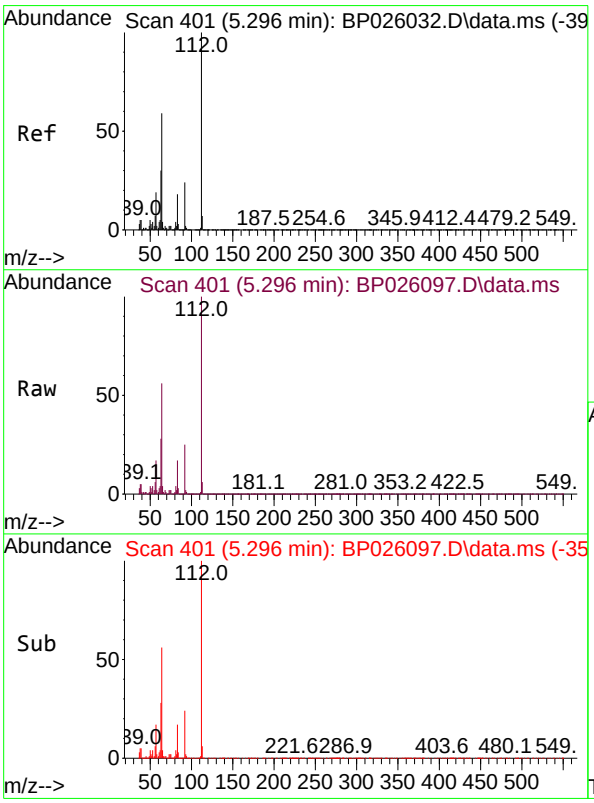
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 317671

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.7	188.5
115	57.5	46.4	69.6

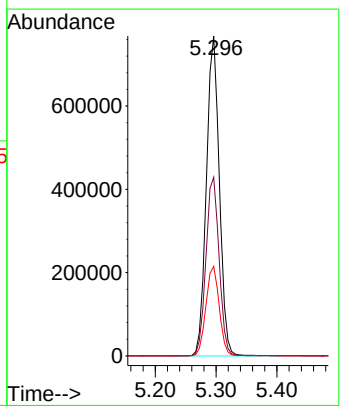


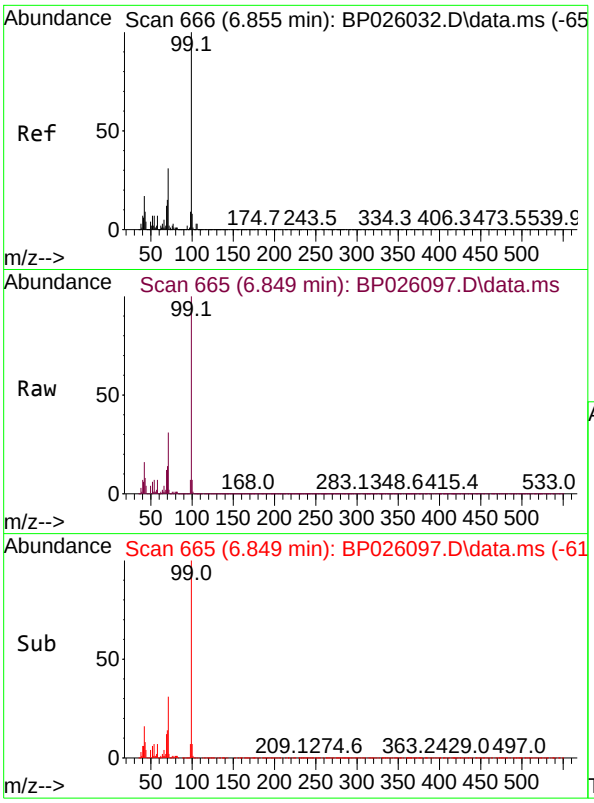


#5
2-Fluorophenol
Concen: 58.884 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:112 Resp: 1133623

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.4	71.2
63	28.0	24.2	36.4



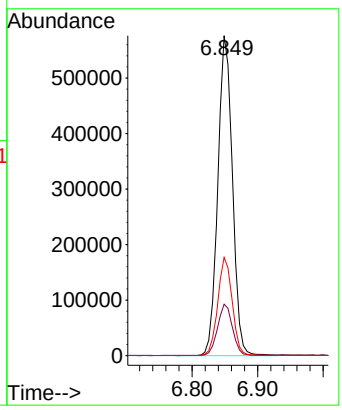


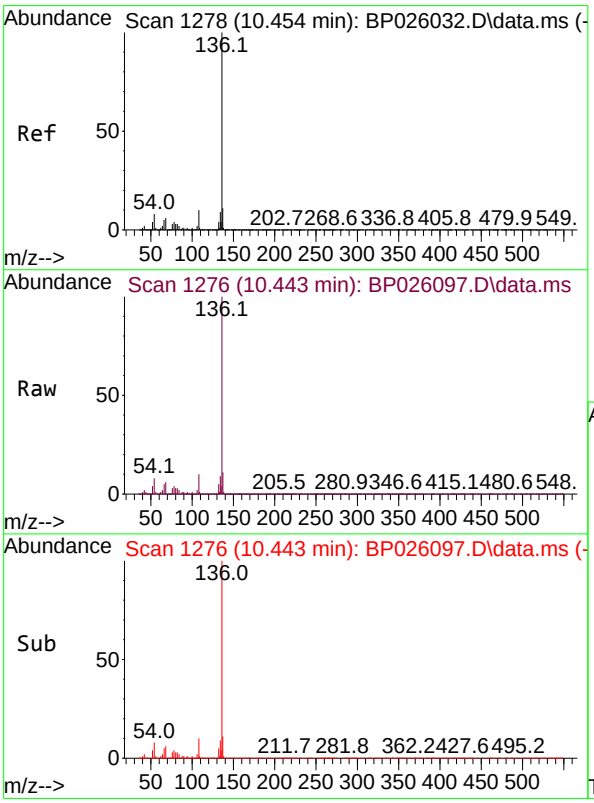
#7
Phenol-d6
Concen: 36.498 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion: 99 Resp: 894334

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.7	24.4	36.6

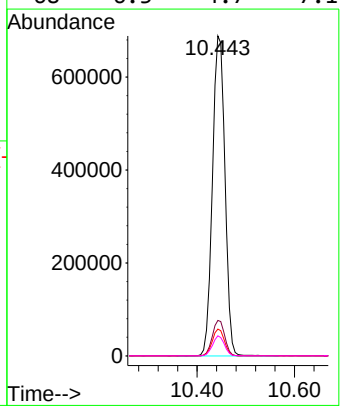


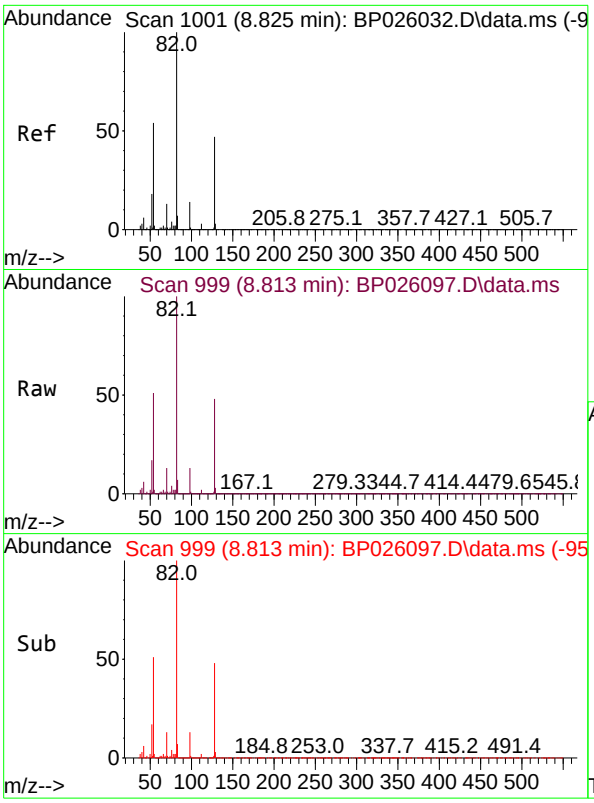


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:136 Resp: 1227246

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.6	10.0
68	6.3	4.7	7.1



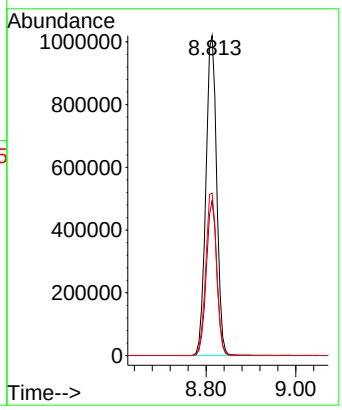


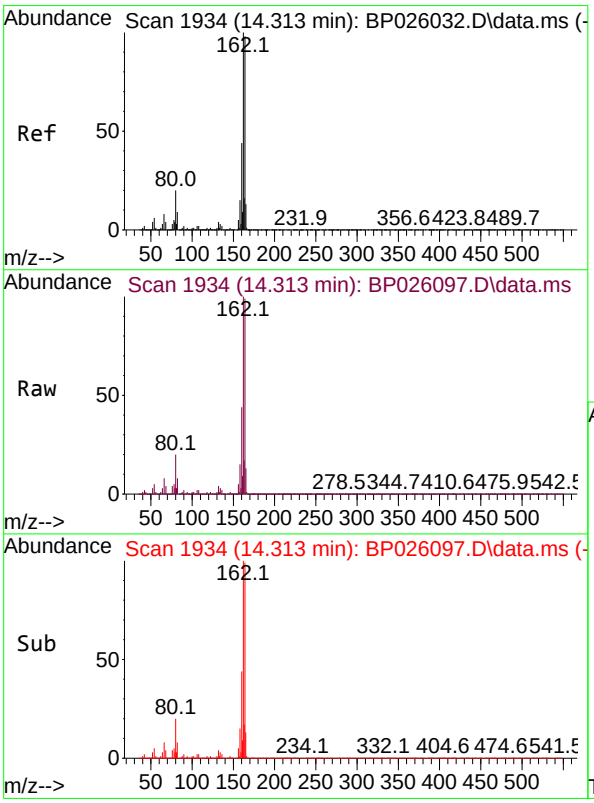
#23
Nitrobenzene-d5
Concen: 86.264 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion: 82 Resp: 1698232

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	50.8	42.7	64.1

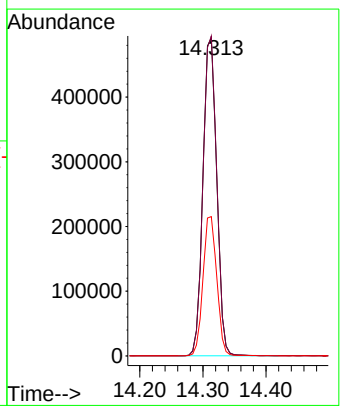


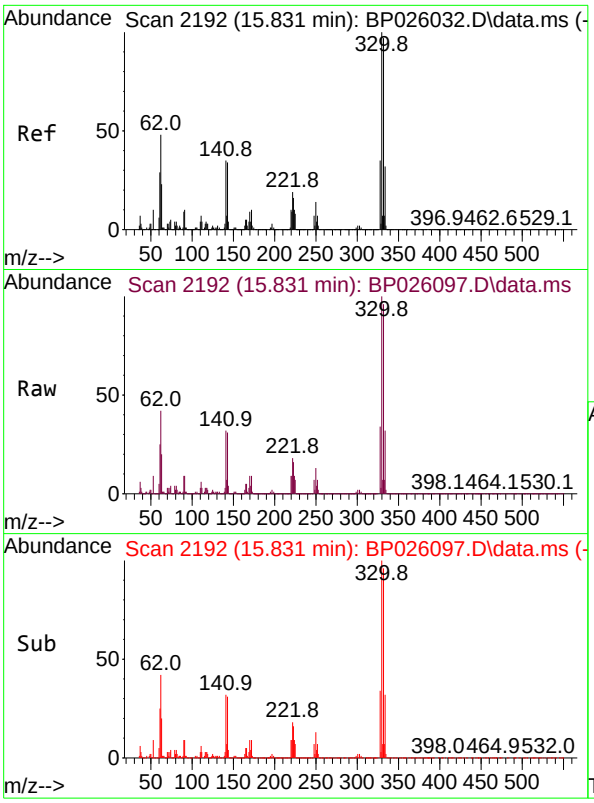


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:164 Resp: 744904

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	43.8	36.2	54.4



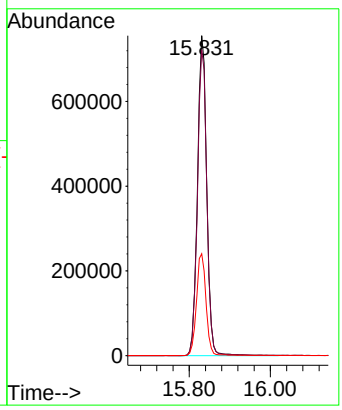


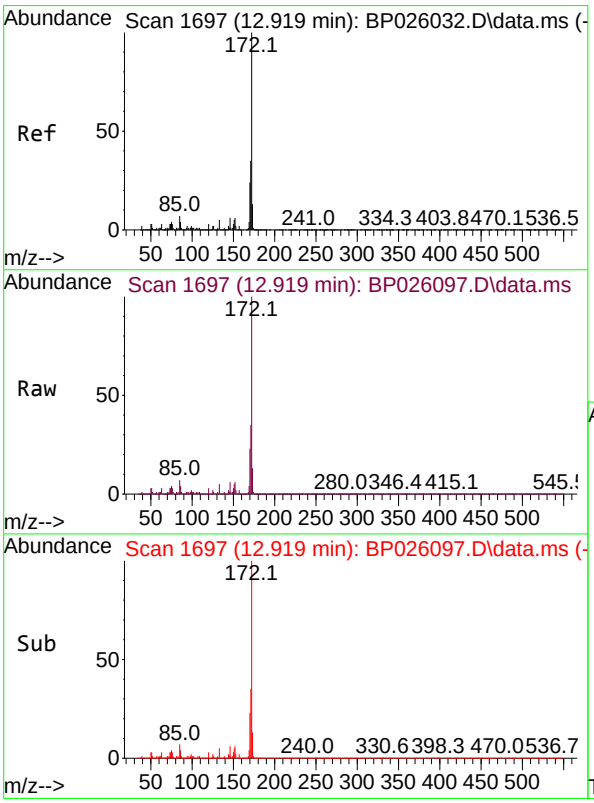
#42
2,4,6-Tribromophenol
Concen: 147.545 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:330 Resp: 1188197

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.8	28.6	42.8

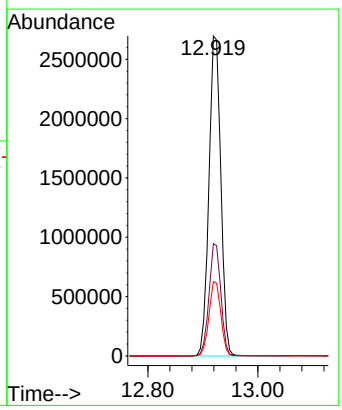


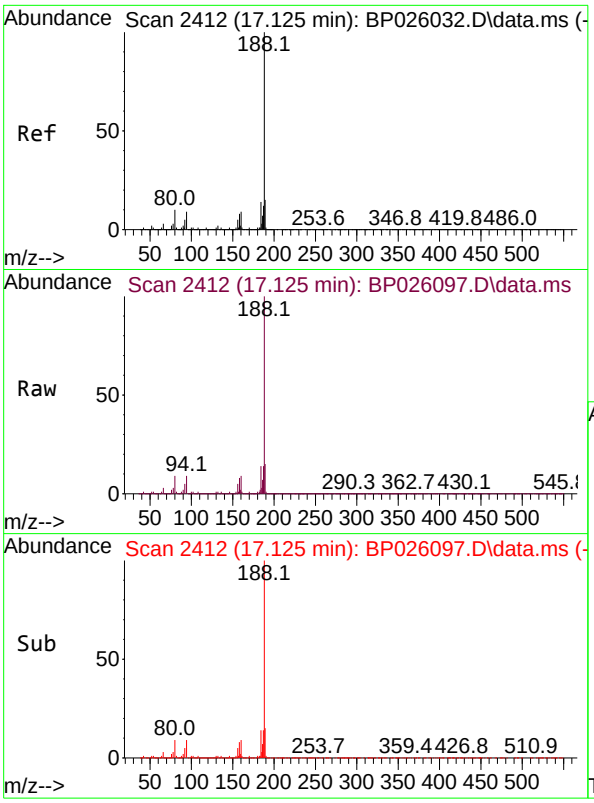


#45
2-Fluorobiphenyl
Concen: 77.816 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:172 Resp: 4033988

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.2	19.0	28.4



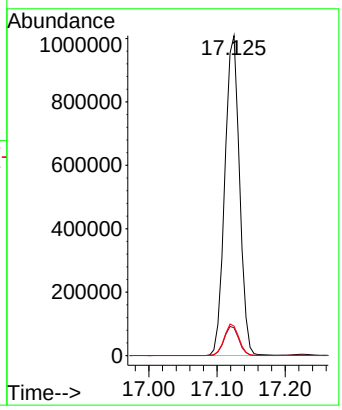


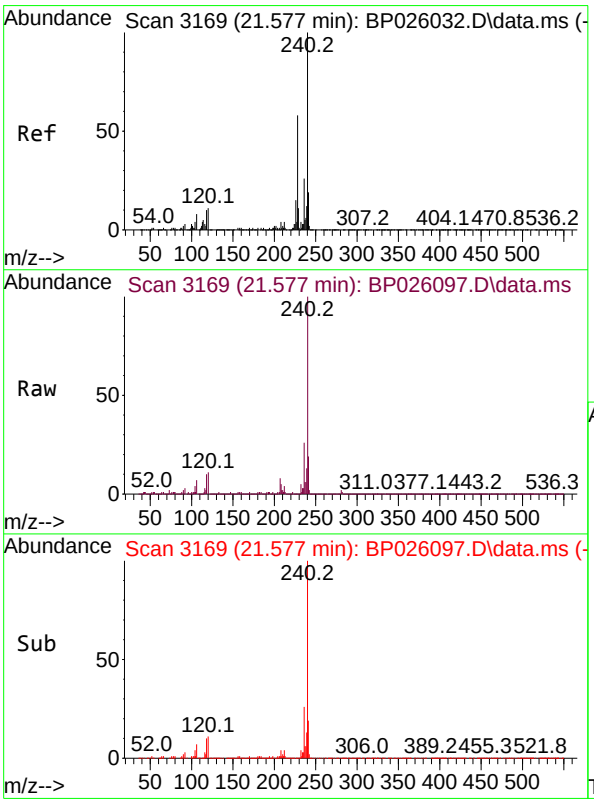
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:188 Resp: 1502755

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.2	7.9	11.9

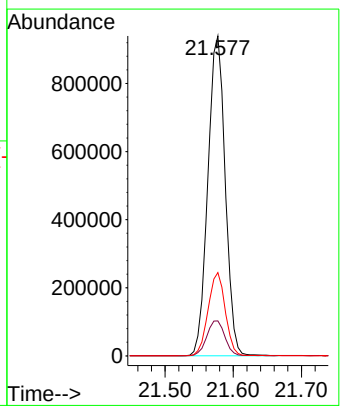


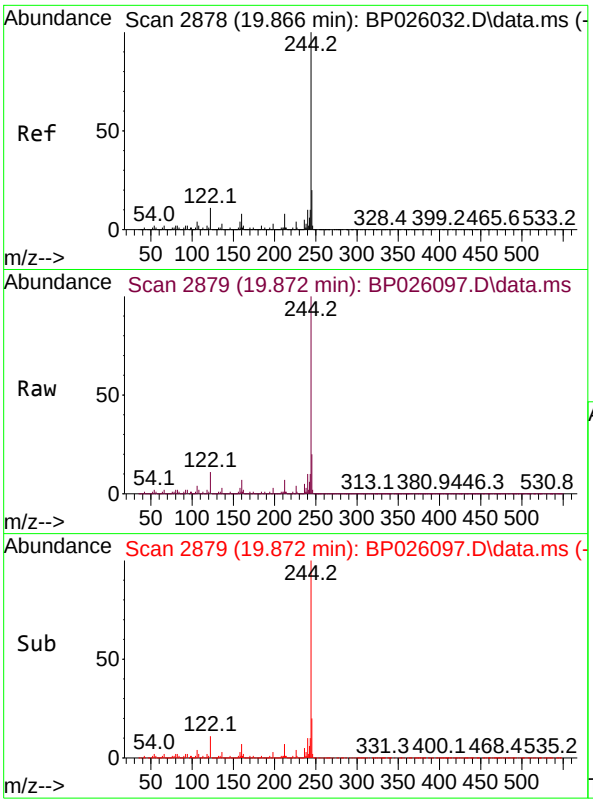


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:240 Resp: 1662918

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.0	20.6	31.0



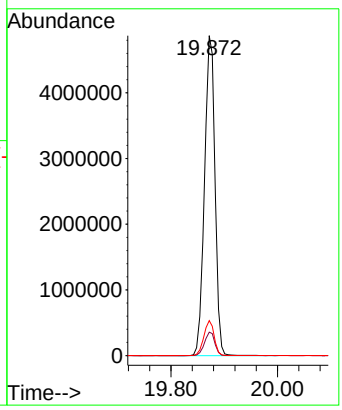


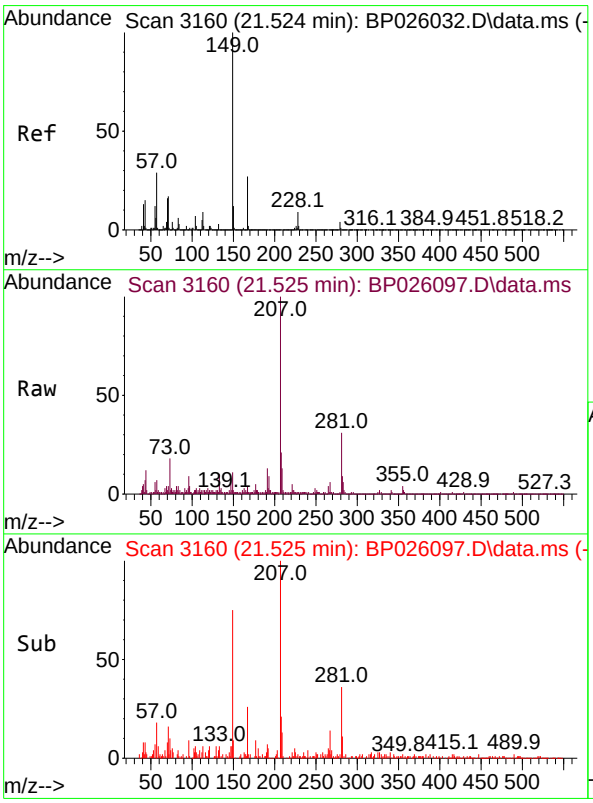
#79
Terphenyl-d14
Concen: 81.043 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:244 Resp: 6633340

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.9	9.0	13.6

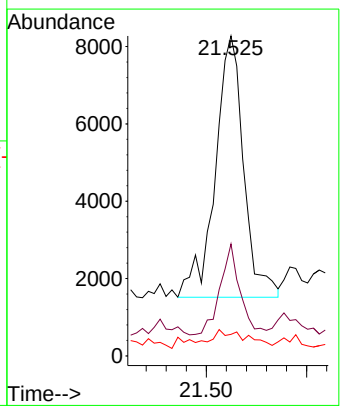


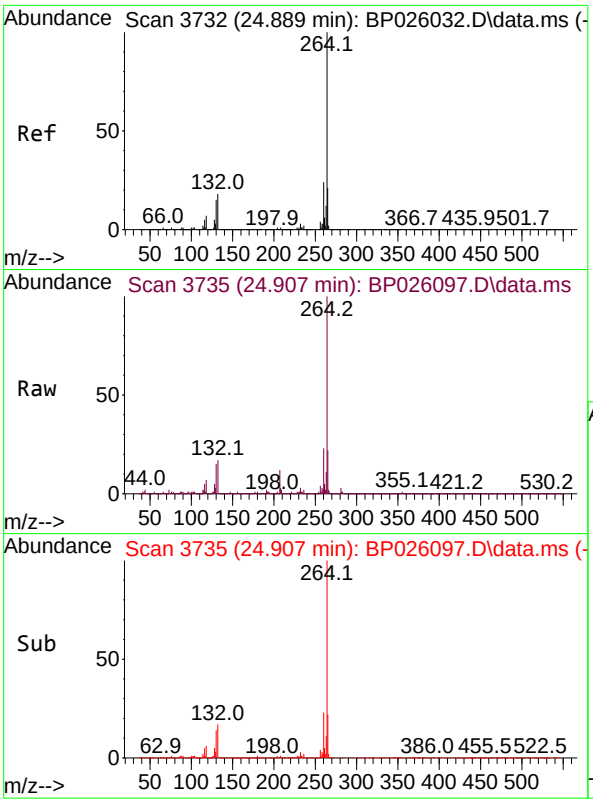


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.786 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:149 Resp: 13346

Ion	Ratio	Lower	Upper
149	100		
167	35.0	21.5	32.3#
279	6.7	3.0	4.6#



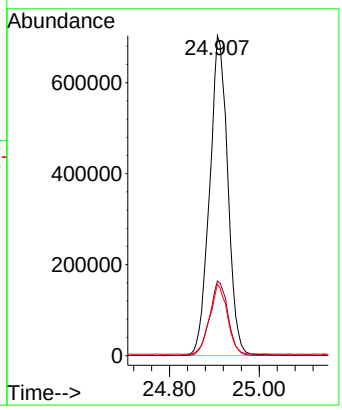


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1

Tgt Ion:264 Resp: 1971522

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.3	17.2	25.8



Sample Results: **BP026097.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.837	315	323	331	rVB2	127119	190694	1.07%	0.268%
2	5.296	394	401	410	rBV	2510185	3755257	21.16%	5.286%
3	6.849	656	665	674	rBV	1529219	2413697	13.60%	3.397%
4	7.678	798	806	814	rBV	1101033	1787618	10.07%	2.516%
5	8.813	991	999	1011	rBV	2997352	5030338	28.34%	7.080%
6	10.443	1268	1276	1290	rBV	1366879	2438711	13.74%	3.432%
7	12.919	1690	1697	1710	rBV	7663572	11296489	63.65%	15.900%
8	14.313	1927	1934	1942	rBV	2035082	3081590	17.36%	4.337%
9	15.701	2164	2170	2177	rBV	433602	632451	3.56%	0.890%
10	15.831	2182	2192	2207	rBV	5506760	8853569	49.88%	12.461%
11	17.125	2405	2412	2421	rBV	2404335	3630876	20.46%	5.110%
12	18.084	2571	2575	2592	rBV3	343156	689687	3.89%	0.971%
13	19.872	2873	2879	2885	rBV	13130766	17748754	100.00%	24.981%
14	21.577	3162	3169	3178	rVB2	2486255	4406362	24.83%	6.202%
15	24.907	3726	3735	3748	rVB	1844744	5091956	28.69%	7.167%

Sum of corrected areas: 71048049

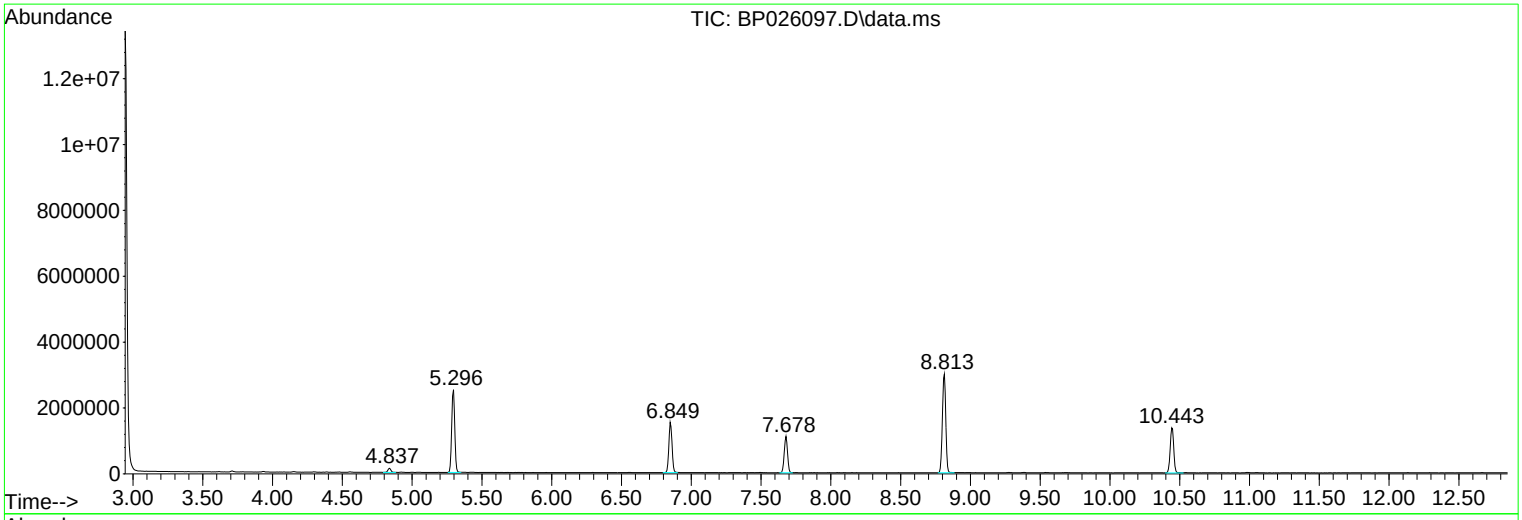
Sample Results: **BP026097.D**

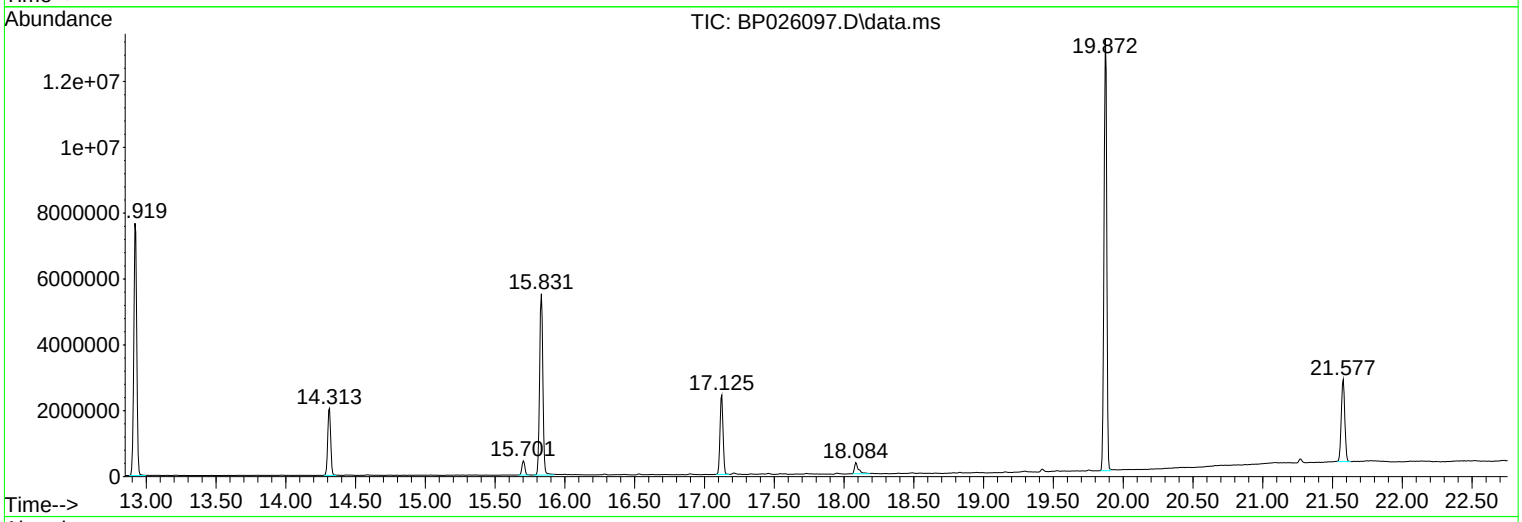
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

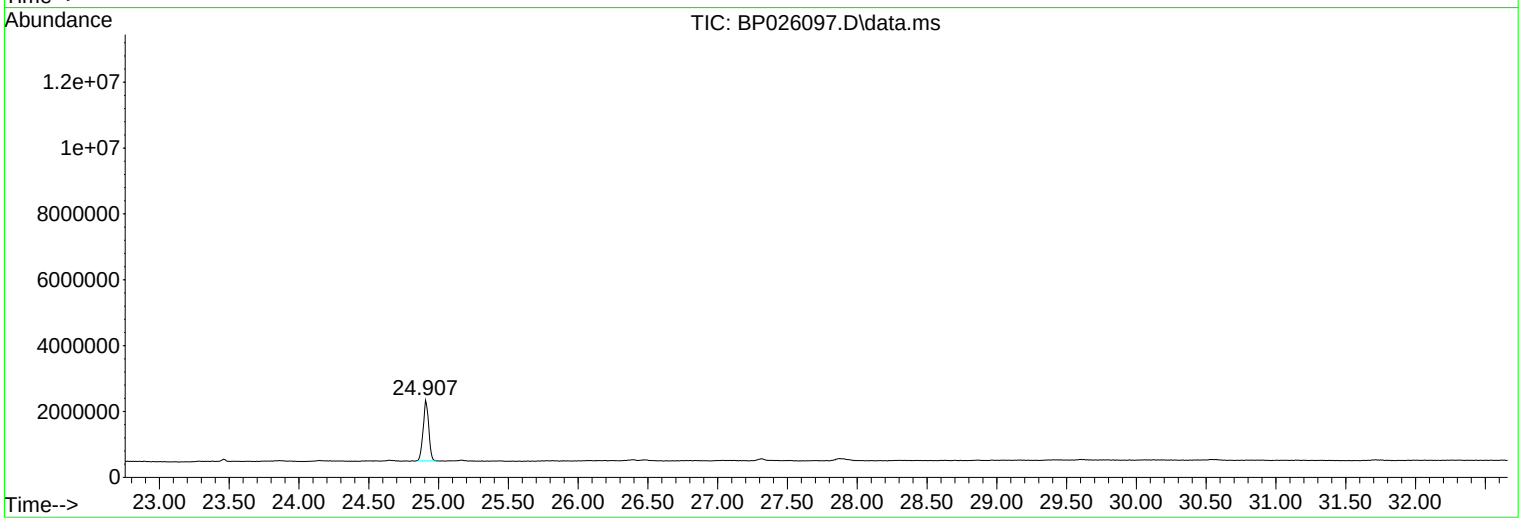
Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

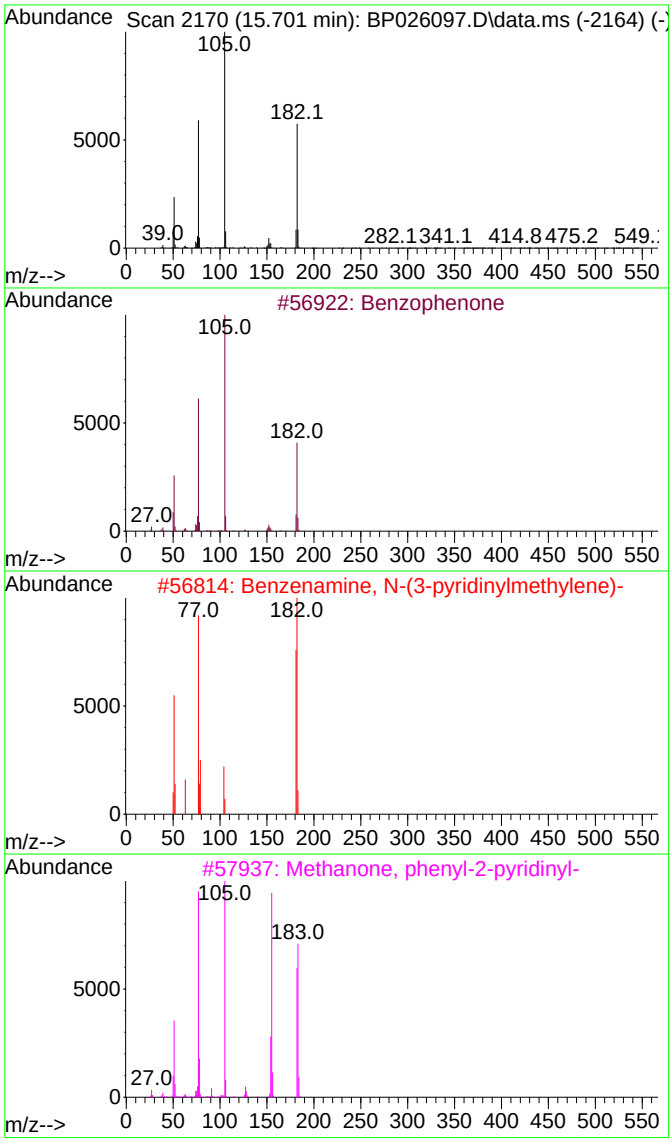
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TIC Integration Parameters: LSCINT.P

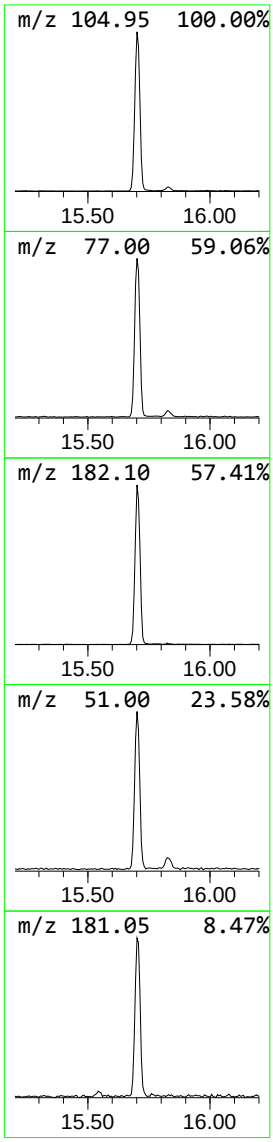
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	4.10 ng	632451	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	40
4	Azobenzene	182	C12H10N2	000103-33-3	38
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

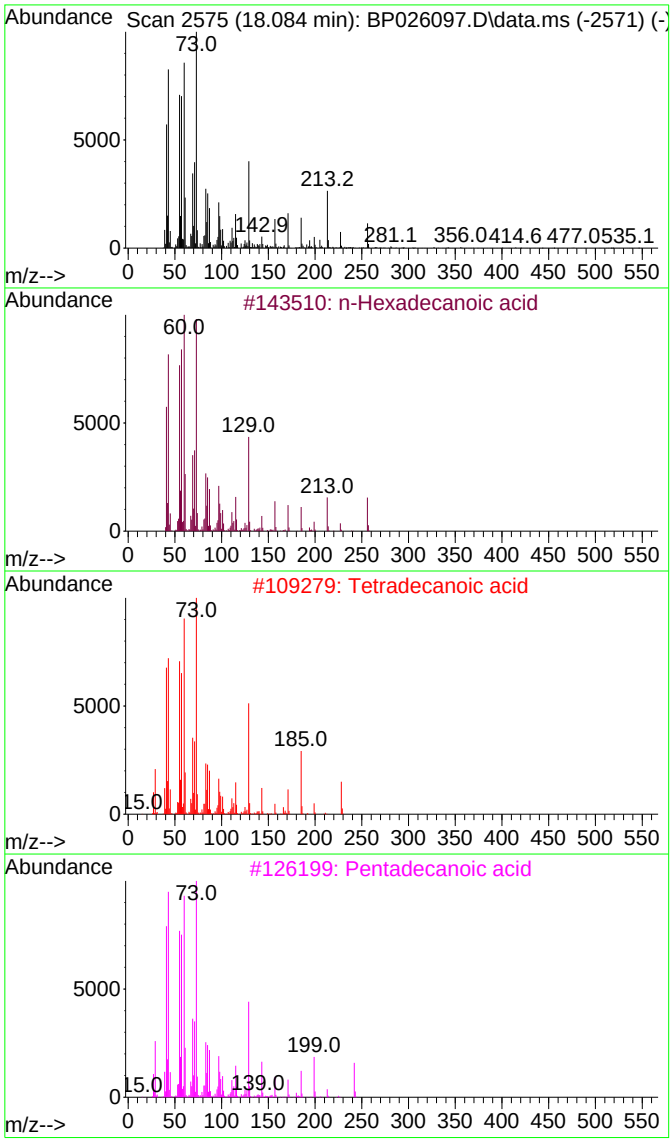
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

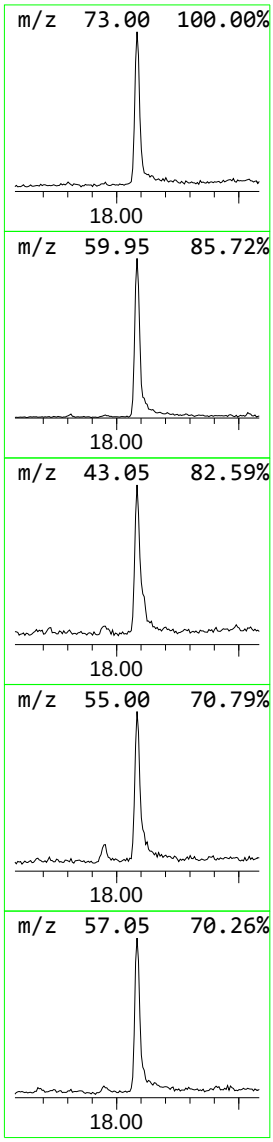
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	3.80 ng	689687	Phenanthrene-d10	17.125

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	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.701	4.1	ng	632451	3	14.313	3081590	20.0
n-Hexadecanoic ...	18.084	3.8	ng	689687	4	17.125	3630880	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 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

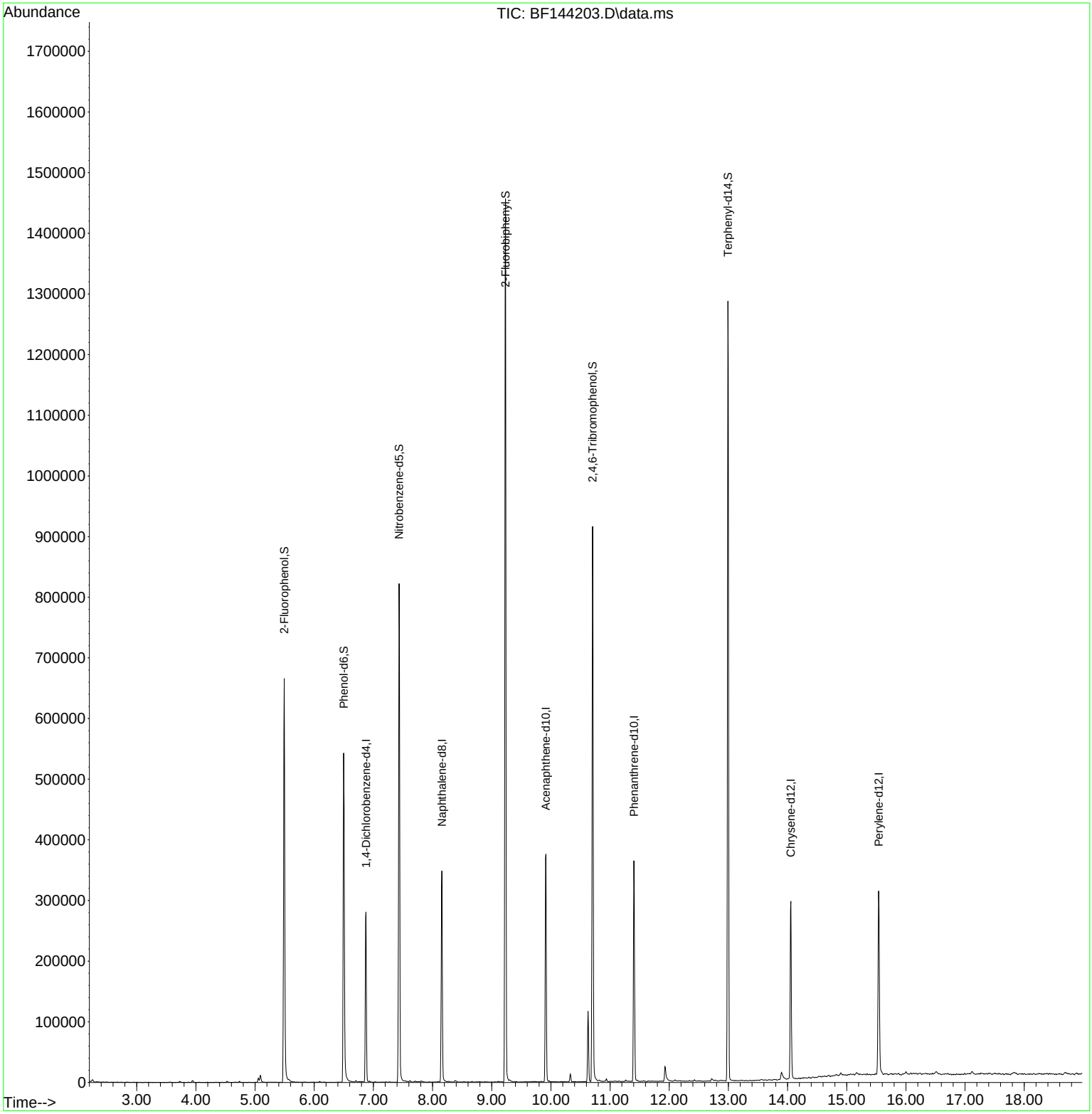
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59255	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231451	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	119771	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	200120	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163164	20.000	ng	0.00
86) Perylene-d12	15.539	264	207285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	262551	69.337	ng	0.00
7) Phenol-d6	6.498	99	236120	55.033	ng	0.00
23) Nitrobenzene-d5	7.434	82	347465	86.704	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179630	119.515	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	686010	84.594	ng	0.00
79) Terphenyl-d14	12.992	244	686303	66.812	ng	0.00
Target Compounds						Qvalue

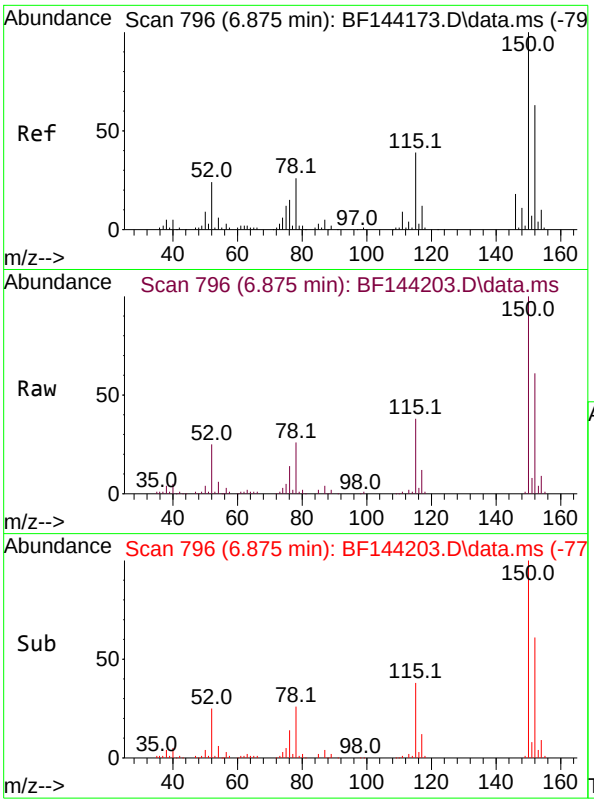
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 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



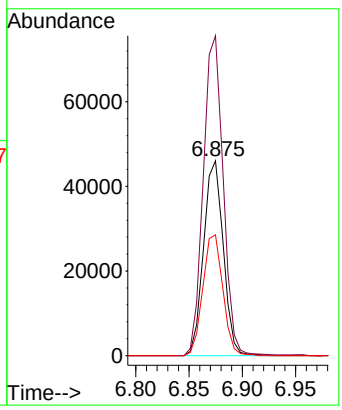


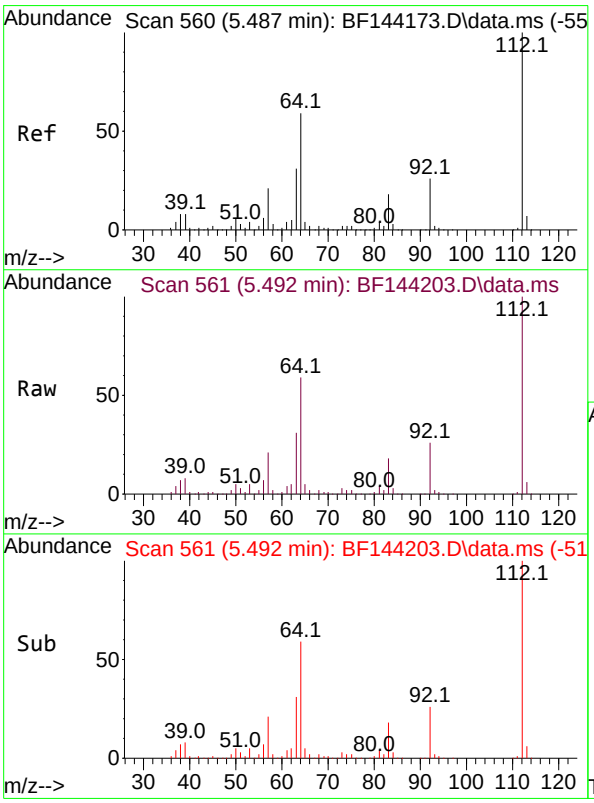
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 59255

Ion	Ratio	Lower	Upper
152	100		
150	164.3	127.4	191.0
115	62.0	49.5	74.3

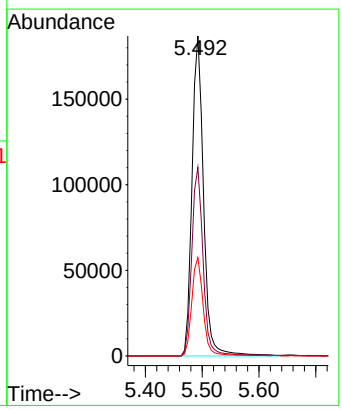


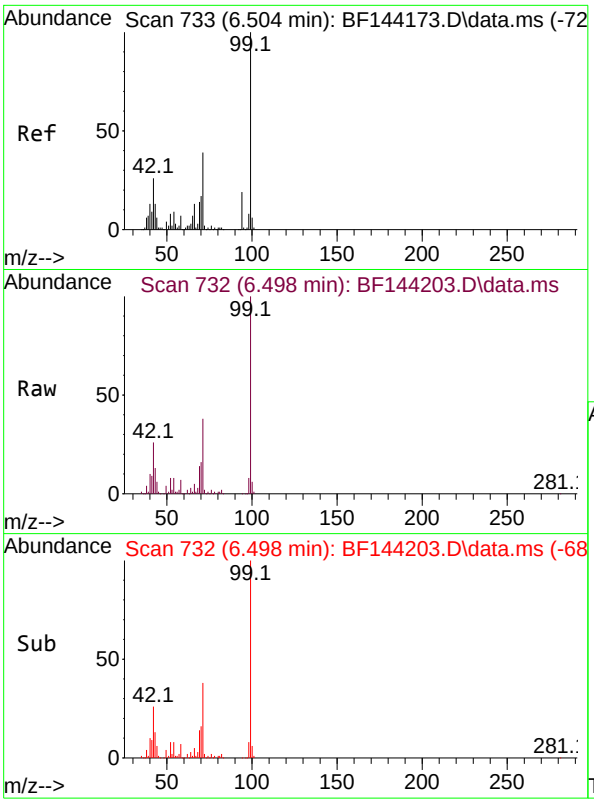


#5
2-Fluorophenol
Concen: 69.337 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:112 Resp: 262551

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.2	70.8
63	30.7	24.4	36.6



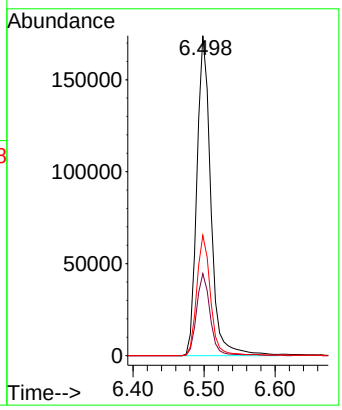


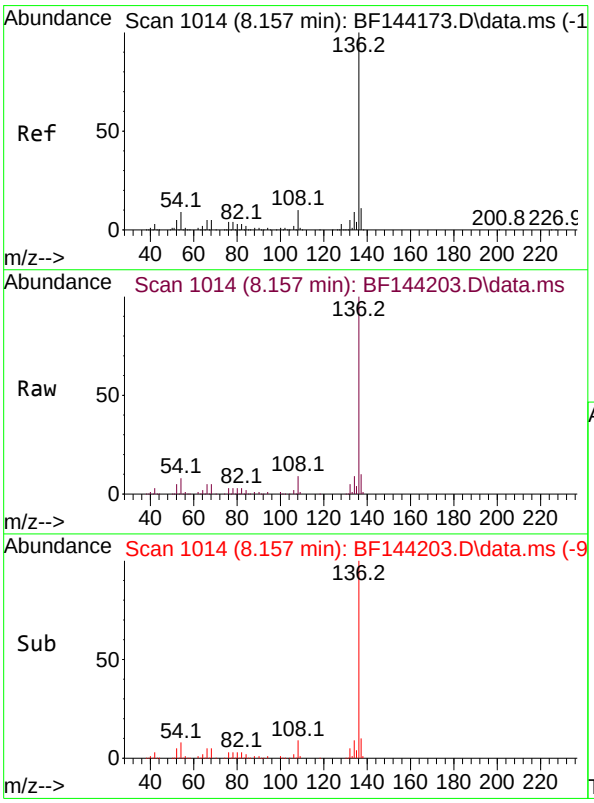
#7
Phenol-d6
Concen: 55.033 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion: 99 Resp: 236120

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	37.6	31.4	47.2

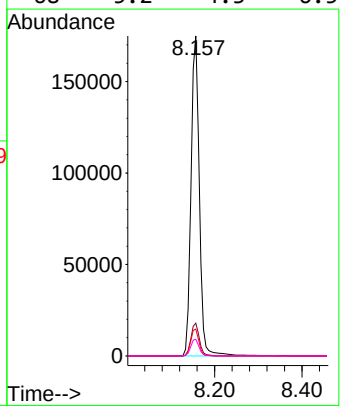


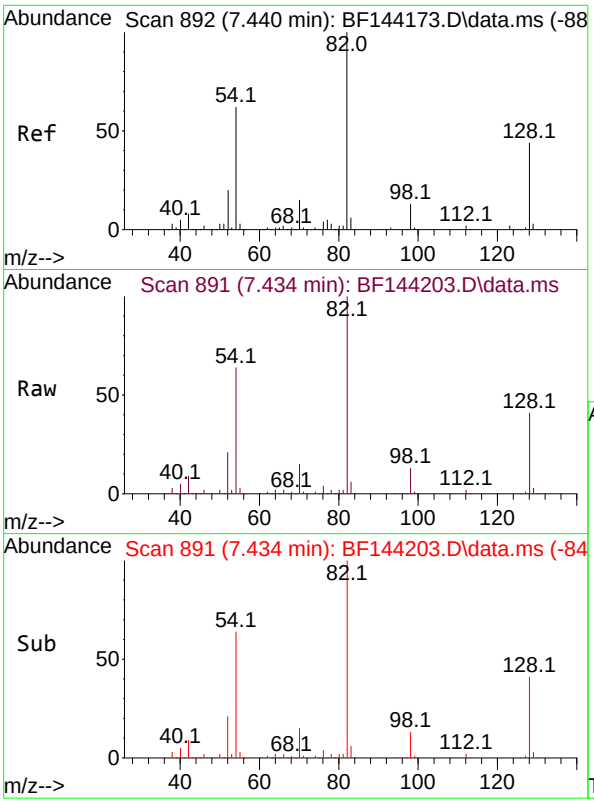


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:136 Resp: 231451

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.4	7.0	10.6
68	5.2	4.3	6.5



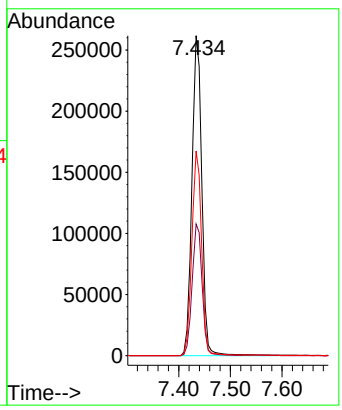


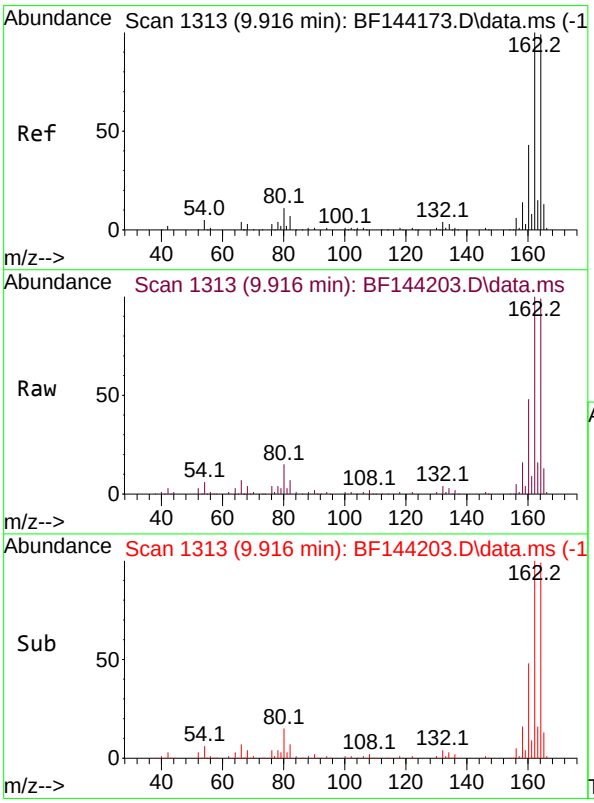
#23
Nitrobenzene-d5
Concen: 86.704 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion: 82 Resp: 347465

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.7	52.1
54	63.9	49.5	74.3

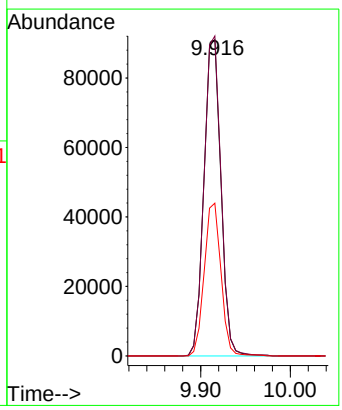


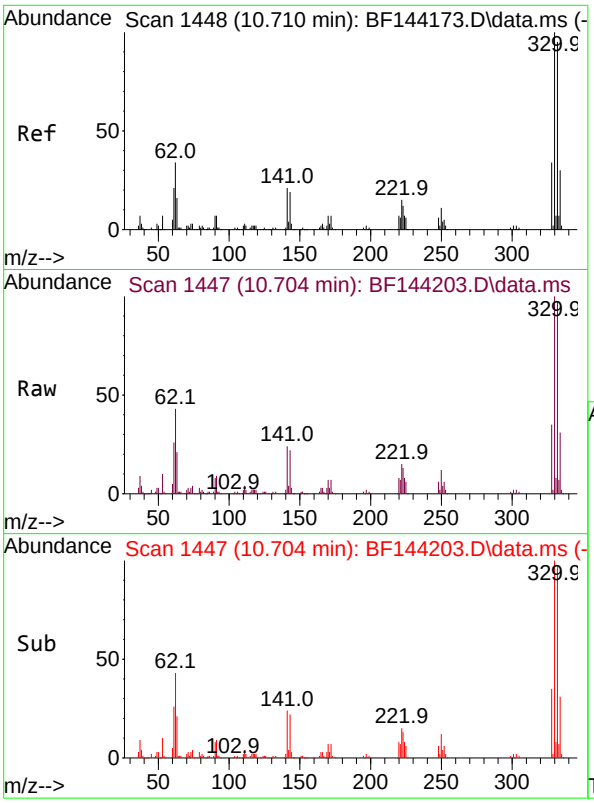


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:164 Resp: 119771

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.1	121.7
160	48.3	34.5	51.7



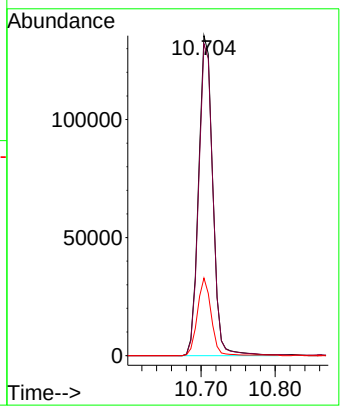


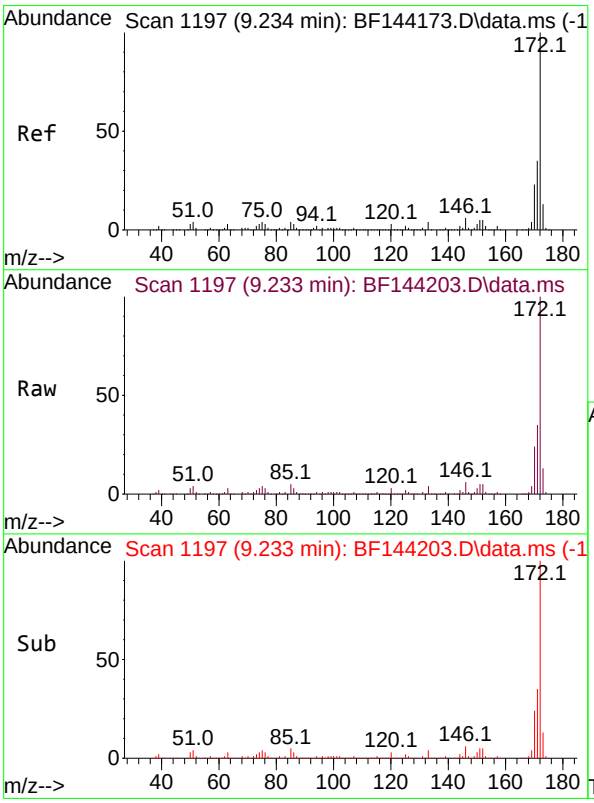
#42
2,4,6-Tribromophenol
Concen: 119.515 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:330 Resp: 179630

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	23.5	17.8	26.8

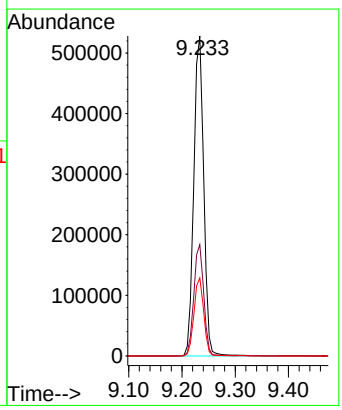


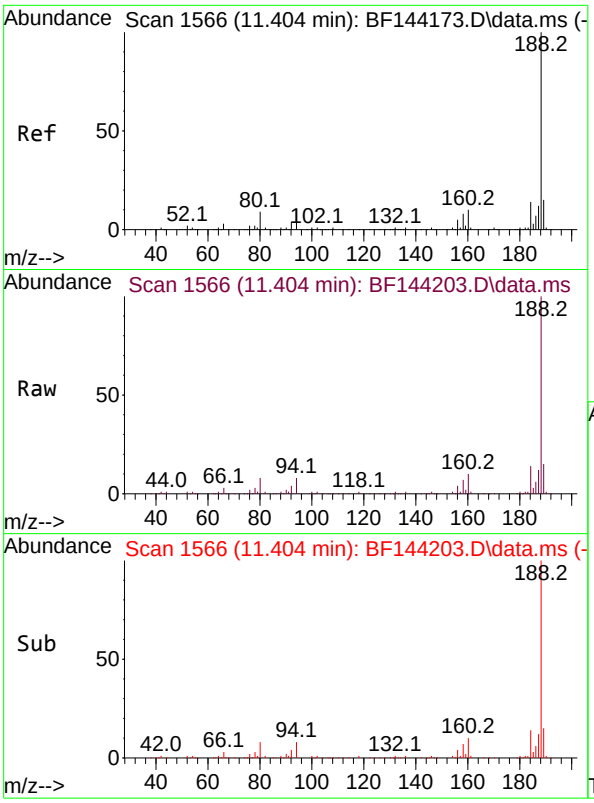


#45
2-Fluorobiphenyl
Concen: 84.594 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:172 Resp: 686010

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	24.4	18.6	28.0



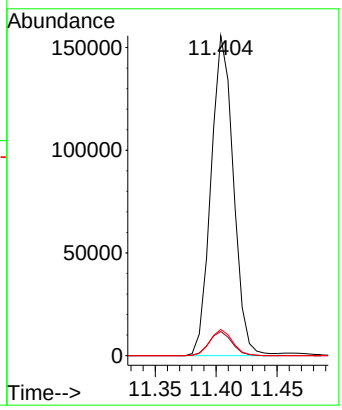


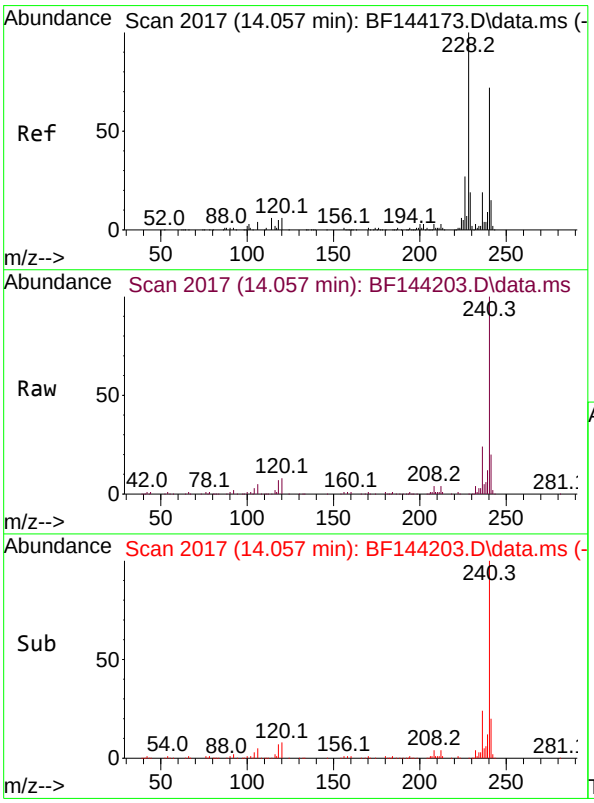
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:188 Resp: 200120

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	8.2	6.9	10.3

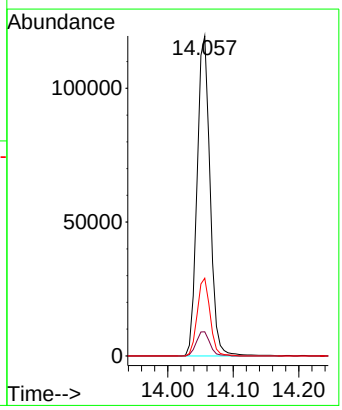


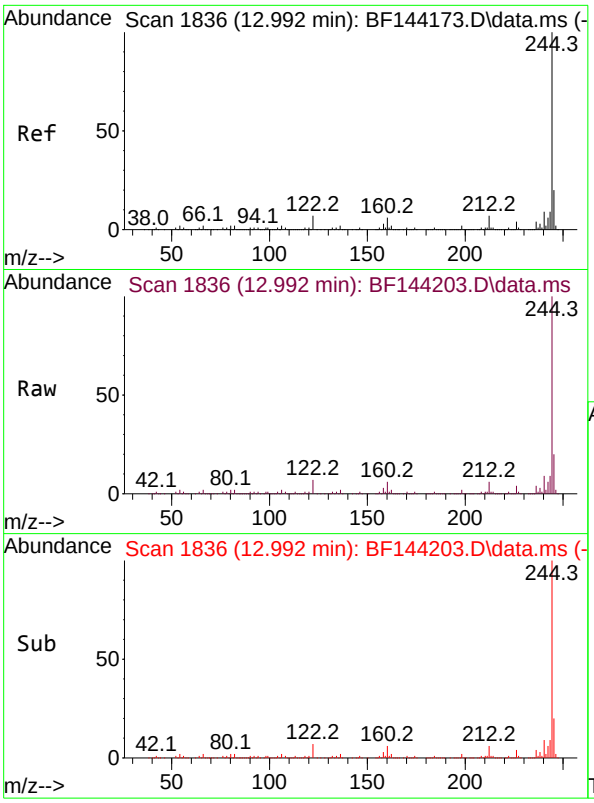


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:240 Resp: 163164

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	24.3	21.4	32.2



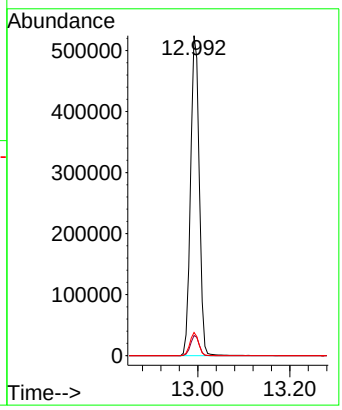


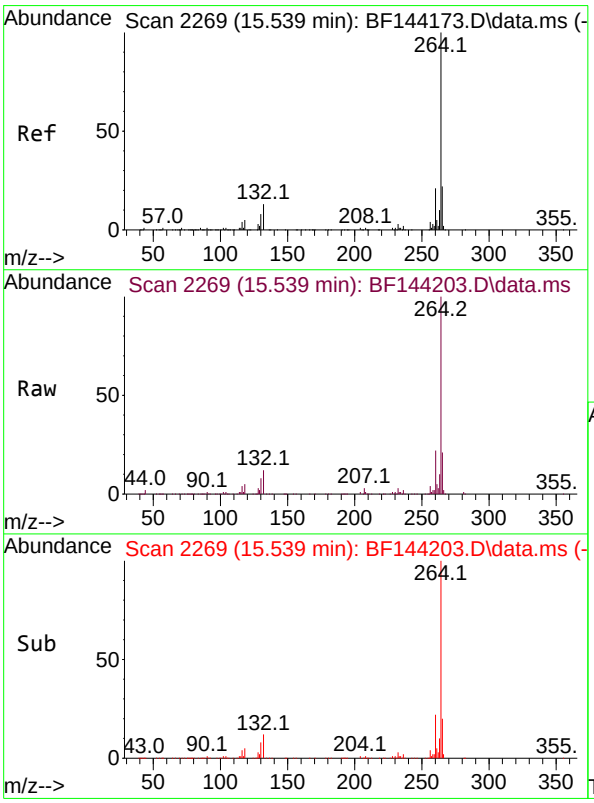
#79
Terphenyl-d14
Concen: 66.812 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Instrument :
BNA_F
ClientSampleId :
SW-2

Tgt Ion:244 Resp: 686303

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	7.2	5.6	8.4

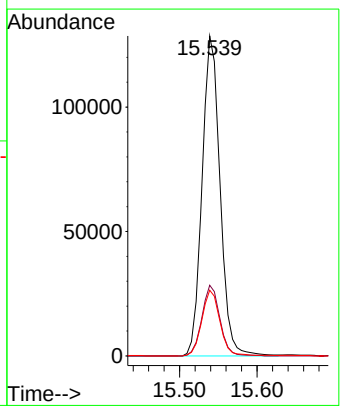




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:264 Resp: 207285

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	20.6	17.4	26.0



Sample Results: **BF144203.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	556	561	573	rBV	666005	914163	48.60%	8.817%
2	6.498	727	732	757	rBV	542767	739417	39.31%	7.132%
3	6.875	790	796	803	rBV	280592	364171	19.36%	3.513%
4	7.434	885	891	909	rBV	822365	1091120	58.01%	10.524%
5	8.157	1008	1014	1029	rBV	348135	454161	24.15%	4.381%
6	9.233	1191	1197	1206	rBV	1456217	1880969	100.00%	18.142%
7	9.916	1307	1313	1321	rBV	375106	490104	26.06%	4.727%
8	10.627	1429	1434	1442	rBV	116150	145237	7.72%	1.401%
9	10.704	1442	1447	1463	rBV	915141	1188505	63.19%	11.463%
10	11.404	1561	1566	1573	rBV	363864	463212	24.63%	4.468%
11	11.927	1651	1655	1671	rBV3	24248	50016	2.66%	0.482%
12	12.992	1831	1836	1842	rBV	1285597	1665483	88.54%	16.064%
13	13.898	1985	1990	2004	rBV7	11779	31287	1.66%	0.302%
14	14.057	2011	2017	2029	rVB	292585	397175	21.12%	3.831%
15	15.539	2263	2269	2283	rVB	302701	492739	26.20%	4.753%

Sum of corrected areas: 10367759

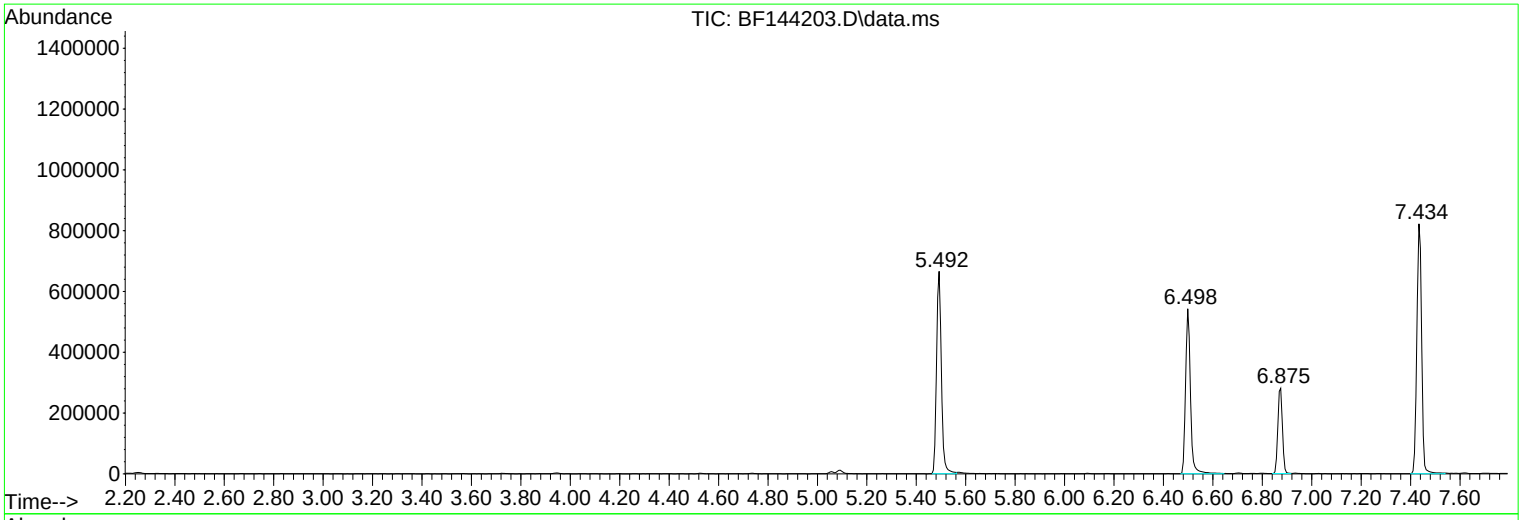
Sample Results: **BF144203.D**

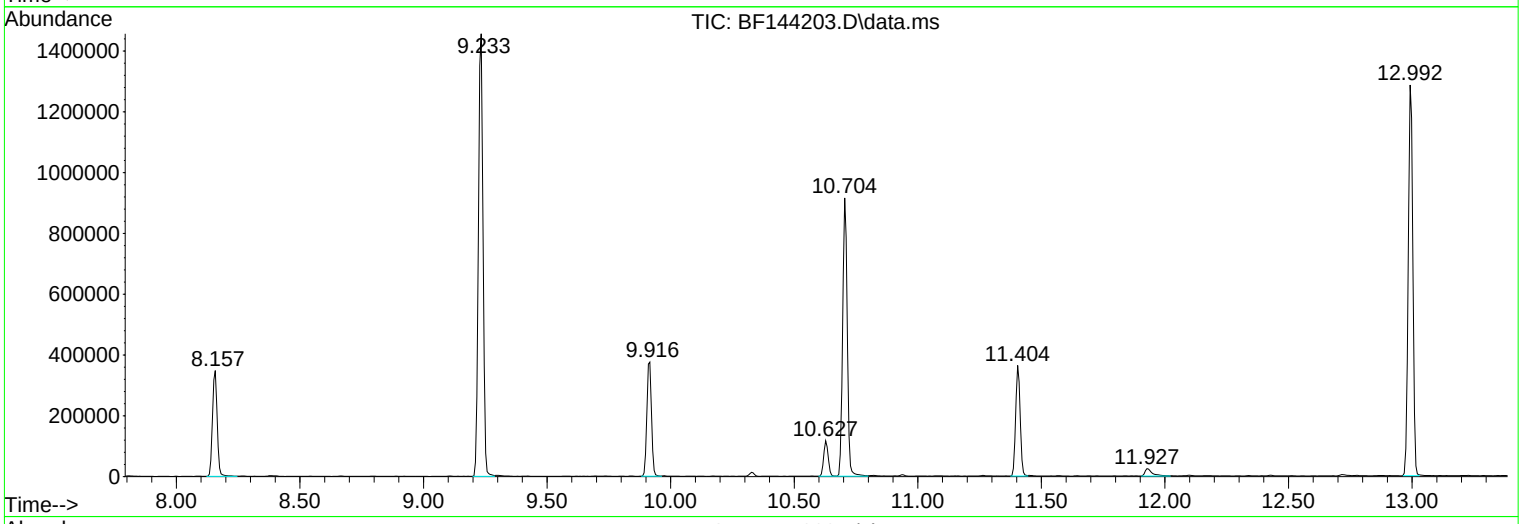
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

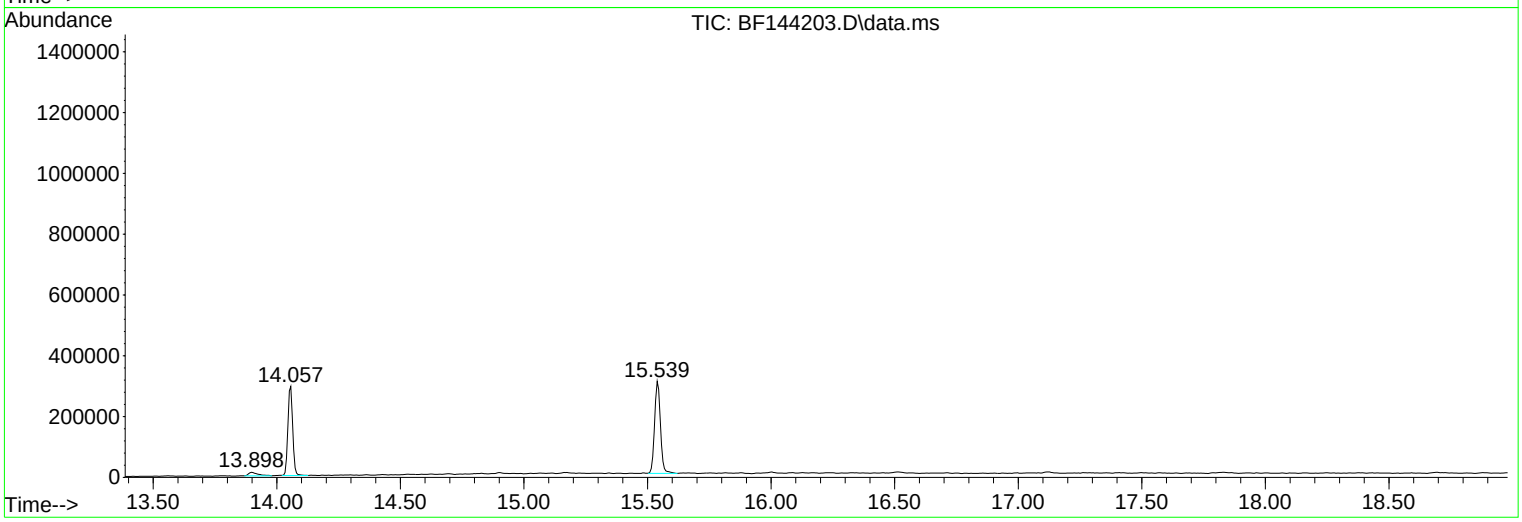
Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

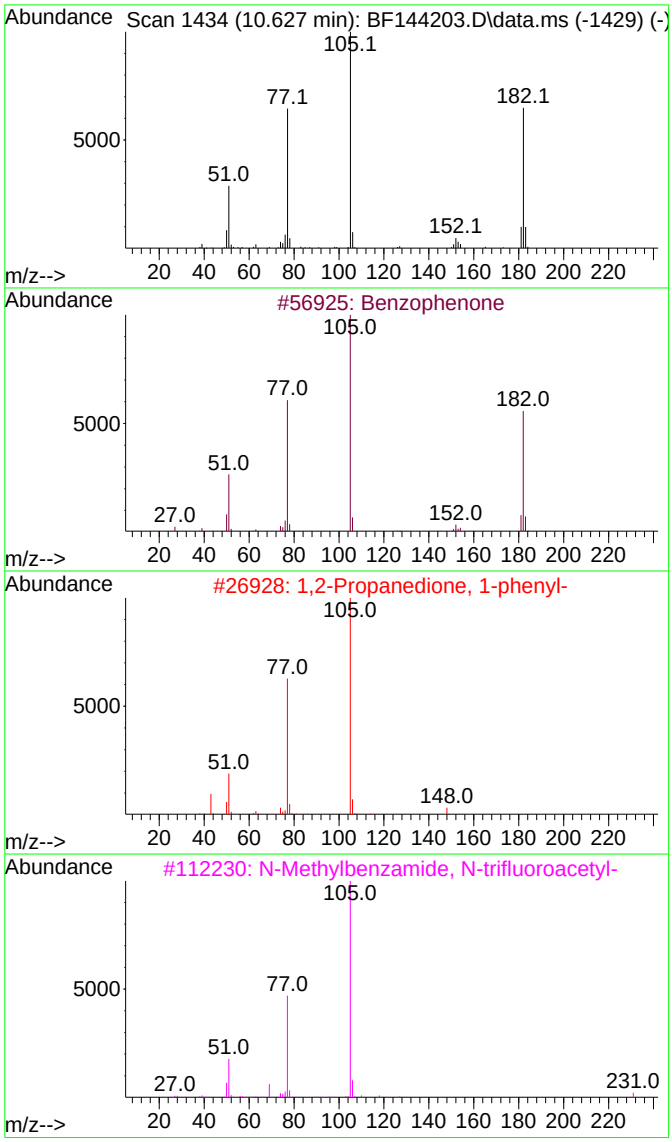
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

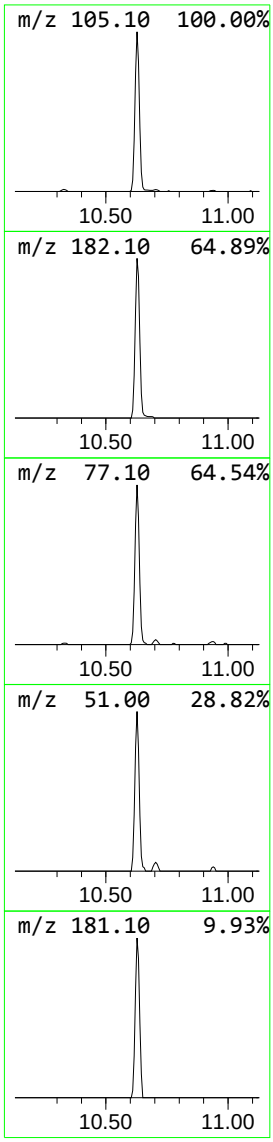
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	5.93 ng	145237	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

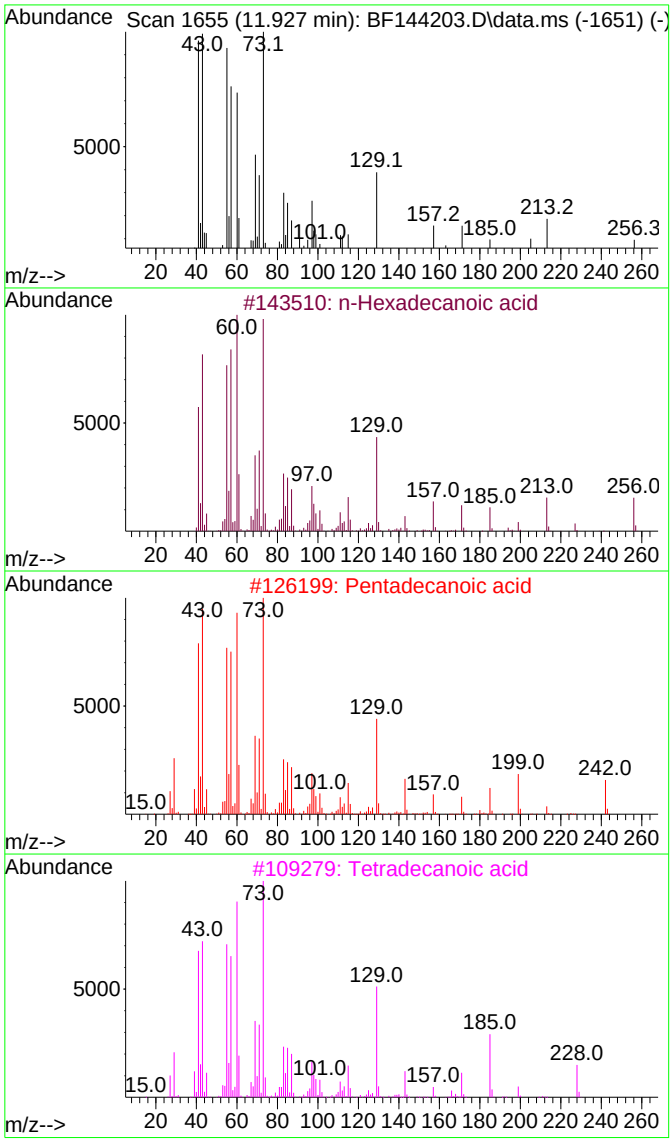
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

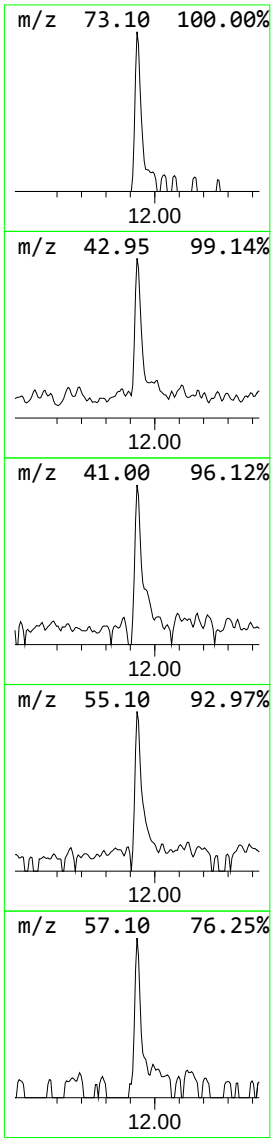
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.16 ng	50016	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.627	5.9	ng	145237	3	9.916	490104	20.0
n-Hexadecanoic ...	11.927	2.2	ng	50016	4	11.404	463212	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Time: Nov 11 15:59:38 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

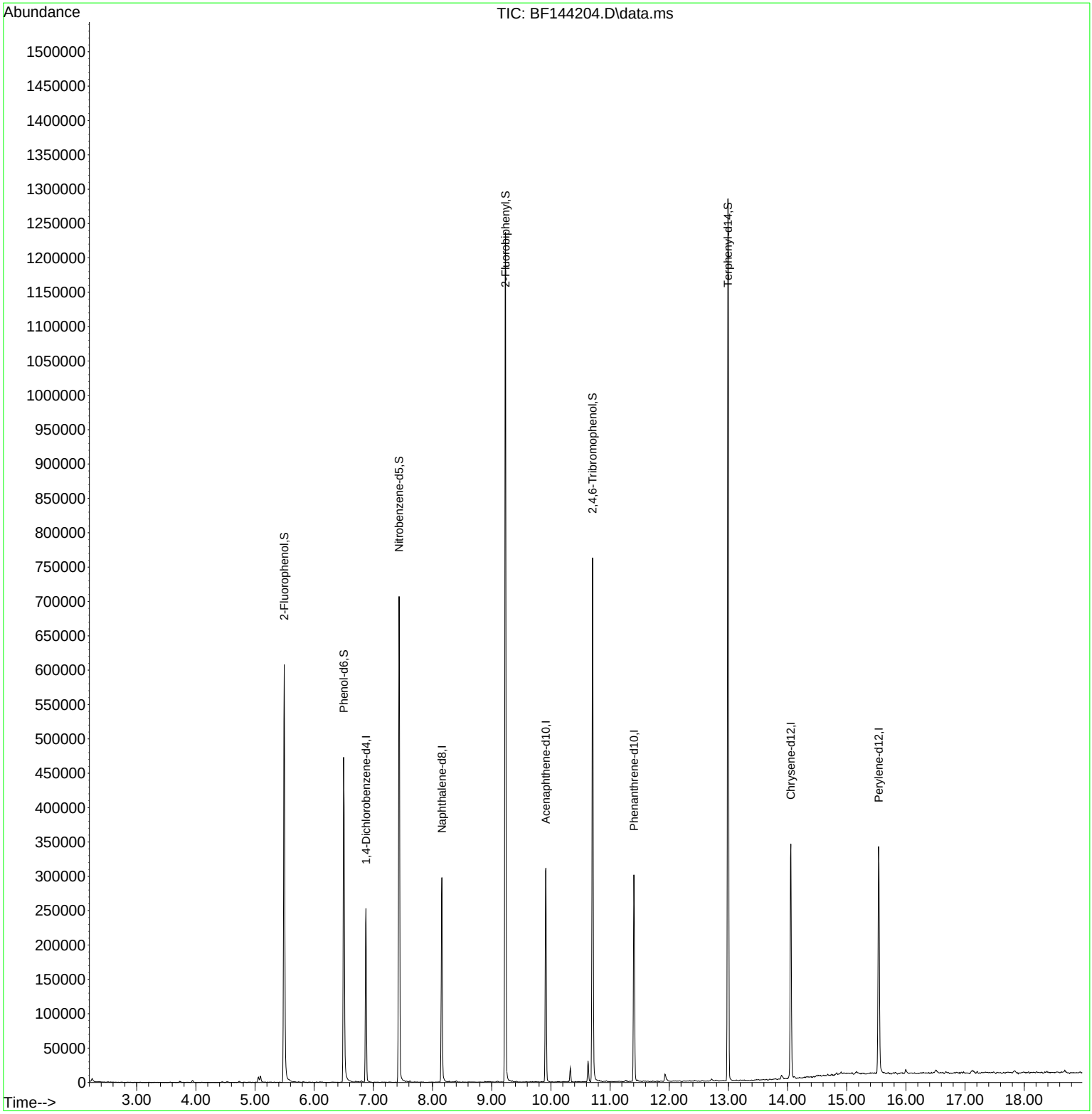
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	54285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	195487	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	102900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186431	20.000	ng	0.00
86) Perylene-d12	15.539	264	227605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240153	69.229	ng	0.00
7) Phenol-d6	6.498	99	211309	53.760	ng	0.00
23) Nitrobenzene-d5	7.434	82	295394	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153092	118.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	585790	84.079	ng	0.00
79) Terphenyl-d14	12.992	244	708798	60.390	ng	0.00
Target Compounds						Qvalue

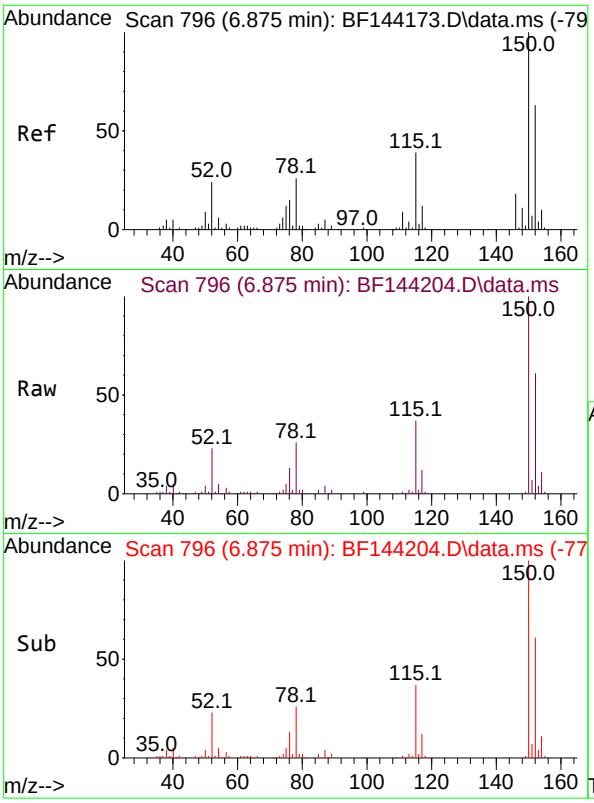
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Time: Nov 11 15:59:38 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



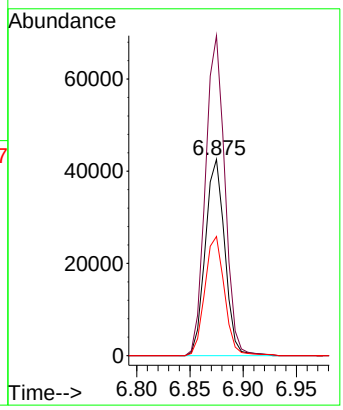


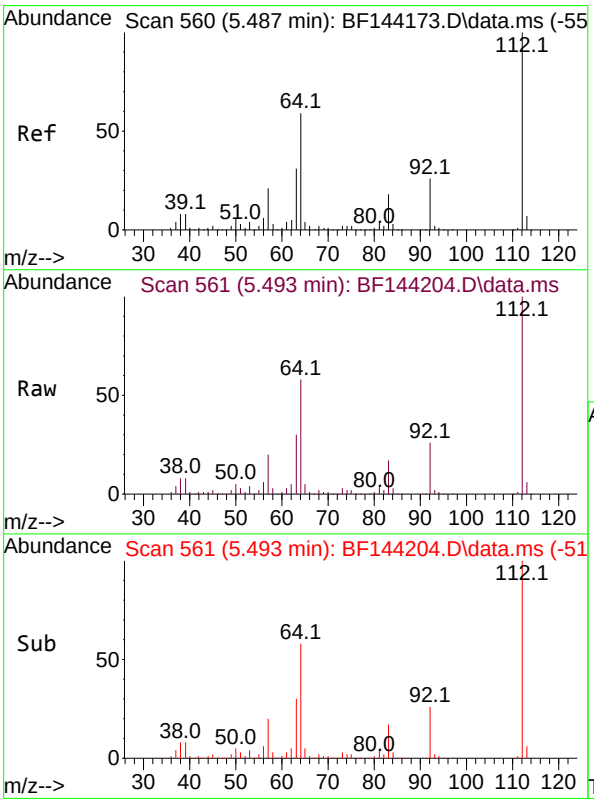
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:152 Resp: 54285

Ion	Ratio	Lower	Upper
152	100		
150	163.1	127.4	191.0
115	60.7	49.5	74.3

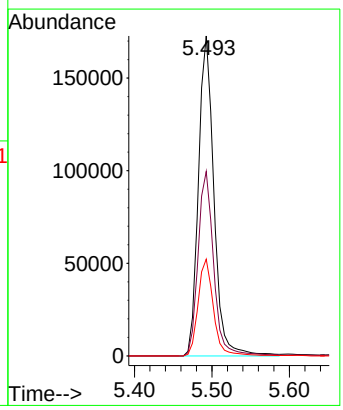


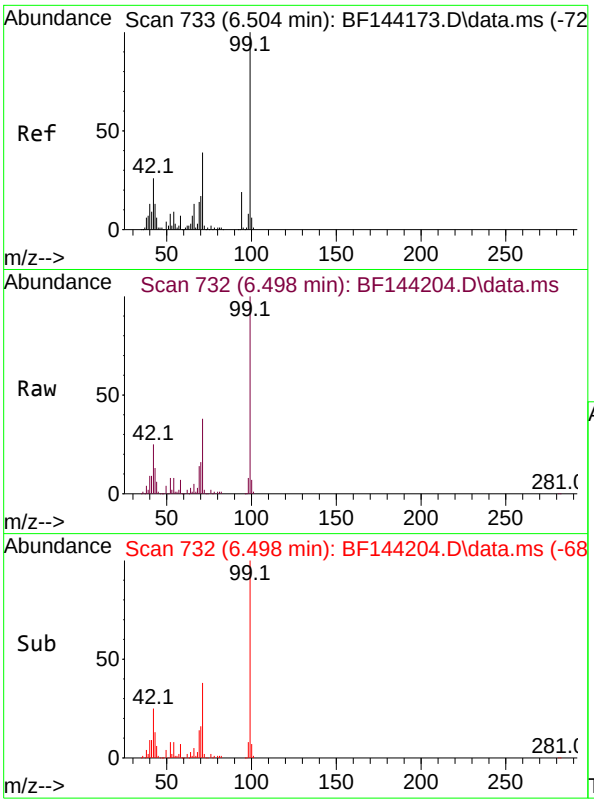


#5
2-Fluorophenol
Concen: 69.229 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:112 Resp: 240153

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.2	70.8
63	30.2	24.4	36.6



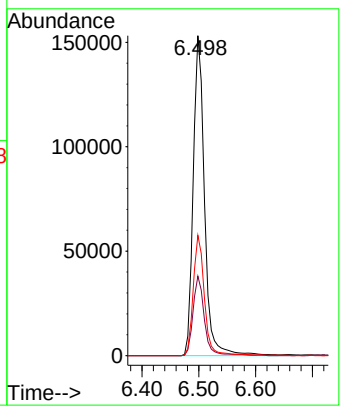


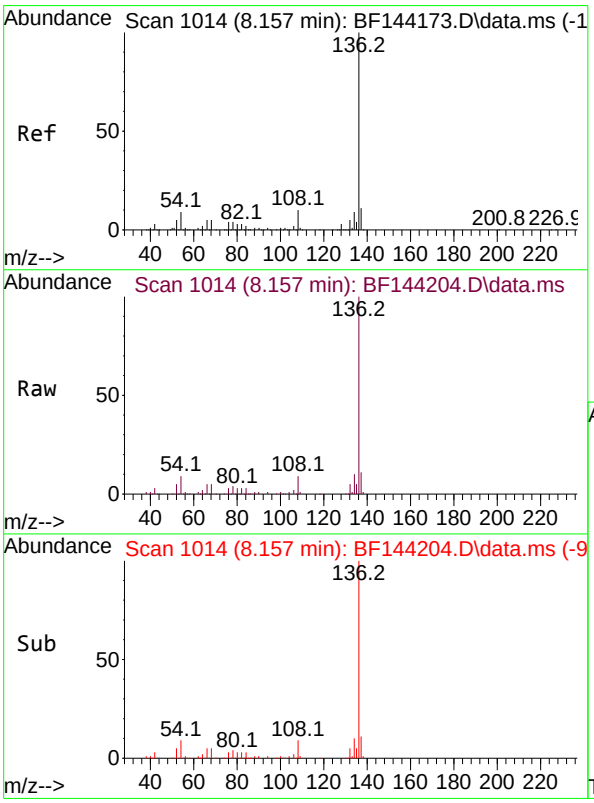
#7
Phenol-d6
Concen: 53.760 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion: 99 Resp: 211309

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.9	31.3
71	37.6	31.4	47.2

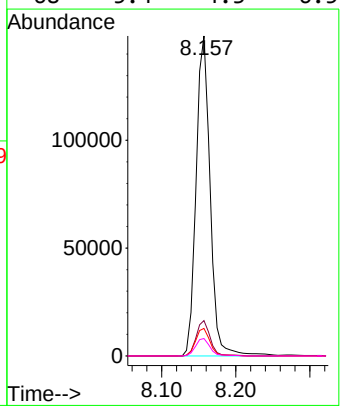


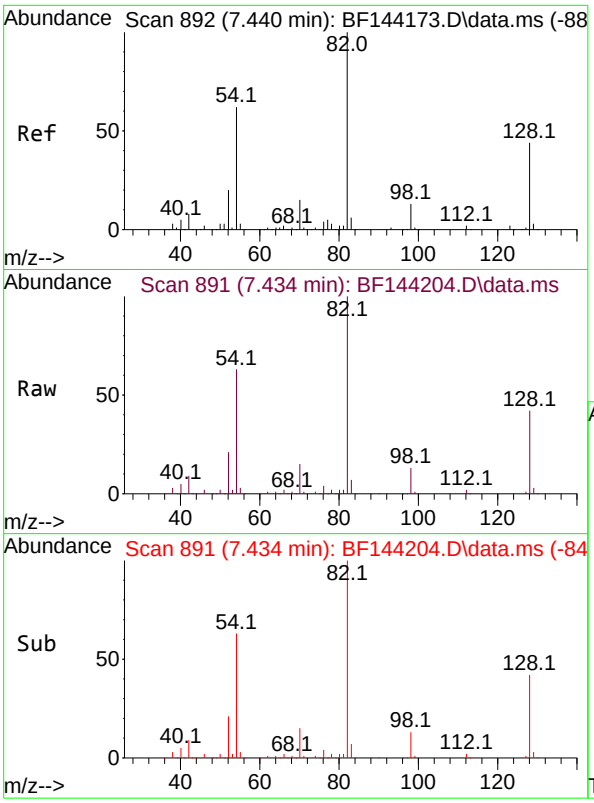


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:136 Resp: 195487

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	7.0	10.6
68	5.4	4.3	6.5



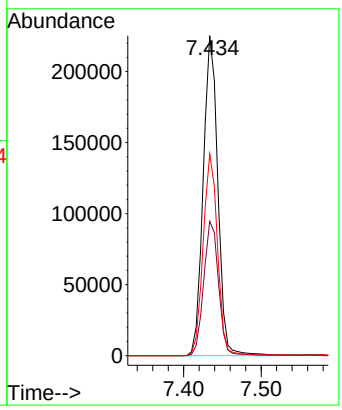


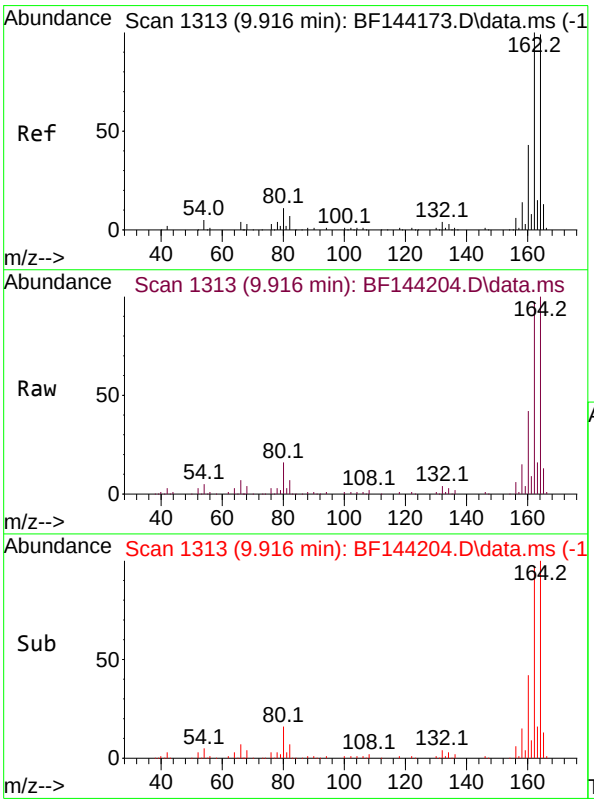
#23
Nitrobenzene-d5
Concen: 87.272 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion: 82 Resp: 295394

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	63.0	49.5	74.3

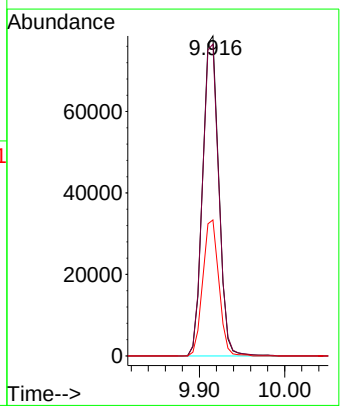


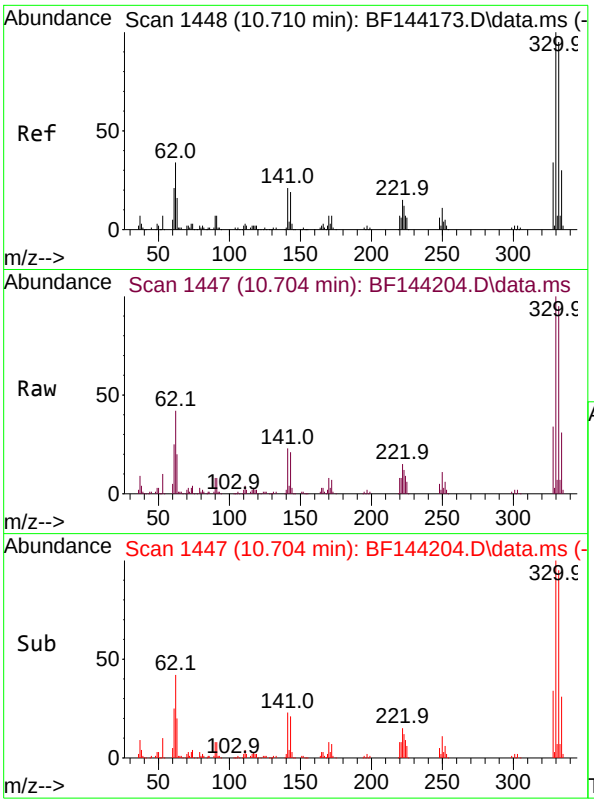


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:164 Resp: 102900

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.1	121.7
160	42.5	34.5	51.7



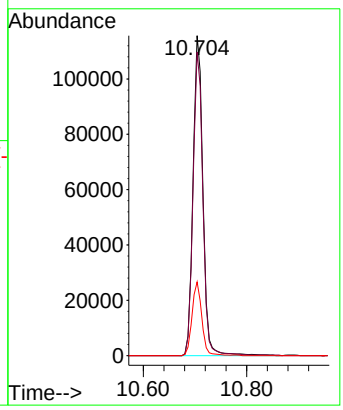


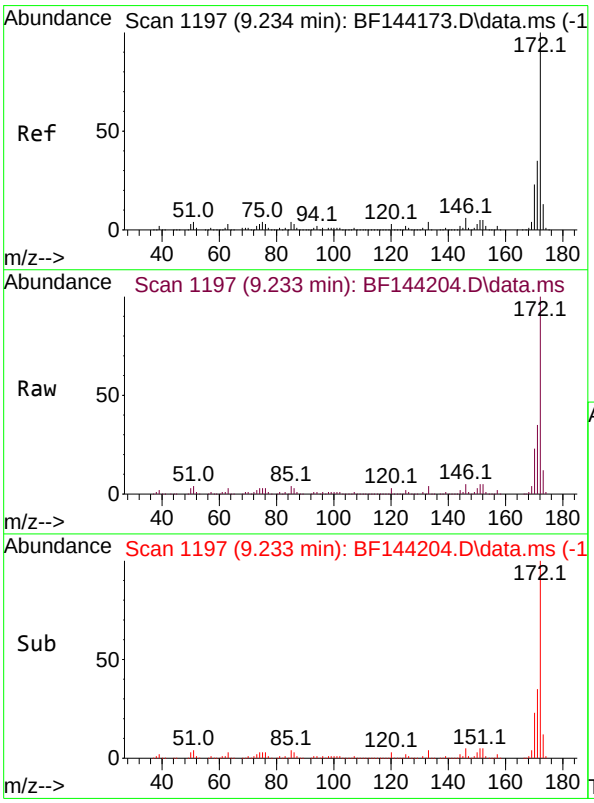
#42
2,4,6-Tribromophenol
Concen: 118.559 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:330 Resp: 153092

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	22.7	17.8	26.8

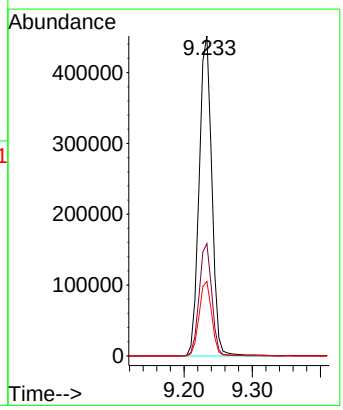


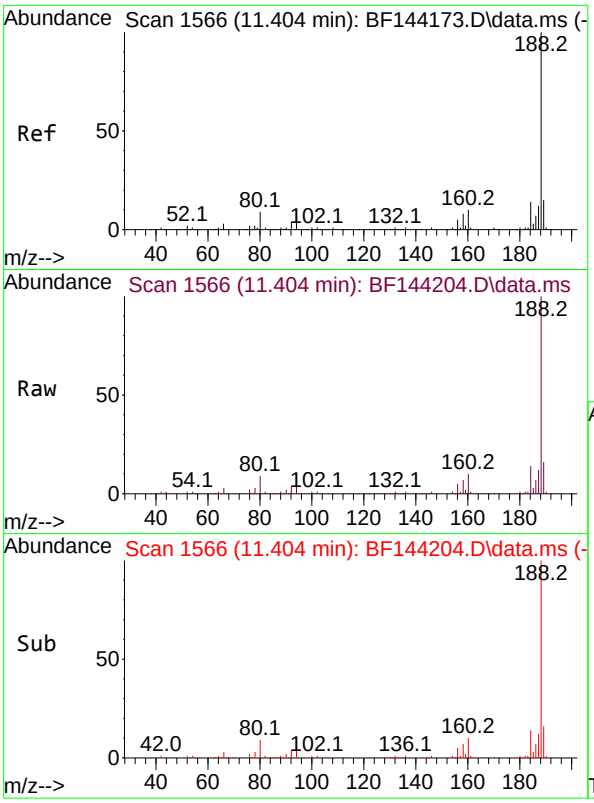


#45
2-Fluorobiphenyl
Concen: 84.079 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:172 Resp: 585790

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.6	28.0



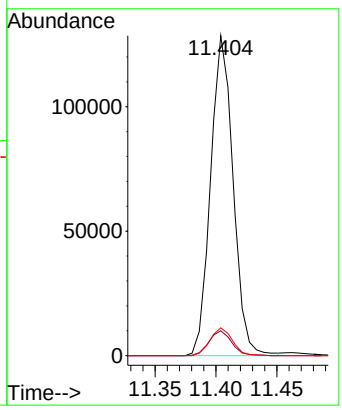


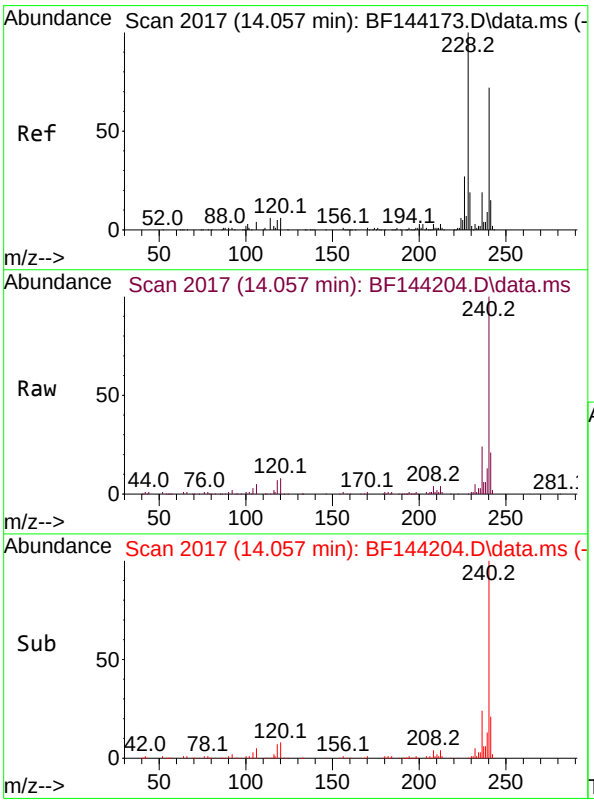
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:188 Resp: 165829

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.7	6.9	10.3

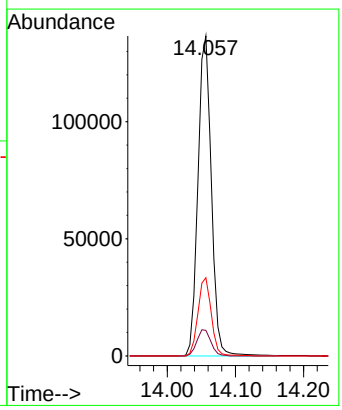


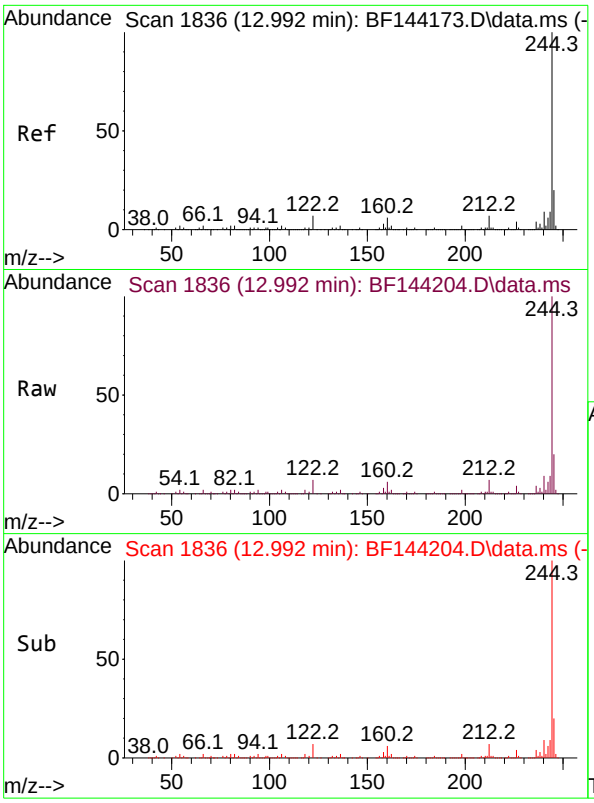


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:240 Resp: 186431

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	24.4	21.4	32.2



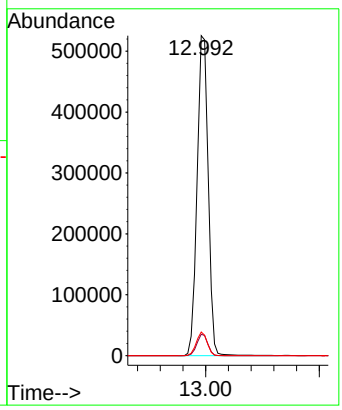


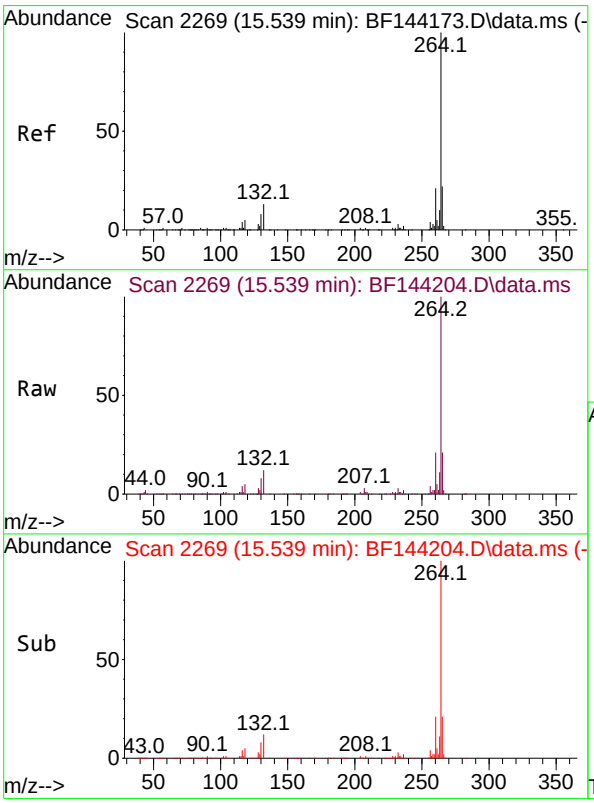
#79
Terphenyl-d14
Concen: 60.390 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion:244 Resp: 708798

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	7.4	5.6	8.4

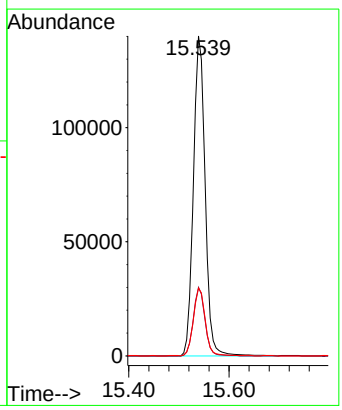




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:264 Resp: 227605

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.1	25.7
265	21.2	17.4	26.0



Sample Results: **BF144204.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-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: BF144204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	573	rBV	607908	835868	49.03%	8.990%
2	6.498	727	732	757	rBV	473187	652796	38.29%	7.021%
3	6.875	791	796	808	rVB	252942	322581	18.92%	3.469%
4	7.434	885	891	904	rBV	707073	925240	54.27%	9.951%
5	8.157	1009	1014	1029	rBV	297592	389086	22.82%	4.185%
6	9.233	1191	1197	1207	rBV	1237130	1601042	93.91%	17.220%
7	9.916	1307	1313	1326	rVB	311651	412897	24.22%	4.441%
8	10.328	1379	1383	1388	rVB	20042	23695	1.39%	0.255%
9	10.628	1429	1434	1442	rBV	30223	39252	2.30%	0.422%
10	10.704	1442	1447	1459	rBV	762623	987022	57.90%	10.616%
11	11.404	1561	1566	1573	rBV	300610	384033	22.53%	4.130%
12	11.927	1651	1655	1666	rBV7	10502	21127	1.24%	0.227%
13	12.992	1831	1836	1842	rBV	1283612	1704834	100.00%	18.336%
14	14.057	2009	2017	2024	rBV	340780	465218	27.29%	5.004%
15	15.539	2263	2269	2283	rBV	330139	533138	31.27%	5.734%

Sum of corrected areas: 9297829

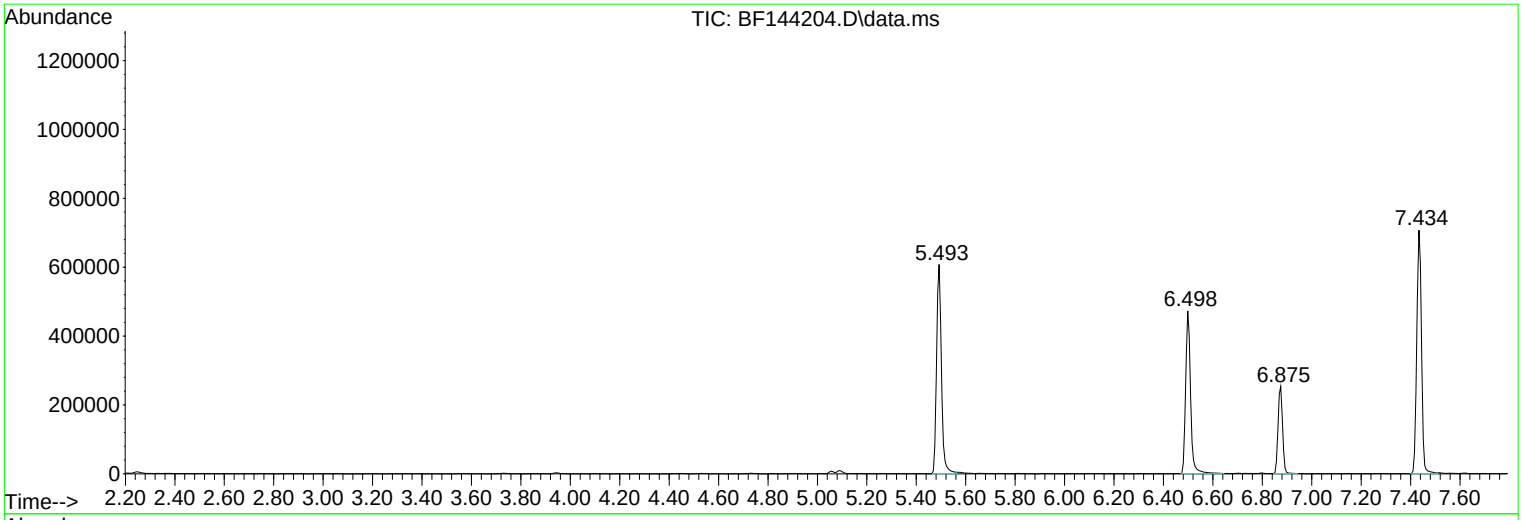
Sample Results: **BF144204.D**

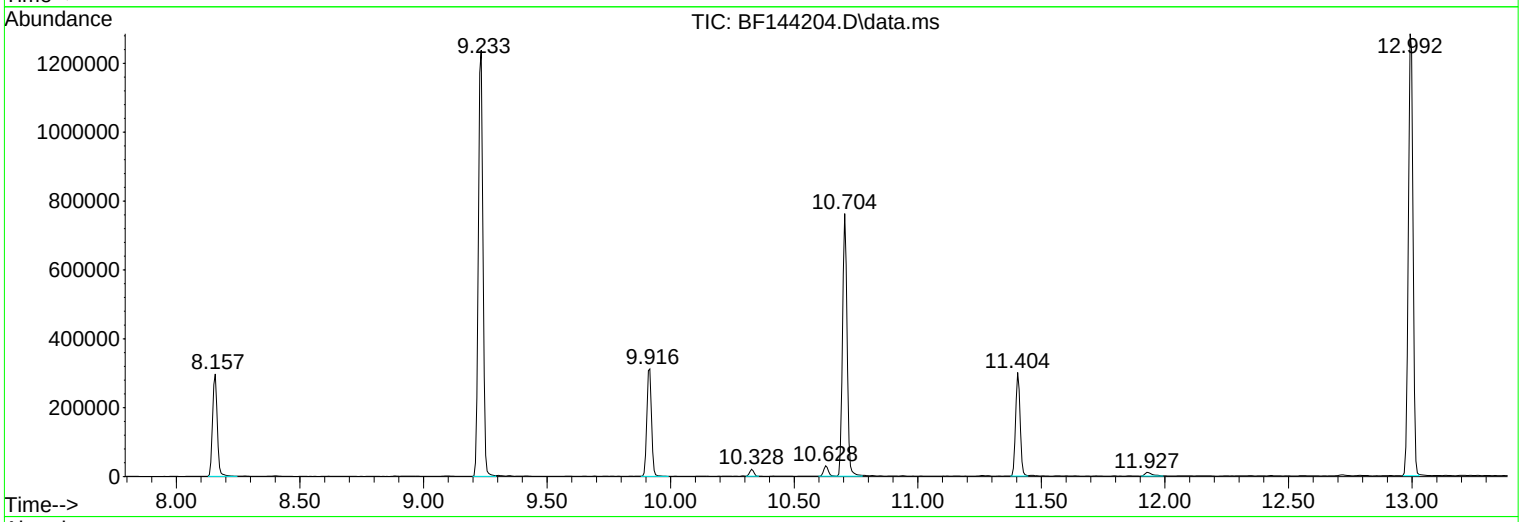
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

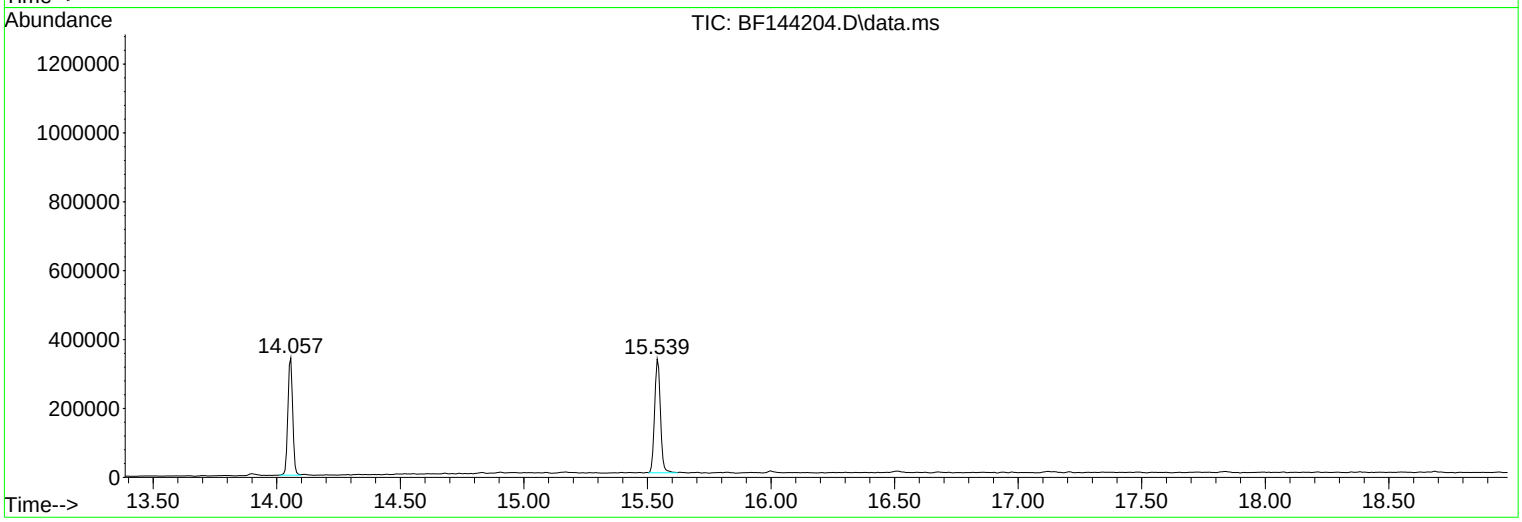
Instrument :
BNA_F
ClientSampleId :
SW-3

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







Library Search Compound Report

Sample Results: **BF144204.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Time: Nov 11 16:27:29 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

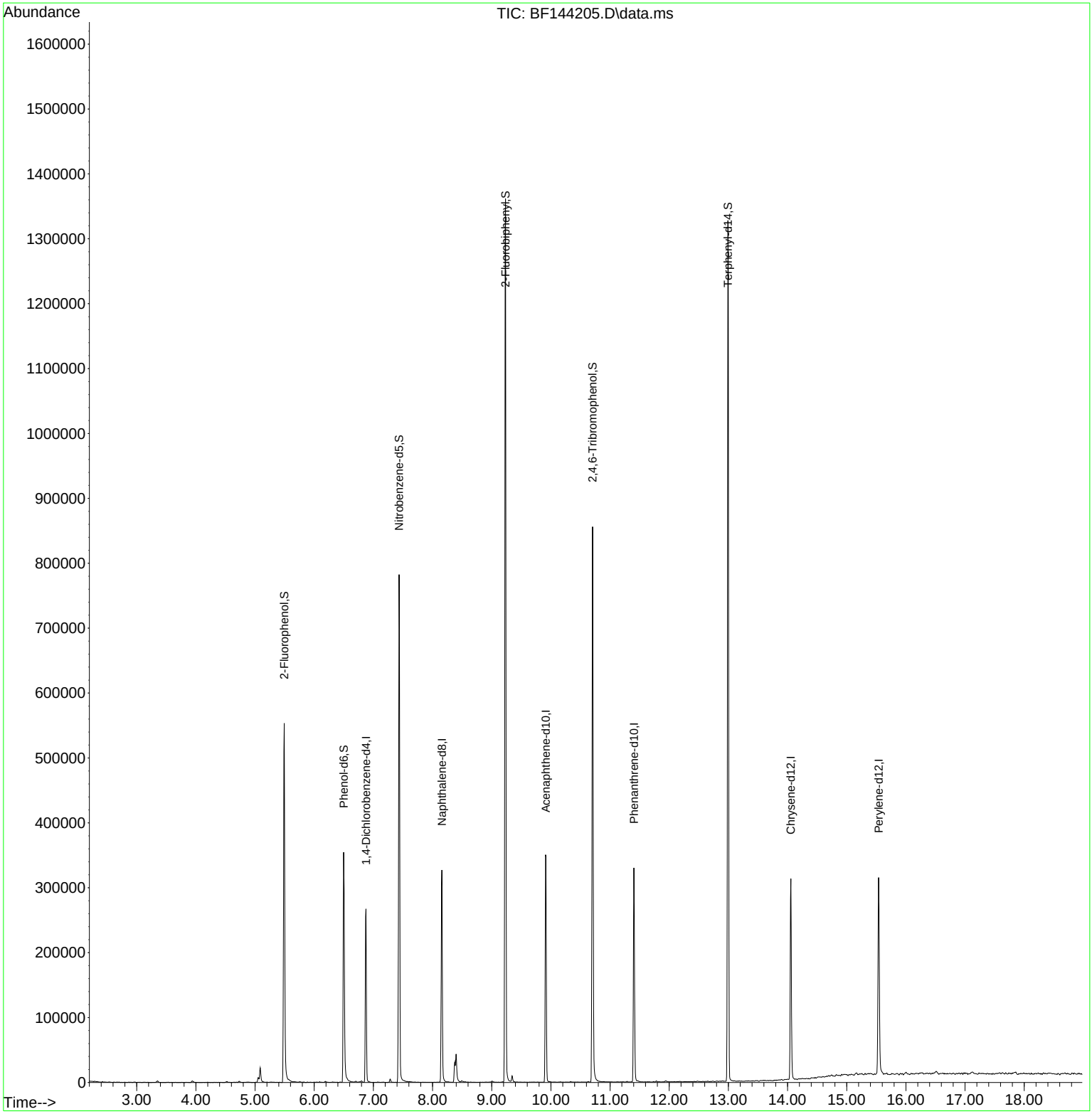
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58254	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	216777	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	114918	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	186847	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165680	20.000	ng	0.00
86) Perylene-d12	15.539	264	209451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	229143	61.555	ng	0.00
7) Phenol-d6	6.498	99	162660	38.563	ng	0.00
23) Nitrobenzene-d5	7.434	82	325762	86.791	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169687	117.668	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	647178	83.176	ng	0.00
79) Terphenyl-d14	12.992	244	710957	68.161	ng	0.00
Target Compounds						Qvalue

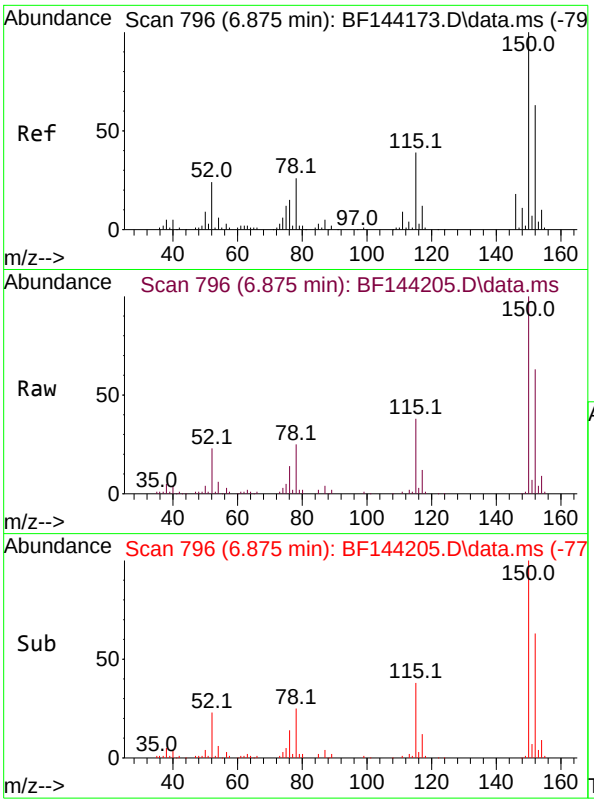
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Time: Nov 11 16:27:29 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



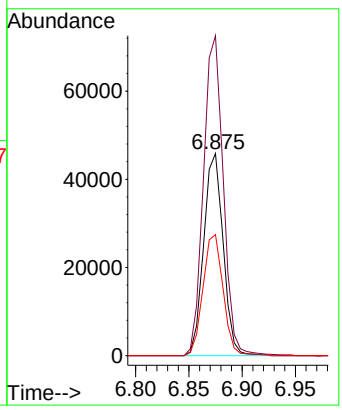


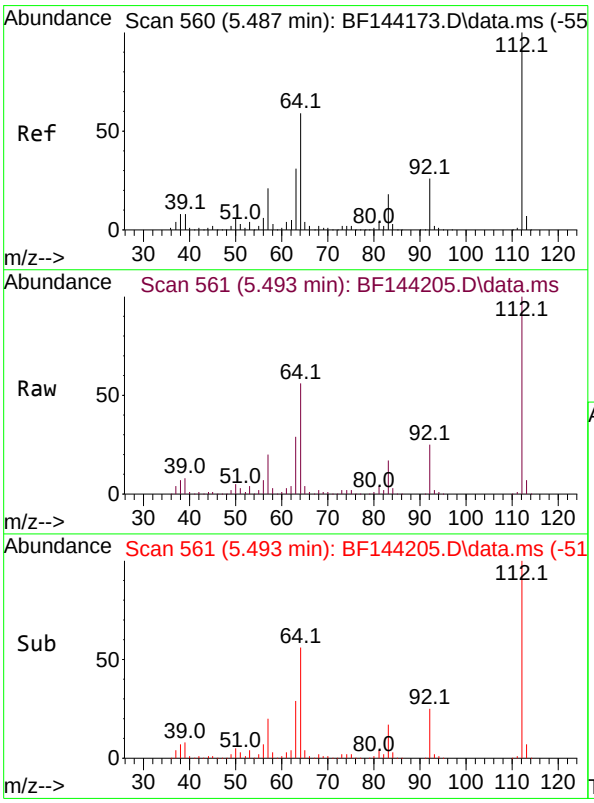
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 58254

Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.4	191.0
115	59.9	49.5	74.3

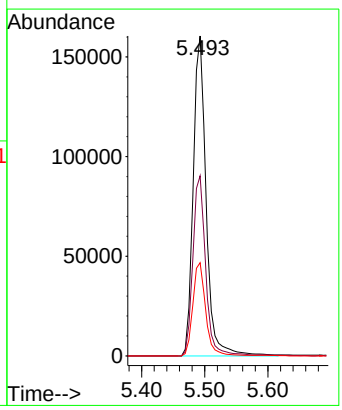


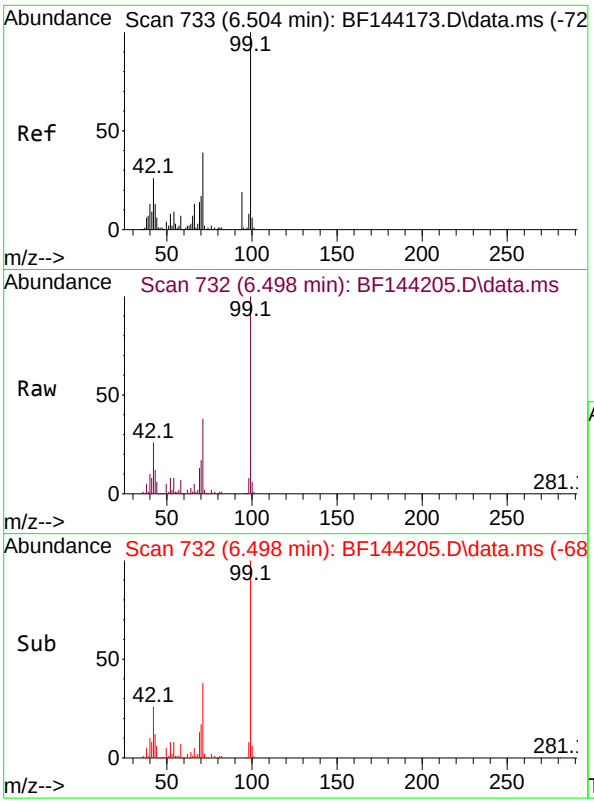


#5
2-Fluorophenol
Concen: 61.555 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:112 Resp: 229143

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.2	70.8
63	29.1	24.4	36.6



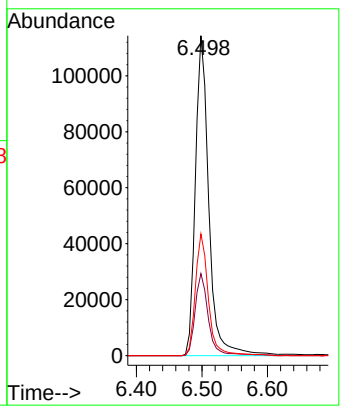


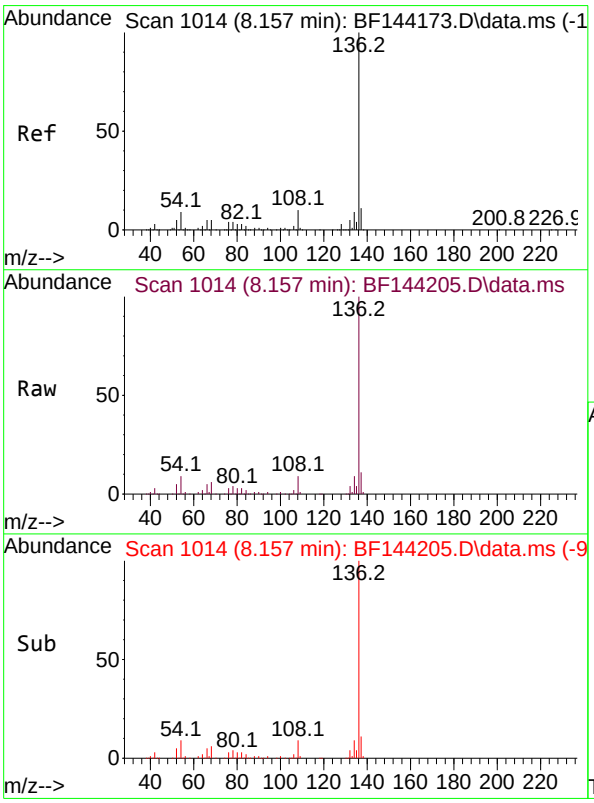
#7
Phenol-d6
Concen: 38.563 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion: 99 Resp: 162660

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.9	31.3
71	38.0	31.4	47.2

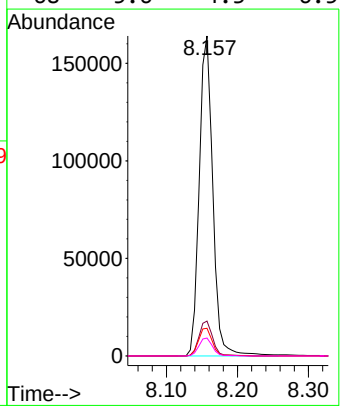


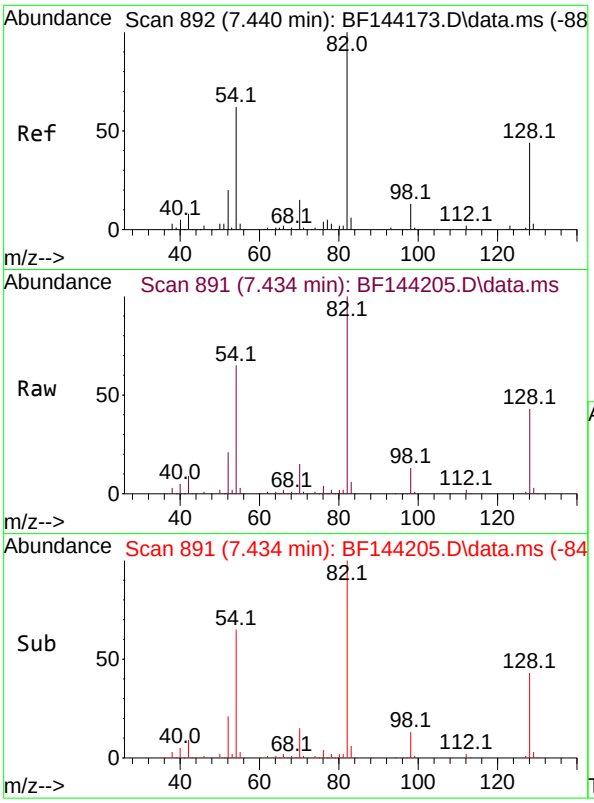


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:136 Resp: 216777

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	5.6	4.3	6.5



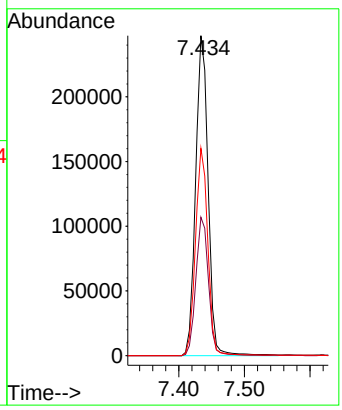


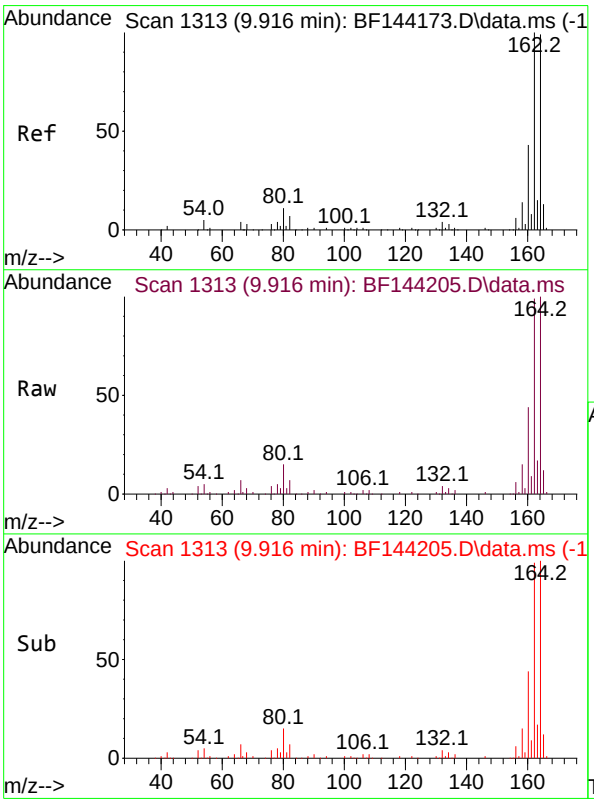
#23
Nitrobenzene-d5
Concen: 86.791 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion: 82 Resp: 325762

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.7	52.1
54	64.8	49.5	74.3

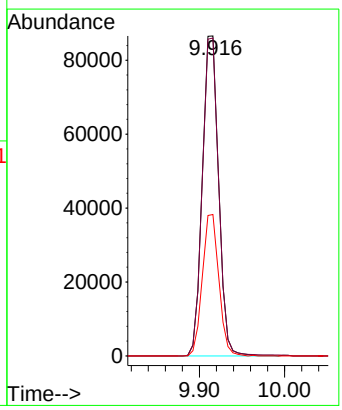


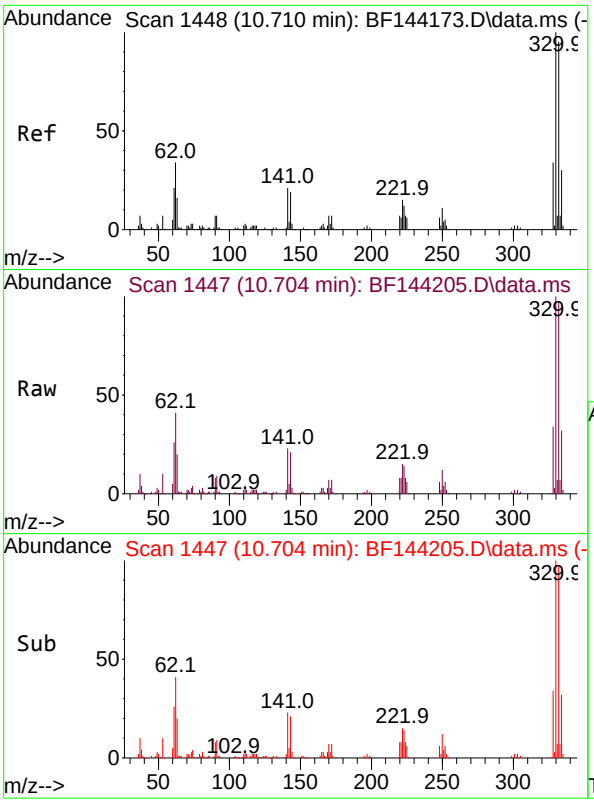


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:164 Resp: 114918

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.1	121.7
160	44.2	34.5	51.7



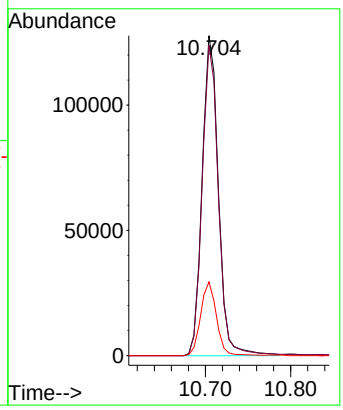


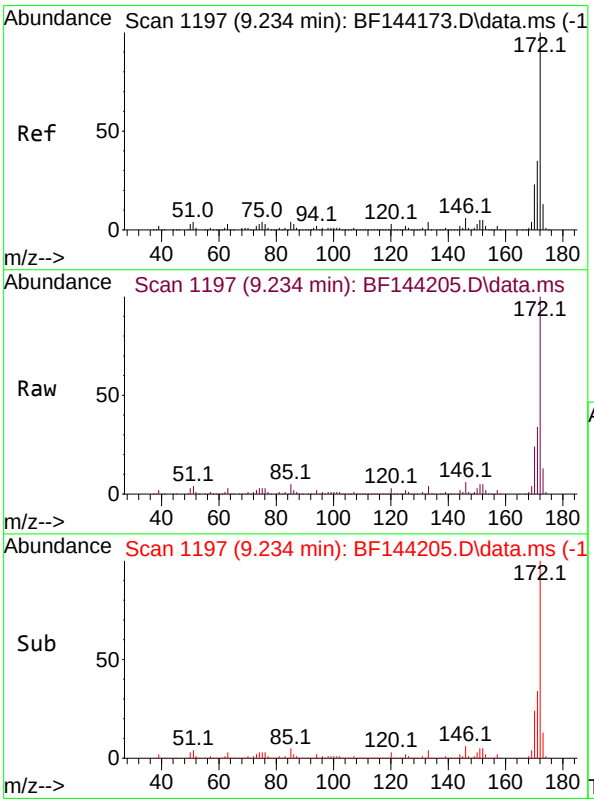
#42
2,4,6-Tribromophenol
Concen: 117.668 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:330 Resp: 169687

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	22.3	17.8	26.8

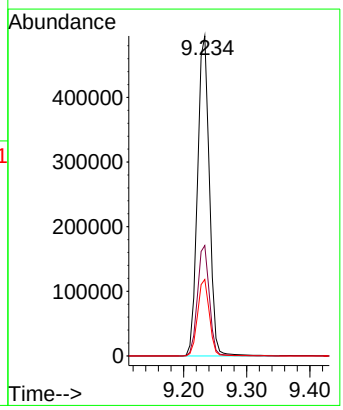


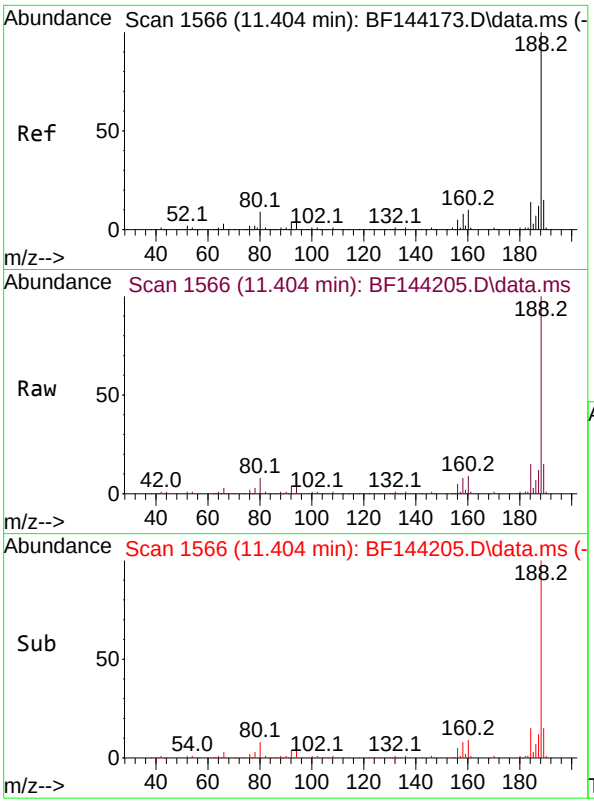


#45
2-Fluorobiphenyl
Concen: 83.176 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:172 Resp: 647178

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.9	18.6	28.0



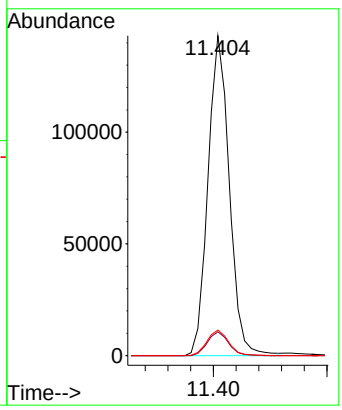


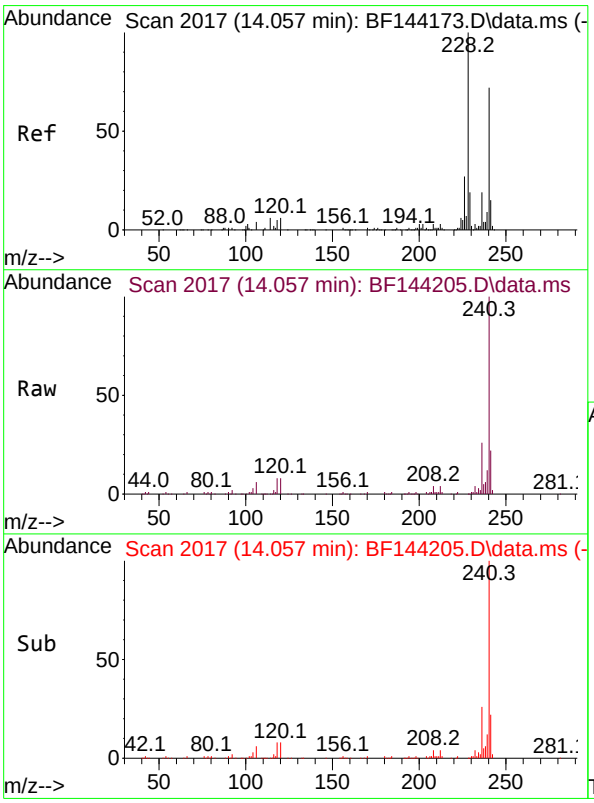
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:188 Resp: 186847

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	8.0	6.9	10.3

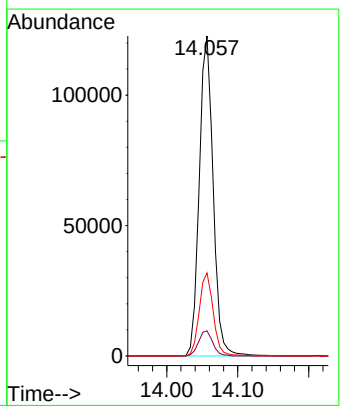


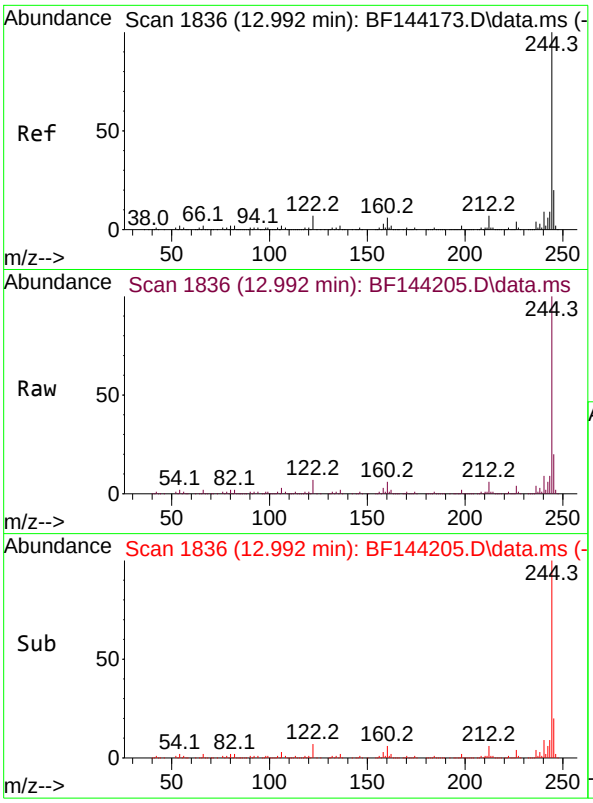


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:240 Resp: 165680

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.9	21.4	32.2



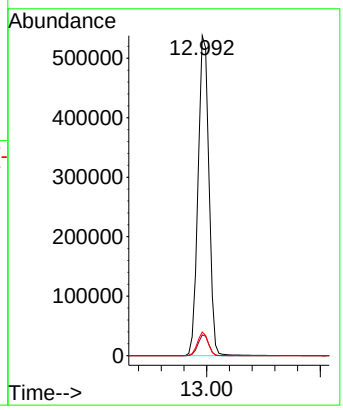


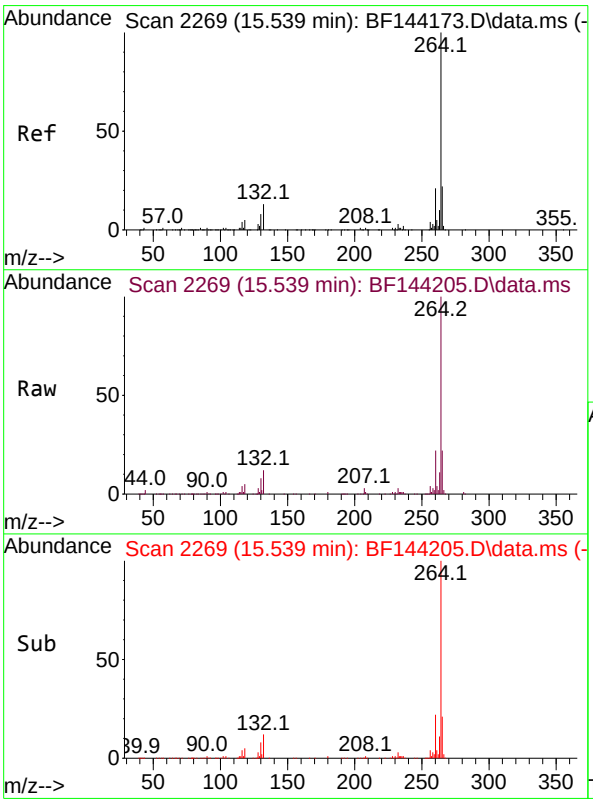
#79
Terphenyl-d14
Concen: 68.161 ng
RT: 12.992 min Scan# 18
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:244 Resp: 710957

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	7.4	5.6	8.4

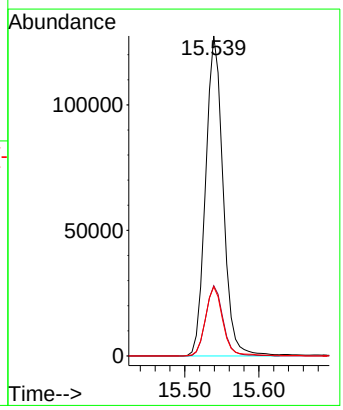




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:264 Resp: 209451

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.1	25.7
265	21.6	17.4	26.0



Sample Results: **BF144205.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	499	rVB	21388	30036	1.69%	0.312%
2	5.493	555	561	573	rBV	553380	780840	43.90%	8.117%
3	6.498	727	732	756	rBV	354493	499462	28.08%	5.192%
4	6.875	791	796	805	rBV	267037	343079	19.29%	3.567%
5	7.434	886	891	908	rBV	782366	1028598	57.83%	10.693%
6	8.157	1009	1014	1028	rVB	326495	424443	23.86%	4.412%
7	8.375	1046	1051	1052	rBV	30646	36125	2.03%	0.376%
8	8.398	1052	1055	1065	rVB	42717	65035	3.66%	0.676%
9	9.234	1191	1197	1211	rBV	1361214	1778747	100.00%	18.491%
10	9.910	1307	1312	1321	rBV	350289	461696	25.96%	4.800%
11	10.704	1442	1447	1462	rBV	855720	1116585	62.77%	11.608%
12	11.404	1561	1566	1575	rBV	329625	427017	24.01%	4.439%
13	12.992	1831	1836	1842	rBV	1326052	1719811	96.69%	17.878%
14	14.057	2011	2017	2028	rBV	309247	413604	23.25%	4.300%
15	15.539	2263	2269	2283	rVB	303391	494375	27.79%	5.139%

Sum of corrected areas: 9619453

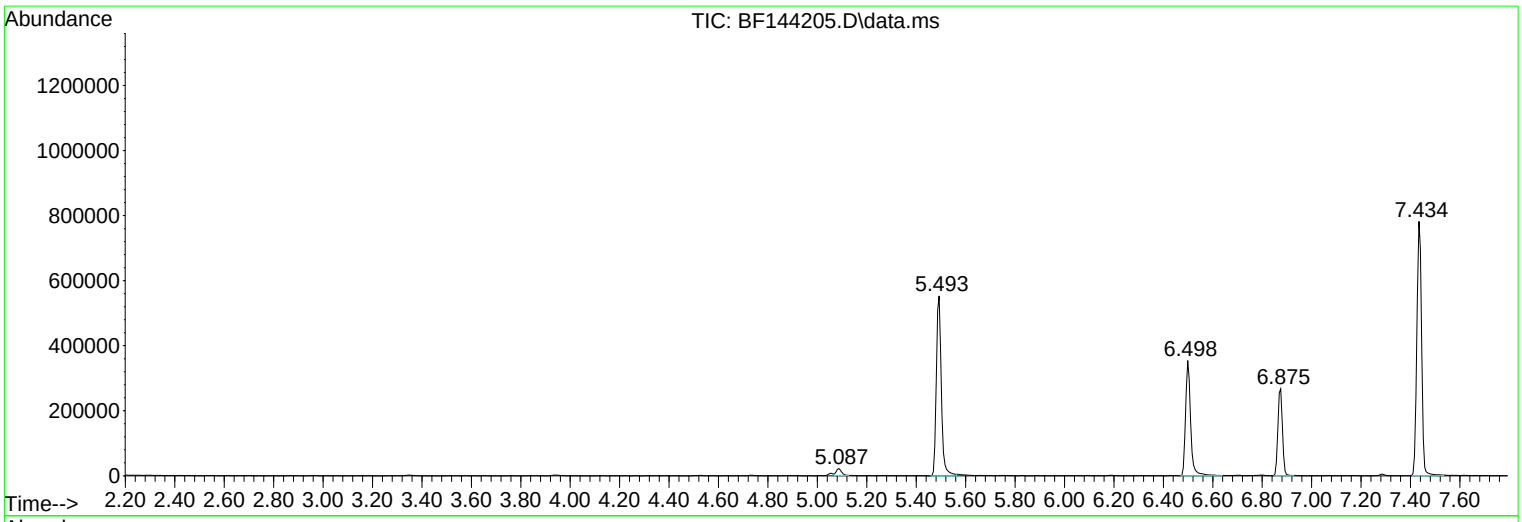
Sample Results: **BF144205.D**

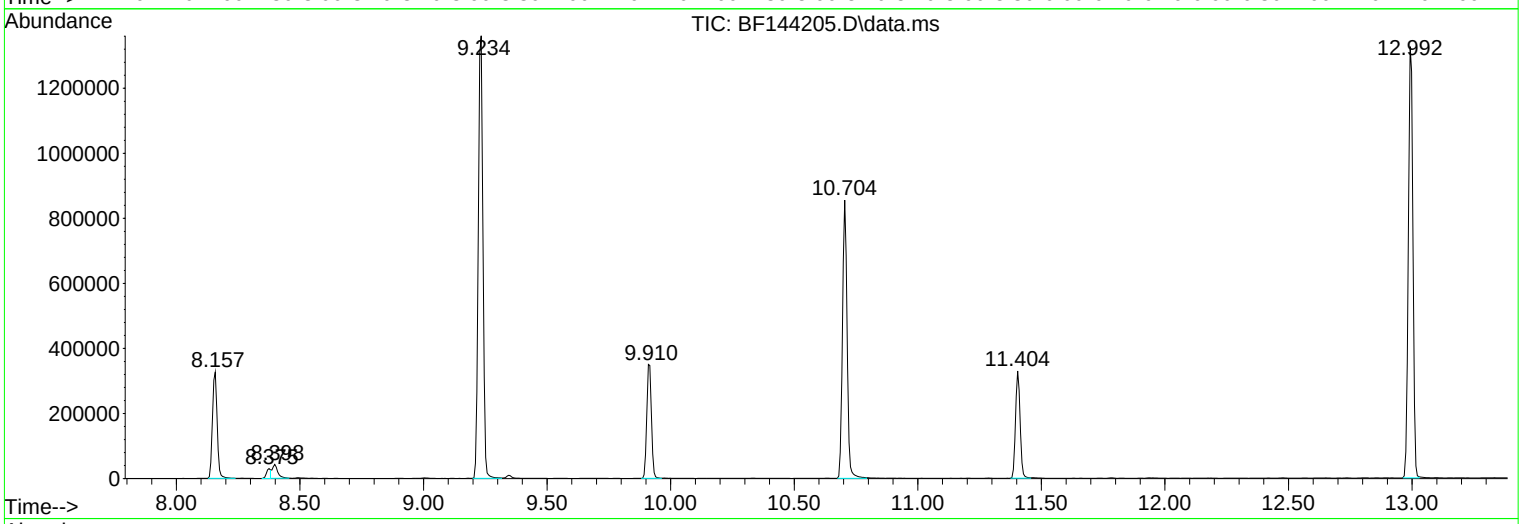
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

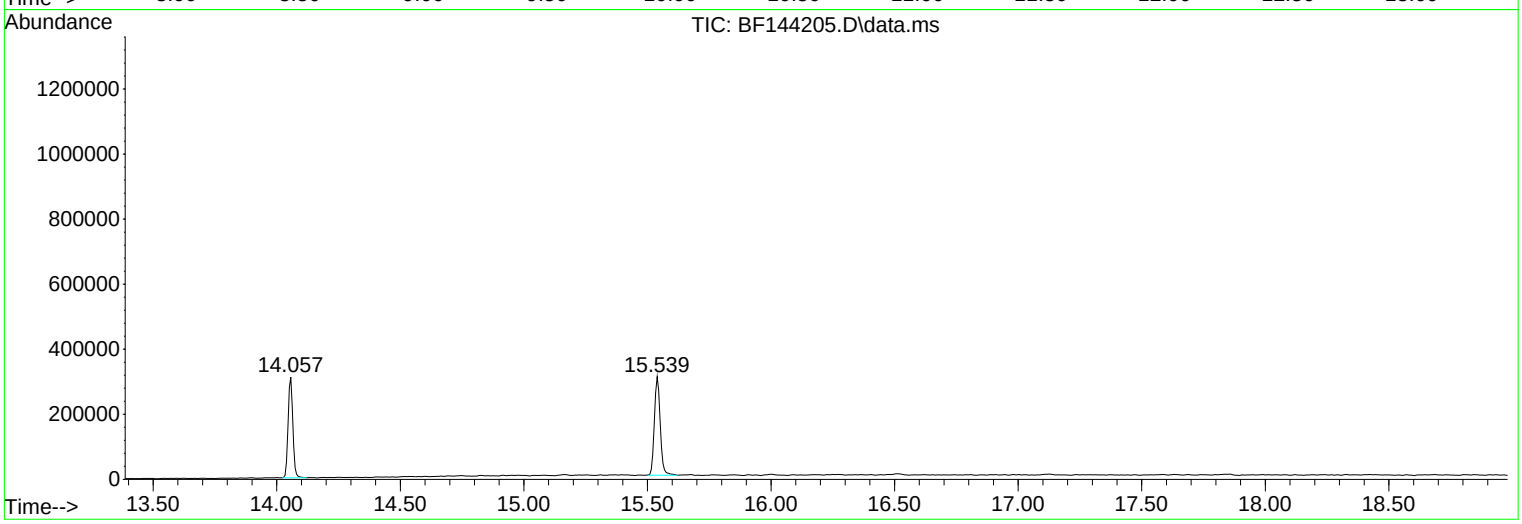
Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144205.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Time: Nov 11 14:59:28 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

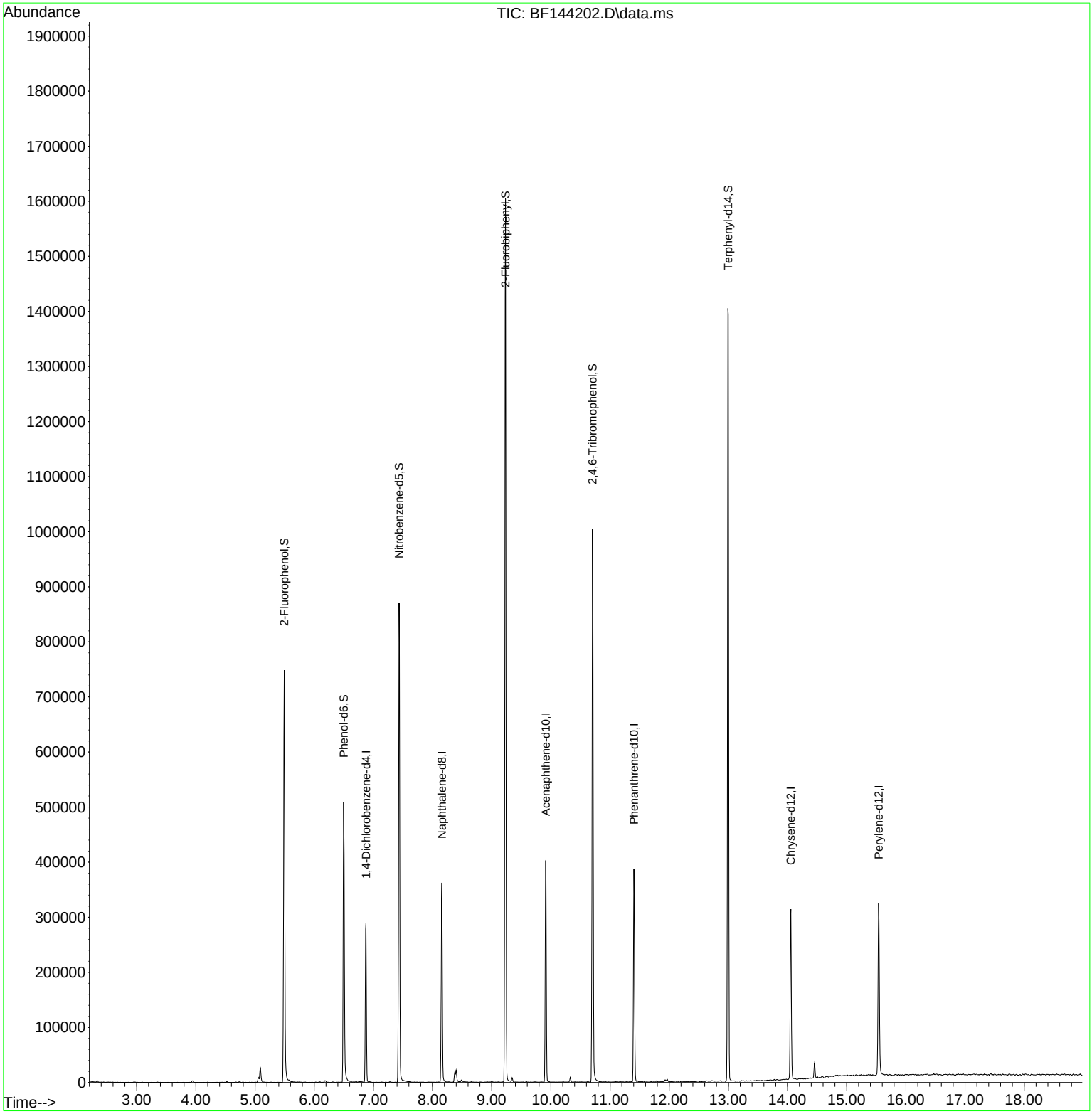
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239622	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129099	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	212852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168567	20.000	ng	0.00
86) Perylene-d12	15.539	264	214547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	292737	74.098	ng	0.00
7) Phenol-d6	6.498	99	225988	50.484	ng	0.00
23) Nitrobenzene-d5	7.433	82	371283	89.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	201560	124.416	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	743660	85.077	ng	0.00
79) Terphenyl-d14	12.998	244	776348	73.155	ng	0.00
Target Compounds						Qvalue

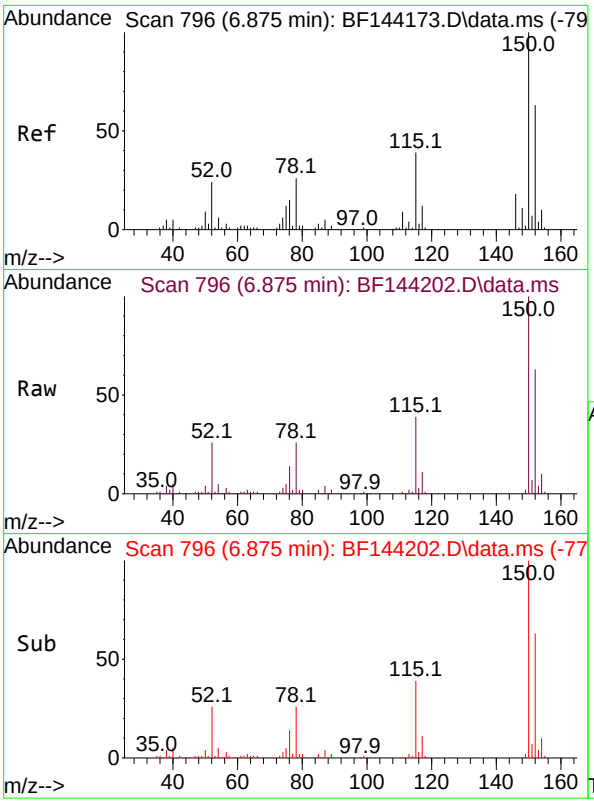
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Time: Nov 11 14:59:28 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



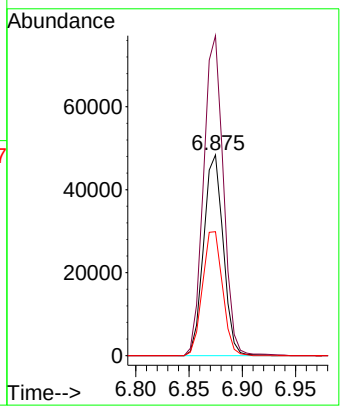


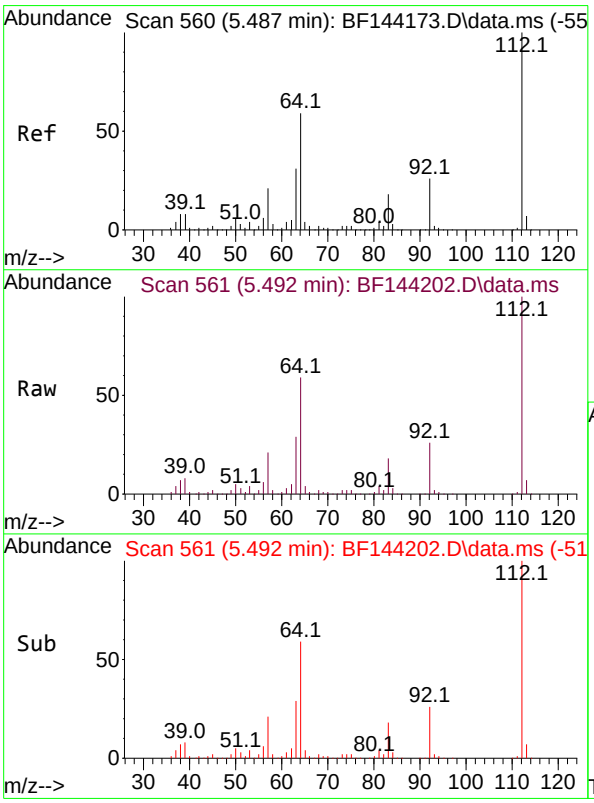
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:152 Resp: 61823

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.4	191.0
115	61.8	49.5	74.3

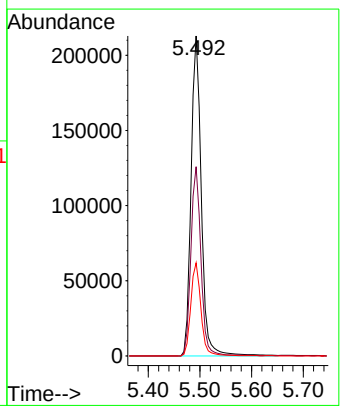


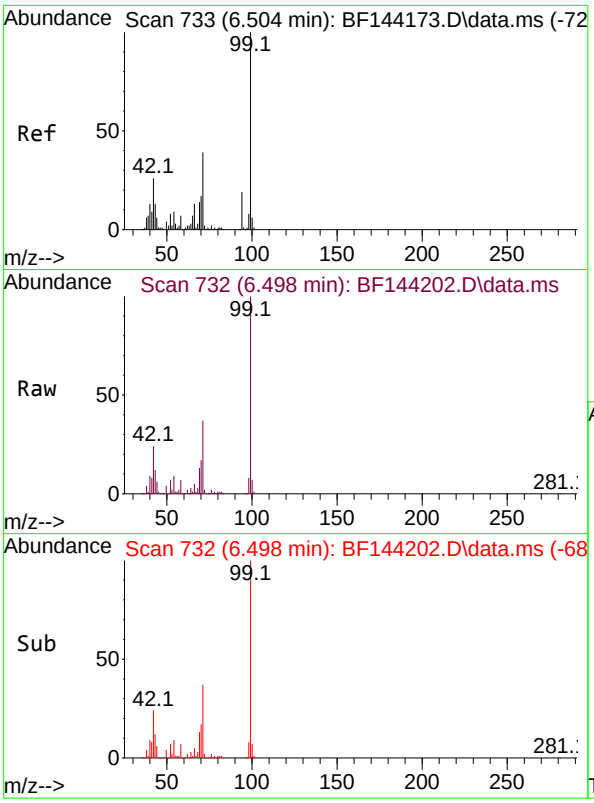


#5
2-Fluorophenol
Concen: 74.098 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:112 Resp: 292737

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.2	70.8
63	29.1	24.4	36.6



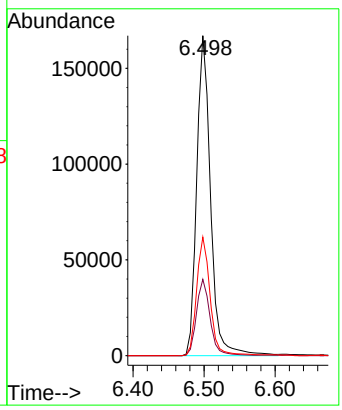


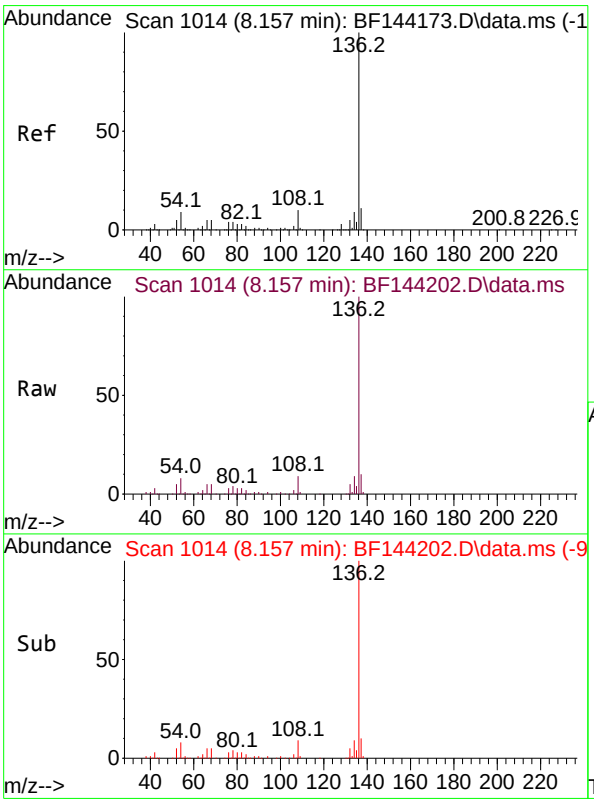
#7
Phenol-d6
Concen: 50.484 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion: 99 Resp: 225988

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.9	31.3
71	37.0	31.4	47.2

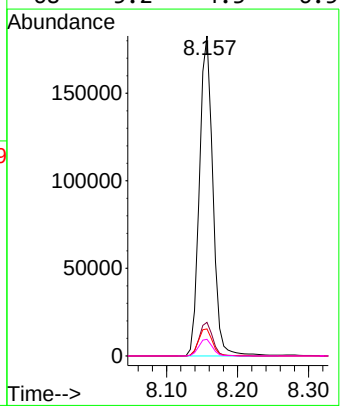


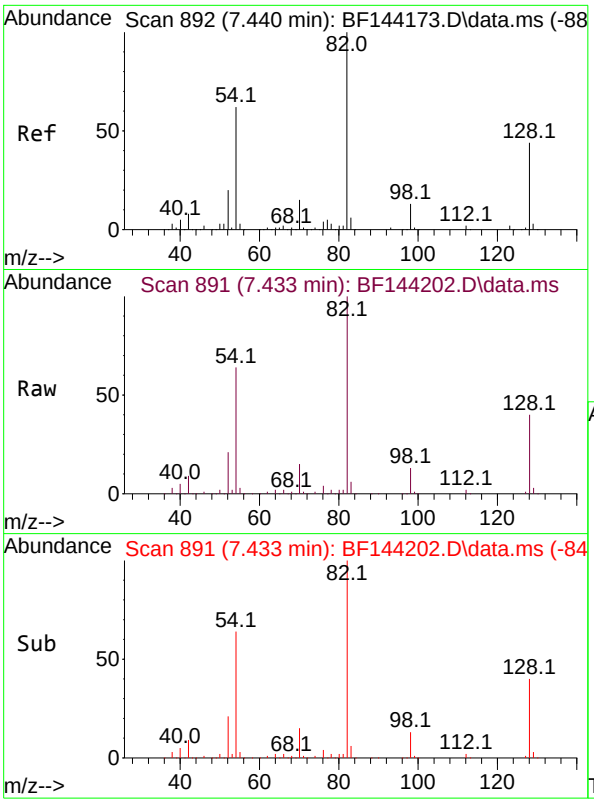


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:136 Resp: 239622

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.2	4.3	6.5



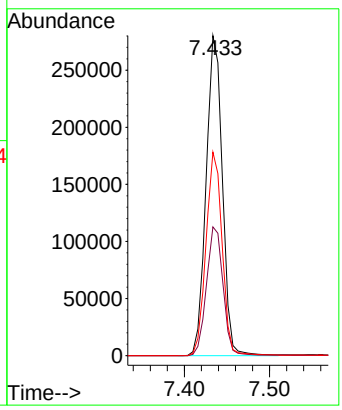


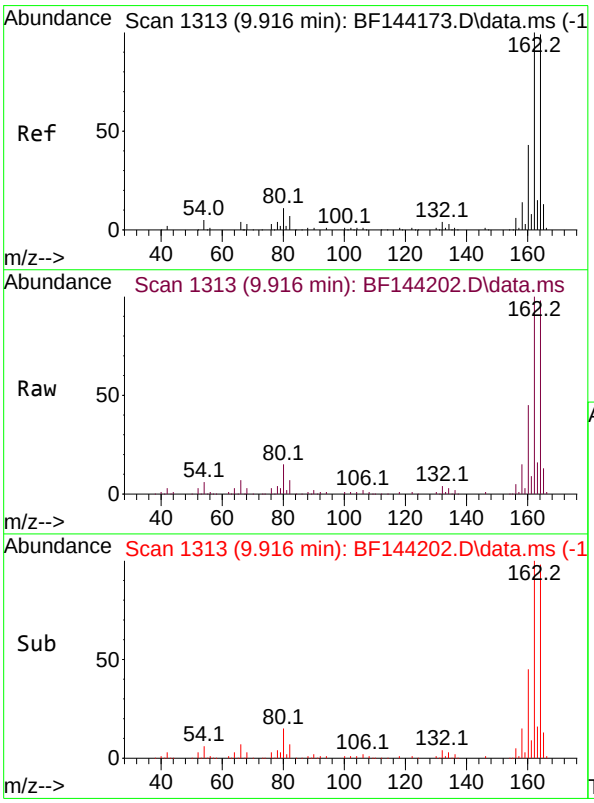
#23
Nitrobenzene-d5
Concen: 89.489 ng
RT: 7.433 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion: 82 Resp: 371283

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.7	52.1
54	63.6	49.5	74.3

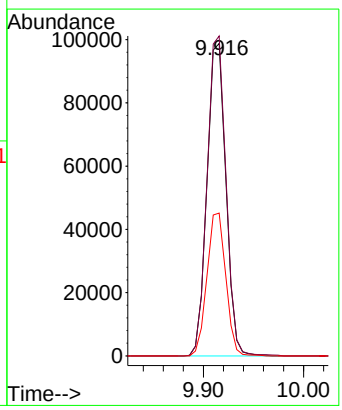


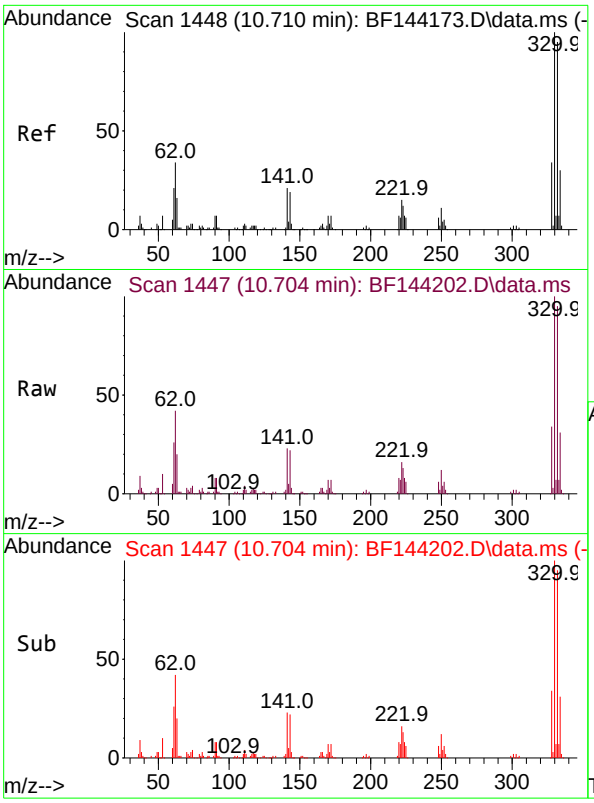


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:164 Resp: 129099

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	45.7	34.5	51.7



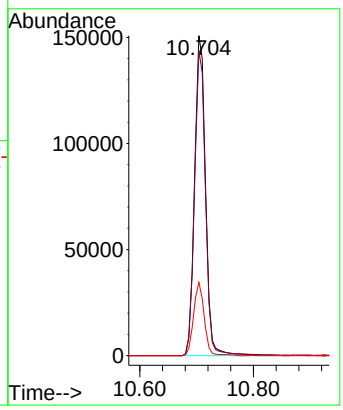


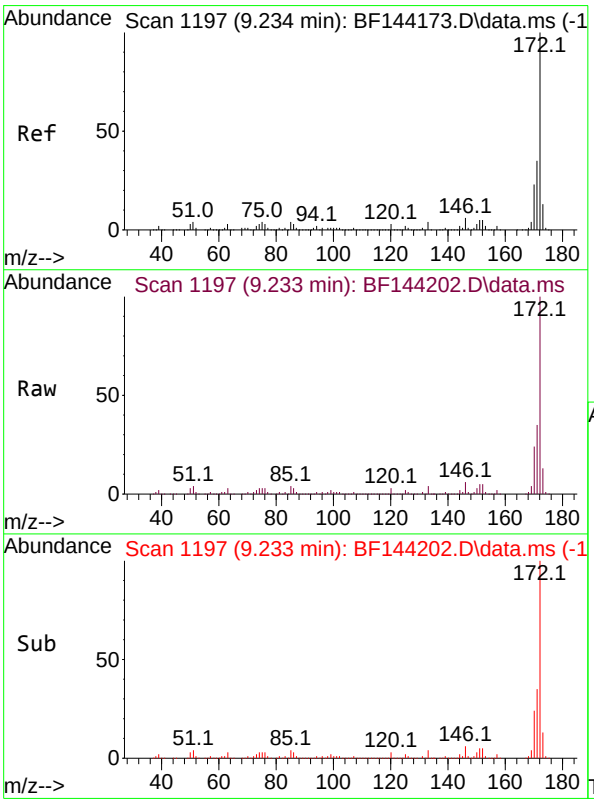
#42
2,4,6-Tribromophenol
Concen: 124.416 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:330 Resp: 201560

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.7	115.1
141	22.2	17.8	26.8

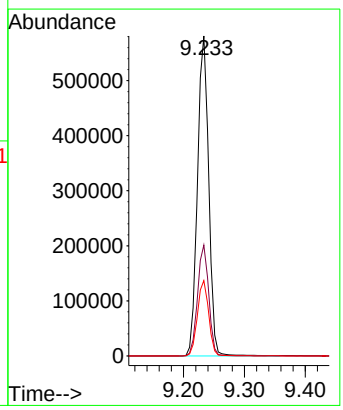


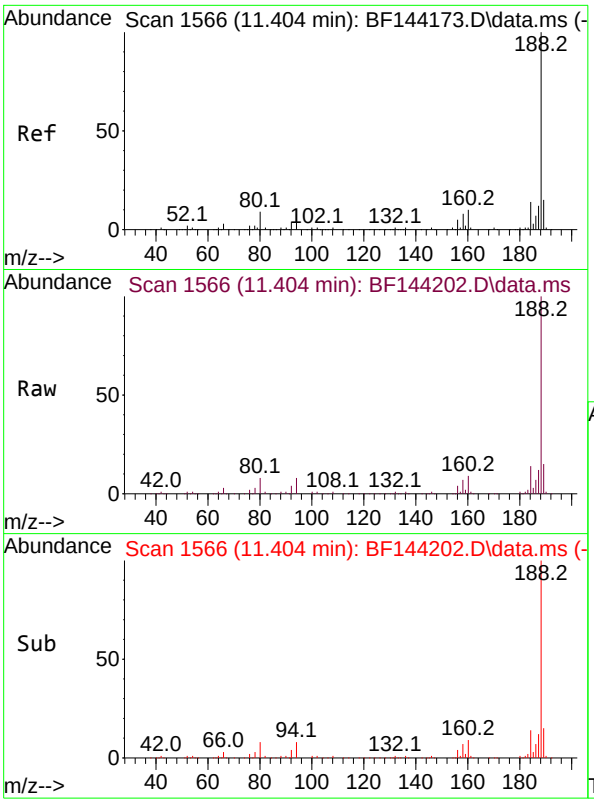


#45
2-Fluorobiphenyl
Concen: 85.077 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:172 Resp: 743660

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.5	18.6	28.0



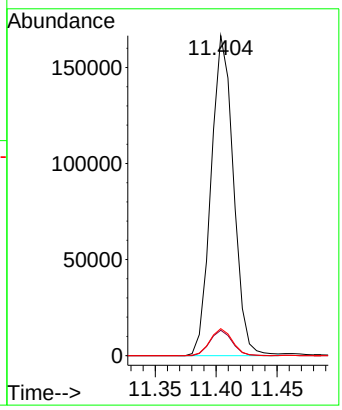


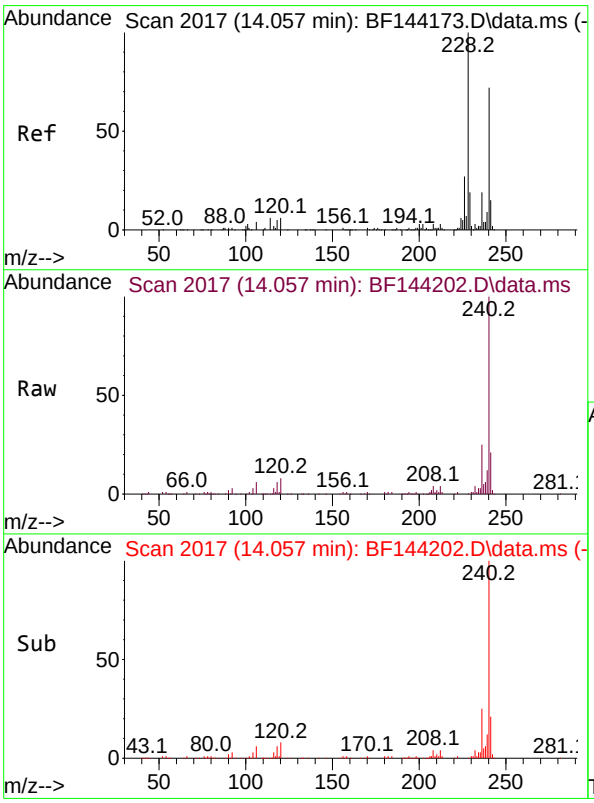
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:188 Resp: 212852

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.4	6.9	10.3

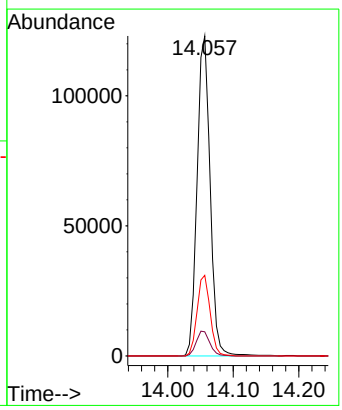


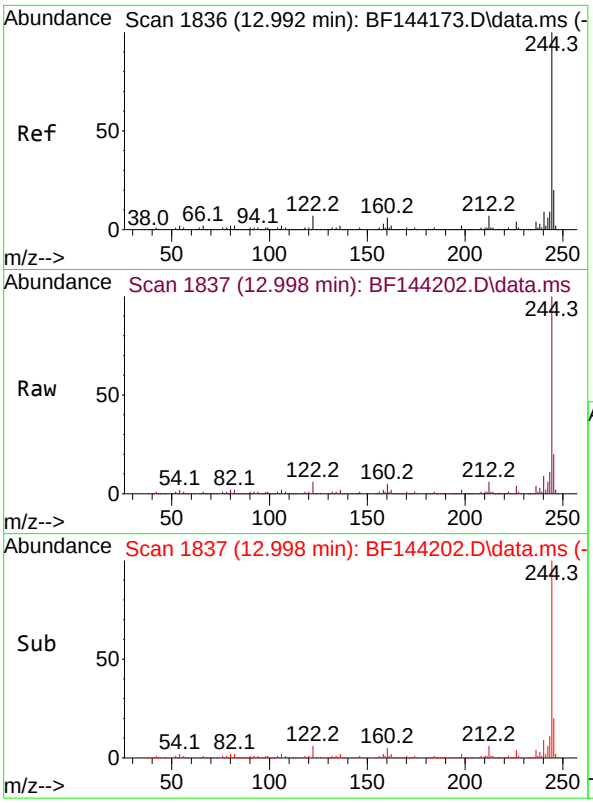


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:240 Resp: 168567

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	25.2	21.4	32.2



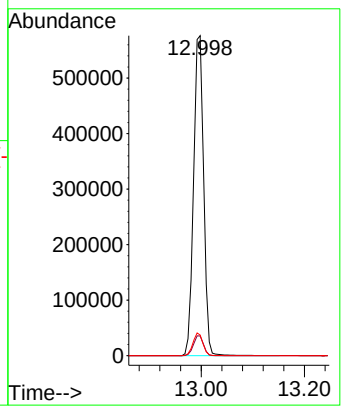


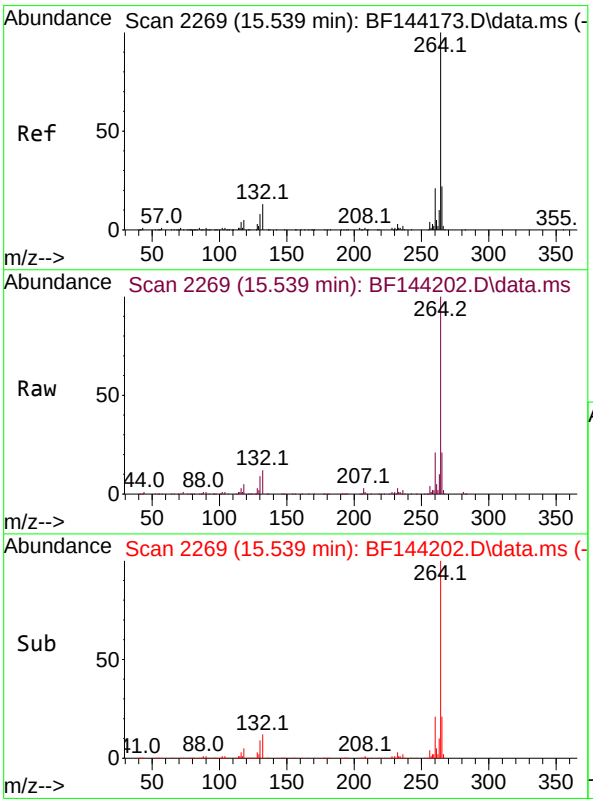
#79
Terphenyl-d14
Concen: 73.155 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Instrument :
BNA_F
ClientSampleId :
FB-2

Tgt Ion:244 Resp: 776348

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	6.4	5.6	8.4

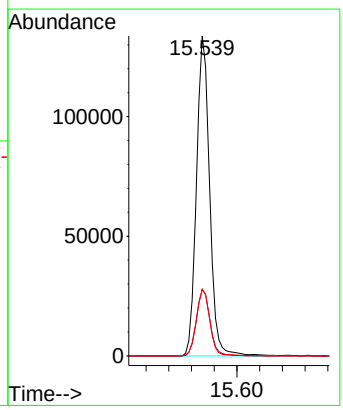




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion:264 Resp: 214547

Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.1	25.7
265	20.9	17.4	26.0



Sample Results: **BF144202.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	503	rVB	26852	40657	1.99%	0.370%
2	5.492	556	561	574	rBV	748094	1012528	49.65%	9.210%
3	6.498	727	732	751	rBV	509131	686540	33.66%	6.245%
4	6.875	791	796	803	rBV	288814	371459	18.21%	3.379%
5	7.433	885	891	902	rBV	870938	1154397	56.60%	10.501%
6	8.157	1008	1014	1029	rBV	362007	473153	23.20%	4.304%
7	8.375	1047	1051	1053	rBV	17795	25121	1.23%	0.229%
8	8.398	1053	1055	1062	rVB	21200	26921	1.32%	0.245%
9	9.233	1191	1197	1202	rBV	1603675	2039481	100.00%	18.552%
10	9.916	1307	1313	1321	rBV	402655	525722	25.78%	4.782%
11	10.704	1442	1447	1466	rBV	1004750	1310381	64.25%	11.920%
12	11.404	1561	1566	1573	rBV	386563	489922	24.02%	4.456%
13	12.992	1831	1836	1842	rBV	1403242	1879904	92.18%	17.100%
14	14.057	2009	2017	2025	rBV	309517	423772	20.78%	3.855%
15	14.457	2080	2085	2090	rBV2	26574	34988	1.72%	0.318%
16	15.539	2263	2269	2283	rBV	310800	498559	24.45%	4.535%

Sum of corrected areas: 10993505

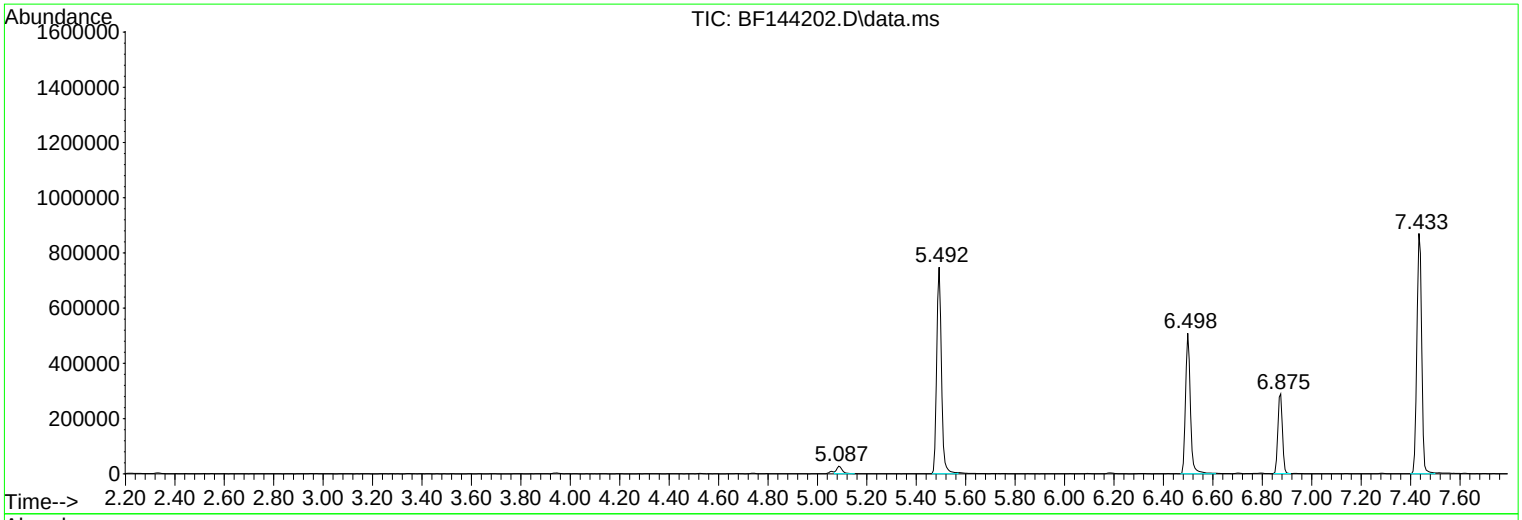
Sample Results: **BF144202.D**

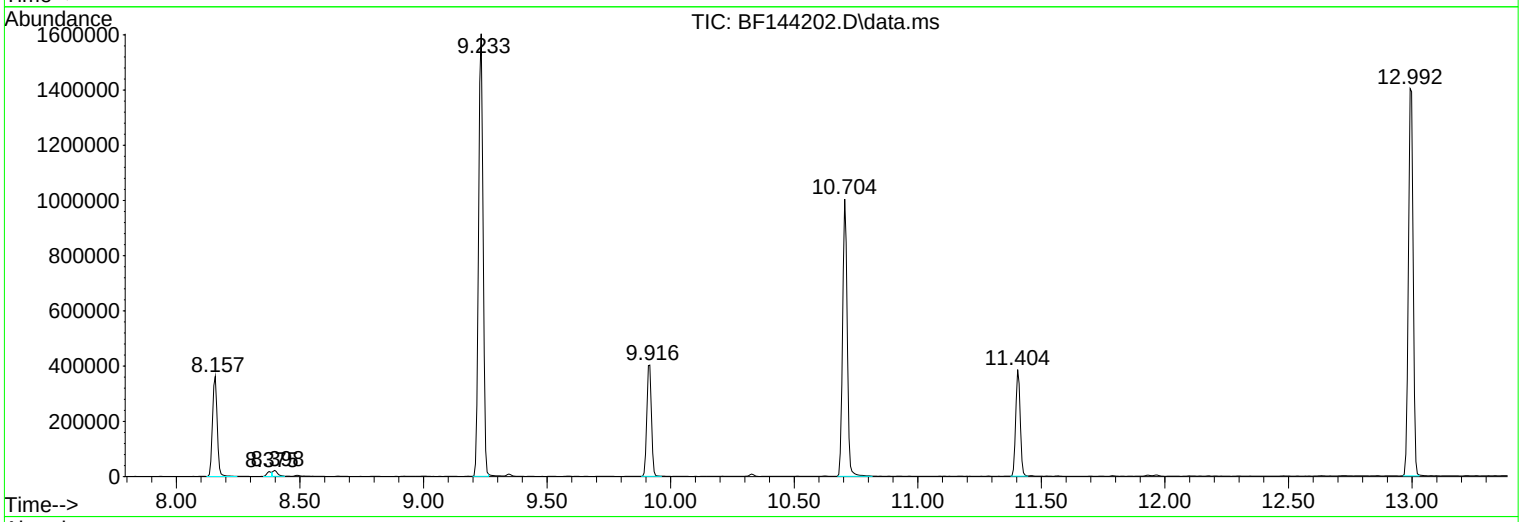
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

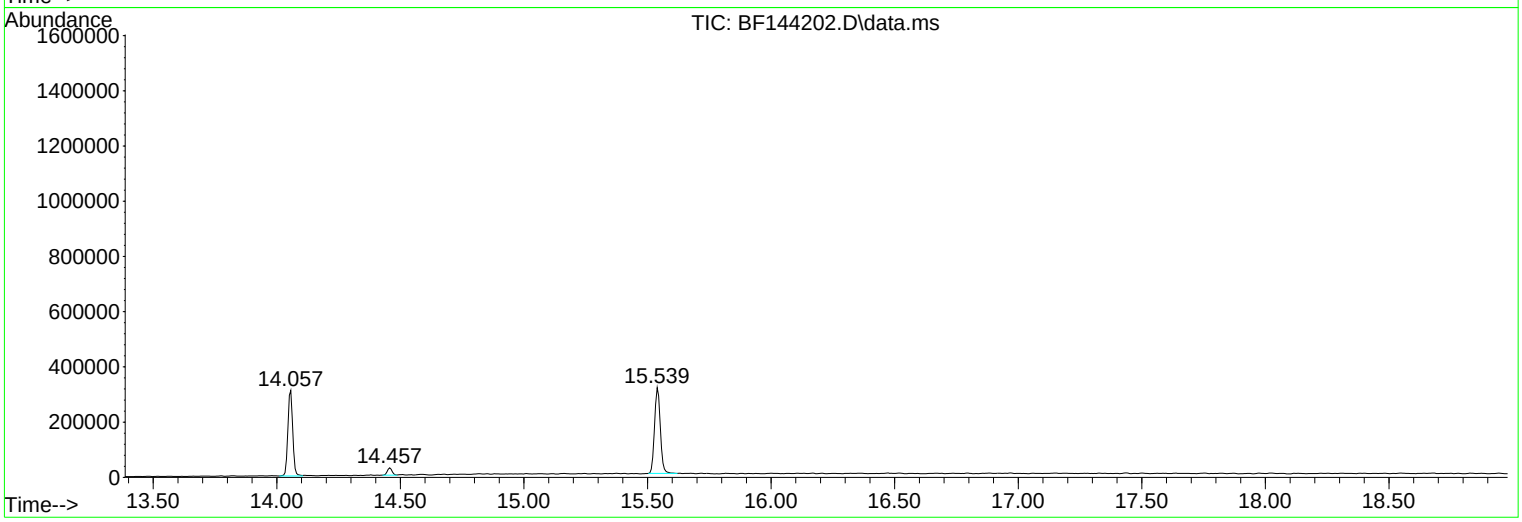
Instrument :
BNA_F
ClientSampleId :
FB-2

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







Library Search Compound Report

Sample Results: **BF144202.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Time: Nov 12 01:48:06 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

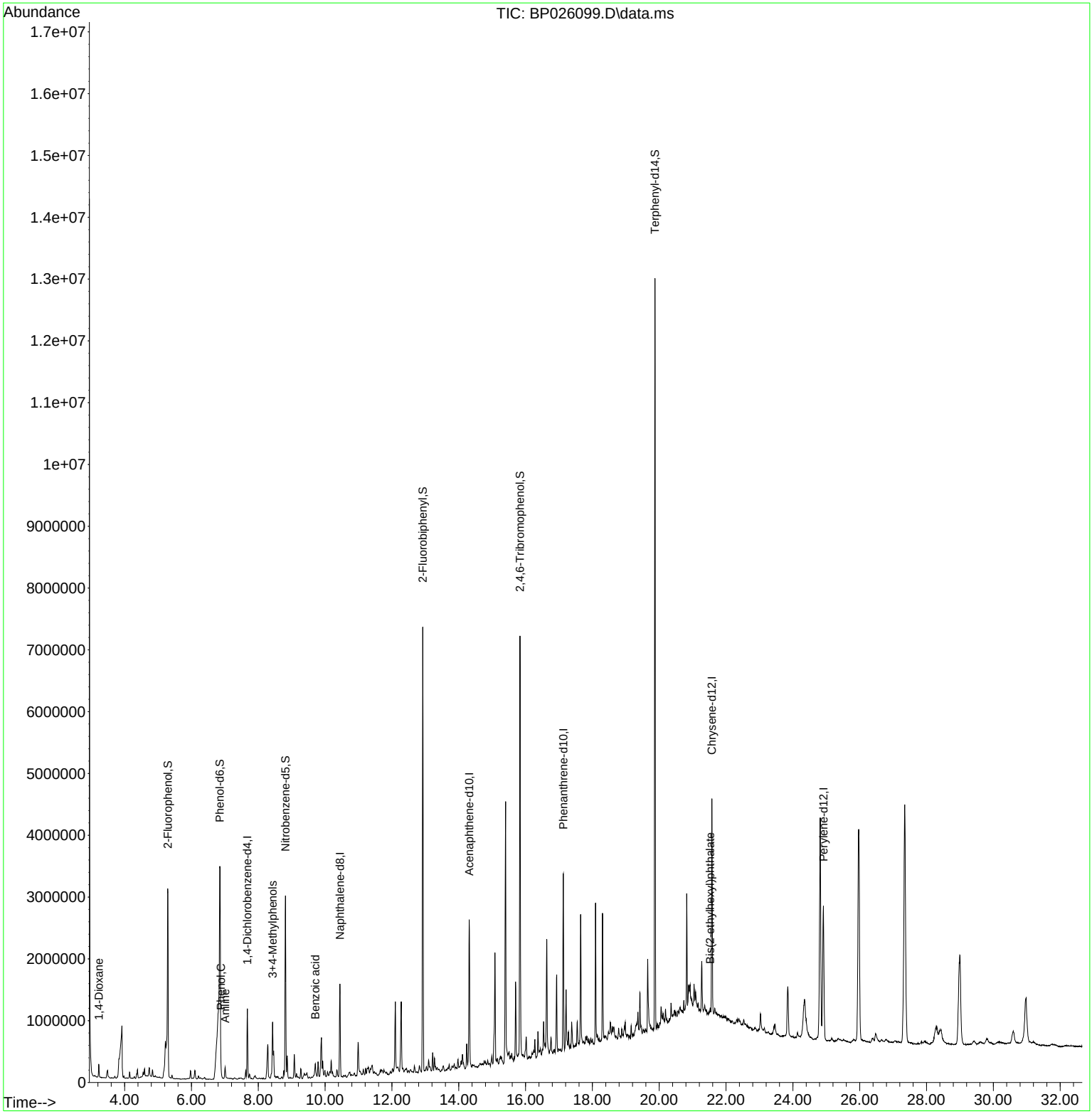
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	322520	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1316165	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	849238	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1767566	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1962758	20.000	ng	0.01
86) Perylene-d12	24.913	264	2192893	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1322648	67.670	ng	0.00
7) Phenol-d6	6.849	99	1180031	47.433	ng	0.00
23) Nitrobenzene-d5	8.813	82	1643318	77.835	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1254105	136.596	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3836858	64.920	ng	0.00
79) Terphenyl-d14	19.872	244	6174605	63.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	99200	12.039	ng	# 84
6) Aniline	7.008	93	137723	4.148	ng	96
10) Phenol	6.878	94	142312	5.153	ng	98
20) 3+4-Methylphenols	8.431	107	582427	23.150	ng	90
32) Benzoic acid	9.708	122	101171	13.613	ng	97
84) Bis(2-ethylhexyl)phtha...	21.525	149	30925	2.967	ng	# 85

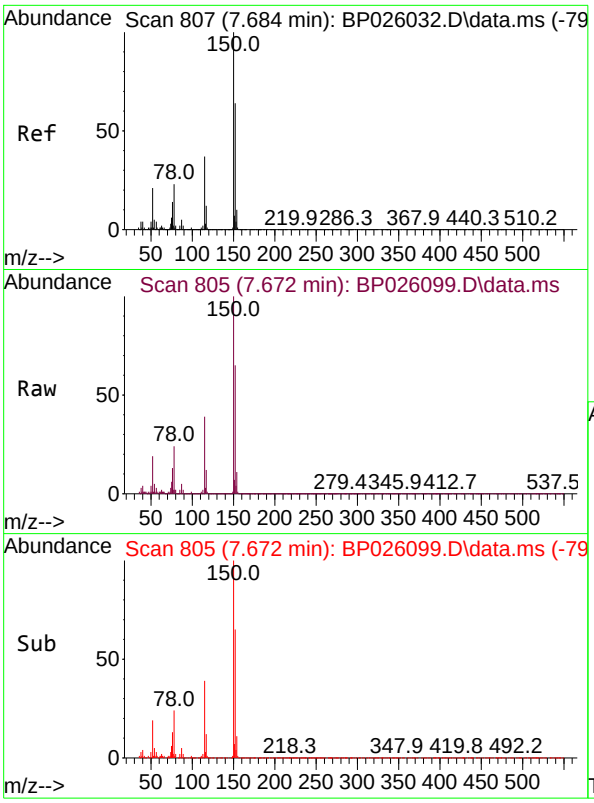
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Time: Nov 12 01:48:06 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



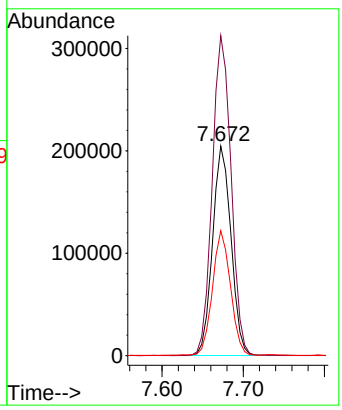


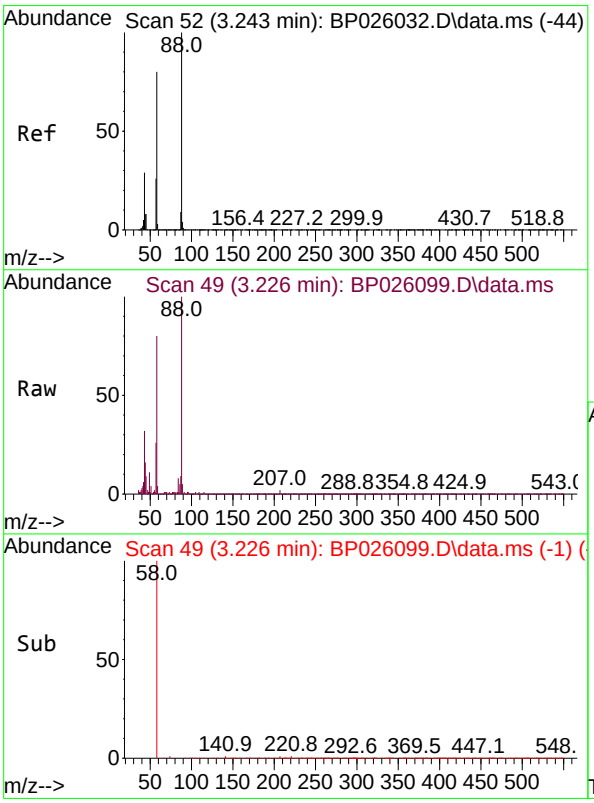
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:152 Resp: 322520

Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.7	188.5
115	59.6	46.4	69.6

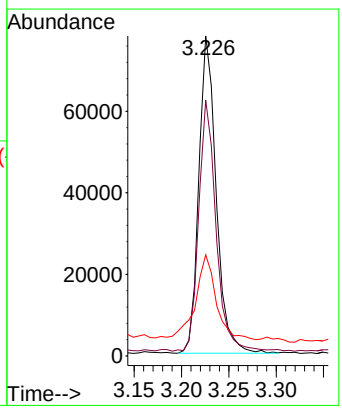


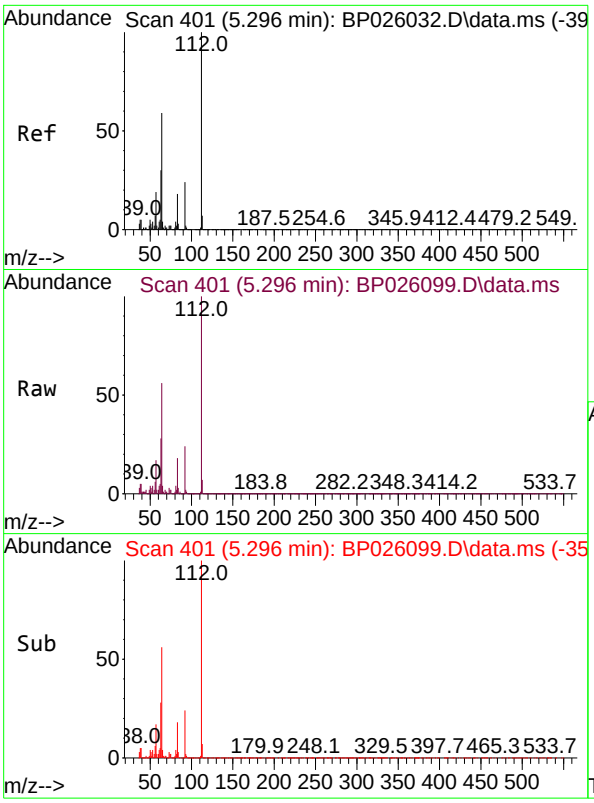


#2
1,4-Dioxane
Concen: 12.039 ng
RT: 3.226 min Scan# 49
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 88 Resp: 99200

Ion	Ratio	Lower	Upper
88	100		
58	78.9	65.4	98.0
43	0.0	23.1	34.7#



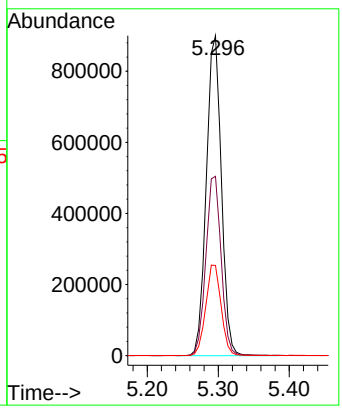


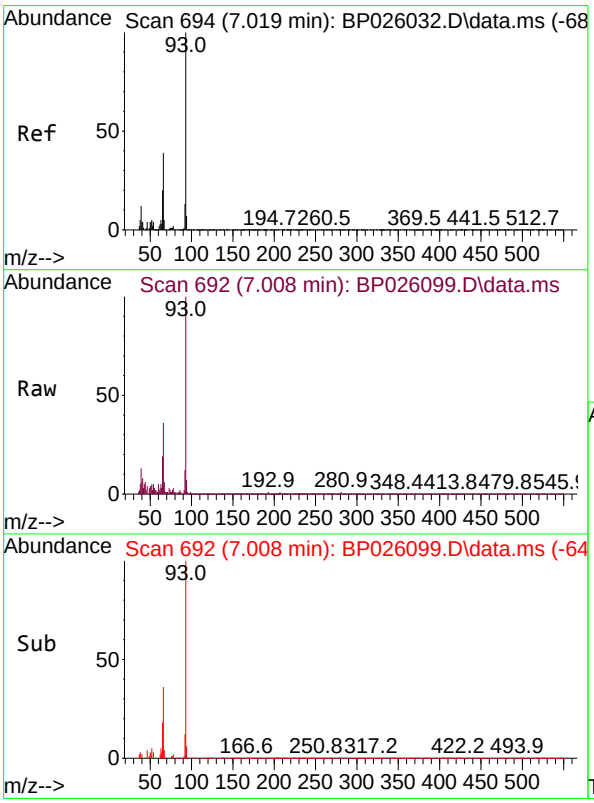
#5
2-Fluorophenol
Concen: 67.670 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:112 Resp: 1322648

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.4	71.2
63	28.2	24.2	36.4

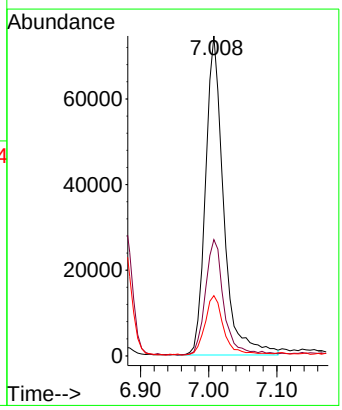


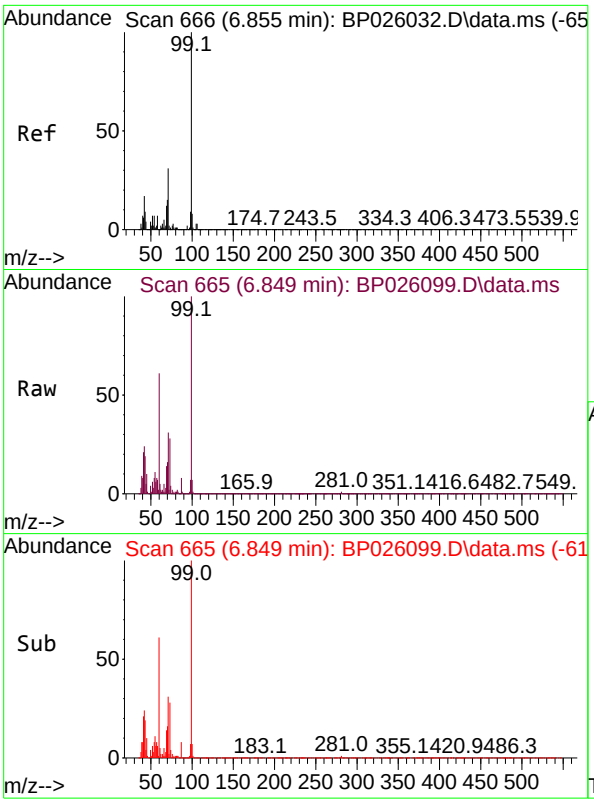


#6
Aniline
Concen: 4.148 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 93 Resp: 137723

Ion	Ratio	Lower	Upper
93	100		
66	36.3	31.2	46.8
65	18.8	16.1	24.1



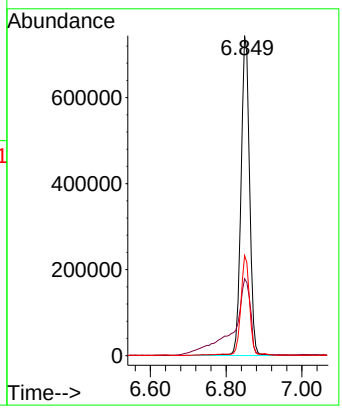


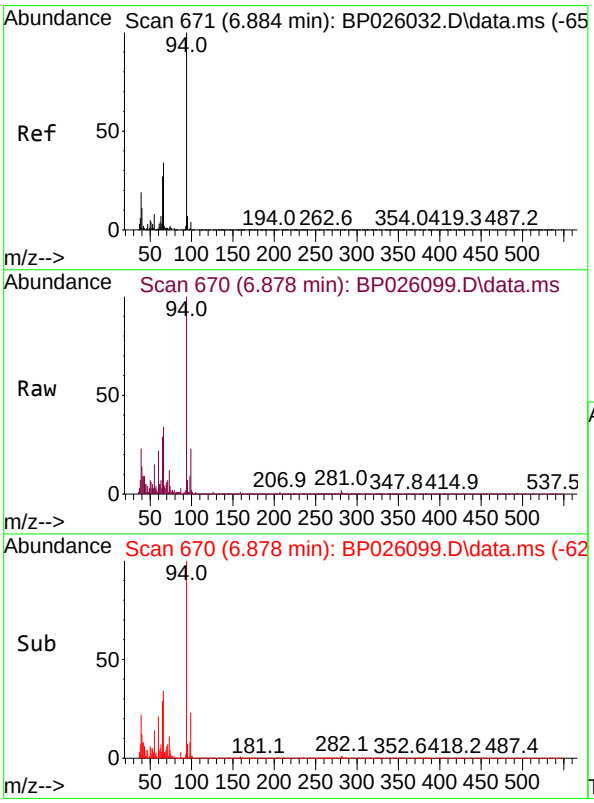
#7
Phenol-d6
Concen: 47.433 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion: 99 Resp: 1180031

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.7	20.5#
71	31.3	24.4	36.6

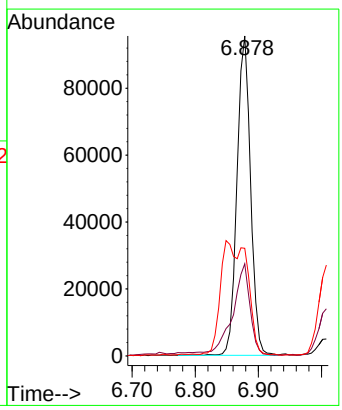


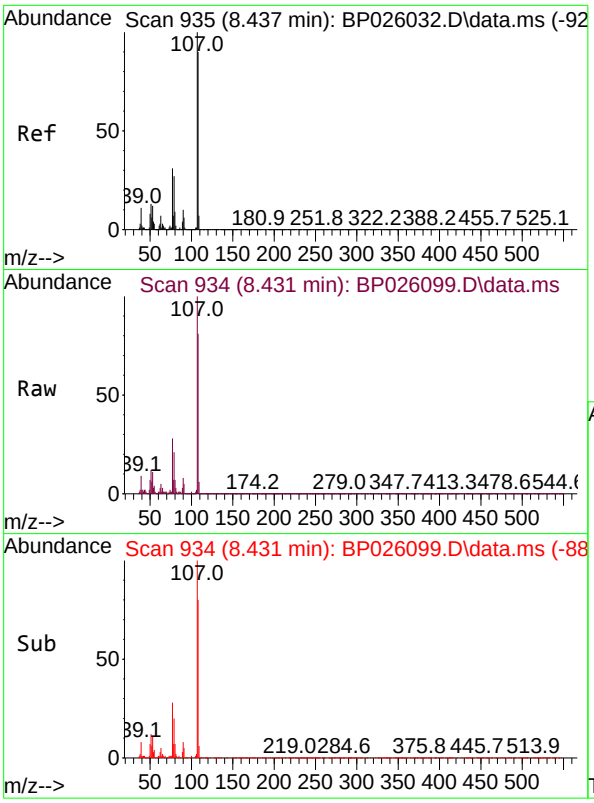


#10
Phenol
Concen: 5.153 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 94 Resp: 142312

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.1	47.1
66	33.6	14.4	54.4



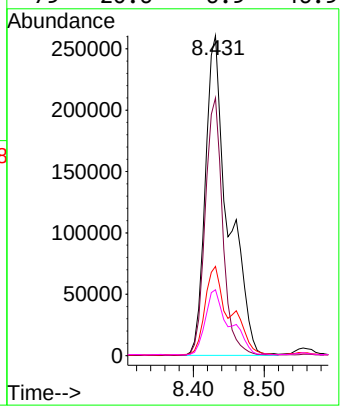


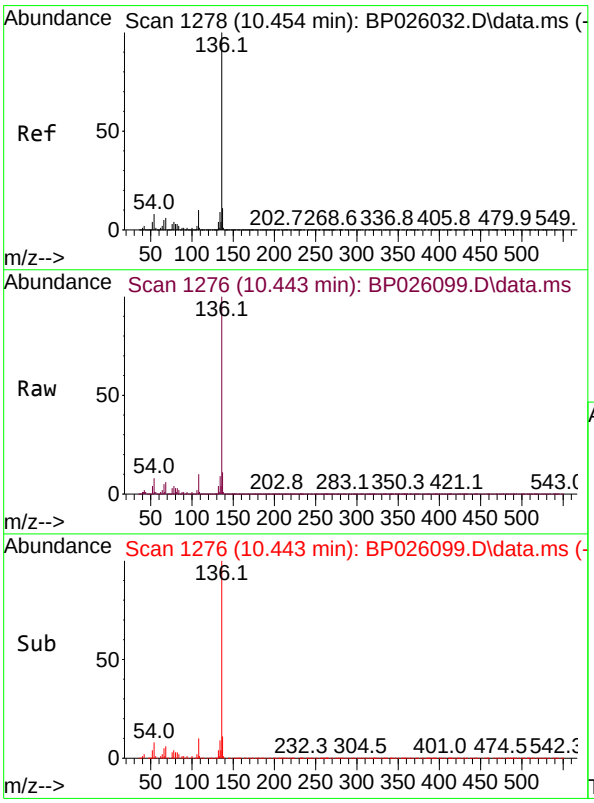
#20
3+4-Methylphenols
Concen: 23.150 ng
RT: 8.431 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:107 Resp: 582427

Ion	Ratio	Lower	Upper
107	100		
108	80.5	70.1	110.1
77	27.9	10.7	50.7
79	20.6	6.9	46.9

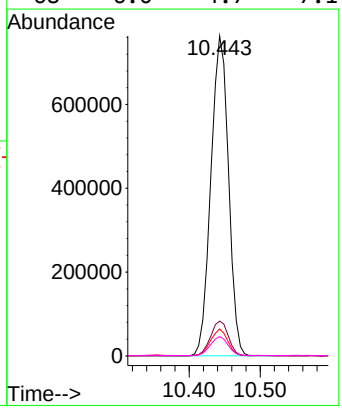


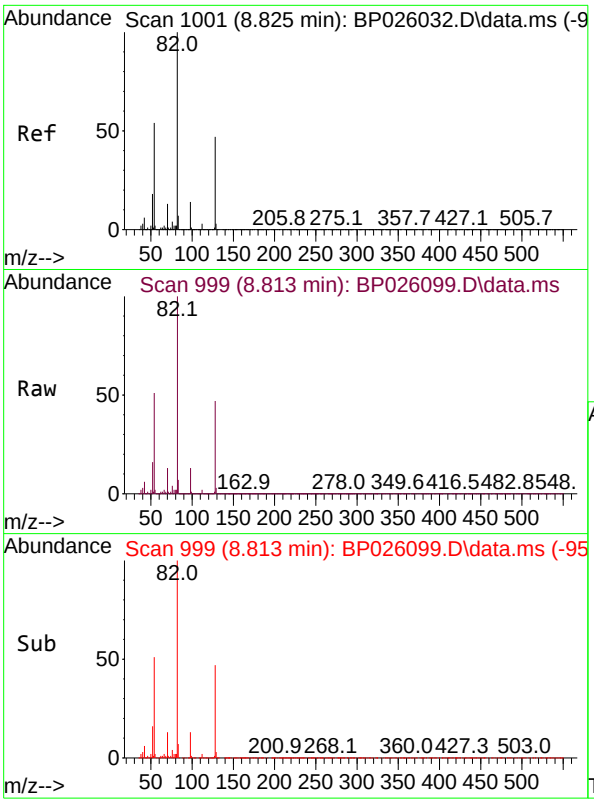


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:136 Resp: 1316165

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



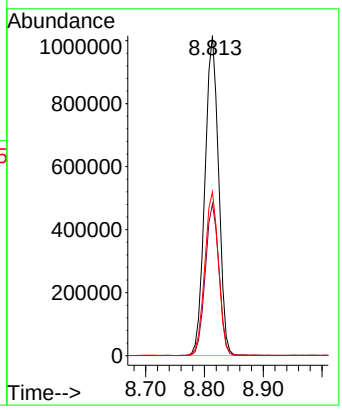


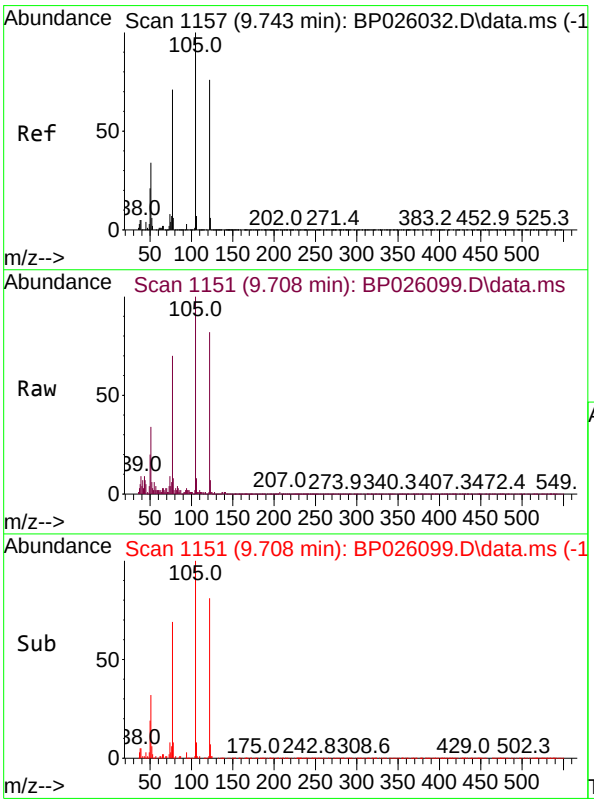
#23
Nitrobenzene-d5
Concen: 77.835 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion: 82 Resp: 1643318

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.2	42.7	64.1

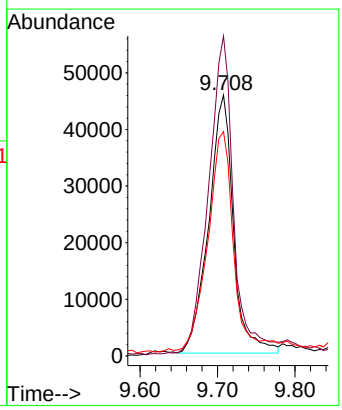


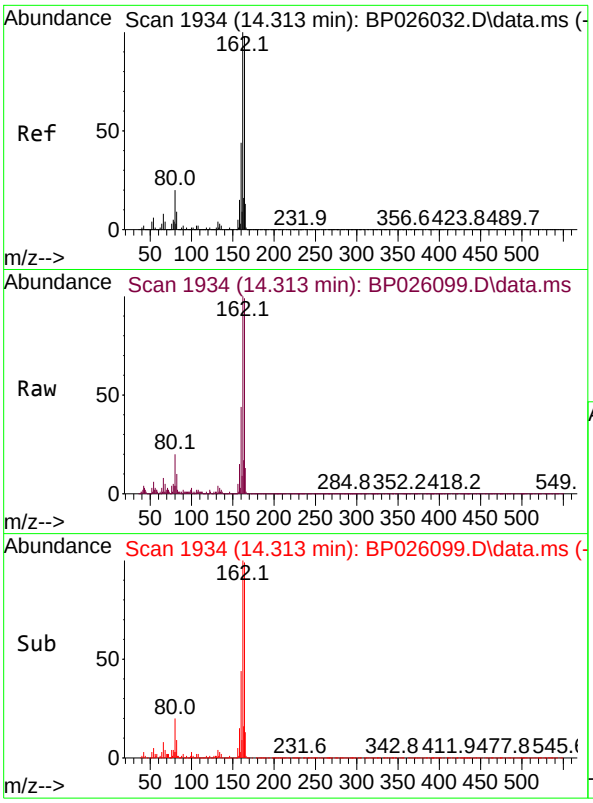


#32
Benzoic acid
Concen: 13.613 ng
RT: 9.708 min Scan# 1151
Delta R.T. -0.070 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:122 Resp: 101171

Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.8	144.8
77	85.9	70.9	110.9



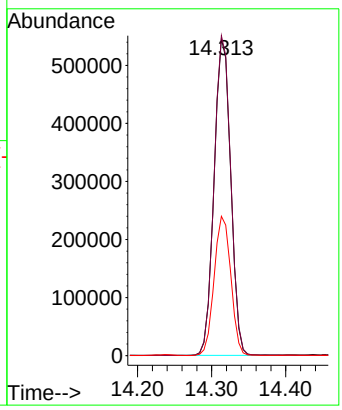


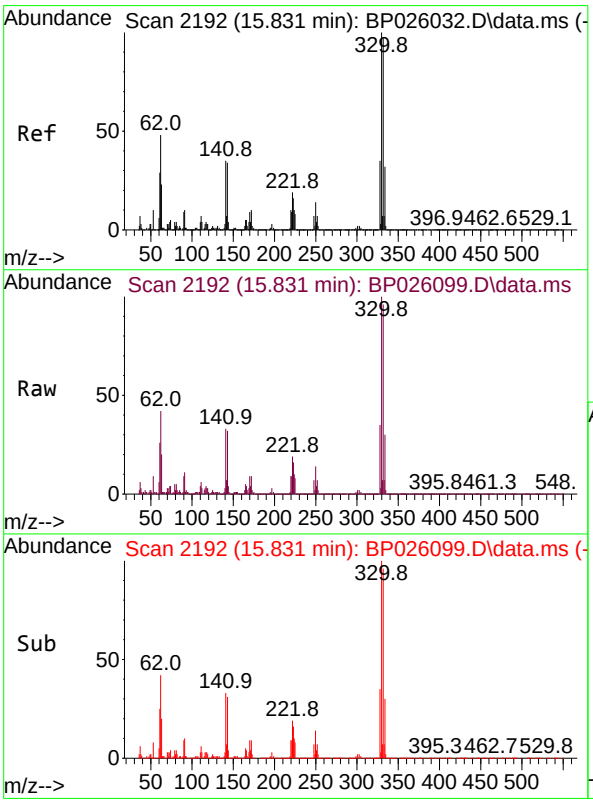
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:164 Resp: 849238

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	44.0	36.2	54.4

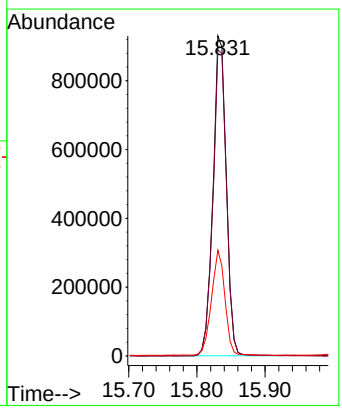


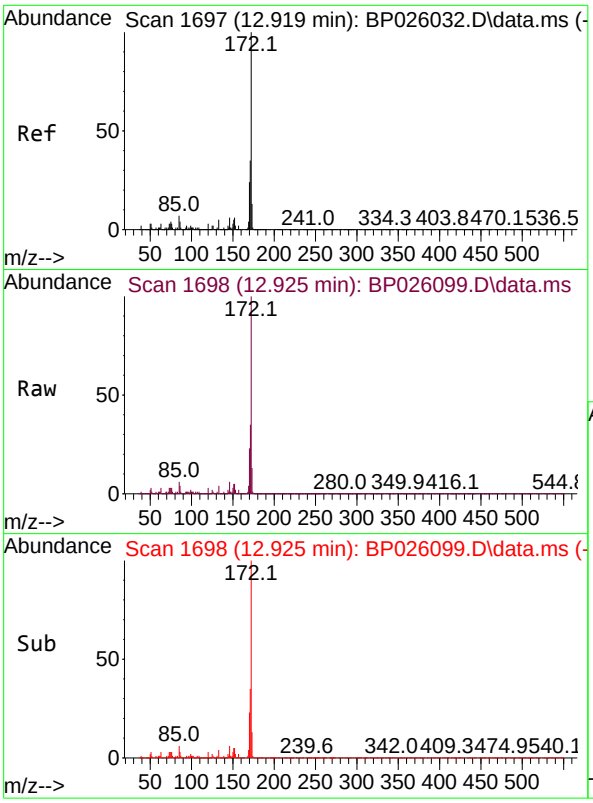


#42
2,4,6-Tribromophenol
Concen: 136.596 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:330 Resp: 1254105

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.1	28.6	42.8



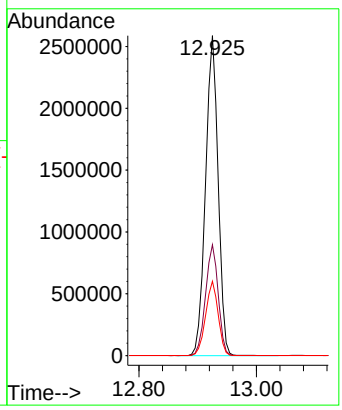


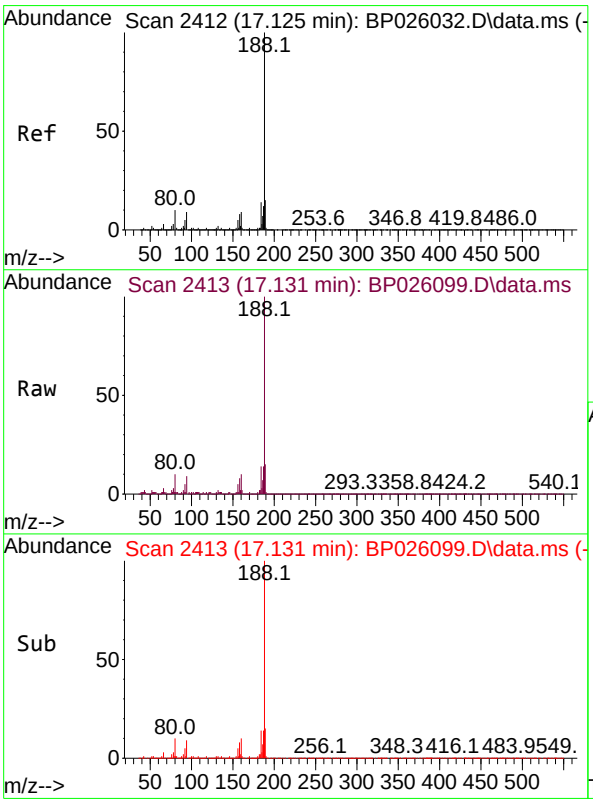
#45
2-Fluorobiphenyl
Concen: 64.920 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:172 Resp: 3836858

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.2	19.0	28.4

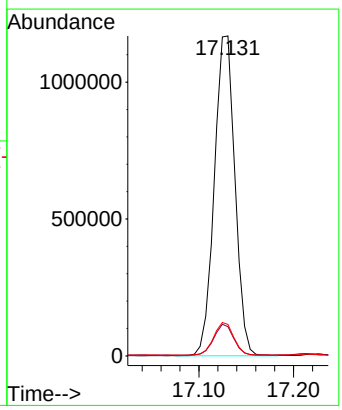


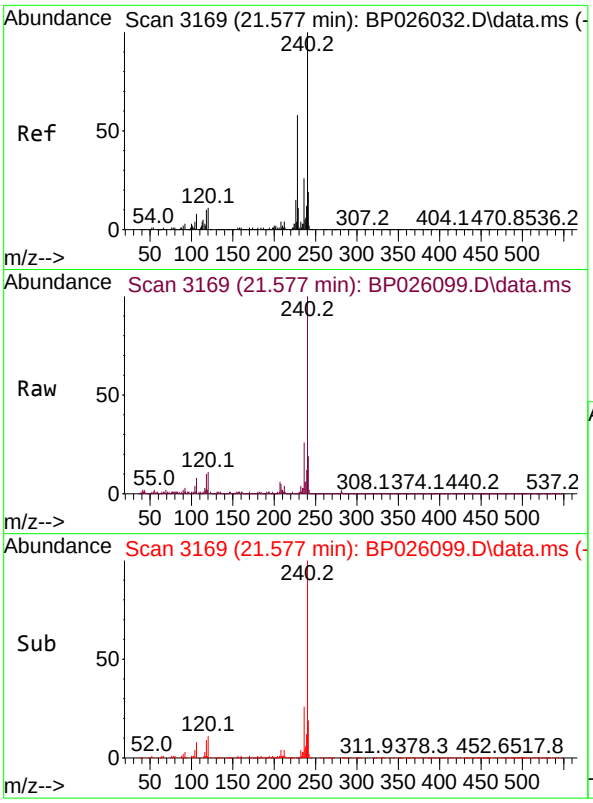


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:188 Resp: 1767566

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.9	7.9	11.9



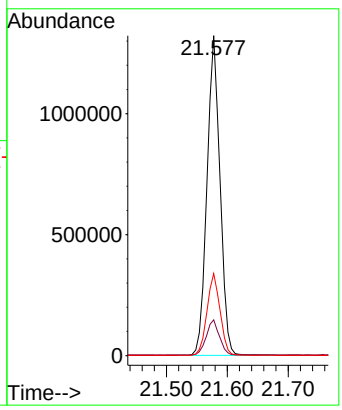


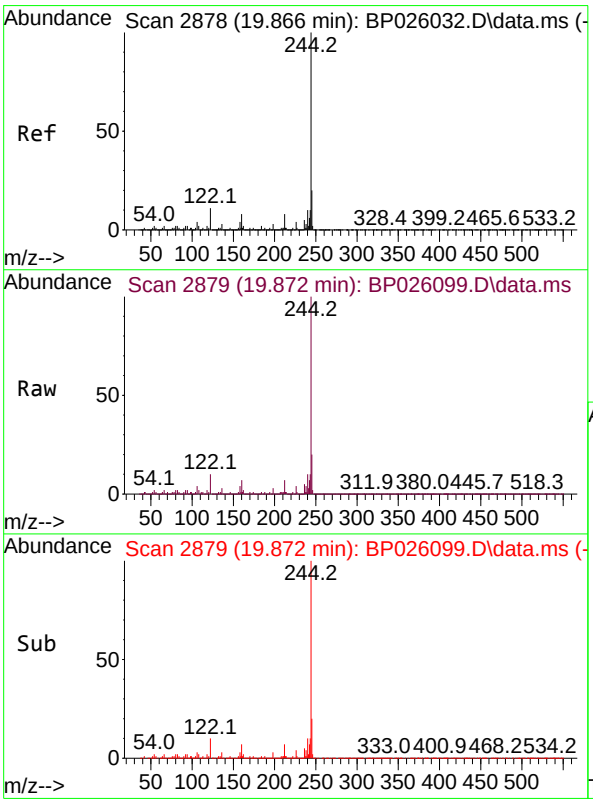
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:240 Resp: 1962758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	20.6	31.0

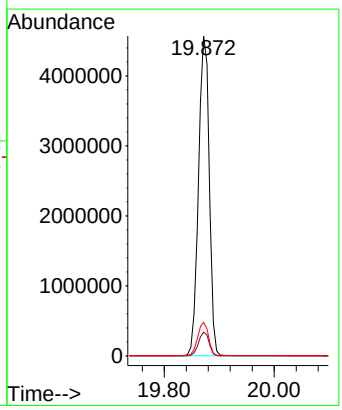


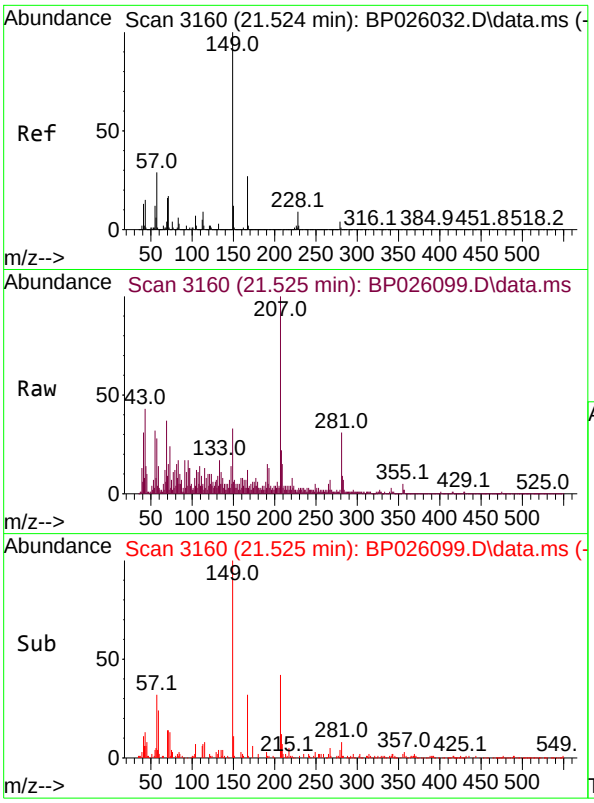


#79
Terphenyl-d14
Concen: 63.914 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:244 Resp: 6174605

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.5	9.0	13.6



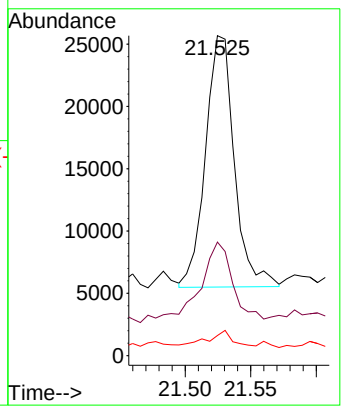


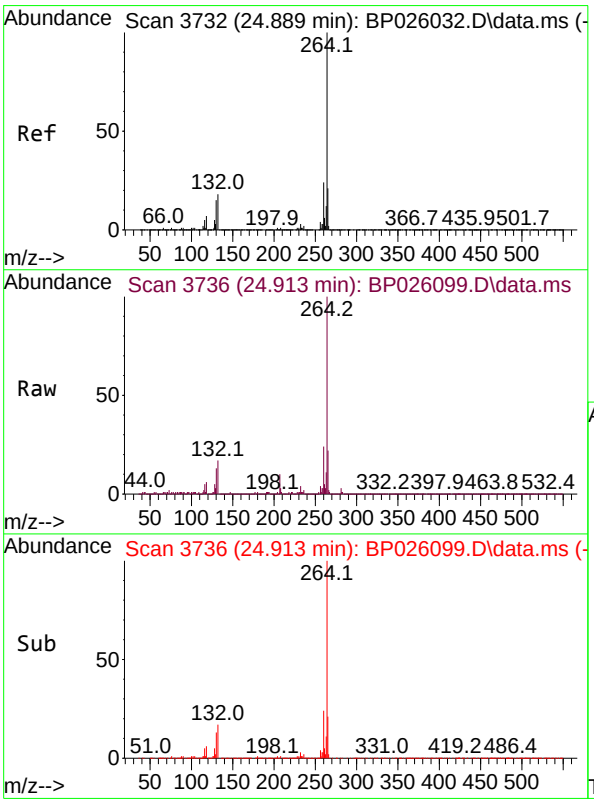
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.967 ng
RT: 21.525 min Scan# 31
Delta R.T. 0.007 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:149 Resp: 30925

Ion	Ratio	Lower	Upper
149	100		
167	35.5	21.5	32.3#
279	6.3	3.0	4.6#

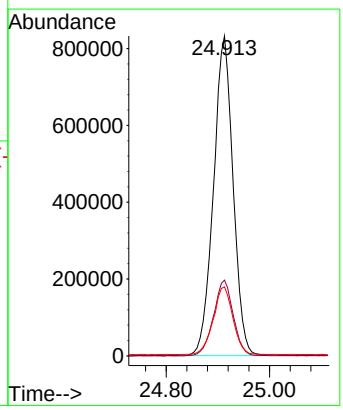




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:264 Resp: 2192893

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	43	49	60	rVB	215739	294513	1.81%	0.155%
2	3.490	86	94	107	rVB2	124824	309144	1.90%	0.163%
3	3.831	144	152	153	rBV2	297510	496117	3.05%	0.261%
4	3.920	165	167	174	rVB2	838279	906028	5.57%	0.477%
5	4.384	237	246	253	rBV2	144897	303548	1.87%	0.160%
6	4.596	278	282	287	rVB	114473	164010	1.01%	0.086%
7	4.737	299	306	317	rVV3	142151	289899	1.78%	0.153%
8	4.831	318	322	329	rVB	110934	175409	1.08%	0.092%
9	5.220	374	388	391	rBV	593420	1540728	9.47%	0.811%
10	5.290	395	400	412	rVB2	3060224	5448344	33.48%	2.867%
11	5.972	508	516	522	rBV	127782	209390	1.29%	0.110%
12	6.102	531	538	548	rVB	138114	288883	1.78%	0.152%
13	6.849	633	665	680	rBV3	3447183	12990120	79.82%	6.835%
14	7.008	685	692	700	rBV	182738	342610	2.11%	0.180%
15	7.625	786	797	800	rBV	141541	237398	1.46%	0.125%
16	7.672	800	805	812	rVB	1123546	1771075	10.88%	0.932%
17	8.284	897	909	921	rBV	555896	1329444	8.17%	0.700%
18	8.431	921	934	937	rBV	909658	1714587	10.54%	0.902%
19	8.461	937	939	944	rVB	418224	516238	3.17%	0.272%
20	8.766	985	991	993	rBV	130040	200465	1.23%	0.105%
21	8.813	993	999	1004	rVV	2959355	4842226	29.75%	2.548%
22	8.866	1004	1008	1016	rVB	367495	591161	3.63%	0.311%
23	9.078	1037	1044	1052	rBV	383861	640639	3.94%	0.337%
24	9.272	1071	1077	1085	rVB	161743	266590	1.64%	0.140%
25	9.378	1085	1095	1098	rBV5	89037	229521	1.41%	0.121%
26	9.455	1104	1108	1116	rVB5	89365	194049	1.19%	0.102%
27	9.708	1144	1151	1159	rVB	205354	450117	2.77%	0.237%
28	9.790	1159	1165	1173	rVB2	239155	362880	2.23%	0.191%
29	9.890	1173	1182	1186	rBV	629568	1396749	8.58%	0.735%
30	9.925	1186	1188	1195	rVV	240652	344154	2.11%	0.181%
31	9.996	1195	1200	1206	rVB3	100071	184943	1.14%	0.097%
32	10.184	1228	1232	1236	rVB	205559	274650	1.69%	0.145%
33	10.355	1256	1261	1269	rBV2	114324	219829	1.35%	0.116%
34	10.443	1269	1276	1284	rVB	1503328	2584240	15.88%	1.360%
35	10.719	1311	1323	1325	rBV7	77515	207139	1.27%	0.109%
36	10.990	1362	1369	1377	rBV	546440	1149935	7.07%	0.605%

Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.102	1549	1558	1565	rBV	1124704	1841731	11.32%	0.969%
38	12.278	1579	1588	1594	rBV	1133546	2206939	13.56%	1.161%
39	12.672	1651	1655	1662	rVB4	108887	187890	1.15%	0.099%
40	12.825	1675	1681	1691	rBV10	111504	274854	1.69%	0.145%
41	12.925	1691	1698	1706	rBV	7203255	10746210	66.03%	5.655%
42	13.096	1723	1727	1732	rBV	160467	279163	1.72%	0.147%
43	13.219	1743	1748	1753	rBV	295665	446664	2.74%	0.235%
44	13.272	1753	1757	1761	rBV2	197295	317732	1.95%	0.167%
45	13.537	1797	1802	1810	rVB5	88417	217529	1.34%	0.114%
46	13.978	1873	1877	1881	rBV4	137581	208326	1.28%	0.110%
47	14.113	1896	1900	1904	rBV2	164525	247252	1.52%	0.130%
48	14.237	1917	1921	1926	rBV3	379684	591992	3.64%	0.312%
49	14.313	1926	1934	1947	rVB	2388982	4165029	25.59%	2.192%
50	14.990	2042	2049	2054	rBV4	168484	352288	2.16%	0.185%
51	15.084	2055	2065	2070	rBV2	1795598	3272615	20.11%	1.722%
52	15.401	2111	2119	2131	rBV	4222388	6999864	43.01%	3.683%
53	15.701	2165	2170	2180	rBV	1245846	1894811	11.64%	0.997%
54	15.831	2186	2192	2202	rVB2	6778875	9886331	60.75%	5.202%
55	16.019	2216	2224	2230	rVB2	360656	772787	4.75%	0.407%
56	16.278	2265	2268	2274	rVB	301579	440288	2.71%	0.232%
57	16.372	2280	2284	2288	rBV	387474	557228	3.42%	0.293%
58	16.537	2308	2312	2317	rBV2	461234	684117	4.20%	0.360%
59	16.631	2322	2328	2341	rVB	1847378	3255606	20.01%	1.713%
60	16.760	2347	2350	2355	rVB	228577	346020	2.13%	0.182%
61	16.931	2372	2379	2385	rVB	1246306	1892413	11.63%	0.996%
62	17.131	2407	2413	2419	rVB2	2854666	4404487	27.06%	2.318%
63	17.213	2420	2427	2435	rVV3	962463	1686178	10.36%	0.887%
64	17.284	2435	2439	2444	rVB	265430	409648	2.52%	0.216%
65	17.378	2452	2455	2464	rBV3	410246	748498	4.60%	0.394%
66	17.548	2480	2484	2489	rBV3	363095	533994	3.28%	0.281%
67	17.648	2496	2501	2512	rVB	2081437	3044802	18.71%	1.602%
68	17.801	2524	2527	2530	rBV4	113831	186491	1.15%	0.098%
69	18.095	2572	2577	2584	rBV	2247876	2970888	18.26%	1.563%
70	18.301	2608	2612	2621	rBV	2032511	3093552	19.01%	1.628%
71	19.160	2755	2758	2764	rBV2	194866	295226	1.81%	0.155%
72	19.360	2790	2792	2798	rVB	291179	316915	1.95%	0.167%
73	19.419	2799	2802	2807	rBV	606849	820028	5.04%	0.432%
74	19.654	2838	2842	2858	rBV2	1170149	2331799	14.33%	1.227%
75	19.872	2873	2879	2885	rBV	12152536	16273825	100.00%	8.563%
76	20.054	2908	2910	2914	rBV	215140	279019	1.71%	0.147%

Sample Results: **BP026099.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.825	3037	3041	3045	rVB	1812063	2077370	12.77%	1.093%
78	20.878	3047	3050	3054	rBV2	271738	550875	3.39%	0.290%
79	21.272	3113	3117	3125	rVB	804692	1251286	7.69%	0.658%
80	21.577	3164	3169	3178	rVB	3485646	5252180	32.27%	2.764%
81	23.848	3549	3555	3573	rVB2	817573	2161184	13.28%	1.137%
82	24.818	3710	3720	3728	rBV	3510925	8519046	52.35%	4.483%
83	24.913	3728	3736	3750	rVB	2178561	5806114	35.68%	3.055%
84	25.971	3906	3916	3931	rVB4	3414422	10854473	66.70%	5.712%
85	27.348	4137	4150	4167	rVB2	3842807	13916316	85.51%	7.323%
86	28.995	4417	4430	4451	rVB2	1443074	6704161	41.20%	3.528%

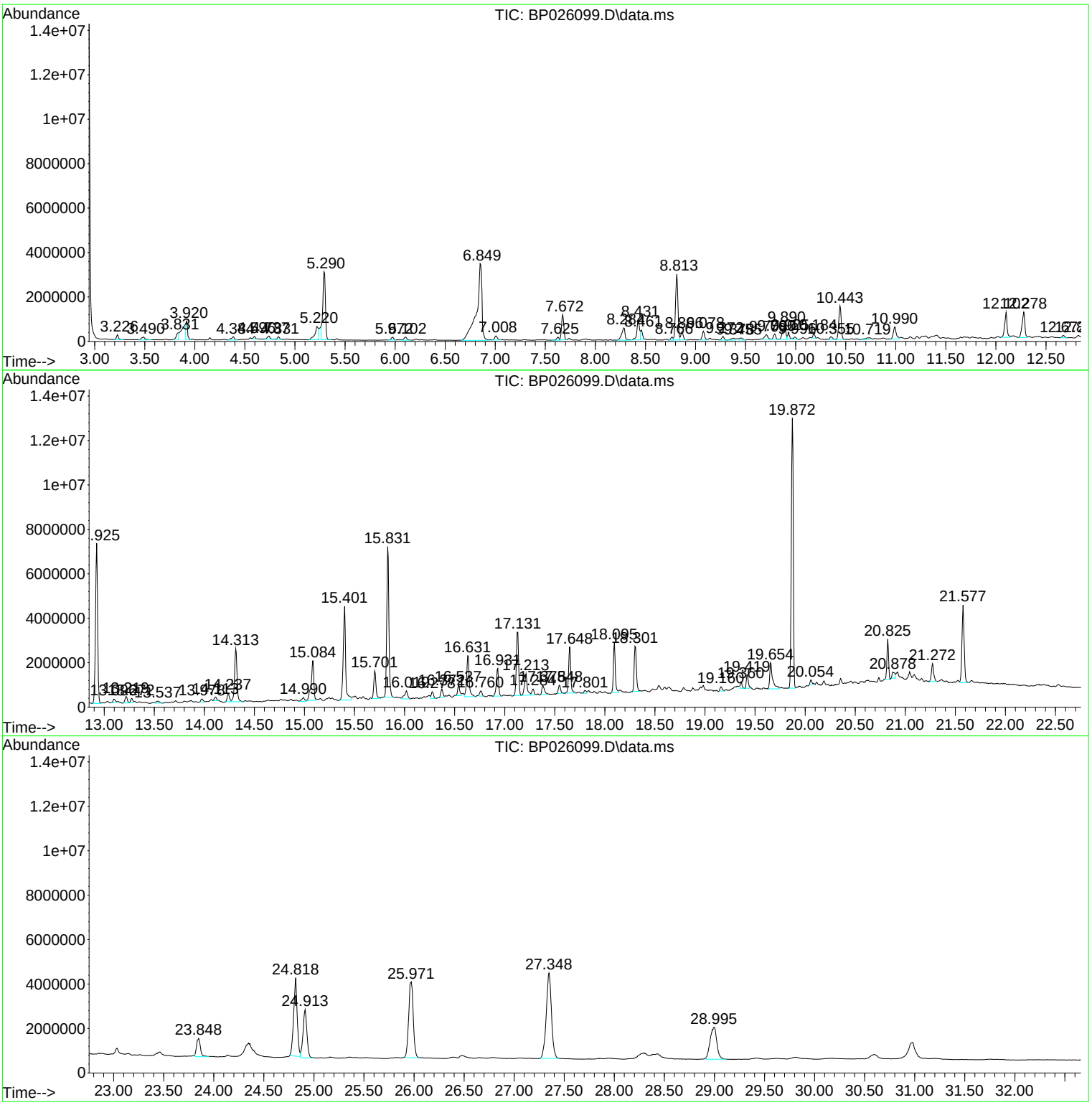
Sum of corrected areas: 190040806

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

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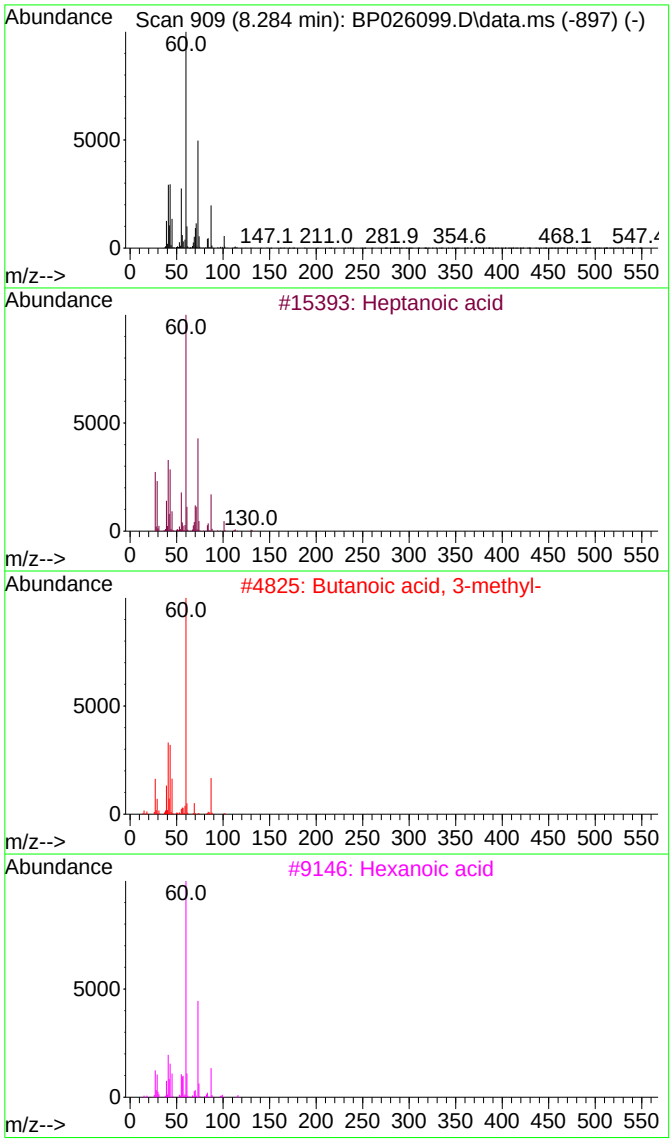
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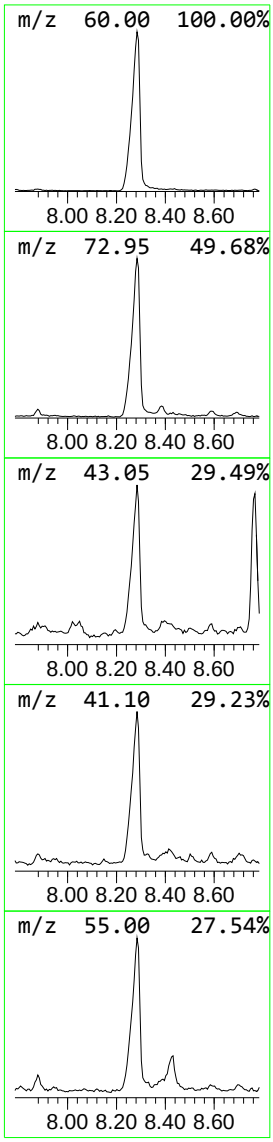
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Peak Number 3 Heptanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	15.01 ng	1329440	1,4-Dichlorobenzene-d4	7.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	68
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Pentanoic acid	102	C5H10O2	000109-52-4	64
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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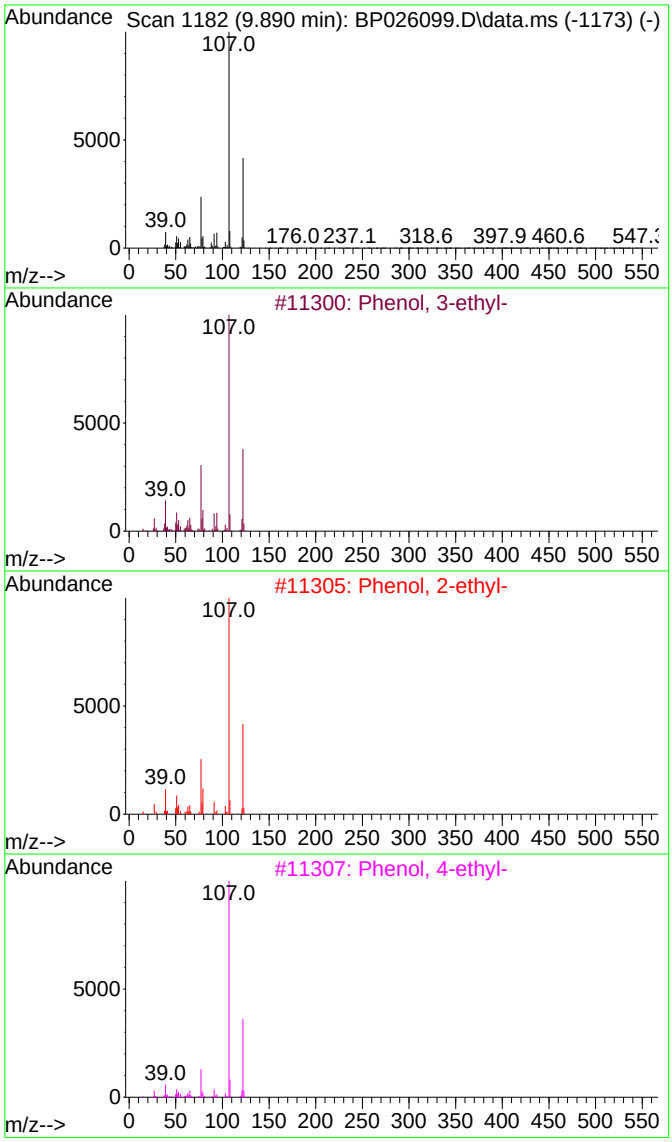
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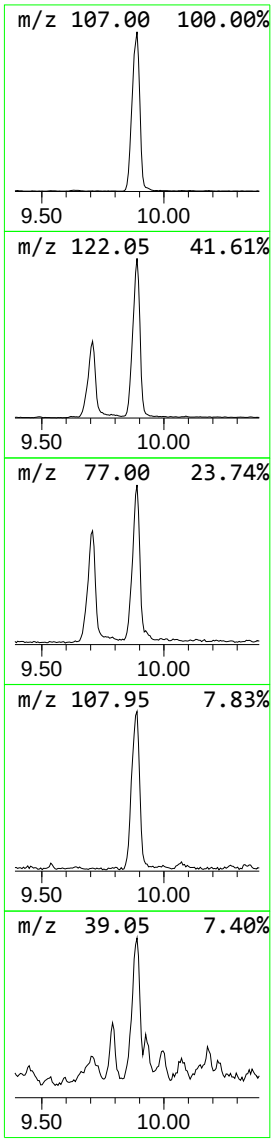
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Peak Number 4 Phenol, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	10.81 ng	1396750	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	78
5	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72





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Sample : Q3584-07
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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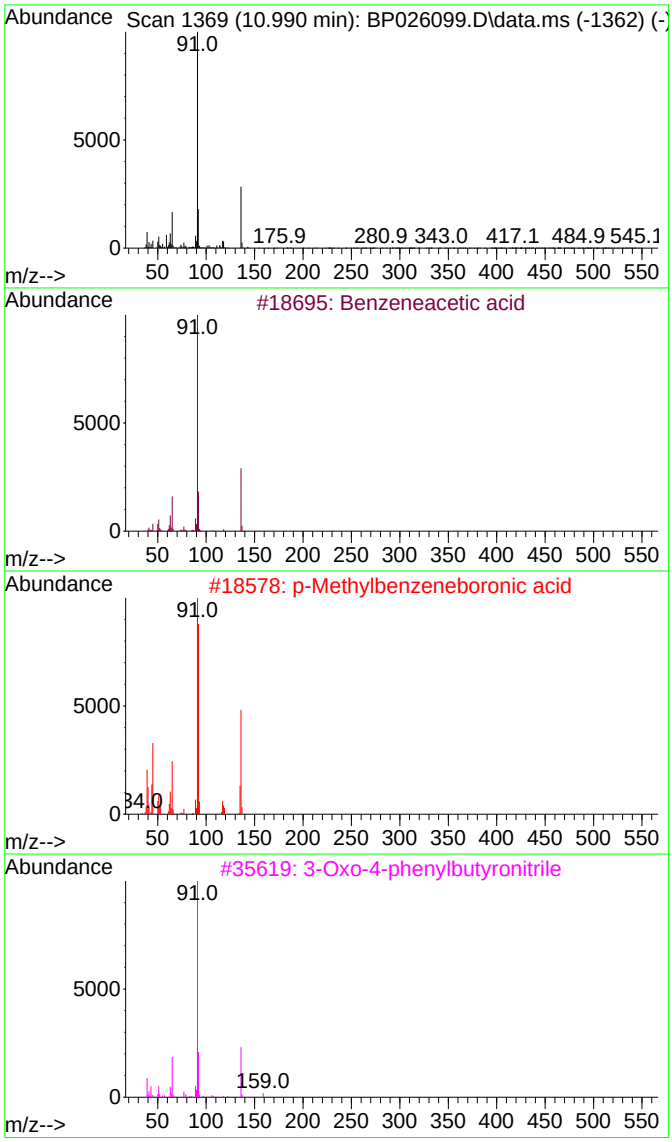
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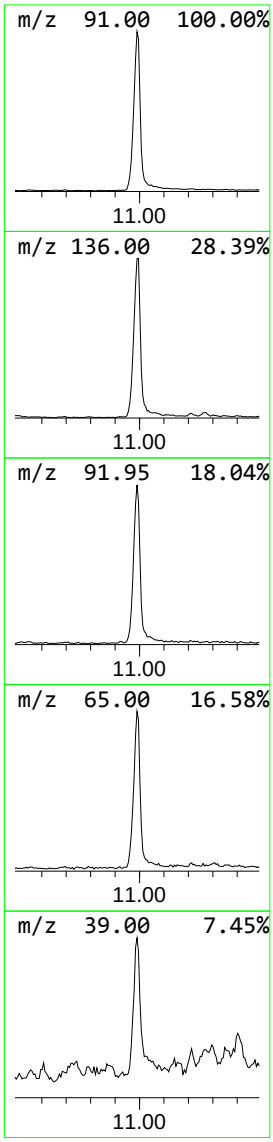
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Peak Number 5 Benzeneacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.990	8.90 ng	1149940	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	52
3	3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	43
4	4-Benzyloxybromobenzene	262	C13H11BrO	006793-92-6	43
5	Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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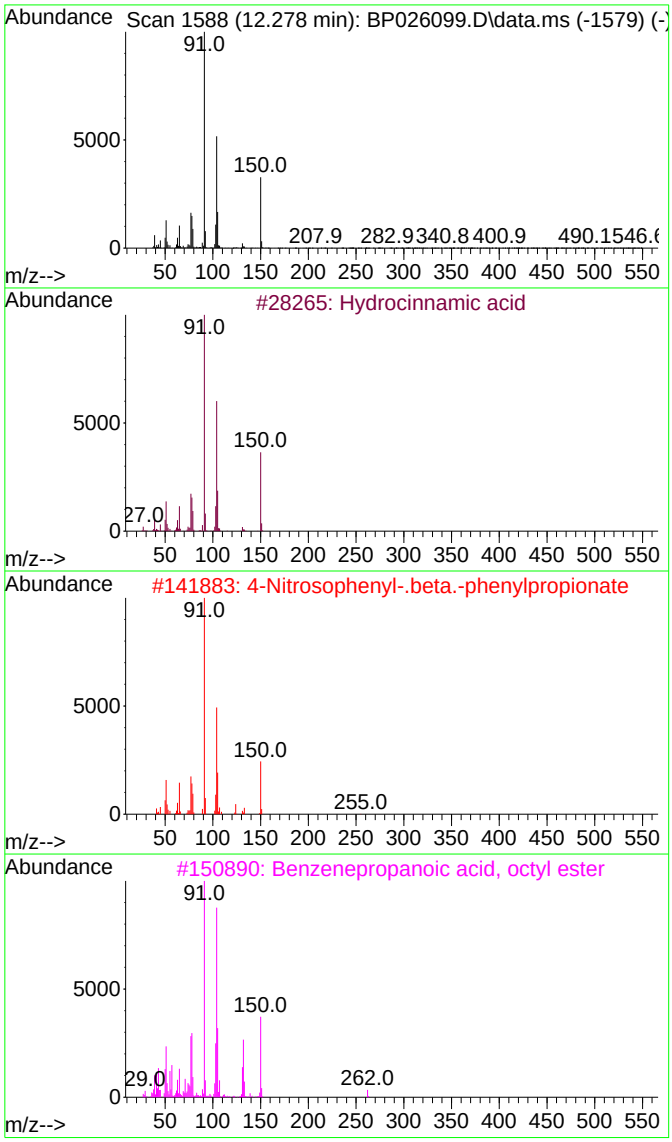
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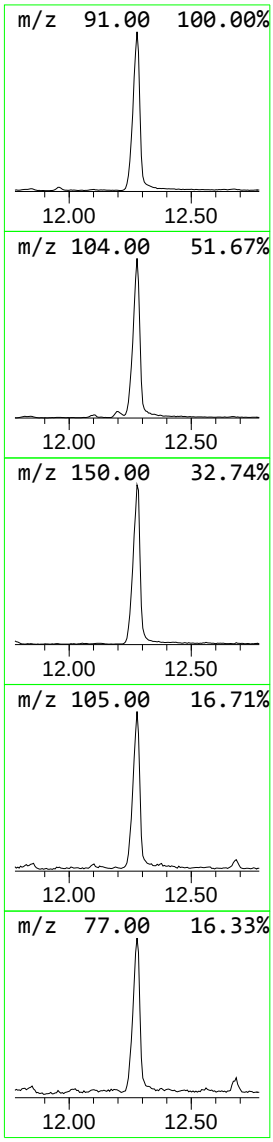
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Peak Number 7 Hydrocinnamic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.278	17.08 ng	2206940	Naphthalene-d8	10.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
3	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	72
4	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	53
5	2-Methylbenzyl alcohol, trifluor...	218	C10H9F3O2	1000364-57-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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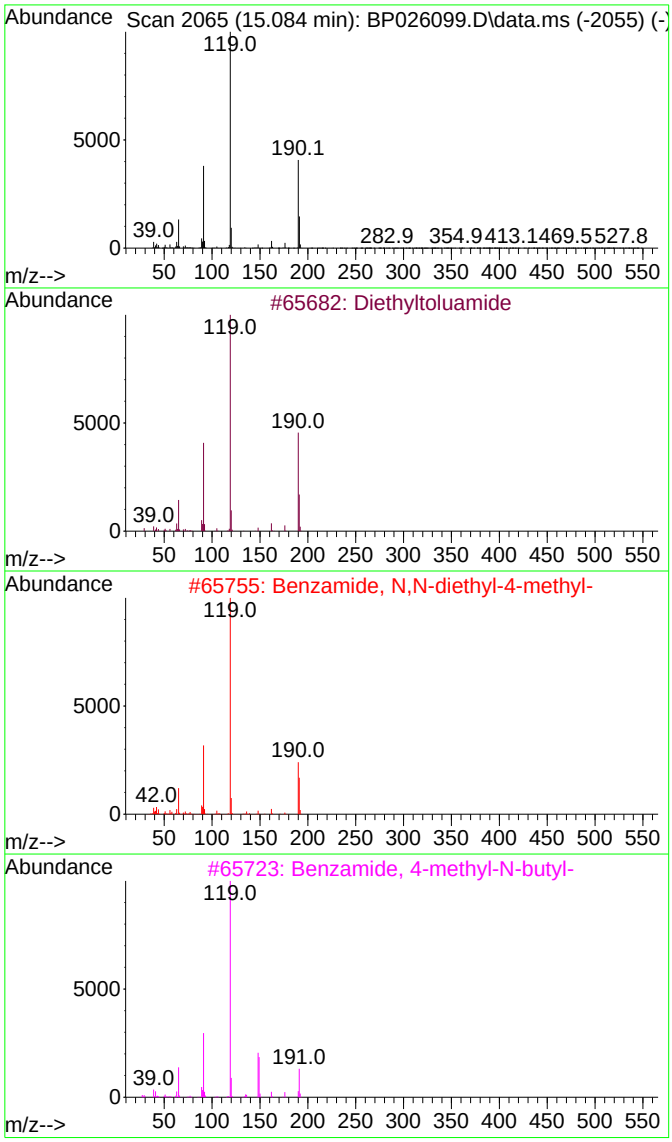
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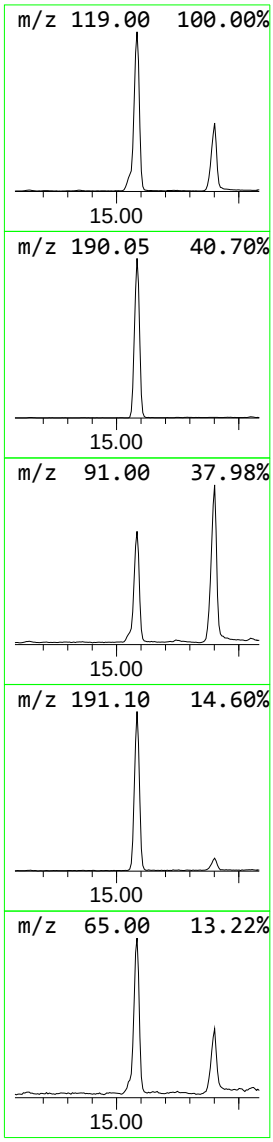
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Peak Number 8 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.084	15.71 ng	3272620	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
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\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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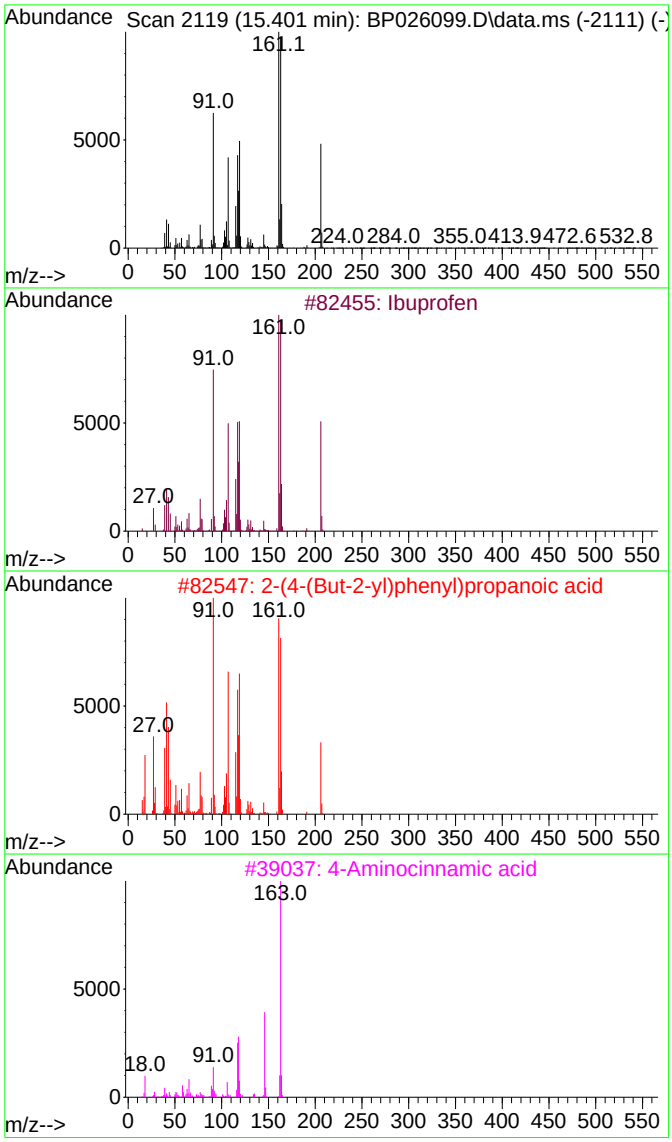
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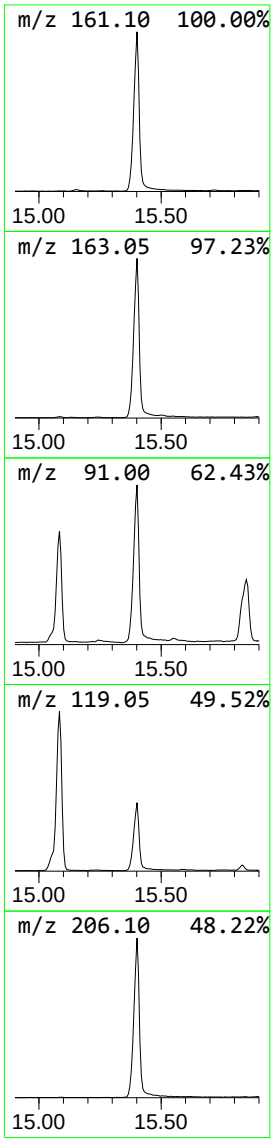
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Peak Number 9 Ibuprofen Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	33.61 ng	6999860	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	4-Aminocinnamic acid	163	C9H9NO2	002393-18-2	22
4	Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	22
5	3-(3-Thienyl)pyridine	161	C9H7NS	021308-81-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
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Instrument :
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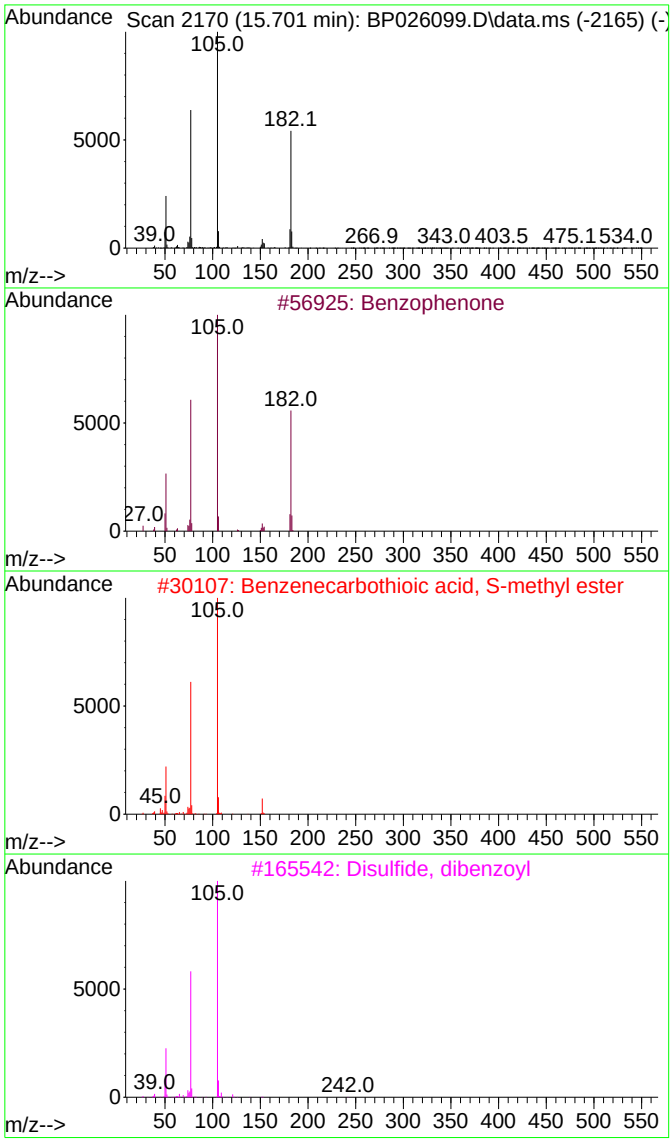
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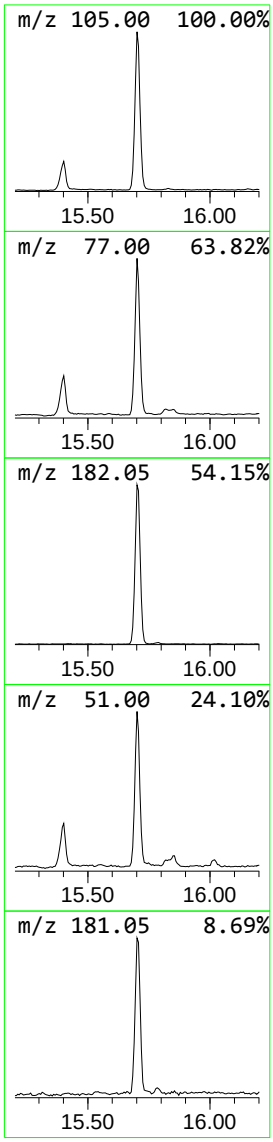
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Peak Number 10 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	9.10 ng	1894810	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
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Sample : Q3584-07
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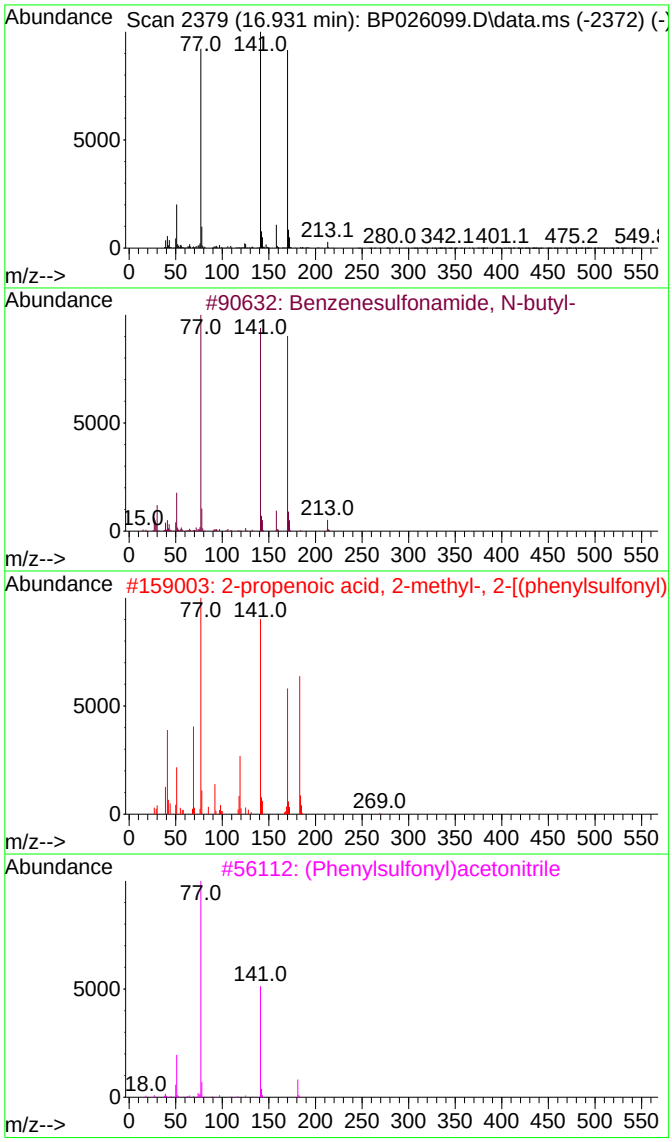
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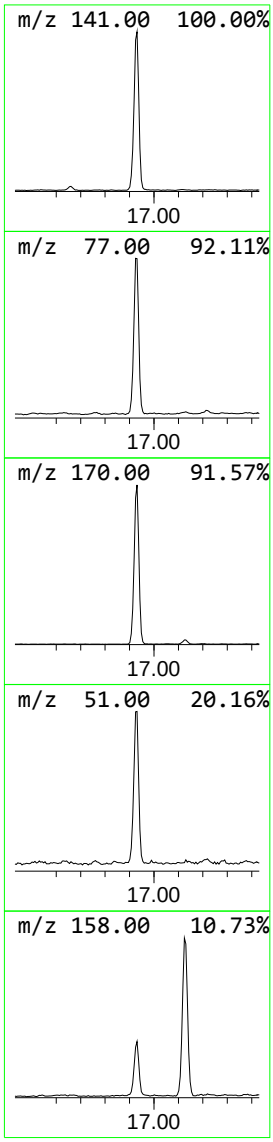
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Peak Number 12 Benzenesulfonamide, N-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.931	8.59 ng	1892410	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	64
3	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	47
4	N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	43
5	N-(2-Pyrazinyl)benzenesulfonamide	235	C10H9N3O2S	007471-20-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
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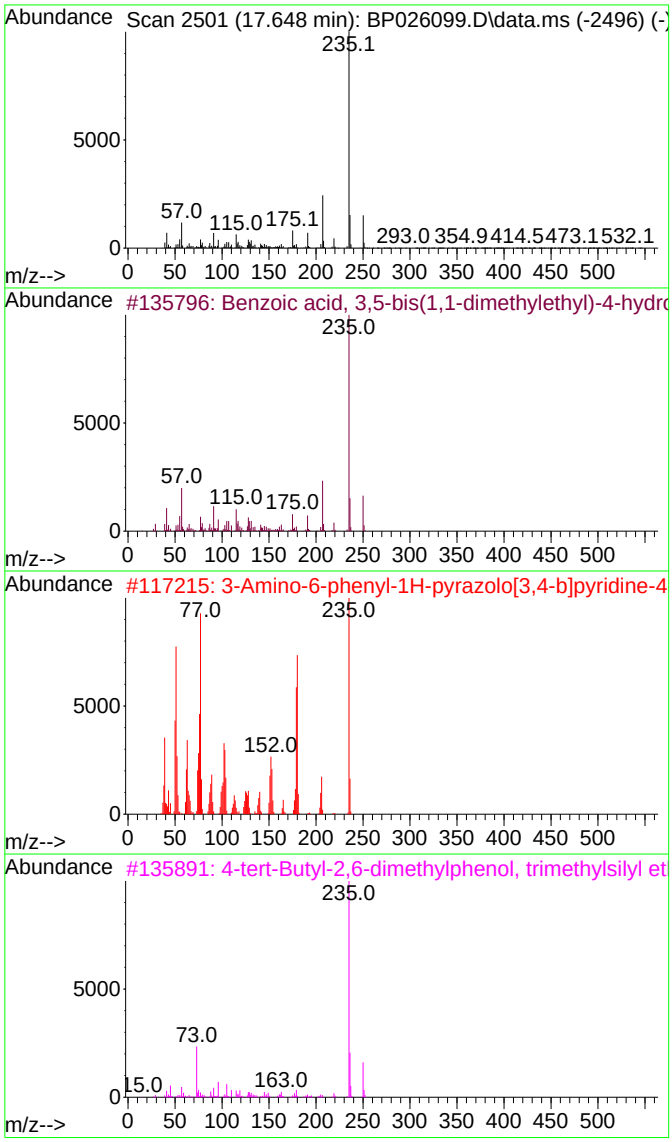
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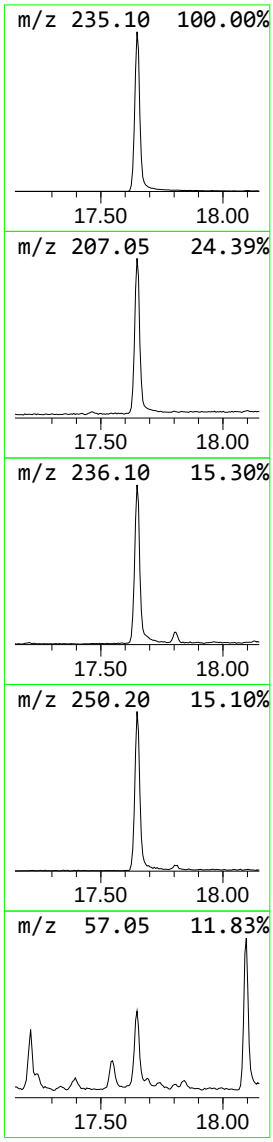
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Peak Number 13 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.648	13.83 ng	3044800	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	96
2	3-Amino-6-phenyl-1H-pyrazolo[3,4...	235	C13H9N5	1000410-58-2	90
3	4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	70
4	Hexobarbital-2(or 4)-methyl deri...	250	C13H18N2O3	1000123-51-5	59
5	6,7,8,9-Tetrahydro-1,2,3-trimeth...	250	C15H22O3	1000242-60-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
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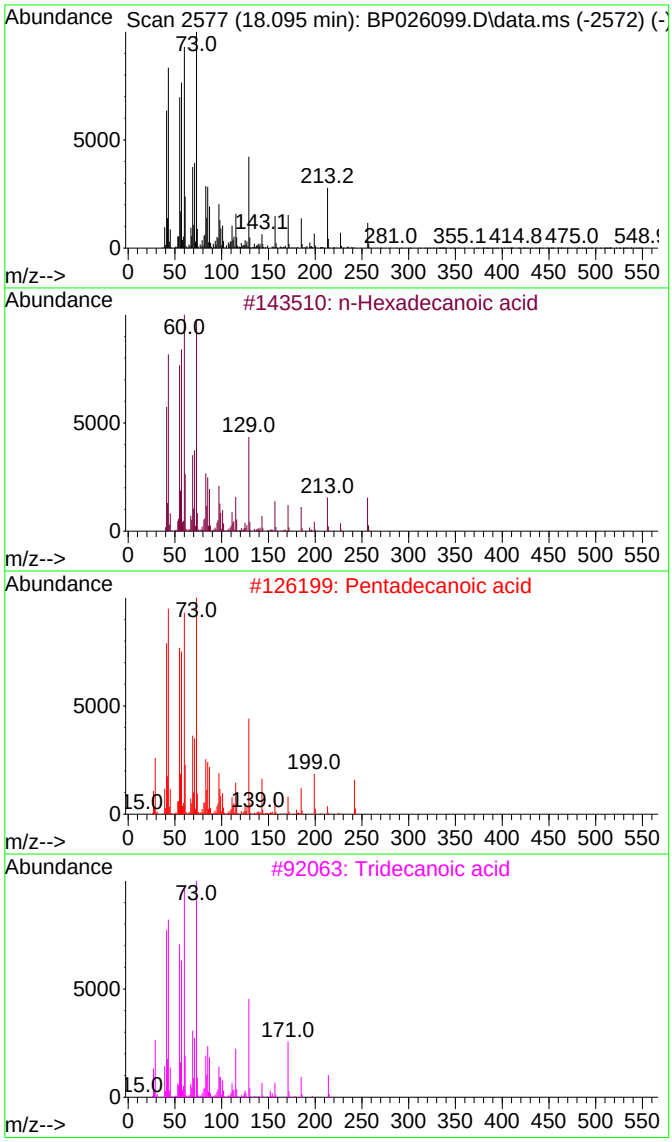
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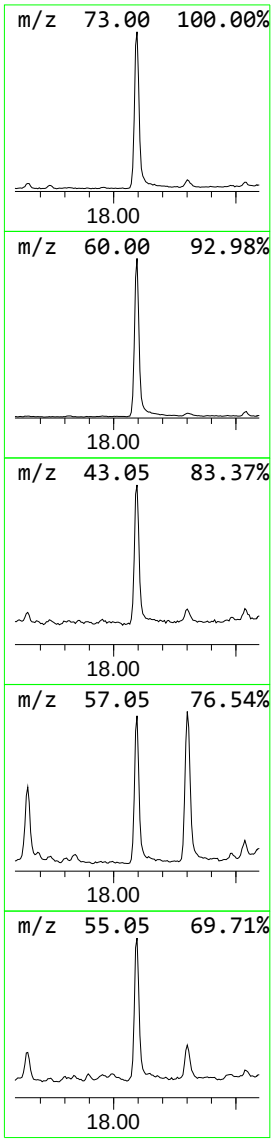
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Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	13.49 ng	2970890	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
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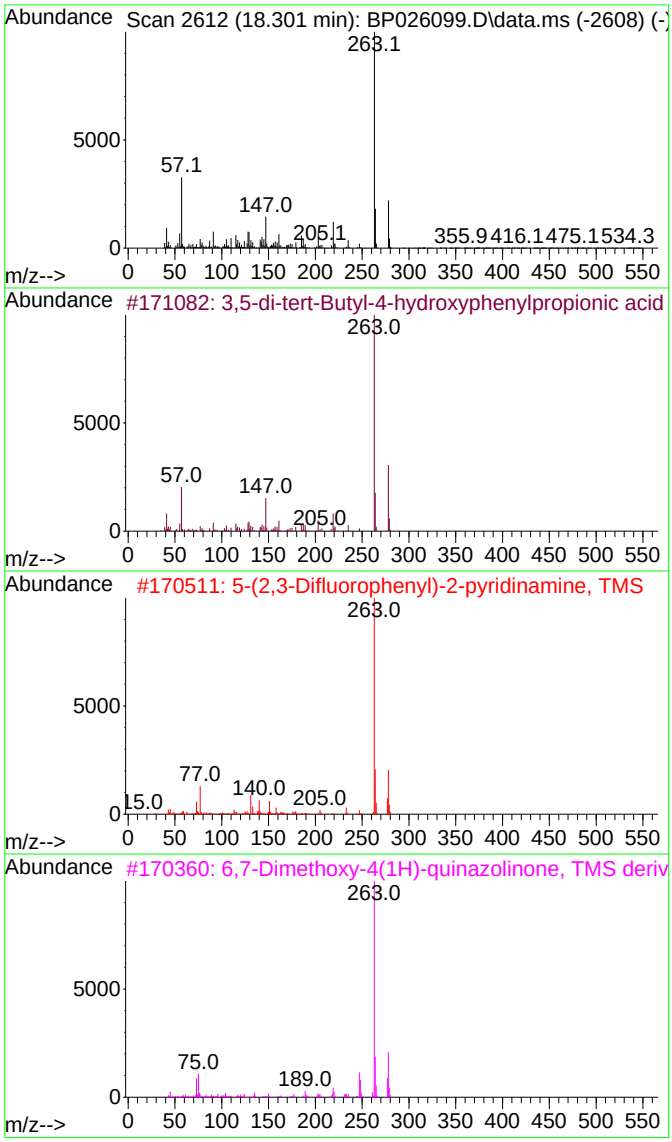
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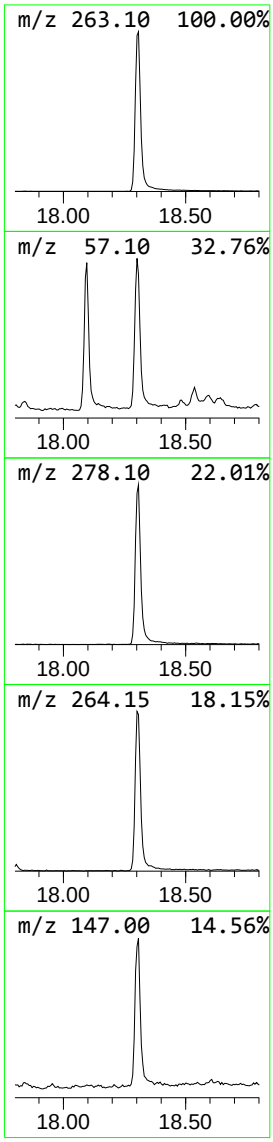
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Peak Number 15 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	14.05 ng	3093550	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	74
3	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	72
4	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	64
5	Cyanic acid, (1-methylethylidene...	278	C17H14N2O2	001156-51-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

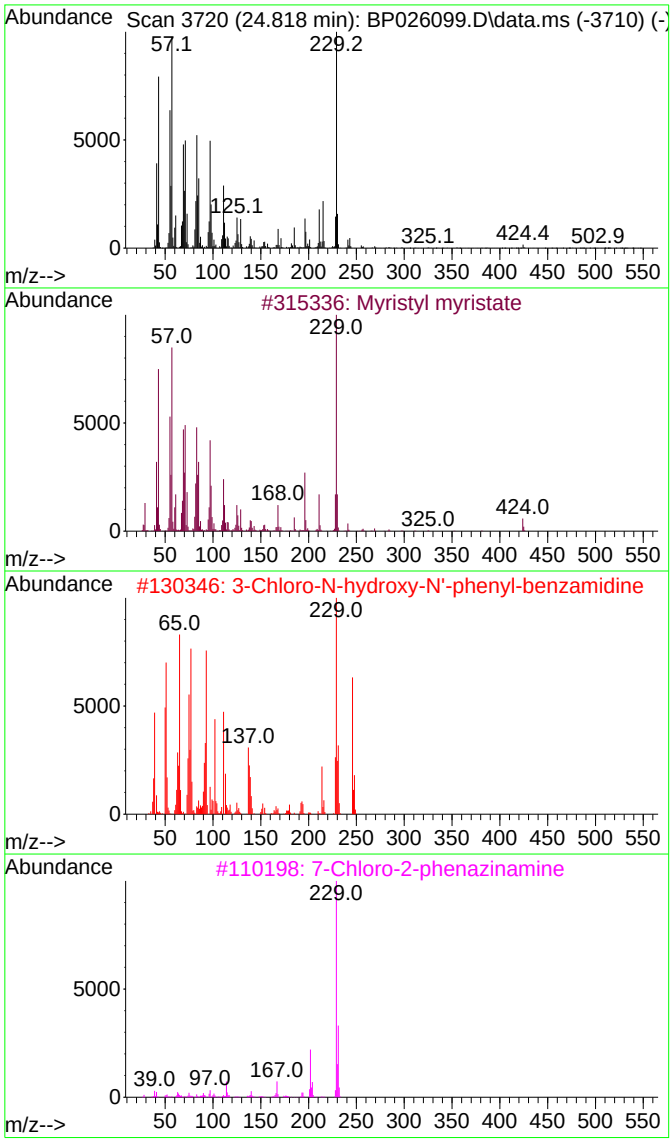
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

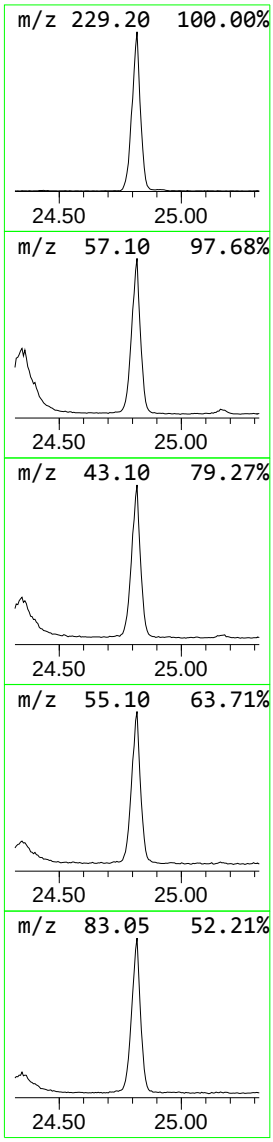
****

Peak Number 17 Myristyl myristate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.819	29.35 ng	8519050	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristyl myristate	424	C28H56O2	003234-85-3	93
2	3-Chloro-N-hydroxy-N'-phenyl-ben...	246	C13H11ClN2O	1000296-73-8	22
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	22
4	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18
5	Glutaric acid, 2,2,3,3-tetrafluo...	398	C19H30F4O4	1000394-01-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

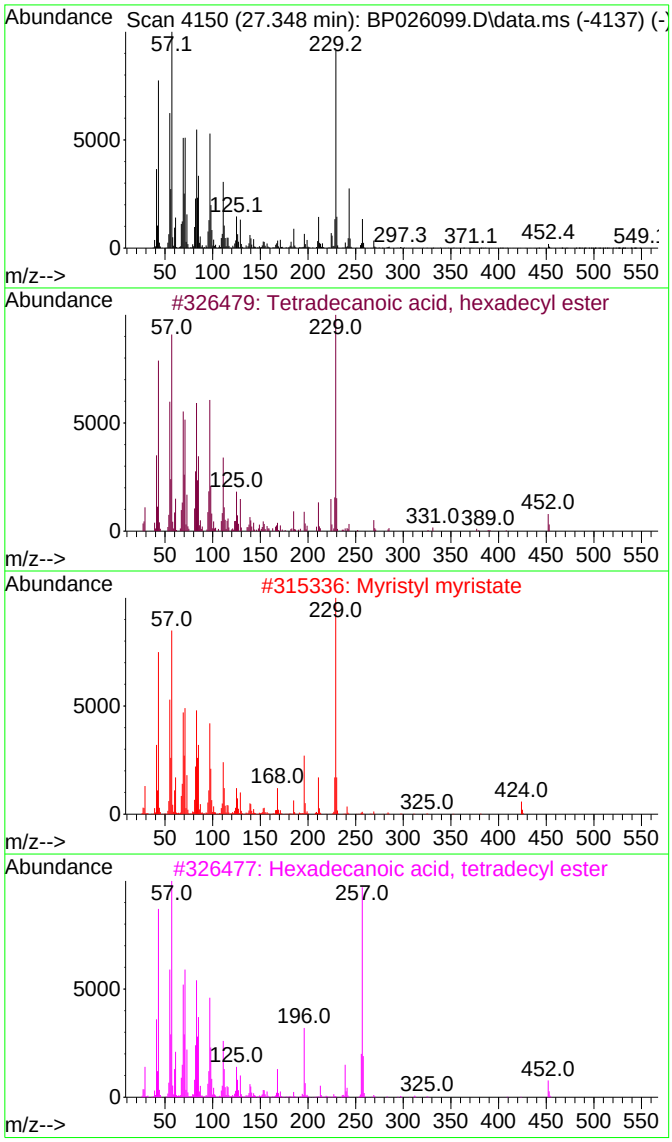
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

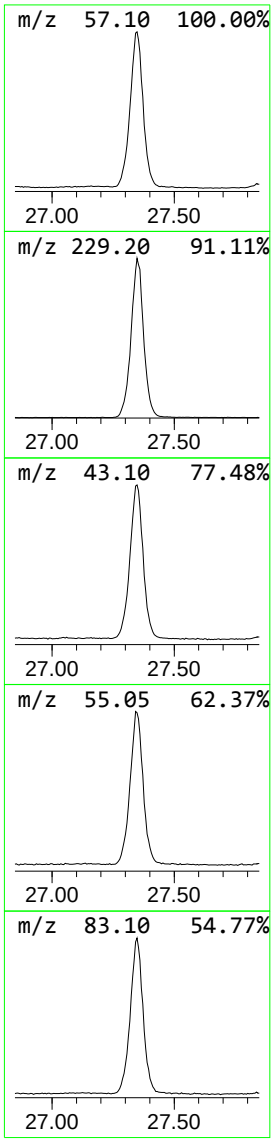
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Tetradecanoic acid, hexadec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.348	47.94 ng	13916300	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	93
2	Myristyl myristate	424	C28H56O2	003234-85-3	87
3	Hexadecanoic acid, tetradecyl ester	452	C30H60O2	004536-26-9	38
4	6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	18
5	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

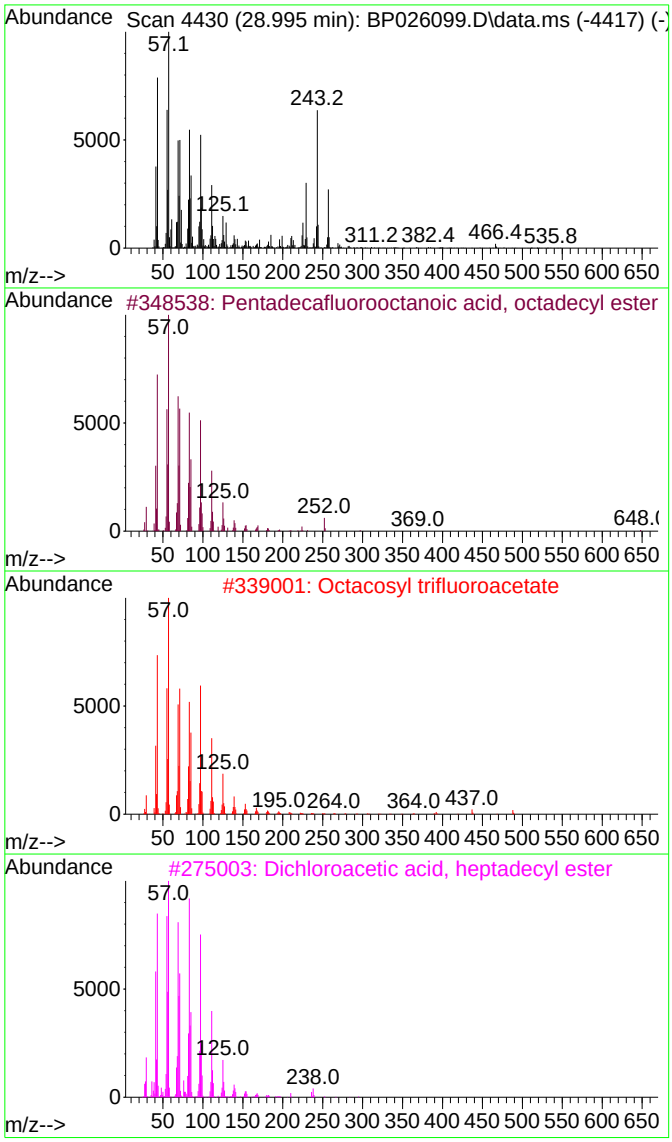
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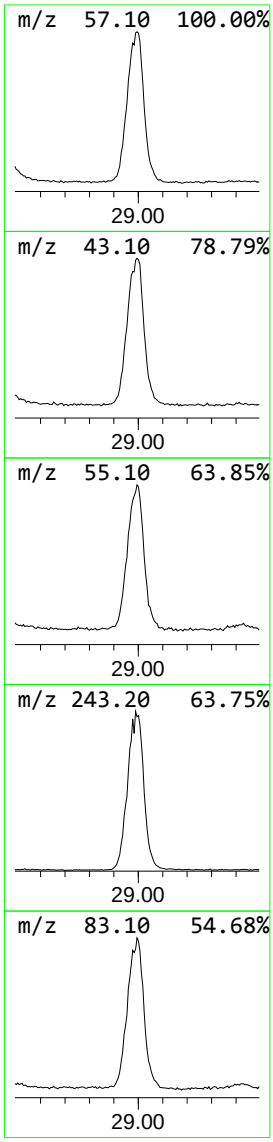
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Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.995	23.09 ng	6704160	Perylene-d12	24.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Hexadecyl pentadecanoate	466	C31H62O2	036617-33-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptanoic acid	8.284	15.0	ng	1329440	1	7.672	1771080	20.0
Phenol, 3-ethyl-	9.890	10.8	ng	1396750	2	10.443	2584240	20.0
Benzeneacetic acid	10.990	8.9	ng	1149940	2	10.443	2584240	20.0
Hydrocinnamic acid	12.278	17.1	ng	2206940	2	10.443	2584240	20.0
Diethyltoluamide	15.084	15.7	ng	3272620	3	14.313	4165030	20.0
Ibuprofen	15.401	33.6	ng	6999860	3	14.313	4165030	20.0
Benzophenone	15.701	9.1	ng	1894810	3	14.313	4165030	20.0
Benzenesulfonam...	16.931	8.6	ng	1892410	4	17.131	4404490	20.0
Benzoic acid, 3...	17.648	13.8	ng	3044800	4	17.131	4404490	20.0
n-Hexadecanoic ...	18.095	13.5	ng	2970890	4	17.131	4404490	20.0
3,5-di-tert-But...	18.301	14.1	ng	3093550	4	17.131	4404490	20.0
Myristyl myristate	24.819	29.4	ng	8519050	6	24.913	5806110	20.0
Tetradecanoic a...	27.348	47.9	ng	13916300	6	24.913	5806110	20.0
Pentadecafluoro...	28.995	23.1	ng	6704160	6	24.913	5806110	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 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

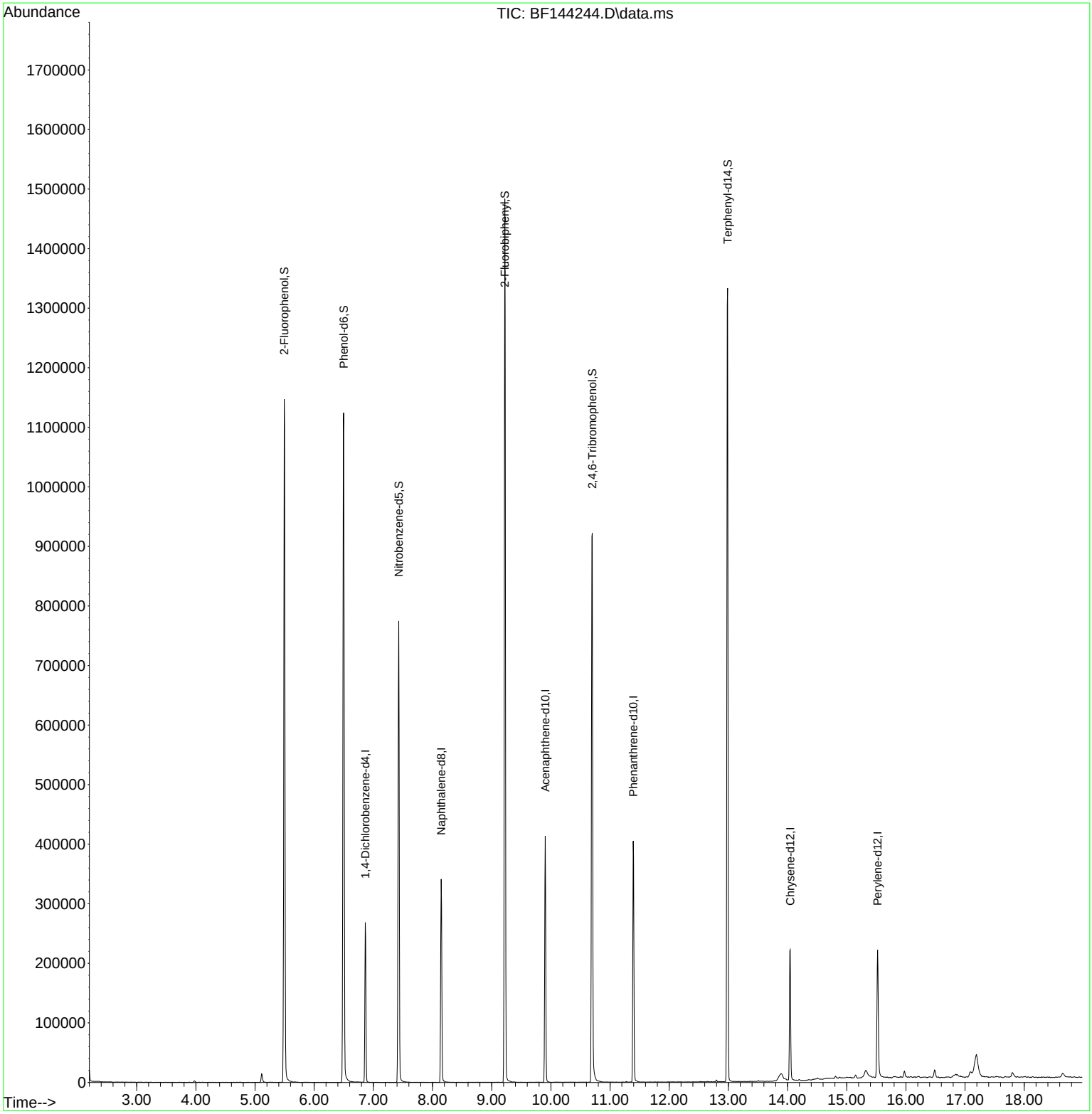
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125254	20.000	ng	0.00
86) Perylene-d12	15.521	264	146599	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	442296	118.955	ng	0.00
7) Phenol-d6	6.498	99	503178	119.434	ng	0.00
23) Nitrobenzene-d5	7.428	82	329373	84.032	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198023	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705126	80.818	ng	0.00
79) Terphenyl-d14	12.986	244	748766	94.955	ng	0.00
Target Compounds						Qvalue

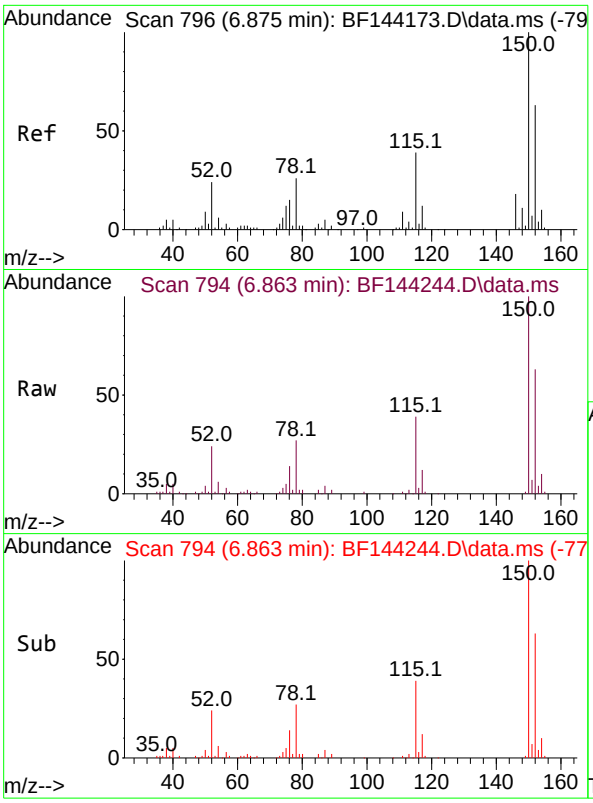
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 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



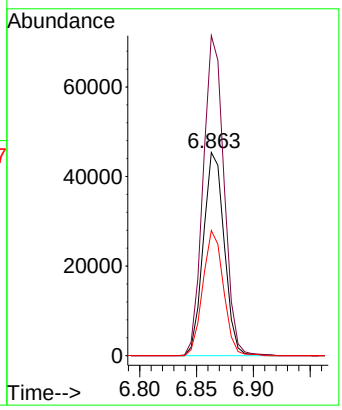


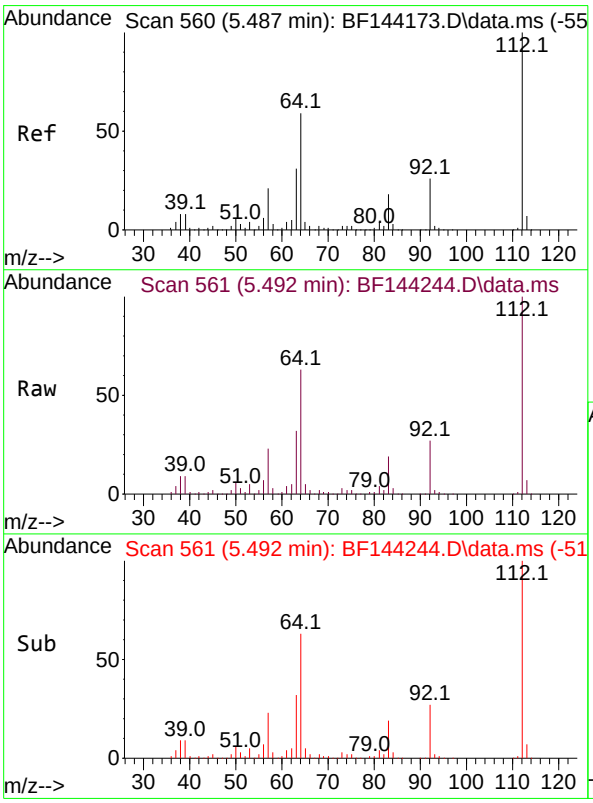
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:152 Resp: 58185

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	61.5	49.5	74.3

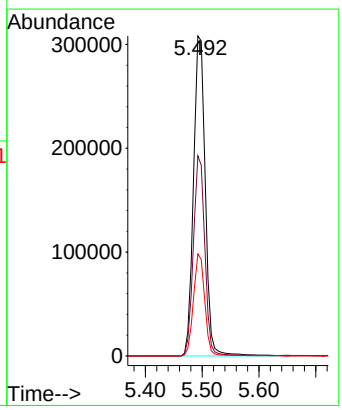


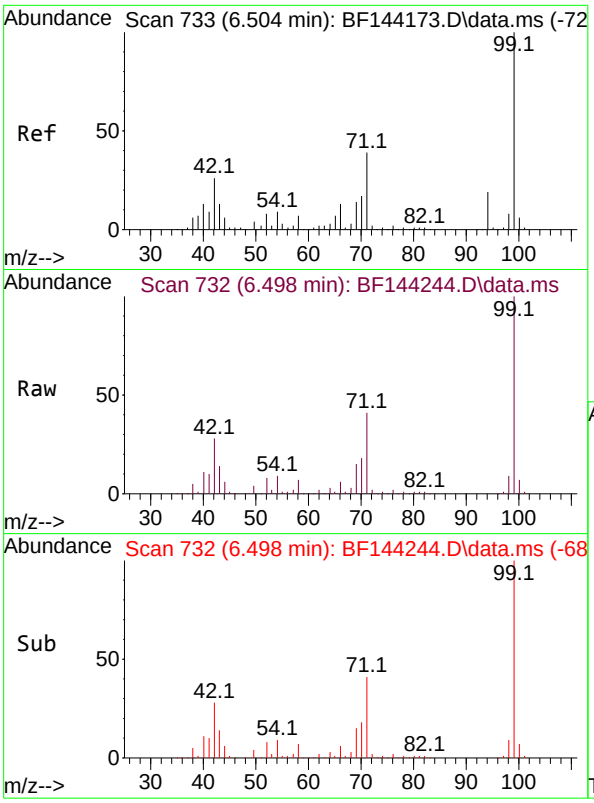


#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:112 Resp: 442296

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.2	70.8
63	31.8	24.4	36.6



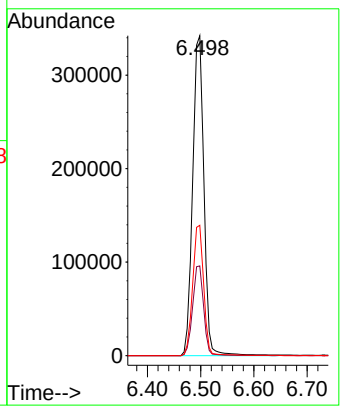


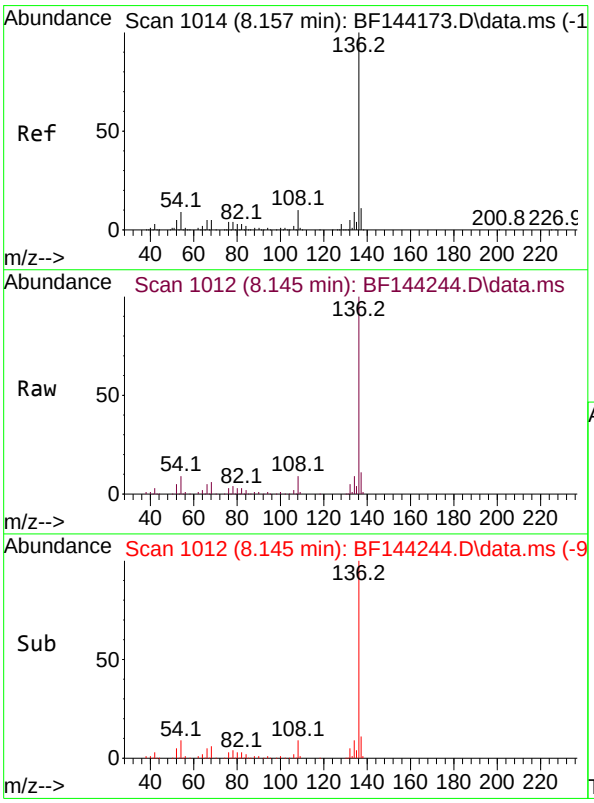
#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 99 Resp: 503178

Ion	Ratio	Lower	Upper
99	100		
42	28.1	20.9	31.3
71	40.7	31.4	47.2

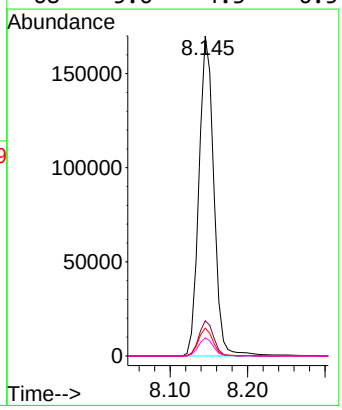


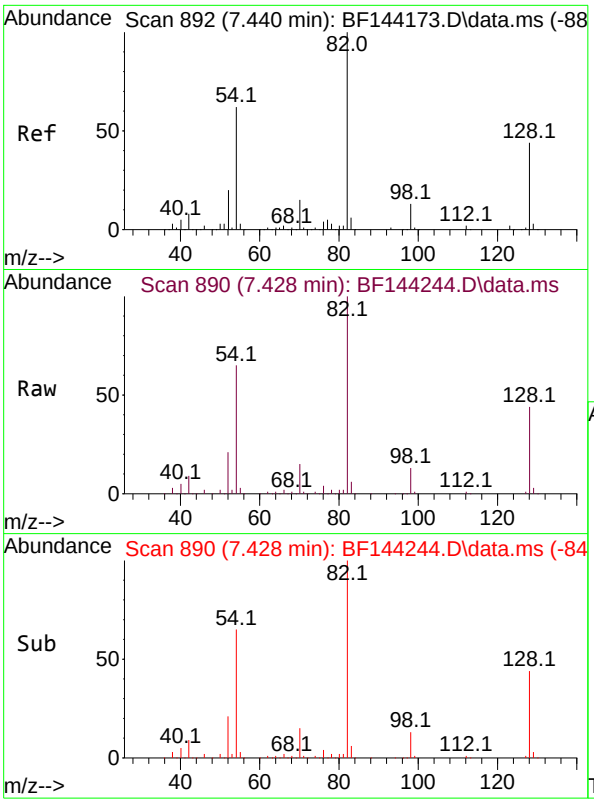


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:136 Resp: 226377

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.0	10.6
68	5.6	4.3	6.5



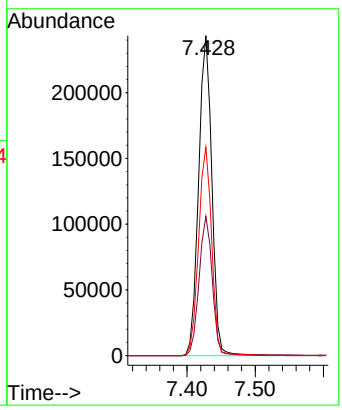


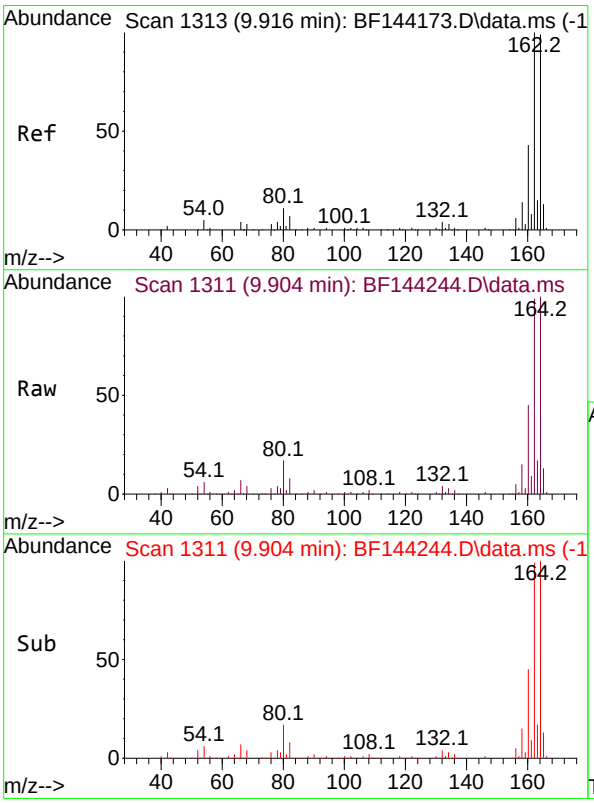
#23
Nitrobenzene-d5
Concen: 84.032 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion: 82 Resp: 329373

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.7	52.1
54	65.1	49.5	74.3

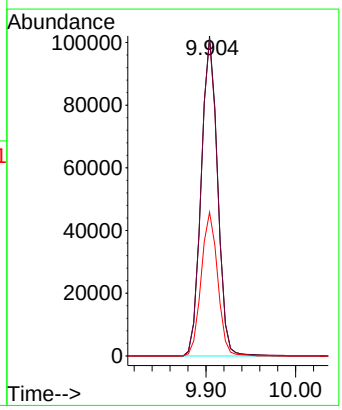


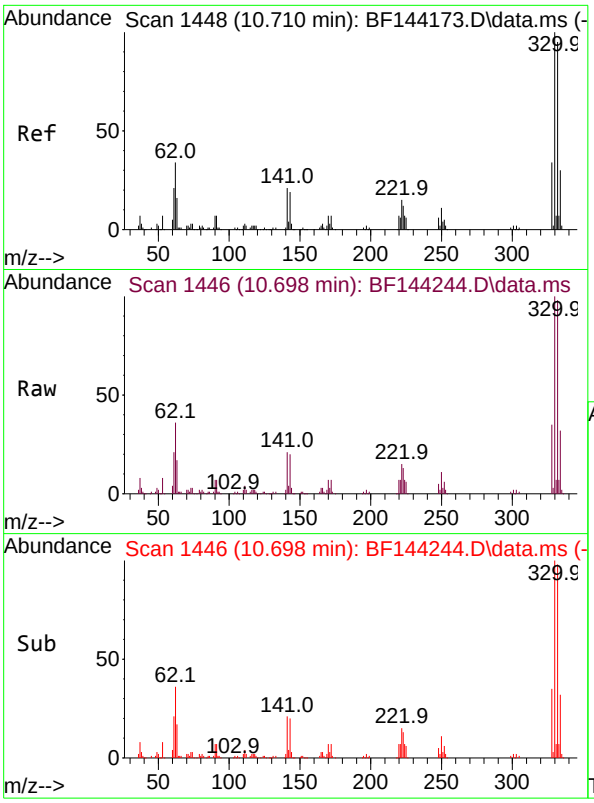


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:164 Resp: 128860

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.1	121.7
160	44.9	34.5	51.7



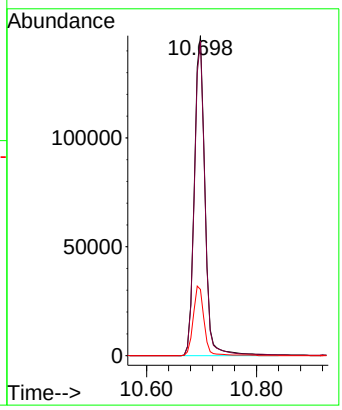


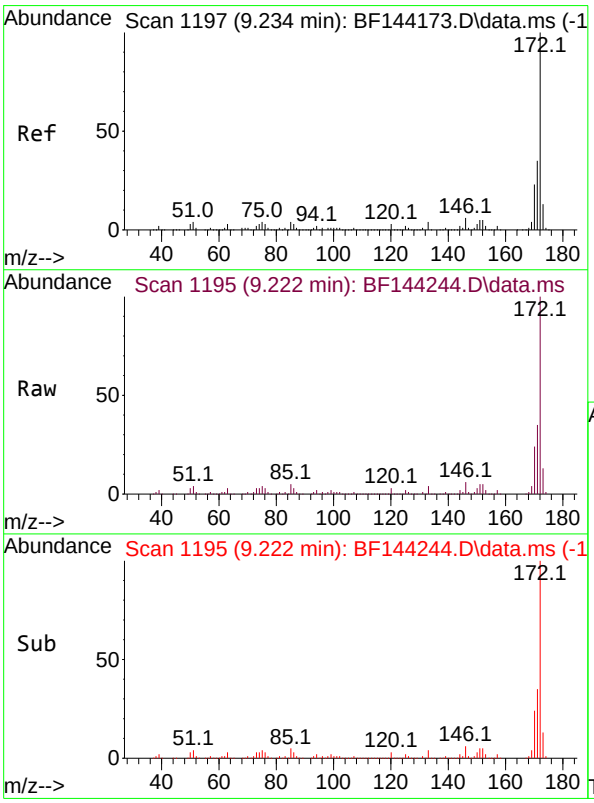
#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:330 Resp: 198023

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	22.1	17.8	26.8

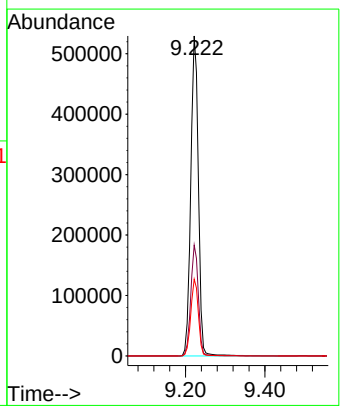


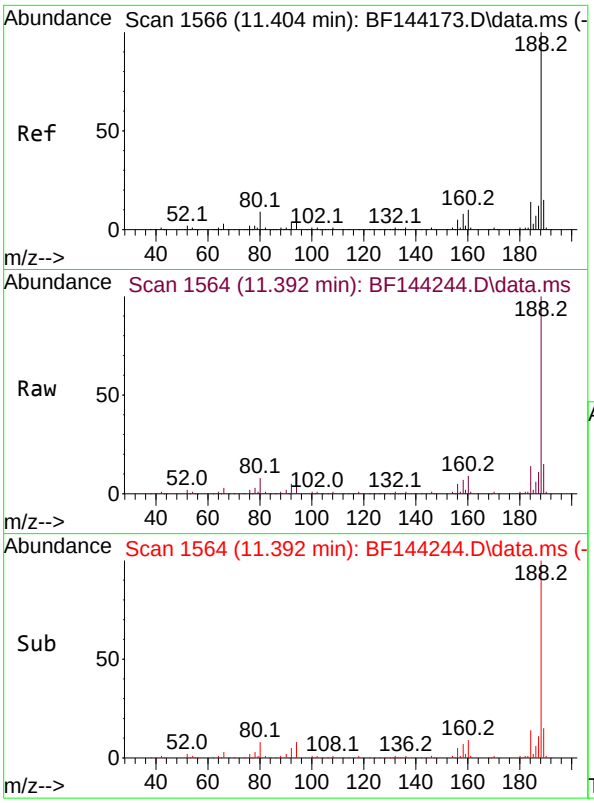


#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.0	18.6	28.0



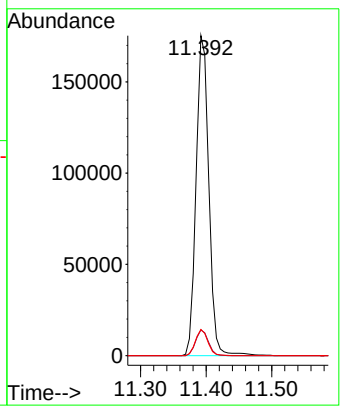


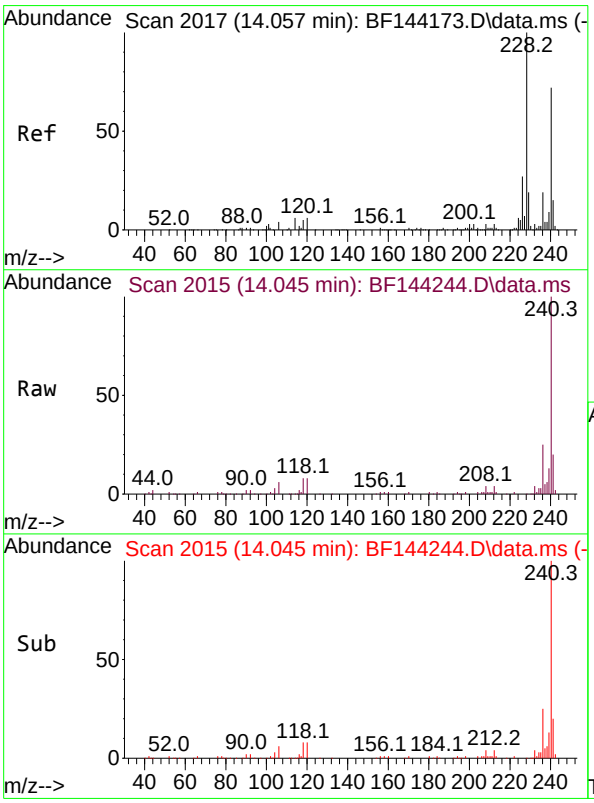
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:188 Resp: 235212

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.2	6.9	10.3

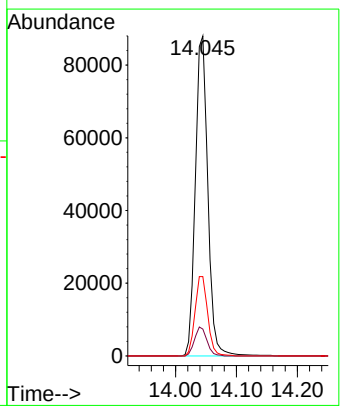


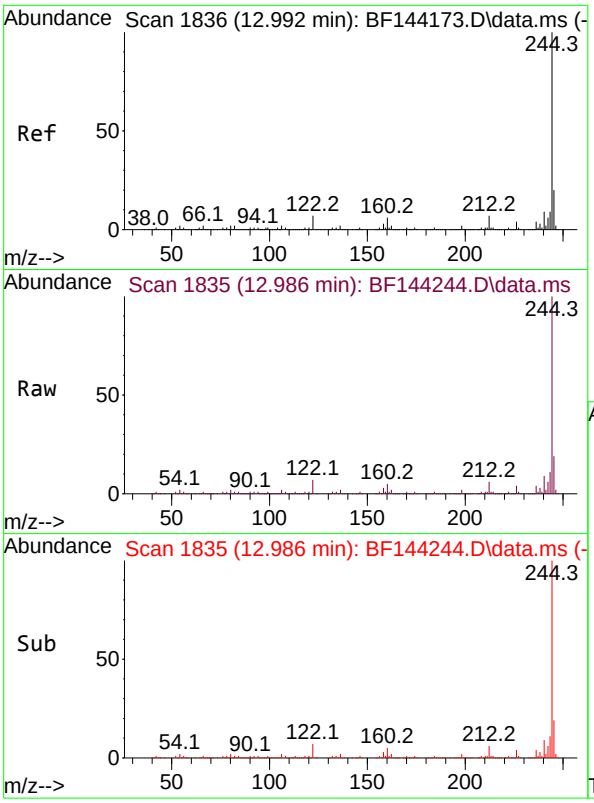


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:240 Resp: 125254

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	24.8	21.4	32.2



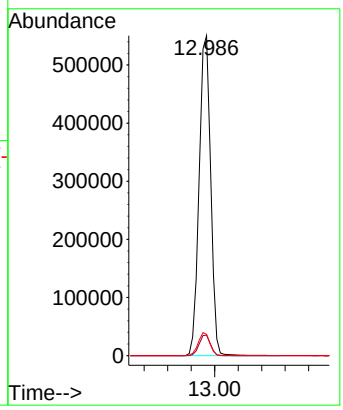


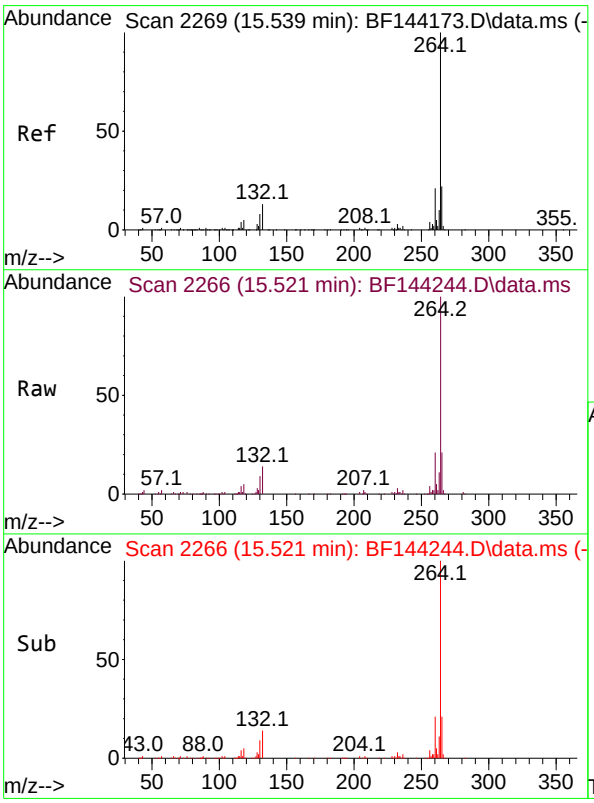
#79
Terphenyl-d14
Concen: 94.955 ng
RT: 12.986 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Tgt Ion:244 Resp: 748766

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.7	5.6	8.4

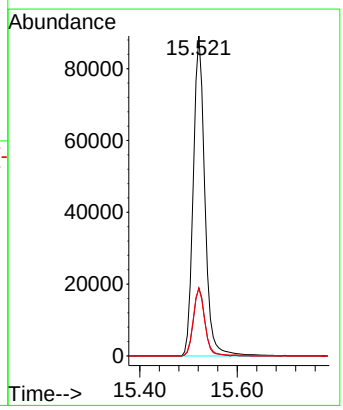




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:264 Resp: 146599

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.1	25.7
265	21.1	17.4	26.0



Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

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: BF144244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	509	rBV	14232	24684	1.27%	0.204%
2	5.492	556	561	588	rBV	1146669	1596327	82.21%	13.172%
3	6.498	726	732	751	rBV	1124184	1627688	83.83%	13.431%
4	6.863	789	794	805	rVB	268525	337739	17.39%	2.787%
5	7.428	884	890	908	rBV	774534	1037948	53.46%	8.565%
6	8.145	1007	1012	1020	rBV	341110	443322	22.83%	3.658%
7	9.222	1189	1195	1217	rBV	1483418	1941711	100.00%	16.022%
8	9.904	1306	1311	1324	rBV	412855	518090	26.68%	4.275%
9	10.698	1440	1446	1480	rBV	921549	1286795	66.27%	10.618%
10	11.392	1559	1564	1584	rVB	404734	535355	27.57%	4.418%
11	12.986	1829	1835	1840	rBV	1331973	1807471	93.09%	14.915%
12	13.892	1973	1989	2006	rBV5	11973	66320	3.42%	0.547%
13	14.045	2009	2015	2026	rVB	218786	307574	15.84%	2.538%
14	15.321	2227	2232	2246	rVB8	10189	32017	1.65%	0.264%
15	15.521	2260	2266	2280	rBV	214032	353610	18.21%	2.918%
16	16.486	2425	2430	2437	rVB3	12161	23475	1.21%	0.194%
17	17.192	2540	2550	2566	rVB2	36831	158141	8.14%	1.305%
18	17.798	2649	2653	2664	rVB6	7814	20527	1.06%	0.169%

Sum of corrected areas: 12118794

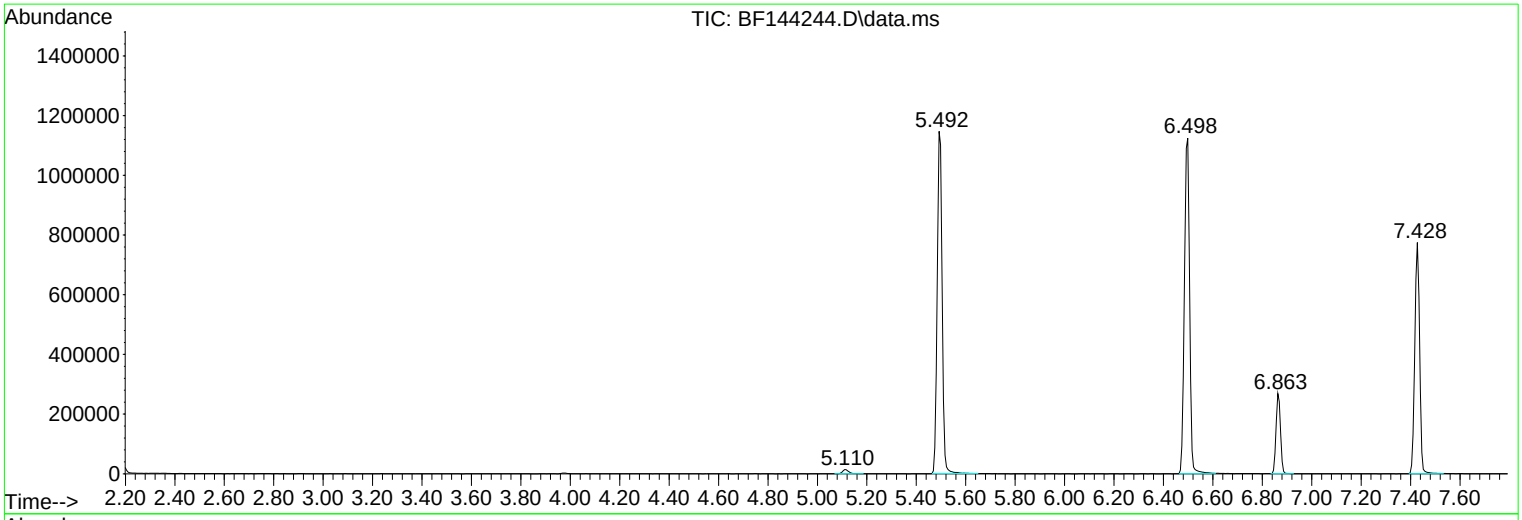
Sample Results: **BF144244.D**

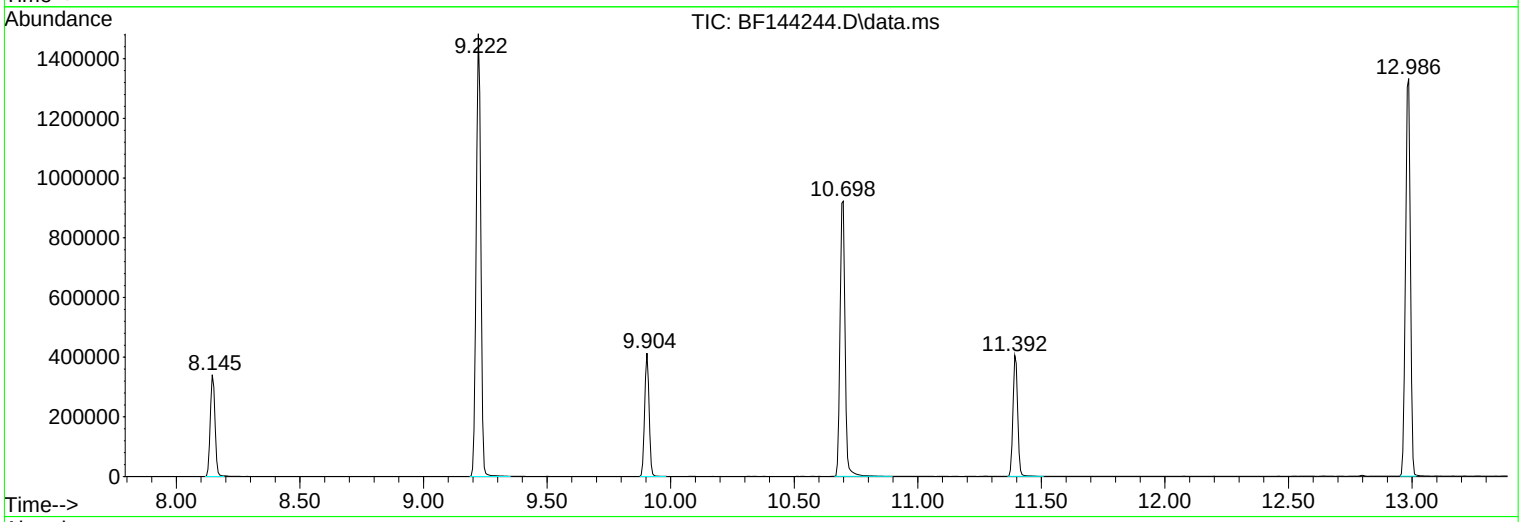
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

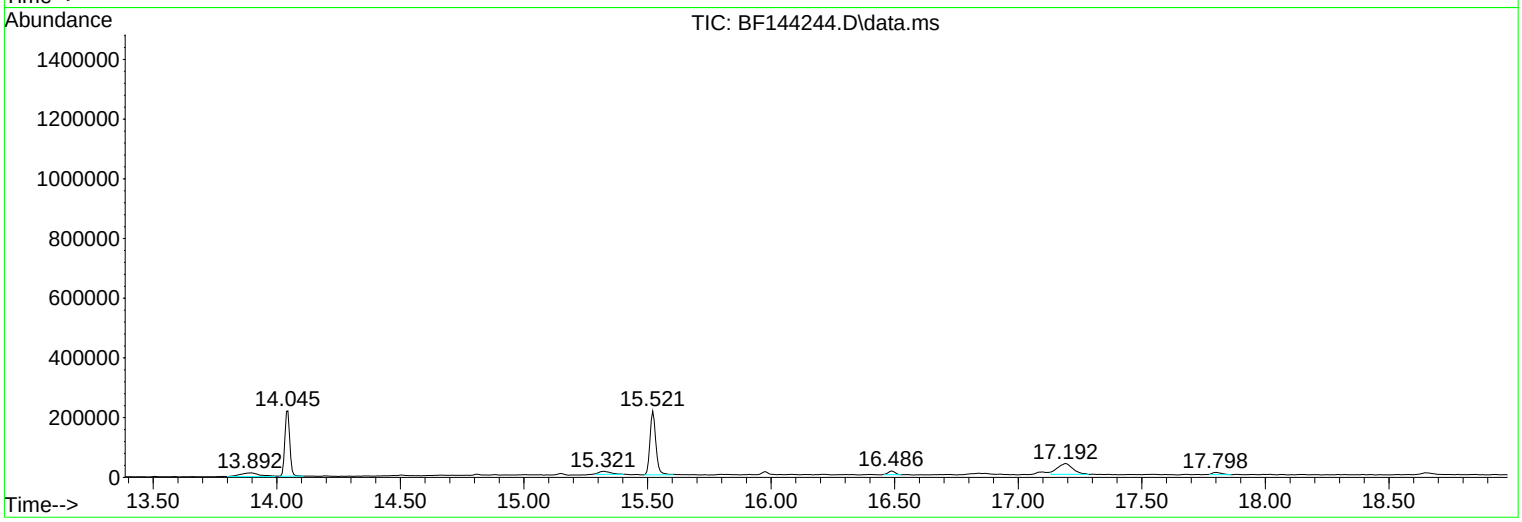
Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p







Library Search Compound Report

Sample Results: **BF144244.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

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

Sample Results: **BF144245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng		0.00
86) Perylene-d12	15.527	264	157737	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	467740	119.127	ng		0.00
7) Phenol-d6	6.504	99	533527	119.923	ng		0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng		0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng		98
3) Pyridine	3.463	79	179124	39.552	ng		99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng		97
6) Aniline	6.528	93	207544	32.743	ng	#	81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng		98
9) Benzaldehyde	6.416	77	102064	40.627	ng		93
10) Phenol	6.516	94	229486	42.219	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng		97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng		97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng		99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng		99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng		98
17) 2-Methylphenol	7.122	107	133634	43.625	ng		97
18) Hexachloroethane	7.375	117	69026	43.646	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng		94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng		96
22) Acetophenone	7.275	105	223896	42.871	ng		93
24) Nitrobenzene	7.451	77	195475	42.710	ng		100
25) Isophorone	7.687	82	353672	44.357	ng		100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng		99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng		98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng		95
31) Naphthalene	8.169	128	482201	41.638	ng		99
32) Benzoic acid	7.934	122	106932	42.959	ng		98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng		100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng		96
35) Caprolactam	8.592	113	49172m	45.858	ng		
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng		98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng		99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng		98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

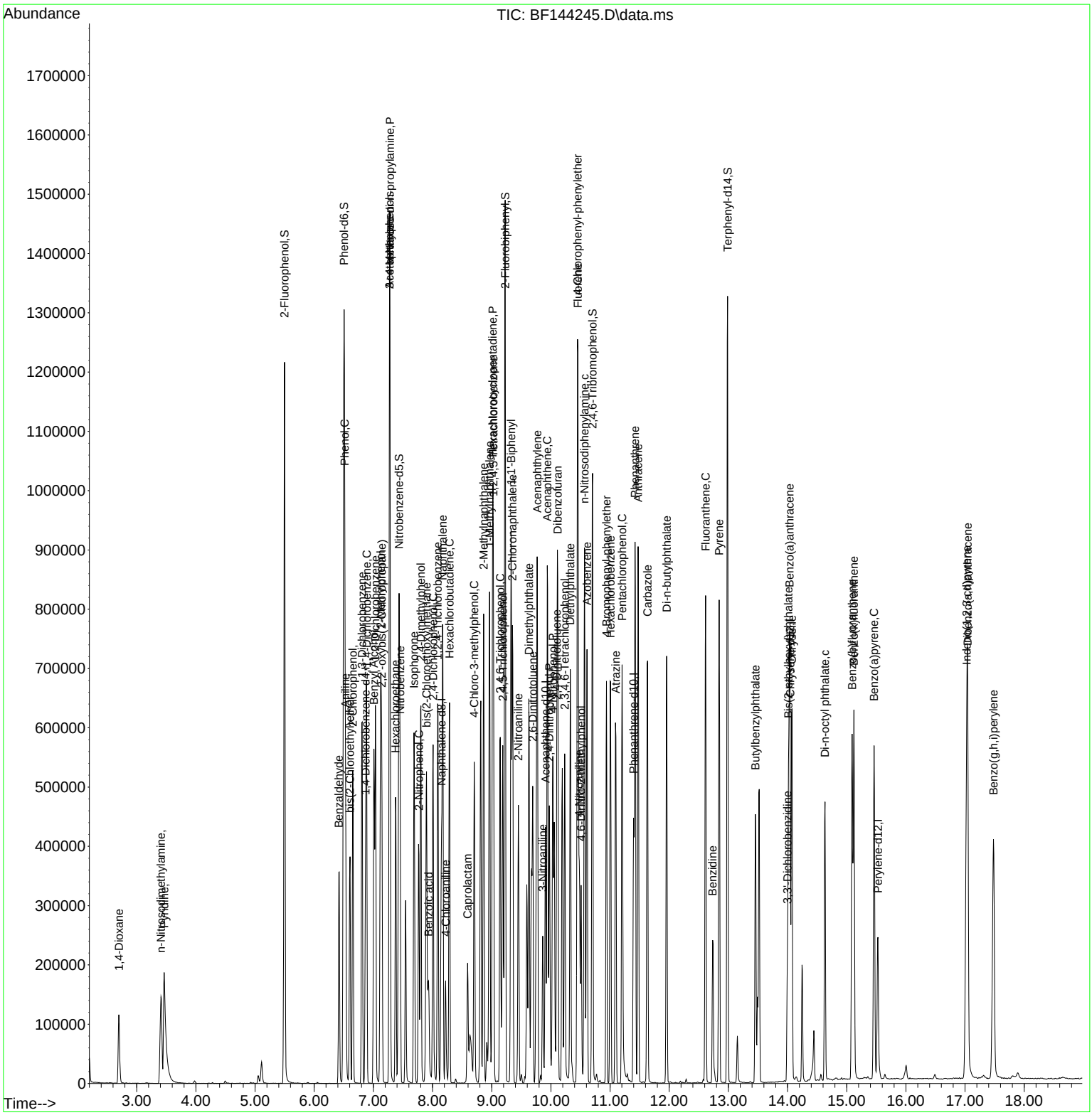
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng		0.00
86) Perylene-d12	15.521	264	155276	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	455253	121.093	ng		0.00
7) Phenol-d6	6.498	99	518984	121.831	ng		0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng		0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng		99
3) Pyridine	3.463	79	173054	39.908	ng		99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng		94
6) Aniline	6.534	93	200047	32.961	ng		99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng		98
9) Benzaldehyde	6.422	77	98326	40.876	ng		99
10) Phenol	6.516	94	224574	43.149	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng		97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng		99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng		99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng		98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng		98
17) 2-Methylphenol	7.122	107	133795	45.616	ng		98
18) Hexachloroethane	7.375	117	66267	43.761	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng		96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng		94
22) Acetophenone	7.275	105	218214	42.108	ng	#	92
24) Nitrobenzene	7.451	77	191943	42.265	ng		99
25) Isophorone	7.686	82	345984	43.731	ng		99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng		95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng		97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng		97
31) Naphthalene	8.169	128	471894	41.066	ng		100
32) Benzoic acid	7.934	122	103430	41.876	ng		95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng		99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng		97
35) Caprolactam	8.592	113	50453m	47.419	ng		
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng		99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng		99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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

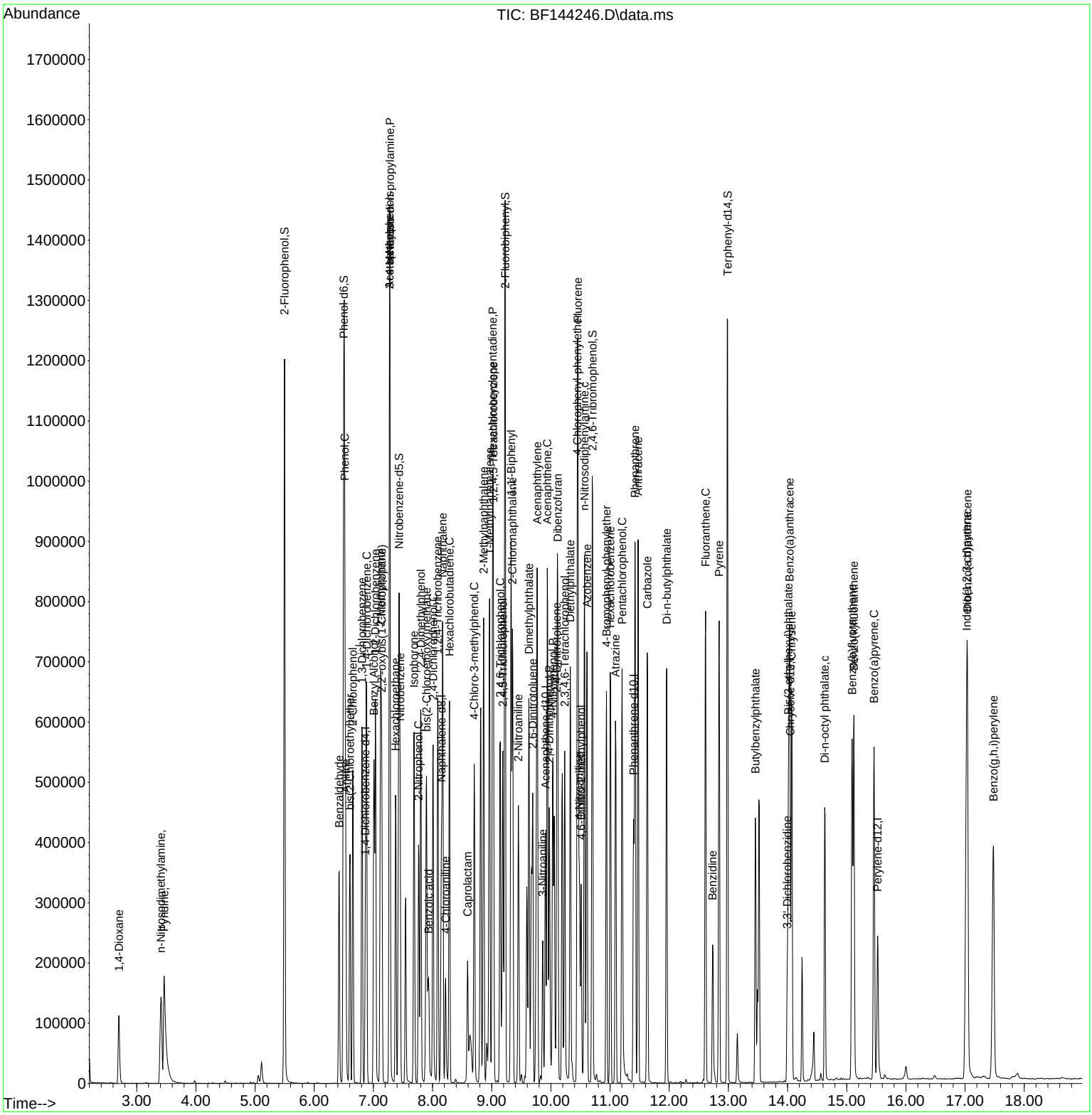
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF111125	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:	Bf111325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170473BS	BF144245.D	Caprolactam	Jagrut	11/14/2025 11:02:28 AM	Sohil	11/14/2025 12:25:32 PM	Peak Integrated by Software
PB170473BSD	BF144246.D	Caprolactam	Jagrut	11/14/2025 11:02:30 AM	Sohil	11/14/2025 12:25:34 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM				
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM				
SubDirectory	BF110525	HP Acquire Method	BNA_F		HP Processing Method	BF110525	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM				
SubDirectory	BF111125	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144242.D	13 Nov 2025 14:26	RC/JU	Ok
2	SSTDCCC040	BF144243.D	13 Nov 2025 14:56	RC/JU	Ok
3	PB170473BL	BF144244.D	13 Nov 2025 15:25	RC/JU	Ok
4	PB170473BS	BF144245.D	13 Nov 2025 15:55	RC/JU	Ok,M
5	PB170473BSD	BF144246.D	13 Nov 2025 16:24	RC/JU	Ok,M
6	Q3574-01	BF144247.D	13 Nov 2025 16:54	RC/JU	Ok
7	Q3609-03	BF144248.D	13 Nov 2025 17:24	RC/JU	Ok
8	Q3609-03MS	BF144249.D	13 Nov 2025 17:54	RC/JU	Ok,M
9	Q3609-03MSD	BF144250.D	13 Nov 2025 18:23	RC/JU	Ok,M
10	SSTDCCC040	BF144251.D	13 Nov 2025 18:53	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM				
SubDirectory	BP111125	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	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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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	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	S13182,10ul/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	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33		RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-(	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-(	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C(	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C(	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-(	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-(	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM		
SubDirectory	BF111325	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	S13182,10ul/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	BF144242.D	13 Nov 2025 14:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144243.D	13 Nov 2025 14:56		RC/JU	Ok
3	PB170473BL	PB170473BL	BF144244.D	13 Nov 2025 15:25		RC/JU	Ok
4	PB170473BS	PB170473BS	BF144245.D	13 Nov 2025 15:55		RC/JU	Ok,M
5	PB170473BSD	PB170473BSD	BF144246.D	13 Nov 2025 16:24		RC/JU	Ok,M
6	Q3574-01	304641-01 Liquid	BF144247.D	13 Nov 2025 16:54		RC/JU	Ok
7	Q3609-03	AU-713-COMP-01	BF144248.D	13 Nov 2025 17:24		RC/JU	Ok
8	Q3609-03MS	AU-713-COMP-01MS	BF144249.D	13 Nov 2025 17:54		RC/JU	Ok,M
9	Q3609-03MSD	AU-713-COMP-01MSD	BF144250.D	13 Nov 2025 18:23		RC/JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF144251.D	13 Nov 2025 18:53		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	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	S13182,10ul/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	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,65,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59		RC/JU	Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	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	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170473

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/10/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/10/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:40
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	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.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25	RS (Ext lab)	JY/ SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170473

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170473BL	SBLK473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170473BS	SLCS473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170473BSD	SLCSD473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		4
Q3569-02	MW-12	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		5
Q3574-01	304641-01 LIQUID	SVOC-PAH	810	6	RUPESH	ritesh	1	I		6
Q3584-01	SW-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		7
Q3584-02	SW-2	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		8
Q3584-03	SW-3	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9
Q3584-04	EB-2	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	G		10
Q3584-05	FB-2	SVOC-TCL BNA -20	700	6	RUPESH	ritesh	1	H		11
Q3584-07	SEEP-1	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		12

RS
11/10

* **Extracts relinquished on the same date as received.**

1704473
S.W.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569 **WorkList ID :** 193017 **Department :** Extraction **Date :** 11-10-2025 08:35:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3569-02	MW-12	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	Cool 4 deg C	PACI01	J22	11/04/2025	8270E
Q3584-01	SW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/06/2025	8270E
Q3584-02	SW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/07/2025	8270E
Q3584-03	SW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-04	EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/06/2025	8270E
Q3584-05	FB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-07	SEEP-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E

Date/Time 11/10/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by:

Date/Time 11/10/25 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	
			SVOC-TCL BNA -20	8270E		11/10/25	11/11/25	
Q3584-07DL	**SEEP-1DL**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-2								
Q3584-04	EB-2	WATER	1,4-Dioxane	0.070	J	0.07	0.2	ug/L
			Total Svoc :			**0.07**		
			Total Concentration:			**0.07**		
Client ID : FB-2								
Q3584-05	FB-2	WATER	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :			**0.10**		
			Total Concentration:			**0.10**		
Client ID : SEEP-1								
Q3584-07	SEEP-1	WATER	1,4-Dioxane	11.300	E	0.07	0.2	ug/L
			Total Svoc :			**11.30**		
			Total Concentration:			**11.30**		
Client ID : SEEP-1DL								
Q3584-07DL	SEEP-1DL	WATER	1,4-Dioxane	10.500	D	0.33	1	ug/L
			Total Svoc :			**10.50**		
			Total Concentration:			**10.50**		

SAMPLE DATA

Raw Data: **BN038188.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:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-01			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:	11/11/25		

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	11/12/25 12:32	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.32			30 (54) - 150 (157)	80%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	75%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.53	*		30 (54) - 130 (175)	133%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8890							
1146-65-2	Naphthalene-d8	28300							
15067-26-2	Acenaphthene-d10	16600							
1517-22-2	Phenanthrene-d10	28500							
1719-03-5	Chrysene-d12	16700							
1520-96-3	Perylene-d12	16200							

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: **BN038191.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			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:	11/11/25		

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	11/12/25 14:21	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.26			30 (47) - 150 (106)	66%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.30			30 (54) - 150 (157)	75%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.28			30 (56) - 130 (116)	70%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.27			30 (50) - 130 (126)	68%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.52			30 (54) - 130 (175)	130%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	8720							
1146-65-2	Naphthalene-d8	27800							
15067-26-2	Acenaphthene-d10	16500							
1517-22-2	Phenanthrene-d10	29800							
1719-03-5	Chrysene-d12	16700							
1520-96-3	Perylene-d12	15600							

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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: **BN038190.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			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:	11/11/25		

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	11/12/25 13:45	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.31			30 (54) - 150 (157)	78%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.31			30 (56) - 130 (116)	78%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (50) - 130 (126)	75%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.51			30 (54) - 130 (175)	128%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	7950							
1146-65-2	Naphthalene-d8	25900							
15067-26-2	Acenaphthene-d10	15100							
1517-22-2	Phenanthrene-d10	26400							
1719-03-5	Chrysene-d12	15400							
1520-96-3	Perylene-d12	15000							

U = Not Detected
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MDL = Method Detection Limit
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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: **BN038192.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:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	EB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-04			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	J	1	0.070	0.20	ug/L	11/12/25 14:58	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.31			30 (47) - 150 (106)	77%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.34			30 (56) - 130 (116)	84%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.33			30 (50) - 130 (126)	82%	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	7970							
1146-65-2	Naphthalene-d8	24600							
15067-26-2	Acenaphthene-d10	14300							
1517-22-2	Phenanthrene-d10	23400							
1719-03-5	Chrysene-d12	13700							
1520-96-3	Perylene-d12	13500							

U = Not Detected
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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: **BN038193.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	FB-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-05			Matrix:	Water
Analytical Method:	SW8270ESIM	Level:	LOW	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.10	J	1	0.070	0.20	ug/L	11/12/25 15:34	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.34			30 (47) - 150 (106)	84%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	87%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.39			30 (50) - 130 (126)	97%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.54	*		30 (54) - 130 (175)	135%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	7530							
1146-65-2	Naphthalene-d8	22800							
15067-26-2	Acenaphthene-d10	12600							
1517-22-2	Phenanthrene-d10	19700							
1719-03-5	Chrysene-d12	13000							
1520-96-3	Perylene-d12	12900							

U = Not Detected
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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: **BN038200.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SEEP-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-07			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:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	11.3	E	1	0.070	0.20	ug/L	11/13/25 13:27	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.29			30 (47) - 150 (106)	72%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.25			30 (54) - 150 (157)	62%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	75%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.26			30 (50) - 130 (126)	65%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.31			30 (54) - 130 (175)	77%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	539000							
1146-65-2	Naphthalene-d8	1790000							
15067-26-2	Acenaphthene-d10	1020000							
1517-22-2	Phenanthrene-d10	1650000							
1719-03-5	Chrysene-d12	1150000							
1520-96-3	Perylene-d12	1250000							

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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: **BN038201.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:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SEEP-1DL			SDG No.:	Q3584
Lab Sample ID:	Q3584-07DL			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:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	10.5	D	5	0.33	1.00	ug/L	11/13/25 15:52	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.28			30 (47) - 150 (106)	69%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.24			30 (54) - 150 (157)	59%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.27			30 (56) - 130 (116)	66%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.26			30 (50) - 130 (126)	64%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.34			30 (54) - 130 (175)	84%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	110000							
1146-65-2	Naphthalene-d8	385000							
15067-26-2	Acenaphthene-d10	237000							
1517-22-2	Phenanthrene-d10	446000							
1719-03-5	Chrysene-d12	279000							
1520-96-3	Perylene-d12	242000							

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MDL = Method Detection Limit
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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.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170483BL	PB170483BL	2-Methylnaphthalene-d10	0.4	0.35	87		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	92		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.46	116		30 (54)	130 (175)
PB170483BS	PB170483BS	2-Methylnaphthalene-d10	0.4	0.36	91		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.37	93		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
PB170483BSD	PB170483BSD	2-Methylnaphthalene-d10	0.4	0.37	93		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.28	69		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	95		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)
Q3584-01	SW-1	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	75		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.53	133	*	30 (54)	130 (175)
Q3584-02	SW-2	2-Methylnaphthalene-d10	0.4	0.26	66		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.30	75		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.28	70		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.27	68		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.52	130		30 (54)	130 (175)
Q3584-03	SW-3	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.31	78		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	78		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.30	75		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.51	128		30 (54)	130 (175)
Q3584-04	EB-2	2-Methylnaphthalene-d10	0.4	0.31	77		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.33	82		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.54	136	*	30 (54)	130 (175)
Q3584-05	FB-2	2-Methylnaphthalene-d10	0.4	0.34	84		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.39	97		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)
Q3584-07	SEEP-1	2-Methylnaphthalene-d10	0.4	0.29	72		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.25	62		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.26	65		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.31	77		30 (54)	130 (175)
Q3584-07DL	SEEP-1DL	2-Methylnaphthalene-d10	0.4	0.28	69		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.24	59		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.27	66		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.26	64		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.34	84		30 (54)	130 (175)

( ) = 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.: Q3584 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038185.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170483BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

( ) = 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.: Q3584 **Analytical Method:** 8270-Modified

Client: Remington & Vernick Engineers **DataFile:** BN038186.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170483BSD	1,4-Dioxane	0.4	0.31	ug/L	78	3			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170483BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BN038184.D | Lab Sample ID: PB170483BL

Instrument ID: BNA_N | Date Extracted: 11/11/2025

Matrix: (soil/water) Water | Date Analyzed: 11/12/2025

Level: (low/med) LOW | Time Analyzed: 10:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170483BS	PB170483BS	BN038185.D	11/12/2025
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025
SW-1	Q3584-01	BN038188.D	11/12/2025
SW-3	Q3584-03	BN038190.D	11/12/2025
SW-2	Q3584-02	BN038191.D	11/12/2025
EB-2	Q3584-04	BN038192.D	11/12/2025
FB-2	Q3584-05	BN038193.D	11/12/2025
SEEP-1	Q3584-07	BN038200.D	11/13/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

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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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BN038182.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_N | DFTPP Injection Time: 08:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.8
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	7.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.7 (18.6) 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	BN038183.D	11/12/2025	09:31
PB170483BL	PB170483BL	BN038184.D	11/12/2025	10:07
PB170483BS	PB170483BS	BN038185.D	11/12/2025	10:44
PB170483BSD	PB170483BSD	BN038186.D	11/12/2025	11:20
SW-1	Q3584-01	BN038188.D	11/12/2025	12:32
SW-3	Q3584-03	BN038190.D	11/12/2025	13:45
SW-2	Q3584-02	BN038191.D	11/12/2025	14:21
EB-2	Q3584-04	BN038192.D	11/12/2025	14:58
FB-2	Q3584-05	BN038193.D	11/12/2025	15:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab File ID: BN038197.D | DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_N | DFTPP Injection Time: 11:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	37.3
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	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	17 (19.5) 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	BN038198.D	11/13/2025	12:14
SEEP-1	Q3584-07	BN038200.D	11/13/2025	13:27
SEEP-1DL	Q3584-07DL	BN038201.D	11/13/2025	15:52

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3584

Client ID : SSTDCCC0.4 Date Analyzed: 11/12/2025

Lab File ID: BN038183.D Time Analyzed: 09:31

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	9292	7.768	28984	10.57	16601	14.43
	UPPER LIMIT	18584	8.268	57968	11.073	33202	14.93
	LOWER LIMIT	4646	7.268	14492	10.073	8300.5	13.93
	EPA SAMPLE NO.						
01	PB170483BL	9479	7.77	27842	10.57	15234	14.43
02	PB170483BS	11079	7.77	33638	10.57	18281	14.43
03	PB170483BSD	9171	7.78	26214	10.57	13453	14.43
04	SW-1	8885	7.77	28328	10.57	16595	14.43
05	SW-2	8717	7.77	27838	10.57	16503	14.43
06	SW-3	7952	7.77	25886	10.57	15079	14.43
07	EB-2	7967	7.78	24614	10.57	14329	14.43
08	FB-2	7532	7.77	22809	10.57	12555	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.: Q3584

Client ID: SSTDCCC0.4 Date Analyzed: 11/12/2025

Lab File ID: BN038183.D Time Analyzed: 09:31

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	31060	17.186	20792	21.375	18070	23.683
	UPPER LIMIT	62120	17.686	41584	21.875	36140	24.183
	LOWER LIMIT	15530	16.686	10396	20.875	9035	23.183
	EPA SAMPLE NO.						
01	PB170483BL	28458	17.19	18990	21.38	17381	23.69
02	PB170483BS	33841	17.19	23862	21.38	21641	23.68
03	PB170483BSD	20310	17.19	12107	21.38	12660	23.68
04	SW-1	28494	17.19	16713	21.38	16215	23.68
05	SW-2	29773	17.19	16736	21.38	15603	23.68
06	SW-3	26367	17.19	15382	21.38	14958	23.68
07	EB-2	23415	17.19	13728	21.38	13529	23.68
08	FB-2	19699	17.19	13022	21.38	12879	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.: Q3584

Client ID : SSTDCCC0.4 Date Analyzed: 11/13/2025

Lab File ID: BN038198.D Time Analyzed: 12:14

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	10040	7.768	31592	10.57	18577	14.43
	UPPER LIMIT	20080	8.268	63184	11.073	37154	14.93
	LOWER LIMIT	5020	7.268	15796	10.073	9288.5	13.93
	EPA SAMPLE NO.						
01	SEEP-1	538910 *	7.77	1785290 *	10.57	1021410 *	14.43
02	SEEP-1DL	110160 *	7.78	385141 *	10.58	236632 *	14.44

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.: Q3584

Client ID: SSTDCCC0.4 Date Analyzed: 11/13/2025

Lab File ID: BN038198.D Time Analyzed: 12:14

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	34361	17.186	21808		21.376	18964		23.683
	UPPER LIMIT	68722	17.686	43616		21.876	37928		24.183
	LOWER LIMIT	17180.5	16.686	10904		20.876	9482		23.183
	EPA SAMPLE NO.								
01	SEEP-1	1654430*	17.19	1150690	*	21.38	1246820	*	23.68
02	SEEP-1DL	445927 *	17.19	278772	*	21.38	242288	*	23.69

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

QC SAMPLE DATA

Raw Data: **BN038184.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:	PB170483BL			SDG No.:	Q3584
Lab Sample ID:	PB170483BL			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:	11/11/25		

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	11/12/25 10:07	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.35			30 (47) - 150 (106)	87%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	86%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	92%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	92%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.46			30 (54) - 130 (175)	116%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	9480							
1146-65-2	Naphthalene-d8	27800							
15067-26-2	Acenaphthene-d10	15200							
1517-22-2	Phenanthrene-d10	28500							
1719-03-5	Chrysene-d12	19000							
1520-96-3	Perylene-d12	17400							

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: **BN038185.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170483BS			SDG No.:	Q3584
Lab Sample ID:	PB170483BS			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:	11/11/25		

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	11/12/25 10:44	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.37			30 (56) - 130 (116)	93%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.37			30 (50) - 130 (126)	93%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	108%	SPK: 0.4		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	11100							
1146-65-2	Naphthalene-d8	33600							
15067-26-2	Acenaphthene-d10	18300							
1517-22-2	Phenanthrene-d10	33800							
1719-03-5	Chrysene-d12	23900							
1520-96-3	Perylene-d12	21600							

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

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

Raw Data: **BN038186.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:	PB170483BSD			SDG No.:	Q3584
Lab Sample ID:	PB170483BSD			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:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.31		1	0.070	0.20	ug/L	11/12/25 11:20	PB170483
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.37			30 (47) - 150 (106)	93%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.28			30 (54) - 150 (157)	69%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (56) - 130 (116)	90%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	95%	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	9170							
1146-65-2	Naphthalene-d8	26200							
15067-26-2	Acenaphthene-d10	13500							
1517-22-2	Phenanthrene-d10	20300							
1719-03-5	Chrysene-d12	12100							
1520-96-3	Perylene-d12	12700							

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.: Q3584

Instrument ID: BNA_N Calibration Date/Time: 11/12/2025 09:31

Lab File ID: BN038183.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	0.558		-2.3	20.0
Fluoranthene-d10	1.008	0.917		-9.0	20.0
2-Fluorophenol	0.943	0.939		-0.4	20.0
Phenol-d6	1.148	1.155		0.6	20.0
Nitrobenzene-d5	0.323	0.321		-0.6	20.0
2-Fluorobiphenyl	1.602	1.475		-7.9	20.0
2,4,6-Tribromophenol	0.165	0.138		-16.4	20.0
Terphenyl-d14	0.869	0.919		5.8	20.0
1,4-Dioxane	0.416	0.395		-5.0	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.: Q3584

Instrument ID: BNA_N Calibration Date/Time: 11/13/2025 12:14

Lab File ID: BN038198.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	0.565		-1.1	20.0
Fluoranthene-d10	1.008	0.896		-11.1	20.0
2-Fluorophenol	0.943	0.943		0.0	20.0
Phenol-d6	1.148	1.185		3.2	20.0
Nitrobenzene-d5	0.323	0.323		0.0	20.0
2-Fluorobiphenyl	1.602	1.471		-8.2	20.0
2,4,6-Tribromophenol	0.165	0.139		-15.8	20.0
Terphenyl-d14	0.869	0.962		10.7	20.0
1,4-Dioxane	0.416	0.390		-6.3	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038188.D
Acq On : 12 Nov 2025 12:32
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-1

Quant Time: Nov 12 12:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

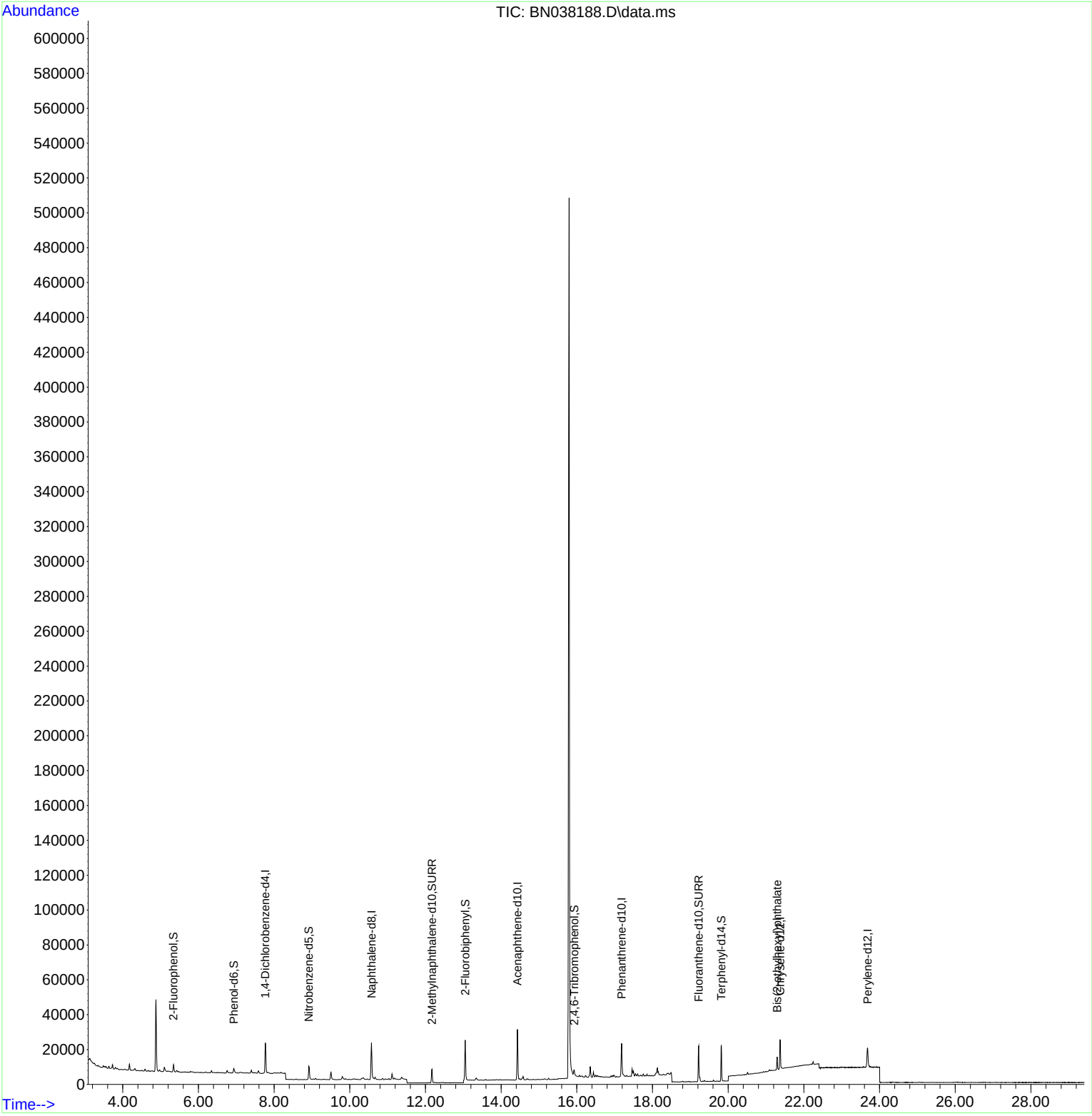
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8885	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	28328	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16595	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28494	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16713	0.400	ng	0.00
35) Perylene-d12	23.683	264	16215	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3311	0.158	ng	0.00
5) Phenol-d6	6.937	99	2571	0.101	ng	0.00
8) Nitrobenzene-d5	8.918	82	6816	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	11208	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2344	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19900	0.299	ng	0.00
27) Fluoranthene-d10	19.220	212	22989	0.320	ng	0.00
31) Terphenyl-d14	19.819	244	19399	0.534	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.295	149	7281	0.232	ng	96

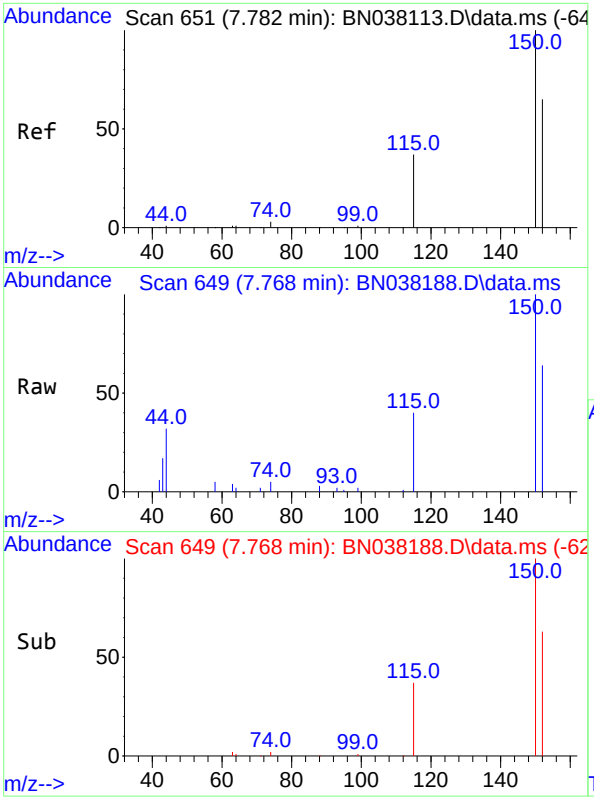
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038188.D
Acq On : 12 Nov 2025 12:32
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-1

Quant Time: Nov 12 12:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



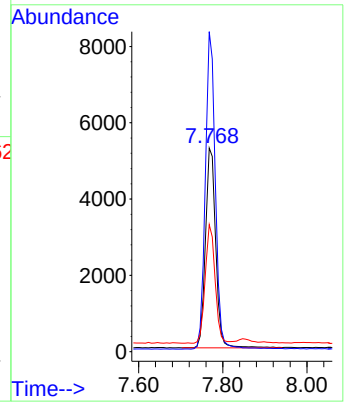


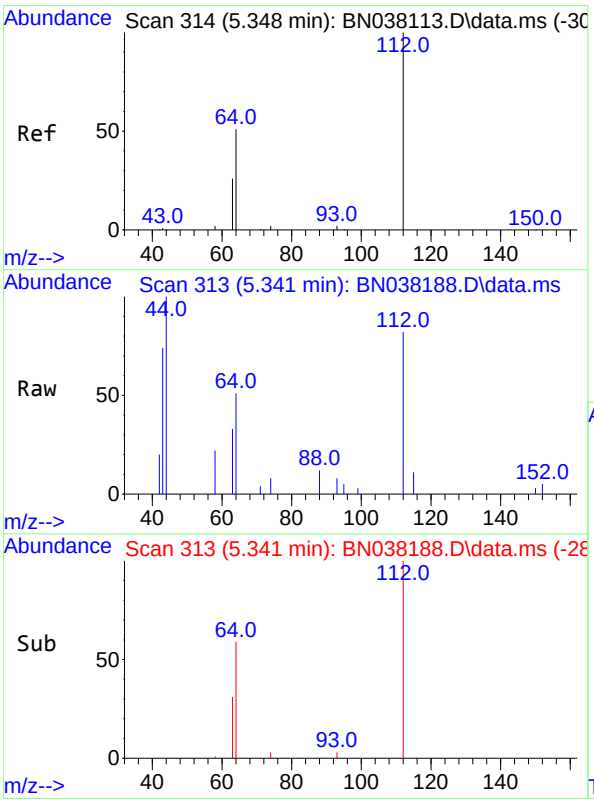
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 8885

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.3	183.5
115	62.4	47.4	71.0

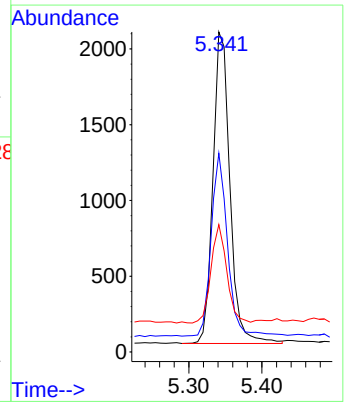


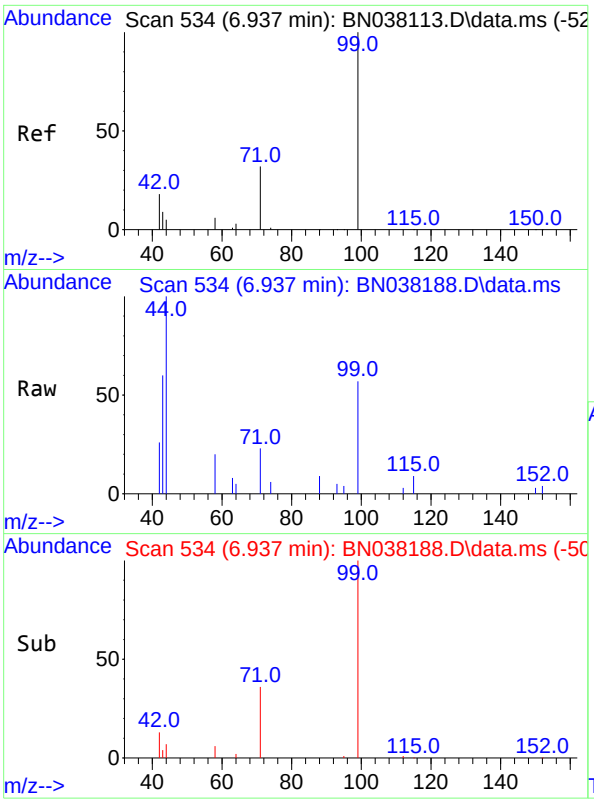


#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:112 Resp: 3311

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.0
63	29.3	23.2	34.8



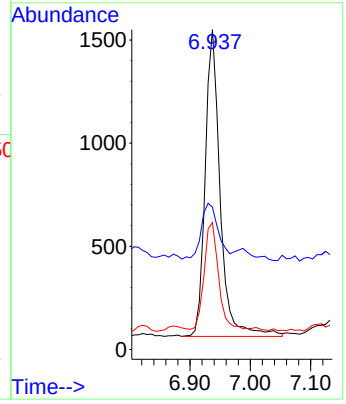


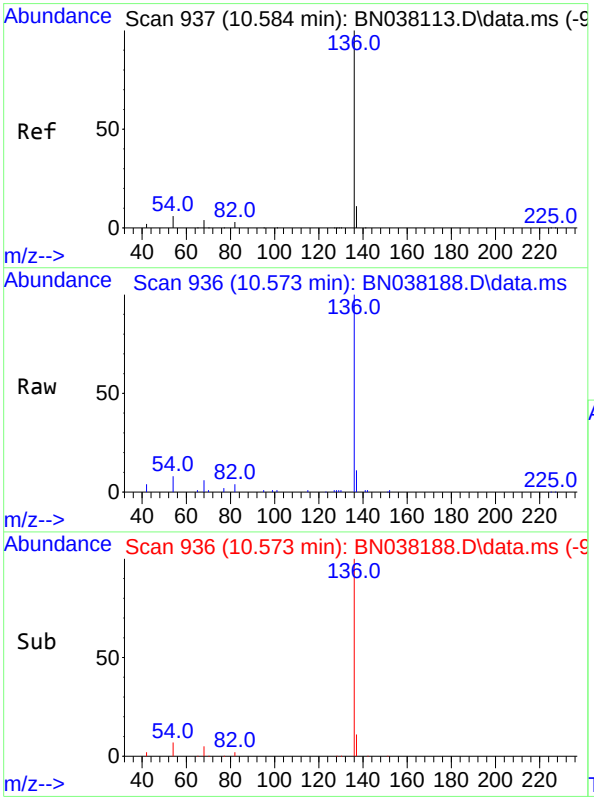
#5
Phenol-d6
Concen: 0.101 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion: 99 Resp: 2571

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	33.2	25.4	38.2

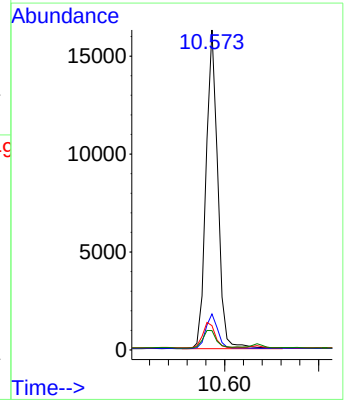


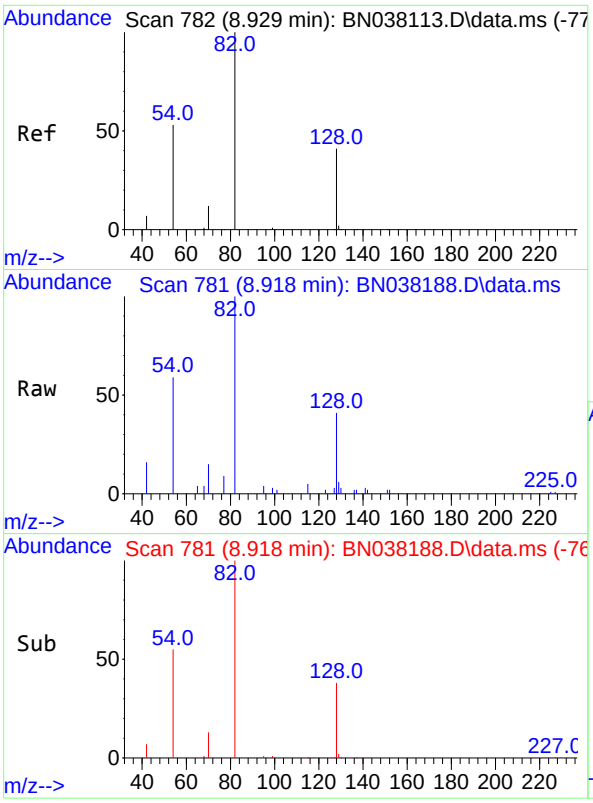


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:136 Resp: 28328

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.2	7.8
68	6.0	4.1	6.1



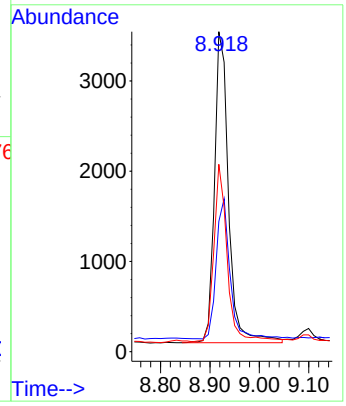


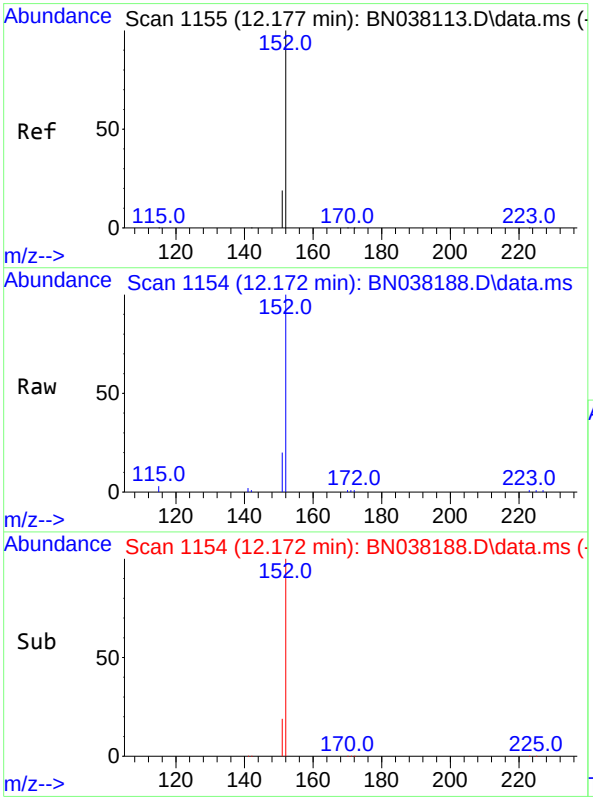
#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.918 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion: 82 Resp: 6816

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.1	51.1
54	58.6	43.5	65.3

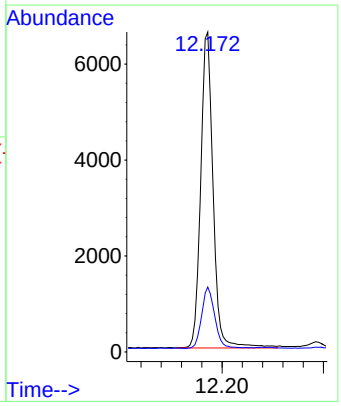


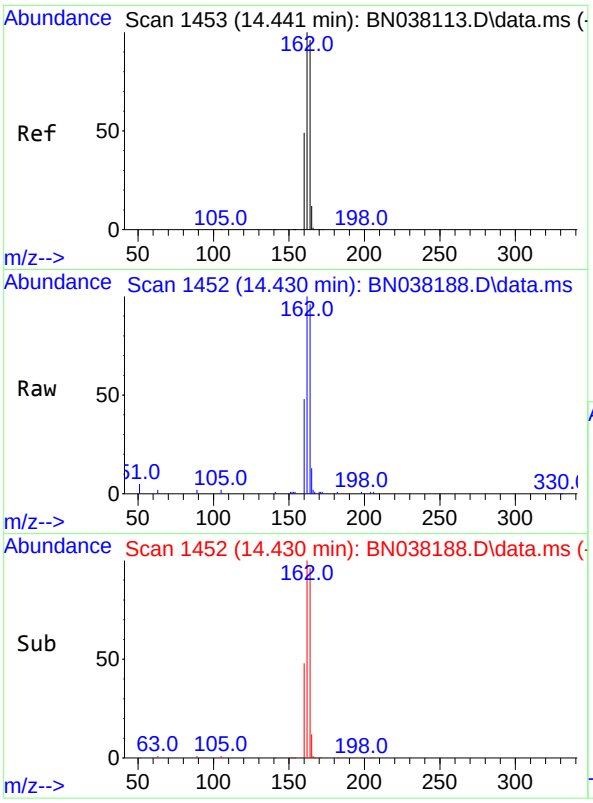


#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:152 Resp: 11208

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2



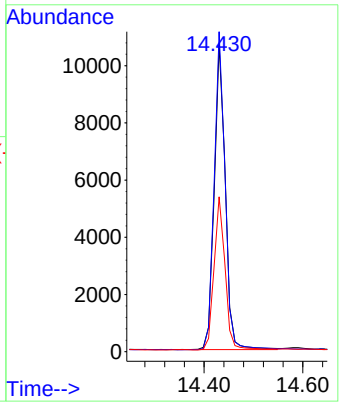


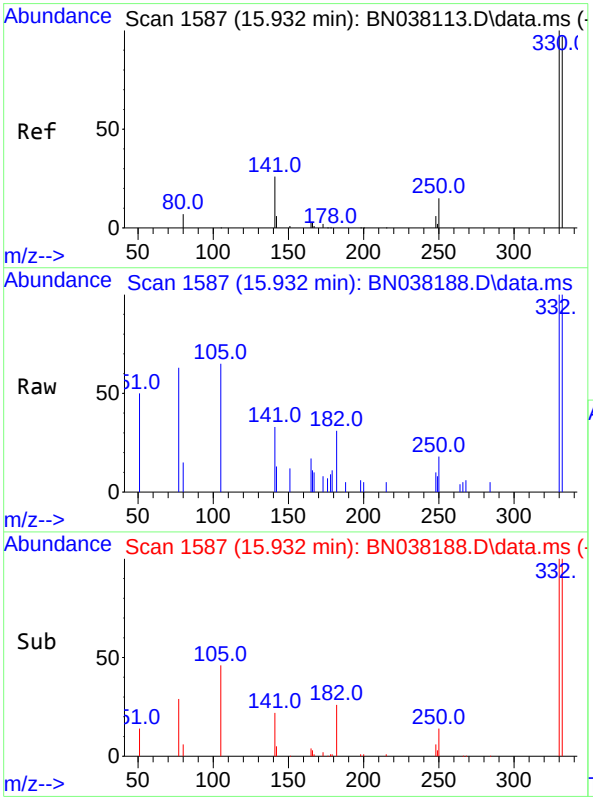
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:164 Resp: 16595

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	50.5	40.7	61.1

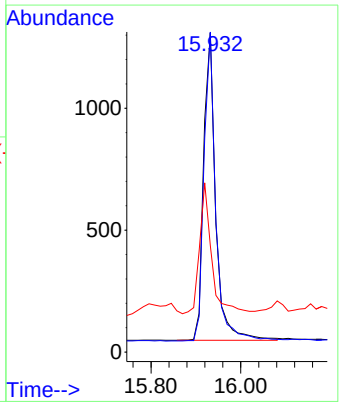


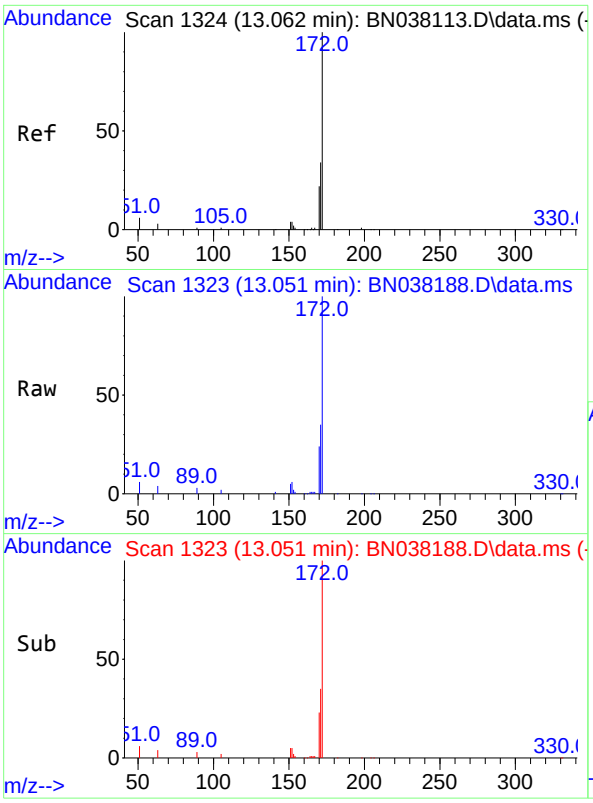


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:330 Resp: 2344

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	42.5	34.1	51.1



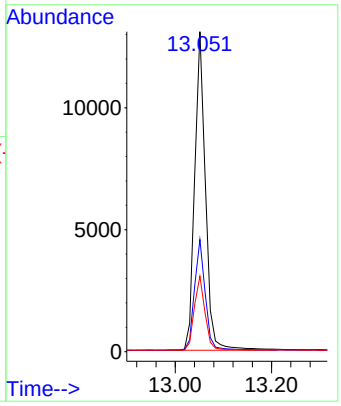


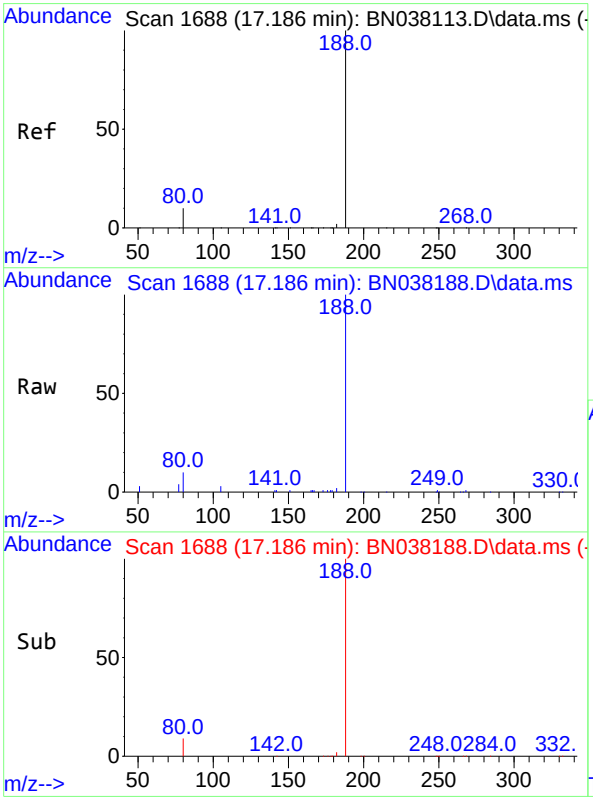
#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:172 Resp: 19900

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.6	18.1	27.1

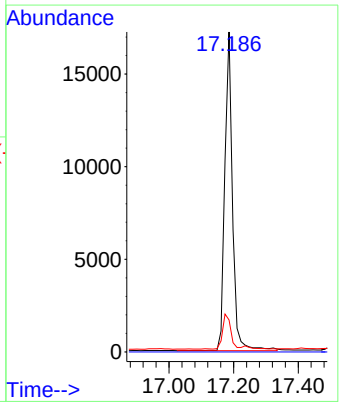


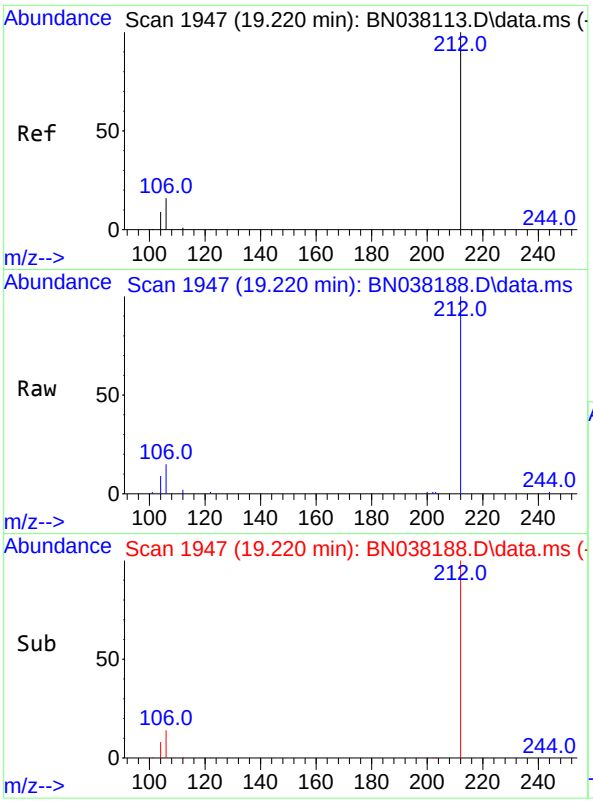


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:188 Resp: 28494

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.6	13.0



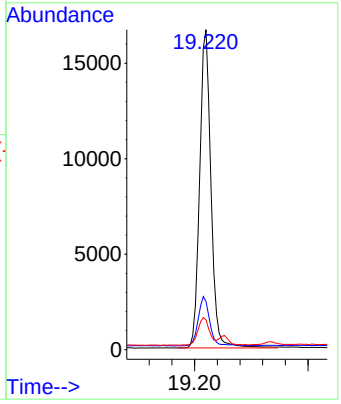


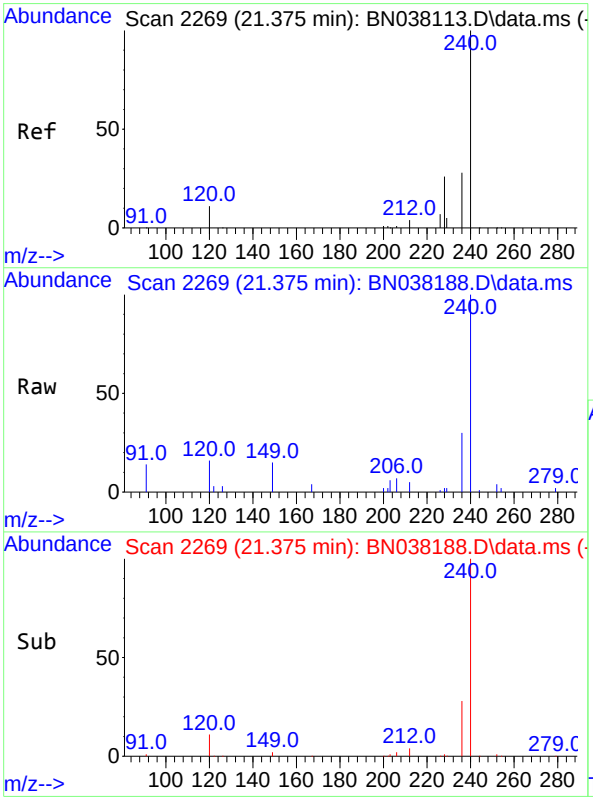
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:212 Resp: 22989

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	8.9	7.1	10.7

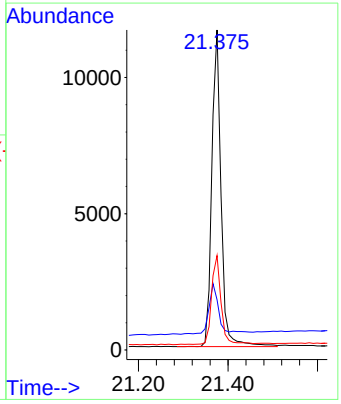


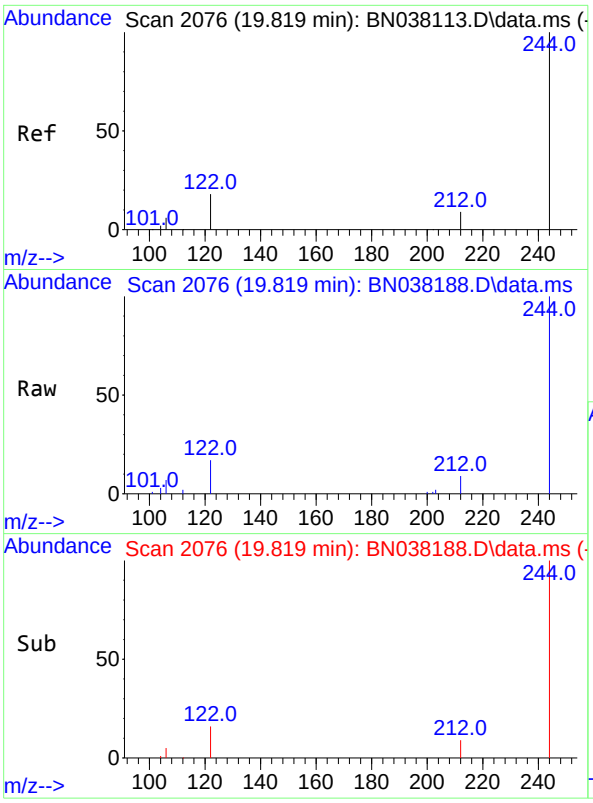


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:240 Resp: 16713

Ion	Ratio	Lower	Upper
240	100		
120	15.7	10.7	16.1
236	29.5	23.1	34.7



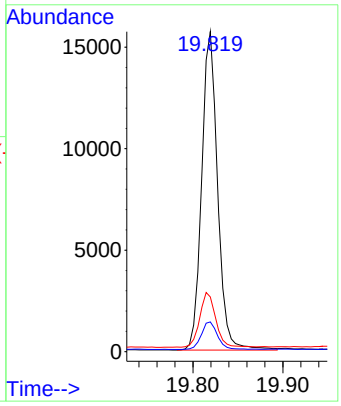


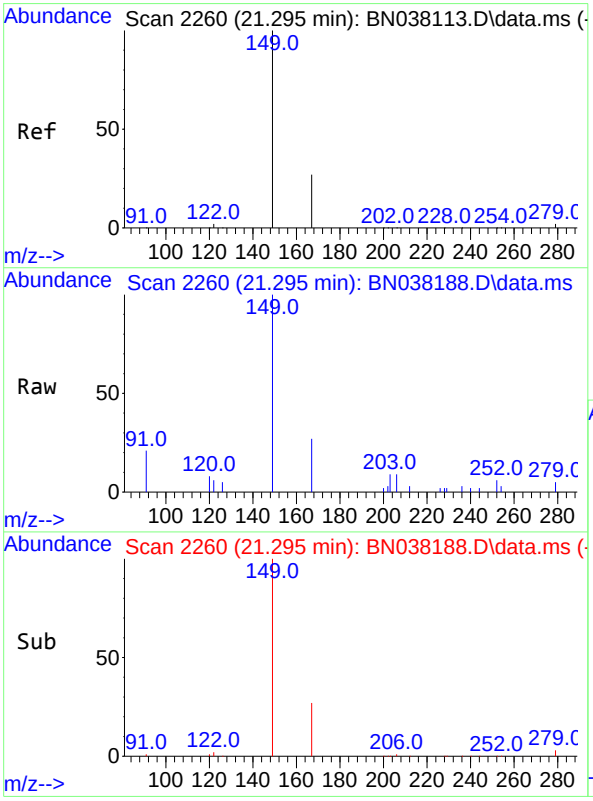
#31
Terphenyl-d14
Concen: 0.534 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:244 Resp: 19399

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.1	15.2	22.8

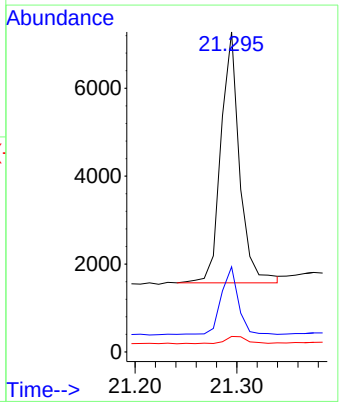


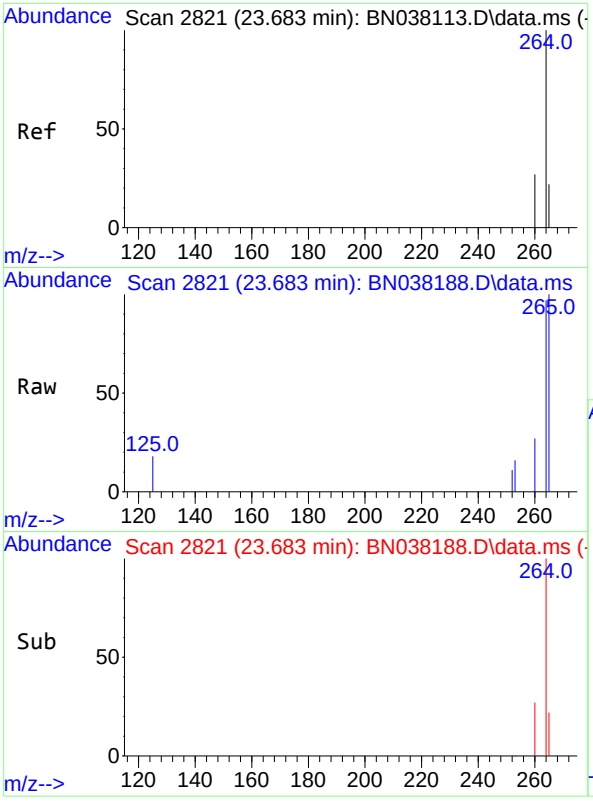


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.232 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Tgt Ion:149 Resp: 7281

Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.1	31.7
279	3.6	2.9	4.3



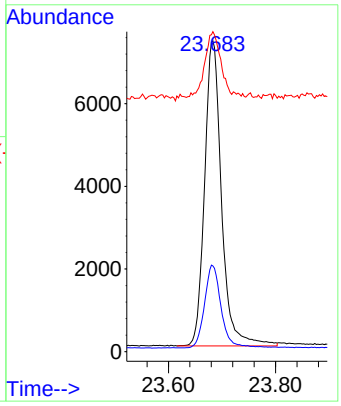


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038188.D
Acq: 12 Nov 2025 12:32

Instrument :
BNA_N
ClientSampleId :
SW-1

Tgt Ion:264 Resp: 16215

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	103.0	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038191.D
Acq On : 12 Nov 2025 14:21
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-2

Quant Time: Nov 12 14:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

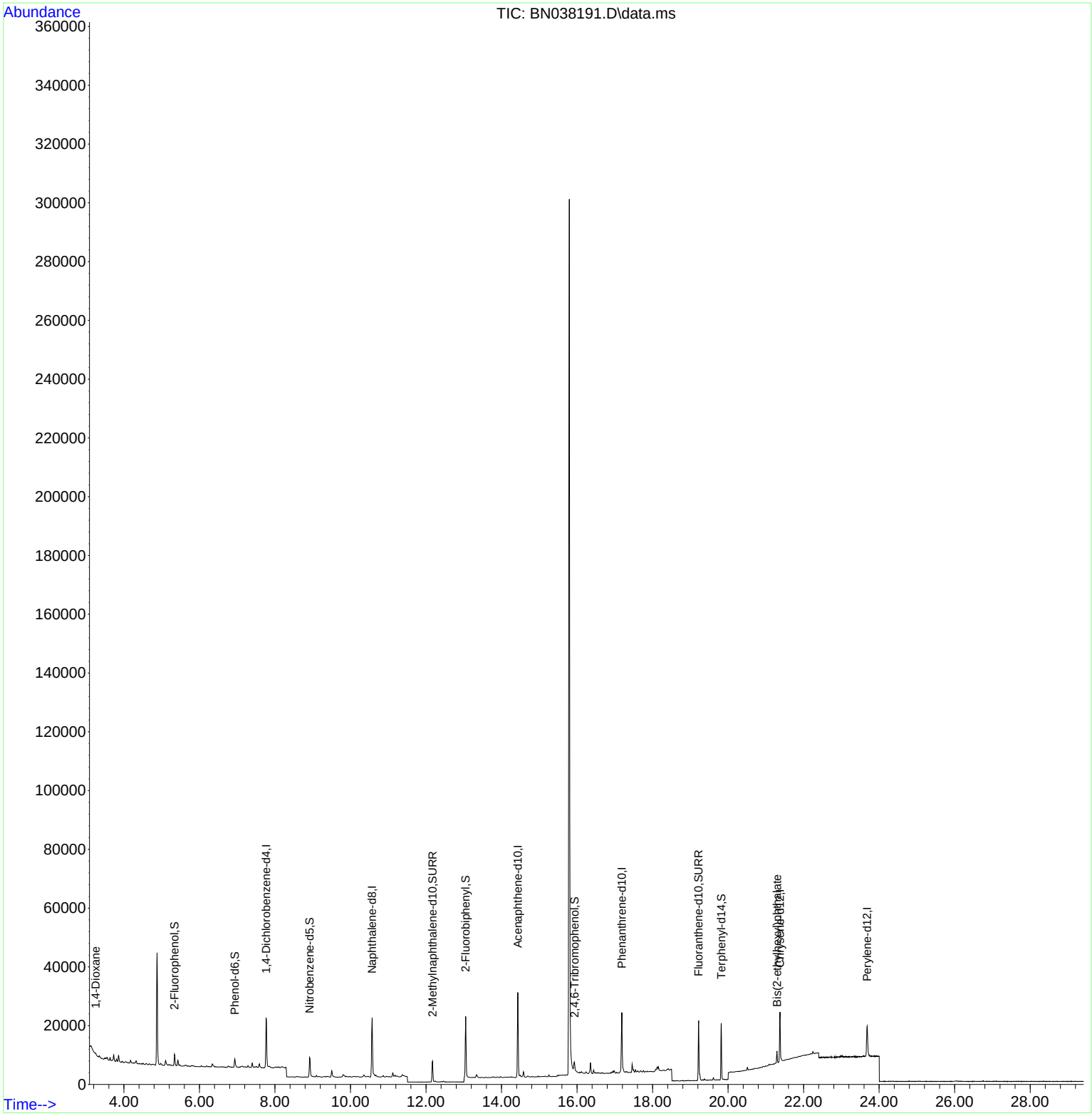
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8717	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27838	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	16503	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	29773	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16736	0.400	ng	0.00
35) Perylene-d12	23.683	264	15603	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3128	0.152	ng	0.00
5) Phenol-d6	6.937	99	2983	0.119	ng	0.00
8) Nitrobenzene-d5	8.918	82	6280	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	10441	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2265	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18090	0.274	ng	0.00
27) Fluoranthene-d10	19.220	212	22656	0.302	ng	0.00
31) Terphenyl-d14	19.819	244	18926	0.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	417	0.046	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.295	149	4214	0.134	ng	98

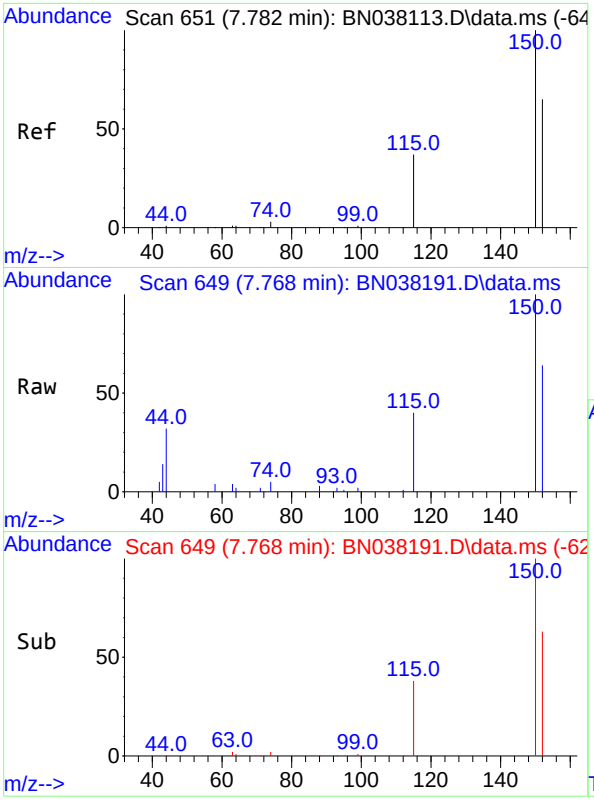
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038191.D
Acq On : 12 Nov 2025 14:21
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-2

Quant Time: Nov 12 14:45:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



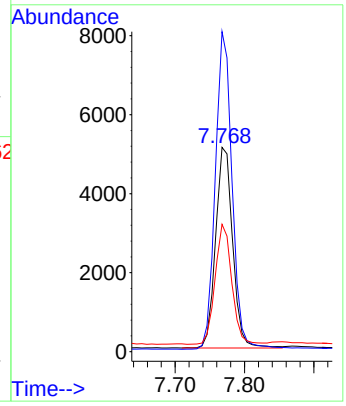


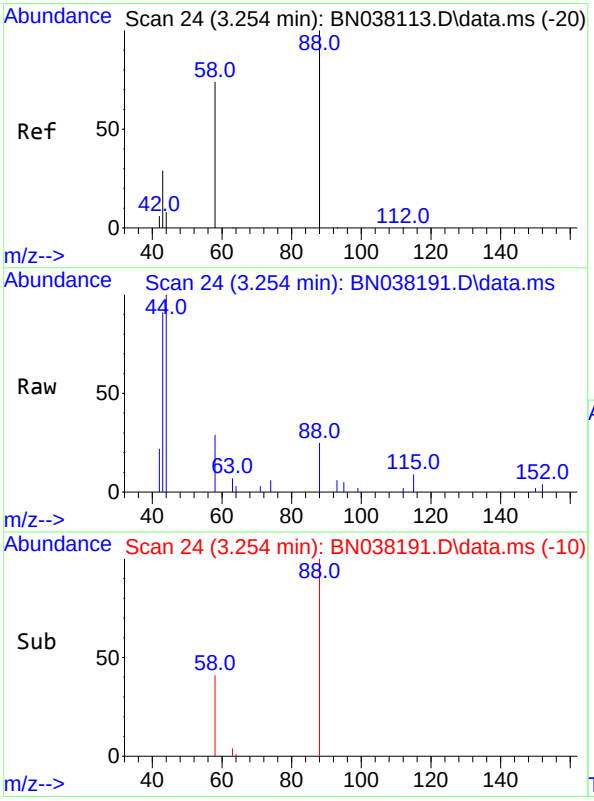
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 8717

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.3	183.5
115	62.3	47.4	71.0

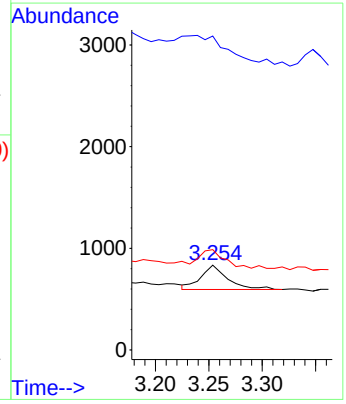


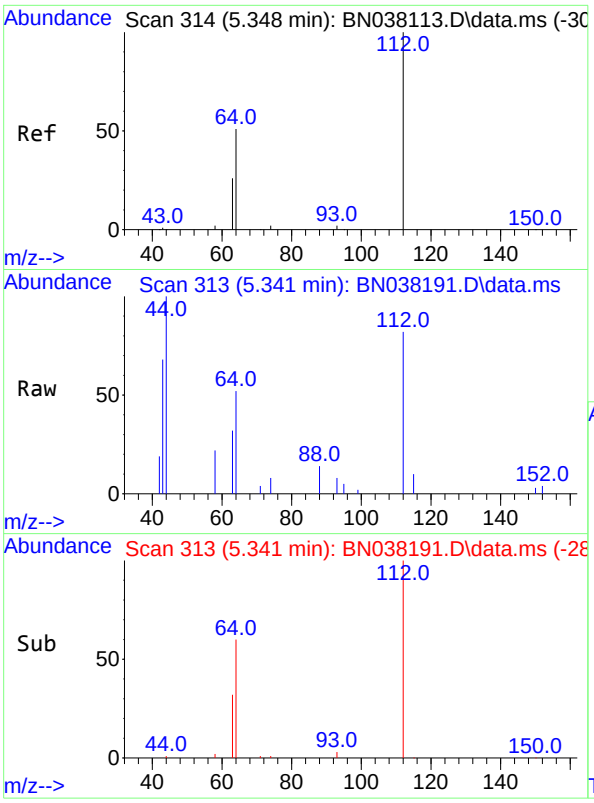


#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion: 88 Resp: 417

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.3	36.5#
58	74.1	60.4	90.6



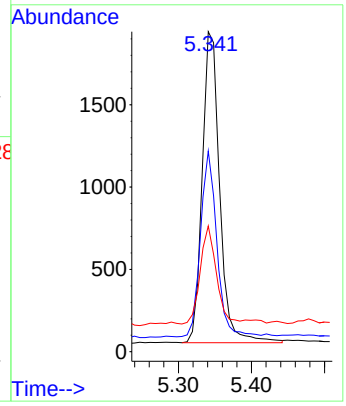


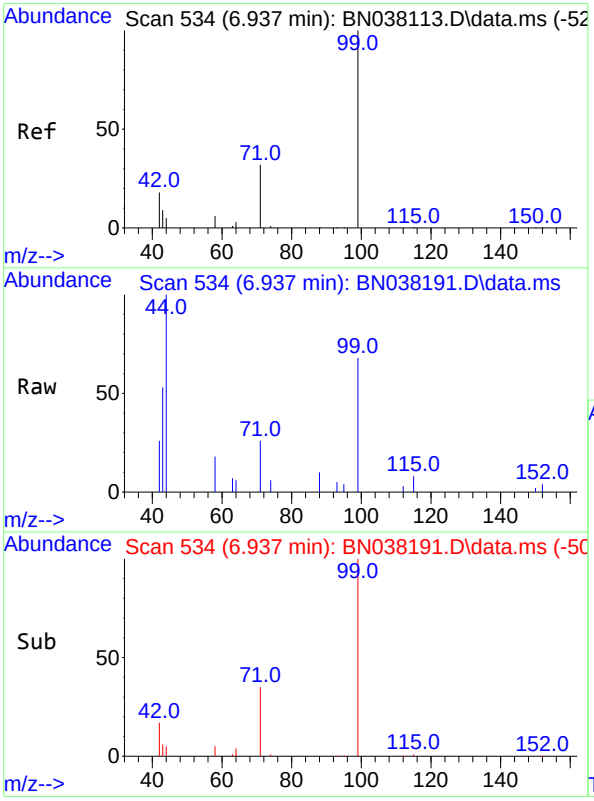
#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:112 Resp: 3128

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.0
63	29.3	23.2	34.8

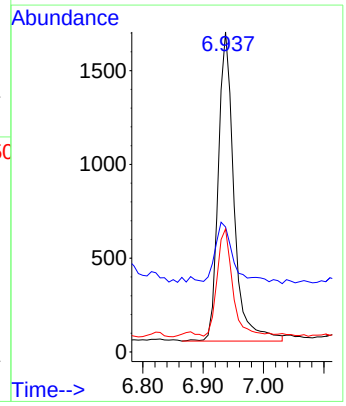


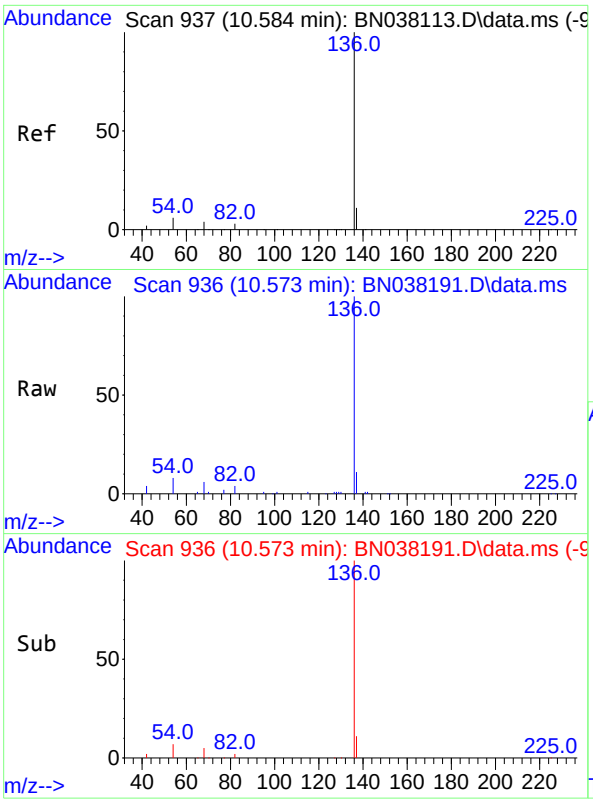


#5
Phenol-d6
Concen: 0.119 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion: 99 Resp: 2983

Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.6	24.8
71	34.4	25.4	38.2



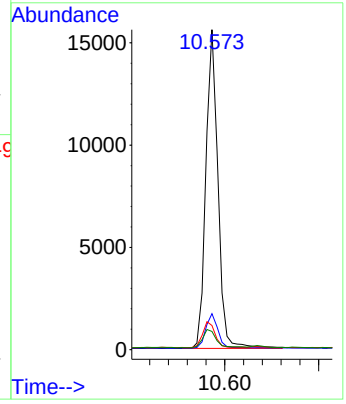


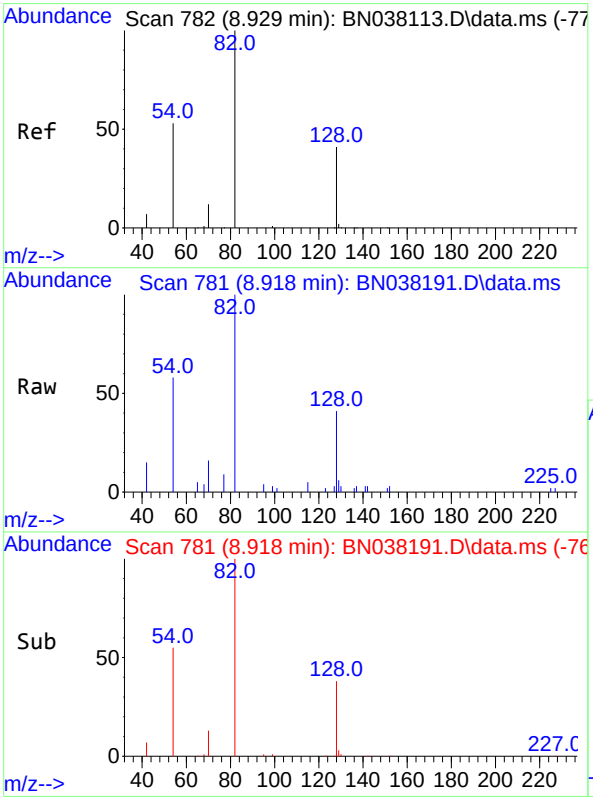
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:136 Resp: 27838

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.2	7.8
68	5.7	4.1	6.1

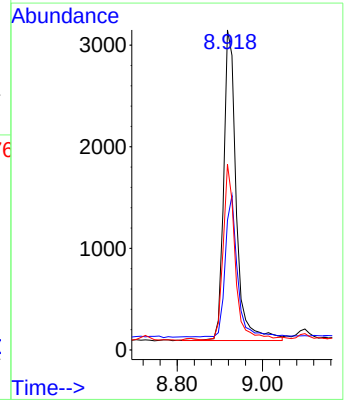


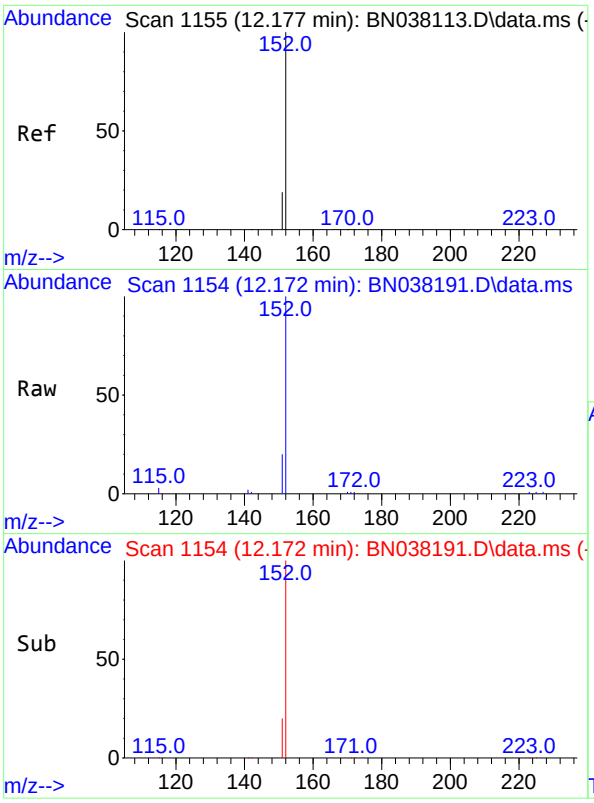


#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion: 82 Resp: 6280

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.1	51.1
54	58.1	43.5	65.3



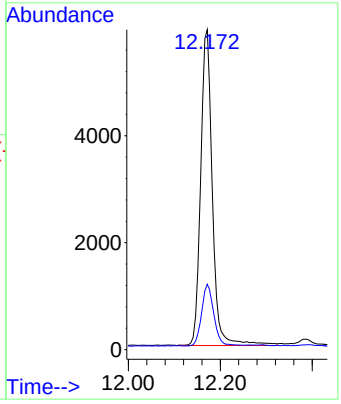


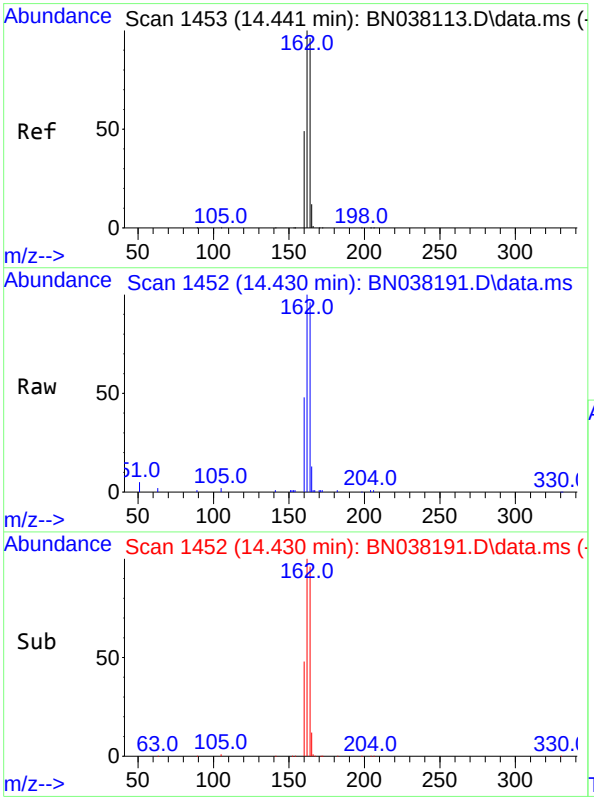
#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:152 Resp: 10441

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2

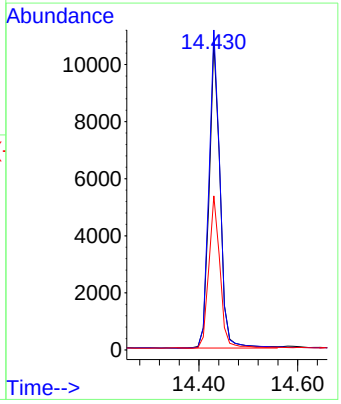


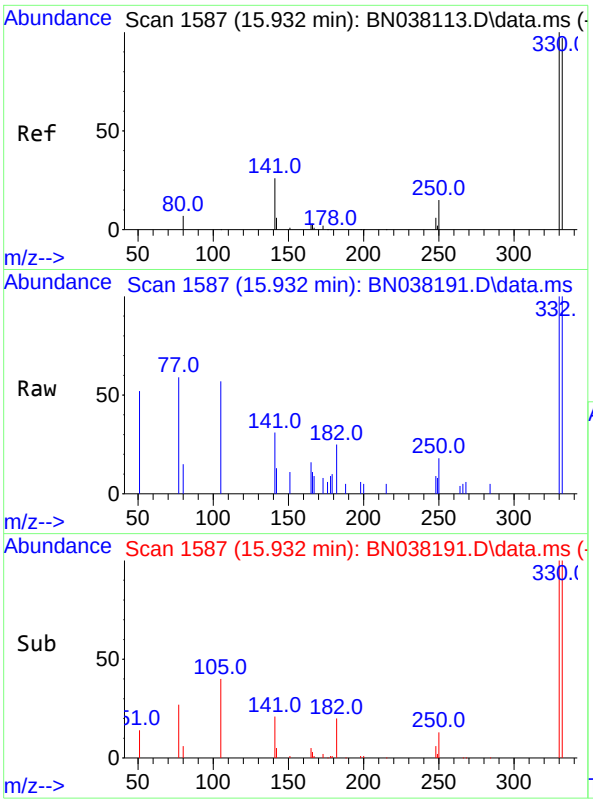


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:164 Resp: 16503

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	49.9	40.7	61.1



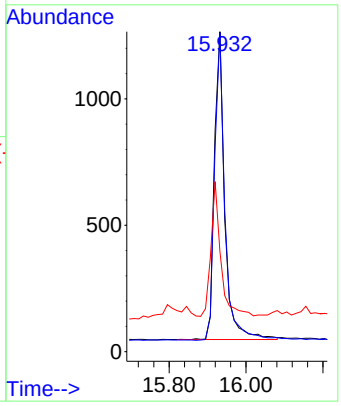


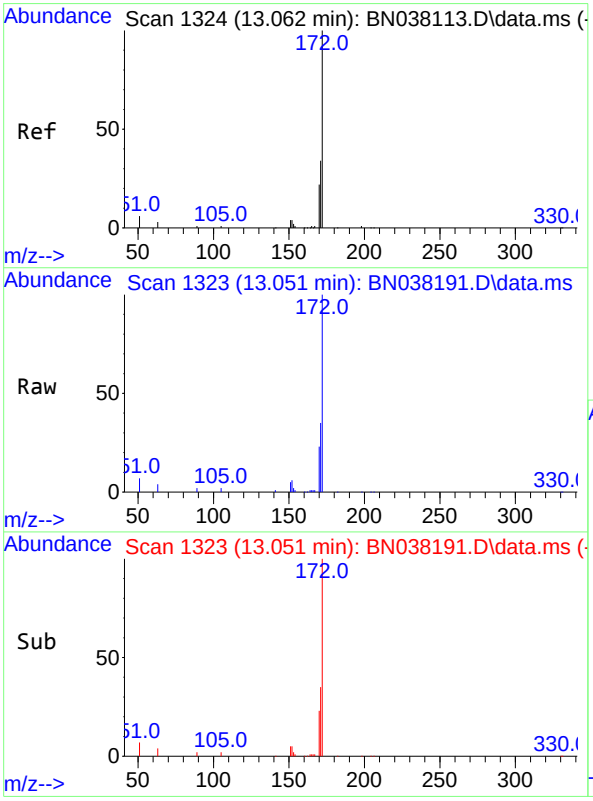
#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.932 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:330 Resp: 2265

Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	114.8
141	41.8	34.1	51.1

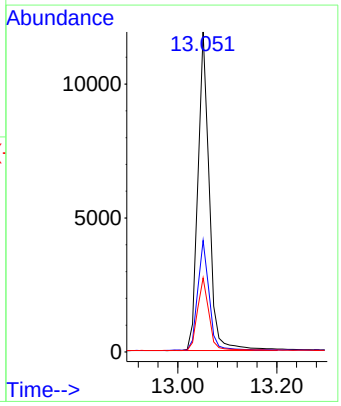


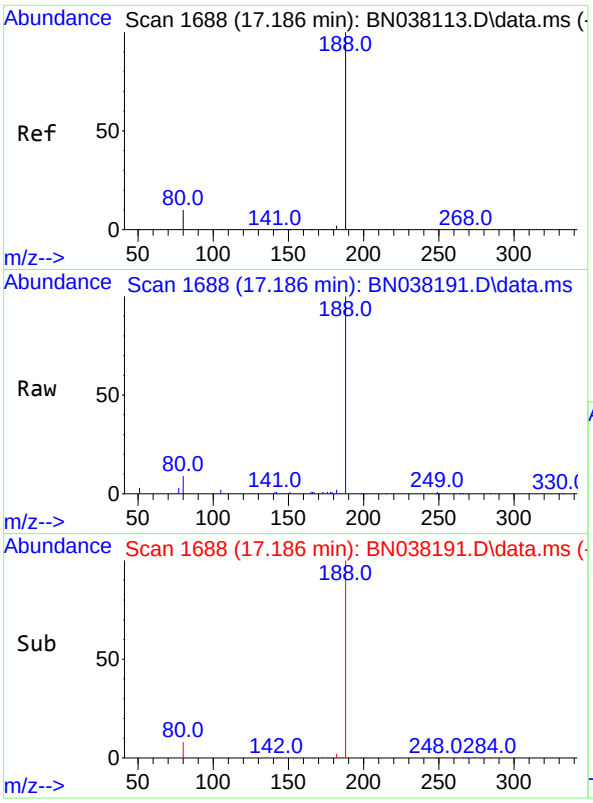


#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:172 Resp: 18090

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.1	27.1



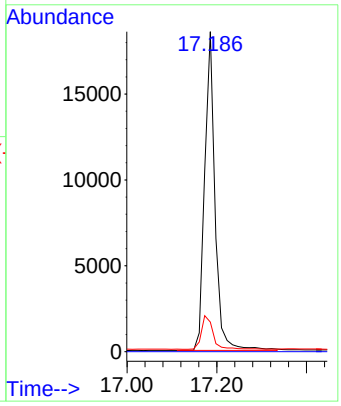


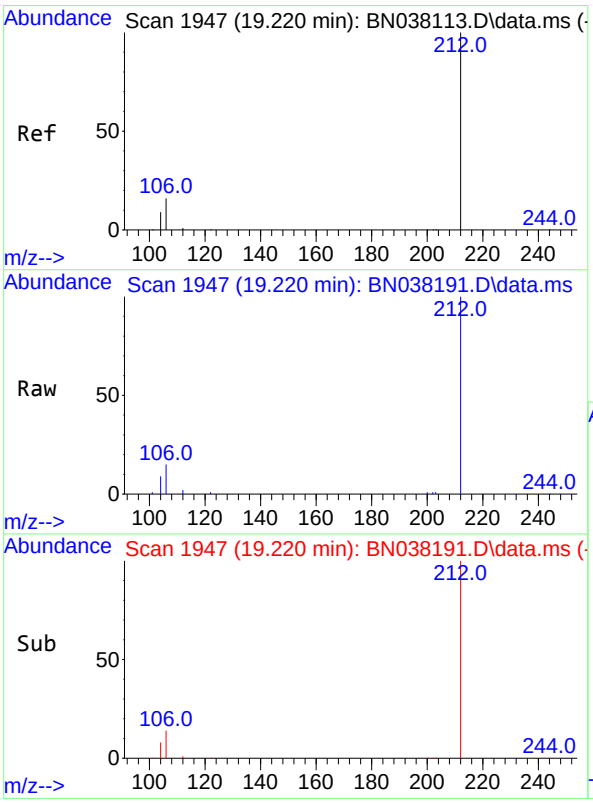
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:188 Resp: 29773

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.6	13.0

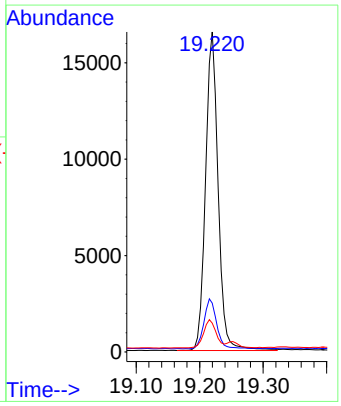


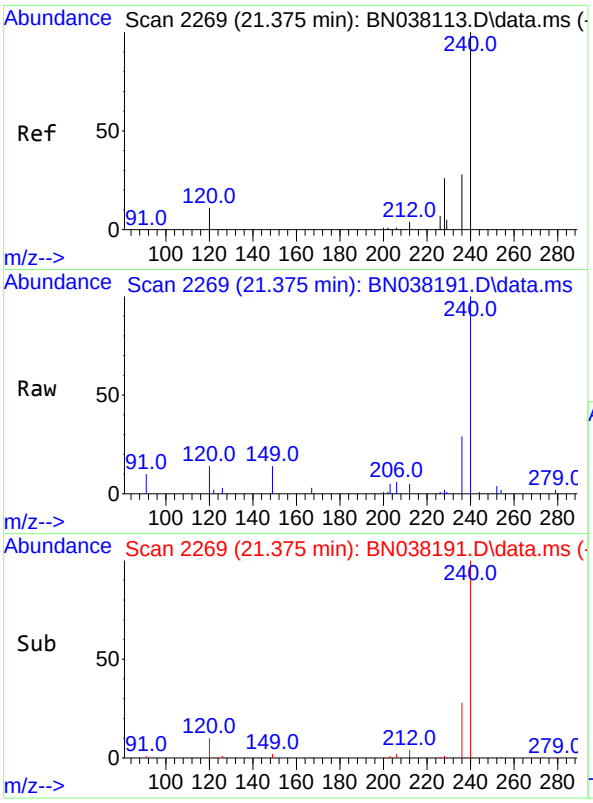


#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:212 Resp: 22656

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.9	7.1	10.7



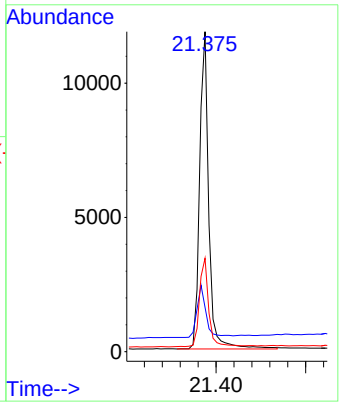


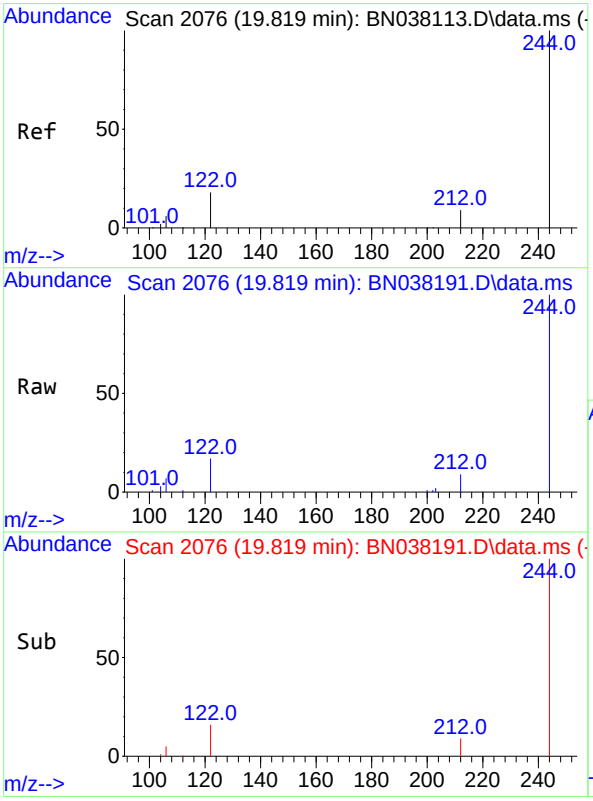
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:240 Resp: 16736

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.7	16.1
236	29.2	23.1	34.7

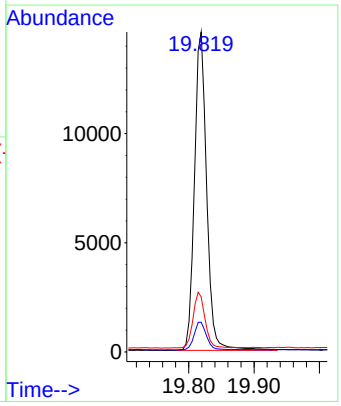


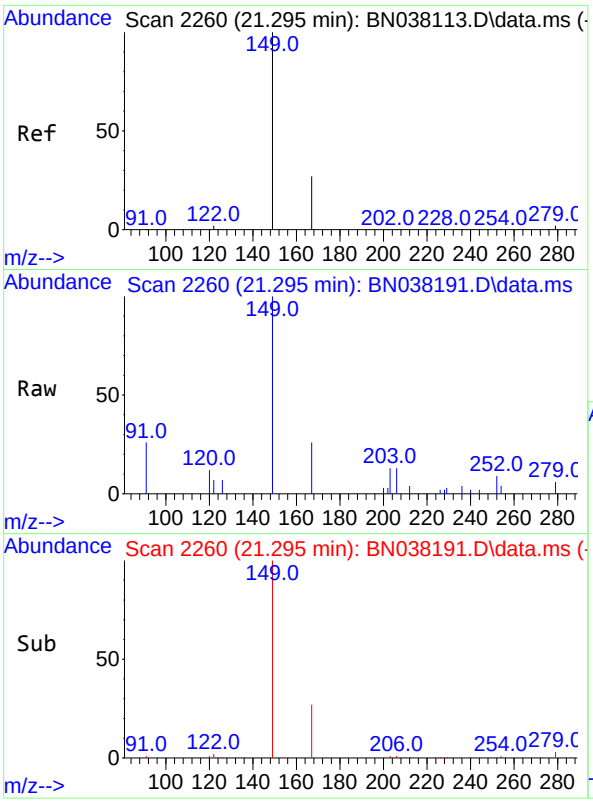


#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:244 Resp: 18926

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.2	15.2	22.8



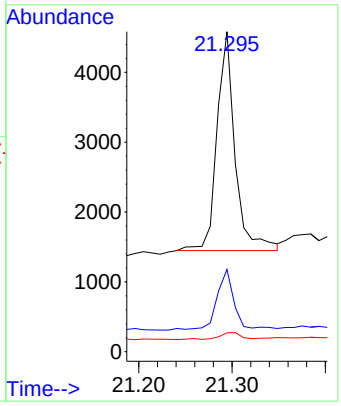


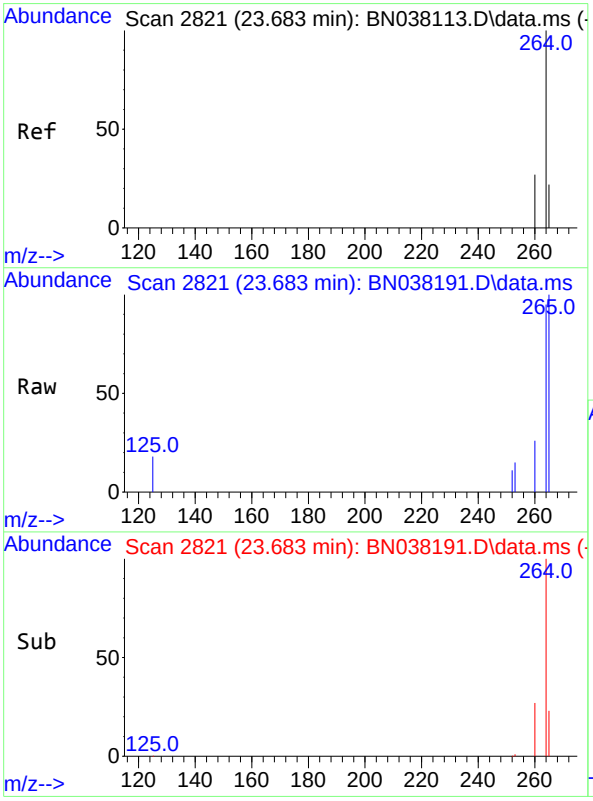
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Instrument :
BNA_N
ClientSampleId :
SW-2

Tgt Ion:149 Resp: 4214

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.1	31.7
279	3.8	2.9	4.3

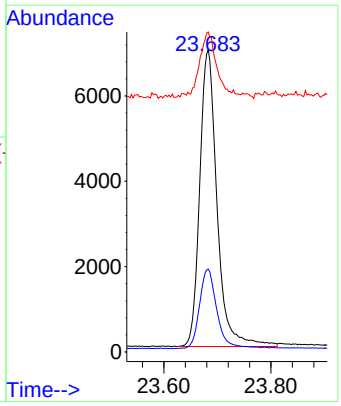




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038191.D
Acq: 12 Nov 2025 14:21

Tgt Ion:264 Resp: 15603

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	105.8	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038190.D
Acq On : 12 Nov 2025 13:45
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-3

Quant Time: Nov 12 14:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

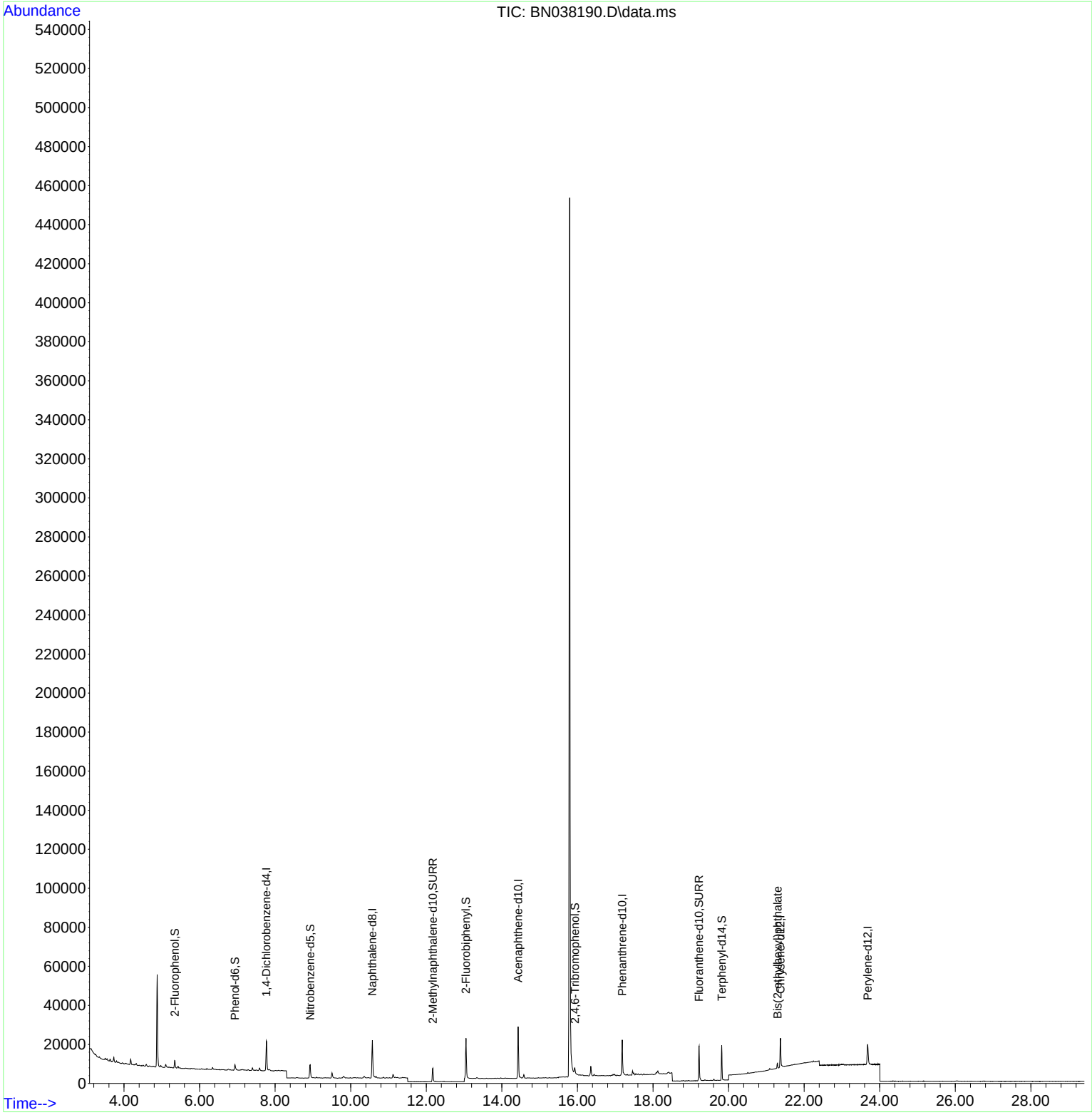
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7952	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25886	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	15079	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	26367	0.400	ng	0.00
29) Chrysene-d12	21.375	240	15382	0.400	ng	0.00
35) Perylene-d12	23.683	264	14958	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3221	0.172	ng	0.00
5) Phenol-d6	6.937	99	2843	0.125	ng	0.00
8) Nitrobenzene-d5	8.929	82	6489	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10186	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2134	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18021	0.298	ng	0.00
27) Fluoranthene-d10	19.220	212	20743	0.312	ng	0.00
31) Terphenyl-d14	19.819	244	17142	0.513	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.295	149	2750	0.095	ng	# 97

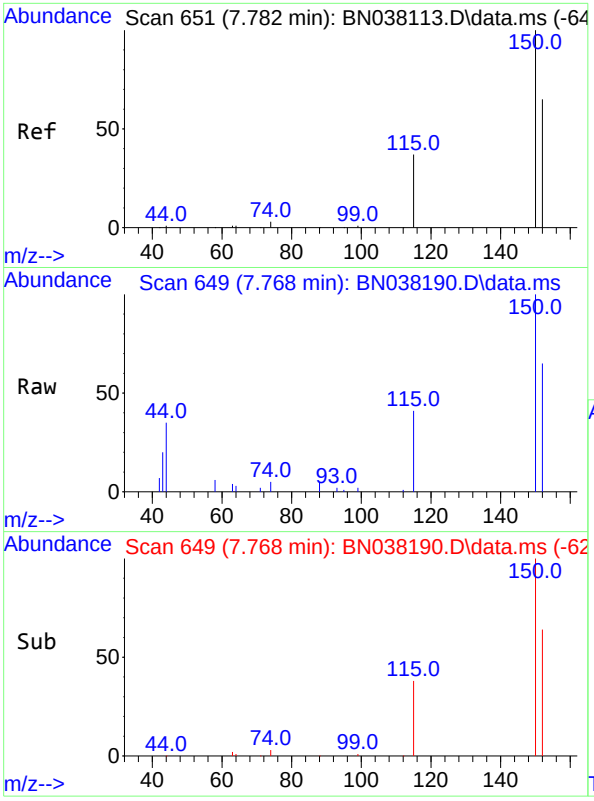
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038190.D
Acq On : 12 Nov 2025 13:45
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-3

Quant Time: Nov 12 14:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



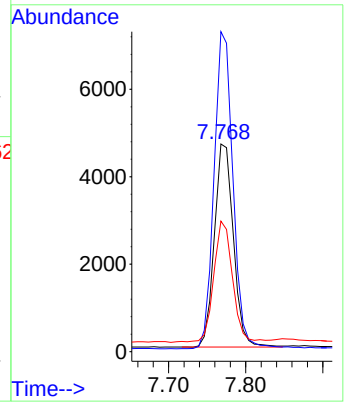


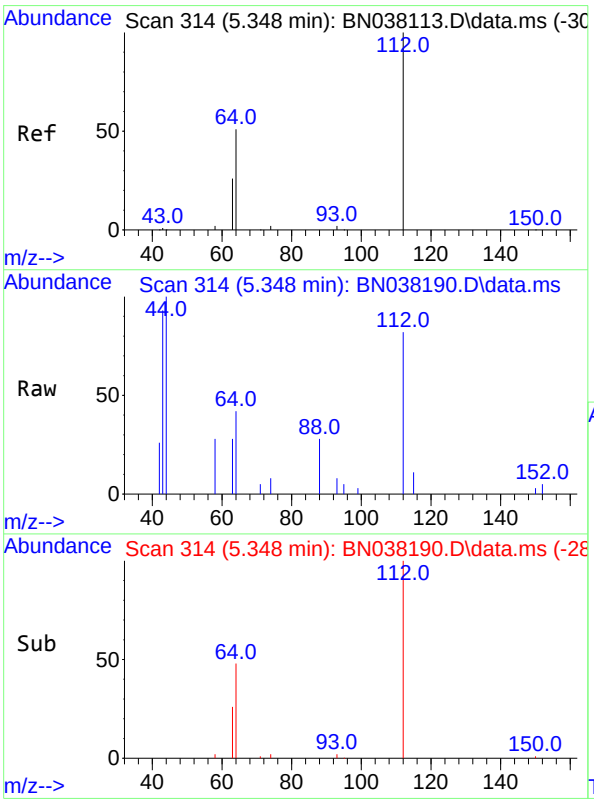
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:152 Resp: 7952

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.3	183.5
115	62.8	47.4	71.0

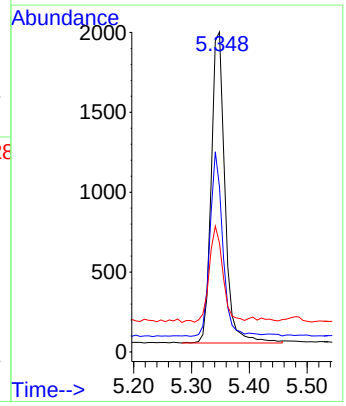


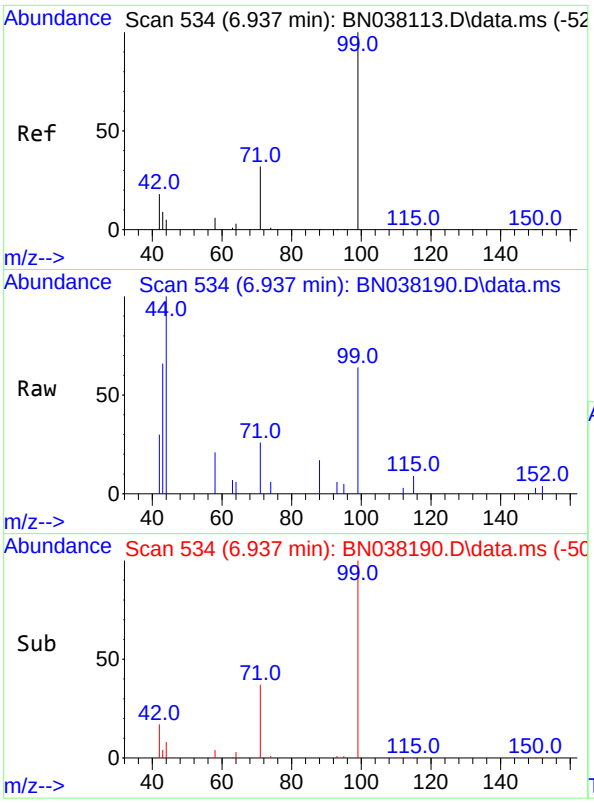


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:112 Resp: 3221

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.4	68.0
63	29.6	23.2	34.8



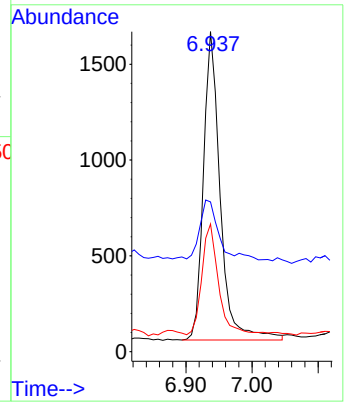


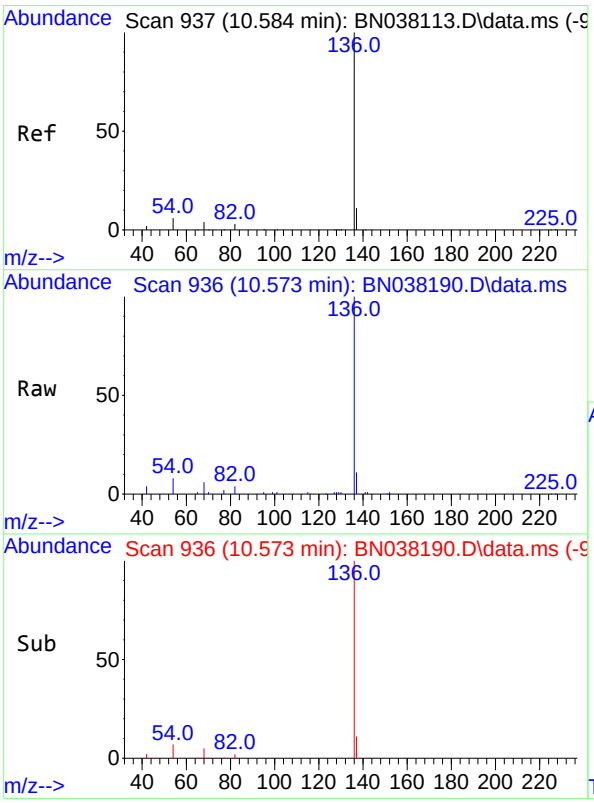
#5
Phenol-d6
Concen: 0.125 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion: 99 Resp: 2843

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	37.4	25.4	38.2

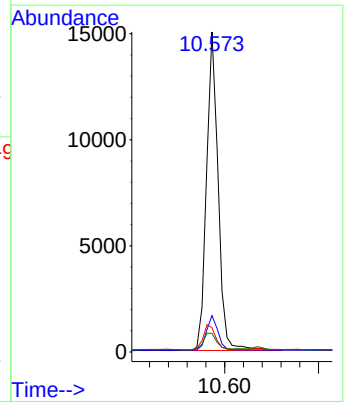


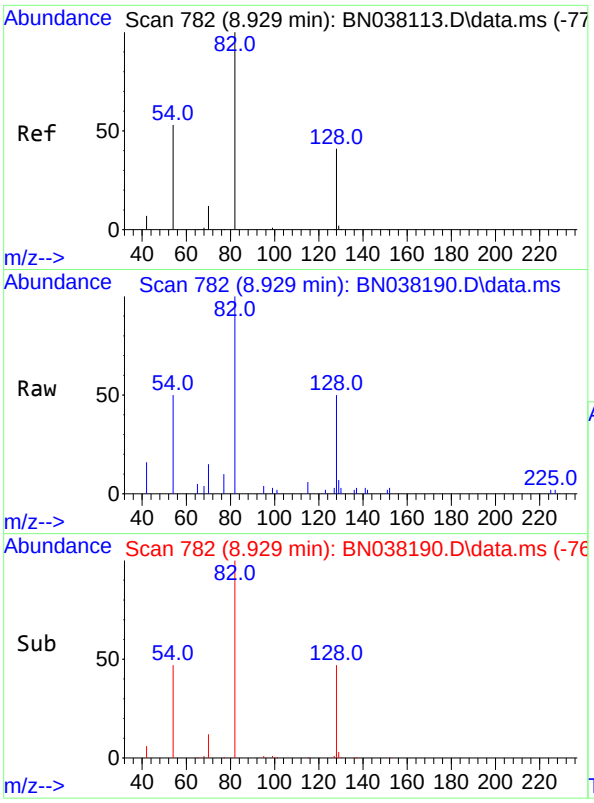


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:136 Resp: 25886

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.6	5.2	7.8
68	5.8	4.1	6.1



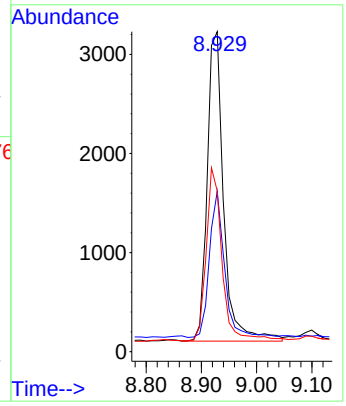


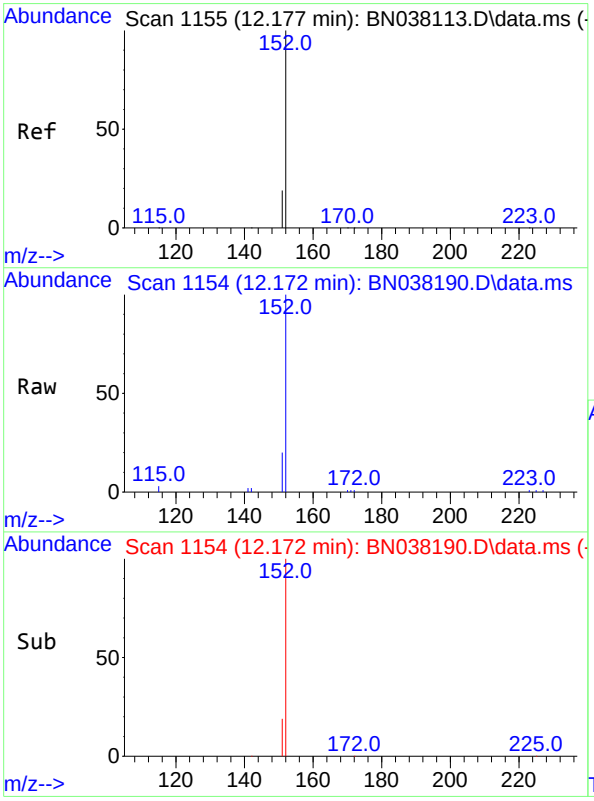
#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.929 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion: 82 Resp: 6489

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.1	51.1
54	50.2	43.5	65.3

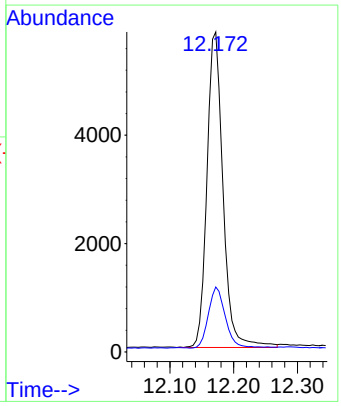


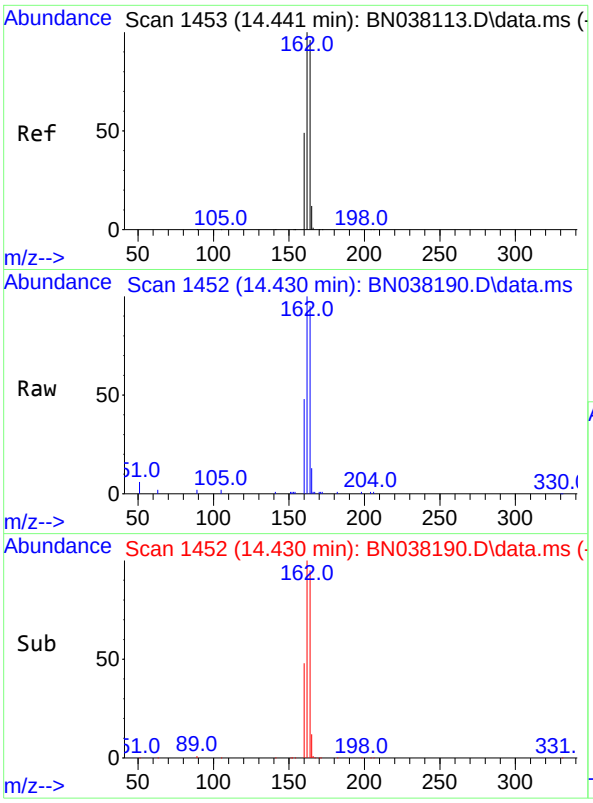


#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:152 Resp: 10186

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2



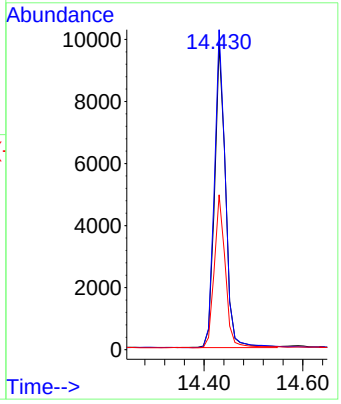


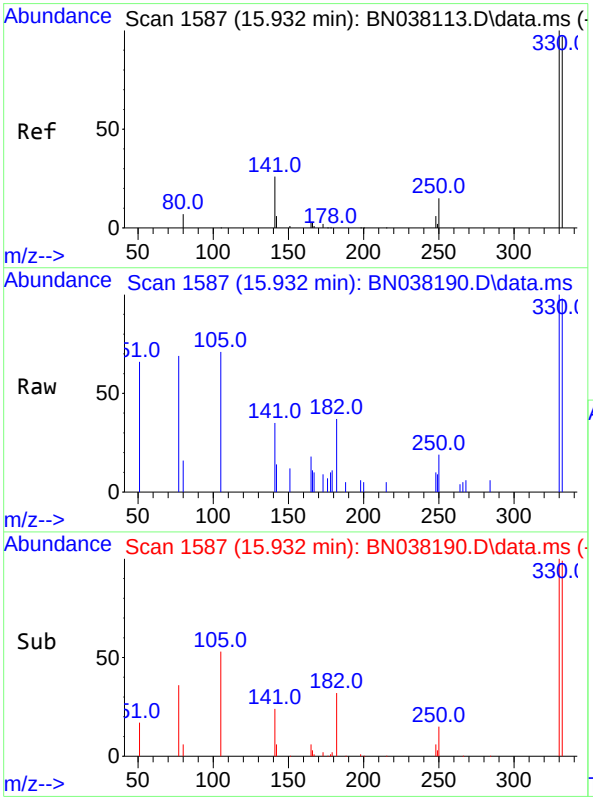
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:164 Resp: 15079

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	50.8	40.7	61.1

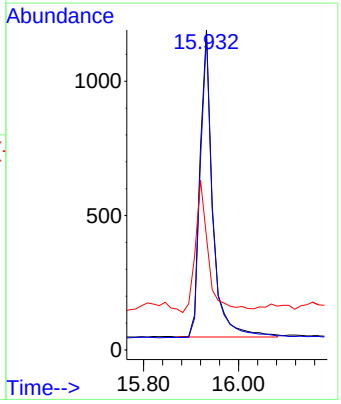


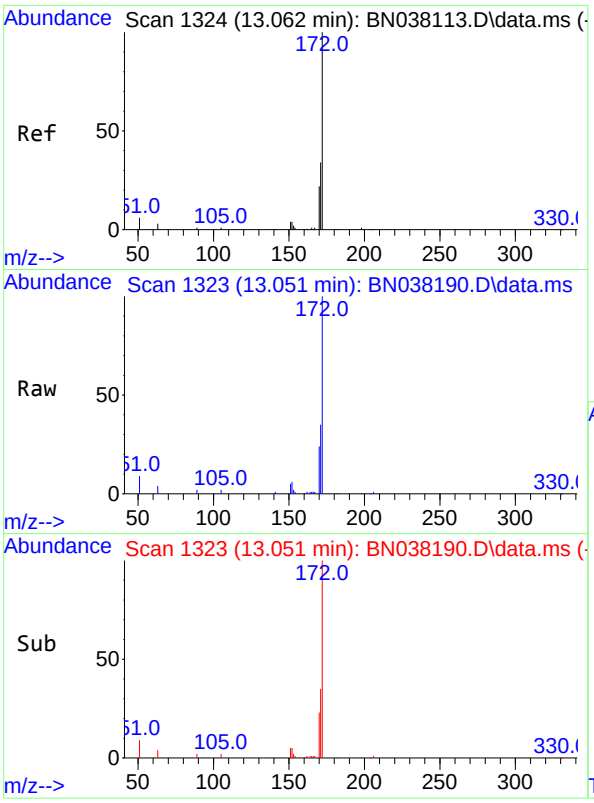


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:330 Resp: 2134

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	44.6	34.1	51.1



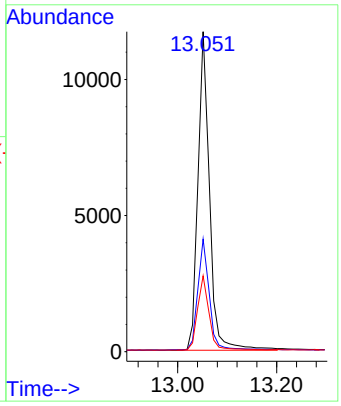


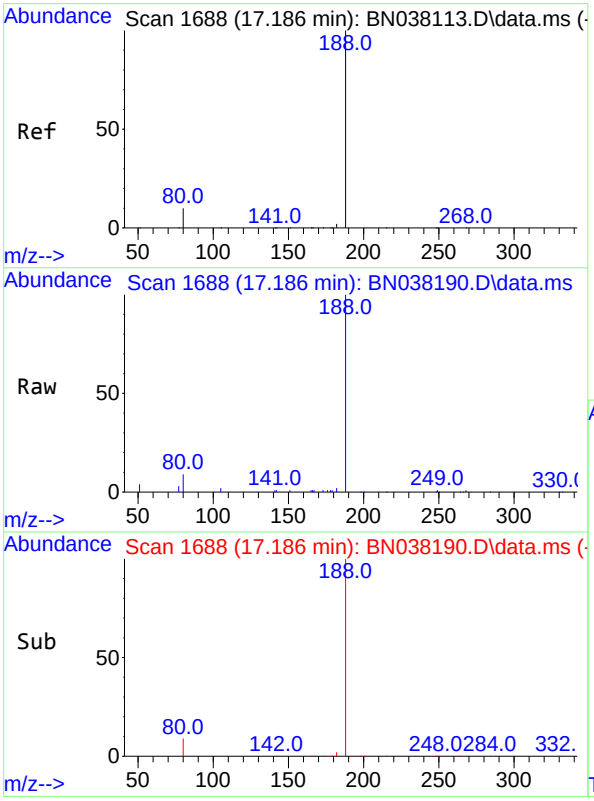
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:172 Resp: 18021

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.7	18.1	27.1

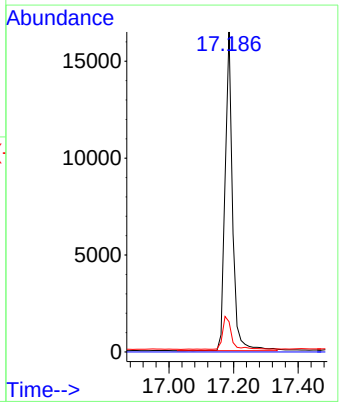


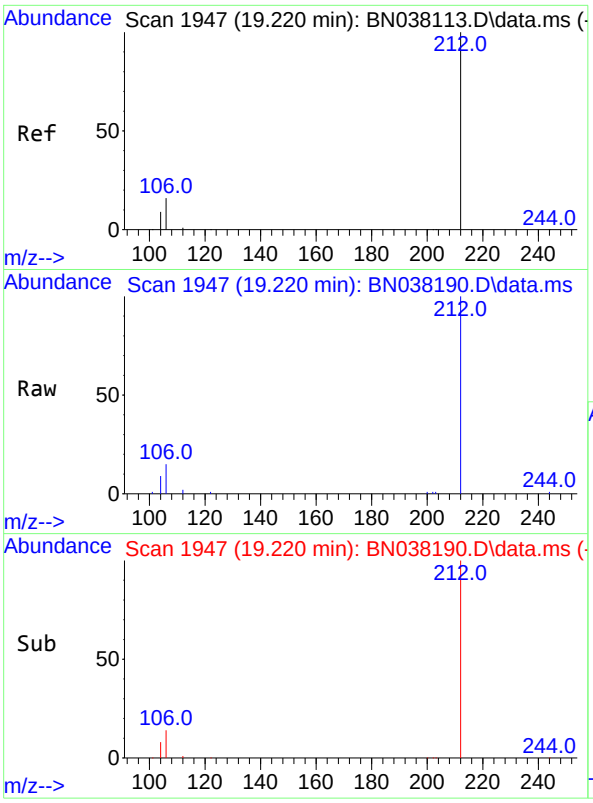


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:188 Resp: 26367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	8.6	13.0



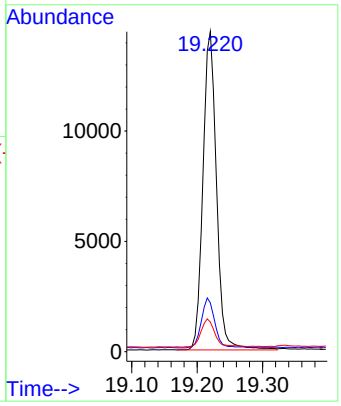


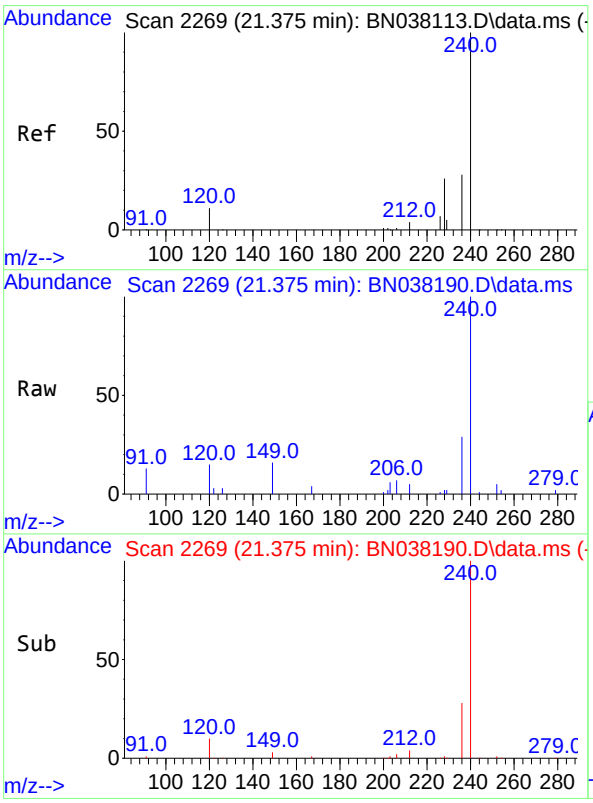
#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:212 Resp: 20743

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	9.0	7.1	10.7

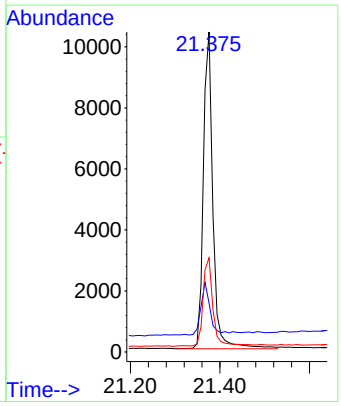


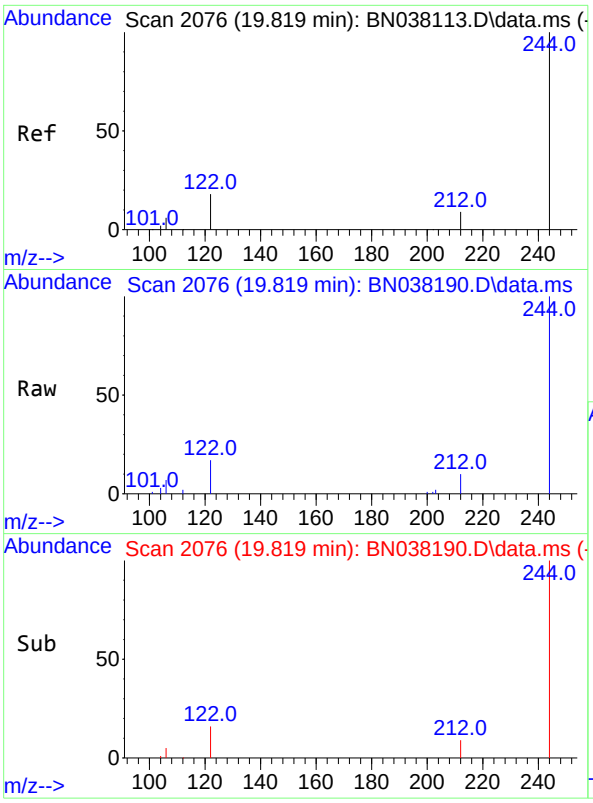


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:240 Resp: 15382

Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.7	16.1
236	29.4	23.1	34.7



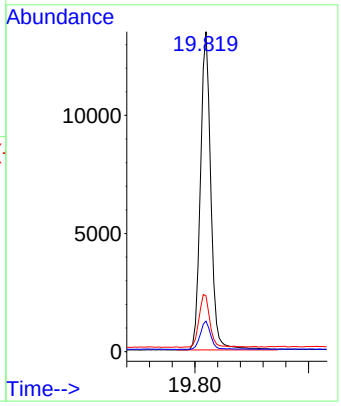


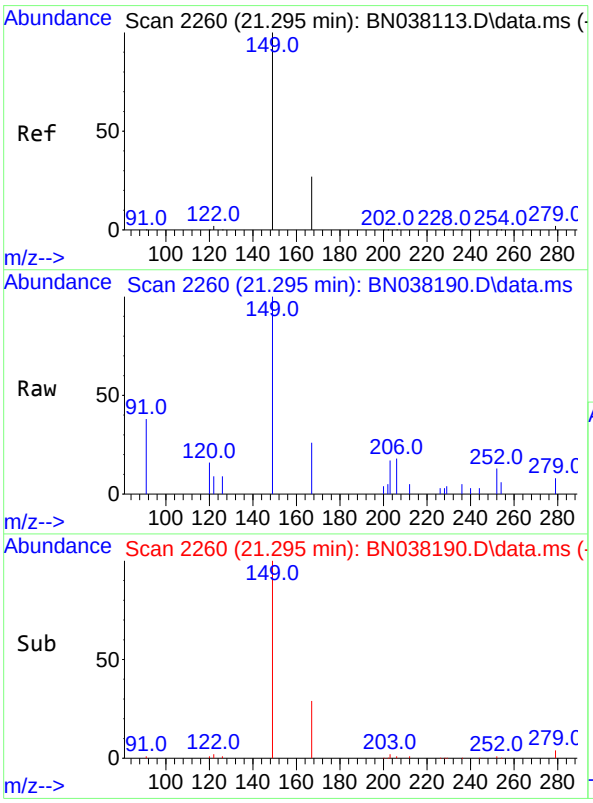
#31
Terphenyl-d14
Concen: 0.513 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:244 Resp: 17142

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.8	11.6
122	17.5	15.2	22.8

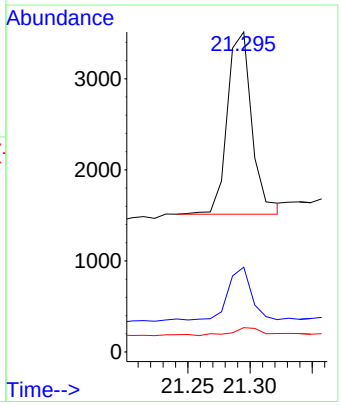


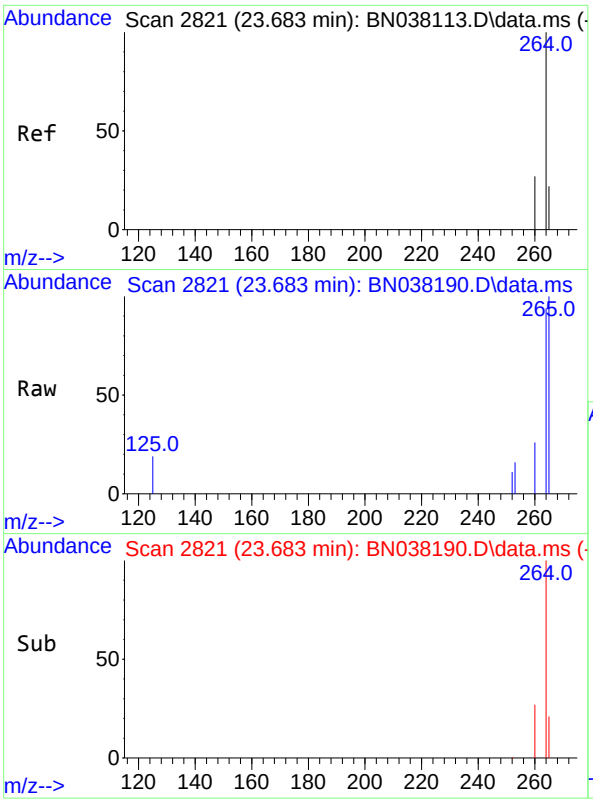


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Tgt Ion:149 Resp: 2750

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.1	31.7
279	6.7	2.9	4.3#



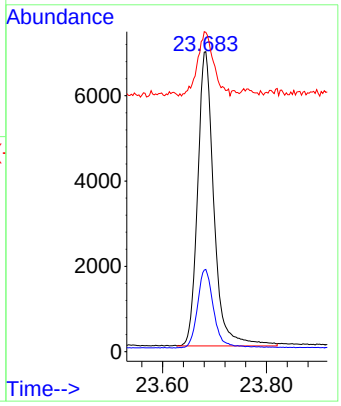


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038190.D
Acq: 12 Nov 2025 13:45

Instrument :
BNA_N
ClientSampleId :
SW-3

Tgt Ion:264 Resp: 14958

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	106.4	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038192.D
Acq On : 12 Nov 2025 14:58
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-2

Quant Time: Nov 12 15:22:03 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

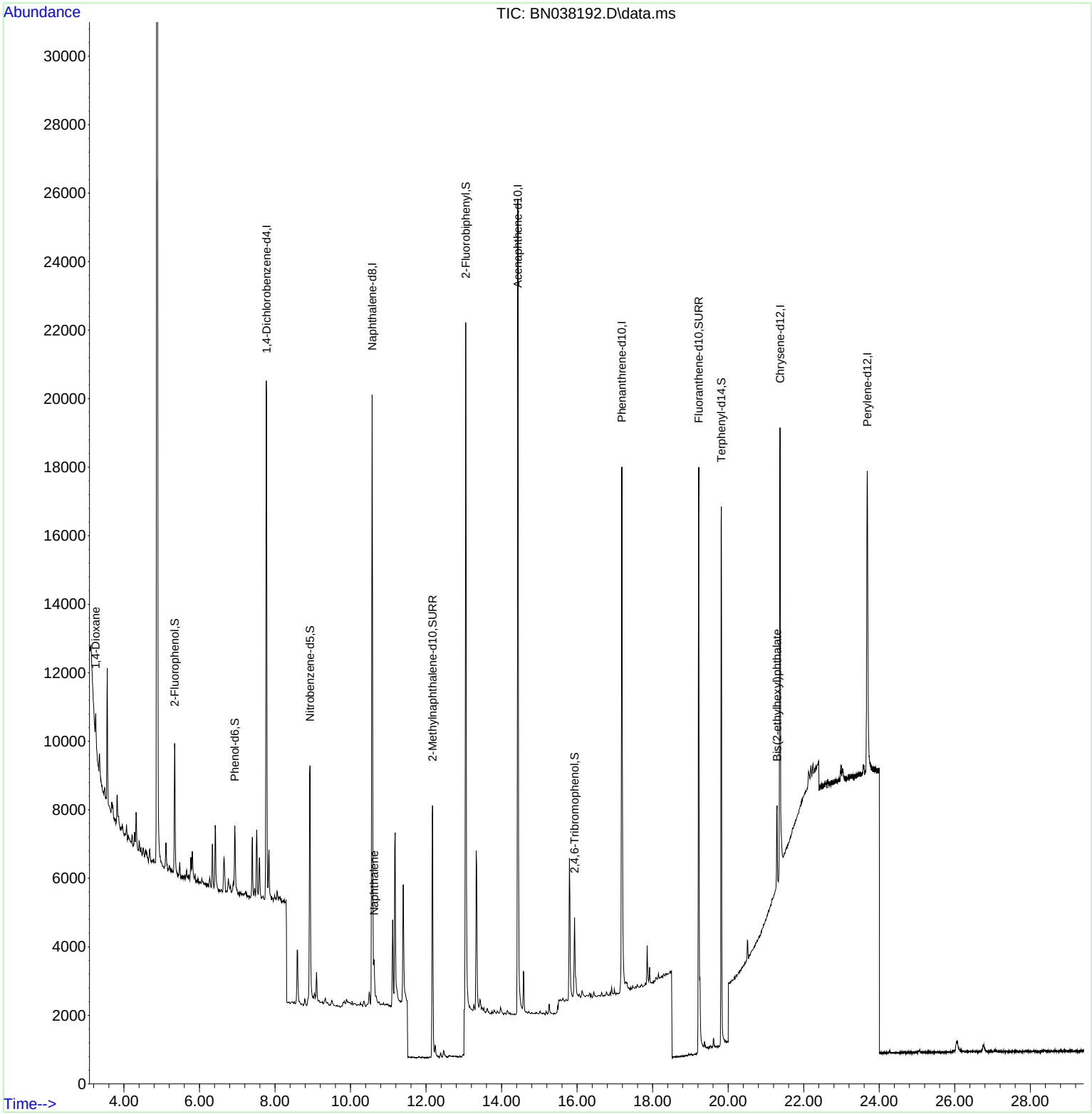
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	7967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14329	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	23415	0.400	ng	0.00
29) Chrysene-d12	21.376	240	13728	0.400	ng	0.00
35) Perylene-d12	23.683	264	13529	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3105	0.165	ng	0.00
5) Phenol-d6	6.937	99	2212	0.097	ng	0.00
8) Nitrobenzene-d5	8.929	82	6680	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10806	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1639	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	18786	0.327	ng	0.00
27) Fluoranthene-d10	19.220	212	19795	0.335	ng	0.00
31) Terphenyl-d14	19.819	244	16190	0.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	583	0.071	ng	# 48
9) Naphthalene	10.626	128	1397	0.021	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.295	149	2560	0.099	ng	99

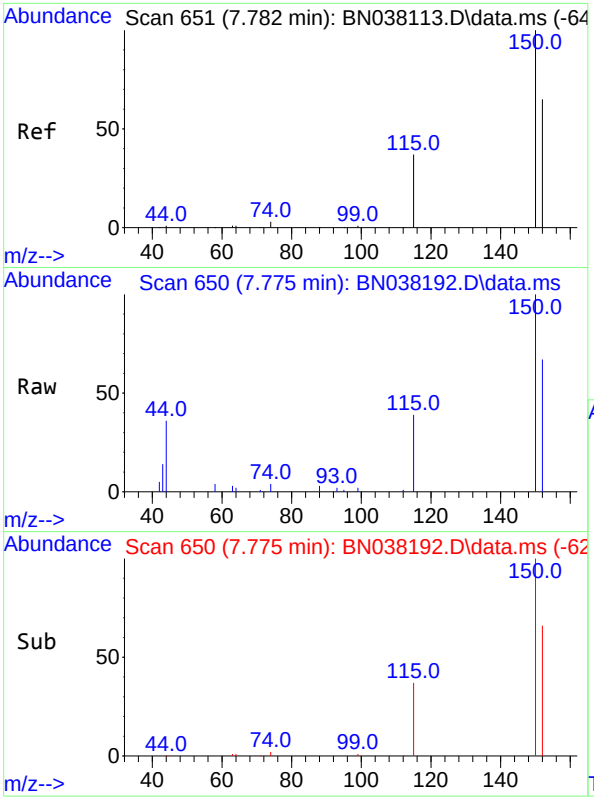
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038192.D
Acq On : 12 Nov 2025 14:58
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-2

Quant Time: Nov 12 15:22:03 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



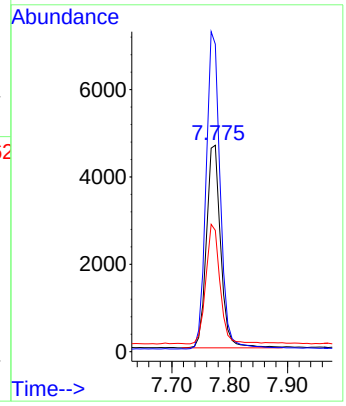


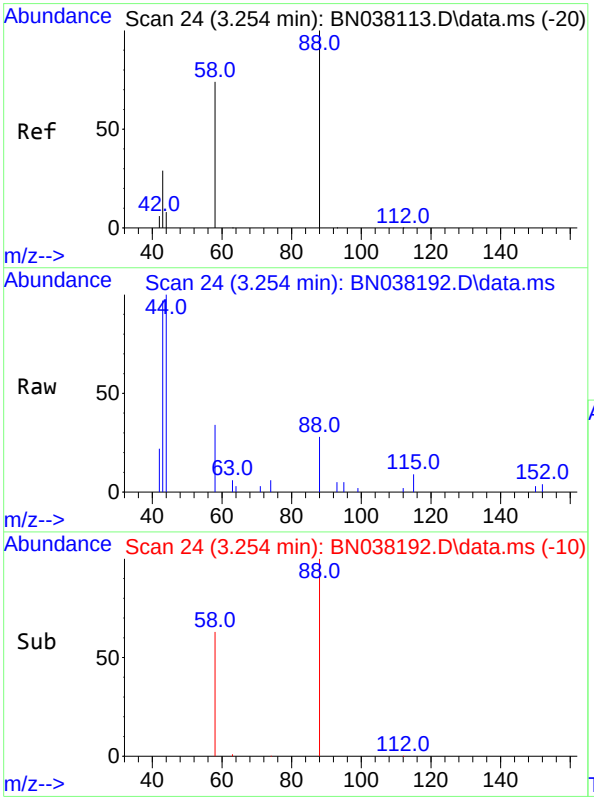
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 7967

Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.3	183.5
115	58.8	47.4	71.0

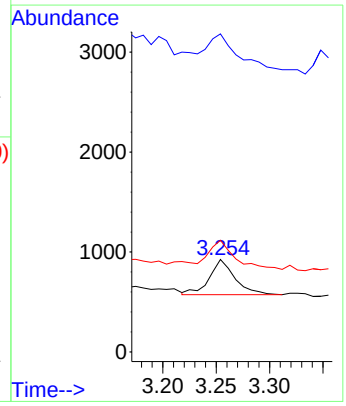


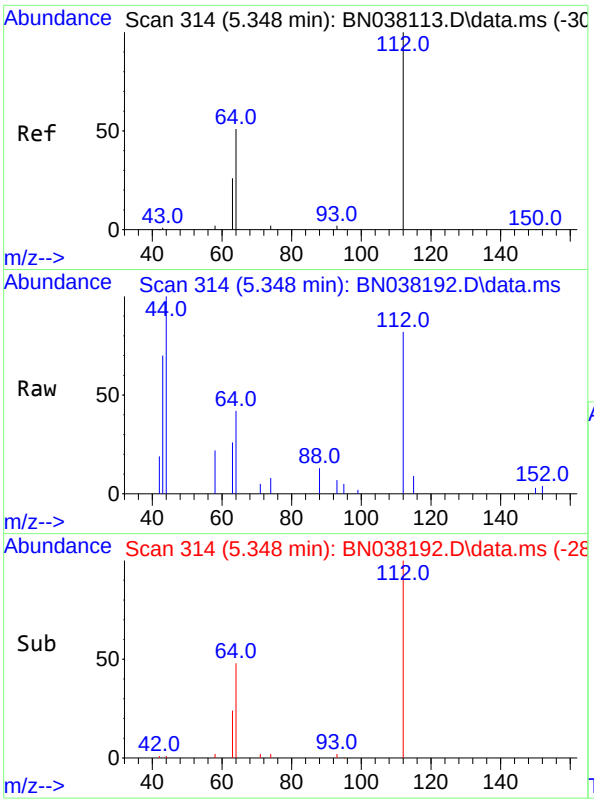


#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 88 Resp: 583

Ion	Ratio	Lower	Upper
88	100		
43	117.2	24.3	36.5#
58	83.2	60.4	90.6



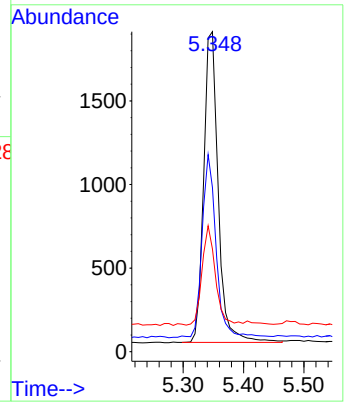


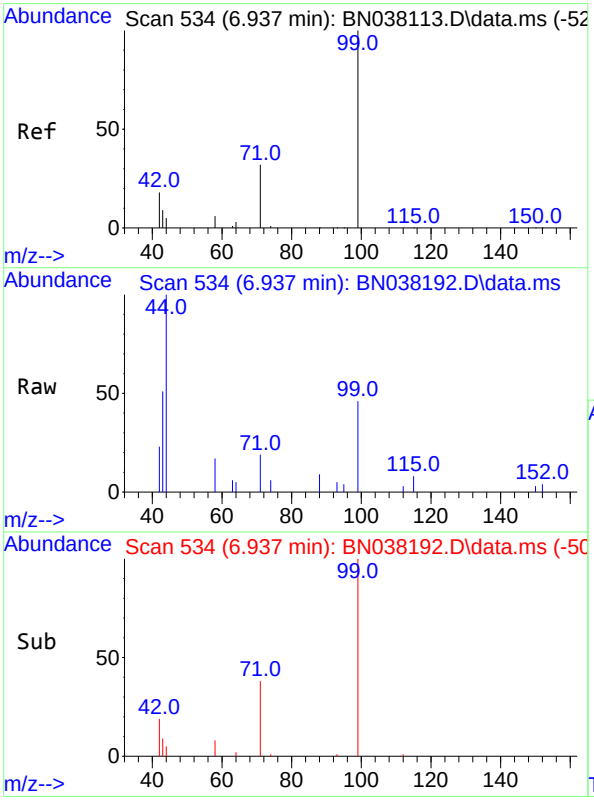
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.348 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:112 Resp: 3105

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.0
63	29.5	23.2	34.8

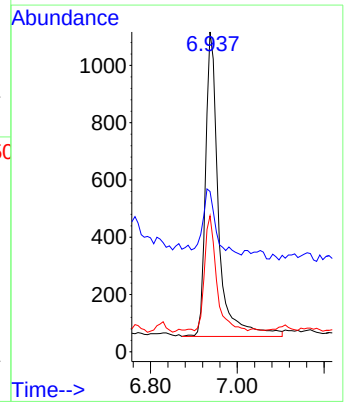


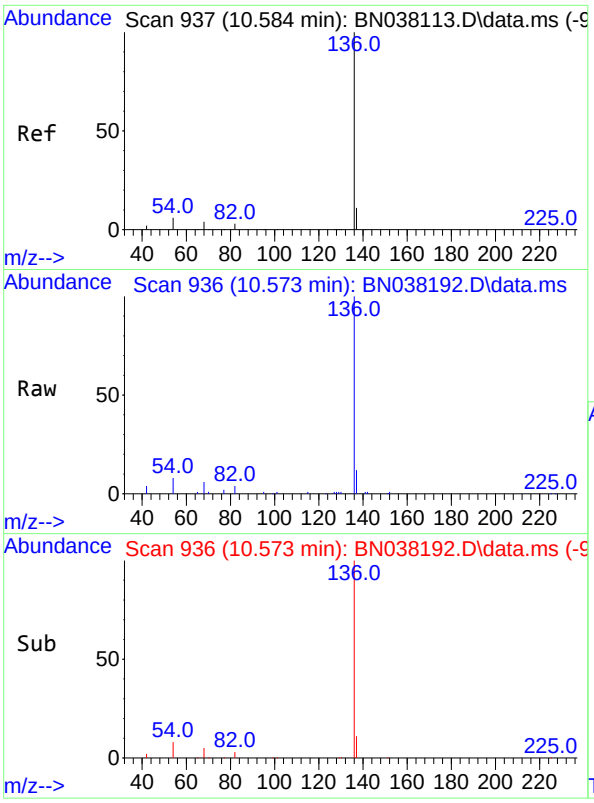


#5
Phenol-d6
Concen: 0.097 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 99 Resp: 2212

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	24.8
71	36.9	25.4	38.2



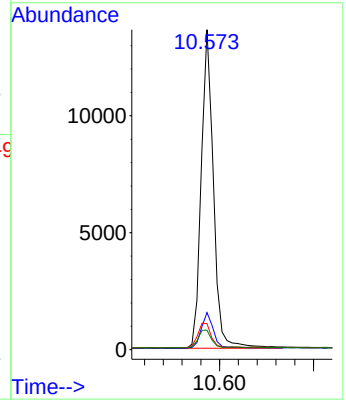


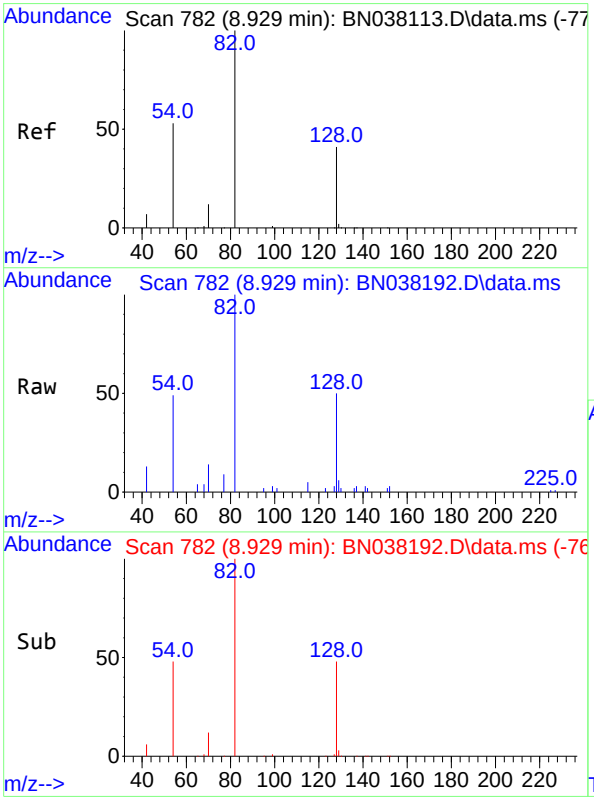
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:136 Resp: 24614

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.2	5.2	7.8#
68	6.1	4.1	6.1

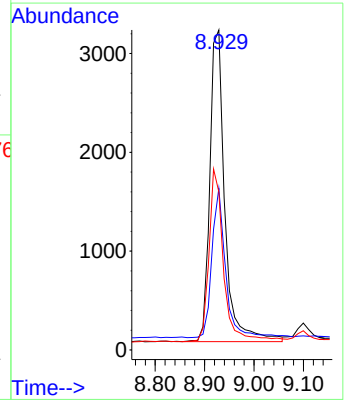


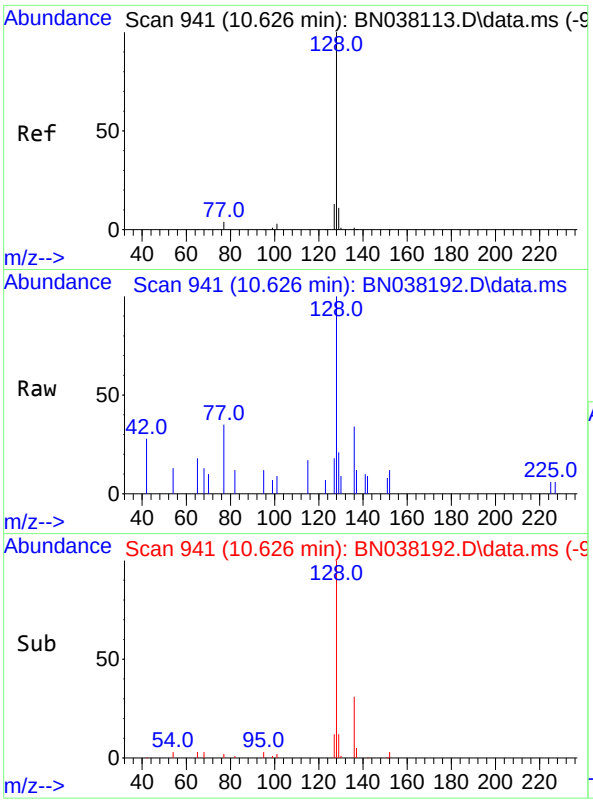


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion: 82 Resp: 6680

Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.1	51.1
54	49.4	43.5	65.3



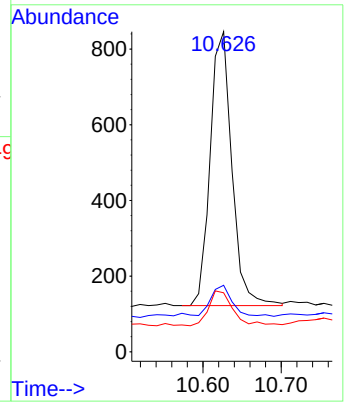


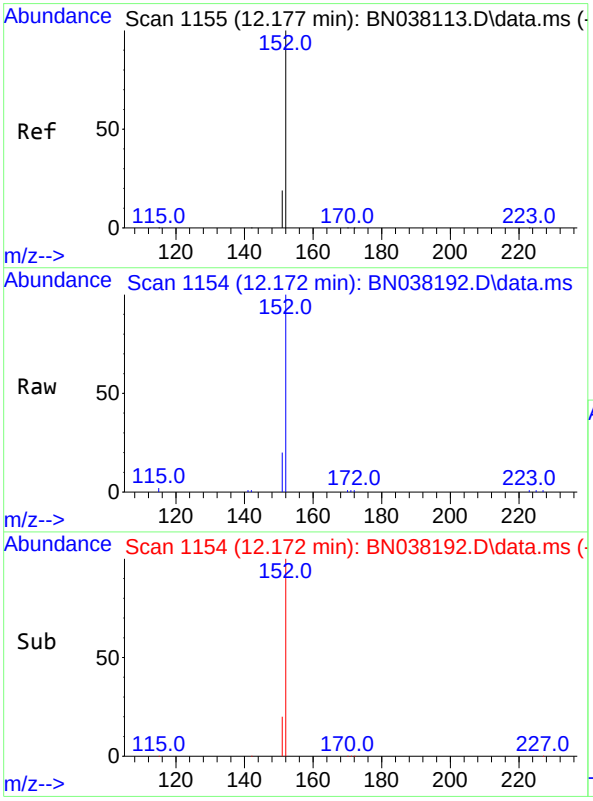
#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:128 Resp: 1397

Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.1	13.7#
127	18.4	10.5	15.7#

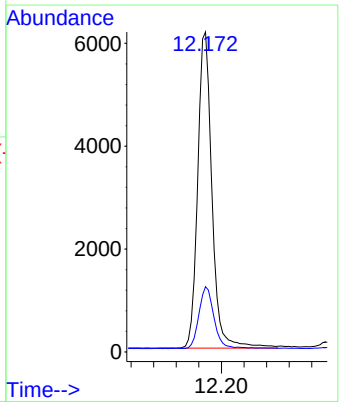


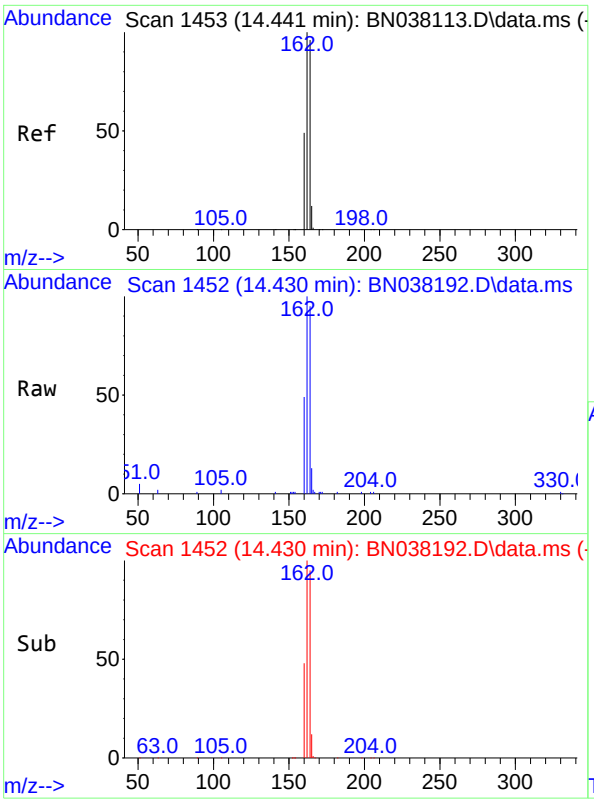


#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:152 Resp: 10806

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2



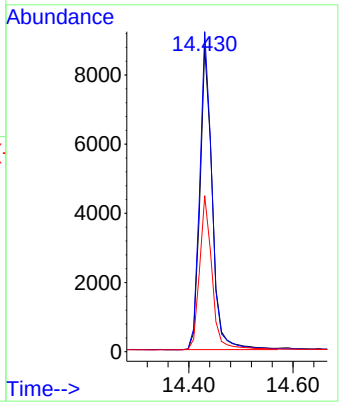


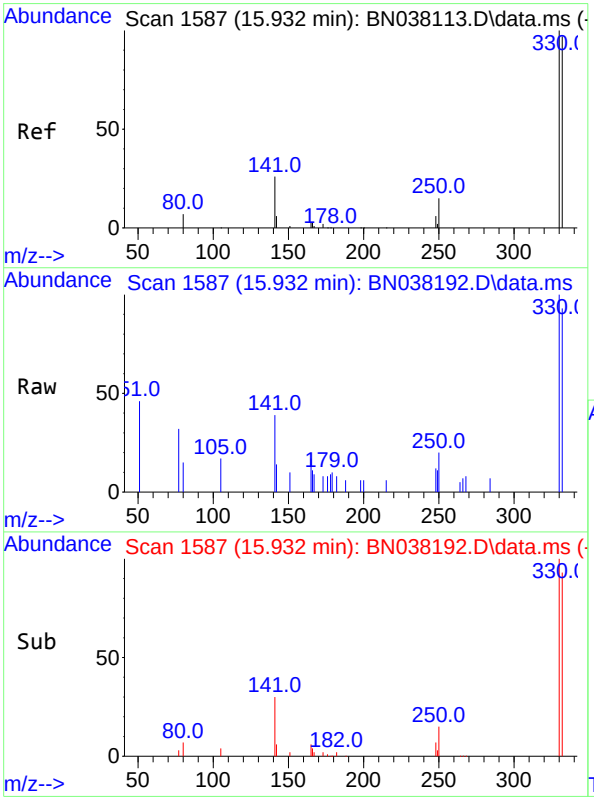
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:164 Resp: 14329

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.4
160	51.3	40.7	61.1

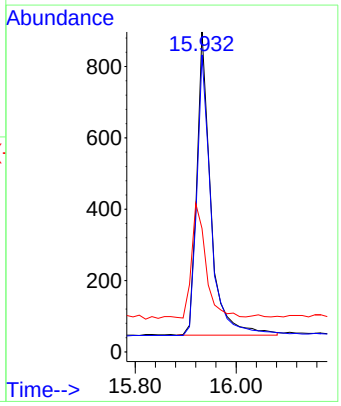


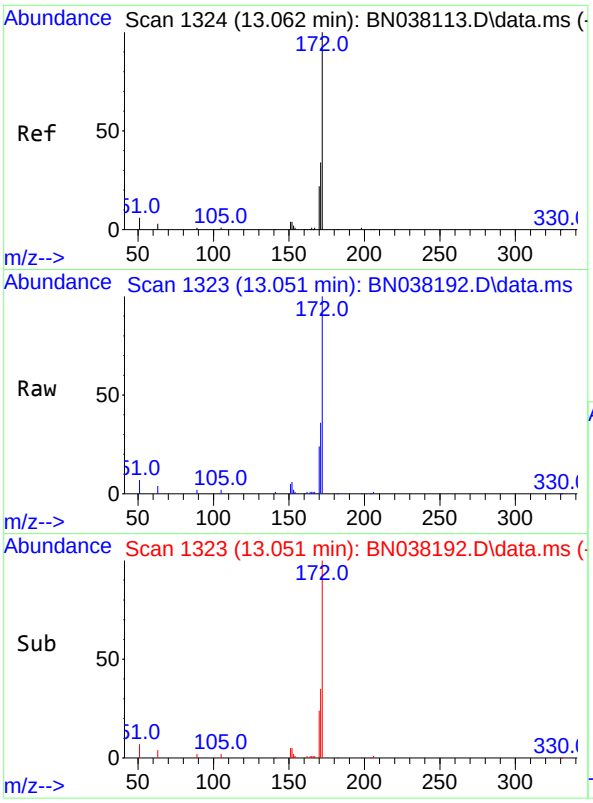


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:330 Resp: 1639

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	39.8	34.1	51.1



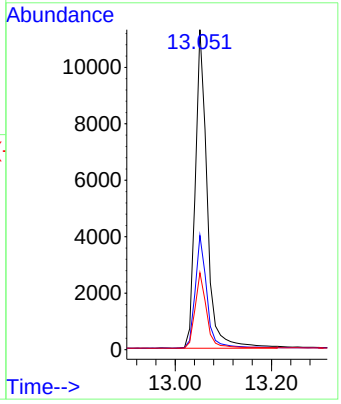


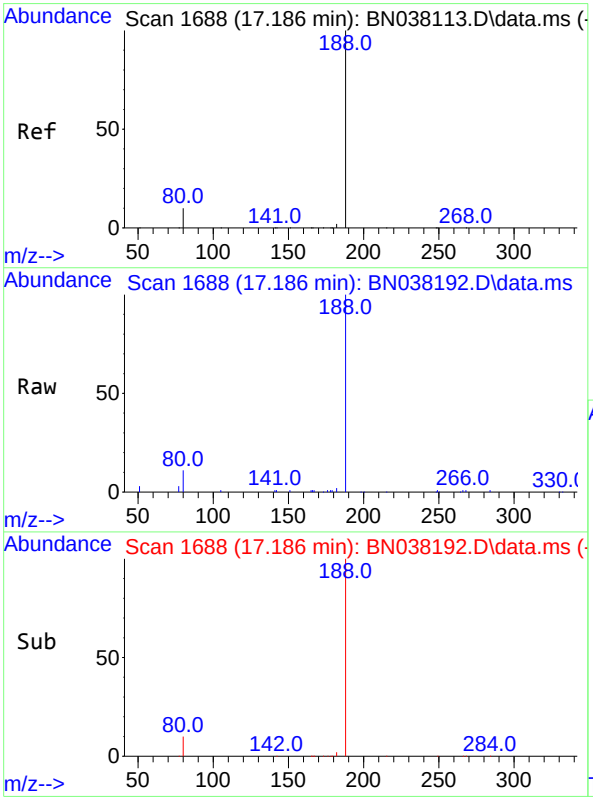
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:172 Resp: 18786

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.0	18.1	27.1

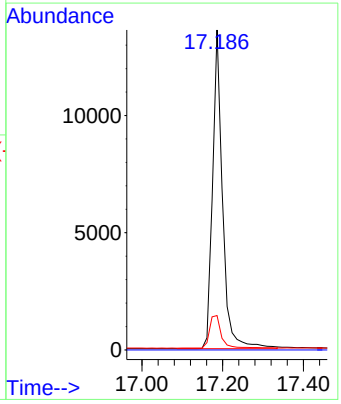


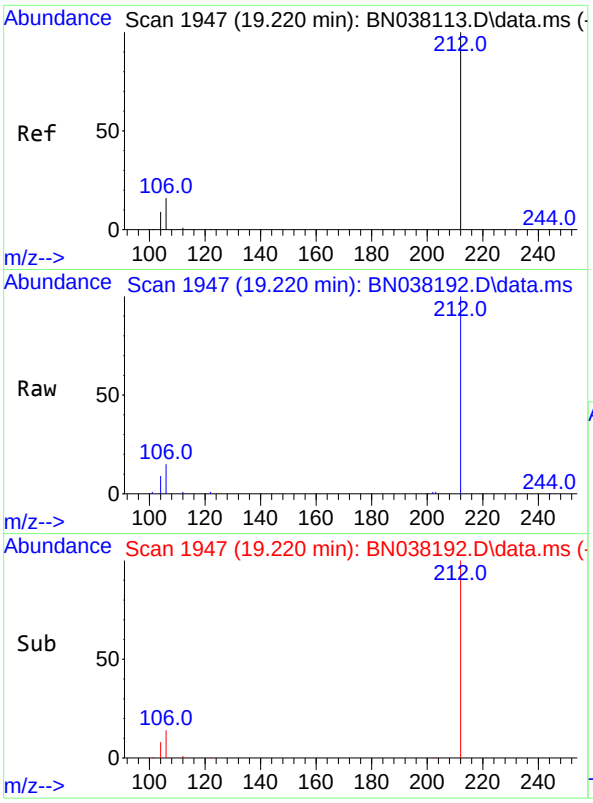


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:188 Resp: 23415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	13.0



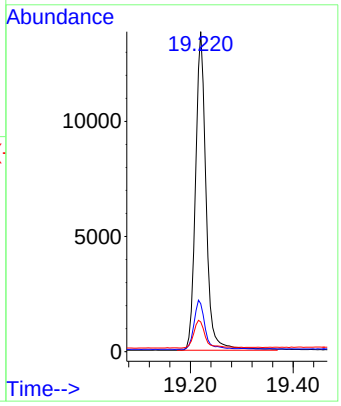


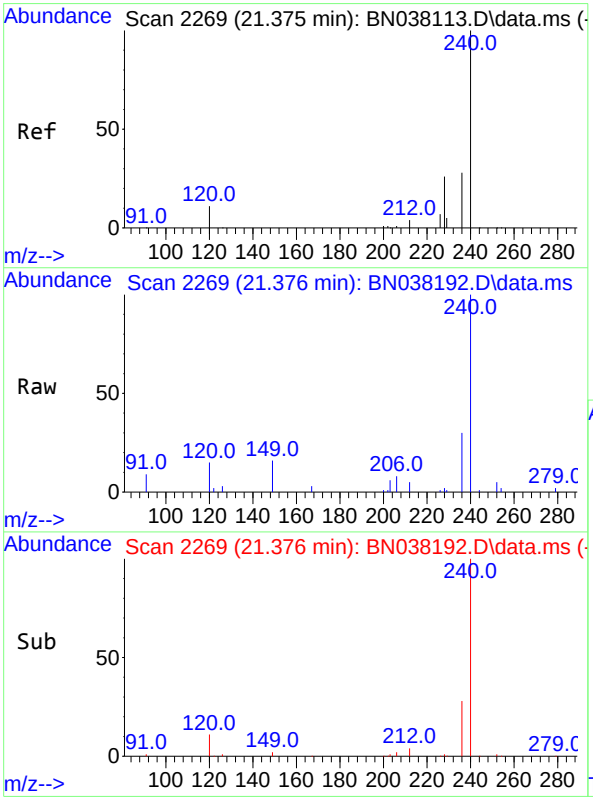
#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:212 Resp: 19795

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	9.7	7.1	10.7

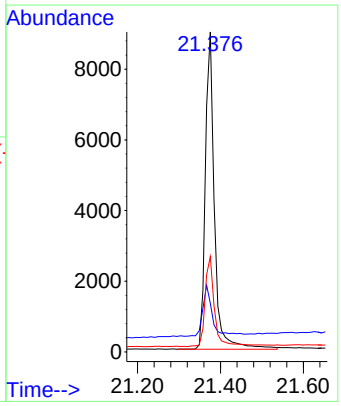


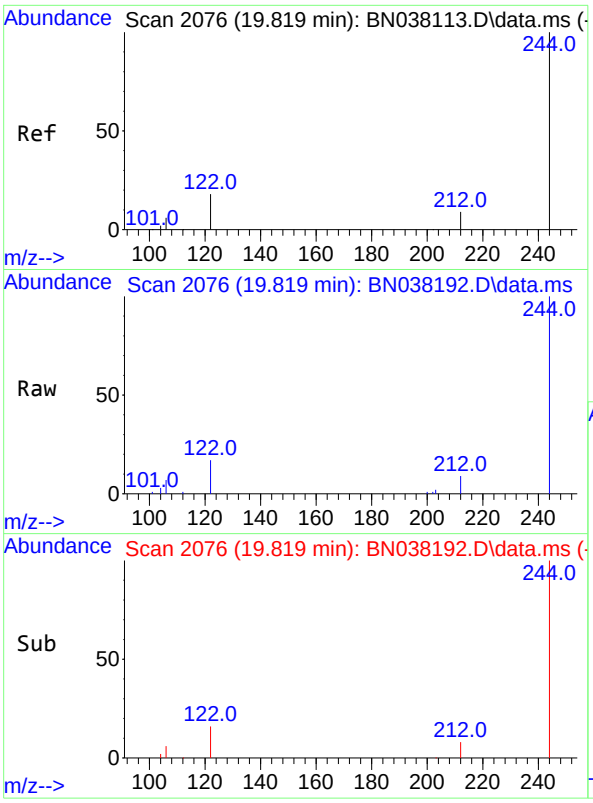


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:240 Resp: 13728

Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.7	16.1
236	29.8	23.1	34.7



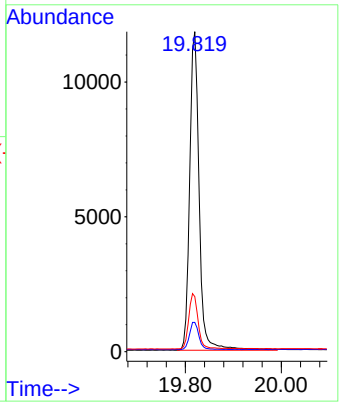


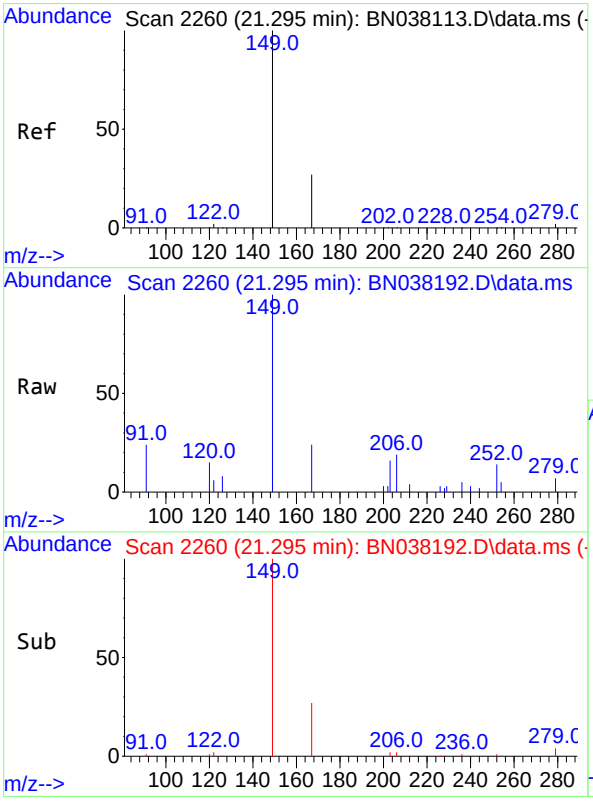
#31
Terphenyl-d14
Concen: 0.543 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:244 Resp: 16190

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.8	11.6
122	17.2	15.2	22.8

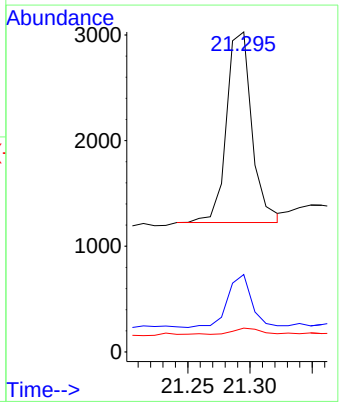


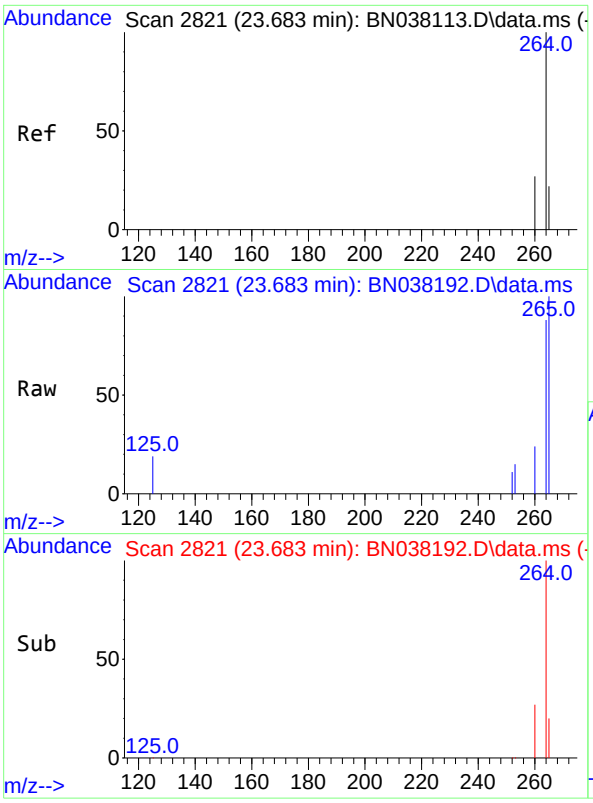


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Tgt Ion:149 Resp: 2560

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.1	31.7
279	3.6	2.9	4.3



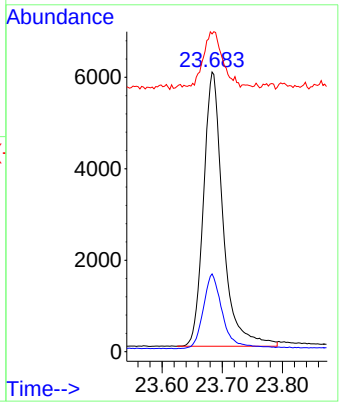


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN038192.D
Acq: 12 Nov 2025 14:58

Instrument :
BNA_N
ClientSampleId :
EB-2

Tgt Ion:264 Resp: 13529

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.8	32.8
265	113.7	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038193.D
Acq On : 12 Nov 2025 15:34
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-2

Quant Time: Nov 12 16:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

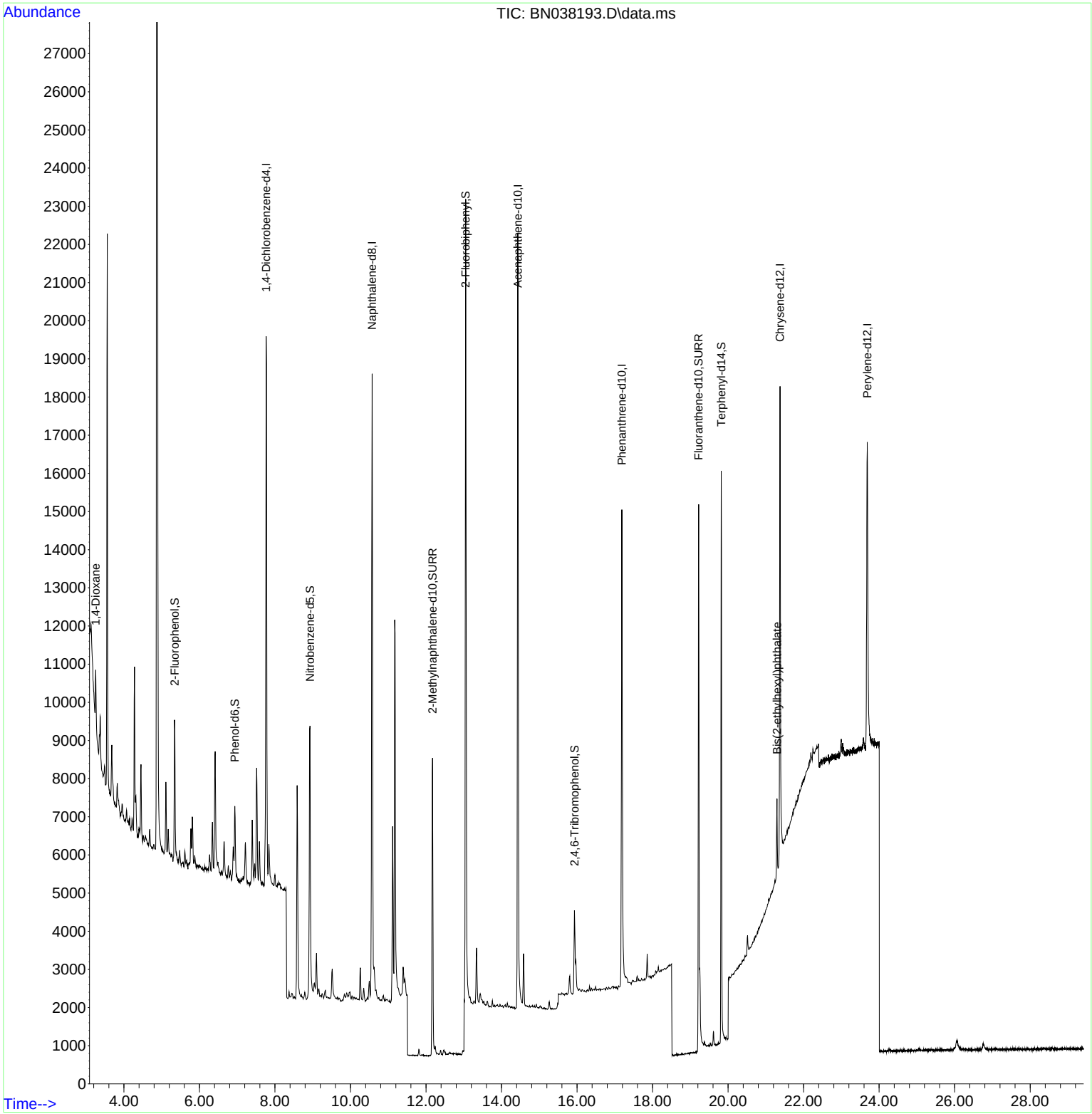
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	7532	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22809	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	12555	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	19699	0.400	ng	0.00
29) Chrysene-d12	21.375	240	13022	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	12879	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3038	0.171	ng	0.00
5) Phenol-d6	6.937	99	2167	0.100	ng	0.00
8) Nitrobenzene-d5	8.929	82	6826	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10949	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1548	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19515	0.388	ng	0.00
27) Fluoranthene-d10	19.220	212	17319	0.349	ng	0.00
31) Terphenyl-d14	19.819	244	15311	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	785	0.101	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.295	149	2038	0.083	ng	98

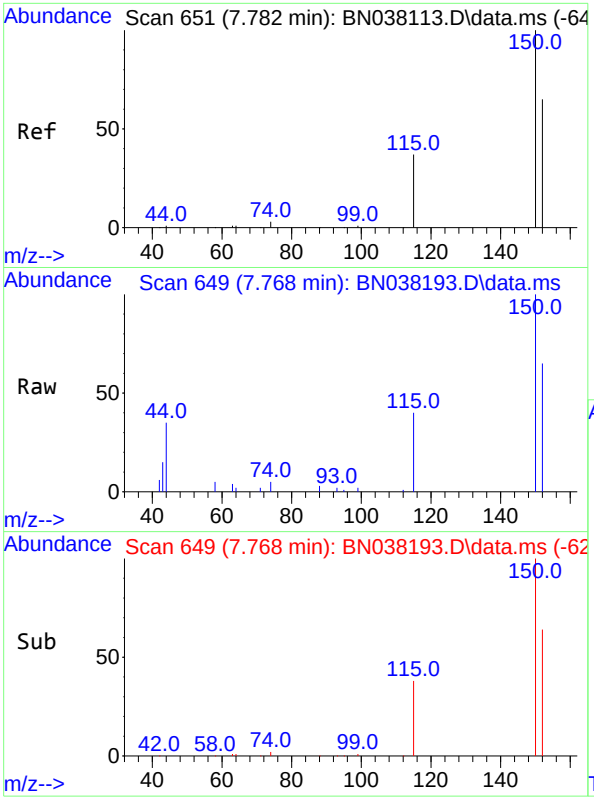
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038193.D
Acq On : 12 Nov 2025 15:34
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-2

Quant Time: Nov 12 16:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



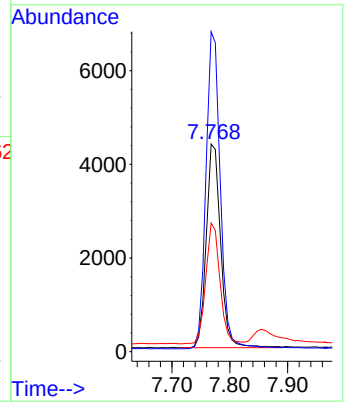


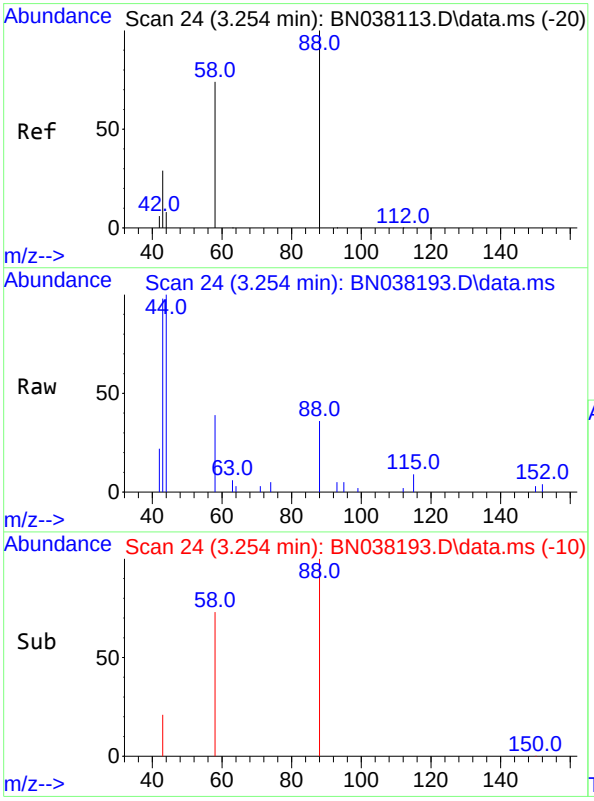
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:152 Resp: 7532

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.3	183.5
115	61.9	47.4	71.0

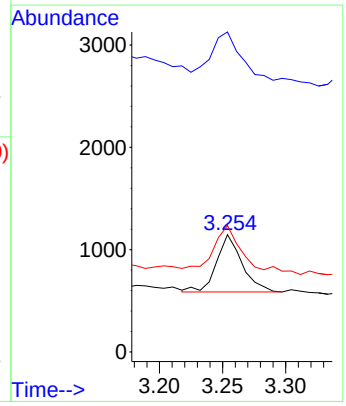


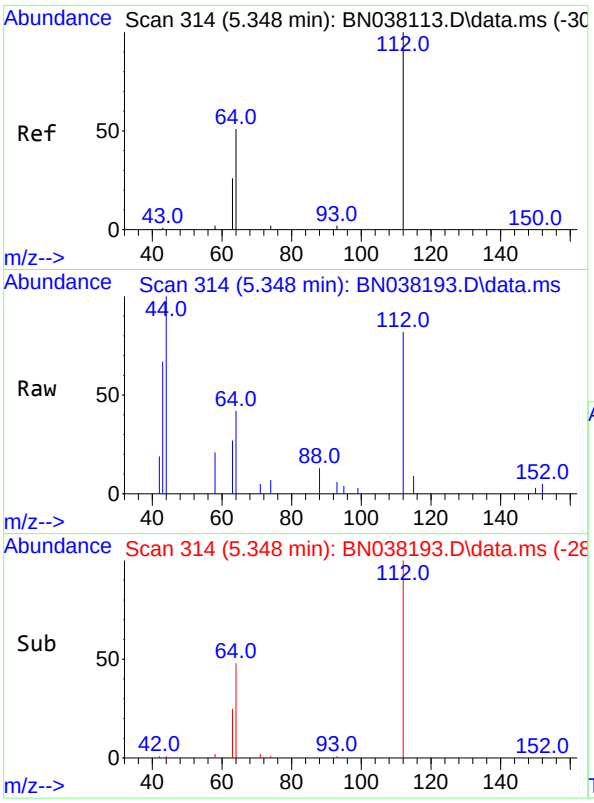


#2
1,4-Dioxane
Concen: 0.101 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 88 Resp: 785

Ion	Ratio	Lower	Upper
88	100		
43	115.4	24.3	36.5#
58	104.6	60.4	90.6#



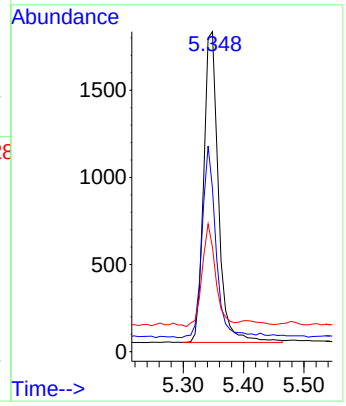


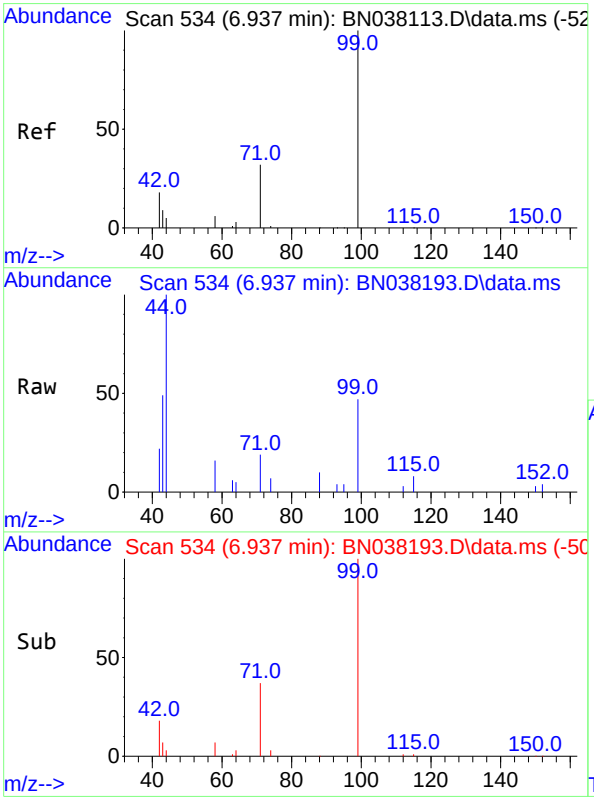
#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.348 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:112 Resp: 3038

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.0
63	30.2	23.2	34.8

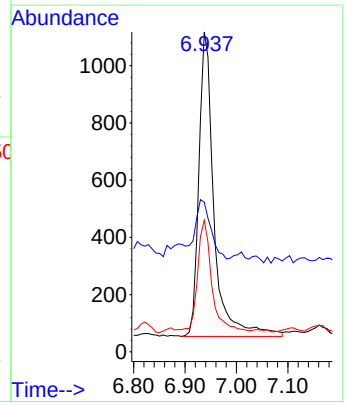


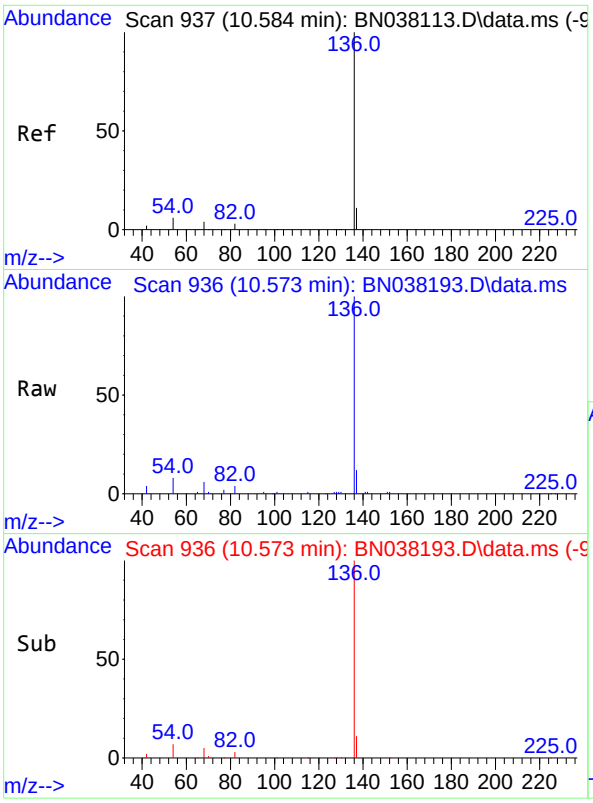


#5
Phenol-d6
Concen: 0.100 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 99 Resp: 2167

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.6	24.8
71	33.5	25.4	38.2



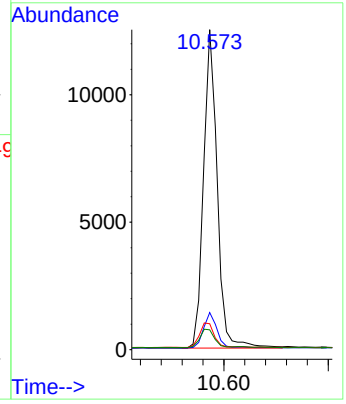


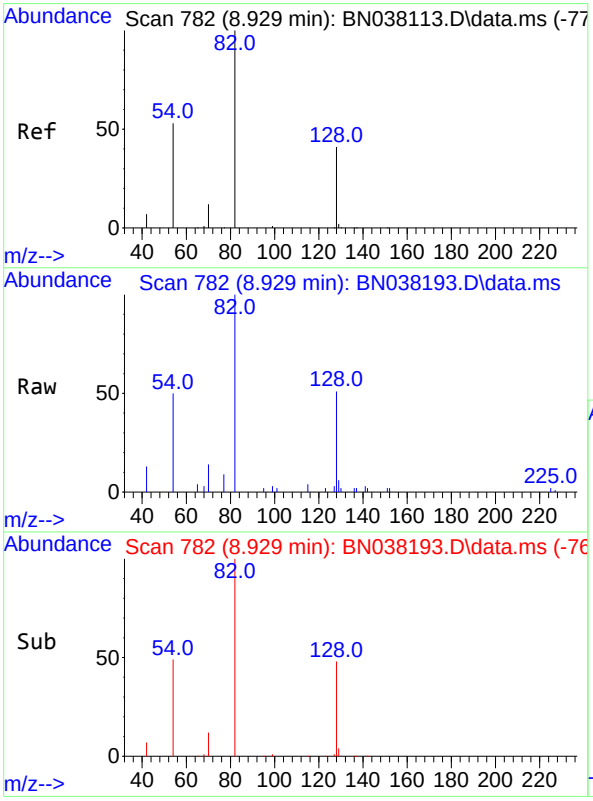
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:136 Resp: 22809

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.1	5.2	7.8#
68	6.2	4.1	6.1#

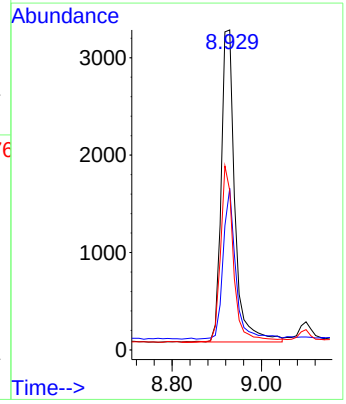


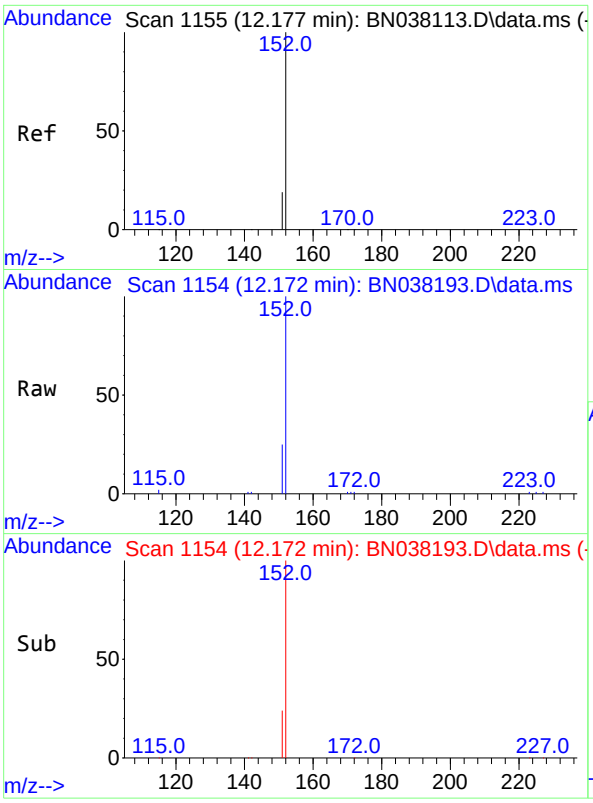


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion: 82 Resp: 6826

Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.1	51.1
54	49.9	43.5	65.3



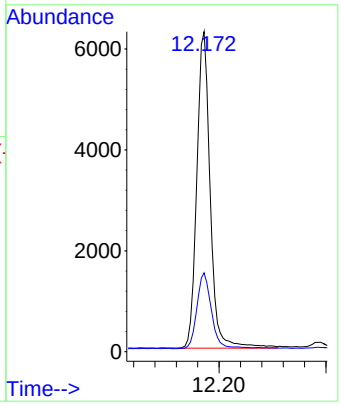


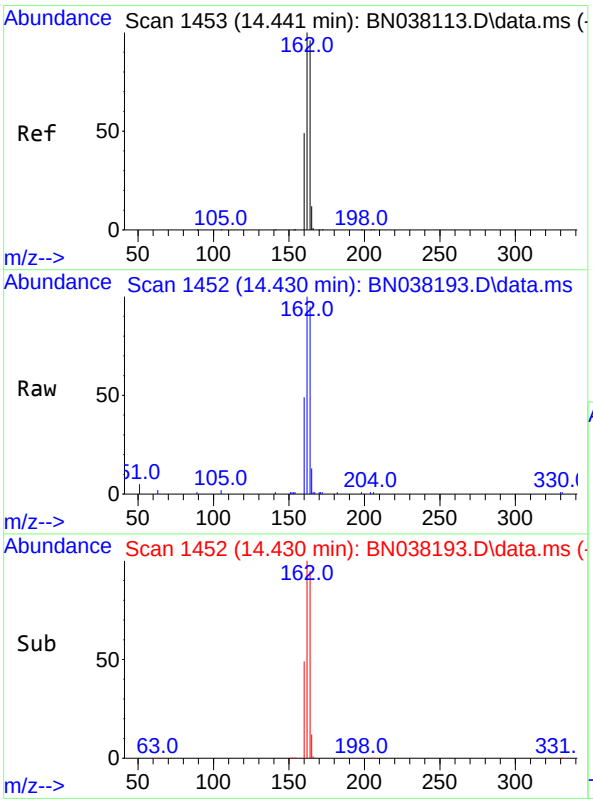
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:152 Resp: 10949

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.8	25.2#

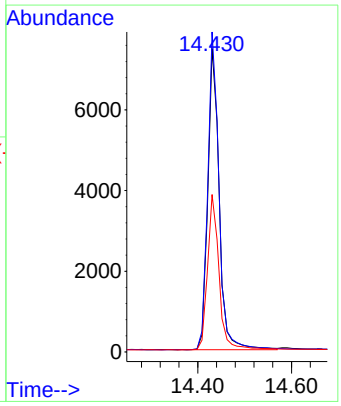




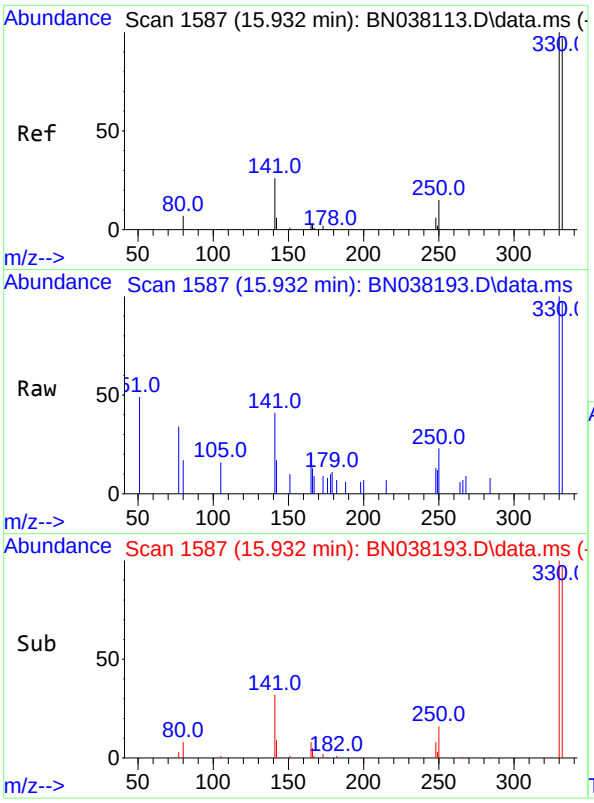
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:164 Resp: 12555

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.4
160	51.9	40.7	61.1



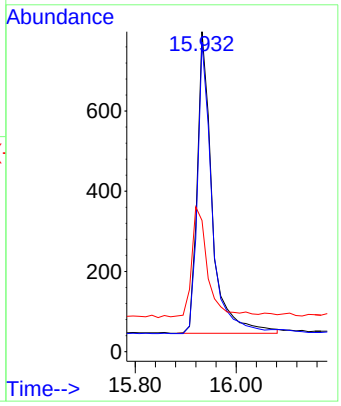
Instrument :
BNA_N
ClientSampleId :
FB-2

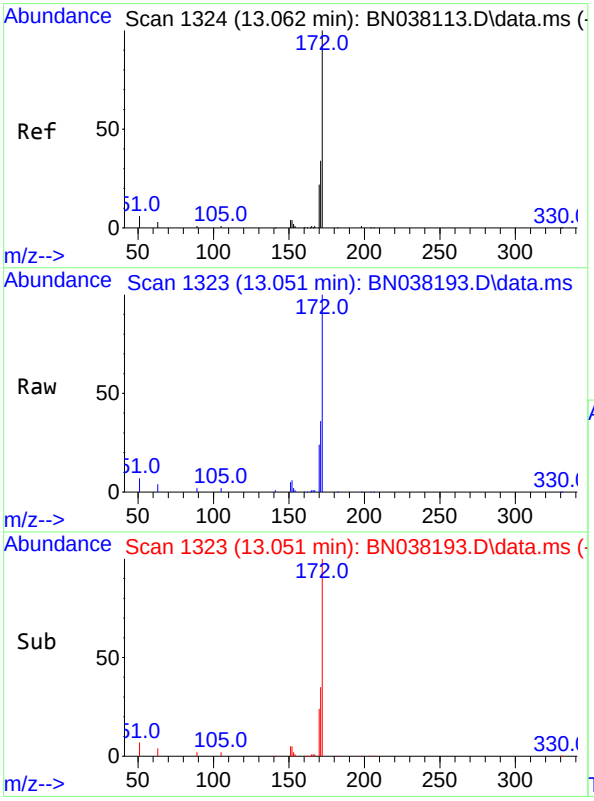


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:330 Resp: 1548

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	40.6	34.1	51.1

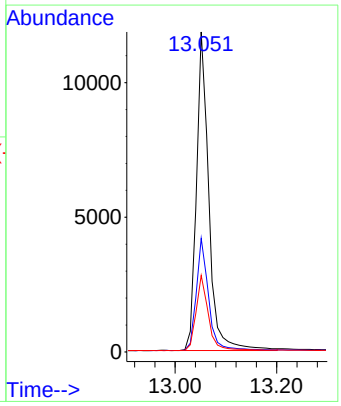


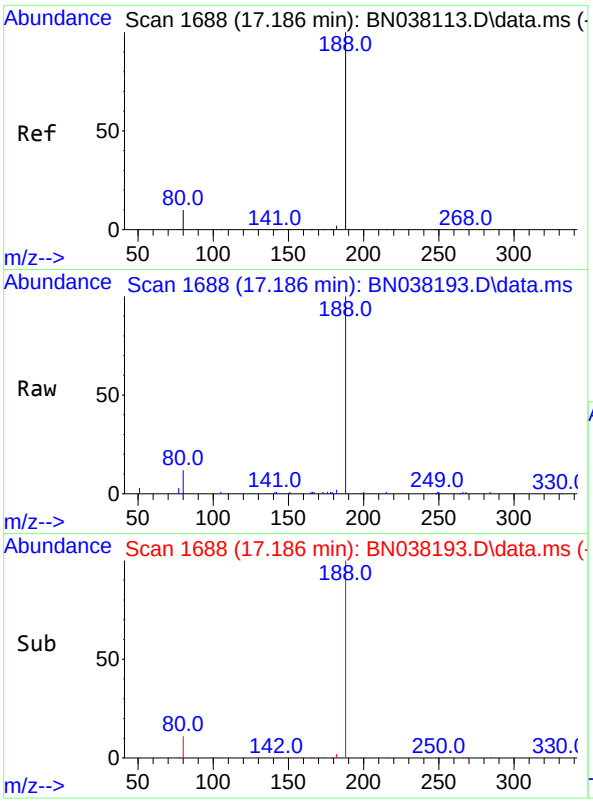


#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:172 Resp: 19515

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.9	18.1	27.1



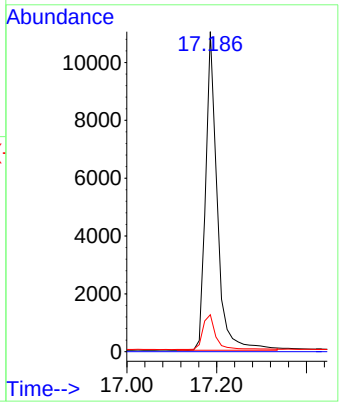


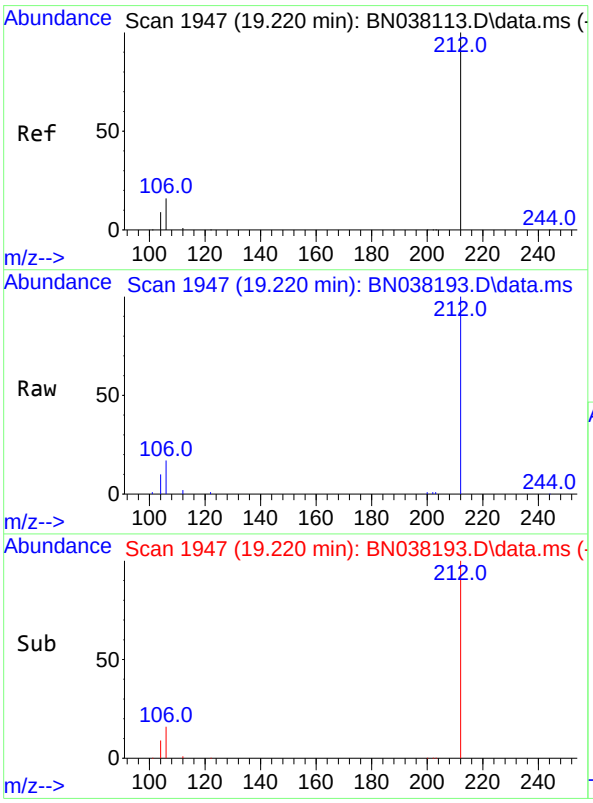
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:188 Resp: 19699

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.6	13.0

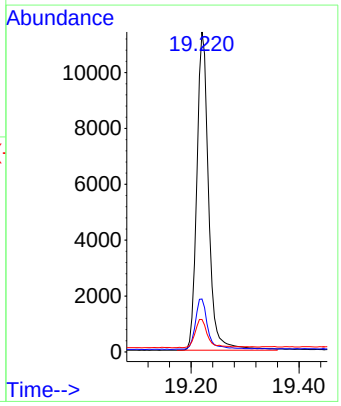


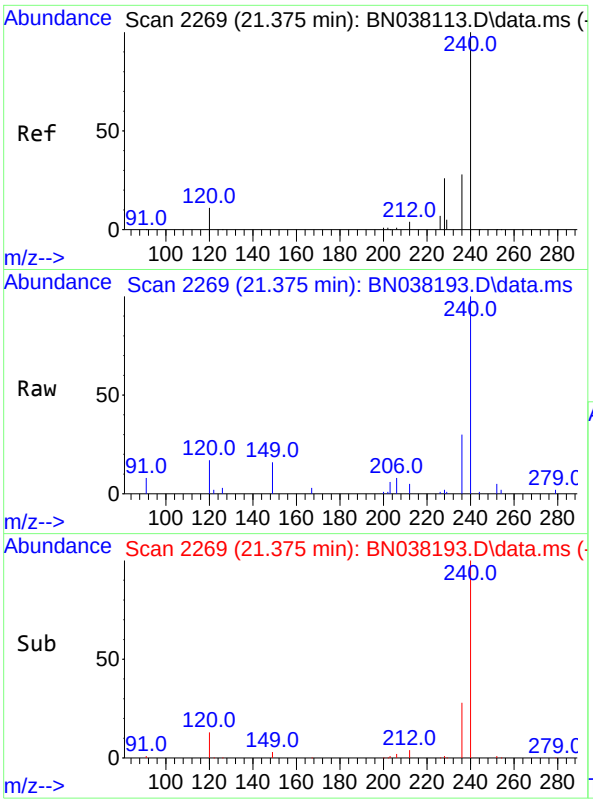


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:212 Resp: 17319

Ion	Ratio	Lower	Upper
212	100		
106	16.9	12.6	19.0
104	9.8	7.1	10.7



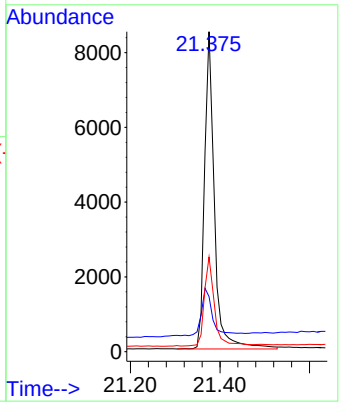


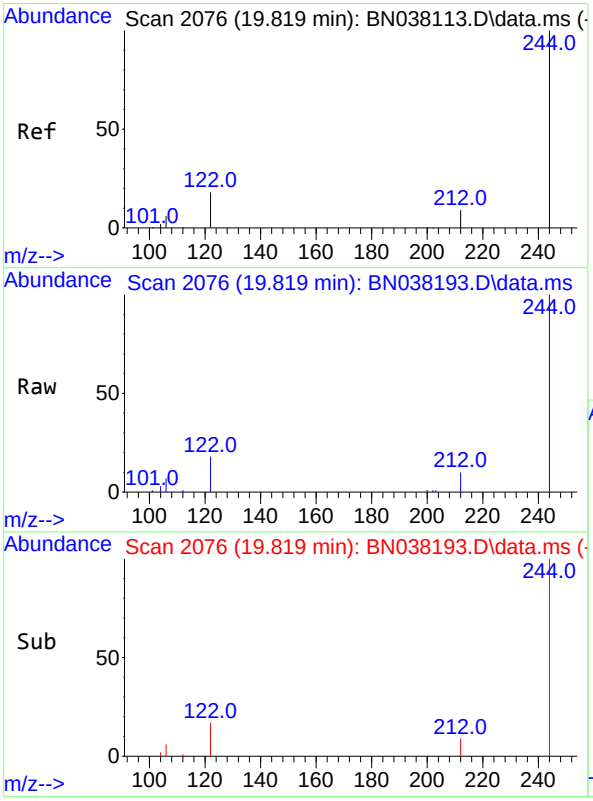
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:240 Resp: 13022

Ion	Ratio	Lower	Upper
240	100		
120	17.2	10.7	16.1#
236	29.6	23.1	34.7

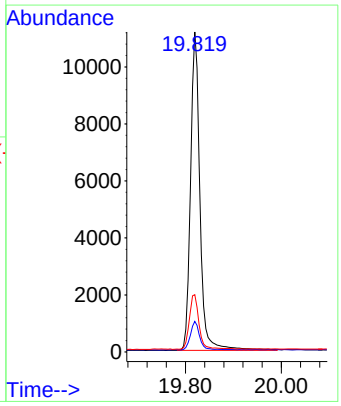


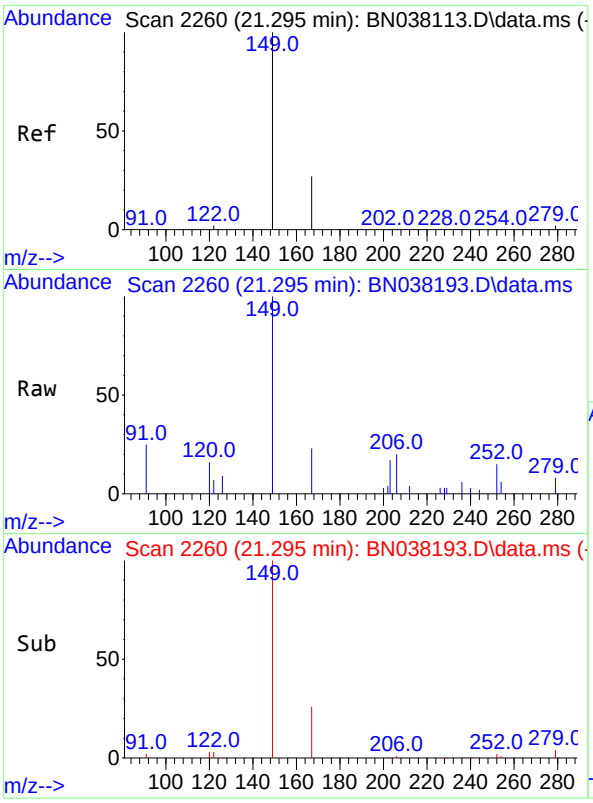


#31
Terphenyl-d14
Concen: 0.541 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:244 Resp: 15311

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	17.9	15.2	22.8



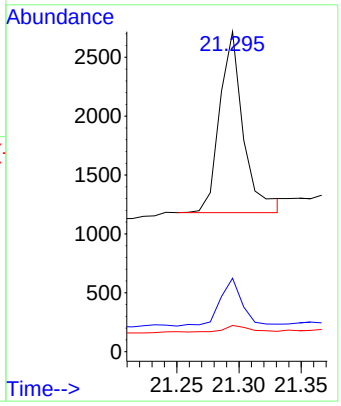


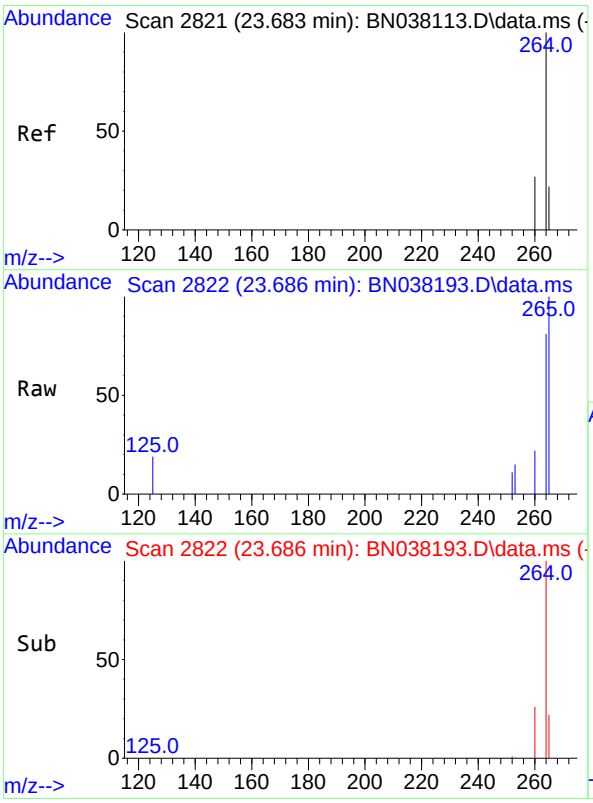
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Instrument :
BNA_N
ClientSampleId :
FB-2

Tgt Ion:149 Resp: 2038

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.1	31.7
279	3.7	2.9	4.3

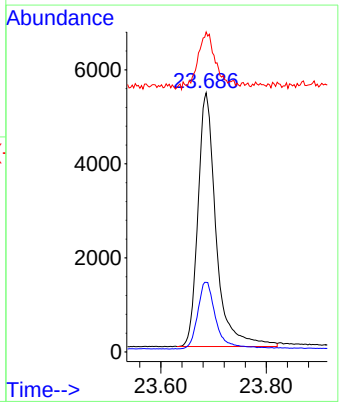




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038193.D
Acq: 12 Nov 2025 15:34

Tgt Ion:264 Resp: 12879

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	123.5	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038200.D
Acq On : 13 Nov 2025 13:27
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 4 Sample Multiplier: 50

Quant Time: Nov 13 14:19:24 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 :
SEEP-1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	538910	20.000	ng	0.00
7) Naphthalene-d8	10.573	136	1785287	20.000	ng	0.00
13) Acenaphthene-d10	14.430	164	1021405	20.000	ng	0.00
19) Phenanthrene-d10	17.186	188	1654430	20.000	ng	# 0.00
29) Chrysene-d12	21.375	240	1150690	20.000	ng	# 0.00
35) Perylene-d12	23.680	264	1246822	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4784	0.188	ng	0.00
5) Phenol-d6	6.937	99	8931m	0.289	ng	0.00
8) Nitrobenzene-d5	8.918	82	8631	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	14761	0.289	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	2878	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	21384	0.261	ng	0.00
27) Fluoranthene-d10	19.215	212	20805	0.249	ng	0.00
31) Terphenyl-d14	19.815	244	15374	0.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	125586	11.277	ng	97
24) Pentachlorophenol	16.838	266	301	0.028	ng	89
32) Benzo(a)anthracene	21.366	228	5577m	0.068	ng	
34) Bis(2-ethylhexyl)phtha...	21.286	149	14735	0.341	ng	# 89

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

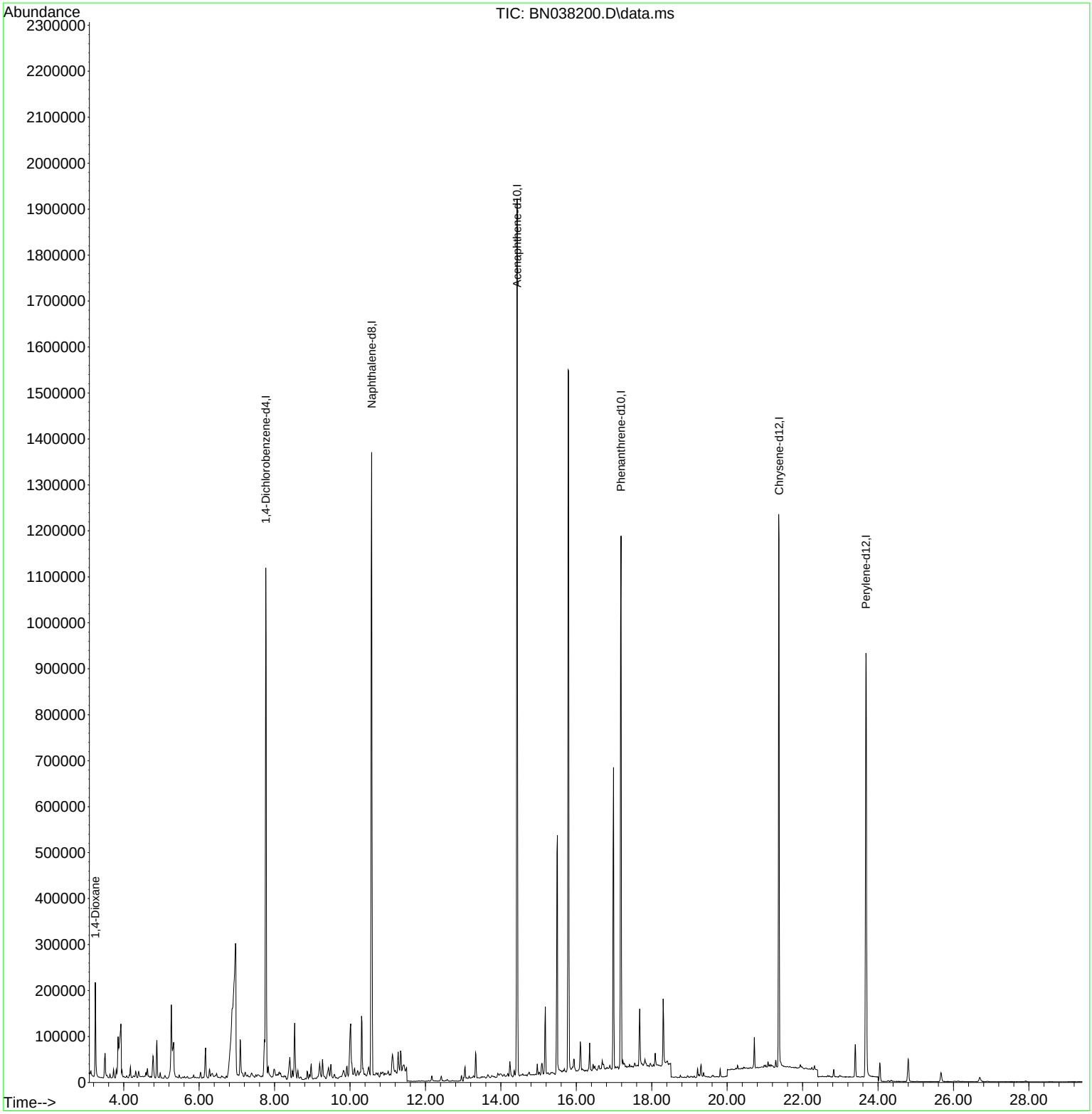
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038200.D
Acq On : 13 Nov 2025 13:27
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 4 Sample Multiplier: 50

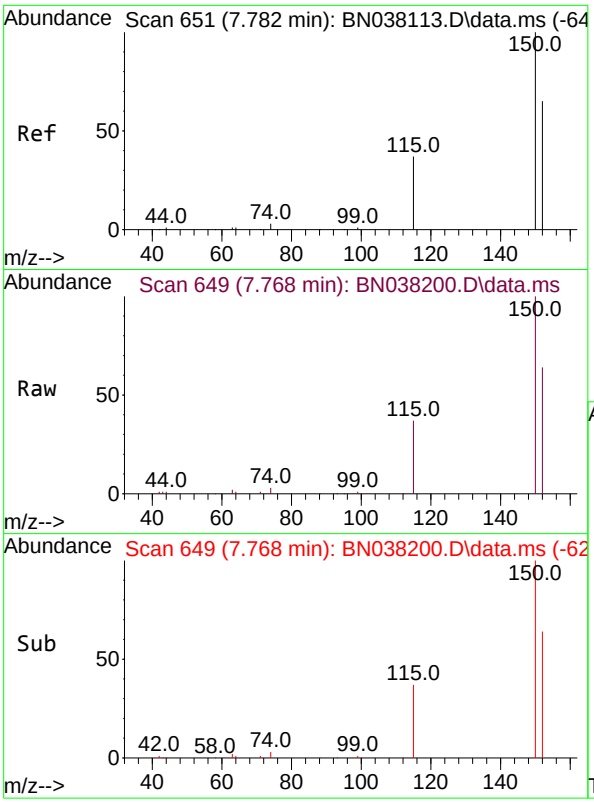
Quant Time: Nov 13 14:19:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

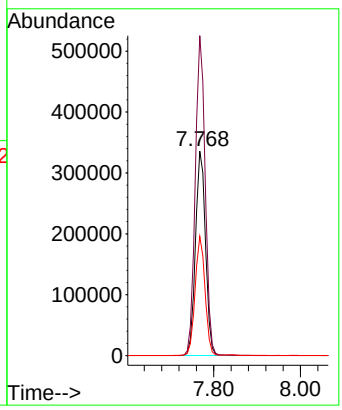




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:152 Resp: 53891

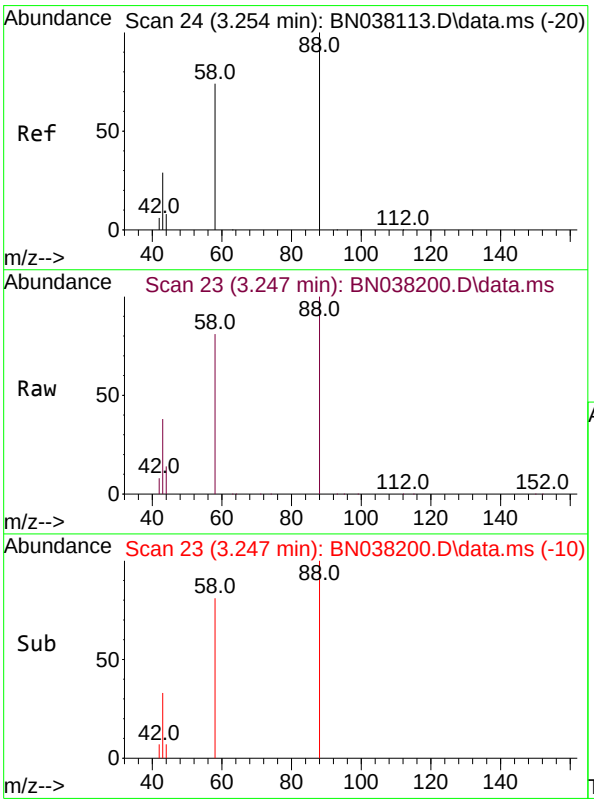
Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.3	183.5
115	58.3	47.4	71.0



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

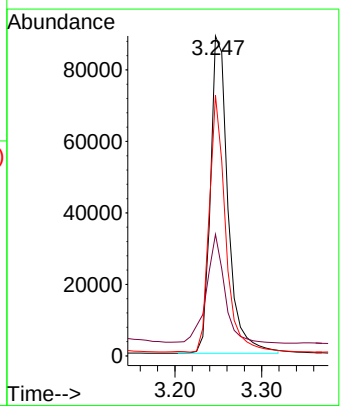
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

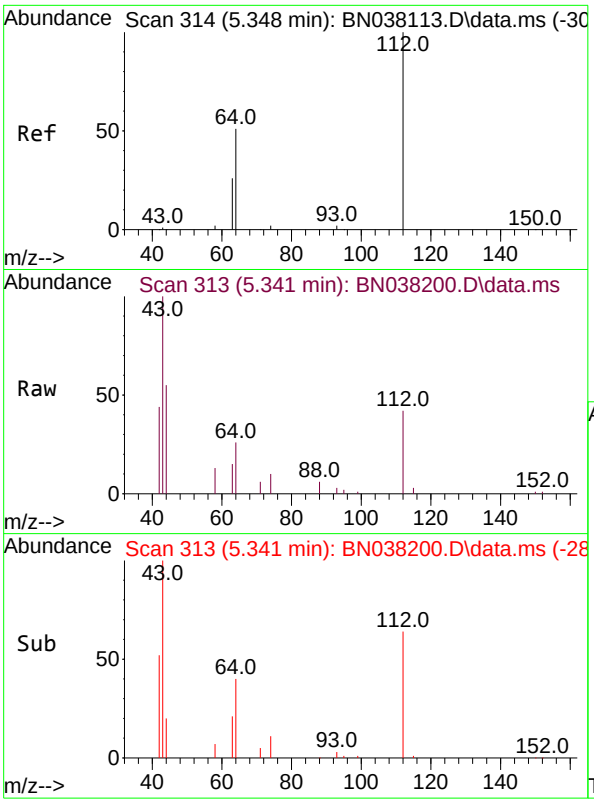


#2
1,4-Dioxane
Concen: 11.277 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 88 Resp: 125586

Ion	Ratio	Lower	Upper
88	100		
43	35.2	24.3	36.5
58	74.6	60.4	90.6

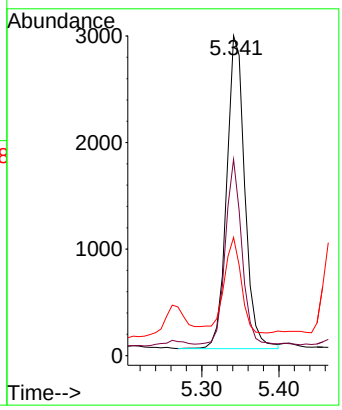




#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.341 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:112 Resp: 478

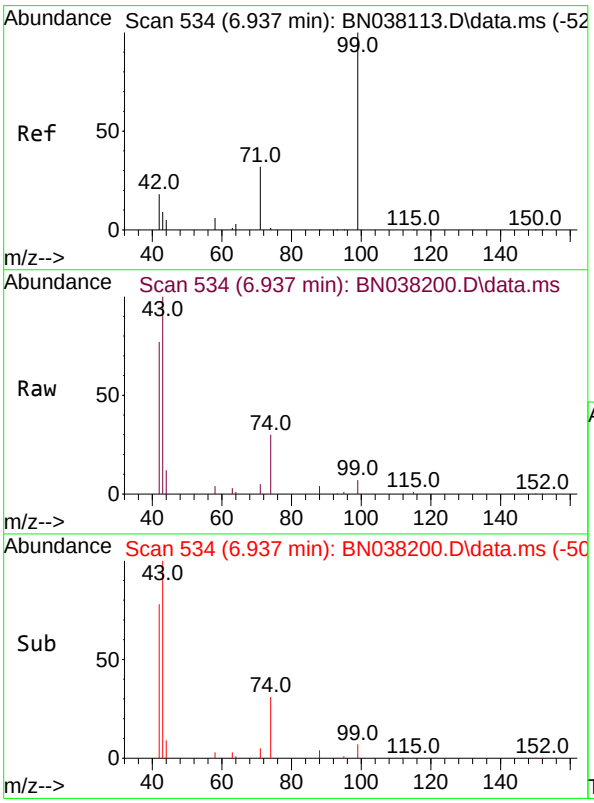
Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.4	68.0
63	29.0	23.2	34.8



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations
APPROVED

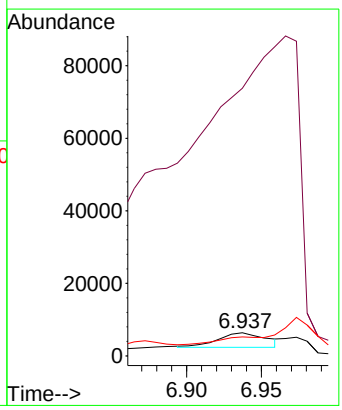
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

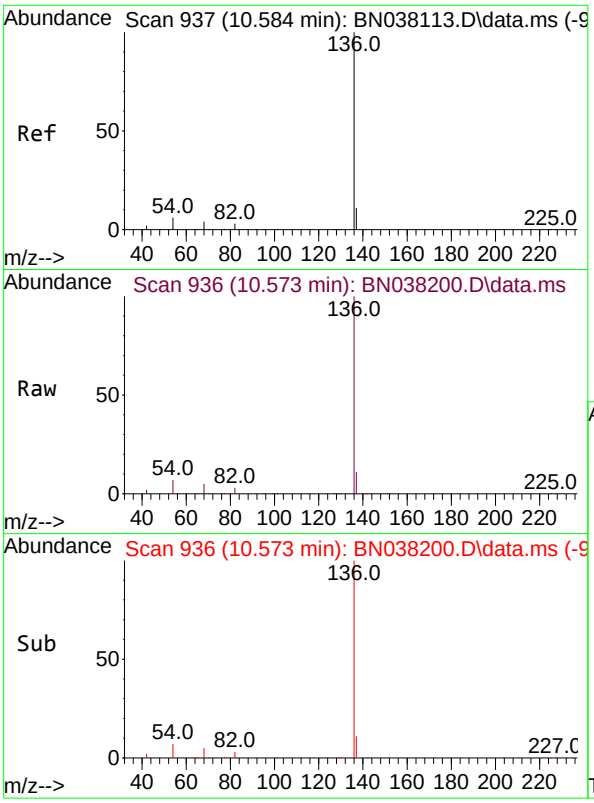


#5
Phenol-d6
Concen: 0.289 ng m
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 99 Resp: 8931

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

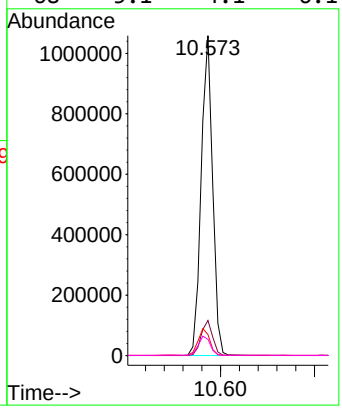




#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:136 Resp: 178528

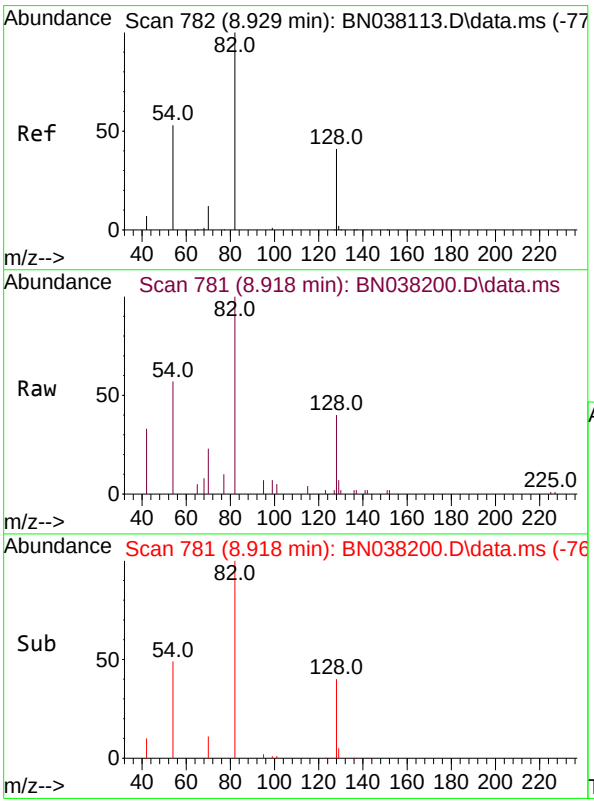
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	5.2	7.8
68	5.1	4.1	6.1



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

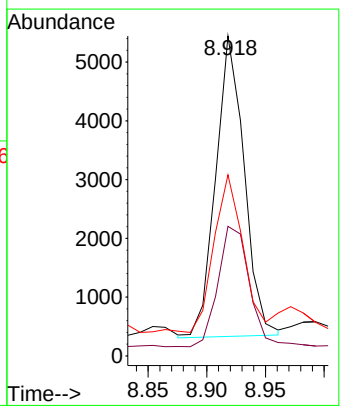
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

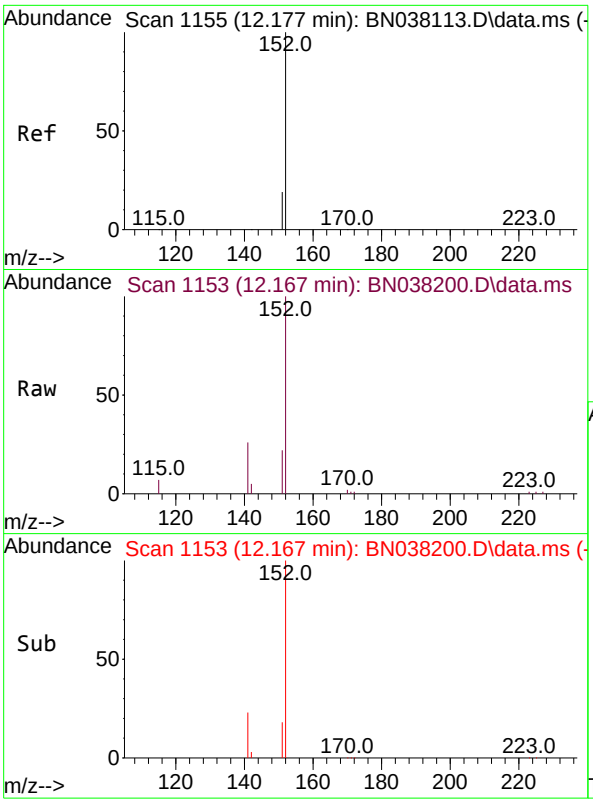


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 82 Resp: 8631

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.1	51.1
54	56.6	43.5	65.3

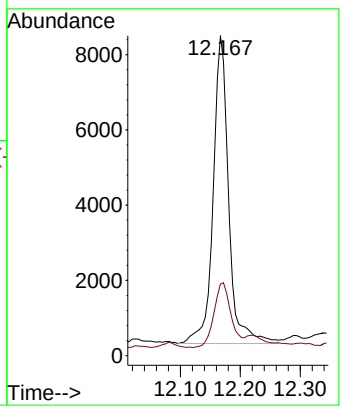




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.167 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:152 Resp: 1476

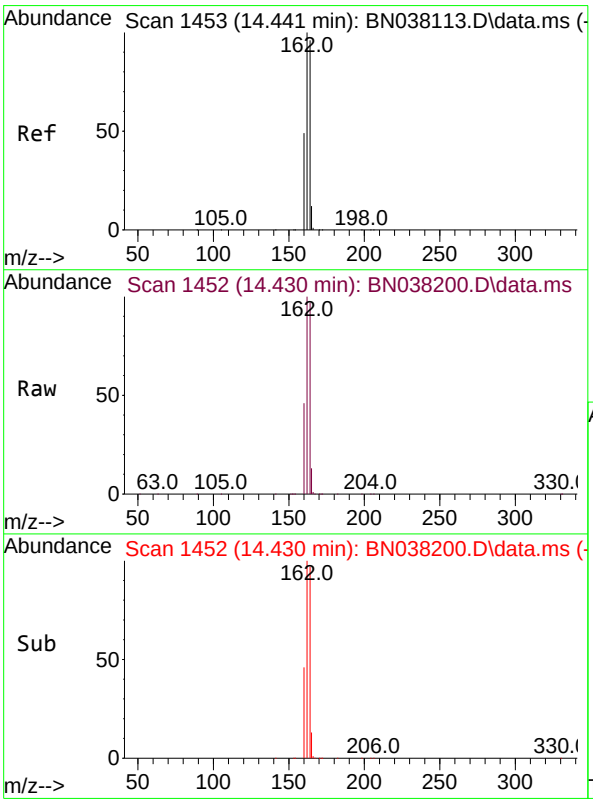
Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations
APPROVED

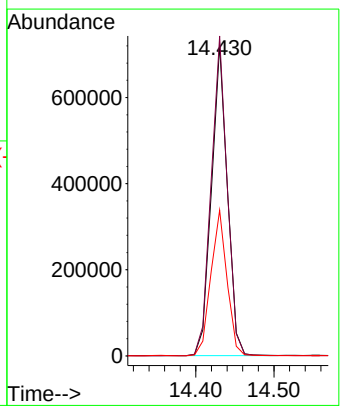
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

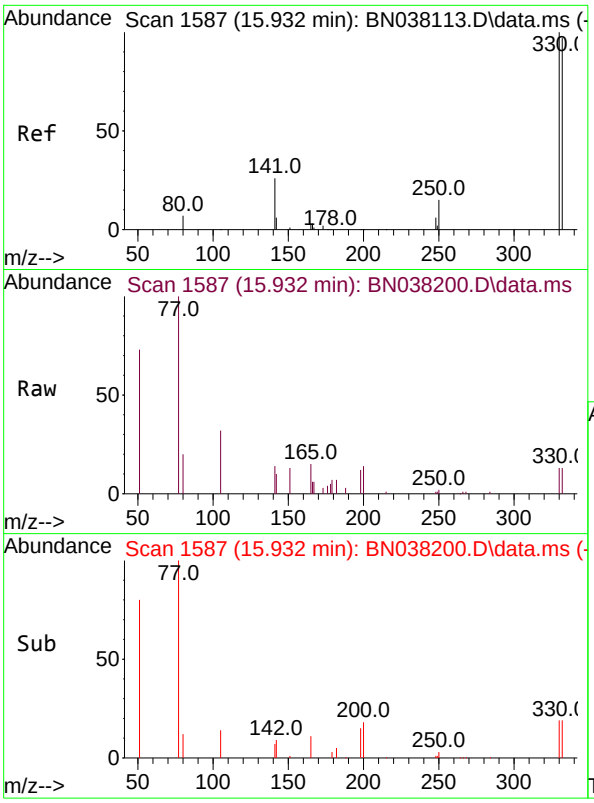


#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:164 Resp: 1021405

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	46.8	40.7	61.1

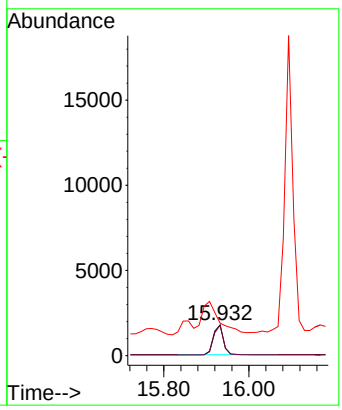




#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

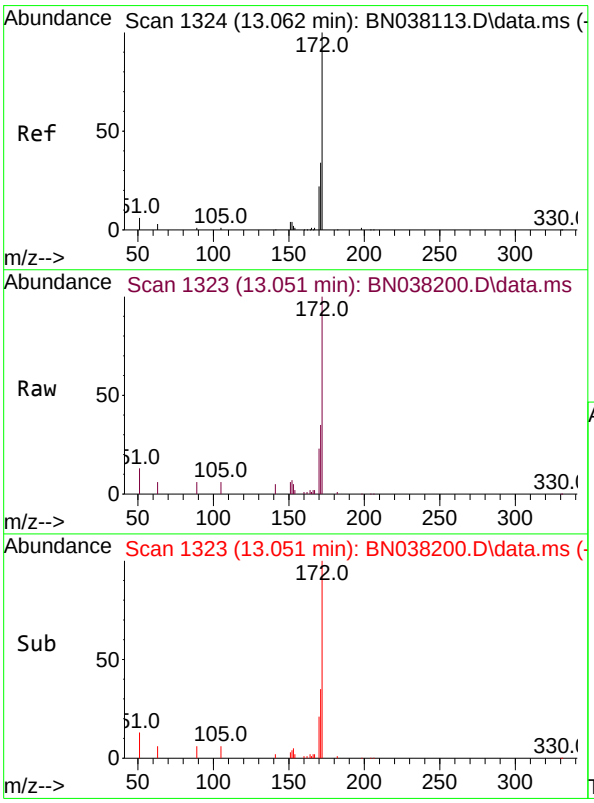
Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	0.0	34.1	51.1



Instrument :
BNA_N
ClientSampleId :
SEEP-1

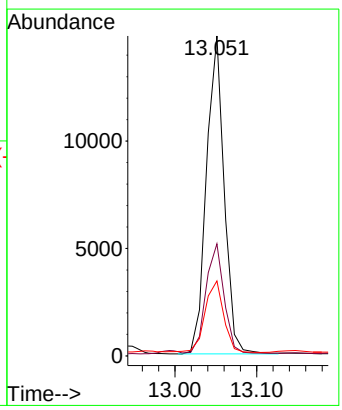
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

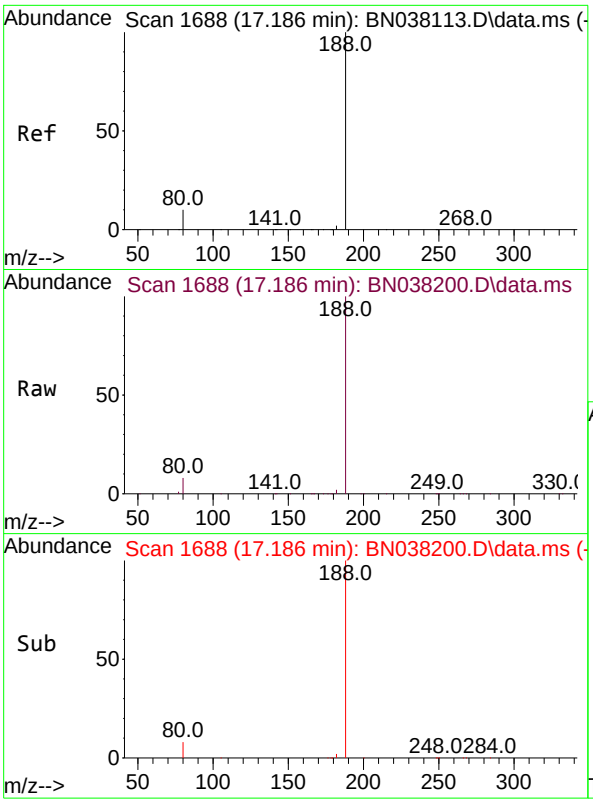


#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:172 Resp: 21384

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.4	18.1	27.1

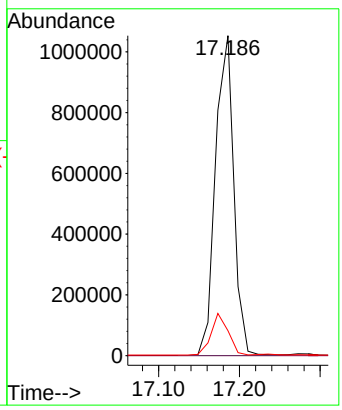




#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:188 Resp: 165443

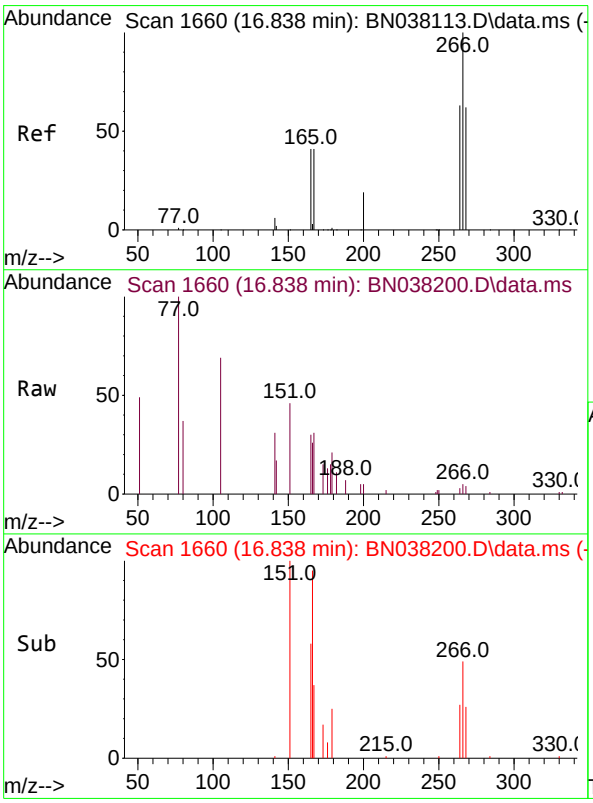
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	8.6	13.0#



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations
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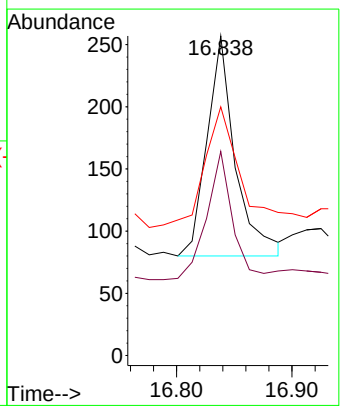
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

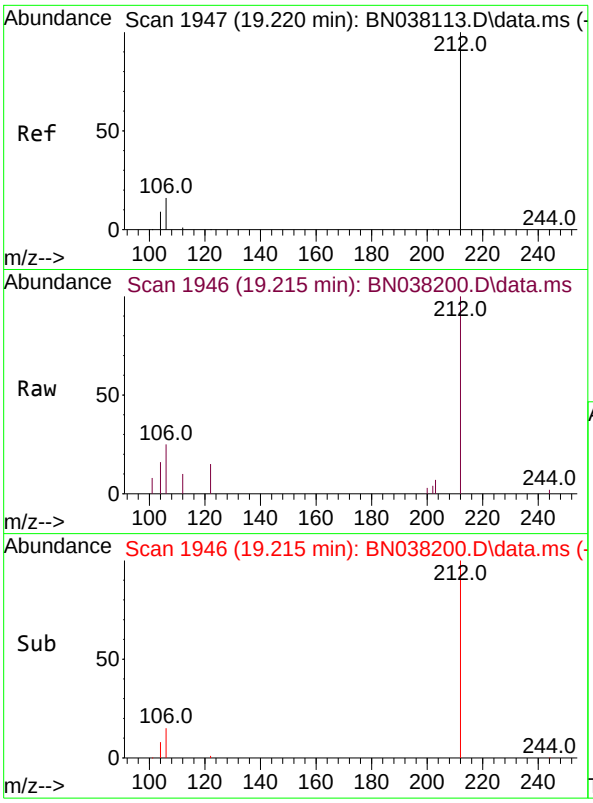


#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:266 Resp: 301

Ion	Ratio	Lower	Upper
266	100		
264	53.5	49.3	73.9
268	72.4	50.6	75.8

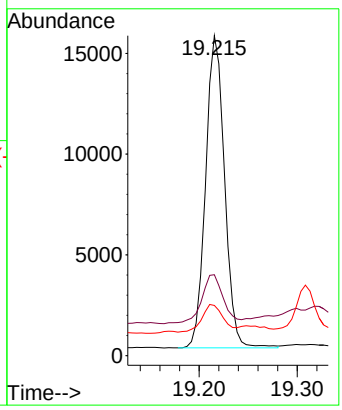




#27
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.215 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:212 Resp: 2080

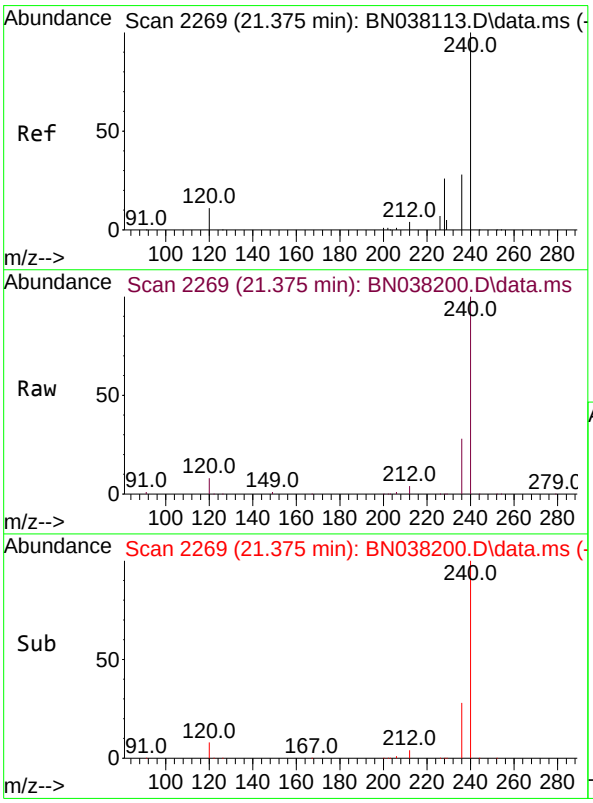
Ion	Ratio	Lower	Upper
212	100		
106	18.0	12.6	19.0
104	9.9	7.1	10.7



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations
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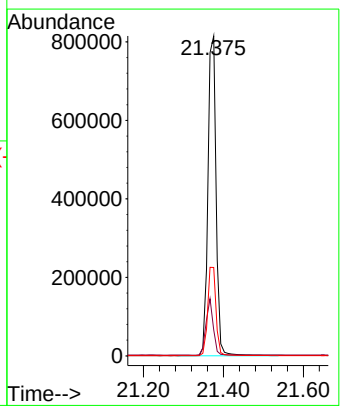
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

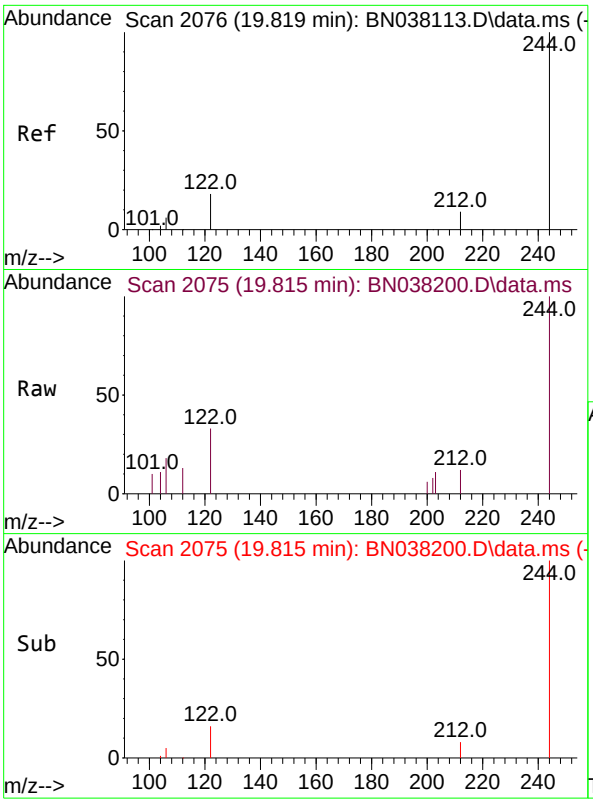


#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:240 Resp: 1150690

Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.7	16.1#
236	27.6	23.1	34.7

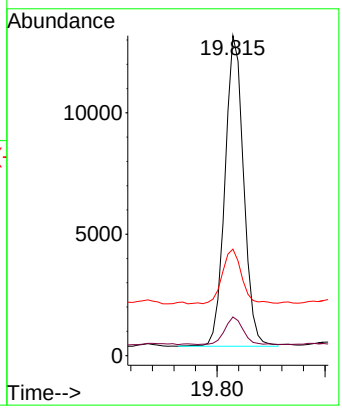




#31
Terphenyl-d14
Concen: 0.307 ng
RT: 19.815 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:244 Resp: 1537

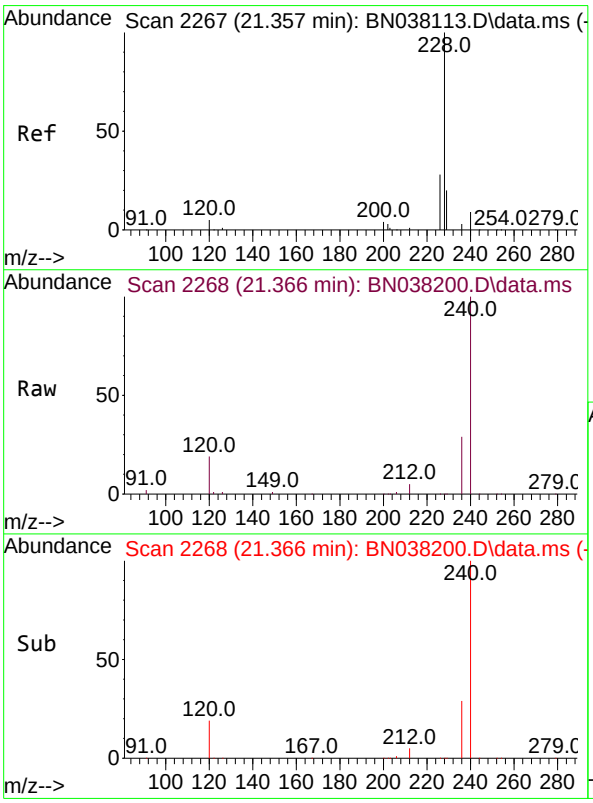
Ion	Ratio	Lower	Upper
244	100		
212	12.1	7.8	11.6#
122	33.3	15.2	22.8#



Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

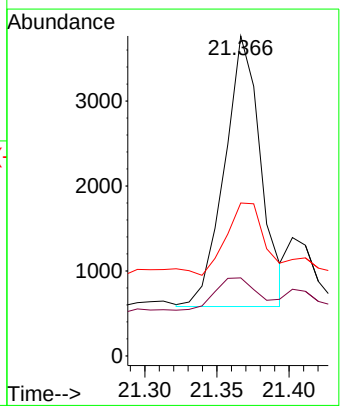
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

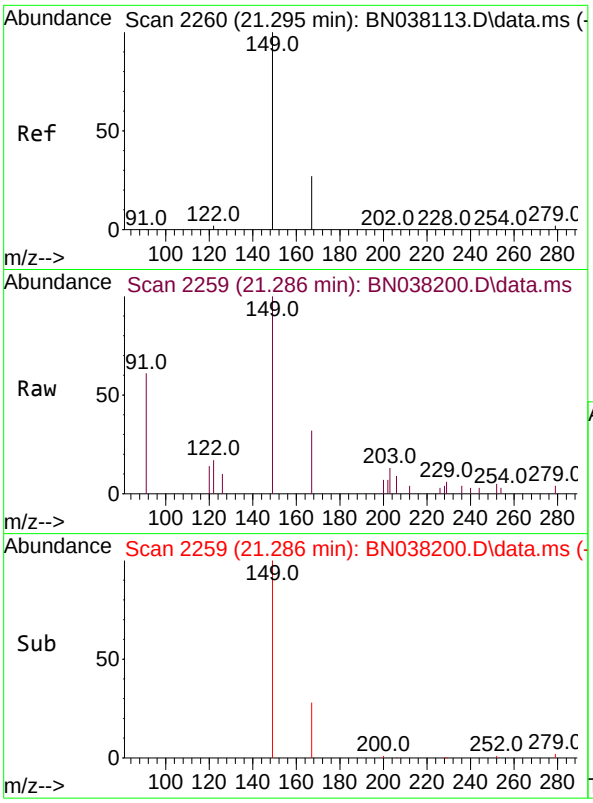


#32
Benzo(a)anthracene
Concen: 0.068 ng m
RT: 21.366 min Scan# 2268
Delta R.T. 0.009 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:228 Resp: 5577

Ion	Ratio	Lower	Upper
228	100		
226	24.4	22.2	33.4
229	47.8	15.8	23.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.286 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

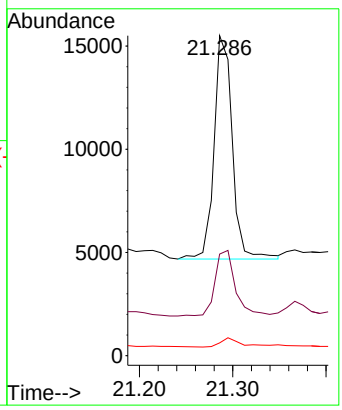
Tgt Ion:149 Resp: 1473

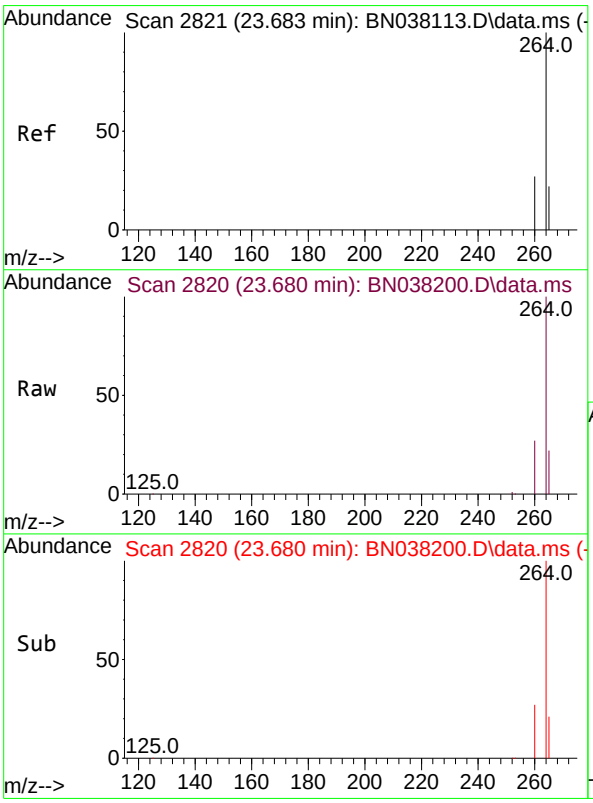
Ion	Ratio	Lower	Upper
149	100		
167	32.7	21.1	31.7#
279	5.3	2.9	4.3#

Instrument :
BNA_N
ClientSampleId :
SEEP-1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

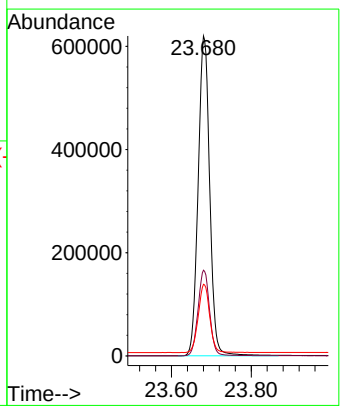




#35
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:264 Resp: 1246822

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	22.4	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038201.D
Acq On : 13 Nov 2025 15:52
Operator : RC/JU
Sample : Q3584-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 10

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Quant Time: Nov 13 16:21:45 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

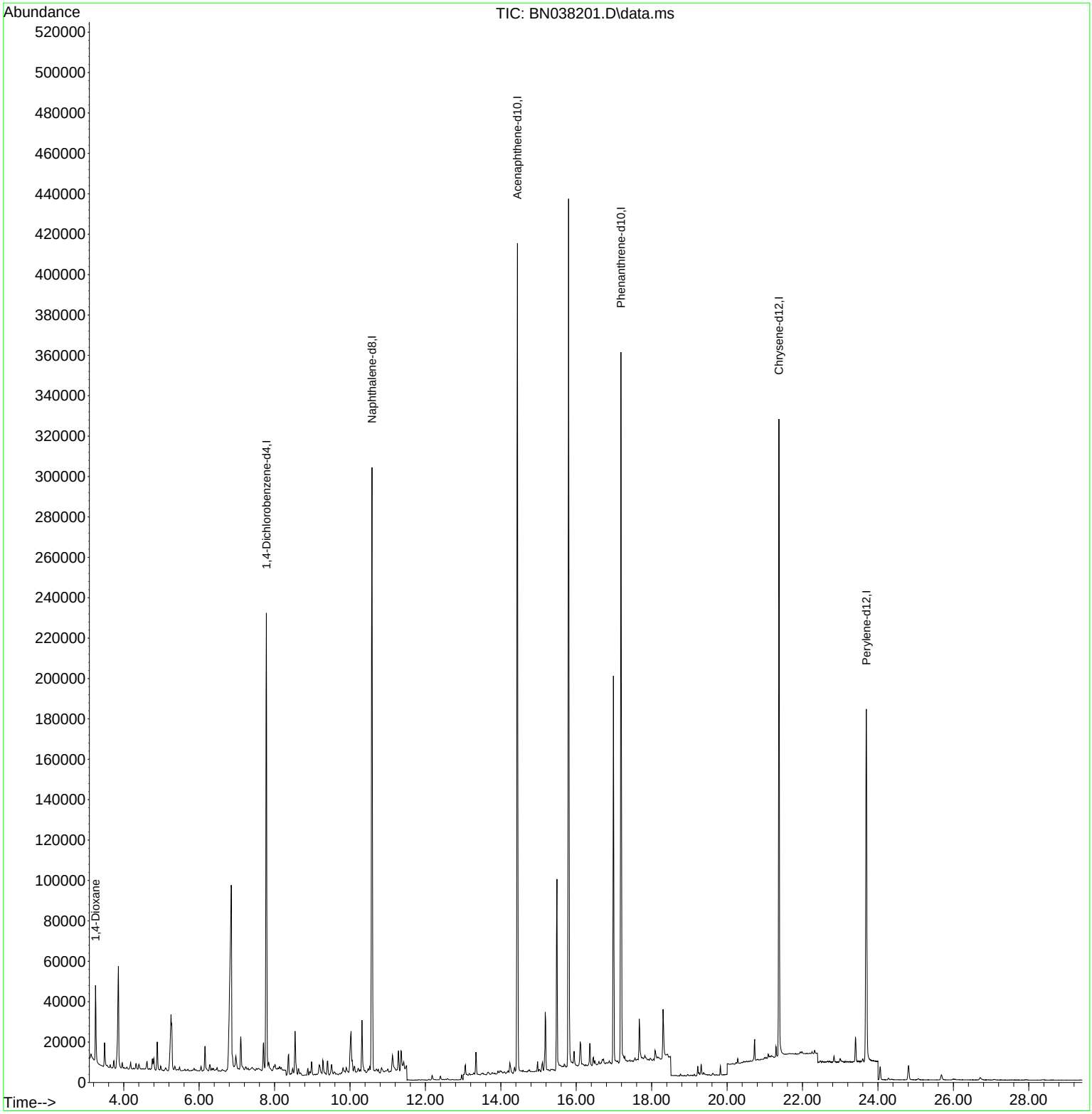
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	110160	4.000	ng	0.00
7) Naphthalene-d8	10.583	136	385141	4.000	ng	0.01
13) Acenaphthene-d10	14.441	164	236632	4.000	ng	0.01
19) Phenanthrene-d10	17.186	188	445927	4.000	ng	0.00
29) Chrysene-d12	21.375	240	278772	4.000	ng	0.00
35) Perylene-d12	23.692	264	242288	4.000	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	868	0.033	ng	0.00
5) Phenol-d6	6.944	99	746	0.024	ng	0.00
8) Nitrobenzene-d5	8.929	82	1640	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	3026	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	629	0.065	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4796	0.051	ng	0.01
27) Fluoranthene-d10	19.225	212	5282	0.047	ng	0.00
31) Terphenyl-d14	19.824	244	4083	0.067	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	23953	2.104	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.295	149	5129	0.098	ng	# 95

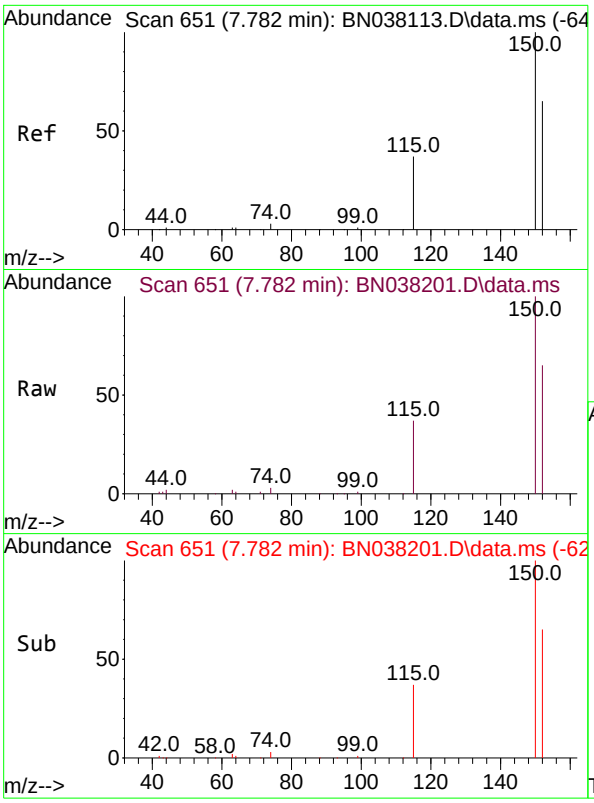
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038201.D
Acq On : 13 Nov 2025 15:52
Operator : RC/JU
Sample : Q3584-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 10

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Quant Time: Nov 13 16:21:45 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



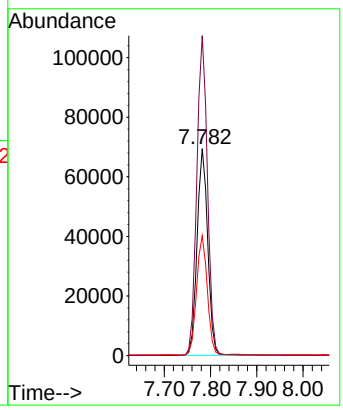


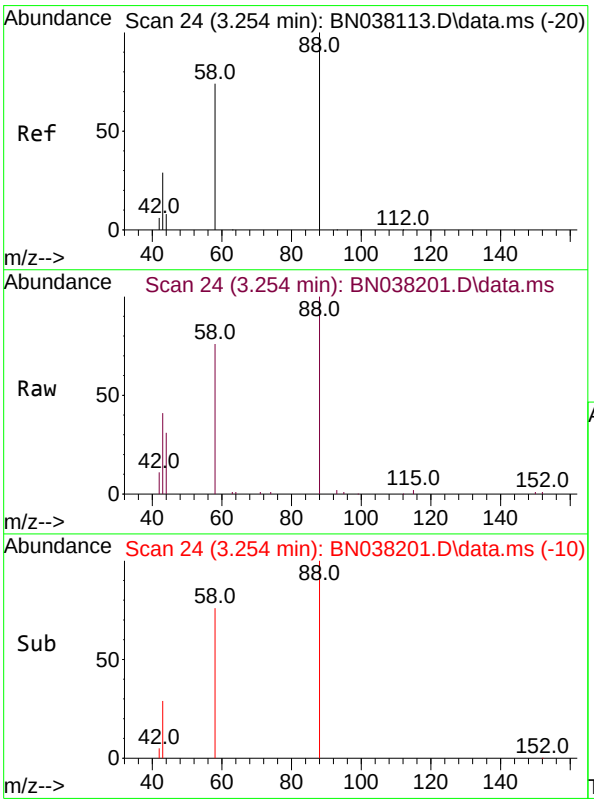
#1
1,4-Dichlorobenzene-d4
Concen: 4.000 ng
RT: 7.782 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:152 Resp: 110160

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.3	183.5
115	58.0	47.4	71.0

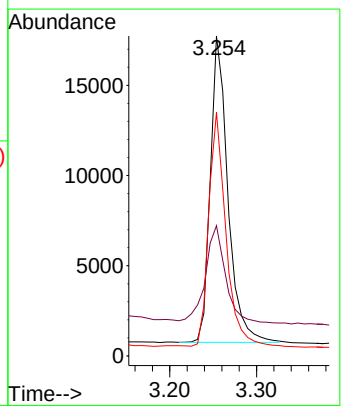


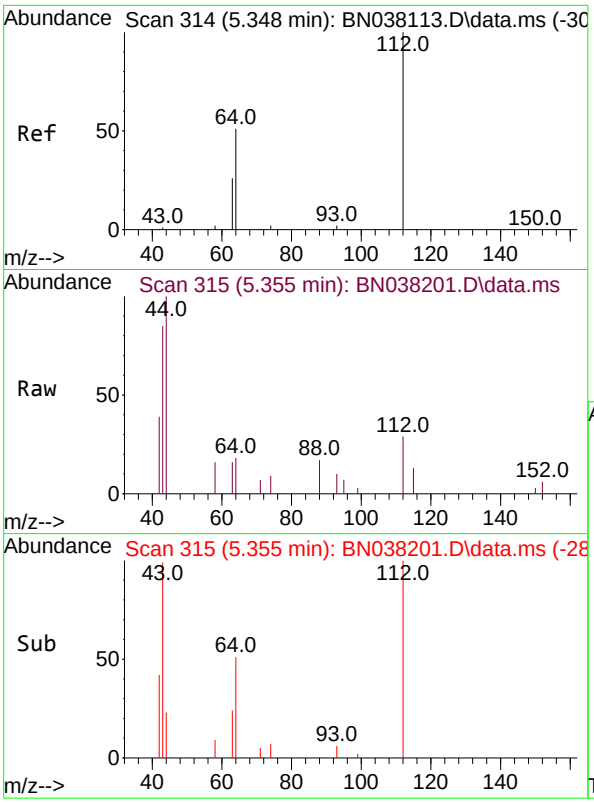


#2
1,4-Dioxane
Concen: 2.104 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 88 Resp: 23953

Ion	Ratio	Lower	Upper
88	100		
43	36.5	24.3	36.5#
58	74.3	60.4	90.6



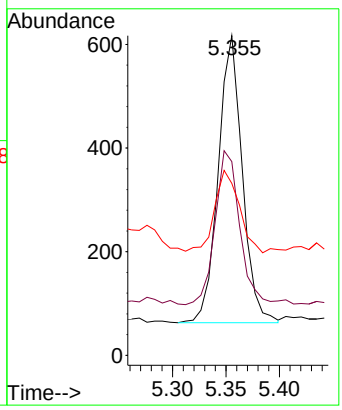


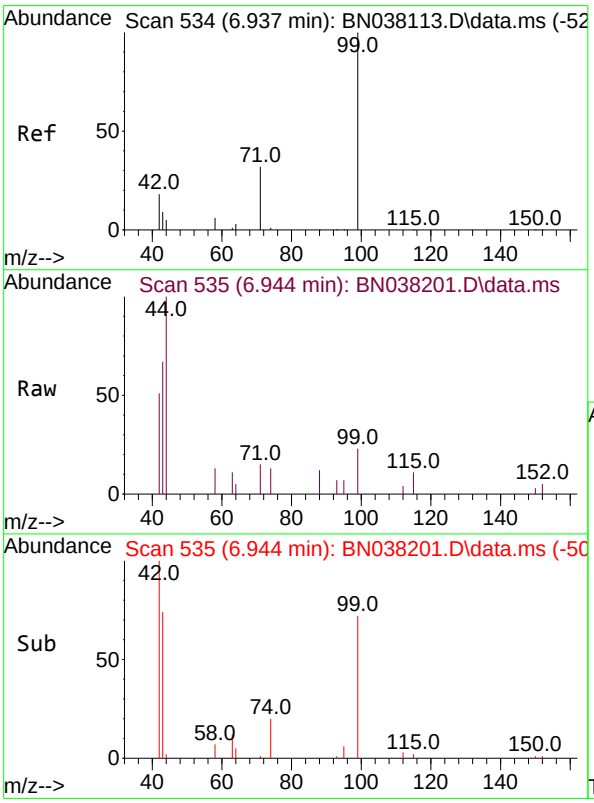
#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.355 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:112 Resp: 868

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.0
63	28.8	23.2	34.8

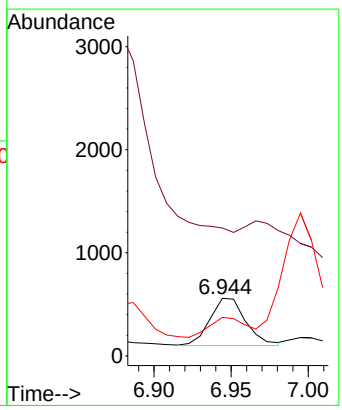




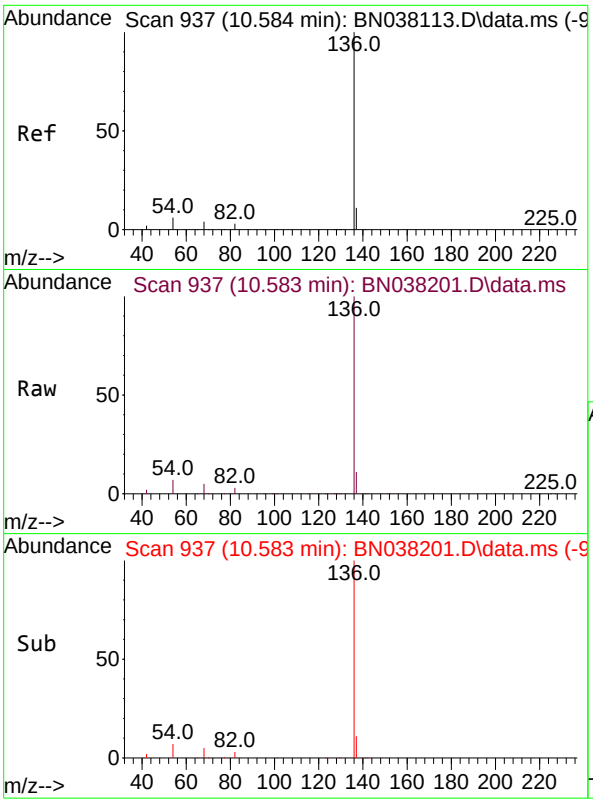
#5
Phenol-d6
Concen: 0.024 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 99 Resp: 746

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.6	24.8#
71	45.4	25.4	38.2#



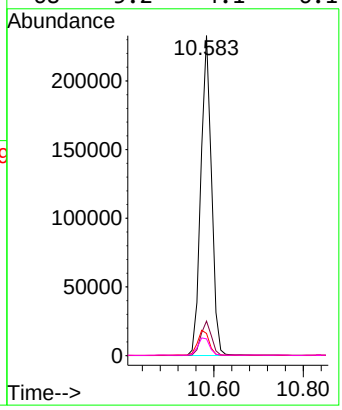
Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

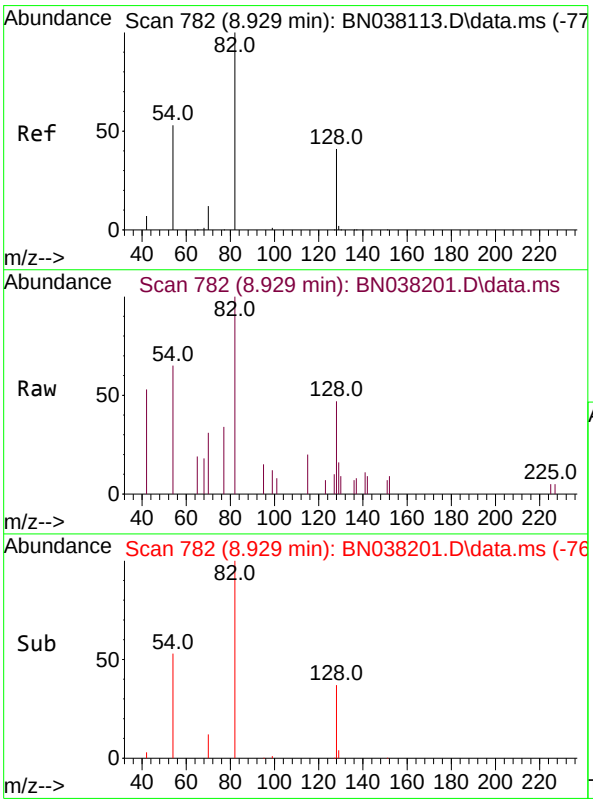


#7
Naphthalene-d8
Concen: 4.000 ng
RT: 10.583 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:136 Resp: 385141

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.2	7.8
68	5.2	4.1	6.1

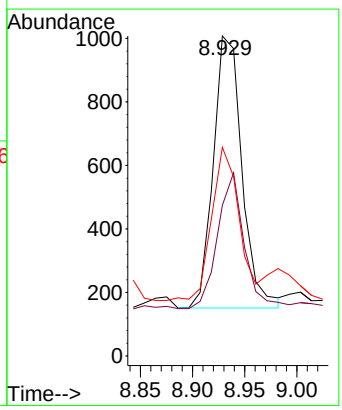


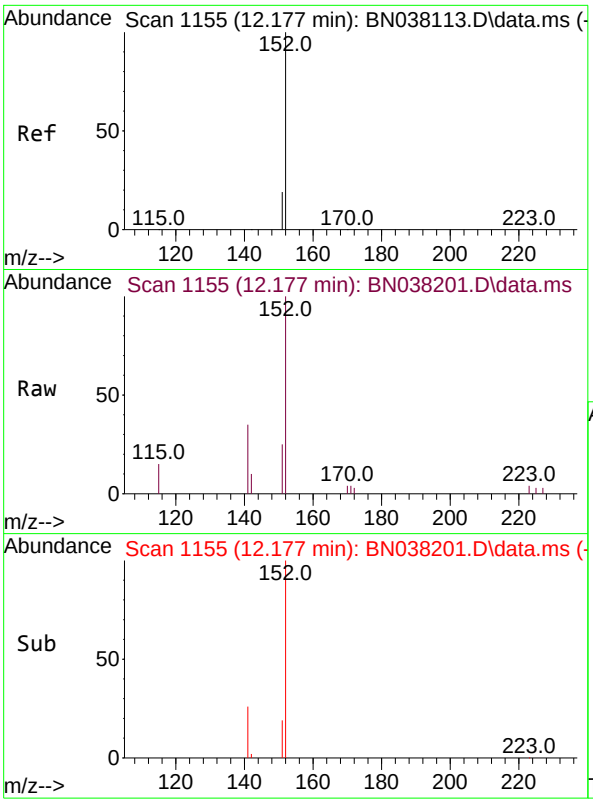


#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion: 82 Resp: 1640

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.1	51.1
54	65.2	43.5	65.3



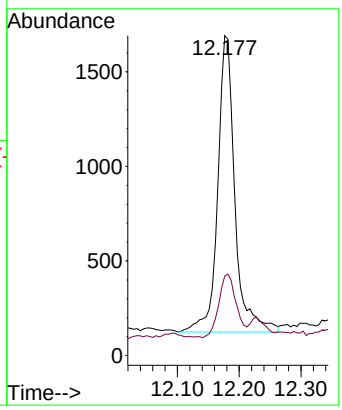


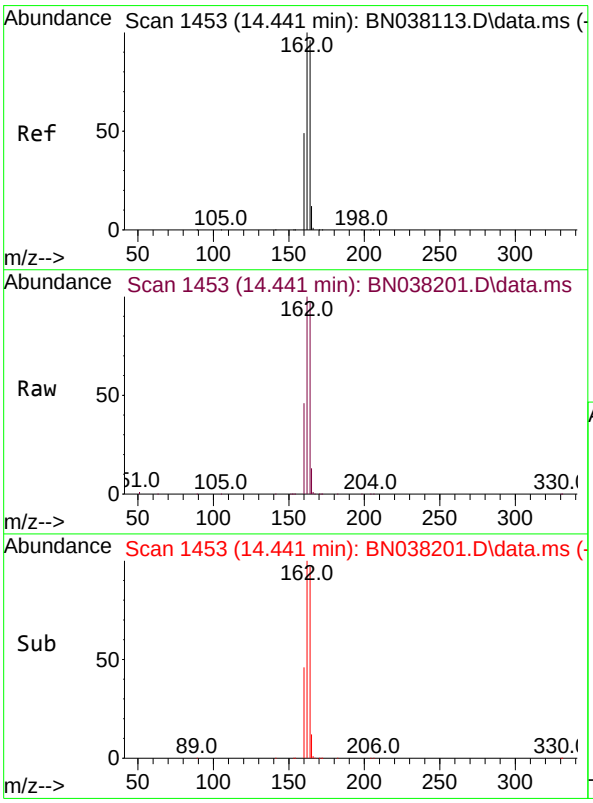
#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.177 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:152 Resp: 3026

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2

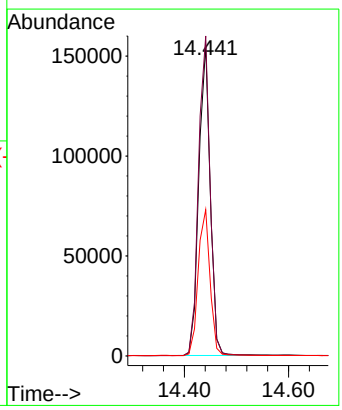


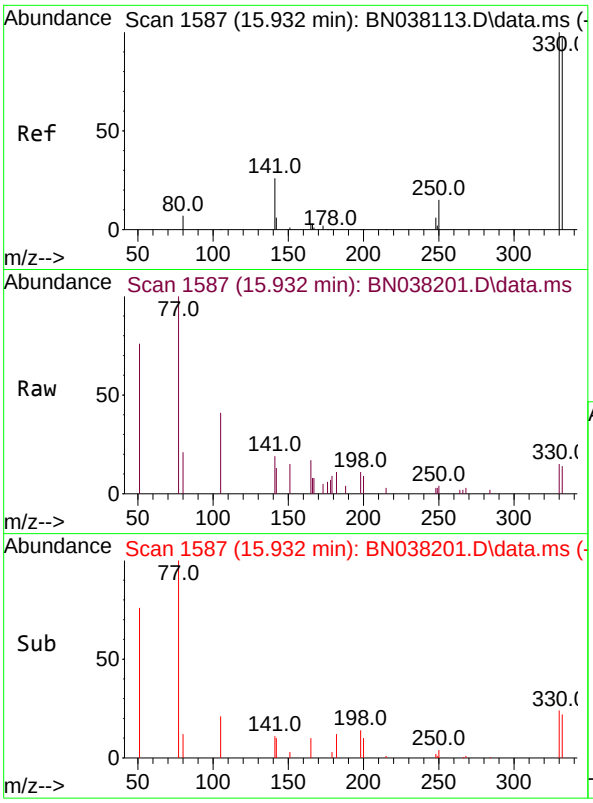


#13
Acenaphthene-d10
Concen: 4.000 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:164 Resp: 236632

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	47.1	40.7	61.1



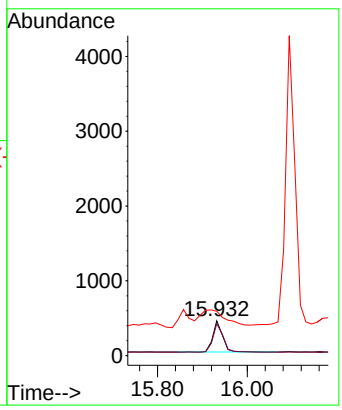


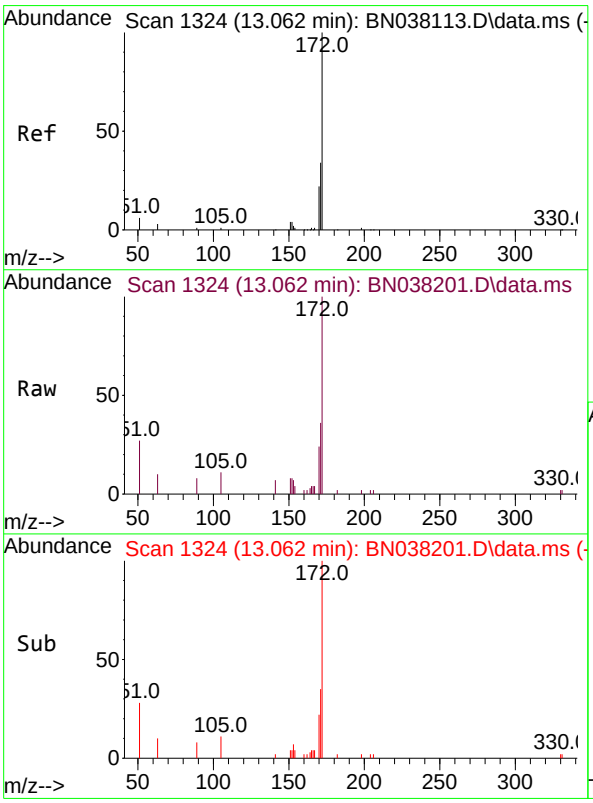
#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:330 Resp: 629

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	130.0	34.1	51.1#

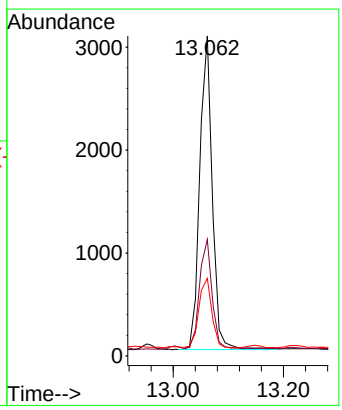


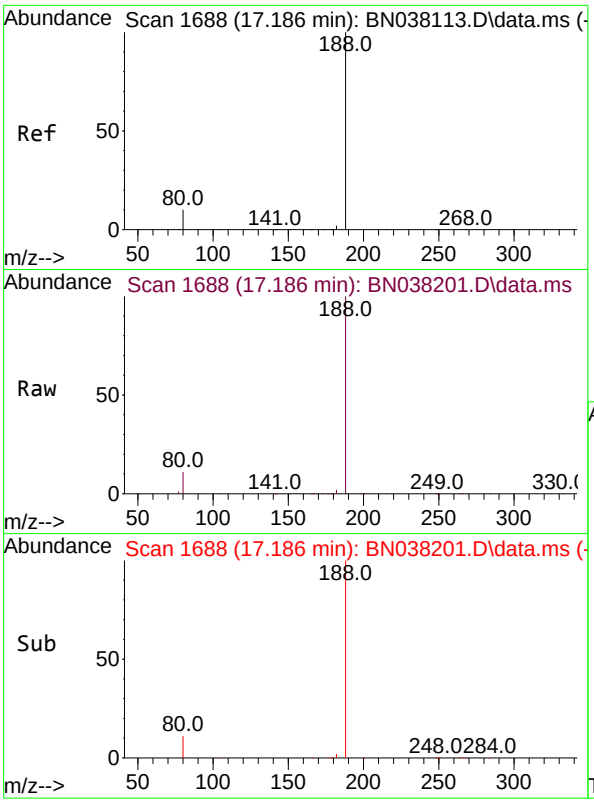


#15
2-Fluorobiphenyl
Concen: 0.051 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:172 Resp: 4796

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.8	41.6
170	24.2	18.1	27.1



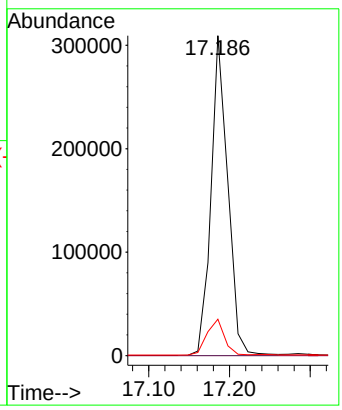


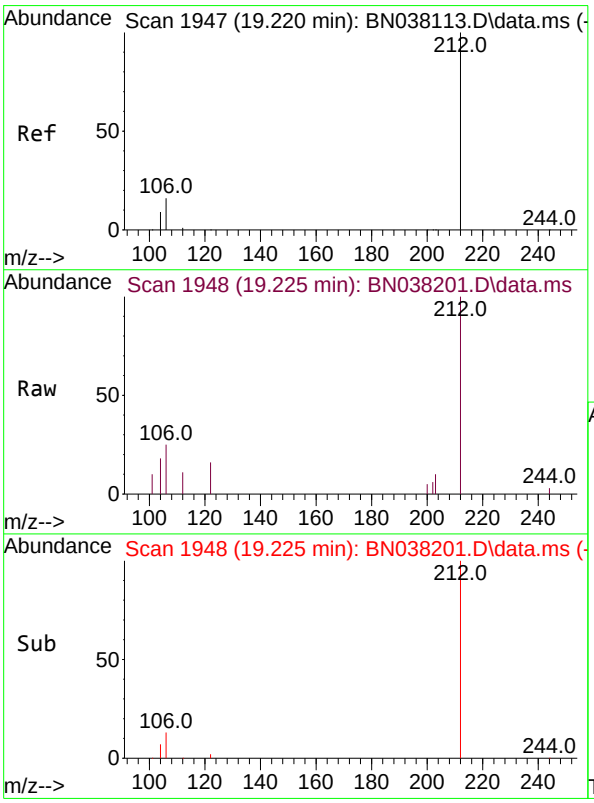
#19
Phenanthrene-d10
Concen: 4.000 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:188 Resp: 445927

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.6	13.0

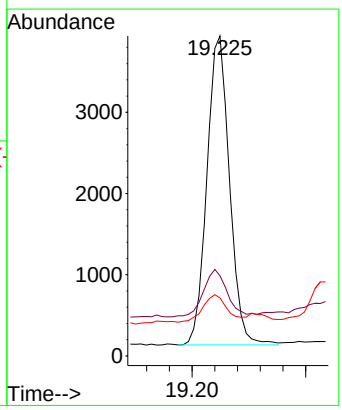


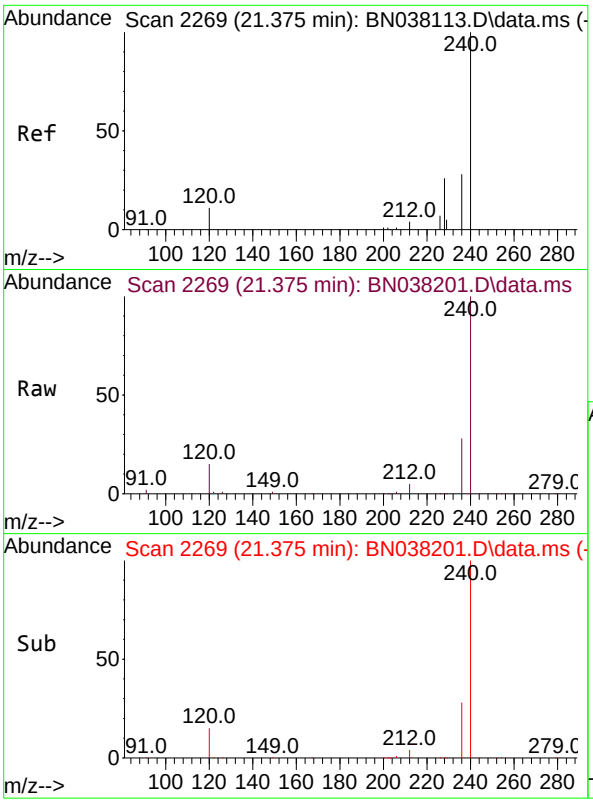


#27
Fluoranthene-d10
Concen: 0.047 ng
RT: 19.225 min Scan# 1948
Delta R.T. 0.005 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:212 Resp: 5282

Ion	Ratio	Lower	Upper
212	100		
106	16.4	12.6	19.0
104	9.4	7.1	10.7



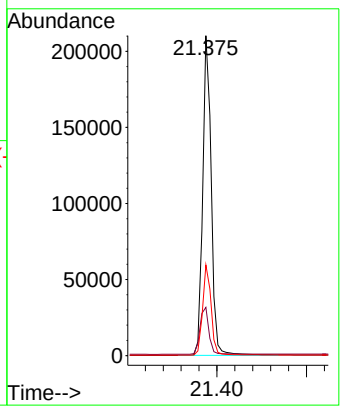


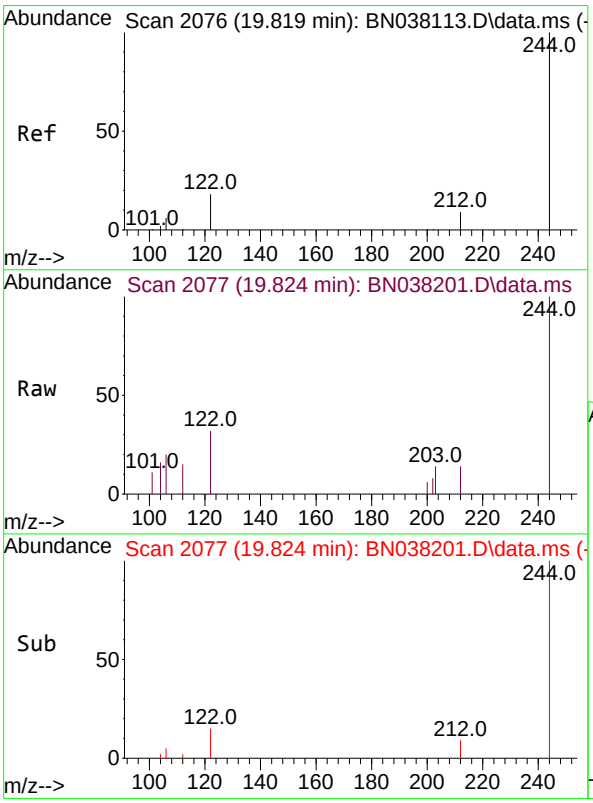
#29
Chrysene-d12
Concen: 4.000 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:240 Resp: 278772

Ion	Ratio	Lower	Upper
240	100		
120	15.1	10.7	16.1
236	28.3	23.1	34.7

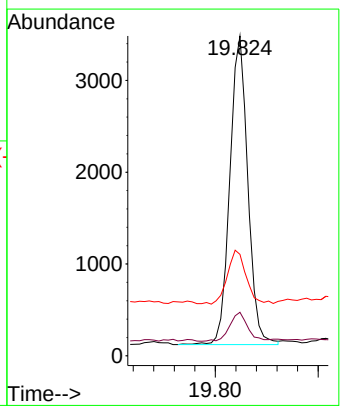


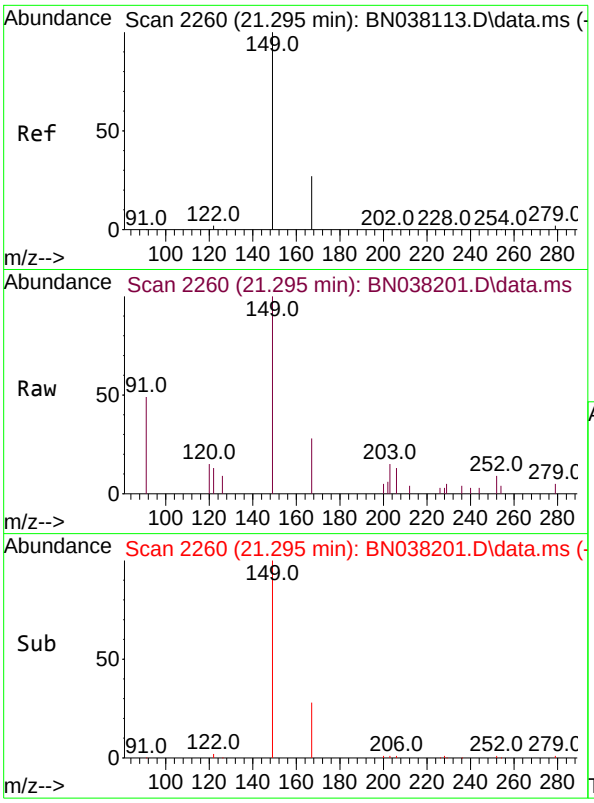


#31
Terphenyl-d14
Concen: 0.067 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:244 Resp: 4083

Ion	Ratio	Lower	Upper
244	100		
212	13.6	7.8	11.6#
122	31.7	15.2	22.8#



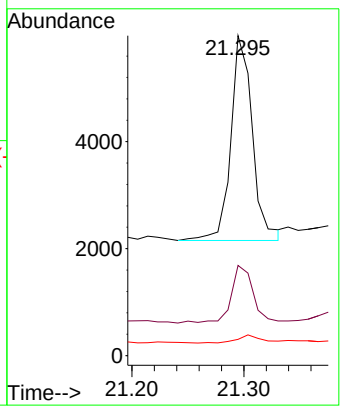


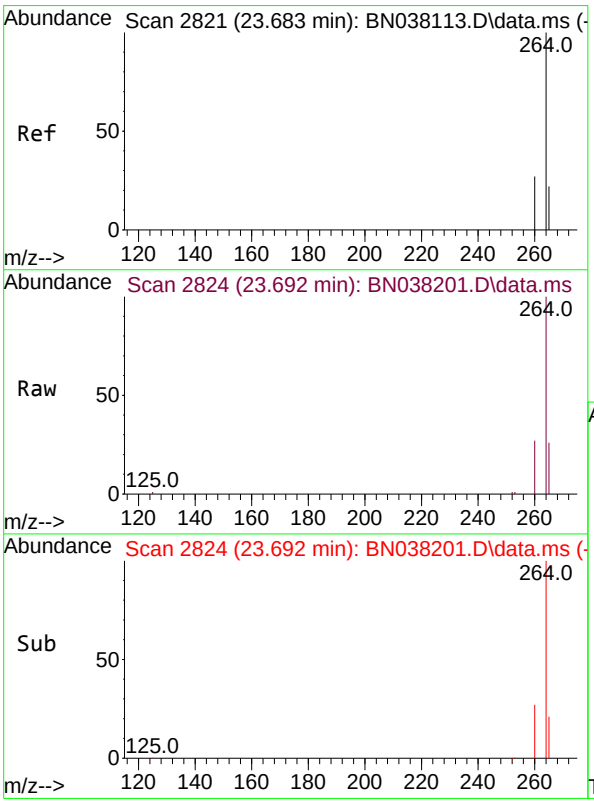
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Instrument :
BNA_N
ClientSampleId :
SEEP-1DL

Tgt Ion:149 Resp: 5129

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.1	31.7
279	4.4	2.9	4.3#

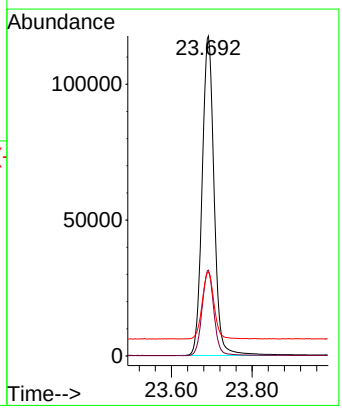




#35
Perylene-d12
Concen: 4.000 ng
RT: 23.692 min Scan# 2824
Delta R.T. 0.012 min
Lab File: BN038201.D
Acq: 13 Nov 2025 15:52

Tgt Ion:264 Resp: 242288

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.8	32.8
265	26.2	68.6	102.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Quant Time: Nov 12 10:31:49 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

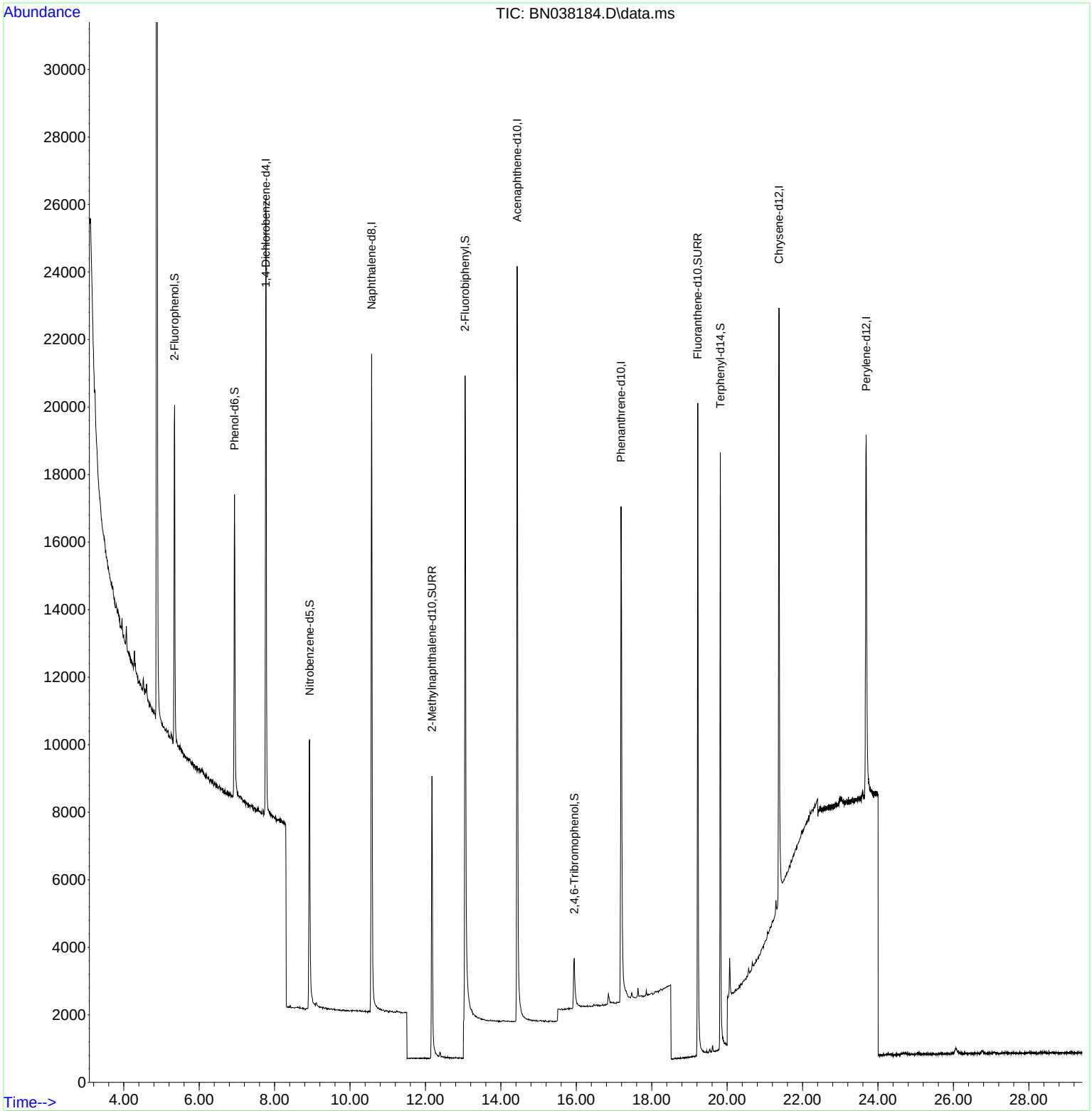
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9479	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15234	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28458	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18990	0.400	ng	0.00
35) Perylene-d12	23.686	264	17381	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8510	0.381	ng	0.00
5) Phenol-d6	6.937	99	9697	0.357	ng	0.00
8) Nitrobenzene-d5	8.929	82	8268	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13840	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1460	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	22378	0.367	ng	0.00
27) Fluoranthene-d10	19.220	212	24538	0.342	ng	0.00
31) Terphenyl-d14	19.819	244	19123	0.464	ng	0.00
Target Compounds						Qvalue

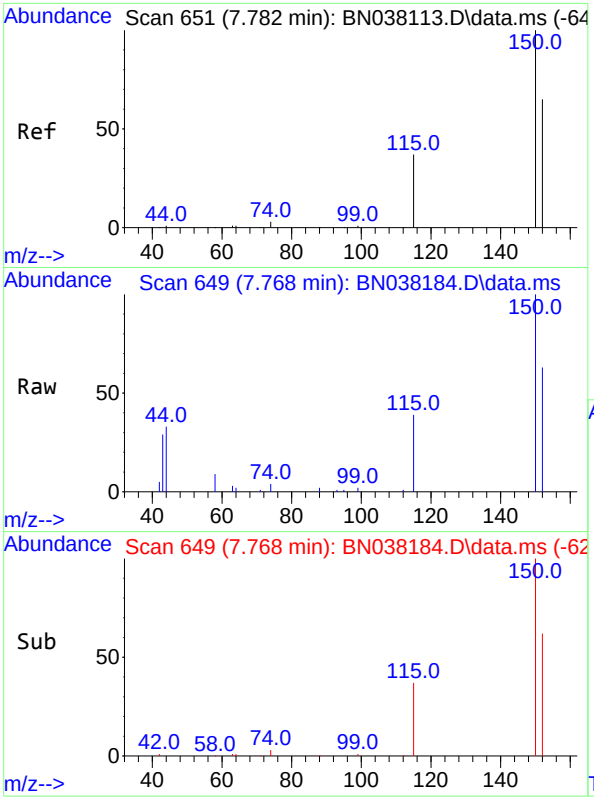
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038184.D
Acq On : 12 Nov 2025 10:07
Operator : RC/JU
Sample : PB170483BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Quant Time: Nov 12 10:31:49 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



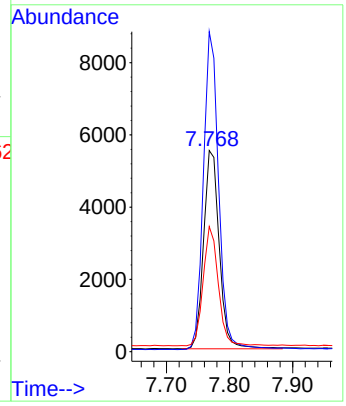


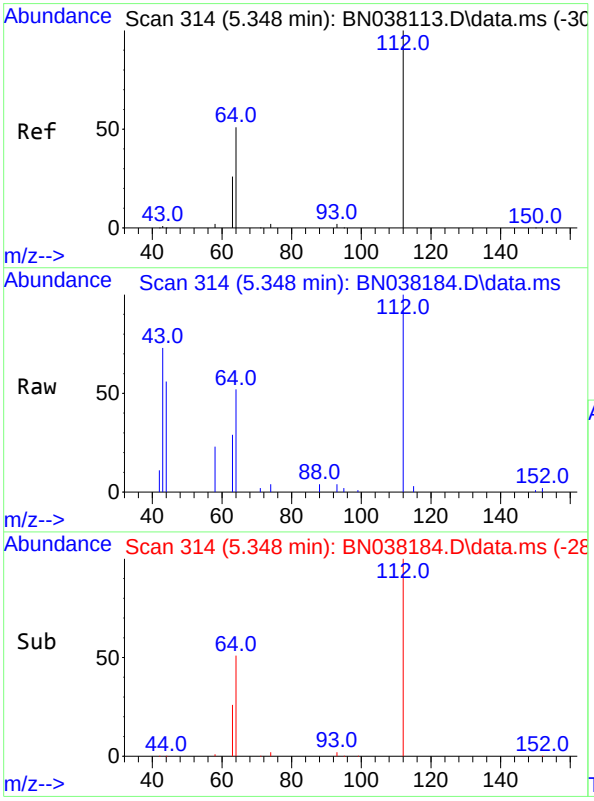
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:152 Resp: 9479

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.3	183.5
115	62.2	47.4	71.0

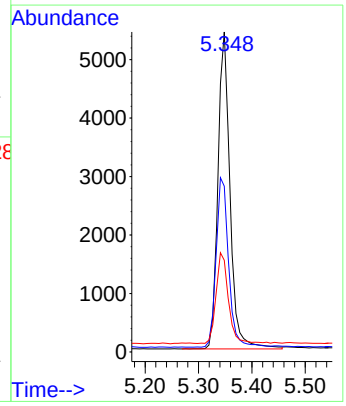


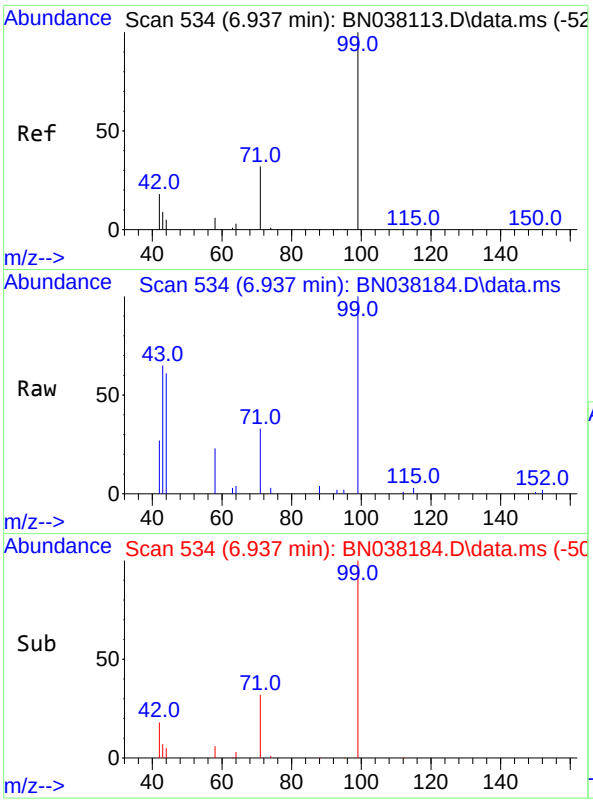


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:112 Resp: 8510

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.4	68.0
63	29.4	23.2	34.8



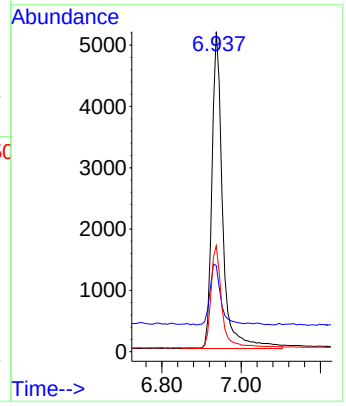


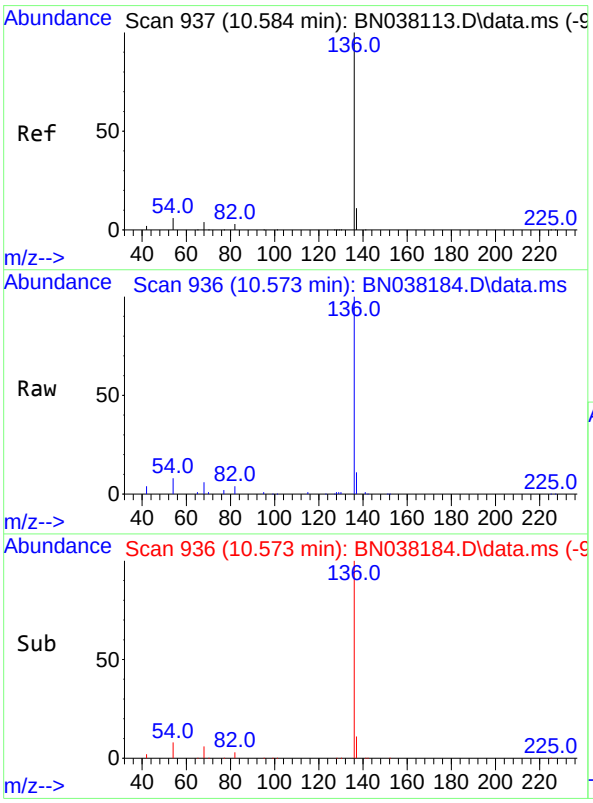
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion: 99 Resp: 9697

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	32.8	25.4	38.2

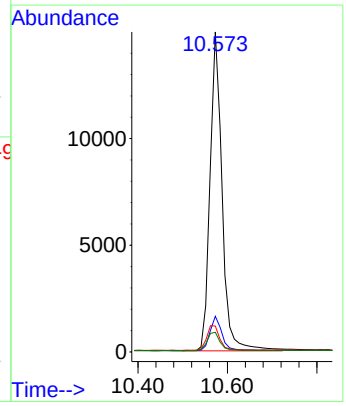


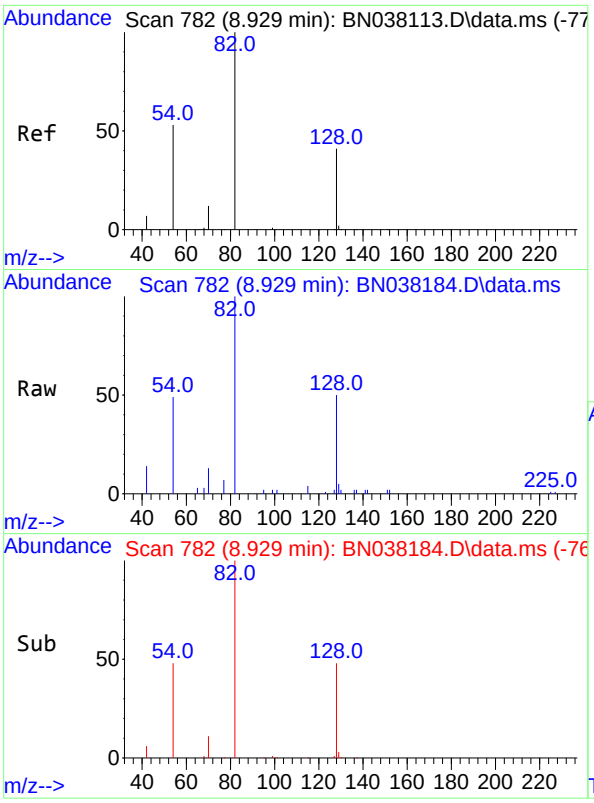


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:136 Resp: 27842

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#



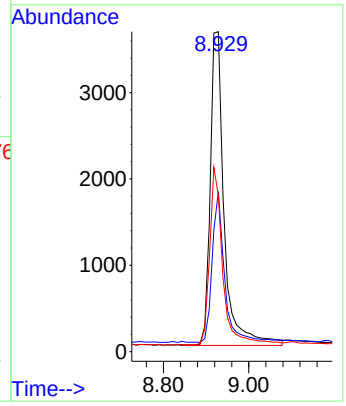


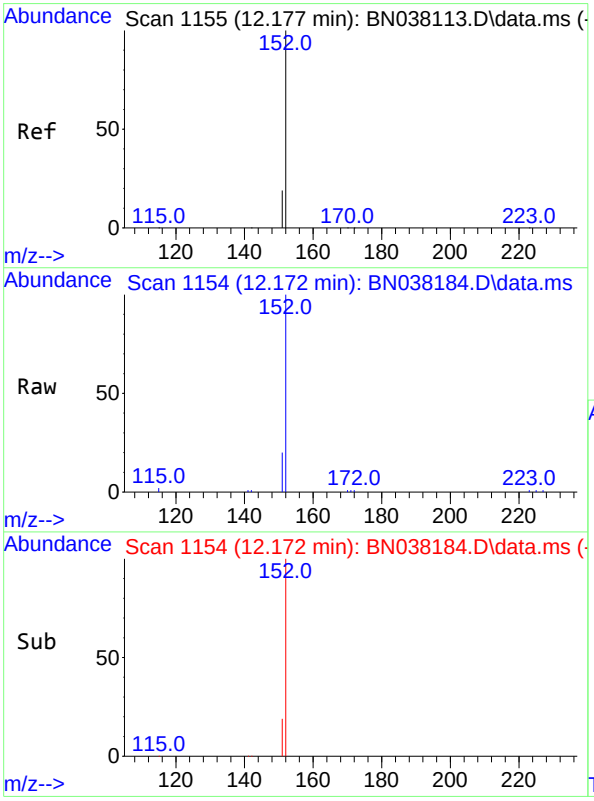
#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion: 82 Resp: 8268

Ion	Ratio	Lower	Upper
82	100		
128	50.0	34.1	51.1
54	48.8	43.5	65.3

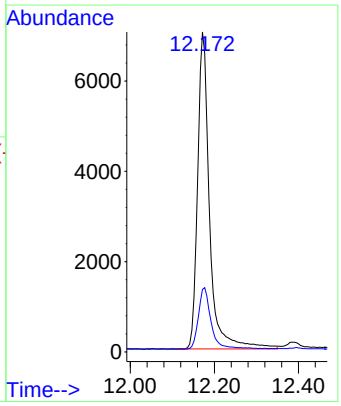


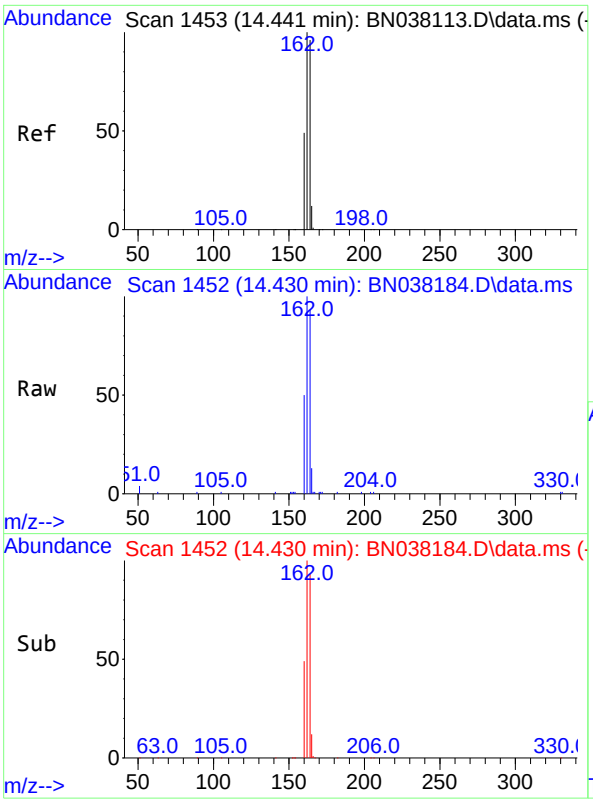


#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:152 Resp: 13840

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2



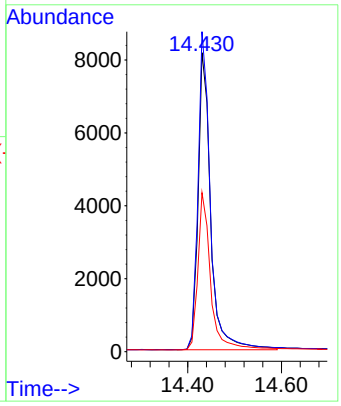


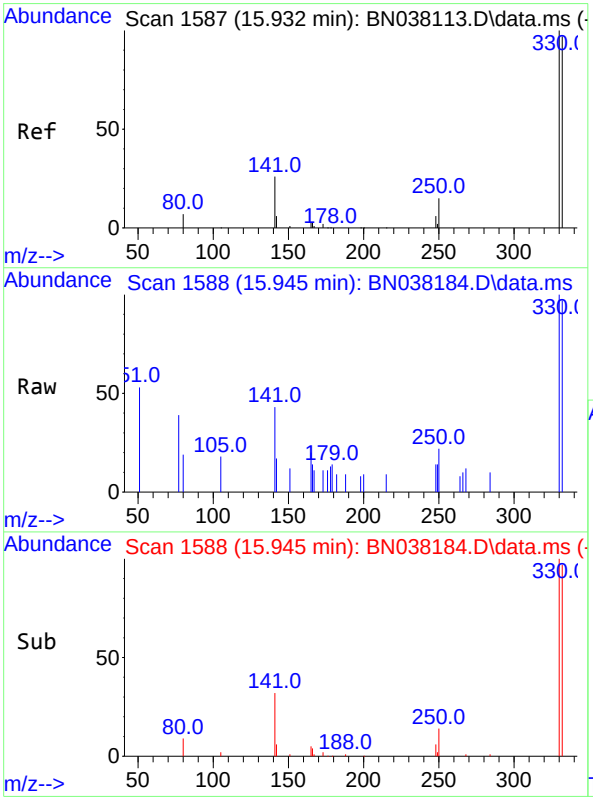
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:164 Resp: 15234

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.4
160	53.2	40.7	61.1

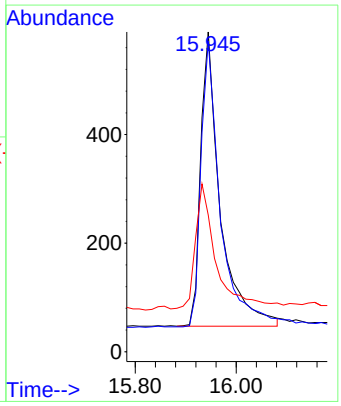


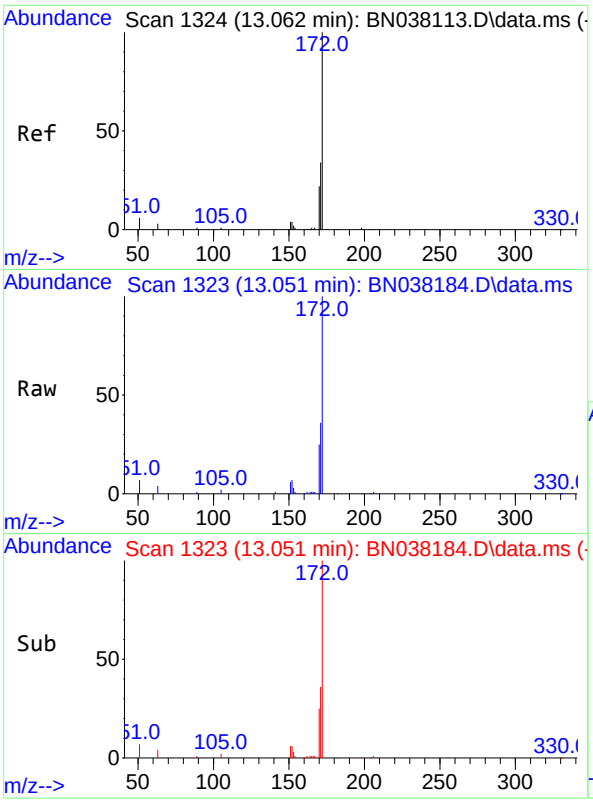


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:330 Resp: 1460

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	44.2	34.1	51.1



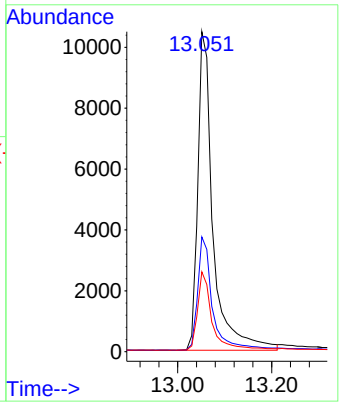


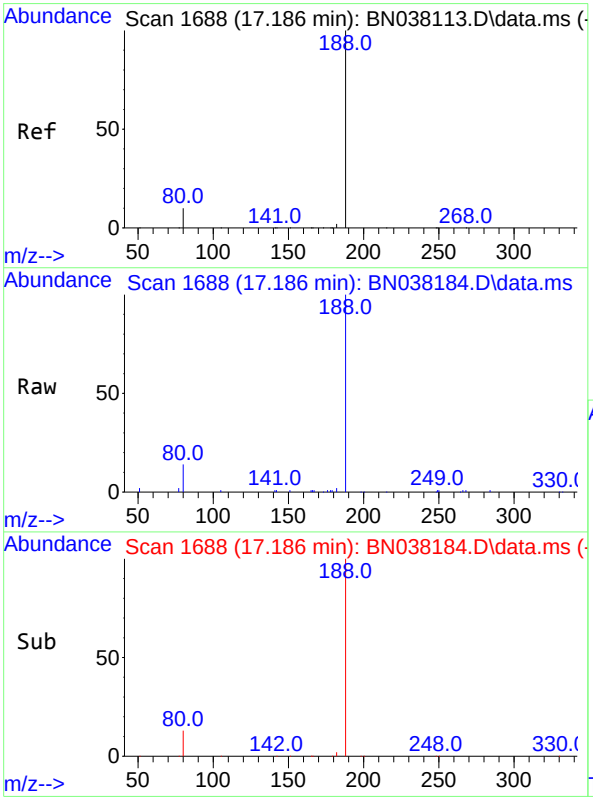
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:172 Resp: 22378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.9	18.1	27.1

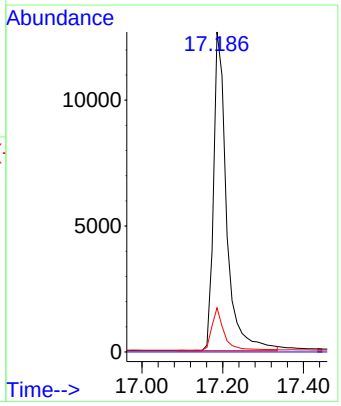


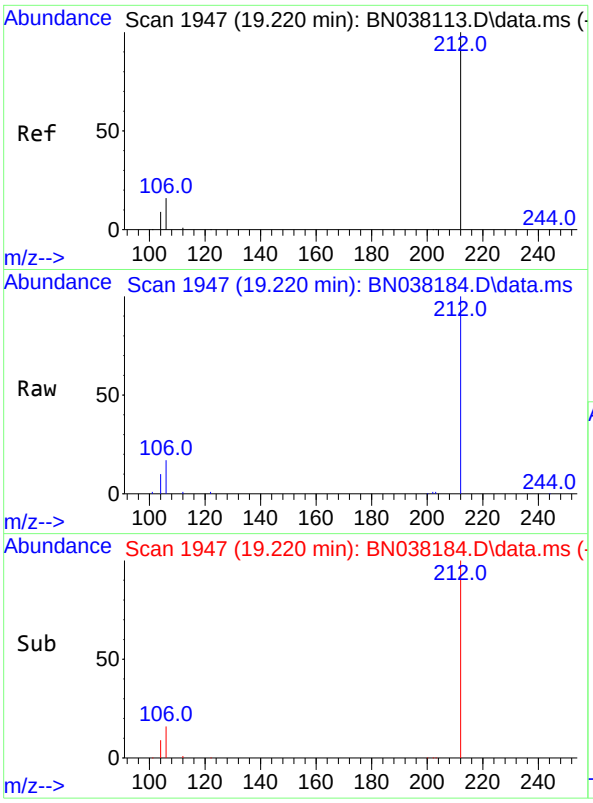


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:188 Resp: 28458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	8.6	13.0#



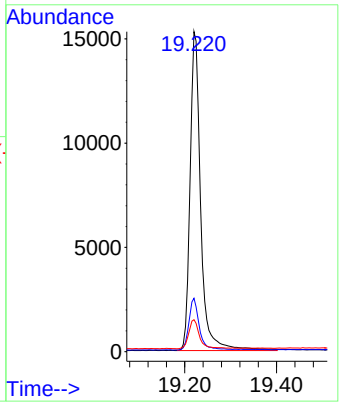


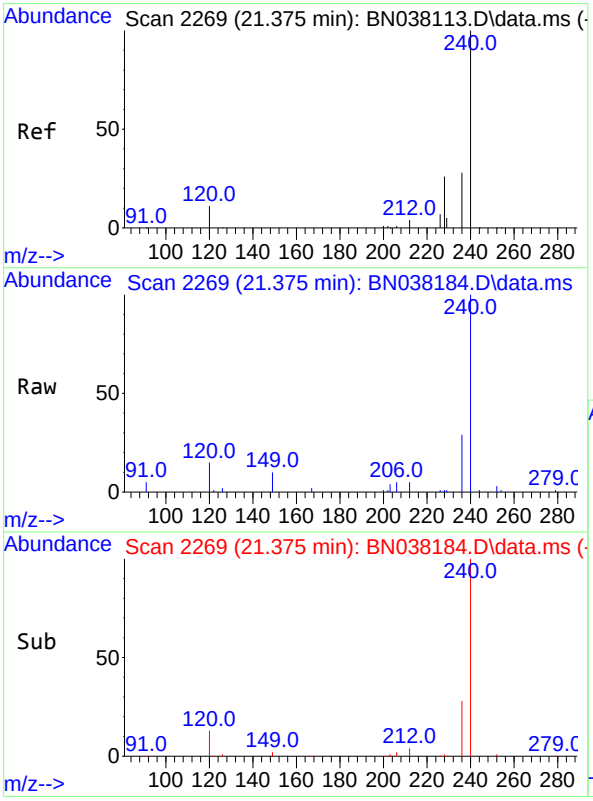
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:212 Resp: 24538

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.2	7.1	10.7

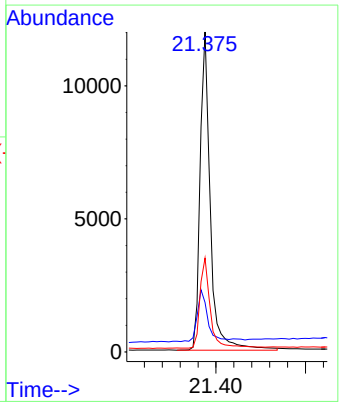


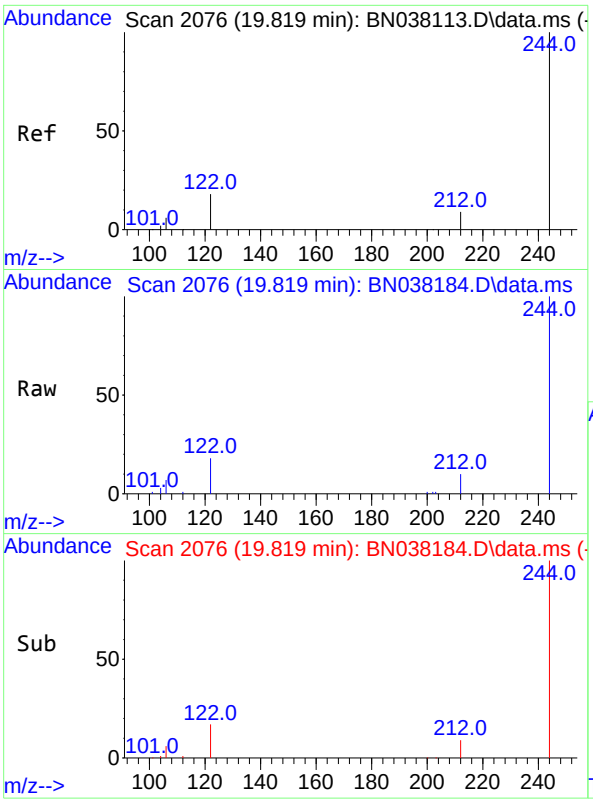


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:240 Resp: 18990

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.7	16.1
236	29.3	23.1	34.7



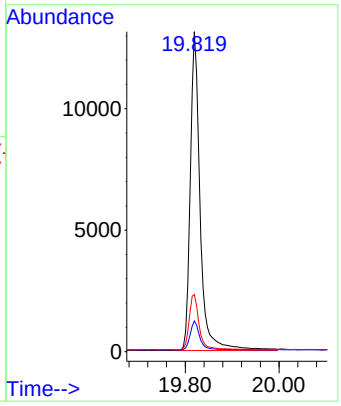


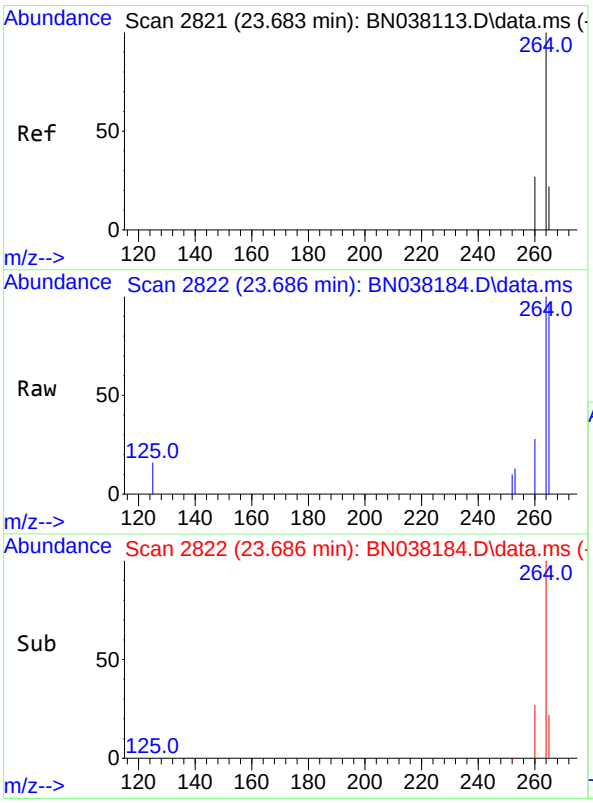
#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.819 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:244 Resp: 19123

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	17.8	15.2	22.8

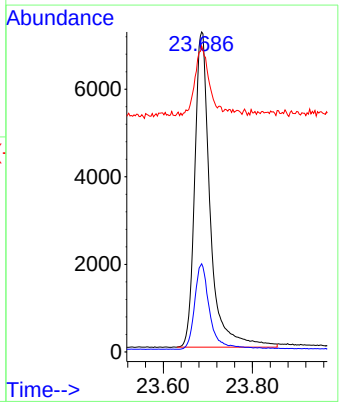




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:264 Resp: 17381

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	95.6	68.6	102.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

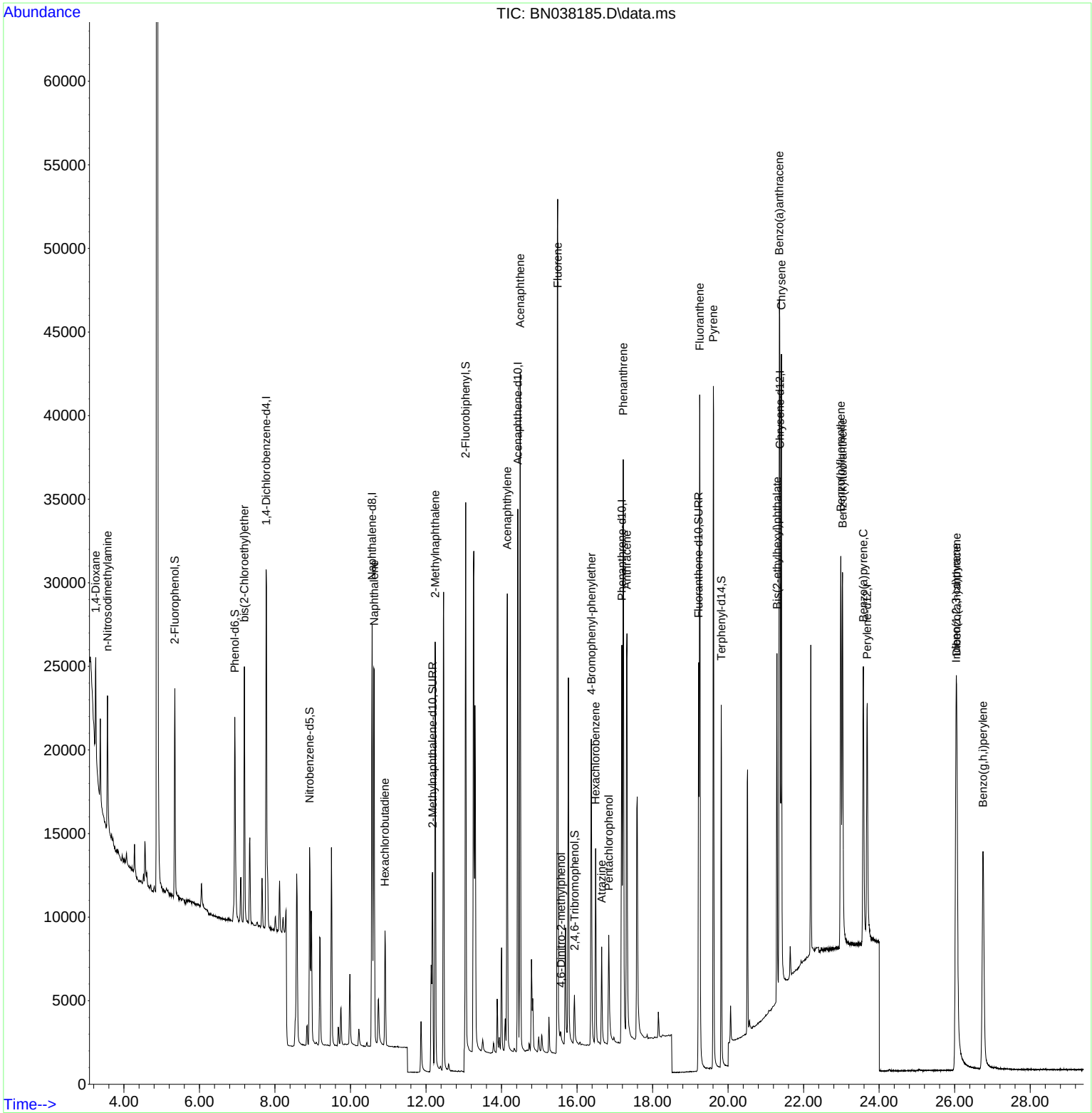
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	11079	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33638	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	18281	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	33841	0.400	ng	0.00
29) Chrysene-d12	21.375	240	23862	0.400	ng	0.00
35) Perylene-d12	23.683	264	21641	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	10277	0.394	ng	0.00
5) Phenol-d6	6.937	99	11978	0.377	ng	0.00
8) Nitrobenzene-d5	8.918	82	10064	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	17459	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2025	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	27223	0.372	ng	0.00
27) Fluoranthene-d10	19.220	212	28223	0.331	ng	0.00
31) Terphenyl-d14	19.819	244	22475	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3649	0.319	ng	# 64
3) n-Nitrosodimethylamine	3.564	42	4978	0.338	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	11386	0.365	ng	99
9) Naphthalene	10.626	128	32861	0.355	ng	100
10) Hexachlorobutadiene	10.915	225	5768	0.369	ng	# 99
12) 2-Methylnaphthalene	12.243	142	19357	0.313	ng	98
16) Acenaphthylene	14.152	152	31993	0.386	ng	99
17) Acenaphthene	14.494	154	19697	0.340	ng	98
18) Fluorene	15.489	166	26917	0.355	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	646	0.284	ng	# 71
21) 4-Bromophenyl-phenylether	16.379	248	7923	0.357	ng	92
22) Hexachlorobenzene	16.491	284	9691	0.384	ng	98
23) Atrazine	16.652	200	5427	0.334	ng	98
24) Pentachlorophenol	16.838	266	4291	0.395	ng	98
25) Phenanthrene	17.223	178	37919	0.353	ng	100
26) Anthracene	17.322	178	34132	0.363	ng	99
28) Fluoranthene	19.248	202	39000	0.325	ng	100
30) Pyrene	19.610	202	38950	0.362	ng	100
32) Benzo(a)anthracene	21.357	228	31304	0.368	ng	99
33) Chrysene	21.411	228	34651	0.375	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	16109	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	26.037	276	36958	0.416	ng	99
37) Benzo(b)fluoranthene	22.984	252	31609	0.342	ng	99
38) Benzo(k)fluoranthene	23.031	252	33378	0.358	ng	98
39) Benzo(a)pyrene	23.581	252	28450	0.384	ng	97
40) Dibenzo(a,h)anthracene	26.054	278	28160	0.412	ng	97
41) Benzo(g,h,i)perylene	26.750	276	31402	0.402	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038185.D
Acq On : 12 Nov 2025 10:44
Operator : RC/JU
Sample : PB170483BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BS

Quant Time: Nov 12 11:09:05 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\BN111225\
Data File : BN038186.D
Acq On : 12 Nov 2025 11:20
Operator : RC/JU
Sample : PB170483BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BSD

Quant Time: Nov 12 11:44:15 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

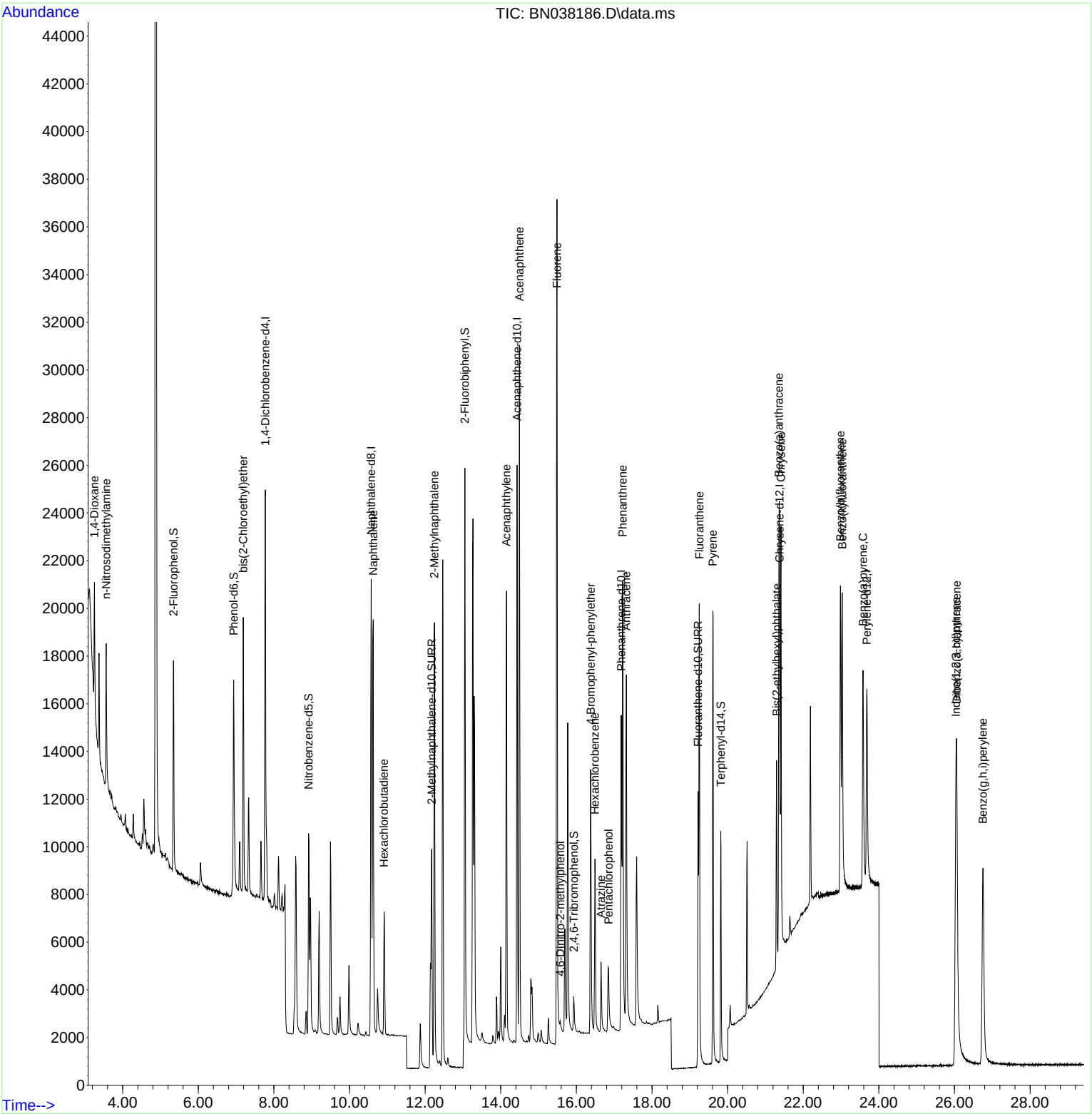
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9171	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26214	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	13453	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	20310	0.400	ng	0.00
29) Chrysene-d12	21.375	240	12107	0.400	ng	0.00
35) Perylene-d12	23.683	264	12660	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7806	0.361	ng	0.00
5) Phenol-d6	6.937	99	9239	0.351	ng	0.00
8) Nitrobenzene-d5	8.918	82	7662	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13900	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1151	0.208	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	20428	0.379	ng	0.00
27) Fluoranthene-d10	19.220	212	14174	0.277	ng	0.00
31) Terphenyl-d14	19.819	244	10666	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2929	0.309	ng	# 68
3) n-Nitrosodimethylamine	3.564	42	3880	0.318	ng	# 95
6) bis(2-Chloroethyl)ether	7.190	93	8931	0.345	ng	98
9) Naphthalene	10.626	128	24859	0.344	ng	100
10) Hexachlorobutadiene	10.915	225	4424	0.363	ng	# 98
12) 2-Methylnaphthalene	12.243	142	14646	0.304	ng	98
16) Acenaphthylene	14.152	152	22595	0.371	ng	100
17) Acenaphthene	14.495	154	14074	0.330	ng	98
18) Fluorene	15.489	166	18102	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.572	198	378	0.281	ng	# 33
21) 4-Bromophenyl-phenylether	16.379	248	5083	0.382	ng	95
22) Hexachlorobenzene	16.491	284	6389	0.422	ng	98
23) Atrazine	16.652	200	2972	0.305	ng	96
24) Pentachlorophenol	16.851	266	2276	0.349	ng	98
25) Phenanthrene	17.223	178	22214	0.345	ng	100
26) Anthracene	17.322	178	20143	0.357	ng	99
28) Fluoranthene	19.253	202	19276	0.268	ng	100
30) Pyrene	19.610	202	19106	0.350	ng	100
32) Benzo(a)anthracene	21.358	228	14926	0.346	ng	100
33) Chrysene	21.411	228	17480	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	7077	0.311	ng	99
36) Indeno(1,2,3-cd)pyrene	26.040	276	22426	0.431	ng	99
37) Benzo(b)fluoranthene	22.984	252	17625	0.326	ng	# 92
38) Benzo(k)fluoranthene	23.031	252	18608	0.342	ng	# 94
39) Benzo(a)pyrene	23.581	252	16391	0.378	ng	93
40) Dibenzo(a,h)anthracene	26.057	278	17578	0.439	ng	99
41) Benzo(g,h,i)perylene	26.753	276	19756	0.432	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038186.D
Acq On : 12 Nov 2025 11:20
Operator : RC/JU
Sample : PB170483BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170483BSD

Quant Time: Nov 12 11:44:15 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:	BN111225	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

Manual Integration Report

Sequence:	BN111325	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3584-07	BN038200.D	Benzo(a)anthracene	Jagrut	11/13/2025 5:00:37 PM	Sohil	11/14/2025 12:27:36 PM	Peak Integrated by Software
Q3584-07	BN038200.D	Phenol-d6	Jagrut	11/13/2025 5:00:37 PM	Sohil	11/14/2025 12:27:36 PM	Peak Integrated by Software

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 # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM				
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM				
SubDirectory	BN111225	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	BN038182.D	12 Nov 2025 08:52	RC/JU	Ok
2	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31	RC/JU	Ok
3	PB170483BL	BN038184.D	12 Nov 2025 10:07	RC/JU	Ok
4	PB170483BS	BN038185.D	12 Nov 2025 10:44	RC/JU	Ok
5	PB170483BSD	BN038186.D	12 Nov 2025 11:20	RC/JU	Ok
6	Q3569-02	BN038187.D	12 Nov 2025 11:56	RC/JU	Dilution
7	Q3584-01	BN038188.D	12 Nov 2025 12:32	RC/JU	Ok
8	Q3569-01	BN038189.D	12 Nov 2025 13:09	RC/JU	Dilution
9	Q3584-03	BN038190.D	12 Nov 2025 13:45	RC/JU	Ok
10	Q3584-02	BN038191.D	12 Nov 2025 14:21	RC/JU	Ok
11	Q3584-04	BN038192.D	12 Nov 2025 14:58	RC/JU	Ok
12	Q3584-05	BN038193.D	12 Nov 2025 15:34	RC/JU	Ok
13	Q3569-02DL	BN038194.D	12 Nov 2025 16:11	RC/JU	Ok
14	Q3569-01DL	BN038195.D	12 Nov 2025 16:47	RC/JU	Ok
15	SSTDCCC0.4	BN038196.D	12 Nov 2025 18:40	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 # BN111325

Review By	Jagrut	Review On	11/13/2025 5:04:18 PM				
Supervise By	Sohil	Supervise On	11/14/2025 12:27:41 PM				
SubDirectory	BN111325	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	BN038197.D	13 Nov 2025 11:34	RC/JU	Ok
2	SSTDCCC0.4	BN038198.D	13 Nov 2025 12:14	RC/JU	Ok
3	PB170483BL	BN038199.D	13 Nov 2025 12:50	RC/JU	Not Ok
4	Q3584-07	BN038200.D	13 Nov 2025 13:27	RC/JU	Dilution
5	Q3584-07DL	BN038201.D	13 Nov 2025 15:52	RC/JU	Ok
6	SSTDCCC0.4	BN038202.D	13 Nov 2025 17:07	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

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 # BN111225

Review By	rahul	Review On	11/12/2025 1:44:37 PM		
Supervise By	Jagrut	Supervise On	11/13/2025 10:06:02 AM		
SubDirectory	BN111225	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	BN038182.D	12 Nov 2025 08:52		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038183.D	12 Nov 2025 09:31		RC/JU	Ok
3	PB170483BL	PB170483BL	BN038184.D	12 Nov 2025 10:07		RC/JU	Ok
4	PB170483BS	PB170483BS	BN038185.D	12 Nov 2025 10:44		RC/JU	Ok
5	PB170483BSD	PB170483BSD	BN038186.D	12 Nov 2025 11:20		RC/JU	Ok
6	Q3569-02	MW-12	BN038187.D	12 Nov 2025 11:56	Need 40X Dilution	RC/JU	Dilution
7	Q3584-01	SW-1	BN038188.D	12 Nov 2025 12:32		RC/JU	Ok
8	Q3569-01	MW-2	BN038189.D	12 Nov 2025 13:09	Need 10X Dilution	RC/JU	Dilution
9	Q3584-03	SW-3	BN038190.D	12 Nov 2025 13:45		RC/JU	Ok
10	Q3584-02	SW-2	BN038191.D	12 Nov 2025 14:21		RC/JU	Ok
11	Q3584-04	EB-2	BN038192.D	12 Nov 2025 14:58		RC/JU	Ok
12	Q3584-05	FB-2	BN038193.D	12 Nov 2025 15:34		RC/JU	Ok
13	Q3569-02DL	MW-12DL	BN038194.D	12 Nov 2025 16:11		RC/JU	Ok
14	Q3569-01DL	MW-2DL	BN038195.D	12 Nov 2025 16:47		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN038196.D	12 Nov 2025 18:40		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 # BN111325

Review By	Jagrut	Review On	11/13/2025 5:04:18 PM	
Supervise By	Sohil	Supervise On	11/14/2025 12:27:41 PM	
SubDirectory	BN111325	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	BN038197.D	13 Nov 2025 11:34		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038198.D	13 Nov 2025 12:14	Comp#24 fail from lowside	RC/JU	Ok
3	PB170483BL	PB170483BL	BN038199.D	13 Nov 2025 12:50	Analyzed for contamination check	RC/JU	Not Ok
4	Q3584-07	SEEP-1	BN038200.D	13 Nov 2025 13:27	Need 5X dilution, Regular Internal standard added	RC/JU	Dilution
5	Q3584-07DL	SEEP-1DL	BN038201.D	13 Nov 2025 15:52	Regular Internal standard added	RC/JU	Ok
6	SSTDCCC0.4	SSTDCCC0.4EC	BN038202.D	13 Nov 2025 17:07		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170483

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 : 11/11/2025

Extraction Start Time : 08:40

Extraction End Date : 11/11/2025

Extraction End Time : 13:40

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	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.

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
11/11/25	RS (Ext lab)	JY / SVOC
13:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170483

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170483BL	SBLK483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB170483BS	SLCS483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
PB170483BSD	SLCSD483	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-SIMGroup1	950	6	RUPESH	ritesh	1	M		4
Q3569-02	MW-12	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	M		5
Q3584-01	SW-1	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		6
Q3584-02	SW-2	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		7
Q3584-03	SW-3	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		8
Q3584-04	EB-2	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	H		9
Q3584-05	FB-2	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	F		10
Q3584-07	SEEP-1	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	M		11

RS 11/11/25

* **Extracts relinquished on the same date as received.**

1704483
8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569SIM **WorkList ID :** 193041 **Department :** Extraction **Date :** 11-11-2025 08:35:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3569-02	MW-12	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	J22	11/05/2025	8270-Modified
Q3584-01	SW-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-02	SW-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-03	SW-3	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-04	EB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified
Q3584-05	FB-2	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/06/2025	8270-Modified
Q3584-07	SEEP-1	Water	SVOC-SIMGroup1	Cool 4 deg C	REMI02	D41	11/07/2025	8270-Modified

Date/Time 11/11/25 8:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 11/11/25 9:15
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/12/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	
Q3584-07DL	**SEEP-1DL**	**Water**			**11/07/25**			**11/07/25**
			SVOC-SIMGroup1	8270-Modified		11/11/25	11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3584 **Order ID:** Q3584

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-2								
Q3584-04	EB-2	WATER	Endrin	0.0043	J	0.0033	0.052	ug/L
			Total Concentration:	**0.004**				

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A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PD091096.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/12/25 12:28	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 12:28	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 12:28	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:28	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 12:28	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 12:28	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:28	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 12:28	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 12:28	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 12:28	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:28	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:28	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 12:28	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:28	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:28	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 12:28	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 12:28	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.9			30 (31) - 150 (149)	99%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.9			30 (41) - 150 (134)	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

Raw Data: **PD091098.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/12/25 12:55	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 12:55	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 12:55	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:55	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 12:55	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 12:55	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 12:55	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 12:55	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 12:55	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 12:55	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 12:55	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:55	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 12:55	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 12:55	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 12:55	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 12:55	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 12:55	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.9			30 (31) - 150 (149)	109%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.8			30 (41) - 150 (134)	119%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD091100.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/12/25 13:22	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 13:22	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 13:22	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 13:22	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 13:22	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 13:22	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 13:22	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 13:22	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 13:22	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 13:22	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 13:22	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 13:22	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 13:22	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 13:22	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 13:22	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 13:22	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 13:22	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.1			30 (31) - 150 (149)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.3			30 (41) - 150 (134)	121%	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: **PD091102.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	480 mL Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.052	ug/L	11/12/25 13:50	PB170485
319-85-7	beta-BHC	0.0051	U	1	0.0051	0.052	ug/L	11/12/25 13:50	PB170485
319-86-8	delta-BHC	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/12/25 13:50	PB170485
309-00-2	Aldrin	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 13:50	PB170485
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.052	ug/L	11/12/25 13:50	PB170485
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/12/25 13:50	PB170485
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.052	ug/L	11/12/25 13:50	PB170485
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
72-20-8	Endrin	0.0043	J	1	0.0033	0.052	ug/L	11/12/25 13:50	PB170485
33213-65-9	Endosulfan II	0.0082	U	1	0.0082	0.052	ug/L	11/12/25 13:50	PB170485
72-54-8	4,4-DDD	0.0074	U	1	0.0074	0.052	ug/L	11/12/25 13:50	PB170485
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.052	ug/L	11/12/25 13:50	PB170485
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 13:50	PB170485
72-43-5	Methoxychlor	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
53494-70-5	Endrin ketone	0.0097	U	1	0.0097	0.052	ug/L	11/12/25 13:50	PB170485
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.052	ug/L	11/12/25 13:50	PB170485
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/12/25 13:50	PB170485
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.052	ug/L	11/12/25 13:50	PB170485
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/12/25 13:50	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.1			30 (31) - 150 (149)	75%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.8			30 (41) - 150 (134)	114%	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: **PD091103.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	11/12/25 14:03	PB170485
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	11/12/25 14:03	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	11/12/25 14:03	PB170485
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 14:03	PB170485
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	11/12/25 14:03	PB170485
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	11/12/25 14:03	PB170485
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 14:03	PB170485
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	11/12/25 14:03	PB170485
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	11/12/25 14:03	PB170485
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/12/25 14:03	PB170485
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	11/12/25 14:03	PB170485
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 14:03	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	11/12/25 14:03	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/12/25 14:03	PB170485
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 14:03	PB170485
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	11/12/25 14:03	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 14:03	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.3			30 (31) - 150 (149)	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.5			30 (41) - 150 (134)	113%	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: **PD091124.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.051	ug/L	11/12/25 19:18	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/12/25 19:18	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/12/25 19:18	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 19:18	PB170485
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/12/25 19:18	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/12/25 19:18	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/12/25 19:18	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/12/25 19:18	PB170485
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/12/25 19:18	PB170485
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/12/25 19:18	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/12/25 19:18	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/12/25 19:18	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/12/25 19:18	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/12/25 19:18	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/12/25 19:18	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/12/25 19:18	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 19:18	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.43			30 (31) - 150 (149)	47%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	13.1			30 (41) - 150 (134)	66%	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.: Q3584

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-PD091081.D	PIBLK-PD091081.D	Decachlorobiphen	1	20	21.9	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.8	109		30 (41)	150 (134)
		Decachlorobiphen	2	20	27.4	137		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	25.6	128		30 (41)	150 (134)
PB170485BL	PB170485BL	Decachlorobiphen	1	20	20.7	103		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.6	128		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (41)	150 (134)
PB170485BS	PB170485BS	Decachlorobiphen	1	20	21.4	107		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.5	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	26.4	132		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.9	120		30 (41)	150 (134)
PB170485BSD	PB170485BSD	Decachlorobiphen	1	20	17.5	87		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.9	99		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.7	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.1	115		30 (41)	150 (134)
Q3584-01	SW-1	Decachlorobiphen	1	20	18.0	90		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.0	100		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.9	99		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.9	115		30 (41)	150 (134)
Q3584-02	SW-2	Decachlorobiphen	1	20	20.6	103		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.8	104		30 (41)	150 (134)
		Decachlorobiphen	2	20	21.9	109		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.8	119		30 (41)	150 (134)
Q3584-03	SW-3	Decachlorobiphen	1	20	19.4	97		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.0	105		30 (41)	150 (134)
		Decachlorobiphen	2	20	21.1	106		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.3	121		30 (41)	150 (134)
Q3584-04	EB-2	Decachlorobiphen	1	20	14.4	72		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.3	102		30 (41)	150 (134)
		Decachlorobiphen	2	20	15.1	75		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (41)	150 (134)
Q3584-05	FB-2	Decachlorobiphen	1	20	17.0	85		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.5	113		30 (41)	150 (134)
I.BLK-PD091104.D	PIBLK-PD091104.D	Decachlorobiphen	1	20	21.7	108		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.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD091104.D	PIBLK-PD091104.D	Tetrachloro-m-xyl	1	20	22.0	110		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.9	130		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.7	124		30 (41)	150 (134)
I.BLK-PD091117.D	PIBLK-PD091117.D	Decachlorobiphen	1	20	21.7	108		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.5	107		30 (41)	150 (134)
		Decachlorobiphen	2	20	25.9	129		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.3	121		30 (41)	150 (134)
Q3584-07	SEEP-1	Decachlorobiphen	1	20	9.43	47		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	11.7	58		30 (41)	150 (134)
		Decachlorobiphen	2	20	7.61	38		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	13.1	66		30 (41)	150 (134)
I.BLK-PD091129.D	PIBLK-PD091129.D	Decachlorobiphen	1	20	22.1	110		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	21.6	108		30 (41)	150 (134)
		Decachlorobiphen	2	20	26.1	131		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	24.5	123		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.: Q3584 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091087.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170485BS (Column 1)	alpha-BHC	0.5	0.47	ug/L	95				40 (85)	140 (130)	
	beta-BHC	0.5	0.46	ug/L	92				40 (83)	140 (126)	
	delta-BHC	0.5	0.48	ug/L	95				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.47	ug/L	94				40 (82)	140 (129)	
	Heptachlor	0.5	0.57	ug/L	114				40 (79)	140 (127)	
	Aldrin	0.5	0.47	ug/L	95				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.49	ug/L	97				40 (81)	140 (124)	
	Endosulfan I	0.5	0.48	ug/L	95				40 (85)	140 (122)	
	Dieldrin	0.5	0.48	ug/L	96				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.47	ug/L	93				40 (80)	140 (127)	
	Endrin	0.5	0.44	ug/L	88				40 (81)	140 (128)	
	Endosulfan II	0.5	0.48	ug/L	96				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.51	ug/L	103				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.48	ug/L	95				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.47	ug/L	95				40 (80)	140 (133)	
	Methoxychlor	0.5	0.48	ug/L	96				40 (78)	140 (108)	
	Endrin ketone	0.5	0.50	ug/L	100				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.49	ug/L	99				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.48	ug/L	96				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.47	ug/L	94				40 (82)	140 (125)	
PB170485BS (Column 2)	alpha-BHC	0.5	0.53	ug/L	107				40 (85)	140 (130)	
	beta-BHC	0.5	0.52	ug/L	105				40 (83)	140 (126)	
	delta-BHC	0.5	0.53	ug/L	106				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.5	0.53	ug/L	106				40 (82)	140 (129)	
	Heptachlor	0.5	0.55	ug/L	110				40 (79)	140 (127)	
	Aldrin	0.5	0.53	ug/L	106				40 (79)	140 (126)	
	Heptachlor epoxide	0.5	0.52	ug/L	104				40 (81)	140 (124)	
	Endosulfan I	0.5	0.53	ug/L	106				40 (85)	140 (122)	
	Dieldrin	0.5	0.54	ug/L	108				40 (83)	140 (125)	
	4,4'-DDE	0.5	0.53	ug/L	107				40 (80)	140 (127)	
	Endrin	0.5	0.50	ug/L	100				40 (81)	140 (128)	
	Endosulfan II	0.5	0.55	ug/L	109				40 (82)	140 (123)	
	4,4'-DDD	0.5	0.57	ug/L	114				40 (77)	140 (131)	
	Endosulfan sulfate	0.5	0.55	ug/L	110				40 (76)	140 (129)	
	4,4'-DDT	0.5	0.54	ug/L	107				40 (80)	140 (133)	
	Methoxychlor	0.5	0.54	ug/L	108				40 (78)	140 (108)	
	Endrin ketone	0.5	0.62	ug/L	123				40 (80)	140 (131)	
	Endrin aldehyde	0.5	0.56	ug/L	112				40 (82)	140 (127)	
	alpha-Chlordane	0.5	0.53	ug/L	106				40 (82)	140 (125)	
	gamma-Chlordane	0.5	0.53	ug/L	106				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.: Q3584 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD091093.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170485BSD (Column 1)	alpha-BHC	0.5	0.47	ug/L	93	2			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.45	ug/L	89	3			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.46	ug/L	92	3			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.46	ug/L	92	2			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.55	ug/L	109	4			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.45	ug/L	90	5			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.45	ug/L	90	7			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.45	ug/L	89	7			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.43	ug/L	85	12			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.43	ug/L	87	7			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.41	ug/L	83	6			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.44	ug/L	88	9			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.47	ug/L	95	8			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.44	ug/L	88	8			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.45	ug/L	90	5			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.44	ug/L	88	9			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.46	ug/L	93	7			40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.46	ug/L	91	8			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.43	ug/L	86	11			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.45	ug/L	90	4			40 (82)	140 (125)	20 (20)
PB170485BSD (Column 2)	alpha-BHC	0.5	0.51	ug/L	102	5			40 (85)	140 (130)	20 (20)
	beta-BHC	0.5	0.50	ug/L	99	6			40 (83)	140 (126)	20 (20)
	delta-BHC	0.5	0.50	ug/L	100	6			40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.5	0.51	ug/L	102	4			40 (82)	140 (129)	20 (20)
	Heptachlor	0.5	0.52	ug/L	103	7			40 (79)	140 (127)	20 (20)
	Aldrin	0.5	0.50	ug/L	100	6			40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.5	0.48	ug/L	95	9			40 (81)	140 (124)	20 (20)
	Endosulfan I	0.5	0.48	ug/L	97	9			40 (85)	140 (122)	20 (20)
	Dieldrin	0.5	0.48	ug/L	95	13			40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.5	0.48	ug/L	97	10			40 (80)	140 (127)	20 (20)
	Endrin	0.5	0.46	ug/L	91	9			40 (81)	140 (128)	20 (20)
	Endosulfan II	0.5	0.48	ug/L	97	12			40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.5	0.50	ug/L	99	14			40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.5	0.46	ug/L	93	17			40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.5	0.47	ug/L	93	14			40 (80)	140 (133)	20 (20)
	Methoxychlor	0.5	0.45	ug/L	91	17			40 (78)	140 (108)	20 (20)
	Endrin ketone	0.5	0.49	ug/L	98	23		*	40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.5	0.48	ug/L	96	15			40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.5	0.48	ug/L	97	9			40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.5	0.49	ug/L	97	9			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: PB170485BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab Sample ID: PB170485BL | Lab File ID: PD091086.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/11/2025

Date Analyzed (1): 11/12/2025 | Date Analyzed (2): 11/12/2025

Time Analyzed (1): 10:11 | Time Analyzed (2): 10:11

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
PB170485BS	PB170485BS	PD091087.D	11/12/2025	11/12/2025
PB170485BSD	PB170485BSD	PD091093.D	11/12/2025	11/12/2025
SW-1	Q3584-01	PD091096.D	11/12/2025	11/12/2025
SW-2	Q3584-02	PD091098.D	11/12/2025	11/12/2025
SW-3	Q3584-03	PD091100.D	11/12/2025	11/12/2025
EB-2	Q3584-04	PD091102.D	11/12/2025	11/12/2025
FB-2	Q3584-05	PD091103.D	11/12/2025	11/12/2025
SEEP-1	Q3584-07	PD091124.D	11/12/2025	11/12/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD091086.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:	PB170485BL	SDG No.:	Q3584
Lab Sample ID:	PB170485BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/12/25 10:11	PB170485
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25 10:11	PB170485
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25 10:11	PB170485
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25 10:11	PB170485
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25 10:11	PB170485
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25 10:11	PB170485
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25 10:11	PB170485
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25 10:11	PB170485
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25 10:11	PB170485
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25 10:11	PB170485
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25 10:11	PB170485
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25 10:11	PB170485
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25 10:11	PB170485
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25 10:11	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:11	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.6			30 (31) - 150 (149)	128%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			30 (41) - 150 (134)	118%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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.:	Q3584
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:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091081.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091081.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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.4			30 (31) - 150 (149)	137%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.6			30 (41) - 150 (134)	128%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091104.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091104.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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.9			30 (31) - 150 (149)	130%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.7			30 (41) - 150 (134)	124%	SPK: 20		

U = Not Detected
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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,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091117.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091117.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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.9			30 (31) - 150 (149)	129%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.3			30 (41) - 150 (134)	121%	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.
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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/12/25
Project:	Edison Landfill	Date Received:	11/12/25
Client Sample ID:	PIBLK-PD091129.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PD091129.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	11/12/25	PD111225
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/12/25	PD111225
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/12/25	PD111225
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/12/25	PD111225
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/12/25	PD111225
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/12/25	PD111225
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/12/25	PD111225
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/12/25	PD111225
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/12/25	PD111225
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/12/25	PD111225
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/12/25	PD111225
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/12/25	PD111225
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/12/25	PD111225
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/12/25	PD111225
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25	PD111225
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.1			30 (31) - 150 (149)	131%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.5			30 (41) - 150 (134)	123%	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: **PD091087.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:	PB170485BS	SDG No.:	Q3584
Lab Sample ID:	PB170485BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
319-85-7	beta-BHC	0.52		1	0.0049	0.050	ug/L	11/12/25 10:25	PB170485
319-86-8	delta-BHC	0.53		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
58-89-9	gamma-BHC (Lindane)	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
76-44-8	Heptachlor	0.57		1	0.0027	0.050	ug/L	11/12/25 10:25	PB170485
309-00-2	Aldrin	0.53		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
1024-57-3	Heptachlor epoxide	0.52		1	0.0096	0.050	ug/L	11/12/25 10:25	PB170485
959-98-8	Endosulfan I	0.53		1	0.0031	0.050	ug/L	11/12/25 10:25	PB170485
60-57-1	Dieldrin	0.54		1	0.0036	0.050	ug/L	11/12/25 10:25	PB170485
72-55-9	4,4-DDE	0.53		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
72-20-8	Endrin	0.50		1	0.0032	0.050	ug/L	11/12/25 10:25	PB170485
33213-65-9	Endosulfan II	0.55		1	0.0079	0.050	ug/L	11/12/25 10:25	PB170485
72-54-8	4,4-DDD	0.57		1	0.0071	0.050	ug/L	11/12/25 10:25	PB170485
1031-07-8	Endosulfan Sulfate	0.55		1	0.0037	0.050	ug/L	11/12/25 10:25	PB170485
50-29-3	4,4-DDT	0.54		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
72-43-5	Methoxychlor	0.54		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
53494-70-5	Endrin ketone	0.62		1	0.0093	0.050	ug/L	11/12/25 10:25	PB170485
7421-93-4	Endrin aldehyde	0.56		1	0.011	0.050	ug/L	11/12/25 10:25	PB170485
5103-71-9	alpha-Chlordane	0.53		1	0.0035	0.050	ug/L	11/12/25 10:25	PB170485
5103-74-2	gamma-Chlordane	0.53		1	0.0039	0.050	ug/L	11/12/25 10:25	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 10:25	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.4			30 (31) - 150 (149)	132%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.9			30 (41) - 150 (134)	120%	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: **PD091093.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:	PB170485BSD	SDG No.:	Q3584
Lab Sample ID:	PB170485BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.51		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/12/25 11:47	PB170485
319-86-8	delta-BHC	0.50		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
76-44-8	Heptachlor	0.55		1	0.0027	0.050	ug/L	11/12/25 11:47	PB170485
309-00-2	Aldrin	0.50		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
1024-57-3	Heptachlor epoxide	0.48		1	0.0096	0.050	ug/L	11/12/25 11:47	PB170485
959-98-8	Endosulfan I	0.48		1	0.0031	0.050	ug/L	11/12/25 11:47	PB170485
60-57-1	Dieldrin	0.48		1	0.0036	0.050	ug/L	11/12/25 11:47	PB170485
72-55-9	4,4-DDE	0.48		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
72-20-8	Endrin	0.46		1	0.0032	0.050	ug/L	11/12/25 11:47	PB170485
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/12/25 11:47	PB170485
72-54-8	4,4-DDD	0.50		1	0.0071	0.050	ug/L	11/12/25 11:47	PB170485
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/12/25 11:47	PB170485
50-29-3	4,4-DDT	0.47		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
72-43-5	Methoxychlor	0.45		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
53494-70-5	Endrin ketone	0.49		1	0.0093	0.050	ug/L	11/12/25 11:47	PB170485
7421-93-4	Endrin aldehyde	0.48		1	0.011	0.050	ug/L	11/12/25 11:47	PB170485
5103-71-9	alpha-Chlordane	0.48		1	0.0035	0.050	ug/L	11/12/25 11:47	PB170485
5103-74-2	gamma-Chlordane	0.49		1	0.0039	0.050	ug/L	11/12/25 11:47	PB170485
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/12/25 11:47	PB170485
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.7			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.1			30 (41) - 150 (134)	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

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.: Q3584
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3584
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.: Q3584
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.: Q3584
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.:** Q3584

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.:** Q3584

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.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
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	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 09:28 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	50.700	50.000	1.4
4,4'-DDE	6.190	6.090	6.290	47.140	50.000	-5.7
4,4'-DDT	7.016	6.915	7.115	46.930	50.000	-6.1
Aldrin	5.264	5.164	5.364	47.990	50.000	-4.0
alpha-BHC	3.993	3.894	4.094	49.100	50.000	-1.8
alpha-Chlordane	6.020	5.921	6.121	46.460	50.000	-7.1
beta-BHC	4.512	4.412	4.612	47.120	50.000	-5.8
Decachlorobiphenyl	9.066	8.964	9.164	43.920	50.000	-12.2
delta-BHC	4.760	4.660	4.860	48.430	50.000	-3.1
Dieldrin	6.341	6.240	6.440	48.050	50.000	-3.9
Endosulfan I	6.068	5.968	6.168	47.580	50.000	-4.8
Endosulfan II	6.781	6.681	6.881	45.840	50.000	-8.3
Endosulfan sulfate	7.145	7.045	7.245	46.880	50.000	-6.2
Endrin	6.568	6.468	6.668	45.730	50.000	-8.5
Endrin aldehyde	6.910	6.810	7.010	47.220	50.000	-5.6
Endrin ketone	7.625	7.525	7.725	48.450	50.000	-3.1
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.260	50.000	-5.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.684	5.584	5.784	48.040	50.000	-3.9
Methoxychlor	7.489	7.388	7.588	46.930	50.000	-6.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.460	50.000	-5.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091083.D **Time Analyzed:** 09:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	57.160	50.000	14.3
4,4'-DDE	5.364	5.266	5.466	53.980	50.000	8.0
4,4'-DDT	6.172	6.074	6.274	53.820	50.000	7.6
Aldrin	4.359	4.261	4.461	53.990	50.000	8.0
alpha-BHC	3.385	3.287	3.487	54.770	50.000	9.5
alpha-Chlordane	5.180	5.081	5.281	53.940	50.000	7.9
beta-BHC	4.018	3.919	4.119	53.360	50.000	6.7
Decachlorobiphenyl	8.060	7.962	8.162	55.600	50.000	11.2
delta-BHC	4.254	4.155	4.355	54.010	50.000	8.0
Dieldrin	5.502	5.404	5.604	54.550	50.000	9.1
Endosulfan I	5.236	5.138	5.338	53.860	50.000	7.7
Endosulfan II	6.070	5.972	6.172	54.820	50.000	9.6
Endosulfan sulfate	6.472	6.374	6.574	54.680	50.000	9.4
Endrin	5.779	5.681	5.881	52.800	50.000	5.6
Endrin aldehyde	6.249	6.150	6.350	54.950	50.000	9.9
Endrin ketone	6.981	6.883	7.083	57.120	50.000	14.2
gamma-BHC (Lindane)	3.721	3.623	3.823	54.230	50.000	8.5
gamma-Chlordane	5.115	5.017	5.217	54.010	50.000	8.0
Heptachlor	4.073	3.975	4.175	55.610	50.000	11.2
Heptachlor epoxide	4.862	4.764	4.964	52.690	50.000	5.4
Methoxychlor	6.743	6.645	6.845	53.940	50.000	7.9
Tetrachloro-m-xylene	2.874	2.775	2.975	53.990	50.000	8.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
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	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:44 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	51.080	50.000	2.2
4,4'-DDE	6.189	6.090	6.290	46.450	50.000	-7.1
4,4'-DDT	7.015	6.915	7.115	44.810	50.000	-10.4
Aldrin	5.263	5.164	5.364	48.170	50.000	-3.7
alpha-BHC	3.994	3.894	4.094	49.260	50.000	-1.5
alpha-Chlordane	6.020	5.921	6.121	47.660	50.000	-4.7
beta-BHC	4.512	4.412	4.612	47.370	50.000	-5.3
Decachlorobiphenyl	9.066	8.964	9.164	43.620	50.000	-12.8
delta-BHC	4.760	4.660	4.860	48.920	50.000	-2.2
Dieldrin	6.340	6.240	6.440	47.810	50.000	-4.4
Endosulfan I	6.067	5.968	6.168	47.400	50.000	-5.2
Endosulfan II	6.780	6.681	6.881	45.240	50.000	-9.5
Endosulfan sulfate	7.145	7.045	7.245	46.470	50.000	-7.1
Endrin	6.567	6.468	6.668	45.860	50.000	-8.3
Endrin aldehyde	6.910	6.810	7.010	46.530	50.000	-6.9
Endrin ketone	7.625	7.525	7.725	47.550	50.000	-4.9
gamma-BHC (Lindane)	4.324	4.225	4.425	48.390	50.000	-3.2
gamma-Chlordane	5.939	5.840	6.040	47.140	50.000	-5.7
Heptachlor	4.922	4.823	5.023	57.320	50.000	14.6
Heptachlor epoxide	5.684	5.584	5.784	48.260	50.000	-3.5
Methoxychlor	7.488	7.388	7.588	45.760	50.000	-8.5
Tetrachloro-m-xylene	3.544	3.445	3.645	47.550	50.000	-4.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091106.D **Time Analyzed:** 14:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	55.810	50.000	11.6
4,4'-DDE	5.364	5.266	5.466	52.120	50.000	4.2
4,4'-DDT	6.172	6.074	6.274	50.000	50.000	0.0
Aldrin	4.358	4.261	4.461	52.430	50.000	4.9
alpha-BHC	3.385	3.287	3.487	53.050	50.000	6.1
alpha-Chlordane	5.179	5.081	5.281	51.920	50.000	3.8
beta-BHC	4.017	3.919	4.119	51.780	50.000	3.6
Decachlorobiphenyl	8.060	7.962	8.162	53.340	50.000	6.7
delta-BHC	4.253	4.155	4.355	52.470	50.000	4.9
Dieldrin	5.502	5.404	5.604	52.550	50.000	5.1
Endosulfan I	5.236	5.138	5.338	51.700	50.000	3.4
Endosulfan II	6.070	5.972	6.172	52.410	50.000	4.8
Endosulfan sulfate	6.472	6.374	6.574	52.700	50.000	5.4
Endrin	5.779	5.681	5.881	52.500	50.000	5.0
Endrin aldehyde	6.249	6.150	6.350	52.420	50.000	4.8
Endrin ketone	6.981	6.883	7.083	54.990	50.000	10.0
gamma-BHC (Lindane)	3.721	3.623	3.823	52.570	50.000	5.1
gamma-Chlordane	5.115	5.017	5.217	52.160	50.000	4.3
Heptachlor	4.073	3.975	4.175	53.730	50.000	7.5
Heptachlor epoxide	4.862	4.764	4.964	51.170	50.000	2.3
Methoxychlor	6.743	6.645	6.845	51.870	50.000	3.7
Tetrachloro-m-xylene	2.874	2.775	2.975	52.520	50.000	5.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:28 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
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	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:28 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091118.D **Time Analyzed:** 17:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	51.480	50.000	3.0
4,4'-DDE	6.189	6.090	6.290	46.850	50.000	-6.3
4,4'-DDT	7.015	6.915	7.115	44.080	50.000	-11.8
Aldrin	5.263	5.164	5.364	48.180	50.000	-3.6
alpha-BHC	3.993	3.894	4.094	49.120	50.000	-1.8
alpha-Chlordane	6.020	5.921	6.121	45.510	50.000	-9.0
beta-BHC	4.511	4.412	4.612	47.330	50.000	-5.3
Decachlorobiphenyl	9.066	8.964	9.164	44.630	50.000	-10.7
delta-BHC	4.760	4.660	4.860	48.280	50.000	-3.4
Dieldrin	6.340	6.240	6.440	47.760	50.000	-4.5
Endosulfan I	6.067	5.968	6.168	47.290	50.000	-5.4
Endosulfan II	6.781	6.681	6.881	45.540	50.000	-8.9
Endosulfan sulfate	7.145	7.045	7.245	46.850	50.000	-6.3
Endrin	6.568	6.468	6.668	44.900	50.000	-10.2
Endrin aldehyde	6.910	6.810	7.010	46.630	50.000	-6.7
Endrin ketone	7.625	7.525	7.725	49.580	50.000	-0.8
gamma-BHC (Lindane)	4.324	4.225	4.425	48.270	50.000	-3.5
gamma-Chlordane	5.939	5.840	6.040	47.270	50.000	-5.5
Heptachlor	4.922	4.823	5.023	56.020	50.000	12.0
Heptachlor epoxide	5.684	5.584	5.784	47.430	50.000	-5.1
Methoxychlor	7.488	7.388	7.588	44.590	50.000	-10.8
Tetrachloro-m-xylene	3.543	3.445	3.645	47.710	50.000	-4.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091118.D **Time Analyzed:** 17:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	56.630	50.000	13.3
4,4'-DDE	5.364	5.266	5.466	52.110	50.000	4.2
4,4'-DDT	6.173	6.074	6.274	49.780	50.000	-0.4
Aldrin	4.359	4.261	4.461	51.900	50.000	3.8
alpha-BHC	3.385	3.287	3.487	52.650	50.000	5.3
alpha-Chlordane	5.180	5.081	5.281	51.770	50.000	3.5
beta-BHC	4.017	3.919	4.119	51.330	50.000	2.7
Decachlorobiphenyl	8.060	7.962	8.162	54.880	50.000	9.8
delta-BHC	4.253	4.155	4.355	51.970	50.000	3.9
Dieldrin	5.502	5.404	5.604	52.710	50.000	5.4
Endosulfan I	5.237	5.138	5.338	51.830	50.000	3.7
Endosulfan II	6.071	5.972	6.172	52.950	50.000	5.9
Endosulfan sulfate	6.472	6.374	6.574	53.350	50.000	6.7
Endrin	5.779	5.681	5.881	51.310	50.000	2.6
Endrin aldehyde	6.249	6.150	6.350	52.990	50.000	6.0
Endrin ketone	6.981	6.883	7.083	56.380	50.000	12.8
gamma-BHC (Lindane)	3.721	3.623	3.823	52.050	50.000	4.1
gamma-Chlordane	5.115	5.017	5.217	52.010	50.000	4.0
Heptachlor	4.073	3.975	4.175	52.860	50.000	5.7
Heptachlor epoxide	4.863	4.764	4.964	50.570	50.000	1.1
Methoxychlor	6.743	6.645	6.845	51.320	50.000	2.6
Tetrachloro-m-xylene	2.873	2.775	2.975	52.120	50.000	4.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:07 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/12/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:07 **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	0.00
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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091130.D **Time Analyzed:** 21:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	51.780	50.000	3.6
4,4'-DDE	6.189	6.090	6.290	46.390	50.000	-7.2
4,4'-DDT	7.015	6.915	7.115	42.340	50.000	-15.3
Aldrin	5.263	5.164	5.364	47.900	50.000	-4.2
alpha-BHC	3.993	3.894	4.094	48.720	50.000	-2.6
alpha-Chlordane	6.020	5.921	6.121	45.540	50.000	-8.9
beta-BHC	4.511	4.412	4.612	46.950	50.000	-6.1
Decachlorobiphenyl	9.066	8.964	9.164	43.910	50.000	-12.2
delta-BHC	4.759	4.660	4.860	48.000	50.000	-4.0
Dieldrin	6.340	6.240	6.440	47.390	50.000	-5.2
Endosulfan I	6.067	5.968	6.168	46.890	50.000	-6.2
Endosulfan II	6.780	6.681	6.881	45.040	50.000	-9.9
Endosulfan sulfate	7.144	7.045	7.245	46.180	50.000	-7.6
Endrin	6.567	6.468	6.668	44.320	50.000	-11.4
Endrin aldehyde	6.909	6.810	7.010	46.430	50.000	-7.1
Endrin ketone	7.625	7.525	7.725	47.910	50.000	-4.2
gamma-BHC (Lindane)	4.324	4.225	4.425	47.940	50.000	-4.1
gamma-Chlordane	5.939	5.840	6.040	46.720	50.000	-6.6
Heptachlor	4.922	4.823	5.023	55.760	50.000	11.5
Heptachlor epoxide	5.683	5.584	5.784	47.360	50.000	-5.3
Methoxychlor	7.489	7.388	7.588	43.050	50.000	-13.9
Tetrachloro-m-xylene	3.544	3.445	3.645	47.140	50.000	-5.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/12/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091130.D **Time Analyzed:** 21:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	56.850	50.000	13.7
4,4'-DDE	5.364	5.266	5.466	51.890	50.000	3.8
4,4'-DDT	6.172	6.074	6.274	47.530	50.000	-4.9
Aldrin	4.359	4.261	4.461	51.900	50.000	3.8
alpha-BHC	3.386	3.287	3.487	52.680	50.000	5.4
alpha-Chlordane	5.179	5.081	5.281	51.650	50.000	3.3
beta-BHC	4.018	3.919	4.119	51.280	50.000	2.6
Decachlorobiphenyl	8.059	7.962	8.162	53.920	50.000	7.8
delta-BHC	4.254	4.155	4.355	52.060	50.000	4.1
Dieldrin	5.502	5.404	5.604	52.450	50.000	4.9
Endosulfan I	5.236	5.138	5.338	51.320	50.000	2.6
Endosulfan II	6.070	5.972	6.172	52.440	50.000	4.9
Endosulfan sulfate	6.472	6.374	6.574	52.560	50.000	5.1
Endrin	5.778	5.681	5.881	50.650	50.000	1.3
Endrin aldehyde	6.248	6.150	6.350	52.610	50.000	5.2
Endrin ketone	6.981	6.883	7.083	55.390	50.000	10.8
gamma-BHC (Lindane)	3.722	3.623	3.823	52.040	50.000	4.1
gamma-Chlordane	5.114	5.017	5.217	51.750	50.000	3.5
Heptachlor	4.073	3.975	4.175	52.980	50.000	6.0
Heptachlor epoxide	4.862	4.764	4.964	50.700	50.000	1.4
Methoxychlor	6.743	6.645	6.845	49.480	50.000	-1.0
Tetrachloro-m-xylene	2.874	2.775	2.975	51.990	50.000	4.0

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.200	20.000	11.0
Tetrachloro-m-xylene	3.544	3.490	3.590	22.670	20.000	13.4
alpha-BHC	3.993	3.940	4.040	9.740	10.000	-2.6
beta-BHC	4.512	4.460	4.560	10.880	10.000	8.8
gamma-BHC (Lindane)	4.324	4.270	4.370	9.950	10.000	-0.5
Endrin	6.568	6.500	6.640	49.610	50.000	-0.8
4,4'-DDT	7.016	6.950	7.090	101.310	100.000	1.3
Methoxychlor	7.489	7.420	7.560	239.230	250.000	-4.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091082.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	27.590	20.000	38.0
Tetrachloro-m-xylene	2.874	2.820	2.920	26.010	20.000	30.1
alpha-BHC	3.385	3.330	3.440	12.640	10.000	26.4
beta-BHC	4.018	3.970	4.070	12.860	10.000	28.6
gamma-BHC (Lindane)	3.721	3.670	3.770	12.690	10.000	26.9
Endrin	5.779	5.710	5.850	56.530	50.000	13.1
4,4'-DDT	6.173	6.100	6.240	114.770	100.000	14.8
Methoxychlor	6.743	6.670	6.810	237.130	250.000	-5.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091105.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	20.820	20.000	4.1
Tetrachloro-m-xylene	3.544	3.490	3.590	21.490	20.000	7.5
alpha-BHC	3.993	3.940	4.040	9.110	10.000	-8.9
beta-BHC	4.511	4.460	4.560	10.200	10.000	2.0
gamma-BHC (Lindane)	4.324	4.270	4.370	9.180	10.000	-8.2
Endrin	6.568	6.500	6.640	46.820	50.000	-6.4
4,4'-DDT	7.016	6.950	7.090	92.030	100.000	-8.0
Methoxychlor	7.489	7.420	7.560	222.530	250.000	-11.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091105.D **Date Analyzed:** 11/12/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	24.530	20.000	22.7
Tetrachloro-m-xylene	2.874	2.820	2.920	23.620	20.000	18.1
alpha-BHC	3.386	3.340	3.440	11.500	10.000	15.0
beta-BHC	4.018	3.970	4.070	11.390	10.000	13.9
gamma-BHC (Lindane)	3.722	3.670	3.770	11.470	10.000	14.7
Endrin	5.779	5.710	5.850	52.930	50.000	5.9
4,4'-DDT	6.173	6.100	6.240	101.210	100.000	1.2
Methoxychlor	6.743	6.670	6.810	220.830	250.000	-11.7

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	9.07	3.54
PEM	PEM	11/12/2025	09:15	PD091082.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	9.07	3.54
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	9.07	3.54
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	9.07	3.54
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	9.06	3.54
SW-1	Q3584-01	11/12/2025	12:28	PD091096.D	9.07	3.54
SW-2	Q3584-02	11/12/2025	12:55	PD091098.D	9.07	3.54
SW-3	Q3584-03	11/12/2025	13:22	PD091100.D	9.07	3.54
EB-2	Q3584-04	11/12/2025	13:50	PD091102.D	9.07	3.54
FB-2	Q3584-05	11/12/2025	14:03	PD091103.D	9.07	3.55
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	9.07	3.54
PEM	PEM	11/12/2025	14:31	PD091105.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	17:15	PD091117.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/12/2025	17:28	PD091118.D	9.07	3.54
SEEP-1	Q3584-07	11/12/2025	19:18	PD091124.D	9.07	3.54
I.BLK	I.BLK	11/12/2025	20:53	PD091129.D	9.07	3.55
PSTDCCC050	PSTDCCC050	11/12/2025	21:07	PD091130.D	9.07	3.54

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Fax : 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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
I.BLK	I.BLK	11/12/2025	09:01	PD091081.D	8.06	2.87
PEM	PEM	11/12/2025	09:15	PD091082.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	09:28	PD091083.D	8.06	2.87
PB170485BL	PB170485BL	11/12/2025	10:11	PD091086.D	8.06	2.87
PB170485BS	PB170485BS	11/12/2025	10:25	PD091087.D	8.06	2.87
PB170485BSD	PB170485BSD	11/12/2025	11:47	PD091093.D	8.06	2.87
SW-1	Q3584-01	11/12/2025	12:28	PD091096.D	8.06	2.87
SW-2	Q3584-02	11/12/2025	12:55	PD091098.D	8.06	2.88
SW-3	Q3584-03	11/12/2025	13:22	PD091100.D	8.06	2.87
EB-2	Q3584-04	11/12/2025	13:50	PD091102.D	8.06	2.87
FB-2	Q3584-05	11/12/2025	14:03	PD091103.D	8.06	2.88
I.BLK	I.BLK	11/12/2025	14:17	PD091104.D	8.06	2.87
PEM	PEM	11/12/2025	14:31	PD091105.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	14:44	PD091106.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	17:15	PD091117.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	17:28	PD091118.D	8.06	2.87
SEEP-1	Q3584-07	11/12/2025	19:18	PD091124.D	8.06	2.87
I.BLK	I.BLK	11/12/2025	20:53	PD091129.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/12/2025	21:07	PD091130.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

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	12.9
	2	6.07	6.02	6.12	0.55	
4,4'-DDD	1	6.70	6.65	6.75	0.51	10.6
	2	5.92	5.87	5.97	0.57	
4,4'-DDT	1	7.02	6.97	7.07	0.47	12.4
	2	6.17	6.12	6.22	0.54	
Endrin aldehyde	1	6.91	6.86	6.96	0.49	12.9
	2	6.25	6.20	6.30	0.56	
Endosulfan sulfate	1	7.14	7.09	7.19	0.48	14.2
	2	6.47	6.42	6.52	0.55	
Methoxychlor	1	7.49	7.44	7.54	0.48	11.7
	2	6.74	6.69	6.79	0.54	
Endrin ketone	1	7.63	7.58	7.68	0.50	20.6
	2	6.98	6.93	7.03	0.62	
alpha-BHC	1	3.99	3.94	4.04	0.47	12.1
	2	3.39	3.34	3.44	0.53	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.47	12.6
	2	3.72	3.67	3.77	0.53	
Heptachlor	1	4.92	4.87	4.97	0.57	3.6
	2	4.07	4.02	4.12	0.55	
Aldrin	1	5.26	5.21	5.31	0.47	11.3
	2	4.36	4.31	4.41	0.53	
beta-BHC	1	4.51	4.46	4.56	0.46	13.3
	2	4.02	3.97	4.07	0.52	
delta-BHC	1	4.76	4.71	4.81	0.48	10.6
	2	4.25	4.20	4.30	0.53	
Heptachlor epoxide	1	5.68	5.63	5.73	0.49	6.8
	2	4.86	4.81	4.91	0.52	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BS **Date(s) Analyzed:** 11/12/2025 11/12/2025

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	0.48	10.2
	2	5.24	5.19	5.29	0.53	
gamma-Chlordane	1	5.94	5.89	5.99	0.47	12.5
	2	5.12	5.07	5.17	0.53	
alpha-Chlordane	1	6.02	5.97	6.07	0.48	9.8
	2	5.18	5.13	5.23	0.53	
4,4'-DDE	1	6.19	6.14	6.24	0.47	13.5
	2	5.37	5.32	5.42	0.53	
Dieldrin	1	6.34	6.29	6.39	0.48	11.6
	2	5.50	5.45	5.55	0.54	
Endrin	1	6.57	6.52	6.62	0.44	13.3
	2	5.78	5.73	5.83	0.50	

Alliance TECHNICAL GROUP
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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BSD **Date(s) Analyzed:** 11/12/2025 11/12/2025

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	0.44	9.9
	2	6.07	6.02	6.12	0.48	
4,4'-DDD	1	6.70	6.65	6.75	0.47	4.6
	2	5.92	5.87	5.97	0.50	
4,4'-DDT	1	7.02	6.97	7.07	0.45	3.7
	2	6.17	6.12	6.22	0.47	
Endrin aldehyde	1	6.91	6.86	6.96	0.46	5.3
	2	6.25	6.20	6.30	0.48	
Endosulfan sulfate	1	7.14	7.09	7.19	0.44	5.4
	2	6.47	6.42	6.52	0.46	
Methoxychlor	1	7.49	7.44	7.54	0.44	3
	2	6.74	6.69	6.79	0.45	
Endrin ketone	1	7.63	7.58	7.68	0.46	4.8
	2	6.98	6.93	7.03	0.49	
alpha-BHC	1	3.99	3.94	4.04	0.47	9.2
	2	3.39	3.34	3.44	0.51	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.46	9.9
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.92	4.87	4.97	0.55	5.6
	2	4.07	4.02	4.12	0.52	
Aldrin	1	5.26	5.21	5.31	0.45	10.3
	2	4.36	4.31	4.41	0.50	
beta-BHC	1	4.51	4.46	4.56	0.45	10.7
	2	4.02	3.97	4.07	0.50	
delta-BHC	1	4.76	4.71	4.81	0.46	8.3
	2	4.25	4.20	4.30	0.50	
Heptachlor epoxide	1	5.68	5.63	5.73	0.45	5.5
	2	4.86	4.81	4.91	0.48	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170485BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Lab Sample ID: PB170485BSD **Date(s) Analyzed:** 11/12/2025 11/12/2025

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	7.9
	2	5.24	5.19	5.29	0.48	
gamma-Chlordane	1	5.94	5.89	5.99	0.45	8
	2	5.12	5.07	5.17	0.49	
alpha-Chlordane	1	6.02	5.97	6.07	0.43	11.6
	2	5.18	5.13	5.23	0.48	
4,4'-DDE	1	6.19	6.14	6.24	0.43	11.1
	2	5.36	5.31	5.41	0.48	
Dieldrin	1	6.34	6.29	6.39	0.43	11
	2	5.50	5.45	5.55	0.48	
Endrin	1	6.57	6.52	6.62	0.41	9.6
	2	5.78	5.73	5.83	0.46	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:28
Operator : AR\AJ
Sample : Q3584-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	62164848	682.5E6	19.962m	22.921
28)	SA Decachlor...	9.067	8.060	84218777	601.3E6	18.003	19.851
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD091096.D**

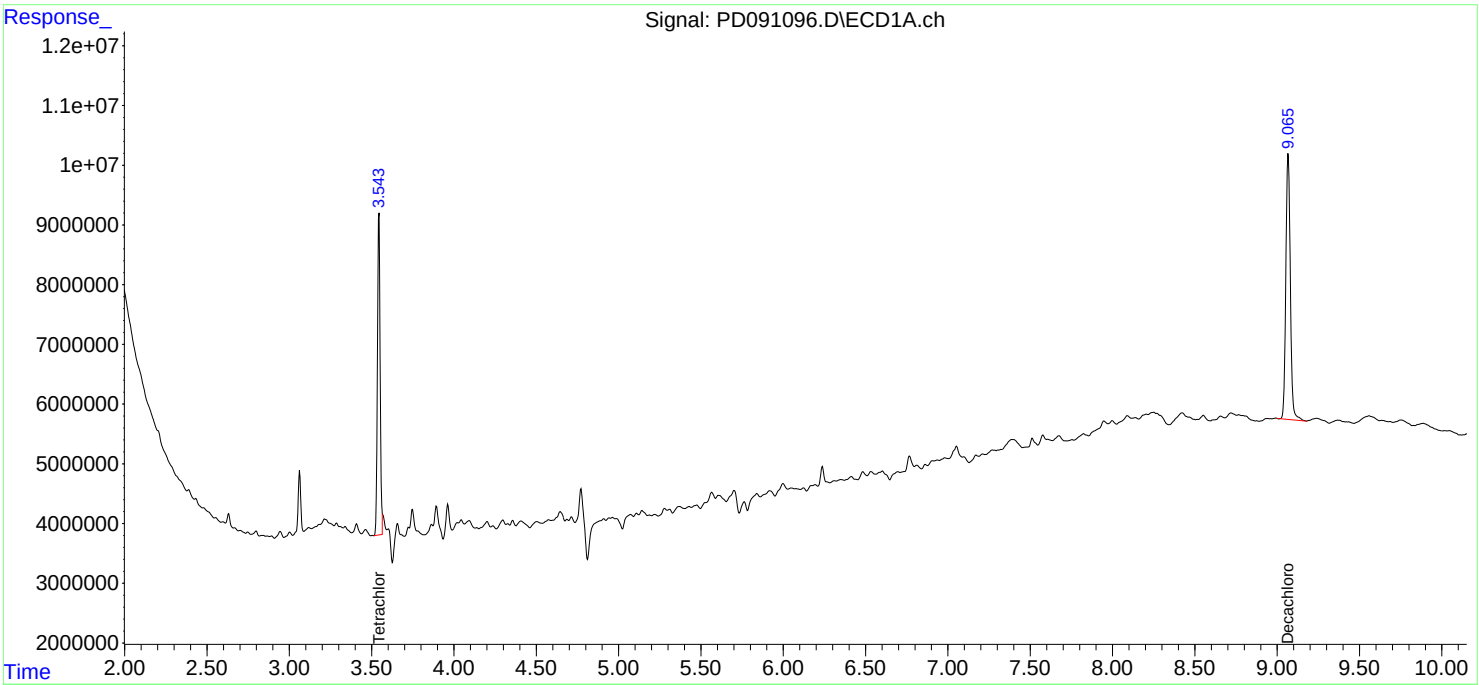
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Data File : PD091096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:28
Operator : AR\AJ
Sample : Q3584-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

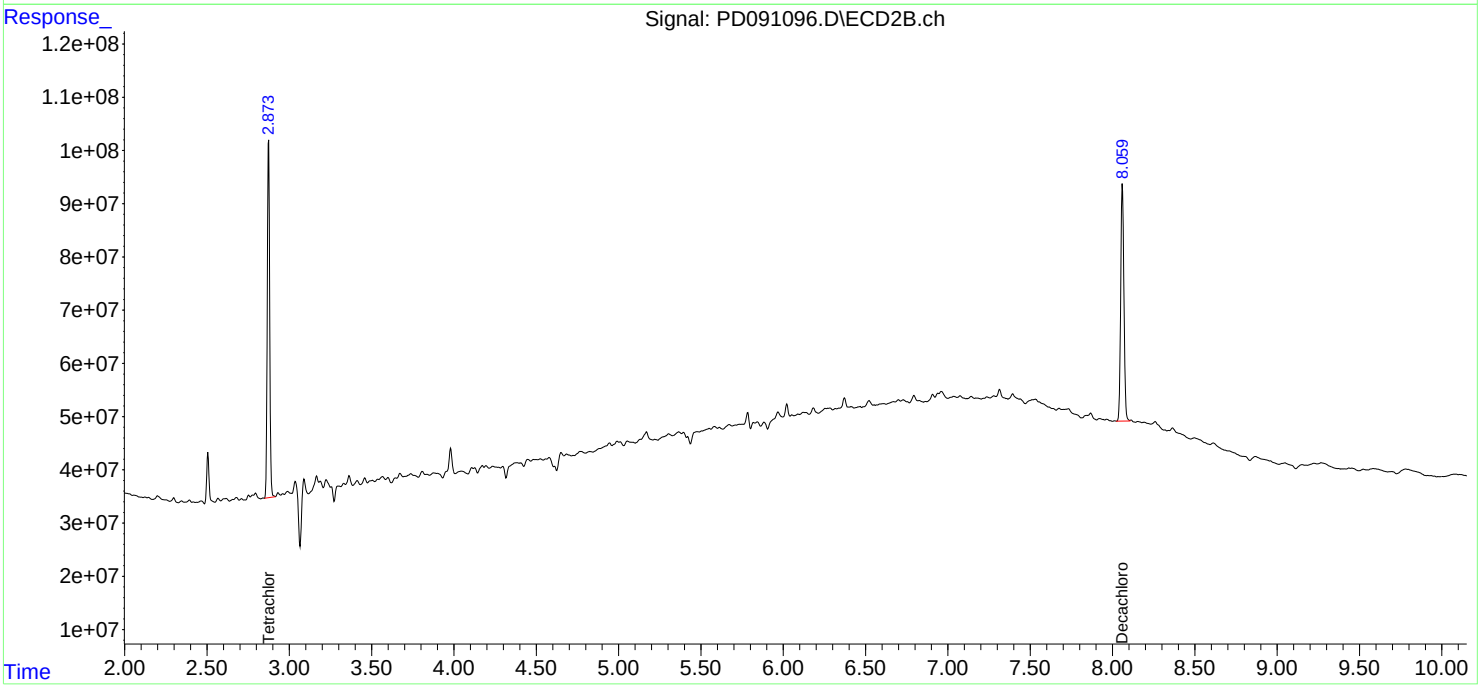
Instrument :
ECD_D
ClientSampleId :
SW-1

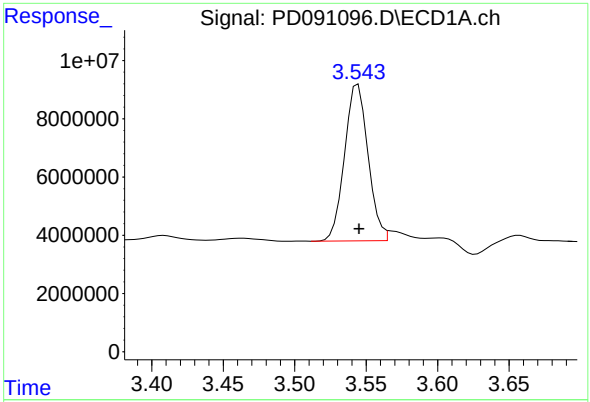
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:13 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







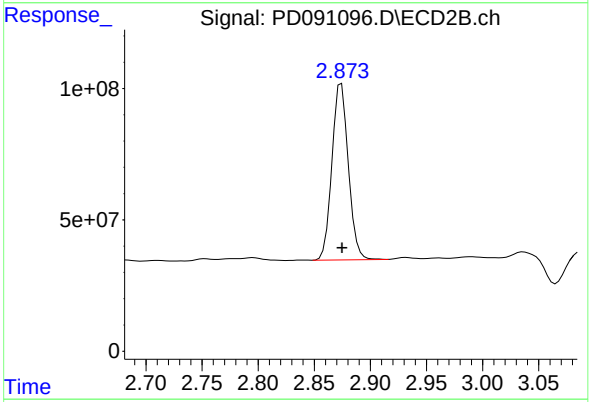
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 62164848
Conc: 19.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-1

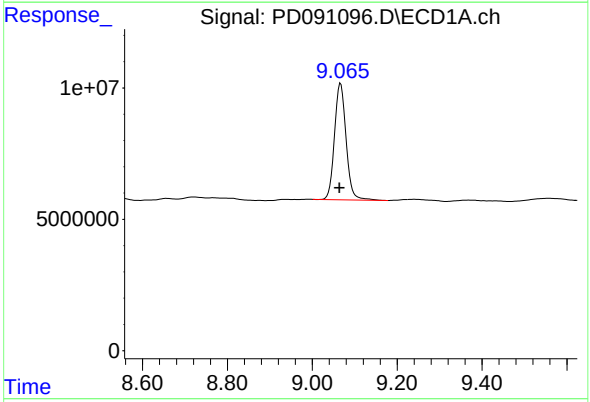
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



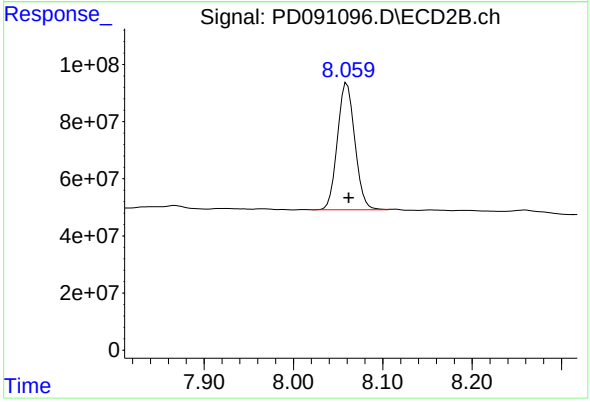
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 682513523
Conc: 22.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 84218777
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 601304239
Conc: 19.85 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:55
Operator : AR\AJ
Sample : Q3584-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:41 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	2.875	64672904	707.1E6	20.767m	23.746
28)	SA Decachlor...	9.066	8.060	96119766	662.8E6	20.547	21.882
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

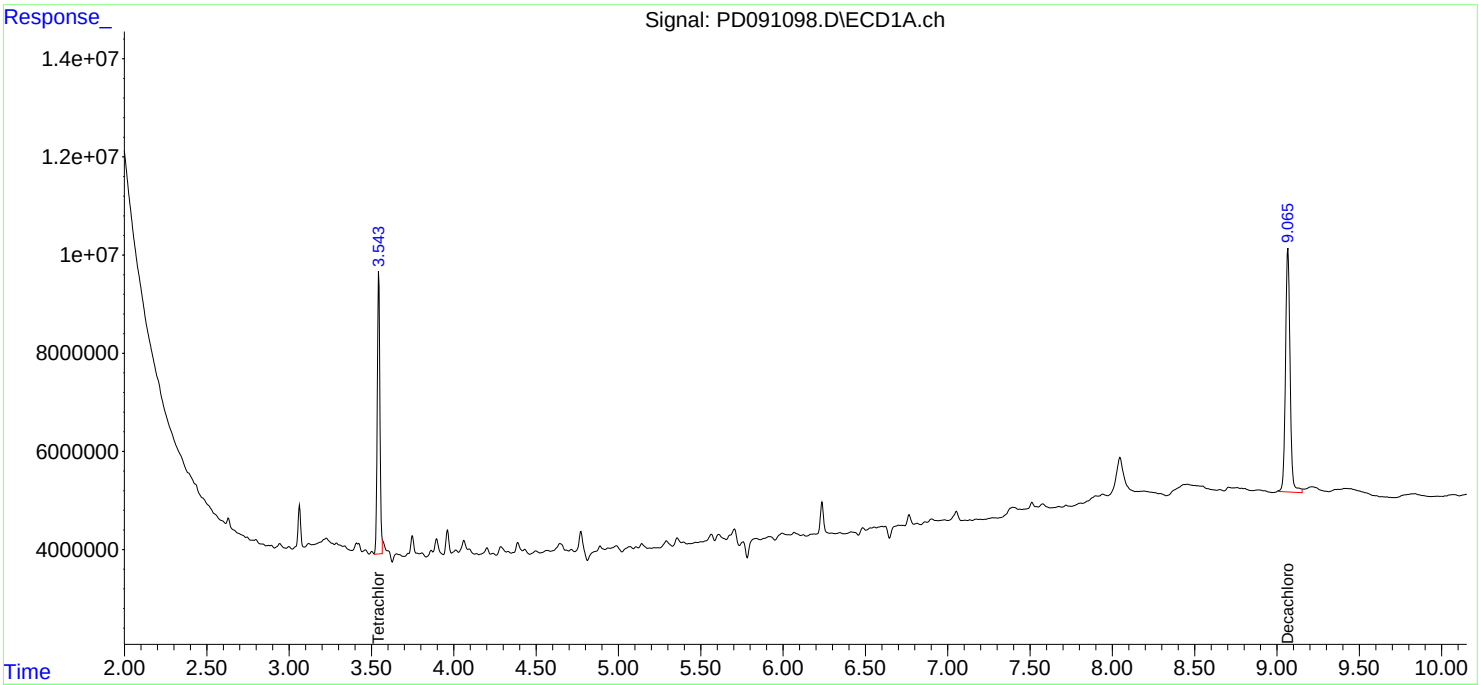
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 12:55
Operator : AR\AJ
Sample : Q3584-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

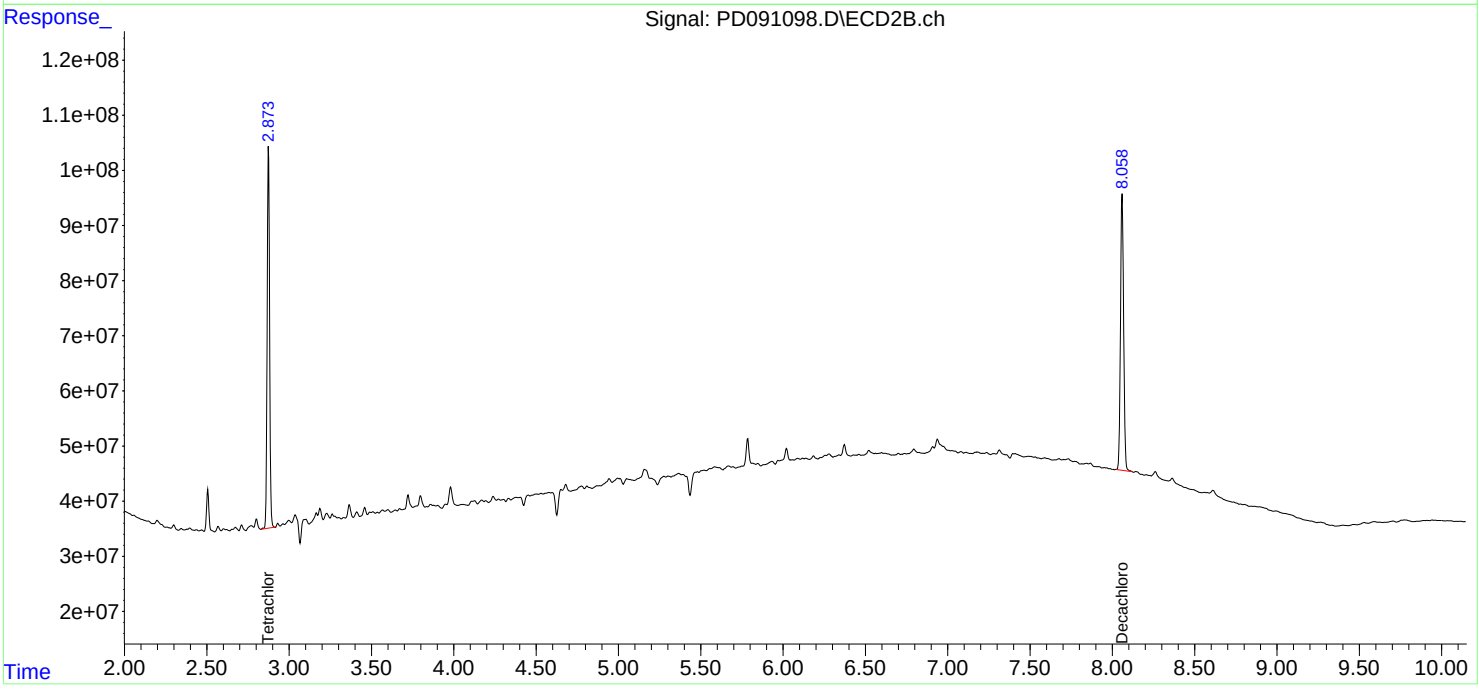
Instrument :
ECD_D
ClientSampleId :
SW-2

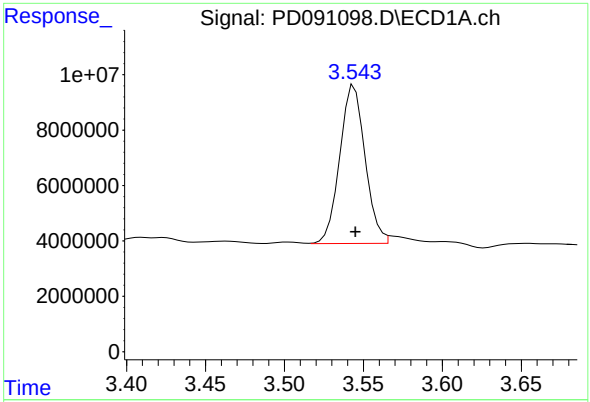
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:12:41 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







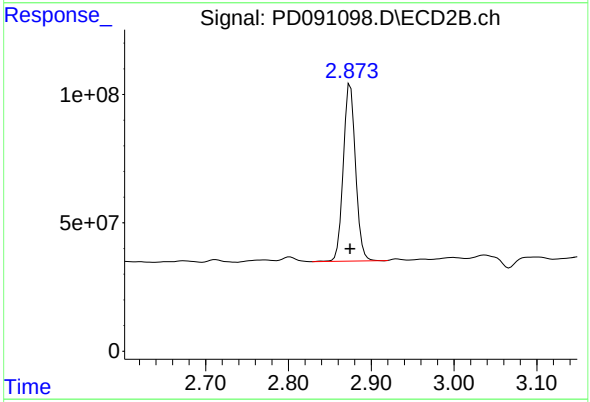
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 64672904
Conc: 20.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-2

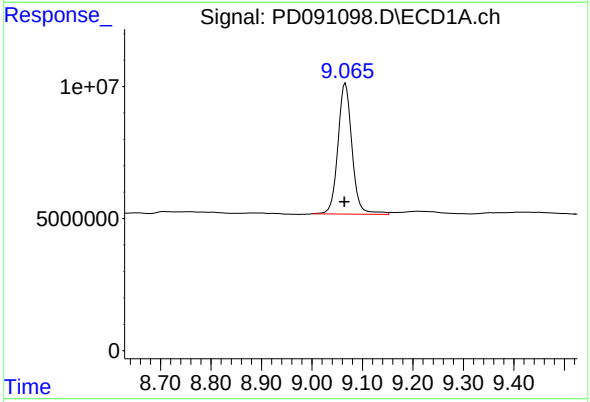
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



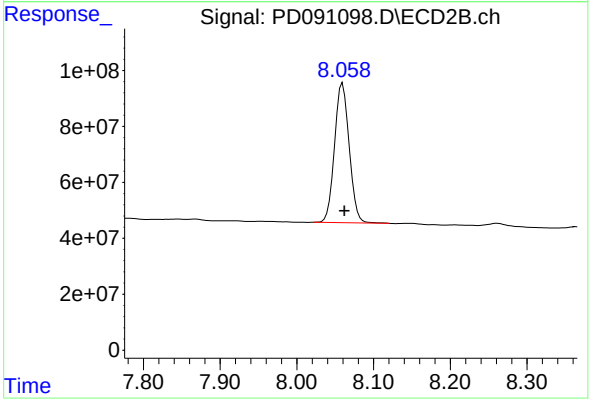
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 707088910
Conc: 23.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 96119766
Conc: 20.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 662825250
Conc: 21.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:22
Operator : AR\AJ
Sample : Q3584-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SW-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	65451424	723.6E6	21.017m	24.302
28)	SA Decachlor...	9.066	8.060	90836664	640.0E6	19.418	21.129
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:22
Operator : AR\AJ
Sample : Q3584-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

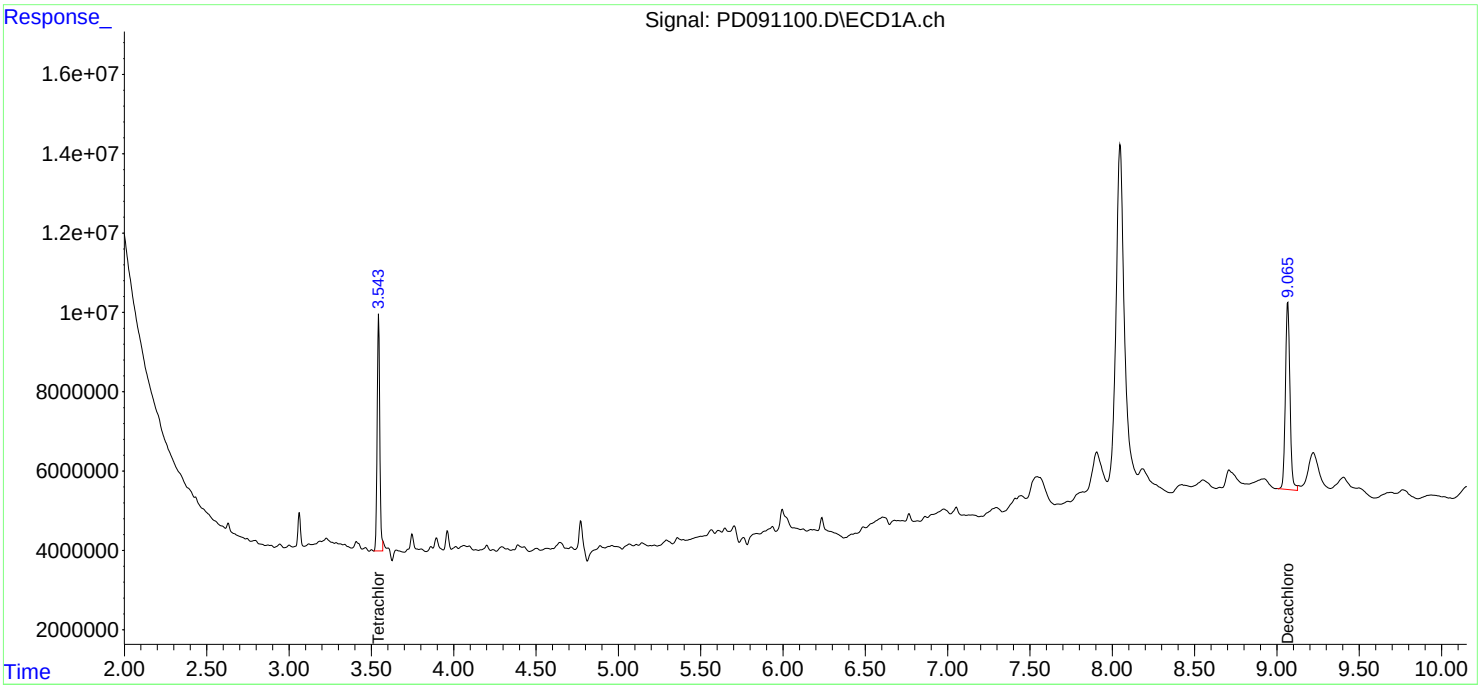
Instrument :
ECD_D
ClientSampleId :
SW-3

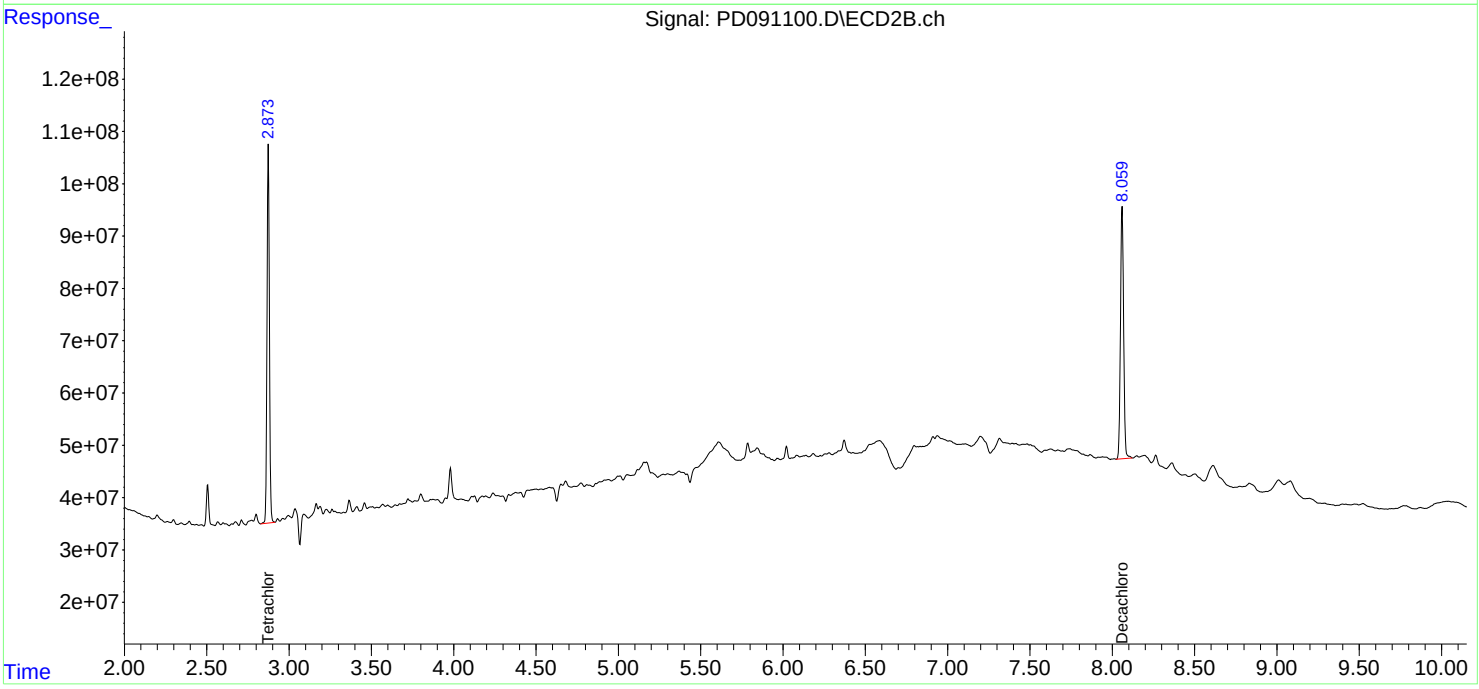
Manual Integrations APPROVED

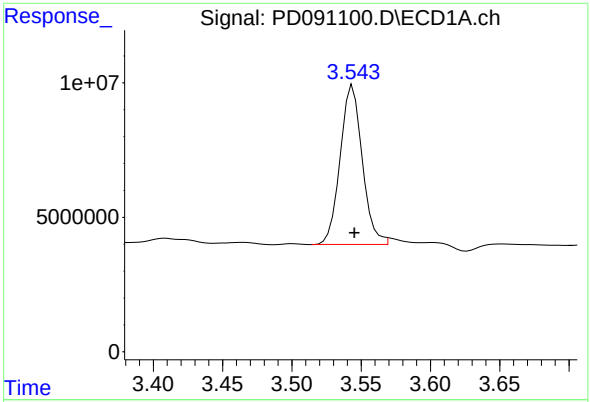
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 14:13:11 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







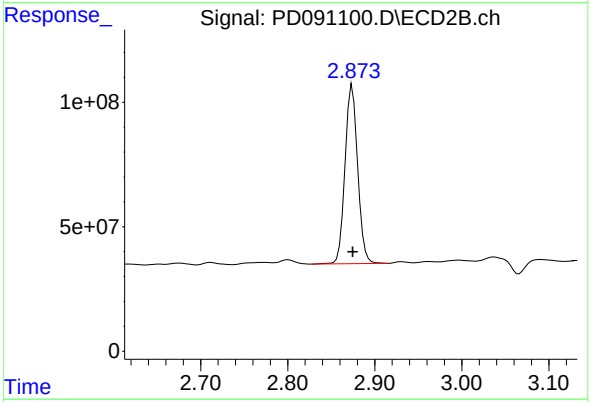
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 65451424
Conc: 21.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-3

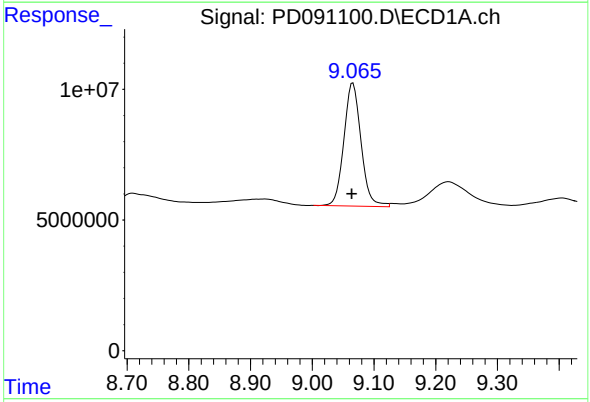
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



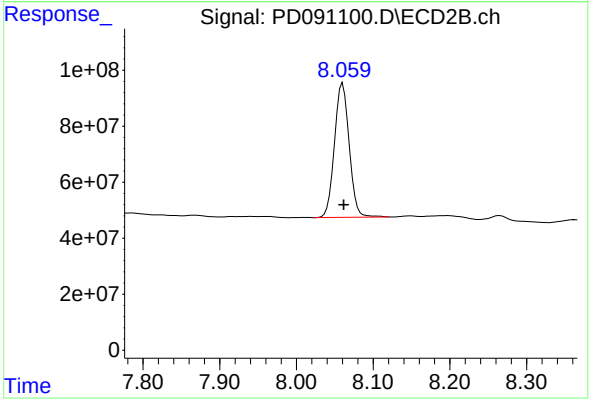
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 723646374
Conc: 24.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 90836664
Conc: 19.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 640027420
Conc: 21.13 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:50
Operator : AR\AJ
Sample : Q3584-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:11 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	63350812	679.5E6	20.343	22.819
28)	SA Decachlor...	9.066	8.060	67251662	456.7E6	14.376	15.076
	Target Compounds						
14)	MA Endrin	6.577	5.788	921440	16681405	0.186	0.412 #

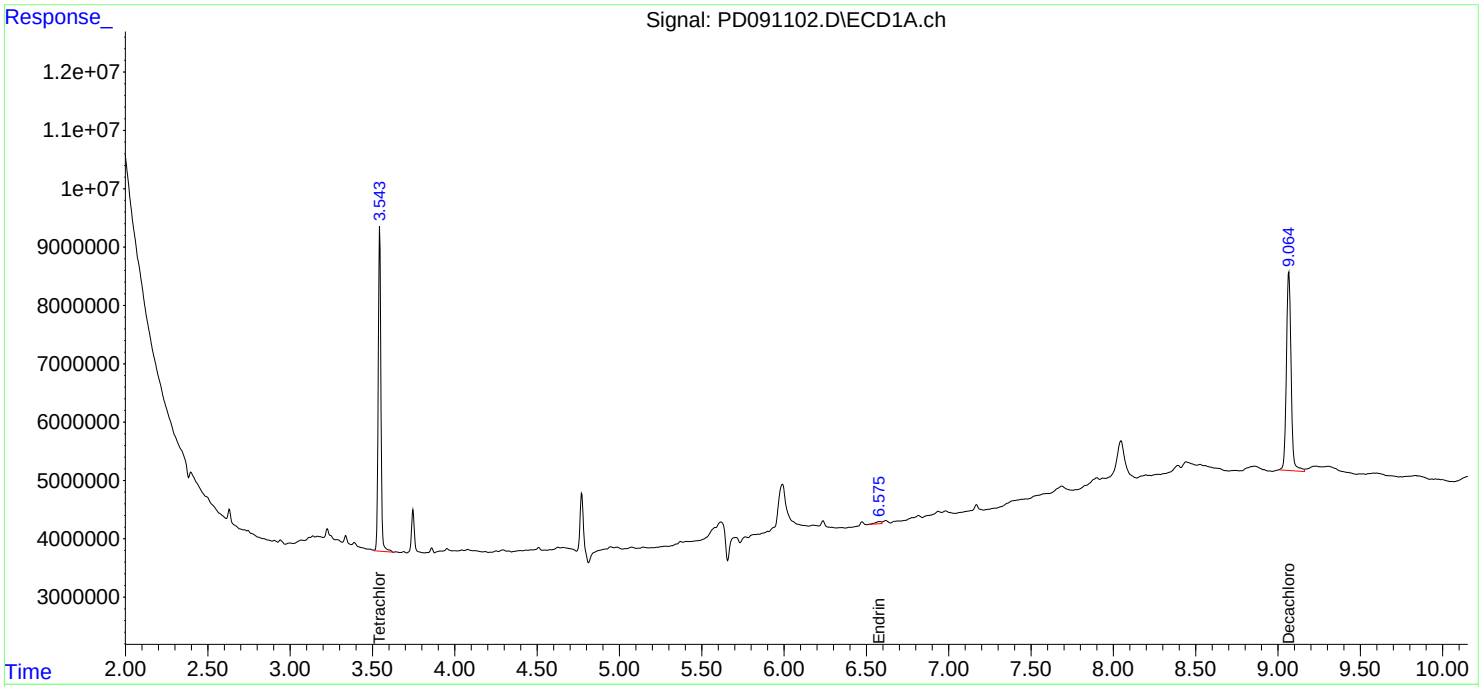
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

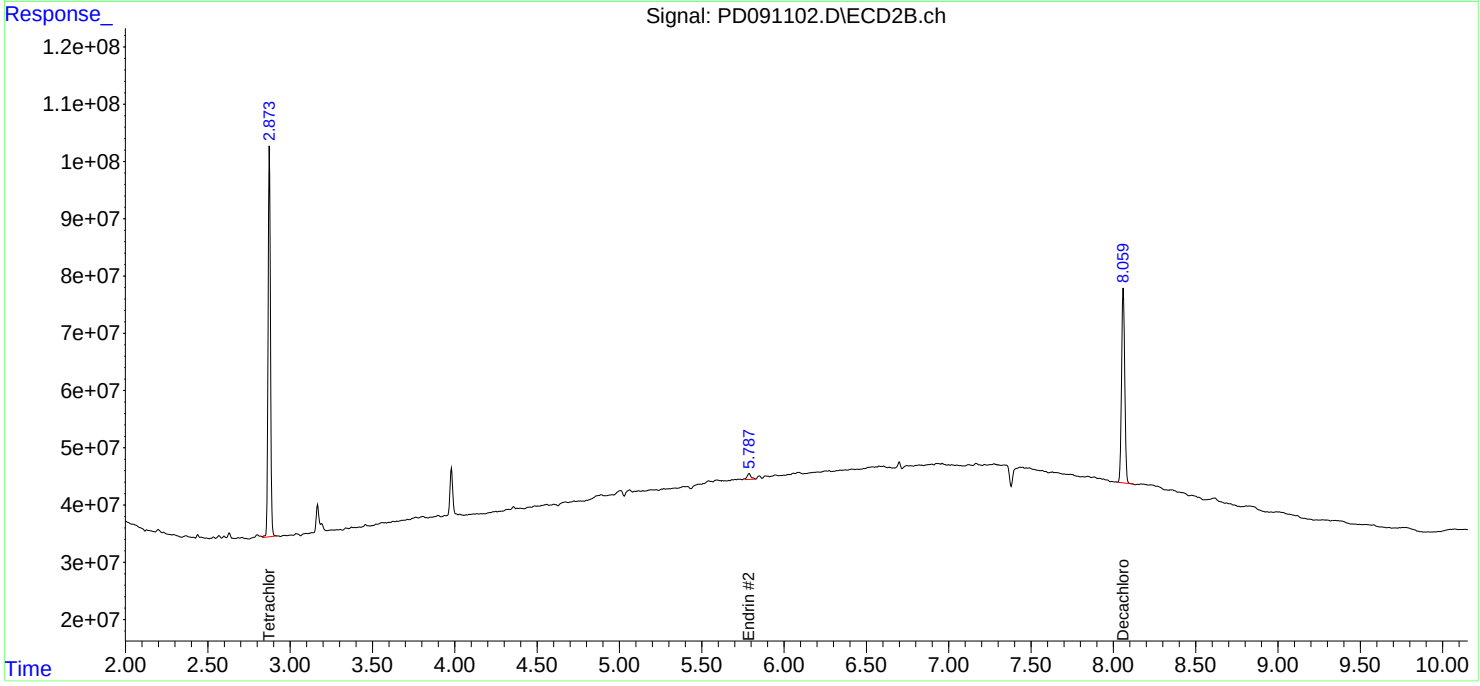
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 13:50
Operator : AR\AJ
Sample : Q3584-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

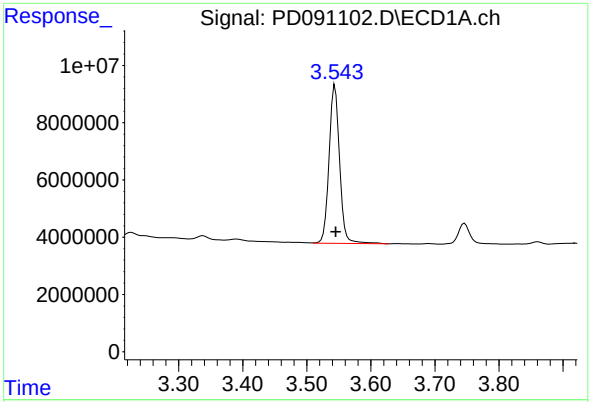
Instrument :
ECD_D
ClientSampleId :
EB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



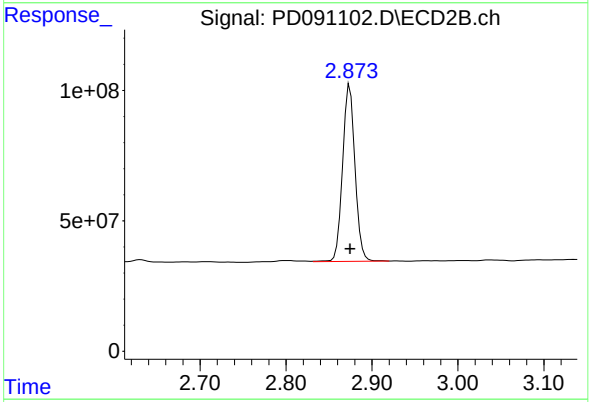




#1 Tetrachloro-m-xylene

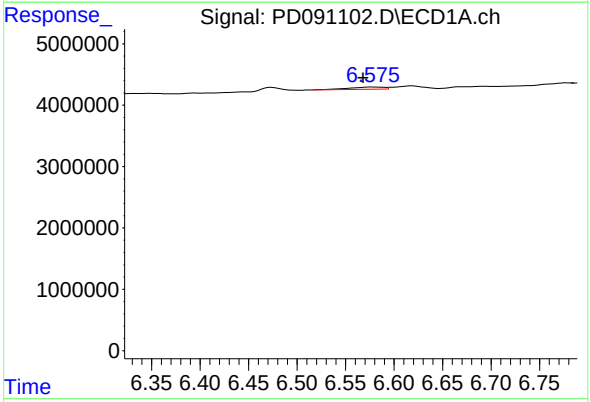
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 63350812
Conc: 20.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-2



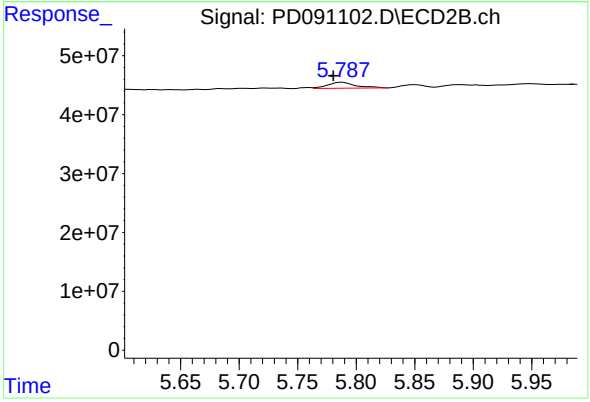
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 679489274
Conc: 22.82 ng/ml



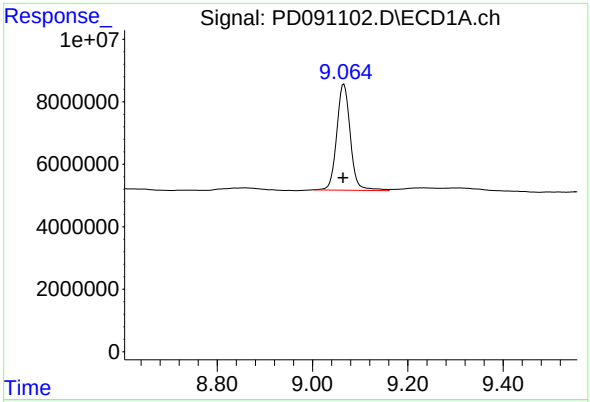
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.009 min
Response: 921440
Conc: 0.19 ng/ml



#14 Endrin

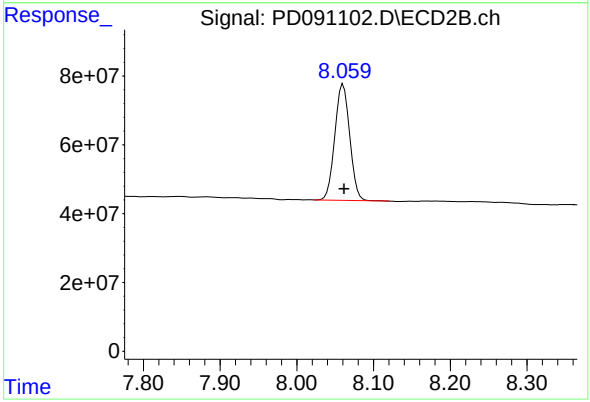
R.T.: 5.788 min
Delta R.T.: 0.008 min
Response: 16681405
Conc: 0.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 67251662
Conc: 14.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-2



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 456667436
Conc: 15.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:03
Operator : AR\AJ
Sample : Q3584-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.875	62921499	670.3E6	20.205	22.510
28)	SA Decachlor...	9.067	8.060	79646283	615.2E6	17.026	20.308
	Target Compounds						

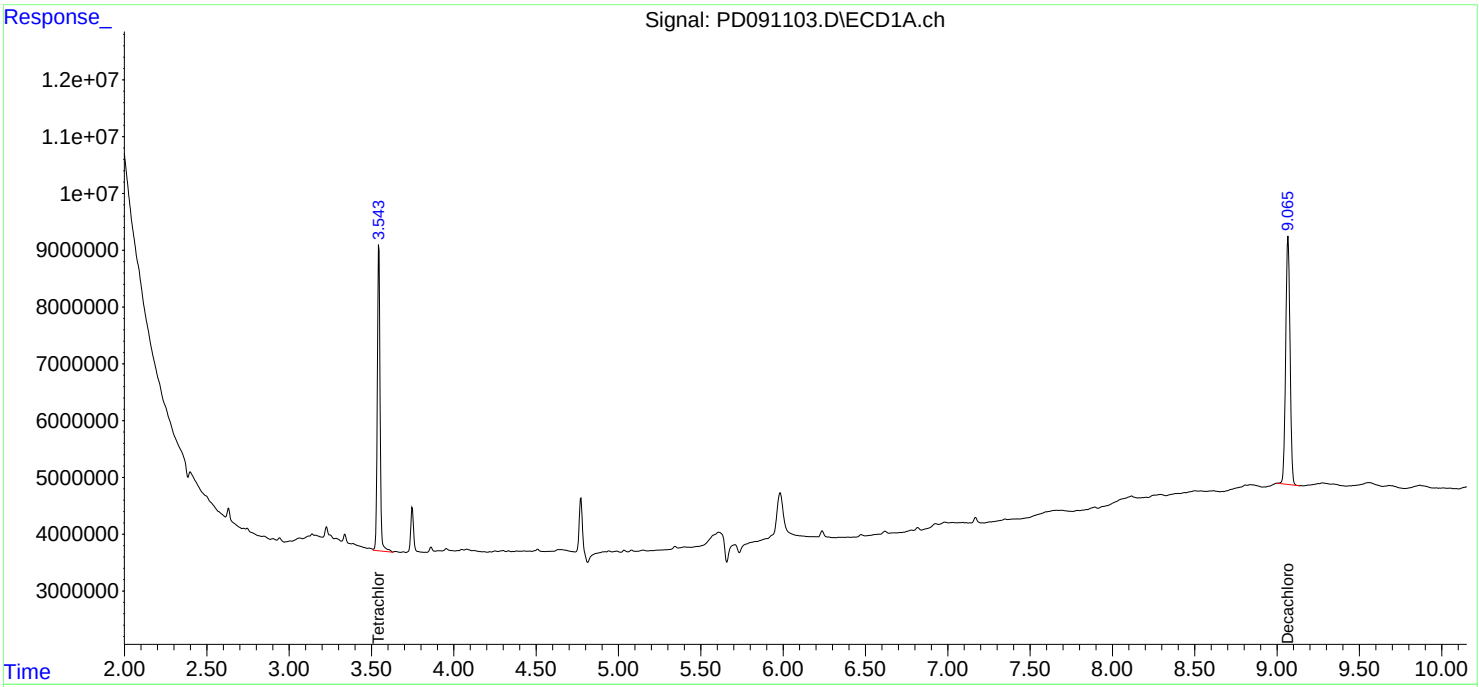
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

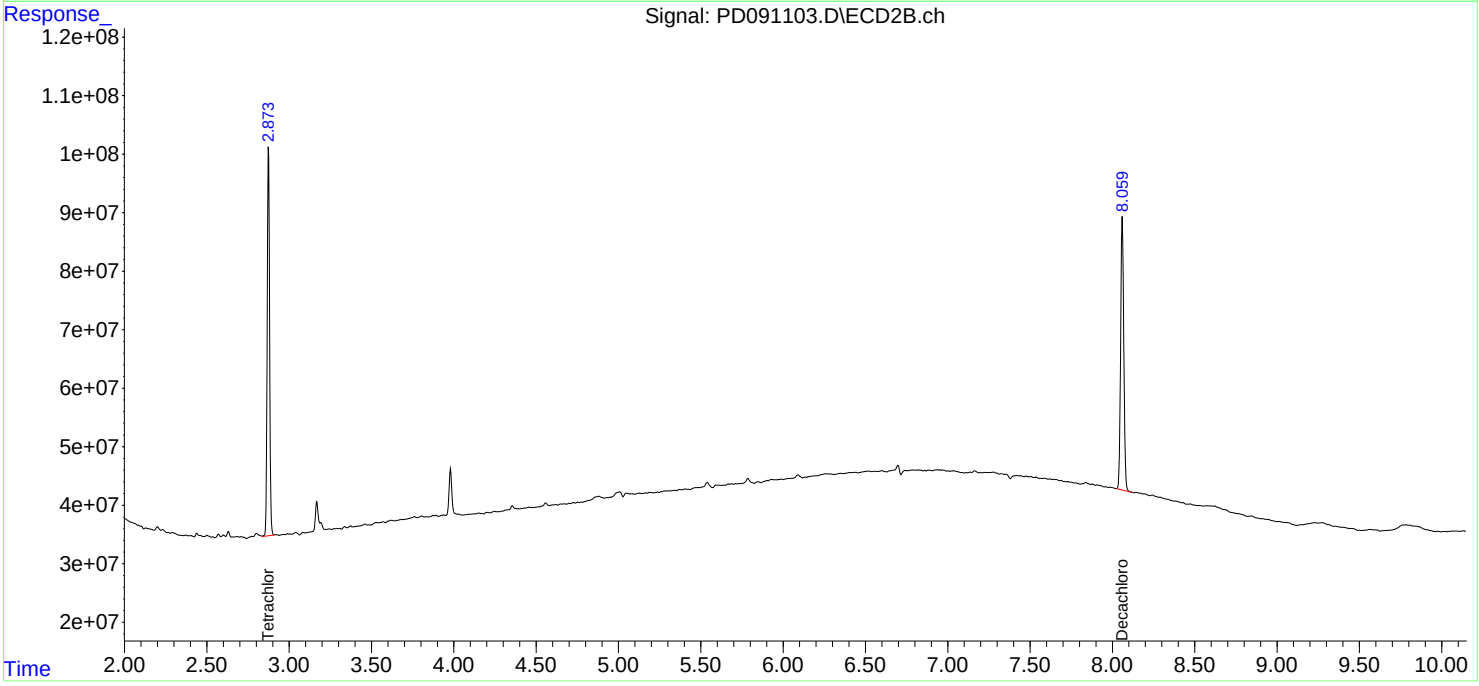
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 14:03
Operator : AR\AJ
Sample : Q3584-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

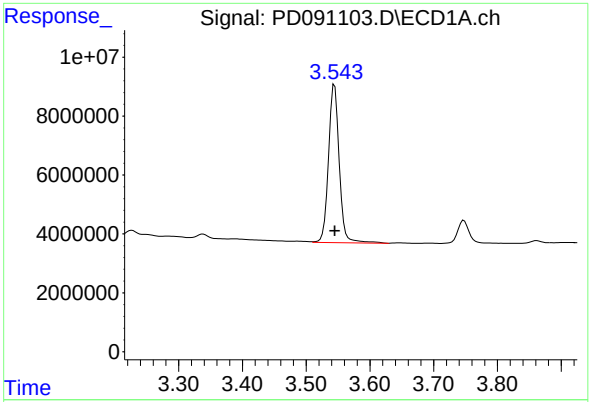
Instrument :
ECD_D
ClientSampleId :
FB-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:22:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



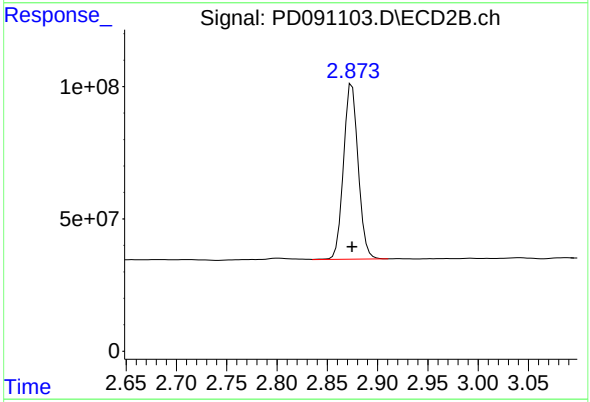




#1 Tetrachloro-m-xylene

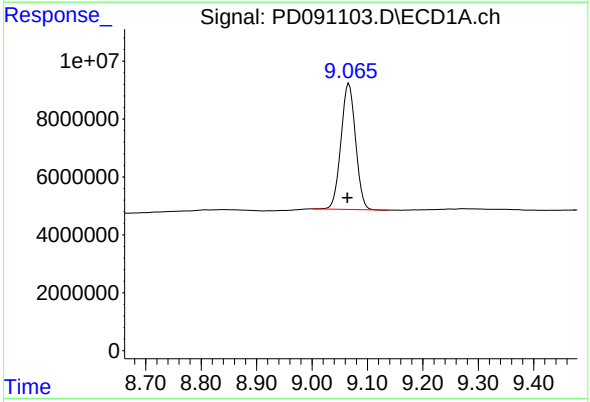
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 62921499
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
FB-2



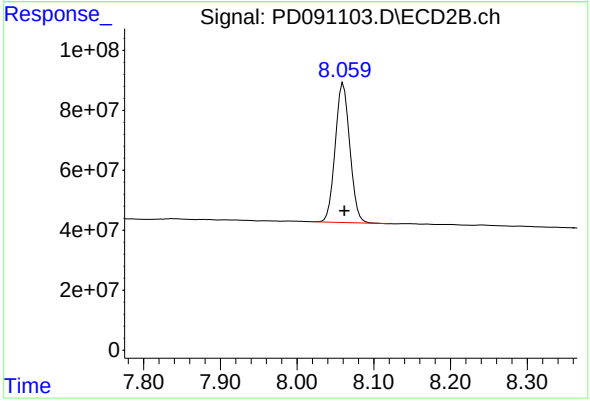
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 670289234
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 79646283
Conc: 17.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 615152813
Conc: 20.31 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 19:18
Operator : AR\AJ
Sample : Q3584-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:32:32 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...	3.543	2.873	36279374	390.6E6	11.650m	13.116m
28)	SA Decachlor...	9.065	8.059	44108038	230.5E6	9.429m	7.611
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

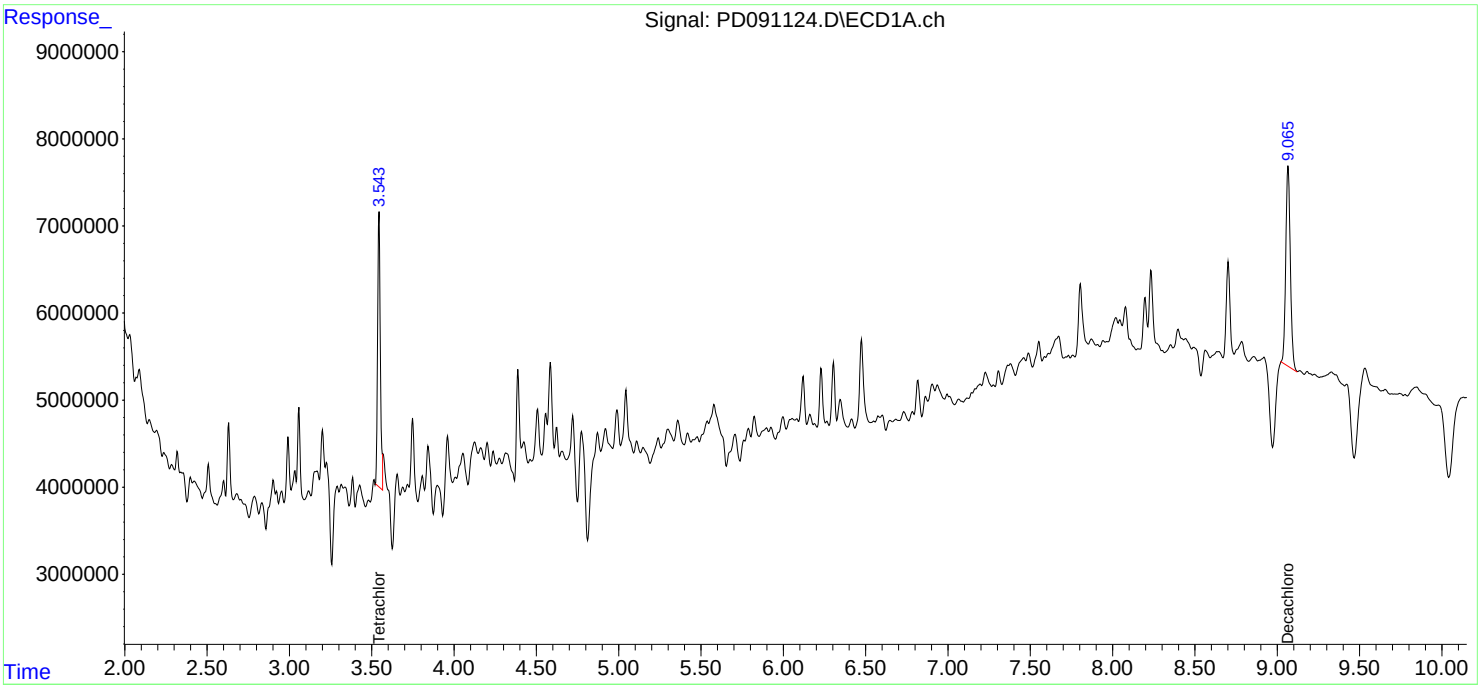
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 19:18
Operator : AR\AJ
Sample : Q3584-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

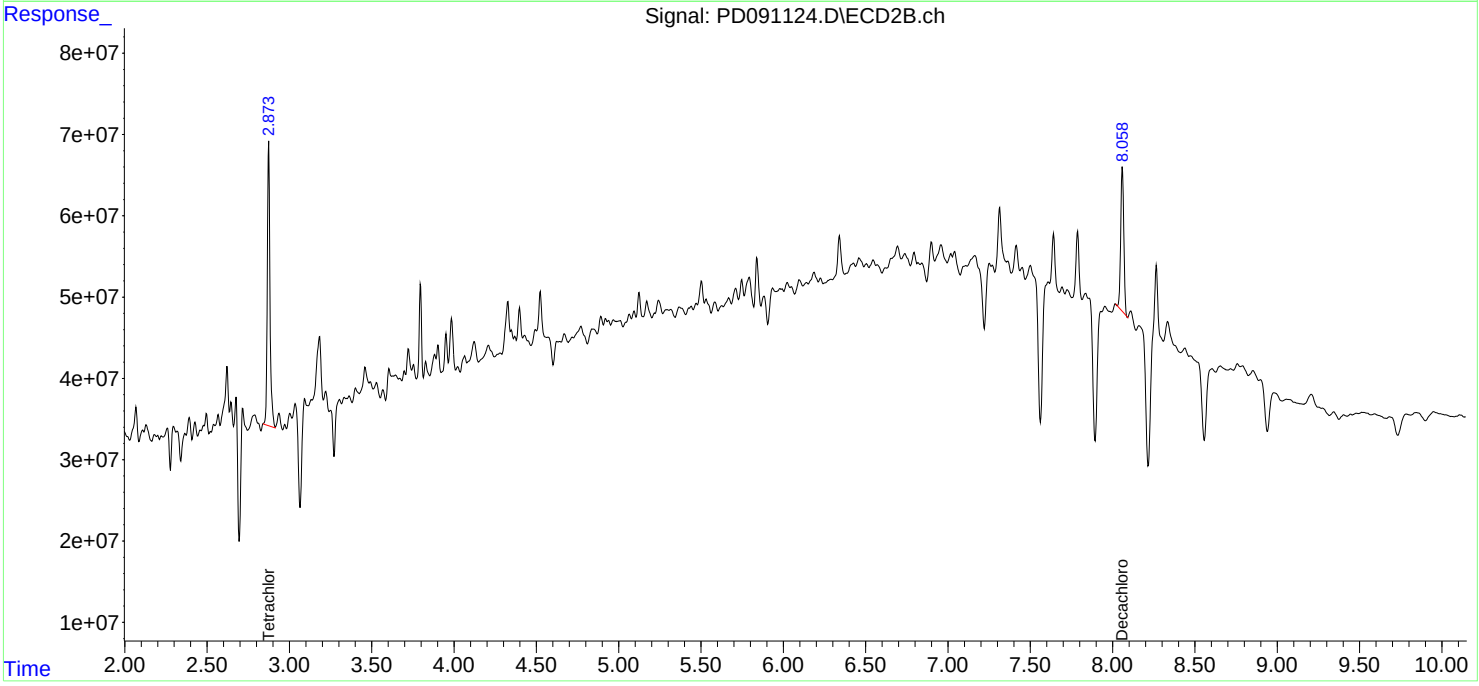
Instrument :
ECD_D
ClientSampleId :
SEEP-1

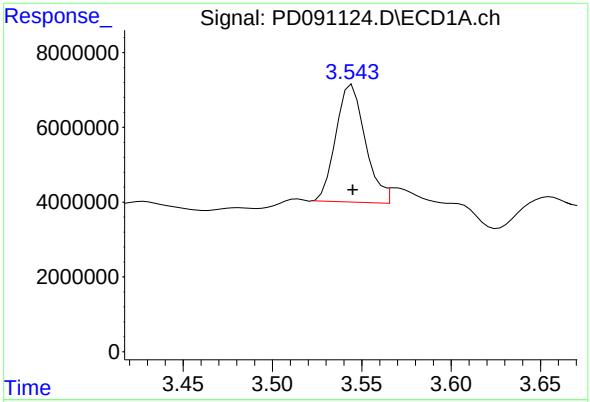
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:32:32 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







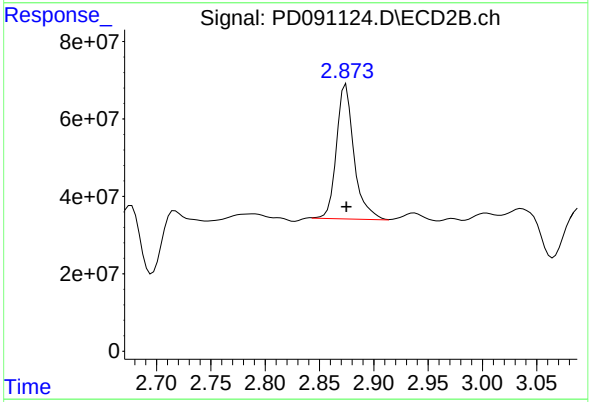
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 36279374
Conc: 11.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SEEP-1

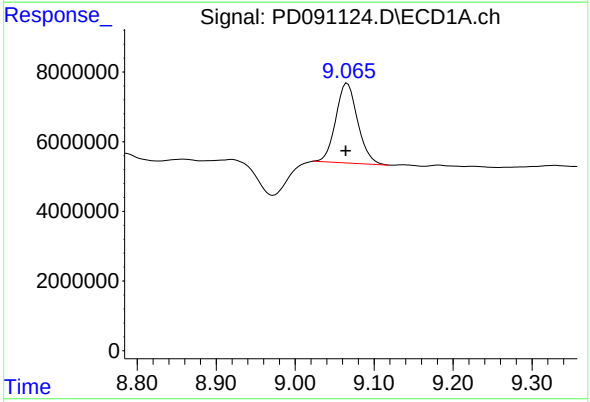
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



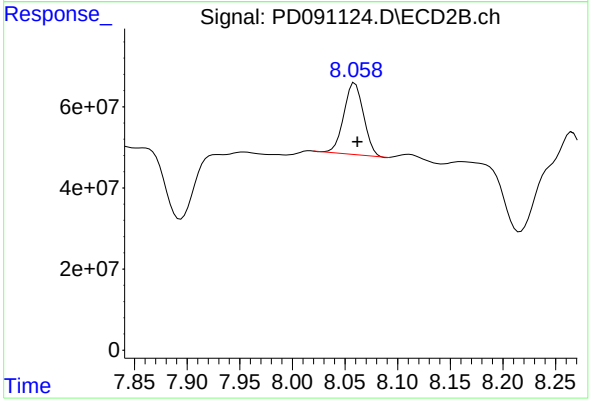
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 390551042
Conc: 13.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 44108038
Conc: 9.43 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 230536544
Conc: 7.61 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 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	63699704	702.3E6	20.455	23.587
28)	SA Decachlor...	9.065	8.060	96809267	777.0E6	20.695	25.652
	Target Compounds						

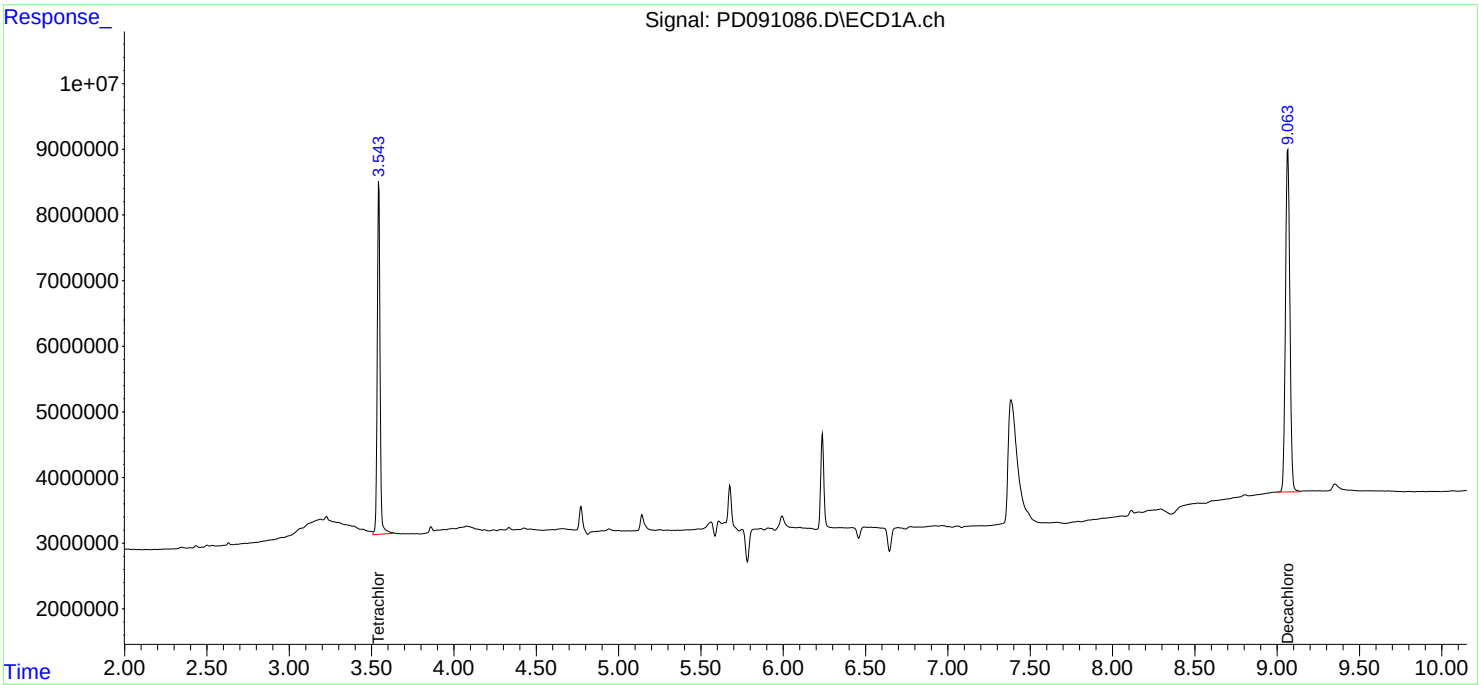
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

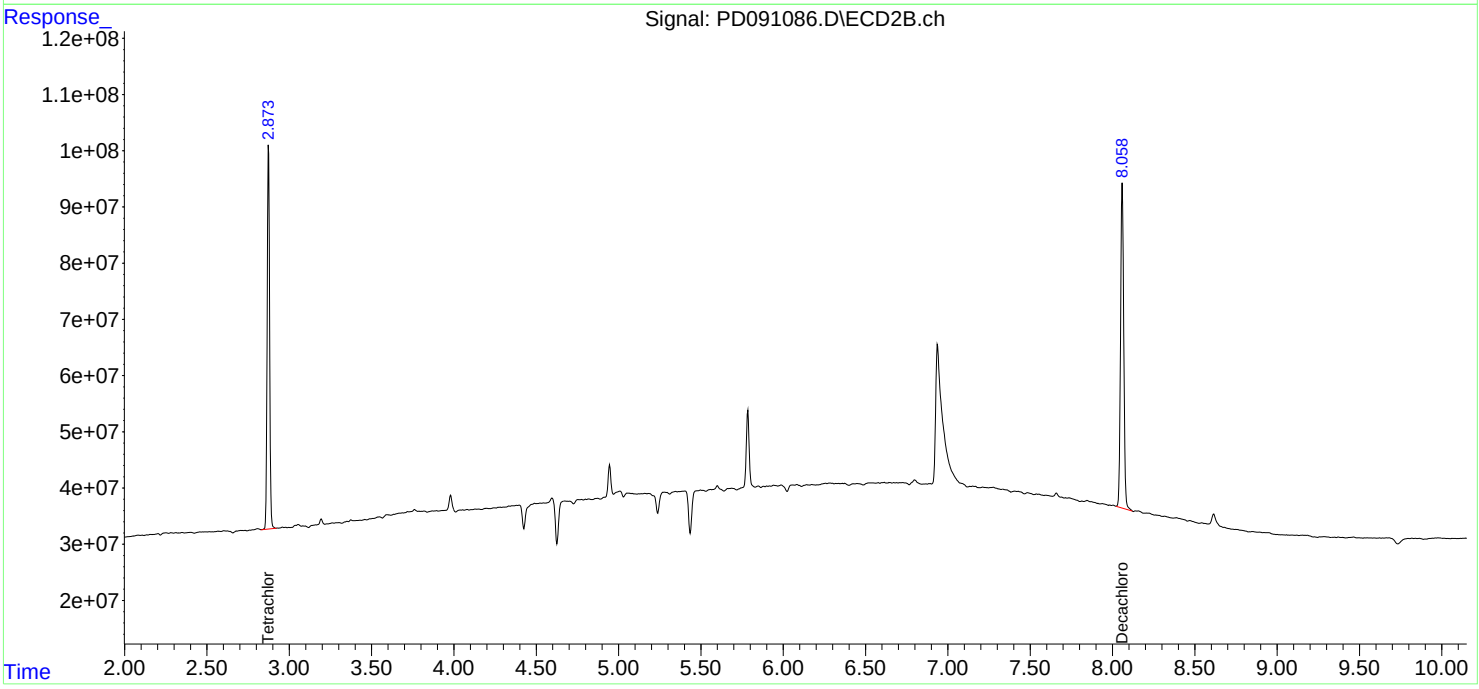
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:11
Operator : AR\AJ
Sample : PB170485BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

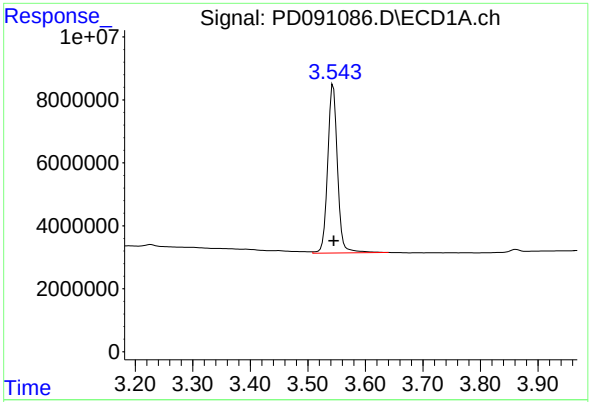
Instrument :
ECD_D
ClientSampleId :
PB170485BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm



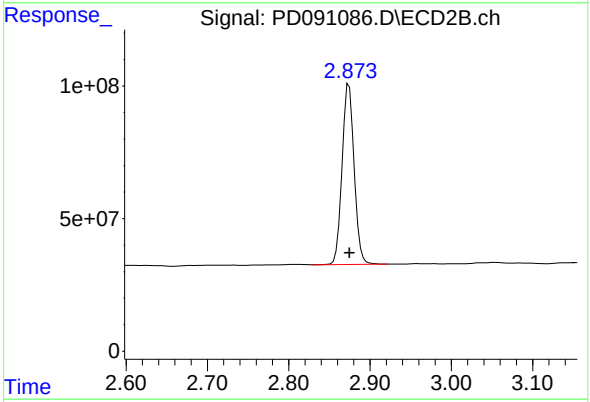




#1 Tetrachloro-m-xylene

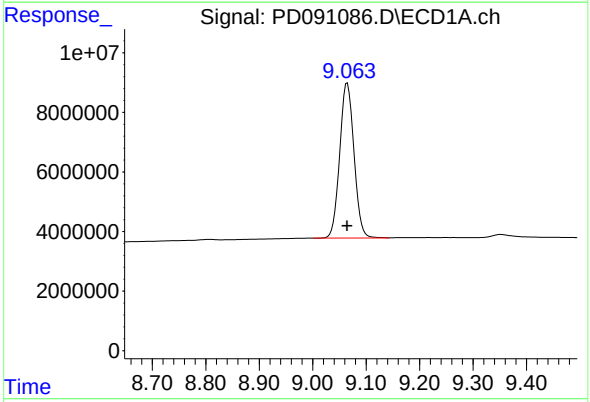
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 63699704
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BL



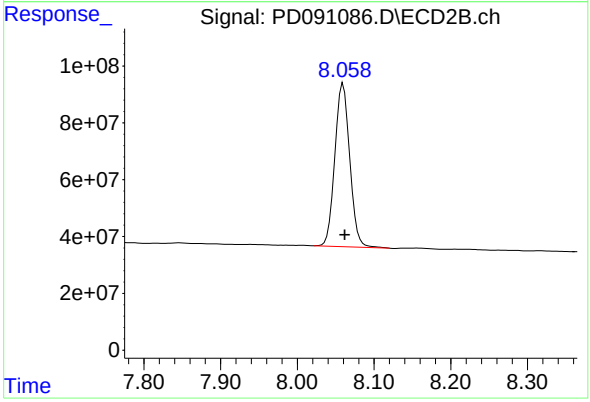
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 702340415
Conc: 23.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 96809267
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 777038410
Conc: 25.65 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:44:42 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	63979010	712.3E6	20.545	23.922
28)	SA Decachlor...	9.066	8.061	100.0E6	800.9E6	21.382	26.440
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	339.3E6	2726.7E6	47.279	53.364
3)	MA gamma-BHC...	4.324	3.722	318.5E6	2511.2E6	46.848	53.148
4)	MA Heptachlor	4.922	4.074	317.5E6	2443.0E6	56.798	54.773
5)	MB Aldrin	5.264	4.359	309.7E6	2454.0E6	47.295	52.980
6)	B beta-BHC	4.512	4.018	119.9E6	1036.2E6	45.761	52.257
7)	B delta-BHC	4.760	4.254	321.8E6	2524.4E6	47.588	52.904
8)	B Heptachlo...	5.684	4.862	281.5E6	2219.3E6	48.632	52.049
9)	A Endosulfan I	6.068	5.237	264.0E6	2078.9E6	47.677	52.777
10)	B gamma-Chl...	5.939	5.115	278.0E6	2386.9E6	46.870	53.102
11)	B alpha-Chl...	6.020	5.180	296.8E6	2284.4E6	48.031	52.956
12)	B 4,4'-DDE	6.189	5.365	248.5E6	2342.3E6	46.656	53.431
13)	MA Dieldrin	6.340	5.503	279.8E6	2382.0E6	47.984	53.912
14)	MA Endrin	6.568	5.779	217.4E6	2029.8E6	43.889	50.127
15)	B Endosulfa...	6.781	6.071	239.6E6	2047.8E6	47.917	54.527
16)	A 4,4'-DDD	6.700	5.919	207.8E6	2076.9E6	51.262	56.999
17)	MA 4,4'-DDT	7.016	6.172	194.7E6	1881.4E6	47.379	53.642
18)	B Endrin al...	6.910	6.248	180.7E6	1554.4E6	49.338	56.129
19)	B Endosulfa...	7.144	6.472	220.4E6	1963.3E6	47.511	54.772
20)	A Methoxychlor	7.488	6.743	102.0E6	940.0E6	47.984	53.936
21)	B Endrin ke...	7.625	6.980	243.2E6	2322.0E6	50.045	61.562m
22)	Mirex	8.107	7.174	147.9E6	1393.4E6	46.221	54.238

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD091087.D**

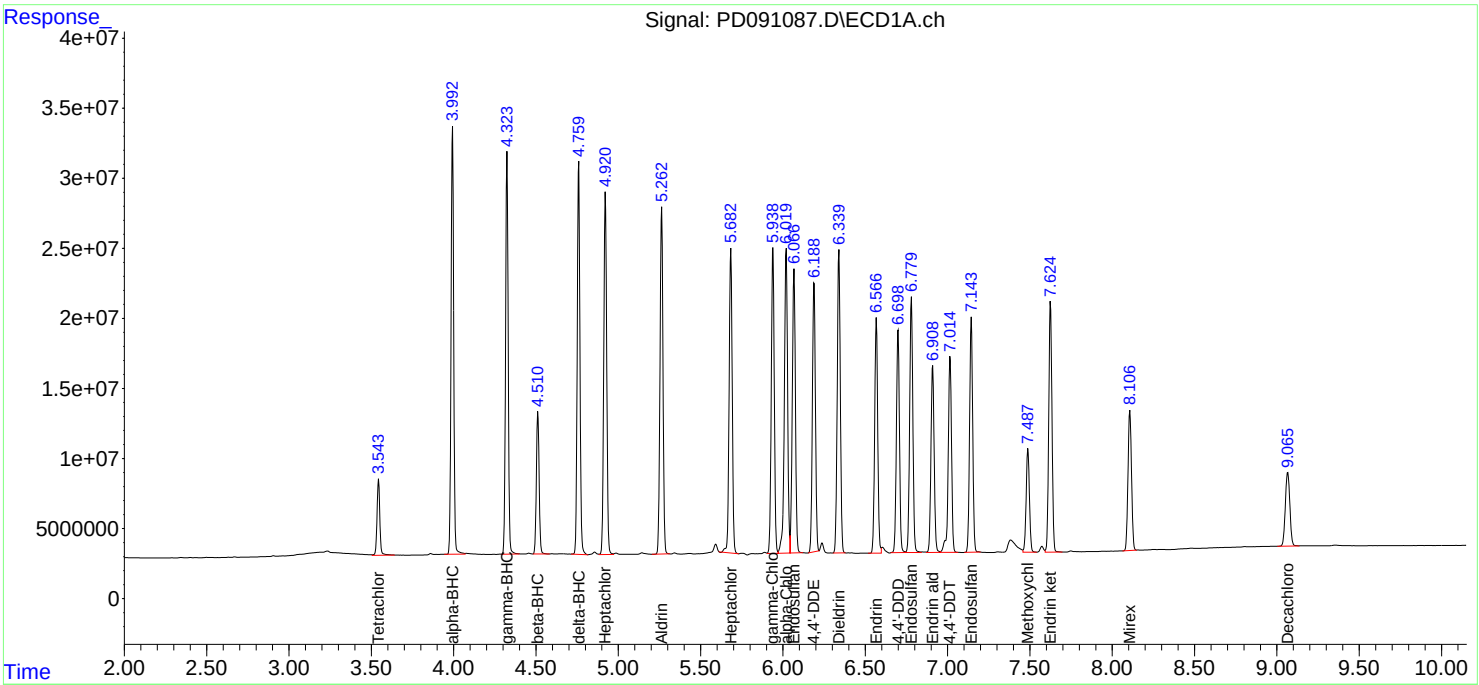
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

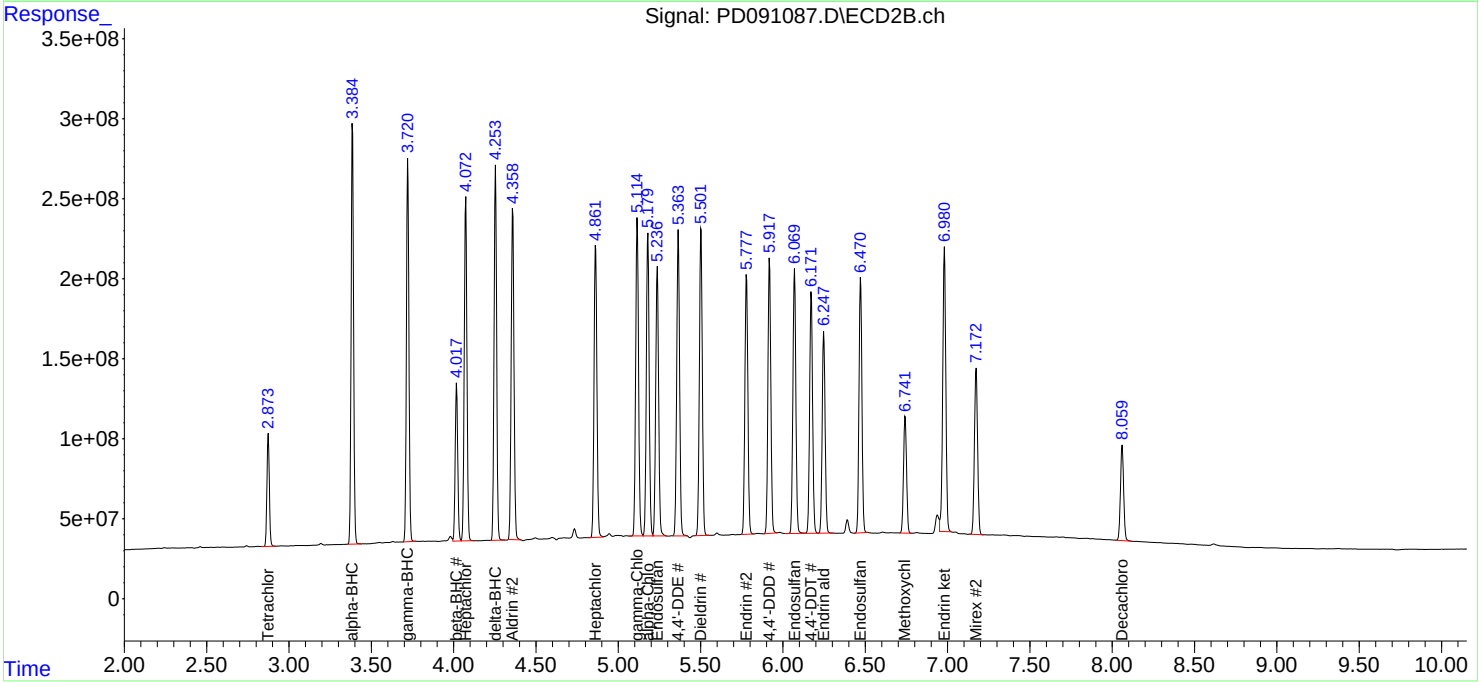
Instrument :
ECD_D
ClientSampleId :
PB170485BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:44:42 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\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170485BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 12:00:20 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	61905958	686.3E6	19.879	23.048
28)	SA Decachlor...	9.064	8.060	81677694	627.4E6	17.460m	20.711
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	334.3E6	2609.8E6	46.585	51.076
3)	MA gamma-BHC...	4.324	3.721	312.5E6	2398.8E6	45.971	50.770
4)	MA Heptachlor	4.922	4.073	305.5E6	2306.0E6	54.659	51.701
5)	MB Aldrin	5.263	4.359	294.9E6	2313.3E6	45.046	49.942
6)	B beta-BHC	4.512	4.018	116.6E6	982.1E6	44.503	49.525
7)	B delta-BHC	4.760	4.254	312.2E6	2394.7E6	46.166	50.185
8)	B Heptachlo...	5.684	4.863	261.0E6	2031.7E6	45.090	47.649
9)	A Endosulfan I	6.068	5.237	247.0E6	1902.0E6	44.604	48.286
10)	B gamma-Chl...	5.939	5.115	266.0E6	2185.0E6	44.849	48.611
11)	B alpha-Chl...	6.020	5.180	266.5E6	2088.8E6	43.127	48.421
12)	B 4,4'-DDE	6.189	5.364	230.9E6	2123.3E6	43.352	48.435
13)	MA Dieldrin	6.341	5.503	248.9E6	2105.6E6	42.675	47.654
14)	MA Endrin	6.568	5.780	204.8E6	1843.3E6	41.344	45.520
15)	B Endosulfa...	6.781	6.071	219.4E6	1819.8E6	43.877	48.457
16)	A 4,4'-DDD	6.700	5.919	192.5E6	1812.2E6	47.486	49.735
17)	MA 4,4'-DDT	7.016	6.173	184.8E6	1636.1E6	44.968	46.647
18)	B Endrin al...	6.910	6.249	167.0E6	1331.0E6	45.584	48.063
19)	B Endosulfa...	7.144	6.472	203.6E6	1661.2E6	43.905	46.343
20)	A Methoxychlor	7.487	6.743	93716063	791.5E6	44.090m	45.419
21)	B Endrin ke...	7.625	6.982	225.8E6	1838.9E6	46.465	48.754
22)	Mirex	8.106	7.174	144.7E6	1162.5E6	45.197m	45.250

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD091093.D**

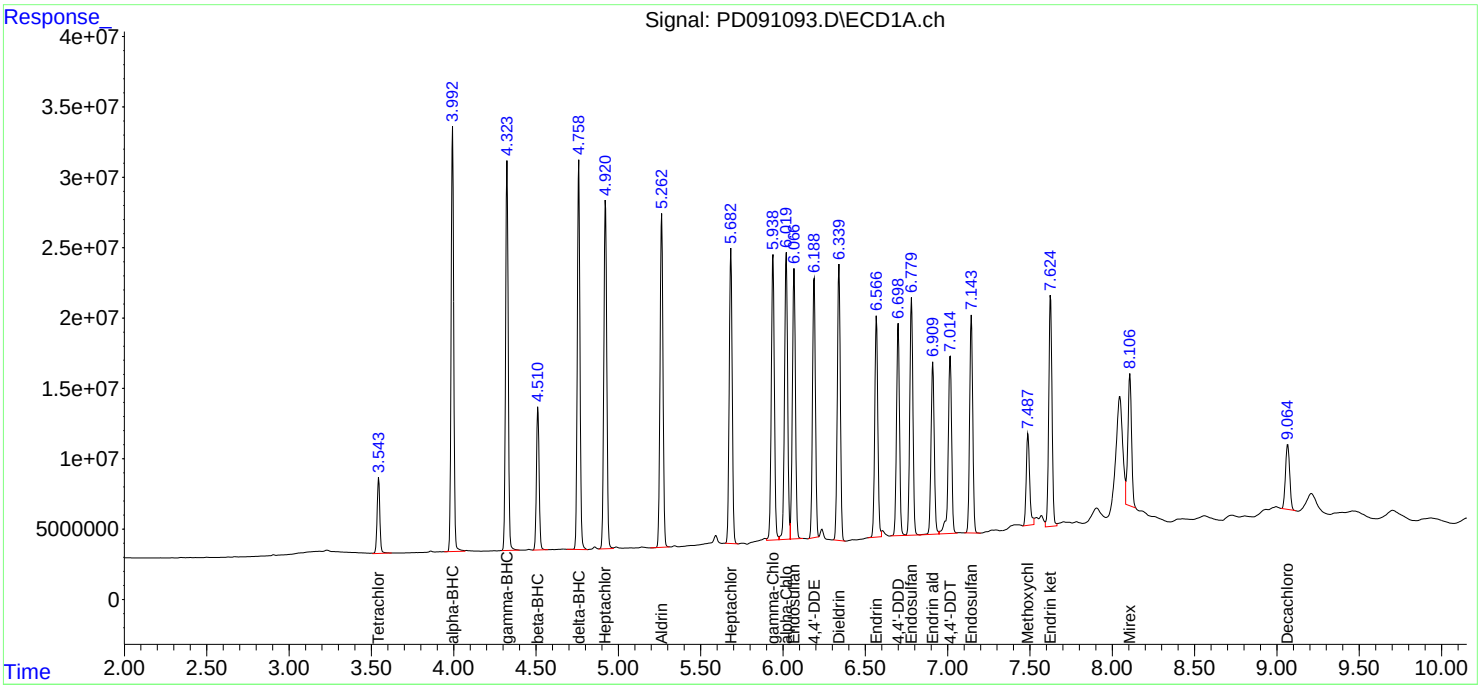
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 11:47
Operator : AR\AJ
Sample : PB170485BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

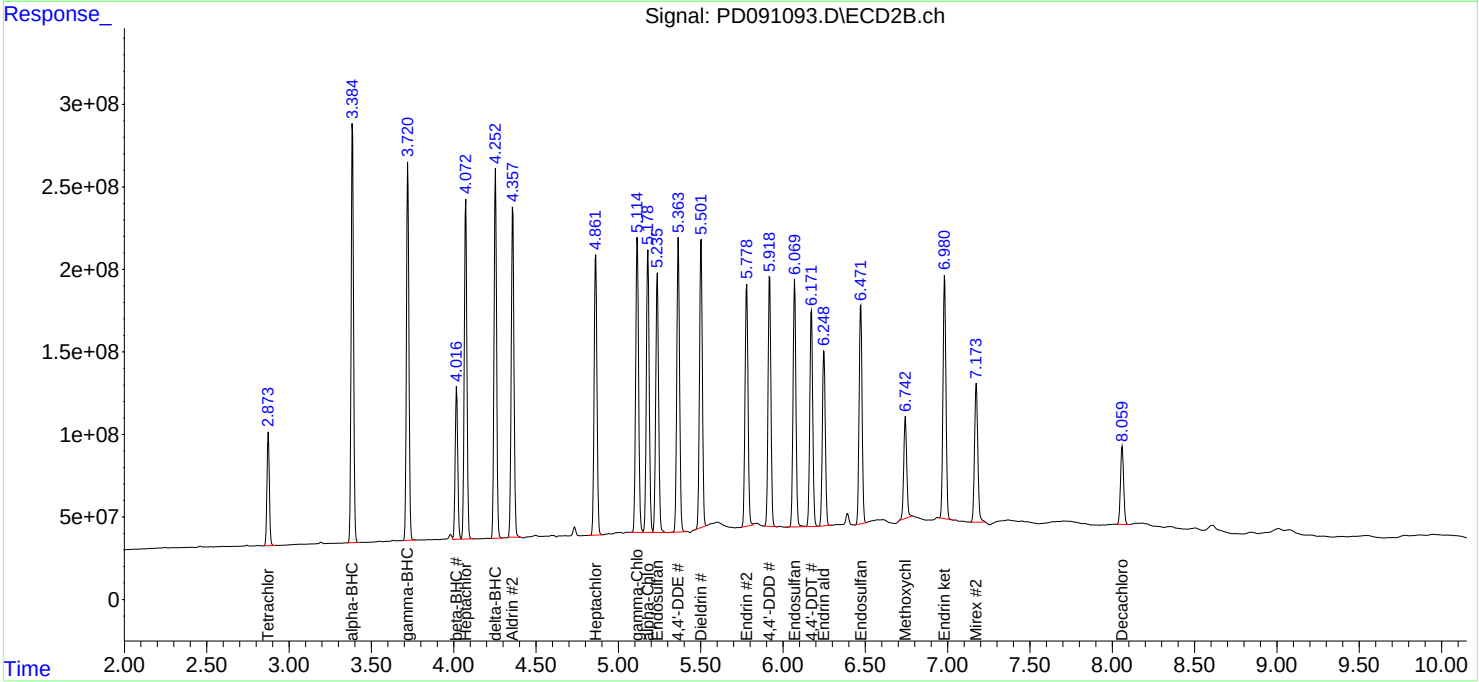
Instrument :
ECD_D
ClientSampleId :
PB170485BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 12:00:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





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

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

Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170485BS	PD091087.D	Endrin ketone #2	rahul	11/13/2025 11:01:32 AM	yogesh	11/13/2025 1:17:40	Peak Integrated by Software
PB170485BSD	PD091093.D	Decachlorobiphenyl	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Methoxychlor	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
PB170485BSD	PD091093.D	Mirex	rahul	11/13/2025 11:01:43 AM	yogesh	11/13/2025 1:17:45	Peak Integrated by Software
Q3584-01	PD091096.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:31 PM	Sohil	11/14/2025 4:16:30	Peak Integrated by Software
Q3584-02	PD091098.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:35 PM	Sohil	11/14/2025 4:16:35	Peak Integrated by Software
Q3584-03	PD091100.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:09:38 PM	Sohil	11/14/2025 4:16:40	Peak Integrated by Software
PEM	PD091105.D	4,4"-DDE	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software
PEM	PD091105.D	Endrin aldehyde #2	rahul	11/13/2025 2:09:41 PM	Sohil	11/14/2025 4:16:44	Peak Integrated by Software
Q3584-07	PD091124.D	Decachlorobiphenyl	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software
Q3584-07	PD091124.D	Tetrachloro-m-xylene	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software
Q3584-07	PD091124.D	Tetrachloro-m-xylene #2	rahul	11/13/2025 2:10:23 PM	Sohil	11/14/2025 4:17:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD111225	Instrument	ECD_d

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: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	PD091080.D	12 Nov 2025 08:48	AR\AJ	Ok
2	I.BLK	PD091081.D	12 Nov 2025 09:01	AR\AJ	Ok
3	PEM	PD091082.D	12 Nov 2025 09:15	AR\AJ	Ok
4	PSTDCCC050	PD091083.D	12 Nov 2025 09:28	AR\AJ	Ok
5	PB170476BL	PD091084.D	12 Nov 2025 09:44	AR\AJ	Ok
6	PB170476BS	PD091085.D	12 Nov 2025 09:57	AR\AJ	Ok,M
7	PB170485BL	PD091086.D	12 Nov 2025 10:11	AR\AJ	Ok
8	PB170485BS	PD091087.D	12 Nov 2025 10:25	AR\AJ	Ok,M
9	PB1701485BSD	PD091088.D	12 Nov 2025 10:38	AR\AJ	Not Ok
10	Q3593-04	PD091089.D	12 Nov 2025 10:52	AR\AJ	Ok
11	Q3593-06	PD091090.D	12 Nov 2025 11:06	AR\AJ	Ok
12	Q3593-08	PD091091.D	12 Nov 2025 11:19	AR\AJ	Ok
13	Q3593-10	PD091092.D	12 Nov 2025 11:33	AR\AJ	Not Ok
14	PB170485BSD	PD091093.D	12 Nov 2025 11:47	AR\AJ	Ok,M
15	Q3569-01	PD091094.D	12 Nov 2025 12:00	AR\AJ	Ok,M
16	Q3569-02	PD091095.D	12 Nov 2025 12:14	AR\AJ	Ok
17	Q3584-01	PD091096.D	12 Nov 2025 12:28	AR\AJ	Ok,M
18	Q3593-10DL	PD091097.D	12 Nov 2025 12:42	AR\AJ	Not Ok
19	Q3584-02	PD091098.D	12 Nov 2025 12:55	AR\AJ	Ok,M
20	Q3593-10	PD091099.D	12 Nov 2025 13:09	AR\AJ	Dilution
21	Q3584-03	PD091100.D	12 Nov 2025 13:22	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	Q3593-10DL	PD091101.D	12 Nov 2025 13:36	AR\AJ	Ok,M
23	Q3584-04	PD091102.D	12 Nov 2025 13:50	AR\AJ	Ok
24	Q3584-05	PD091103.D	12 Nov 2025 14:03	AR\AJ	Ok
25	I.BLK	PD091104.D	12 Nov 2025 14:17	AR\AJ	Ok
26	PEM	PD091105.D	12 Nov 2025 14:31	AR\AJ	Ok,M
27	PSTDCCC050	PD091106.D	12 Nov 2025 14:44	AR\AJ	Ok
28	PB170506BL	PD091107.D	12 Nov 2025 14:58	AR\AJ	Ok
29	PB170506BS	PD091108.D	12 Nov 2025 15:12	AR\AJ	Not Ok
30	Q3597-01	PD091109.D	12 Nov 2025 15:26	AR\AJ	Ok,M
31	Q3597-01MS	PD091110.D	12 Nov 2025 15:39	AR\AJ	Ok,M
32	Q3597-01MSD	PD091111.D	12 Nov 2025 15:53	AR\AJ	Ok,M
33	Q3597-04	PD091112.D	12 Nov 2025 16:07	AR\AJ	Ok,M
34	Q3597-07	PD091113.D	12 Nov 2025 16:20	AR\AJ	Ok,M
35	Q3597-10	PD091114.D	12 Nov 2025 16:34	AR\AJ	Ok,M
36	Q3598-01	PD091115.D	12 Nov 2025 16:47	AR\AJ	Ok,M
37	Q3600-01	PD091116.D	12 Nov 2025 17:01	AR\AJ	Ok
38	I.BLK	PD091117.D	12 Nov 2025 17:15	AR\AJ	Ok
39	PSTDCCC050	PD091118.D	12 Nov 2025 17:28	AR\AJ	Ok
40	Q3601-01	PD091119.D	12 Nov 2025 18:09	AR\AJ	Ok,M
41	Q3601-05	PD091120.D	12 Nov 2025 18:23	AR\AJ	Ok,M
42	Q3601-09	PD091121.D	12 Nov 2025 18:37	AR\AJ	Ok,M
43	Q3601-13	PD091122.D	12 Nov 2025 18:50	AR\AJ	Ok,M
44	Q3601-17	PD091123.D	12 Nov 2025 19:04	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	

45	Q3584-07	PD091124.D	12 Nov 2025 19:18	AR\AJ	Ok,M
46	Q3599-01	PD091125.D	12 Nov 2025 19:31	AR\AJ	Ok,M
47	Q3590-01	PD091126.D	12 Nov 2025 19:45	AR\AJ	Ok
48	Q3590-03	PD091127.D	12 Nov 2025 19:59	AR\AJ	Ok,M
49	Q3590-05	PD091128.D	12 Nov 2025 20:12	AR\AJ	Ok,M
50	I.BLK	PD091129.D	12 Nov 2025 20:53	AR\AJ	Ok
51	PSTDCCC050	PD091130.D	12 Nov 2025 21:07	AR\AJ	Ok
52	PB170498BL	PD091131.D	12 Nov 2025 21:48	AR\AJ	Ok
53	PB170498BS	PD091132.D	12 Nov 2025 22:02	AR\AJ	Ok
54	PB170493TB	PD091133.D	12 Nov 2025 22:15	AR\AJ	Ok
55	Q3604-01	PD091134.D	12 Nov 2025 22:29	AR\AJ	Ok,M
56	Q3604-01MS	PD091135.D	12 Nov 2025 22:43	AR\AJ	Ok
57	Q3604-01MSD	PD091136.D	12 Nov 2025 22:56	AR\AJ	Ok
58	Q3604-02	PD091137.D	12 Nov 2025 23:10	AR\AJ	Ok,M
59	I.BLK	PD091138.D	12 Nov 2025 23:24	AR\AJ	Ok
60	PSTDCCC050	PD091139.D	12 Nov 2025 23:37	AR\AJ	Ok

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

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 # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	PD091080.D	12 Nov 2025 08:48		AR\AJ	Ok
2	I.BLK	I.BLK	PD091081.D	12 Nov 2025 09:01		AR\AJ	Ok
3	PEM	PEM	PD091082.D	12 Nov 2025 09:15		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091083.D	12 Nov 2025 09:28		AR\AJ	Ok
5	PB170476BL	PB170476BL	PD091084.D	12 Nov 2025 09:44		AR\AJ	Ok
6	PB170476BS	PB170476BS	PD091085.D	12 Nov 2025 09:57		AR\AJ	Ok,M
7	PB170485BL	PB170485BL	PD091086.D	12 Nov 2025 10:11		AR\AJ	Ok
8	PB170485BS	PB170485BS	PD091087.D	12 Nov 2025 10:25		AR\AJ	Ok,M
9	PB1701485BSD	PB1701485BSD	PD091088.D	12 Nov 2025 10:38		AR\AJ	Not Ok
10	Q3593-04	A-LAW-25-0167-0175-(	PD091089.D	12 Nov 2025 10:52		AR\AJ	Ok
11	Q3593-06	B-LAW-25-0167-0175-(	PD091090.D	12 Nov 2025 11:06		AR\AJ	Ok
12	Q3593-08	C-LAW-25-0156-0166-(	PD091091.D	12 Nov 2025 11:19	DCB high 1st column	AR\AJ	Ok
13	Q3593-10	D-LAW-25-0156-0166-(	PD091092.D	12 Nov 2025 11:33	Need 10X	AR\AJ	Not Ok
14	PB170485BSD	PB170485BSD	PD091093.D	12 Nov 2025 11:47		AR\AJ	Ok,M
15	Q3569-01	MW-2	PD091094.D	12 Nov 2025 12:00		AR\AJ	Ok,M
16	Q3569-02	MW-12	PD091095.D	12 Nov 2025 12:14		AR\AJ	Ok
17	Q3584-01	SW-1	PD091096.D	12 Nov 2025 12:28		AR\AJ	Ok,M
18	Q3593-10DL	D-LAW-25-0156-0166-(	PD091097.D	12 Nov 2025 12:42		AR\AJ	Not Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	Q3584-02	SW-2	PD091098.D	12 Nov 2025 12:55		AR\AJ	Ok,M
20	Q3593-10	D-LAW-25-0156-0166-(	PD091099.D	12 Nov 2025 13:09	Need 10X	AR\AJ	Dilution
21	Q3584-03	SW-3	PD091100.D	12 Nov 2025 13:22		AR\AJ	Ok,M
22	Q3593-10DL	D-LAW-25-0156-0166-(	PD091101.D	12 Nov 2025 13:36		AR\AJ	Ok,M
23	Q3584-04	EB-2	PD091102.D	12 Nov 2025 13:50		AR\AJ	Ok
24	Q3584-05	FB-2	PD091103.D	12 Nov 2025 14:03		AR\AJ	Ok
25	I.BLK	I.BLK	PD091104.D	12 Nov 2025 14:17		AR\AJ	Ok
26	PEM	PEM	PD091105.D	12 Nov 2025 14:31		AR\AJ	Ok,M
27	PSTDCCC050	PSTDCCC050	PD091106.D	12 Nov 2025 14:44		AR\AJ	Ok
28	PB170506BL	PB170506BL	PD091107.D	12 Nov 2025 14:58		AR\AJ	Ok
29	PB170506BS	PB170506BS	PD091108.D	12 Nov 2025 15:12	surrogate fail and recovery fail & Heptachlor	AR\AJ	Not Ok
30	Q3597-01	TP-1	PD091109.D	12 Nov 2025 15:26		AR\AJ	Ok,M
31	Q3597-01MS	TP-1MS	PD091110.D	12 Nov 2025 15:39		AR\AJ	Ok,M
32	Q3597-01MSD	TP-1MSD	PD091111.D	12 Nov 2025 15:53		AR\AJ	Ok,M
33	Q3597-04	TP-2	PD091112.D	12 Nov 2025 16:07		AR\AJ	Ok,M
34	Q3597-07	TP-3	PD091113.D	12 Nov 2025 16:20		AR\AJ	Ok,M
35	Q3597-10	TP-4	PD091114.D	12 Nov 2025 16:34		AR\AJ	Ok,M
36	Q3598-01	EO-CONCRETE	PD091115.D	12 Nov 2025 16:47		AR\AJ	Ok,M
37	Q3600-01	CENTRAL-ROW-CONC	PD091116.D	12 Nov 2025 17:01		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	I.BLK	I.BLK	PD091117.D	12 Nov 2025 17:15		AR\AJ	Ok
39	PSTDCCC050	PSTDCCC050	PD091118.D	12 Nov 2025 17:28		AR\AJ	Ok
40	Q3601-01	TP-1	PD091119.D	12 Nov 2025 18:09		AR\AJ	Ok,M
41	Q3601-05	TP-2	PD091120.D	12 Nov 2025 18:23		AR\AJ	Ok,M
42	Q3601-09	TP-3	PD091121.D	12 Nov 2025 18:37		AR\AJ	Ok,M
43	Q3601-13	TP-4	PD091122.D	12 Nov 2025 18:50		AR\AJ	Ok,M
44	Q3601-17	TP-5	PD091123.D	12 Nov 2025 19:04		AR\AJ	Ok,M
45	Q3584-07	SEEP-1	PD091124.D	12 Nov 2025 19:18		AR\AJ	Ok,M
46	Q3599-01	LIVINGSTON-SOIL	PD091125.D	12 Nov 2025 19:31		AR\AJ	Ok,M
47	Q3590-01	MOO-25-0314-0316-C(	PD091126.D	12 Nov 2025 19:45		AR\AJ	Ok
48	Q3590-03	MOO-25-0317-0318-C(	PD091127.D	12 Nov 2025 19:59		AR\AJ	Ok,M
49	Q3590-05	MOO-25-0319	PD091128.D	12 Nov 2025 20:12		AR\AJ	Ok,M
50	I.BLK	I.BLK	PD091129.D	12 Nov 2025 20:53		AR\AJ	Ok
51	PSTDCCC050	PSTDCCC050	PD091130.D	12 Nov 2025 21:07		AR\AJ	Ok
52	PB170498BL	PB170498BL	PD091131.D	12 Nov 2025 21:48		AR\AJ	Ok
53	PB170498BS	PB170498BS	PD091132.D	12 Nov 2025 22:02		AR\AJ	Ok
54	PB170493TB	PB170493TB	PD091133.D	12 Nov 2025 22:15		AR\AJ	Ok
55	Q3604-01	S-1	PD091134.D	12 Nov 2025 22:29		AR\AJ	Ok,M
56	Q3604-01MS	S-1MS	PD091135.D	12 Nov 2025 22:43		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111225

Review By	rahul	Review On	11/12/2025 9:01:58 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:18:12 PM		
SubDirectory	PD111225	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	

57	Q3604-01MSD	S-1MSD	PD091136.D	12 Nov 2025 22:56		AR\AJ	Ok
58	Q3604-02	S-2	PD091137.D	12 Nov 2025 23:10		AR\AJ	Ok,M
59	I.BLK	I.BLK	PD091138.D	12 Nov 2025 23:24		AR\AJ	Ok
60	PSTDCCC050	PSTDCCC050	PD091139.D	12 Nov 2025 23:37		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170485

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: Florisil

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 : 11/11/2025

Extraction Start Time : 09:20

Extraction End Date : 11/11/2025

Extraction End Time : 14:00

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	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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721. Q3569 all samples & Q3584-04,05 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
11/11/25	RS (Ext Lab)	P.P. Prep Grp.
14:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170485

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170485BL	PBLK485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170485BS	PLCS485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170485BSD	PLCSD485	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3569-01	MW-2	Pesticide-TCL	485	6	RUPESH	ritesh	5	L		4
Q3569-02	MW-12	Pesticide-TCL	475	6	RUPESH	ritesh	5	L		5
Q3584-01	SW-1	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		6
Q3584-02	SW-2	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		7
Q3584-03	SW-3	Pesticide-TCL	1000	6	RUPESH	ritesh	10	O		8
Q3584-04	EB-2	Pesticide-TCL	480	6	RUPESH	ritesh	5	G		9
Q3584-05	FB-2	Pesticide-TCL	490	6	RUPESH	ritesh	5	F		10
Q3584-07	SEEP-1	Pesticide-TCL	990	6	RUPESH	ritesh	10	O		11

RS 11/11

* **Extracts relinquished on the same date as received.**

170485
9:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3584 **WorkList ID :** 193040 **Department :** Extraction **Date :** 11-11-2025 08:43:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3569-02	MW-12	Water	Pesticide-TCL	Cool 4 deg C	REMI02	J22	11/05/2025	8081B
Q3584-01	SW-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-02	SW-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02		11/07/2025	8081B
Q3584-03	SW-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-04	EB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/06/2025	8081B
Q3584-05	FB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B
Q3584-07	SEEP-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/07/2025	8081B

Date/Time 11/11/25 9:15
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by:

Date/Time 11/11/25 10:00
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext-lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-02	**SW-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-03	**SW-3**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-04	**EB-2**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-05	**FB-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-07	**SEEP-1**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3584 **Order ID:** Q3584

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

Alliance
TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PO115022.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/11/25 19:30	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 19:30	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 19:30	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 19:30	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 19:30	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 19:30	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 19:30	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 19:30	PB170484
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25 19:30	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.6			30 (30) - 150 (173)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.8			30 (10) - 150 (173)	114%	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: **PO115023.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/11/25 19:48	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 19:48	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 19:48	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 19:48	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 19:48	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 19:48	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 19:48	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 19:48	PB170484
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25 19:48	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			30 (30) - 150 (173)	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.1			30 (10) - 150 (173)	120%	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: **PP076447.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	990 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	3510C Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.098	U	1	0.098	0.51	ug/L	11/11/25 18:37	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	11/11/25 18:37	PB170484
11141-16-5	Aroclor-1232	0.097	U	1	0.097	0.51	ug/L	11/11/25 18:37	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	11/11/25 18:37	PB170484
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	11/11/25 18:37	PB170484
11097-69-1	Aroclor-1254	0.095	U	1	0.095	0.51	ug/L	11/11/25 18:37	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	11/11/25 18:37	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	11/11/25 18:37	PB170484
11096-82-5	Aroclor-1260	0.082	U	1	0.082	0.51	ug/L	11/11/25 18:37	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.1			30 (30) - 150 (173)	141%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.2			30 (10) - 150 (173)	131%	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: **PP076444.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	480 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/11/25 17:48	PB170484
11104-28-2	Aroclor-1221	0.14	U	1	0.14	0.52	ug/L	11/11/25 17:48	PB170484
11141-16-5	Aroclor-1232	0.10	U	1	0.10	0.52	ug/L	11/11/25 17:48	PB170484
53469-21-9	Aroclor-1242	0.13	U	1	0.13	0.52	ug/L	11/11/25 17:48	PB170484
12672-29-6	Aroclor-1248	0.074	U	1	0.074	0.52	ug/L	11/11/25 17:48	PB170484
11097-69-1	Aroclor-1254	0.098	U	1	0.098	0.52	ug/L	11/11/25 17:48	PB170484
37324-23-5	Aroclor-1262	0.15	U	1	0.15	0.52	ug/L	11/11/25 17:48	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.52	ug/L	11/11/25 17:48	PB170484
11096-82-5	Aroclor-1260	0.084	U	1	0.084	0.52	ug/L	11/11/25 17:48	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	30.9	*		30 (30) - 150 (173)	154%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.9			30 (10) - 150 (173)	95%	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: **PP076445.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.099	U	1	0.099	0.51	ug/L	11/11/25 18:04	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	11/11/25 18:04	PB170484
11141-16-5	Aroclor-1232	0.098	U	1	0.098	0.51	ug/L	11/11/25 18:04	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	11/11/25 18:04	PB170484
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	11/11/25 18:04	PB170484
11097-69-1	Aroclor-1254	0.096	U	1	0.096	0.51	ug/L	11/11/25 18:04	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	11/11/25 18:04	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	11/11/25 18:04	PB170484
11096-82-5	Aroclor-1260	0.083	U	1	0.083	0.51	ug/L	11/11/25 18:04	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	30.7	*		30 (30) - 150 (173)	154%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.7			30 (10) - 150 (173)	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: **PP076446.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/11/25 18:20	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 18:20	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 18:20	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 18:20	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 18:20	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 18:20	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 18:20	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 18:20	PB170484
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25 18:20	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.7			30 (30) - 150 (173)	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	12.3			30 (10) - 150 (173)	61%	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.: Q3584

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-PO115014.D	PIBLK-PO115014.D	Tetrachloro-m-xyl	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.8	99		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphen	2	20	21.7	108		70 (60)	130 (140)
PB170484BL	PB170484BL	Tetrachloro-m-xyl	1	20	23.3	117		30 (30)	150 (173)
		Decachlorobiphen	1	20	23.3	117		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	23.5	118		30 (30)	150 (173)
		Decachlorobiphen	2	20	25.5	128		30 (10)	150 (173)
PB170484BS	PB170484BS	Tetrachloro-m-xyl	1	20	24.5	123		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.5	122		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.5	113		30 (30)	150 (173)
		Decachlorobiphen	2	20	26.8	134		30 (10)	150 (173)
PB170484BSD	PB170484BSD	Tetrachloro-m-xyl	1	20	24.3	121		30 (30)	150 (173)
		Decachlorobiphen	1	20	24.4	122		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (30)	150 (173)
		Decachlorobiphen	2	20	26.1	130		30 (10)	150 (173)
Q3584-01	SW-1	Tetrachloro-m-xyl	1	20	24.4	122		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.7	108		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	24.6	123		30 (30)	150 (173)
		Decachlorobiphen	2	20	22.8	114		30 (10)	150 (173)
Q3584-02	SW-2	Tetrachloro-m-xyl	1	20	24.1	120		30 (30)	150 (173)
		Decachlorobiphen	1	20	22.4	112		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	24.4	122		30 (30)	150 (173)
		Decachlorobiphen	2	20	24.1	120		30 (10)	150 (173)
I.BLK-PO115029.D	PIBLK-PO115029.D	Tetrachloro-m-xyl	1	20	19.5	97		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.5	97		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.7	103		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-PP076439.D	PIBLK-PP076439.D	Tetrachloro-m-xyl	1	20	22.7	114		70 (60)	130 (140)
		Decachlorobiphen	1	20	21.4	107		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.6	98		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.2	86		70 (60)	130 (140)
Q3584-04	EB-2	Tetrachloro-m-xyl	1	20	30.9	154	*	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.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3584-04	EB-2	Decachlorobiphen	1	20	18.9	95		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	27.2	136		30 (30)	150 (173)
		Decachlorobiphen	2	20	16.2	81		30 (10)	150 (173)
Q3584-05	FB-2	Tetrachloro-m-xyl	1	20	30.7	154	*	30 (30)	150 (173)
		Decachlorobiphen	1	20	25.7	129		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	28.5	143		30 (30)	150 (173)
		Decachlorobiphen	2	20	21.8	109		30 (10)	150 (173)
Q3584-07	SEEP-1	Tetrachloro-m-xyl	1	20	21.7	108		30 (30)	150 (173)
		Decachlorobiphen	1	20	12.3	61		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	10.1	51		30 (30)	150 (173)
		Decachlorobiphen	2	20	8.83	44		30 (10)	150 (173)
Q3584-03	SW-3	Tetrachloro-m-xyl	1	20	28.1	141		30 (30)	150 (173)
		Decachlorobiphen	1	20	26.2	131		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	20.2	101		30 (30)	150 (173)
		Decachlorobiphen	2	20	22.6	113		30 (10)	150 (173)
I.BLK-PP076452.D	PIBLK-PP076452.D	Tetrachloro-m-xyl	1	20	22.7	113		70 (60)	130 (140)
		Decachlorobiphen	1	20	21.3	106		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.9	95		70 (60)	130 (140)

( ) = 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.: Q3584 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO115016.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170484BS (Column 1)	AR1016	5	4.10	ug/L	82				40 (77)	140 (107)	
	AR1260	5	4.00	ug/L	80				40 (66)	140 (113)	
PB170484BS (Column 2)	AR1016	5	4.00	ug/L	80				40 (77)	140 (107)	
	AR1260	5	3.90	ug/L	78				40 (66)	140 (113)	

( ) = 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.: Q3584 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO115017.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170484BSD (Column 1)	AR1016	5	4.20	ug/L	84	2			40 (77)	140 (107)	20 (20)
	AR1260	5	4.00	ug/L	80	0			40 (66)	140 (113)	20 (20)
PB170484BSD (Column 2)	AR1016	5	4.10	ug/L	82	2			40 (77)	140 (107)	20 (20)
	AR1260	5	3.90	ug/L	78	0			40 (66)	140 (113)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170484BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3584

Lab Sample ID: PB170484BL | Lab File ID: PO115015.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/11/2025

Date Analyzed (1): 11/11/2025 | Date Analyzed (2): 11/11/2025

Time Analyzed (1): 17:21 | Time Analyzed (2): 17:21

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
PB170484BS	PB170484BS	PO115016.D	11/11/2025	11/11/2025
PB170484BSD	PB170484BSD	PO115017.D	11/11/2025	11/11/2025
SW-1	Q3584-01	PO115022.D	11/11/2025	11/11/2025
SW-2	Q3584-02	PO115023.D	11/11/2025	11/11/2025
EB-2	Q3584-04	PP076444.D	11/11/2025	11/11/2025
FB-2	Q3584-05	PP076445.D	11/11/2025	11/11/2025
SEEP-1	Q3584-07	PP076446.D	11/11/2025	11/11/2025
SW-3	Q3584-03	PP076447.D	11/11/2025	11/11/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PO115015.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:	PB170484BL	SDG No.:	Q3584
Lab Sample ID:	PB170484BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

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	11/11/25 17:21	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:21	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:21	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:21	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:21	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:21	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:21	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:21	PB170484
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25 17:21	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.5			30 (30) - 150 (173)	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.5			30 (10) - 150 (173)	128%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Edison Landfill	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3584
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

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PO115014.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PO115014.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	11/11/25	po111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	po111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	po111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	po111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	po111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	po111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	po111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	po111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	po111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			70 (60) - 130 (140)	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.8			70 (60) - 130 (140)	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

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

Client:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PO115029.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PO115029.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	11/11/25	po111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	po111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	po111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	po111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	po111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	po111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	po111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	po111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	po111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.5			70 (60) - 130 (140)	97%	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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.:	Q3584
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:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PP076439.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PP076439.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	11/11/25	PP111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	PP111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	PP111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	PP111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	PP111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	PP111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	PP111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	PP111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	PP111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.6			70 (60) - 130 (140)	98%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.2			70 (60) - 130 (140)	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

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

Client:	Remington & Vernick Engineers	Date Collected:	11/11/25
Project:	Edison Landfill	Date Received:	11/11/25
Client Sample ID:	PIBLK-PP076452.D	SDG No.:	Q3584
Lab Sample ID:	I.BLK-PP076452.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	11/11/25	PP111125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25	PP111125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25	PP111125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25	PP111125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25	PP111125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25	PP111125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/11/25	PP111125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25	PP111125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25	PP111125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			70 (60) - 130 (140)	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.9			70 (60) - 130 (140)	95%	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: **PO115016.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:	PB170484BS	SDG No.:	Q3584
Lab Sample ID:	PB170484BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.10		1	0.097	0.50	ug/L	11/11/25 17:39	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:39	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:39	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:39	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:39	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:39	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:39	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:39	PB170484
11096-82-5	Aroclor-1260	4.00		1	0.081	0.50	ug/L	11/11/25 17:39	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			30 (30) - 150 (173)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.8			30 (10) - 150 (173)	134%	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: **PO115017.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:	PB170484BSD	SDG No.:	Q3584
Lab Sample ID:	PB170484BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 11/11/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20		1	0.097	0.50	ug/L	11/11/25 17:58	PB170484
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/11/25 17:58	PB170484
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/11/25 17:58	PB170484
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/11/25 17:58	PB170484
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/11/25 17:58	PB170484
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/11/25 17:58	PB170484
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/11/25 17:58	PB170484
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/11/25 17:58	PB170484
11096-82-5	Aroclor-1260	4.00		1	0.081	0.50	ug/L	11/11/25 17:58	PB170484
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			30 (30) - 150 (173)	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.1			30 (10) - 150 (173)	130%	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 **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

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.:** Q3584

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.: Q3584
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.: Q3584
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.:** Q3584

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.:** Q3584

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.:** Q3584

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.:** Q3584

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.: Q3584
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.: Q3584
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.:** Q3584

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.:** Q3584

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.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
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.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	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	0.00
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)	5.18	5.18	5.08	5.28	0.00
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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115010.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.486	5.387	5.587	516.170	500.000	3.2
Aroclor-1016-2	5.508	5.408	5.608	515.680	500.000	3.1
Aroclor-1016-3	5.569	5.470	5.670	531.180	500.000	6.2
Aroclor-1016-4	5.666	5.566	5.766	520.070	500.000	4.0
Aroclor-1016-5	5.957	5.858	6.058	505.450	500.000	1.1
Aroclor-1260-1	7.071	6.971	7.171	495.620	500.000	-0.9
Aroclor-1260-2	7.325	7.225	7.425	531.970	500.000	6.4
Aroclor-1260-3	7.683	7.582	7.782	531.940	500.000	6.4
Aroclor-1260-4	7.904	7.803	8.003	516.150	500.000	3.2
Aroclor-1260-5	8.212	8.110	8.310	512.360	500.000	2.5
Decachlorobiphenyl	9.933	9.830	10.030	51.230	50.000	2.5
Tetrachloro-m-xylene	4.347	4.248	4.448	53.580	50.000	7.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115010.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.628	4.828	517.240	500.000	3.4
Aroclor-1016-2	4.746	4.647	4.847	515.690	500.000	3.1
Aroclor-1016-3	4.920	4.821	5.021	522.320	500.000	4.5
Aroclor-1016-4	4.963	4.864	5.064	520.080	500.000	4.0
Aroclor-1016-5	5.175	5.076	5.276	517.410	500.000	3.5
Aroclor-1260-1	6.205	6.106	6.306	495.010	500.000	-1.0
Aroclor-1260-2	6.393	6.294	6.494	487.870	500.000	-2.4
Aroclor-1260-3	6.545	6.446	6.646	496.040	500.000	-0.8
Aroclor-1260-4	7.016	6.917	7.117	503.530	500.000	0.7
Aroclor-1260-5	7.257	7.158	7.358	499.860	500.000	0.0
Decachlorobiphenyl	8.642	8.541	8.741	53.840	50.000	7.7
Tetrachloro-m-xylene	3.648	3.548	3.748	52.450	50.000	4.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 21:19 **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)	7.32	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.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 21:19 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.00
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)	5.18	5.18	5.08	5.28	0.00
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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115025.D **Time Analyzed:** 21:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.487	5.387	5.587	519.320	500.000	3.9
Aroclor-1016-2	5.508	5.408	5.608	514.000	500.000	2.8
Aroclor-1016-3	5.569	5.470	5.670	533.200	500.000	6.6
Aroclor-1016-4	5.666	5.566	5.766	520.550	500.000	4.1
Aroclor-1016-5	5.958	5.858	6.058	507.710	500.000	1.5
Aroclor-1260-1	7.071	6.971	7.171	502.610	500.000	0.5
Aroclor-1260-2	7.324	7.225	7.425	537.250	500.000	7.5
Aroclor-1260-3	7.682	7.582	7.782	531.510	500.000	6.3
Aroclor-1260-4	7.904	7.803	8.003	517.550	500.000	3.5
Aroclor-1260-5	8.211	8.110	8.310	516.110	500.000	3.2
Decachlorobiphenyl	9.931	9.830	10.030	51.650	50.000	3.3
Tetrachloro-m-xylene	4.347	4.248	4.448	52.990	50.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115025.D **Time Analyzed:** 21:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.727	4.628	4.828	505.020	500.000	1.0
Aroclor-1016-2	4.746	4.647	4.847	508.360	500.000	1.7
Aroclor-1016-3	4.920	4.821	5.021	517.080	500.000	3.4
Aroclor-1016-4	4.963	4.864	5.064	509.100	500.000	1.8
Aroclor-1016-5	5.175	5.076	5.276	523.950	500.000	4.8
Aroclor-1260-1	6.205	6.106	6.306	485.510	500.000	-2.9
Aroclor-1260-2	6.393	6.294	6.494	485.930	500.000	-2.8
Aroclor-1260-3	6.545	6.446	6.646	492.220	500.000	-1.6
Aroclor-1260-4	7.016	6.917	7.117	496.900	500.000	-0.6
Aroclor-1260-5	7.257	7.158	7.358	495.370	500.000	-0.9
Decachlorobiphenyl	8.641	8.541	8.741	53.840	50.000	7.7
Tetrachloro-m-xylene	3.648	3.548	3.748	51.310	50.000	2.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 15:22 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	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.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 15:22 **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	0.02
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		3.77	3.78	3.68	3.88	0.01
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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076435.D **Time Analyzed:** 15:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.788	5.695	5.895	574.770	500.000	15.0
Aroclor-1016-2	5.809	5.717	5.917	472.590	500.000	-5.5
Aroclor-1016-3	5.872	5.780	5.980	483.120	500.000	-3.4
Aroclor-1016-4	5.969	5.877	6.077	490.490	500.000	-1.9
Aroclor-1016-5	6.262	6.169	6.369	509.320	500.000	1.9
Aroclor-1260-1	7.381	7.287	7.487	563.820	500.000	12.8
Aroclor-1260-2	7.634	7.540	7.740	524.970	500.000	5.0
Aroclor-1260-3	7.992	7.899	8.099	543.370	500.000	8.7
Aroclor-1260-4	8.220	8.127	8.327	520.300	500.000	4.1
Aroclor-1260-5	8.545	8.452	8.652	492.730	500.000	-1.5
Decachlorobiphenyl	10.410	10.319	10.519	46.460	50.000	-7.1
Tetrachloro-m-xylene	4.635	4.542	4.742	48.360	50.000	-3.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076435.D **Time Analyzed:** 15:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.866	4.778	4.978	480.580	500.000	-3.9
Aroclor-1016-2	4.925	4.836	5.036	442.930	500.000	-11.4
Aroclor-1016-3	5.045	4.954	5.154	455.510	500.000	-8.9
Aroclor-1016-4	5.086	4.996	5.196	487.960	500.000	-2.4
Aroclor-1016-5	5.300	5.210	5.410	469.110	500.000	-6.2
Aroclor-1260-1	6.328	6.238	6.438	454.930	500.000	-9.0
Aroclor-1260-2	6.515	6.425	6.625	471.600	500.000	-5.7
Aroclor-1260-3	6.668	6.578	6.778	474.380	500.000	-5.1
Aroclor-1260-4	7.137	7.047	7.247	498.500	500.000	-0.3
Aroclor-1260-5	7.378	7.287	7.487	469.890	500.000	-6.0
Decachlorobiphenyl	8.771	8.682	8.882	40.210	50.000	-19.6
Tetrachloro-m-xylene	3.773	3.681	3.881	49.430	50.000	-1.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:42 **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	0.01
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
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	0.00
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.:** Q3584

Continuing Calib Date: 11/11/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:42 **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	0.01
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.:** Q3584

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076448.D **Time Analyzed:** 19:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.791	5.695	5.895	476.690	500.000	-4.7
Aroclor-1016-2	5.813	5.717	5.917	475.640	500.000	-4.9
Aroclor-1016-3	5.875	5.780	5.980	483.470	500.000	-3.3
Aroclor-1016-4	5.973	5.877	6.077	497.820	500.000	-0.4
Aroclor-1016-5	6.265	6.169	6.369	494.470	500.000	-1.1
Aroclor-1260-1	7.385	7.287	7.487	558.440	500.000	11.7
Aroclor-1260-2	7.638	7.540	7.740	530.440	500.000	6.1
Aroclor-1260-3	7.996	7.899	8.099	542.890	500.000	8.6
Aroclor-1260-4	8.223	8.127	8.327	539.660	500.000	7.9
Aroclor-1260-5	8.549	8.452	8.652	495.520	500.000	-0.9
Decachlorobiphenyl	10.412	10.319	10.519	46.740	50.000	-6.5
Tetrachloro-m-xylene	4.640	4.542	4.742	50.750	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3584

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076448.D **Time Analyzed:** 19:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.778	4.978	490.530	500.000	-1.9
Aroclor-1016-2	4.929	4.836	5.036	466.260	500.000	-6.7
Aroclor-1016-3	5.050	4.954	5.154	442.530	500.000	-11.5
Aroclor-1016-4	5.091	4.996	5.196	485.830	500.000	-2.8
Aroclor-1016-5	5.305	5.210	5.410	448.520	500.000	-10.3
Aroclor-1260-1	6.331	6.238	6.438	518.320	500.000	3.7
Aroclor-1260-2	6.518	6.425	6.625	522.470	500.000	4.5
Aroclor-1260-3	6.671	6.578	6.778	529.570	500.000	5.9
Aroclor-1260-4	7.140	7.047	7.247	585.630	500.000	17.1
Aroclor-1260-5	7.380	7.287	7.487	512.900	500.000	2.6
Decachlorobiphenyl	8.773	8.682	8.882	41.980	50.000	-16.0
Tetrachloro-m-xylene	3.777	3.681	3.881	50.120	50.000	0.2

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/11/2025	15:49	PO115010.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	9.93	4.35
PB170484BL	PB170484BL	11/11/2025	17:21	PO115015.D	9.93	4.35
PB170484BS	PB170484BS	11/11/2025	17:39	PO115016.D	9.93	4.35
PB170484BSD	PB170484BSD	11/11/2025	17:58	PO115017.D	9.93	4.35
SW-1	Q3584-01	11/11/2025	19:30	PO115022.D	9.93	4.35
SW-2	Q3584-02	11/11/2025	19:48	PO115023.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/11/2025	21:19	PO115025.D	9.93	4.35
I.BLK	I.BLK	11/11/2025	23:09	PO115029.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

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Analytical Sequence

AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	11/11/2025	15:22	PP076435.D	10.41	4.64
I.BLK	I.BLK	11/11/2025	16:27	PP076439.D	10.42	4.64
EB-2	Q3584-04	11/11/2025	17:48	PP076444.D	10.41	4.64
FB-2	Q3584-05	11/11/2025	18:04	PP076445.D	10.41	4.64
SEEP-1	Q3584-07	11/11/2025	18:20	PP076446.D	10.41	4.64
SW-3	Q3584-03	11/11/2025	18:37	PP076447.D	10.41	4.64
AR1660CCC500	AR1660CCC500	11/11/2025	19:42	PP076448.D	10.41	4.64
I.BLK	I.BLK	11/11/2025	21:19	PP076452.D	10.41	4.64

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/11/2025	15:49	PO115010.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	17:03	PO115014.D	8.64	3.65
PB170484BL	PB170484BL	11/11/2025	17:21	PO115015.D	8.64	3.65
PB170484BS	PB170484BS	11/11/2025	17:39	PO115016.D	8.64	3.65
PB170484BSD	PB170484BSD	11/11/2025	17:58	PO115017.D	8.64	3.65
SW-1	Q3584-01	11/11/2025	19:30	PO115022.D	8.64	3.65
SW-2	Q3584-02	11/11/2025	19:48	PO115023.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/11/2025	21:19	PO115025.D	8.64	3.65
I.BLK	I.BLK	11/11/2025	23:09	PO115029.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

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Analytical Sequence

AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	11/11/2025	15:22	PP076435.D	8.77	3.77
I.BLK	I.BLK	11/11/2025	16:27	PP076439.D	8.77	3.78
EB-2	Q3584-04	11/11/2025	17:48	PP076444.D	8.77	3.78
FB-2	Q3584-05	11/11/2025	18:04	PP076445.D	8.77	3.77
SEEP-1	Q3584-07	11/11/2025	18:20	PP076446.D	8.77	3.78
SW-3	Q3584-03	11/11/2025	18:37	PP076447.D	8.77	3.77
AR1660CCC500	AR1660CCC500	11/11/2025	19:42	PP076448.D	8.77	3.78
I.BLK	I.BLK	11/11/2025	21:19	PP076452.D	8.77	3.77

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170484BS

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab Sample ID: PB170484BS Date(s) Analyzed: 11/11/2025 11/11/2025

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 PO115016.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.485	5.435	5.535	4.23		
	2	5.507	5.457	5.557	4.15		
	3	5.569	5.519	5.619	4.28		
COLUMN 1	4	5.664	5.614	5.714	4.14		
	5	5.956	5.906	6.006	3.93	4.10	
	1	4.726	4.676	4.776	3.97		
	2	4.745	4.695	4.795	3.98		
	3	4.919	4.869	4.969	3.99		
	4	4.962	4.912	5.012	3.97		
COLUMN 2	5	5.174	5.124	5.224	3.89	4.00	2.47
Aroclor-1260	1	7.07	7.02	7.12	4.12		
	2	7.324	7.274	7.374	4.52		
	3	7.682	7.632	7.732	3.66		
COLUMN 1	4	7.904	7.854	7.954	3.80		
	5	8.21	8.16	8.26	3.67	4.00	
	1	6.204	6.154	6.254	4.00		
	2	6.392	6.342	6.442	4.62		
	3	6.544	6.494	6.594	3.97		
	4	7.015	6.965	7.065	3.53		
COLUMN 2	5	7.256	7.206	7.306	3.57	3.90	2.53

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170484BSD

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Lab Sample ID: PB170484BSD Date(s) Analyzed: 11/11/2025 11/11/2025

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 PO115017.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.487	5.437	5.537	4.30		
	2	5.509	5.459	5.559	4.27		
	3	5.57	5.52	5.62	4.38		
COLUMN 1	4	5.666	5.616	5.716	4.23		
	5	5.958	5.908	6.008	4.03	4.20	
	1	4.727	4.677	4.777	4.19		
	2	4.746	4.696	4.796	4.18		
	3	4.921	4.871	4.971	4.20		
	4	4.963	4.913	5.013	4.10		
COLUMN 2	5	5.175	5.125	5.225	4.07	4.10	2.41
Aroclor-1260	1	7.072	7.022	7.122	4.25		
	2	7.326	7.276	7.376	4.38		
	3	7.683	7.633	7.733	3.71		
COLUMN 1	4	7.905	7.855	7.955	3.88		
	5	8.212	8.162	8.262	3.73	4.00	
	1	6.205	6.155	6.255	4.15		
	2	6.393	6.343	6.443	4.14		
	3	6.546	6.496	6.596	4.11		
	4	7.016	6.966	7.066	3.67		
COLUMN 2	5	7.258	7.208	7.308	3.68	3.90	2.53

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:30
Operator : YP/AJ
Sample : Q3584-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SW-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.648	171.4E6	109.8E6	24.355	24.574
2)	SA Decachlor...	9.933	8.641	95727761	88960756	21.657	22.788
	Target Compounds						

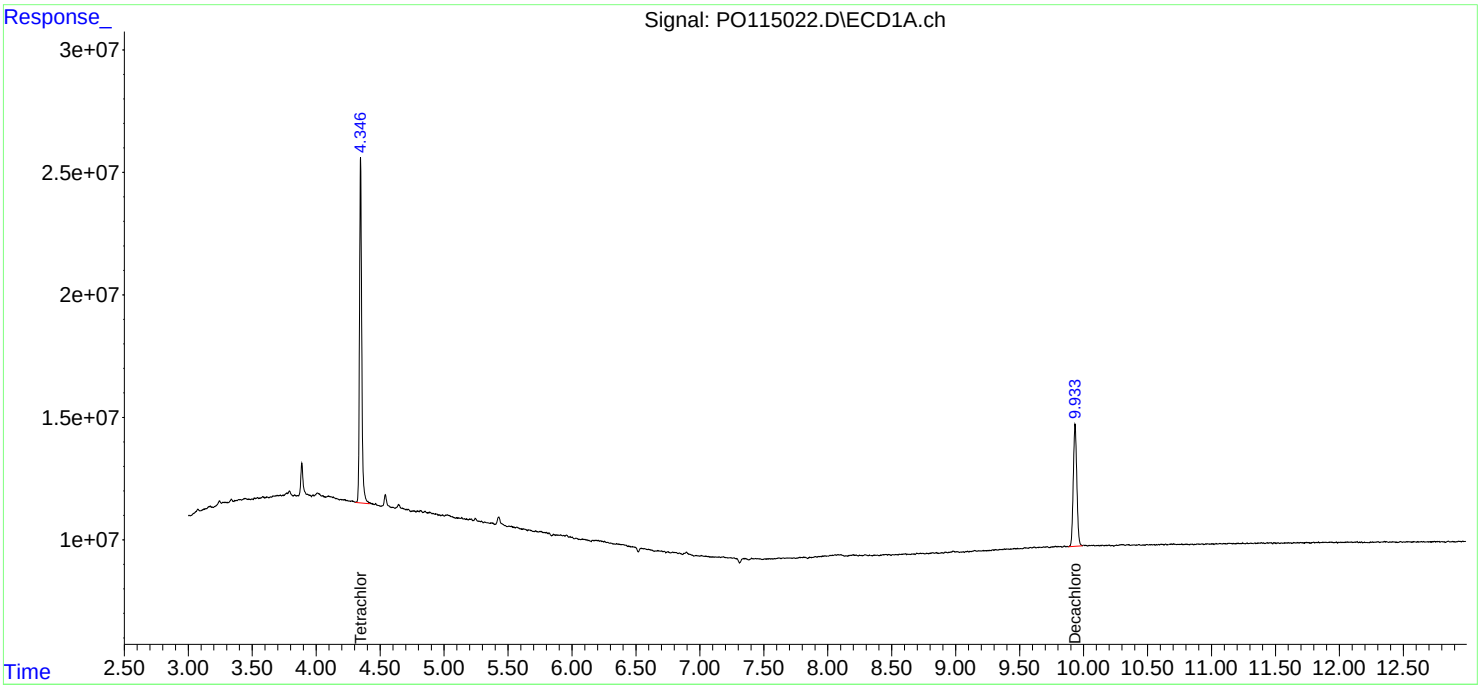
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

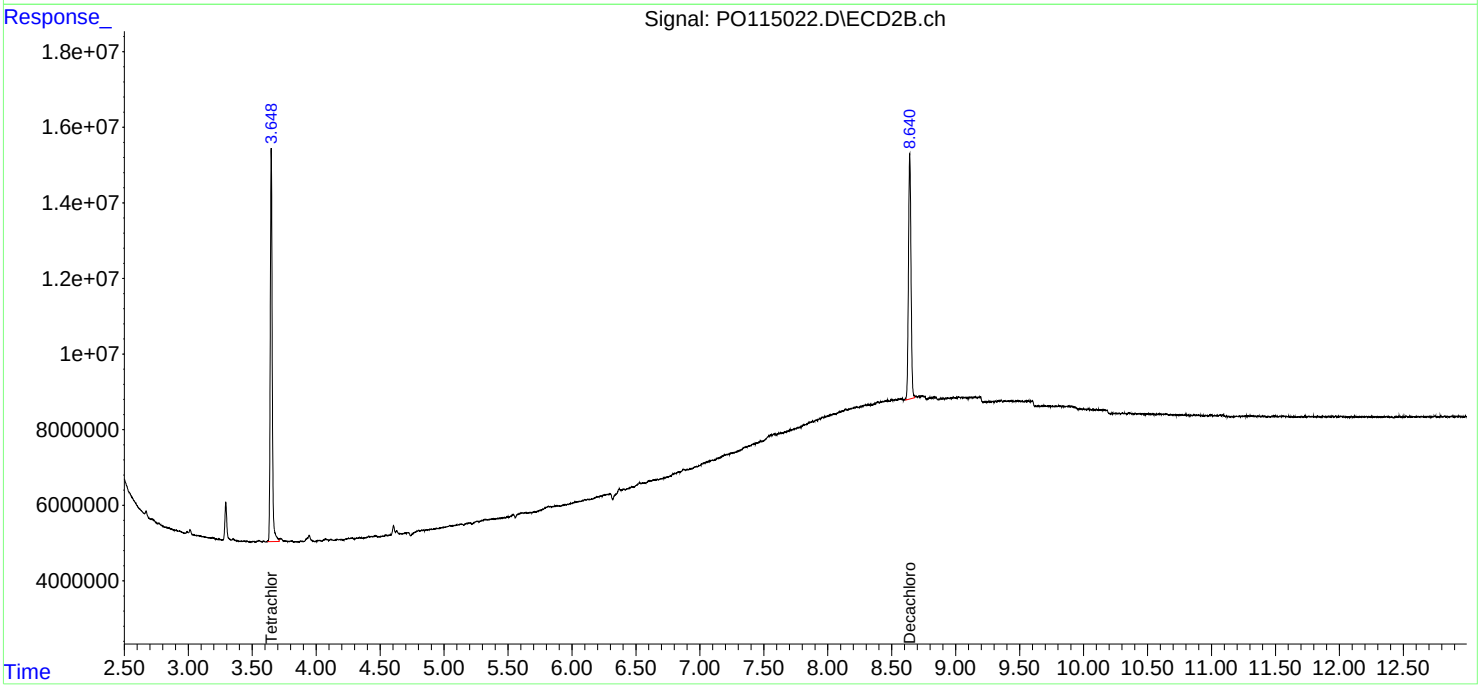
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:30
Operator : YP/AJ
Sample : Q3584-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

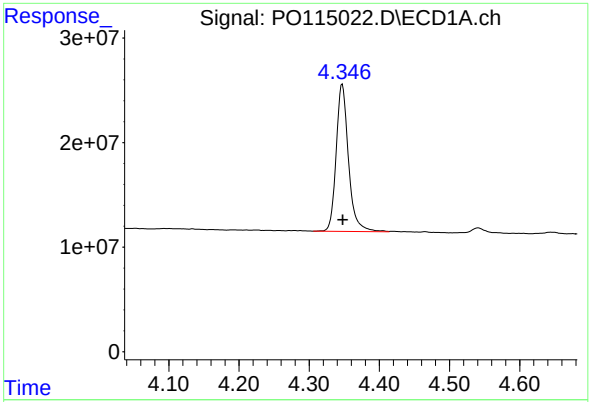
Instrument :
ECD_O
ClientSampleId :
SW-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



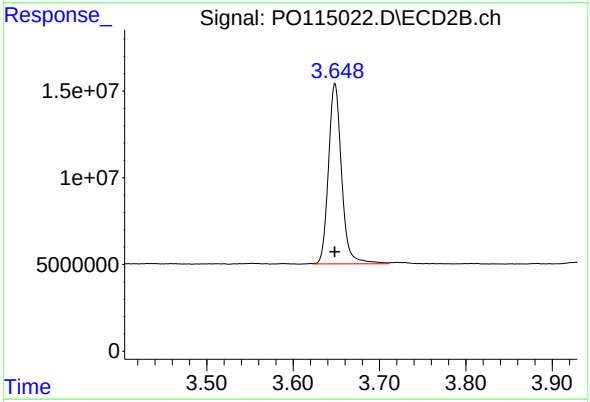




#1 Tetrachloro-m-xylene

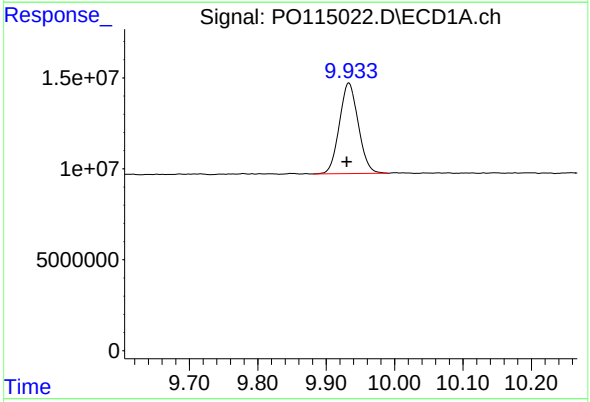
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 171415141
Conc: 24.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SW-1



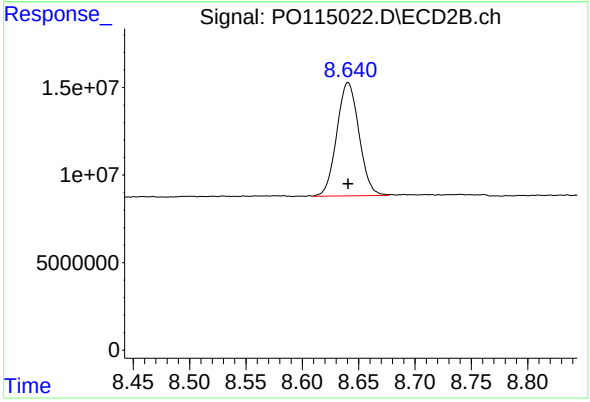
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 109766588
Conc: 24.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.003 min
Response: 95727761
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 88960756
Conc: 22.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:48
Operator : YP/AJ
Sample : Q3584-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SW-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	169.3E6	108.9E6	24.054	24.380
2)	SA Decachlor...	9.932	8.641	98917395	93883088	22.378	24.049
	Target Compounds						

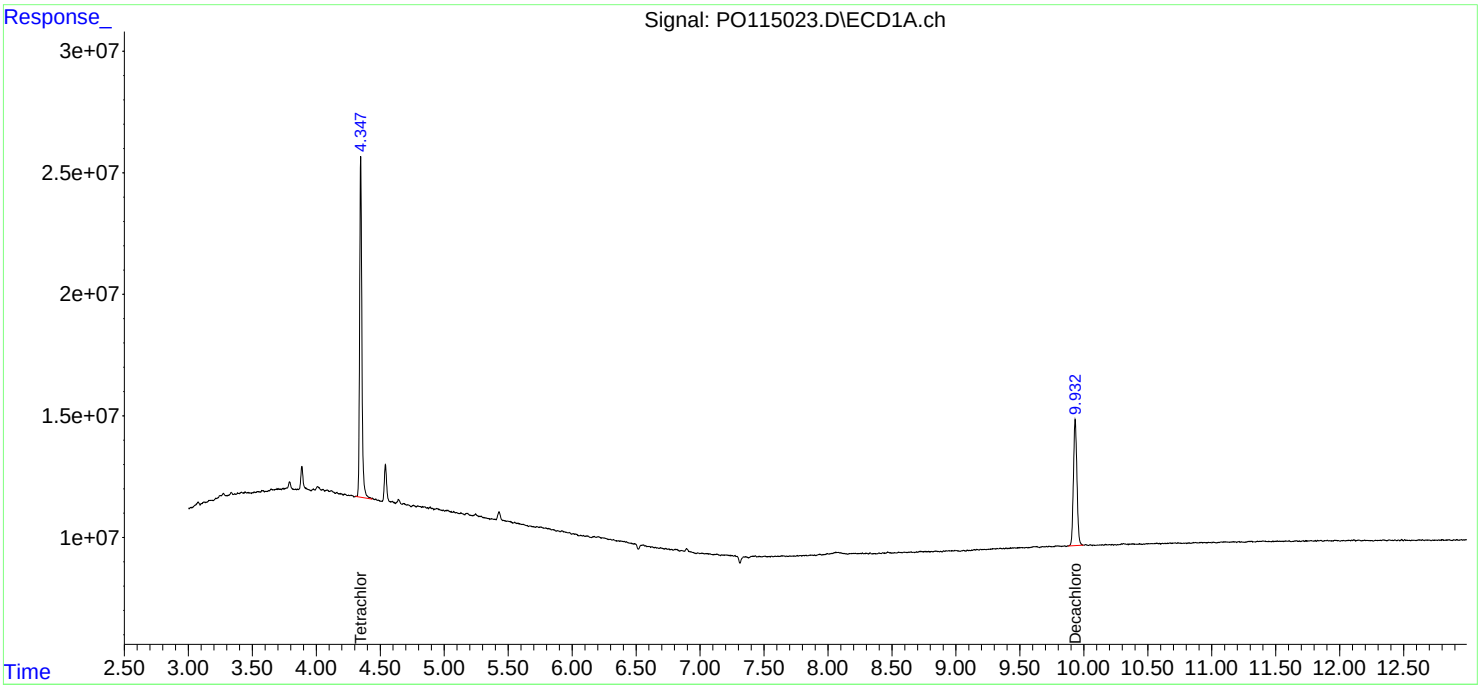
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

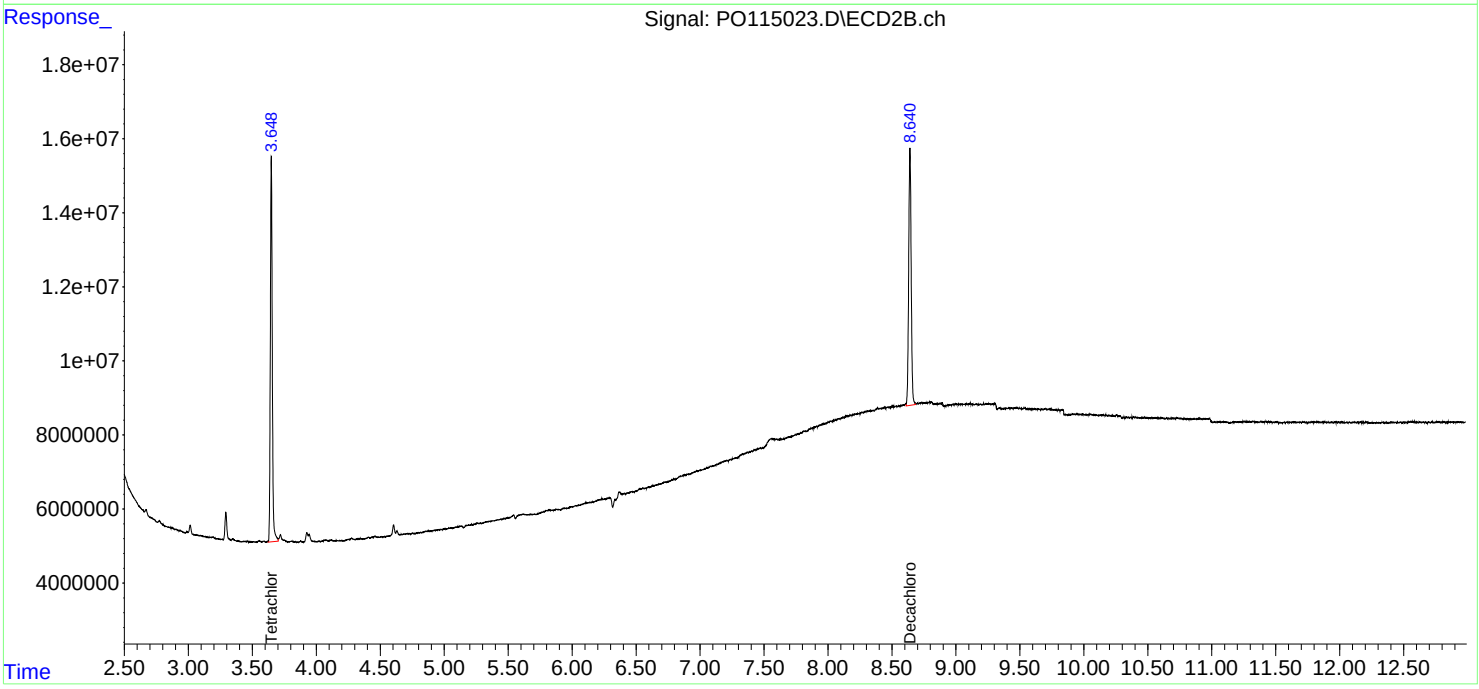
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 19:48
Operator : YP/AJ
Sample : Q3584-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

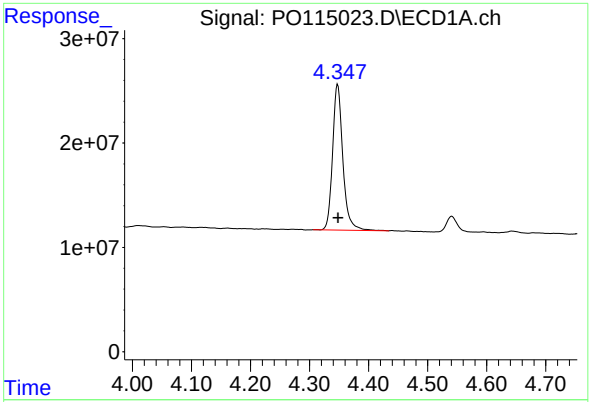
Instrument :
ECD_O
ClientSampleId :
SW-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:24:38 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



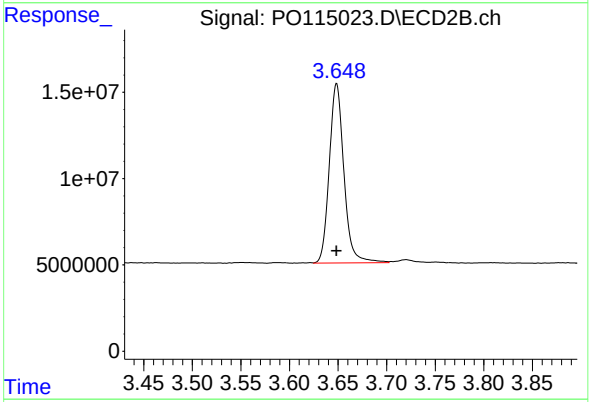




#1 Tetrachloro-m-xylene

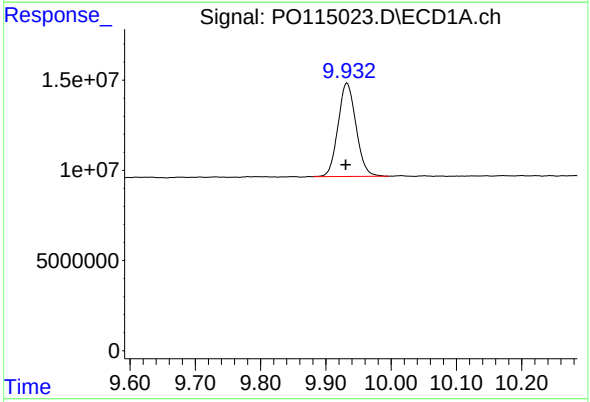
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 169294585
Conc: 24.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SW-2



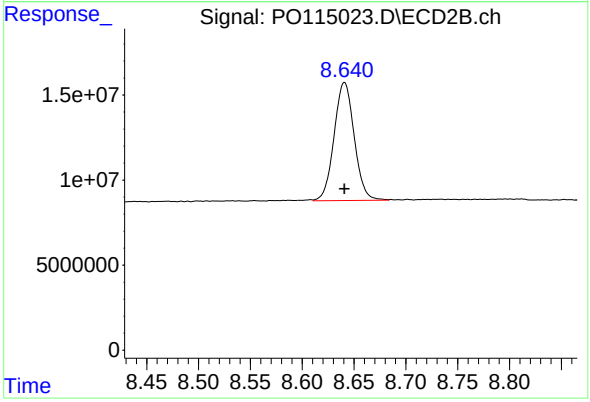
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 108897858
Conc: 24.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 98917395
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 93883088
Conc: 24.05 ng/ml

Sample Results: **PP076447.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SW-3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:45 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	3.772	40155068	133.5E6	28.098m	20.175m#
2)	SA Decachlor...	10.410	8.770	28187945	185.9E6	26.184	22.611
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076447.D**

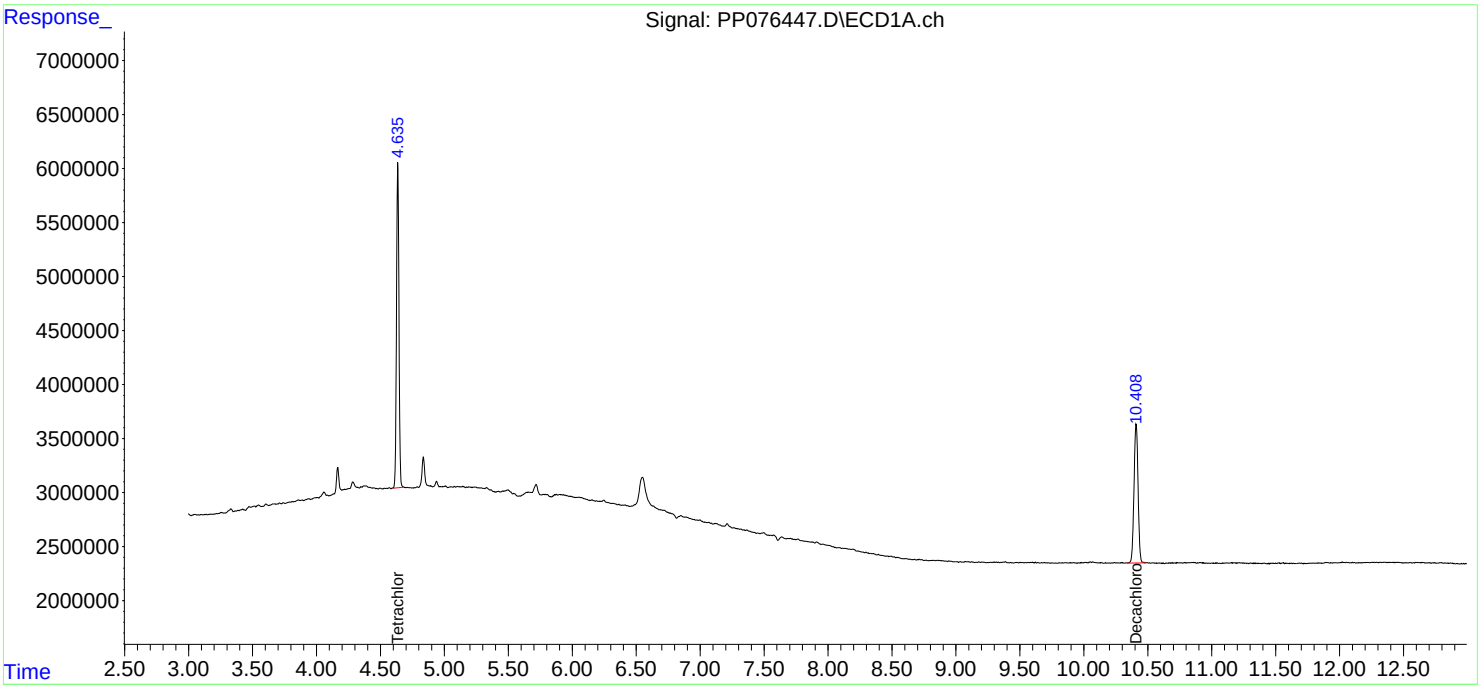
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

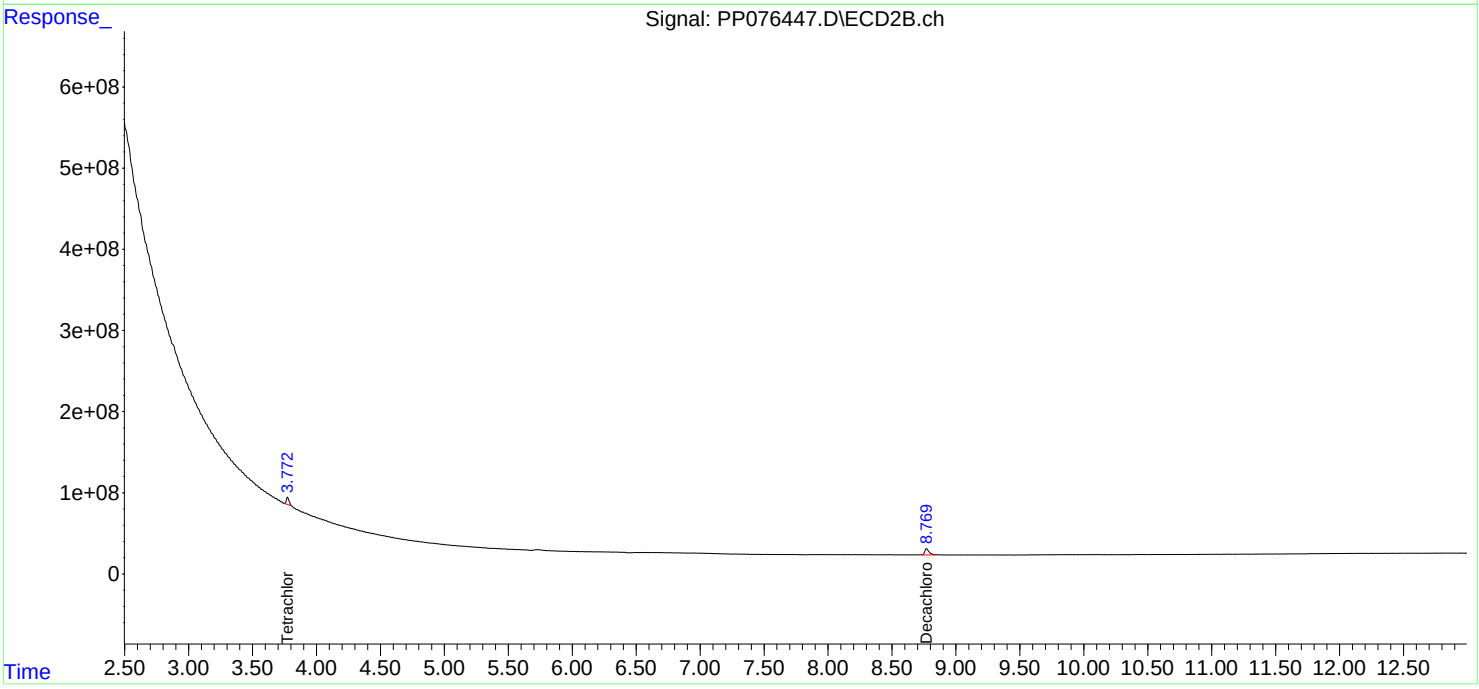
Instrument :
ECD_P
ClientSampleId :
SW-3

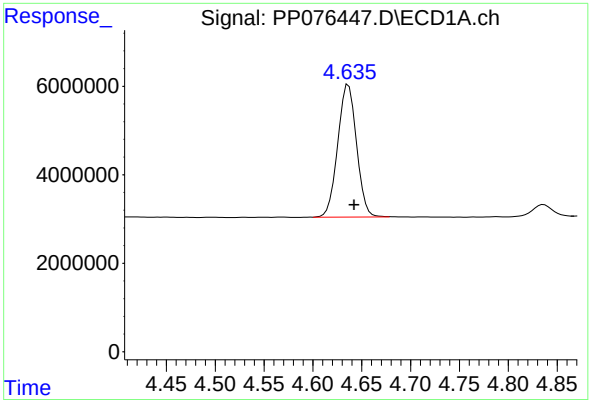
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:45 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







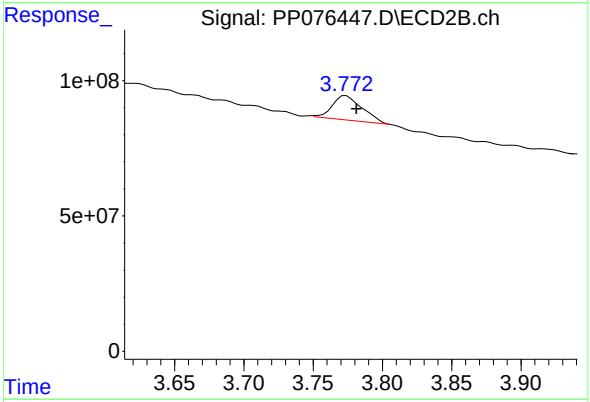
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.007 min
Response: 40155068
Conc: 28.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
SW-3

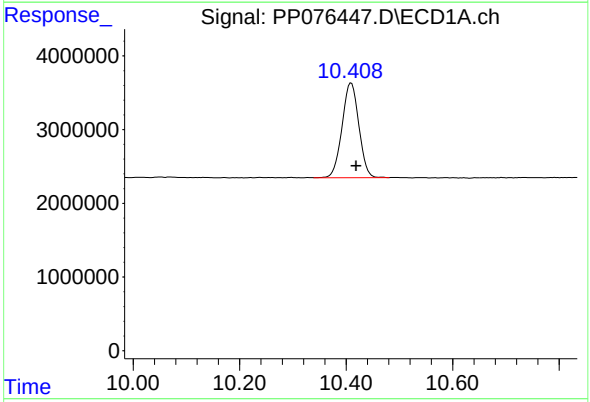
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



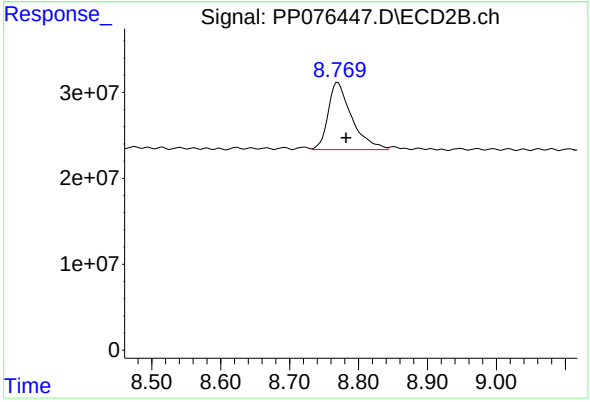
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: -0.009 min
Response: 133521062
Conc: 20.17 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.009 min
Response: 28187945
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.012 min
Response: 185925978
Conc: 22.61 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:48
Operator : YP\AJ
Sample : Q3584-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
EB-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:03 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...	4.641	3.776	44090291	179.7E6	30.852	27.157m
2)	SA Decachlor...	10.414	8.773	20365007	132.9E6	18.917	16.158
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076444.D**

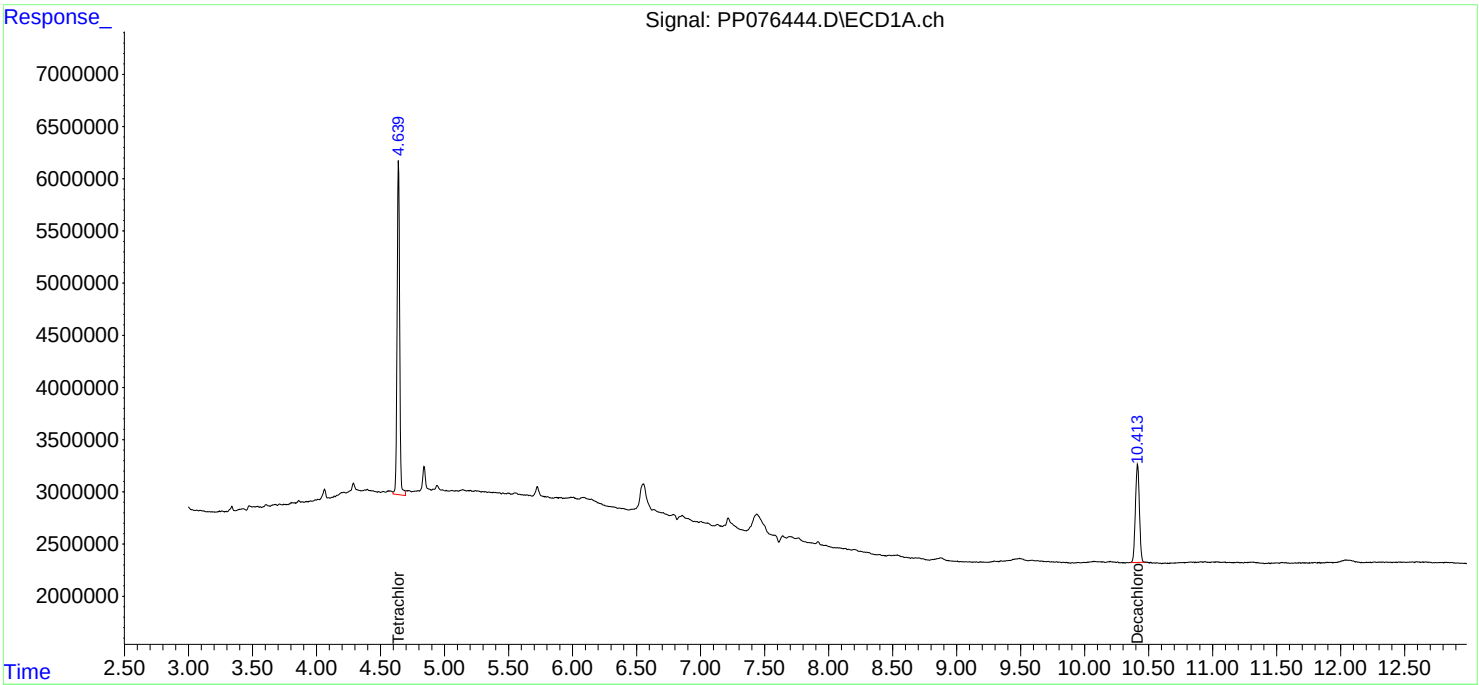
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:48
Operator : YP\AJ
Sample : Q3584-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

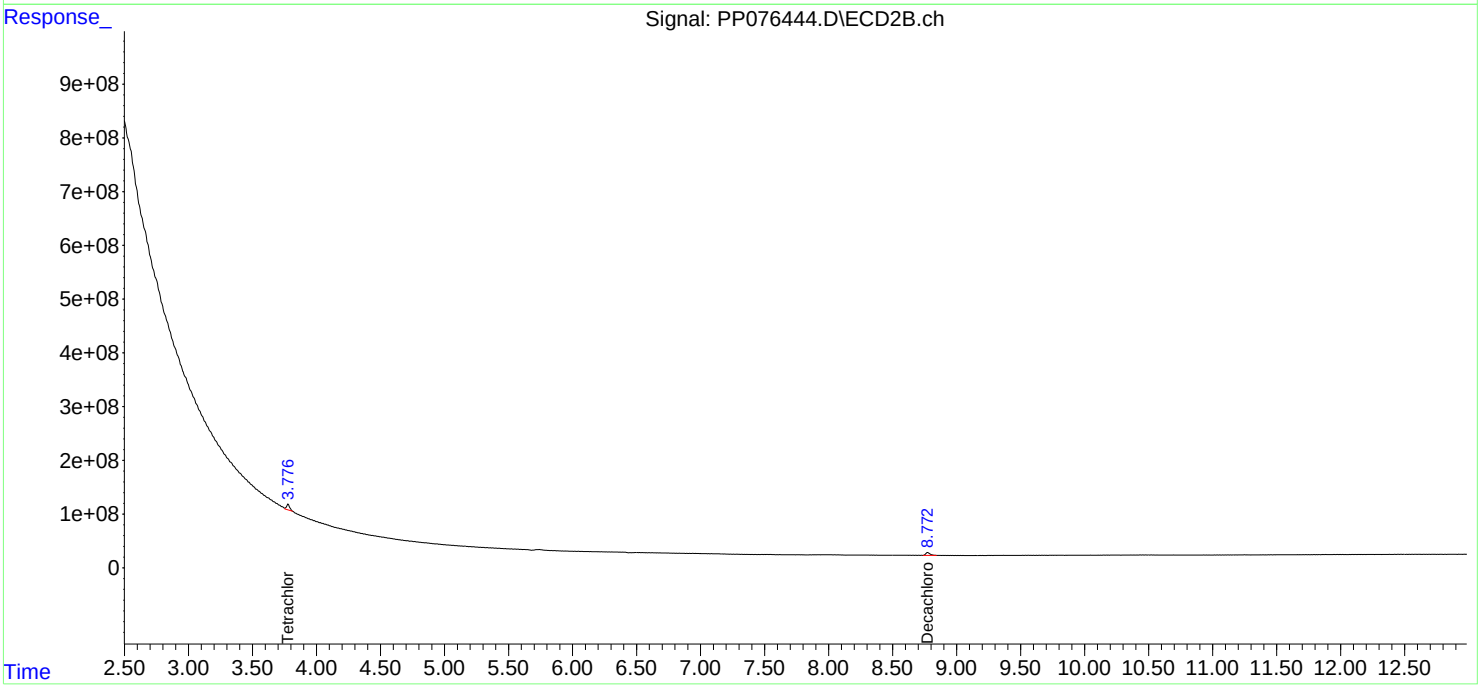
Instrument :
ECD_P
ClientSampleId :
EB-2

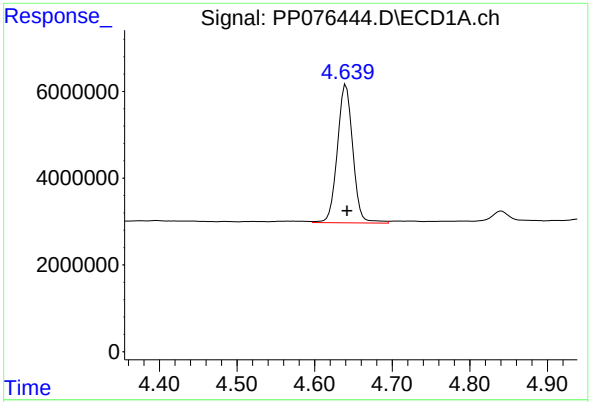
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:03 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







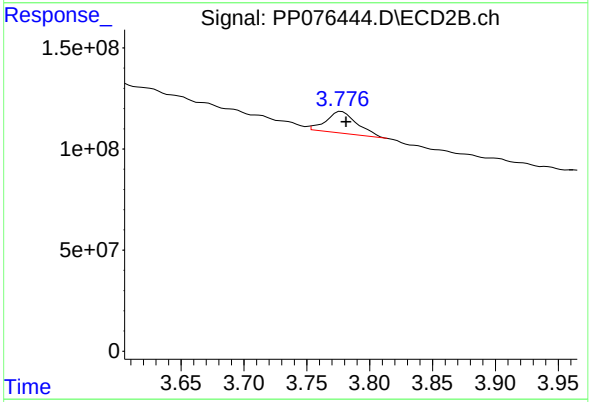
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.001 min
Response: 44090291
Conc: 30.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
EB-2

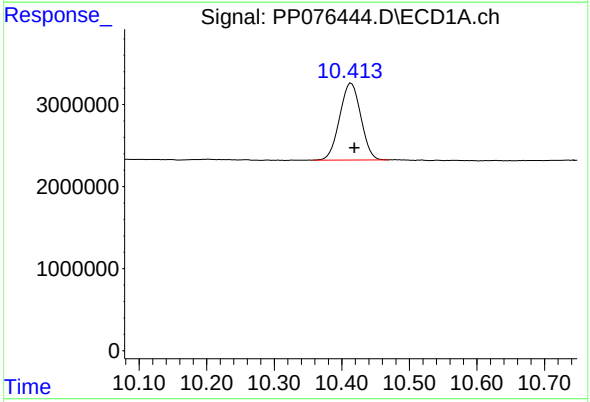
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



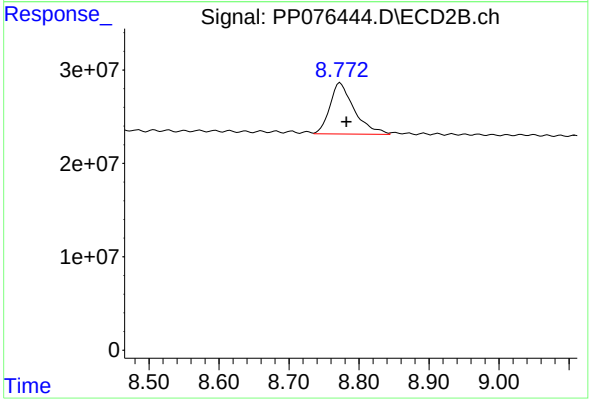
#1 Tetrachloro-m-xylene

R.T.: 3.776 min
Delta R.T.: -0.005 min
Response: 179736032
Conc: 27.16 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.005 min
Response: 20365007
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 132870389
Conc: 16.16 ng/ml

Sample Results: **PP076445.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:04
Operator : YP\AJ
Sample : Q3584-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
FB-2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:17 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	3.774	43870247	188.9E6	30.698m	28.538m
2)	SA Decachlor...	10.410	8.770	27688646	179.5E6	25.720	21.833
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076445.D**

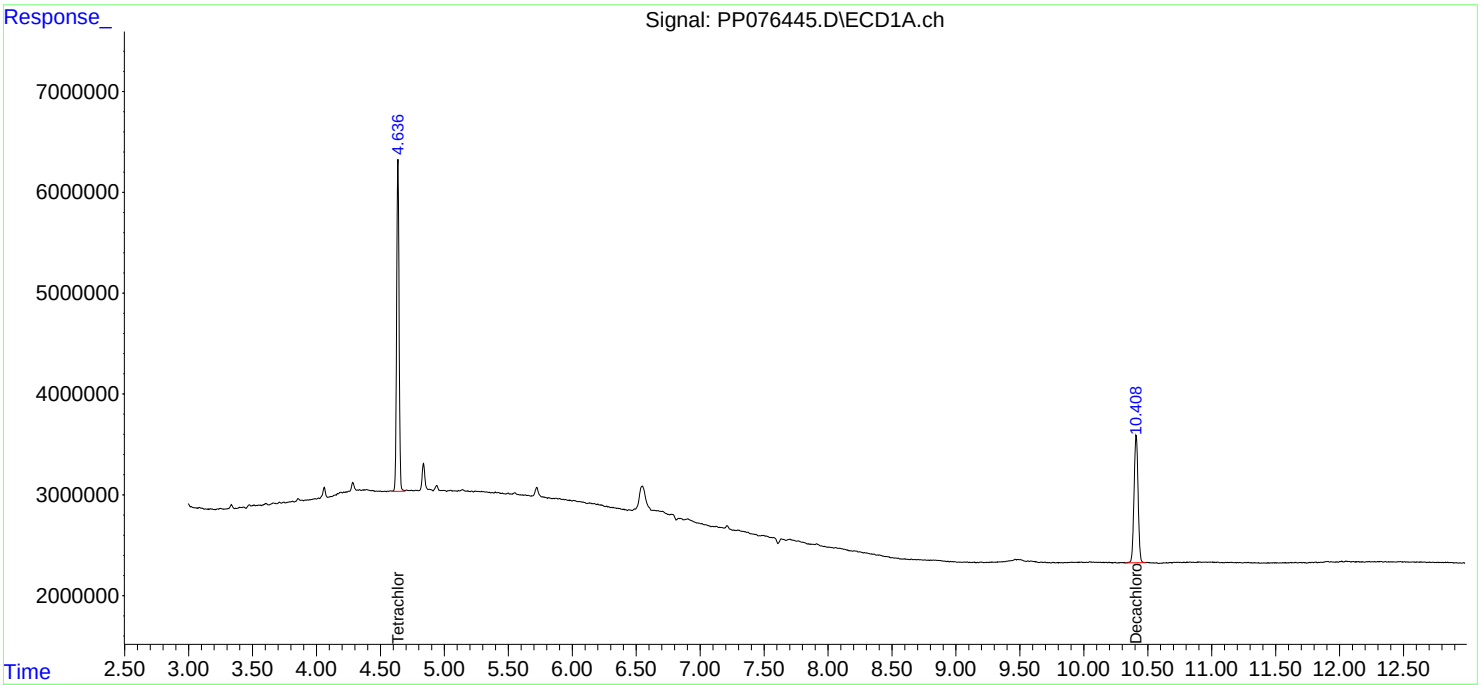
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:04
Operator : YP\AJ
Sample : Q3584-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

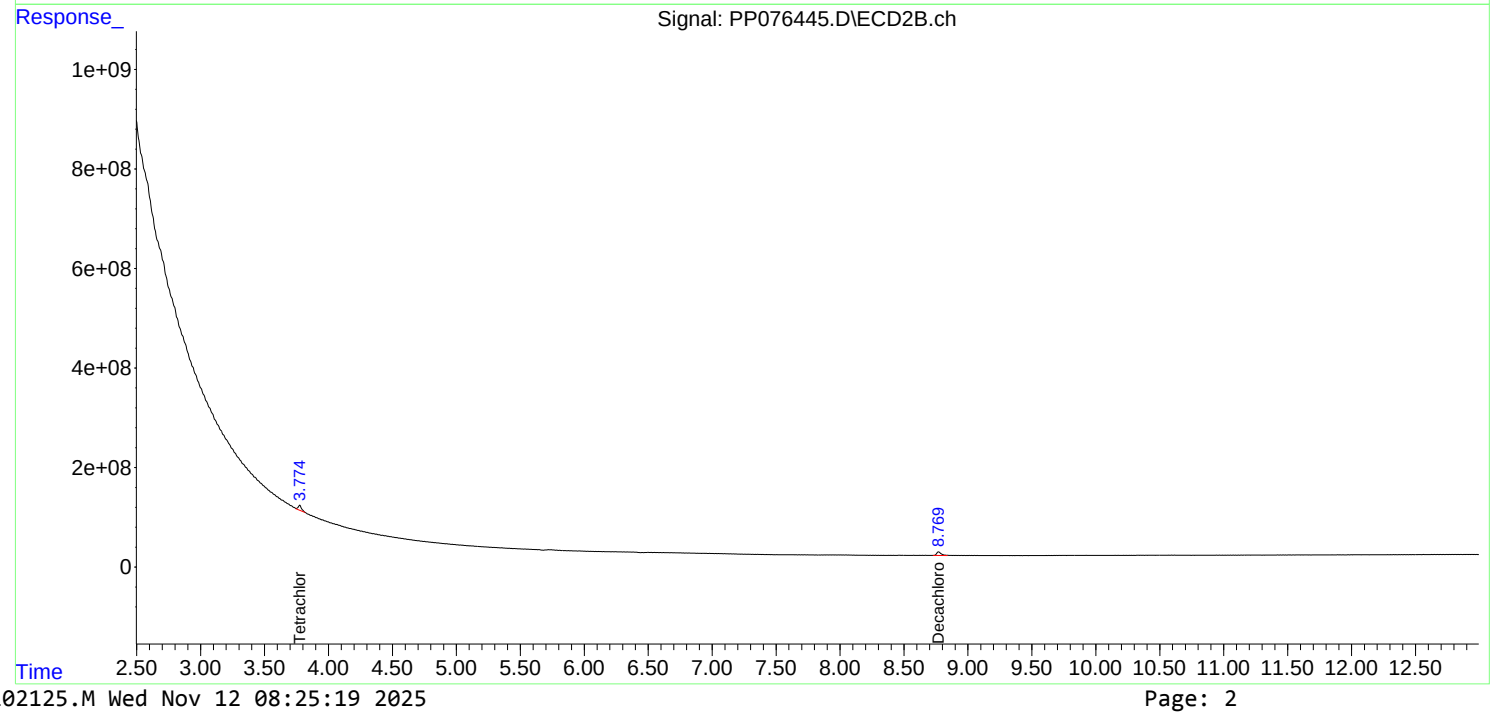
Instrument :
ECD_P
ClientSampleId :
FB-2

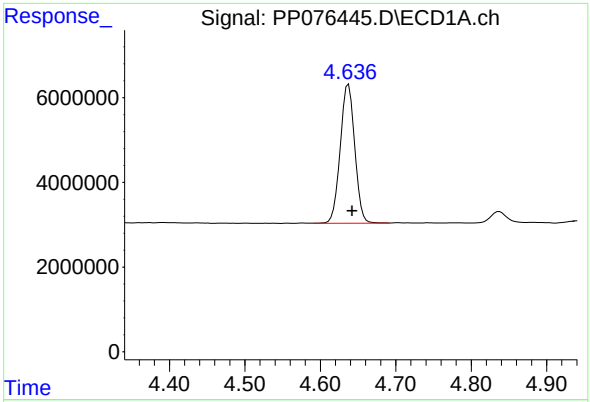
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:17 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







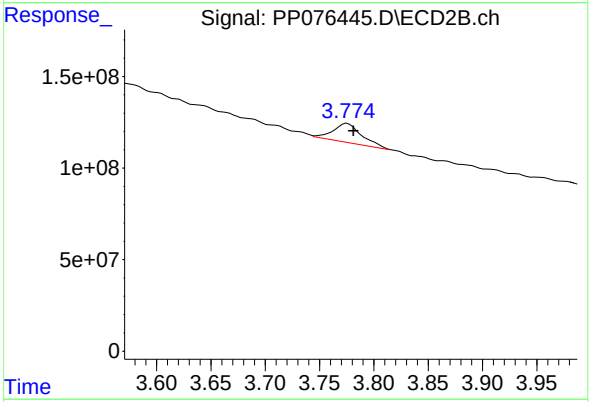
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 43870247
Conc: 30.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
FB-2

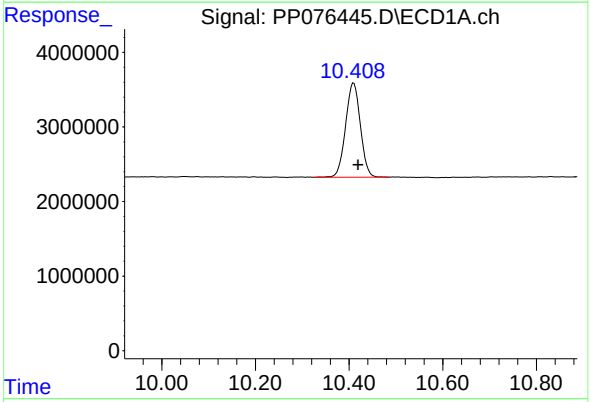
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



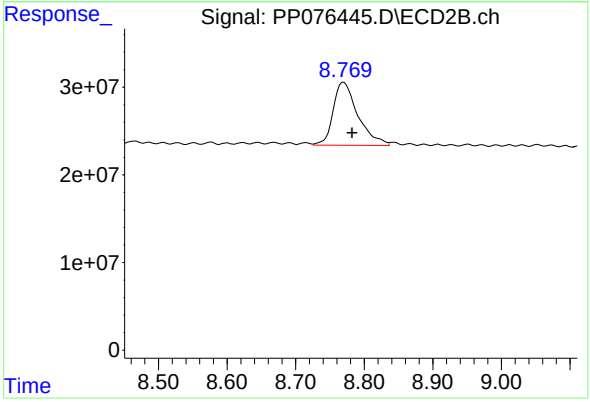
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.007 min
Response: 188874137
Conc: 28.54 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.009 min
Response: 27688646
Conc: 25.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.012 min
Response: 179532798
Conc: 21.83 ng/ml

Sample Results: **PP076446.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:20
Operator : YP\AJ
Sample : Q3584-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SEEP-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:31 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	3.776	30977419	67019033	21.676m	10.126m#
2)	SA Decachlor...	10.413	8.771	13207484	72577841	12.269m	8.826m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP076446.D**

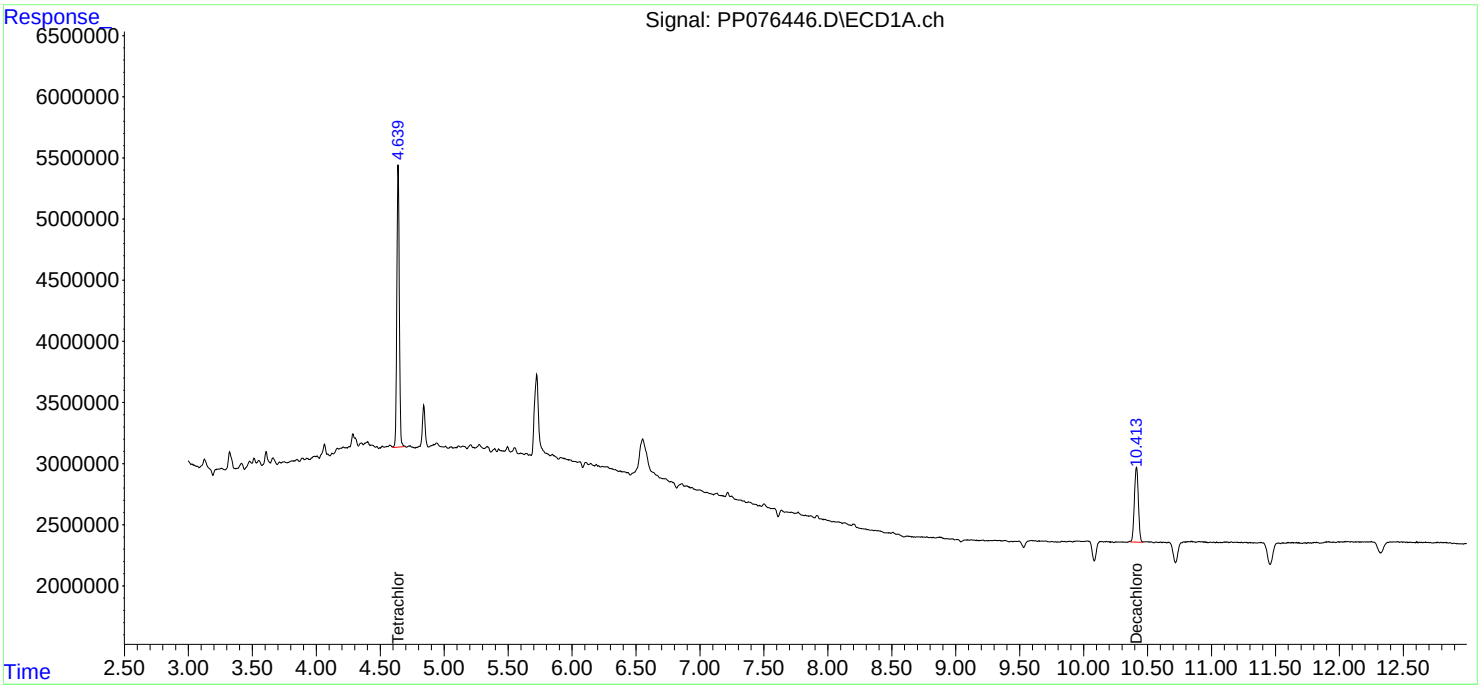
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111125\
Data File : PP076446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 18:20
Operator : YP\AJ
Sample : Q3584-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

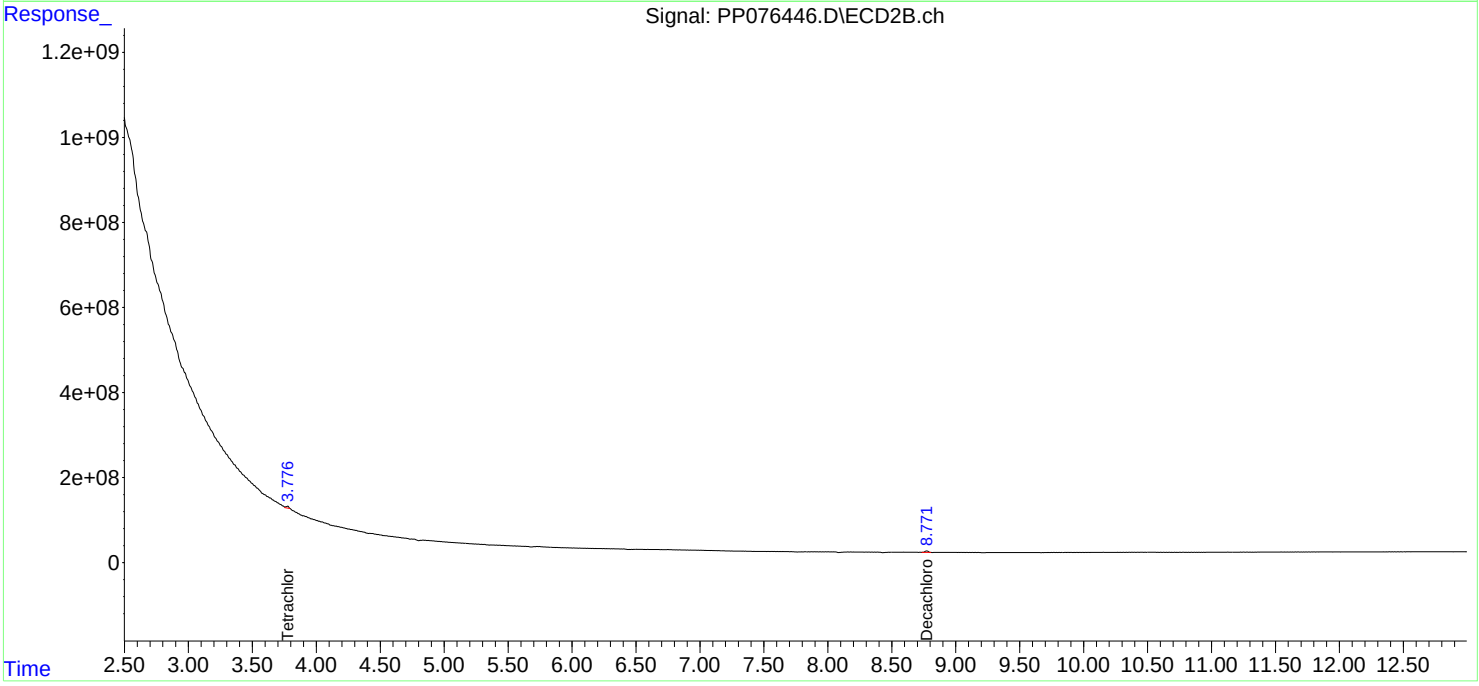
Instrument :
ECD_P
ClientSampleId :
SEEP-1

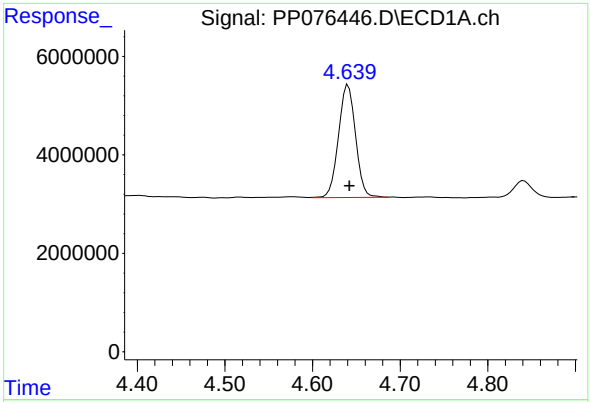
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:26:31 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







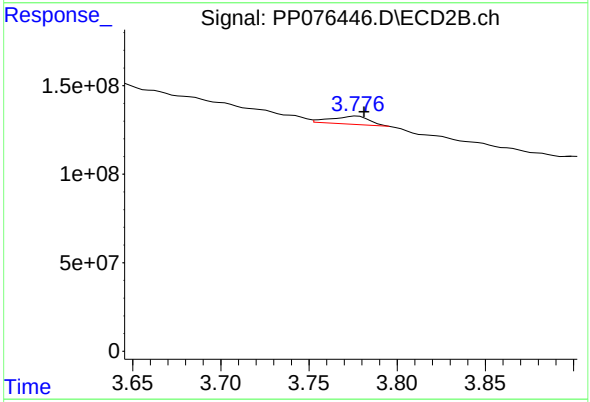
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 30977419
Conc: 21.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
SEEP-1

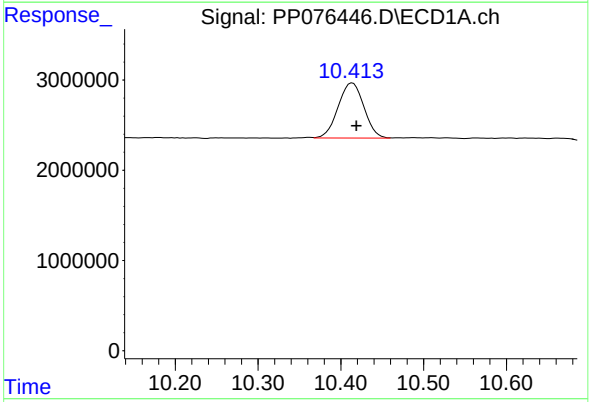
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



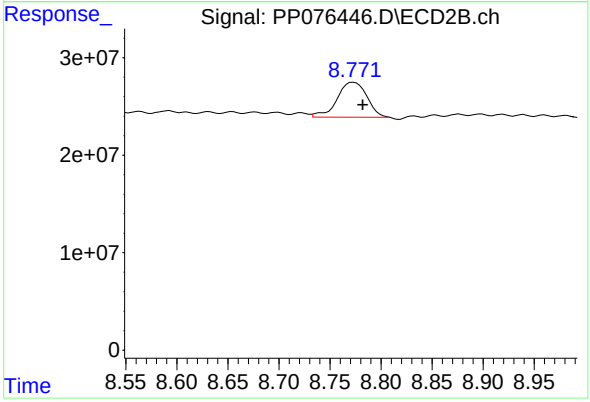
#1 Tetrachloro-m-xylene

R.T.: 3.776 min
Delta R.T.: -0.005 min
Response: 67019033
Conc: 10.13 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.006 min
Response: 13207484
Conc: 12.27 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.011 min
Response: 72577841
Conc: 8.83 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:21
Operator : YP/AJ
Sample : PB170484BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.648	164.3E6	105.1E6	23.343	23.533
2)	SA Decachlor...	9.933	8.641	103.2E6	99639319	23.342	25.524
	Target Compounds						

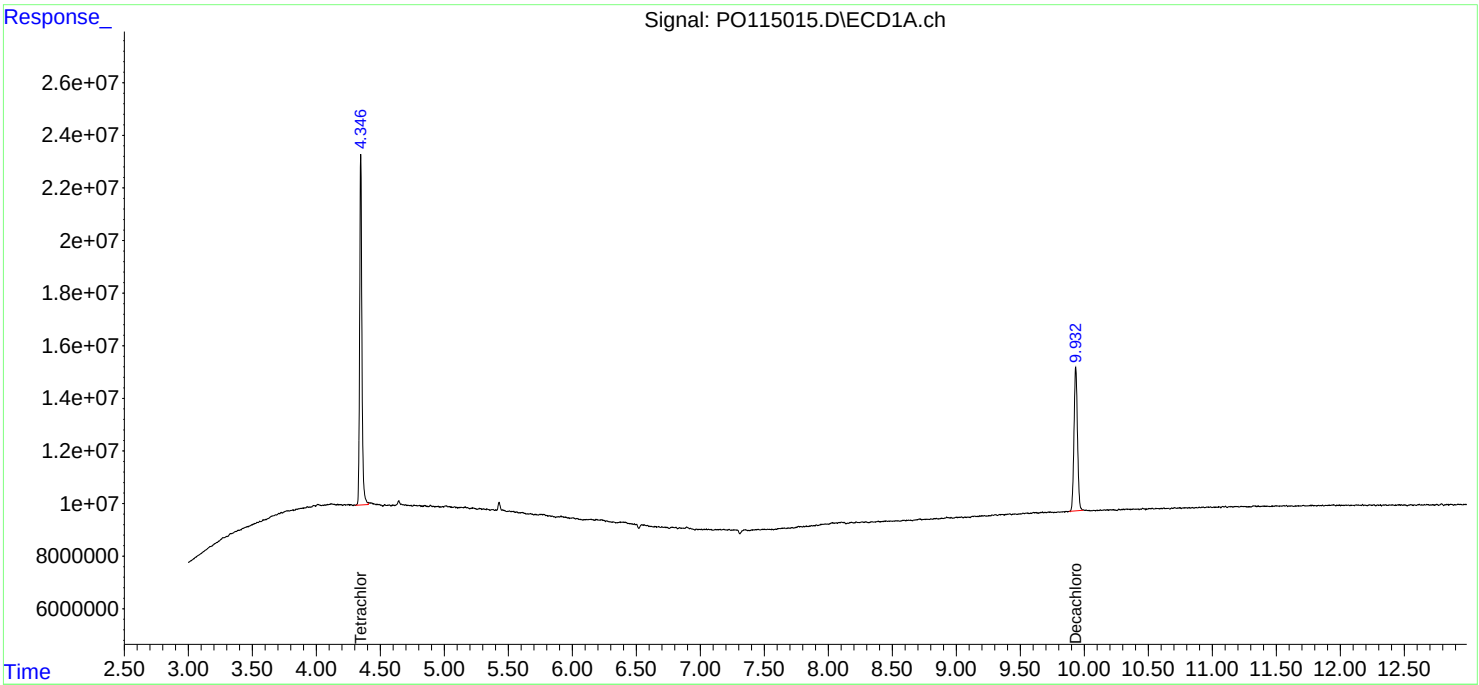
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

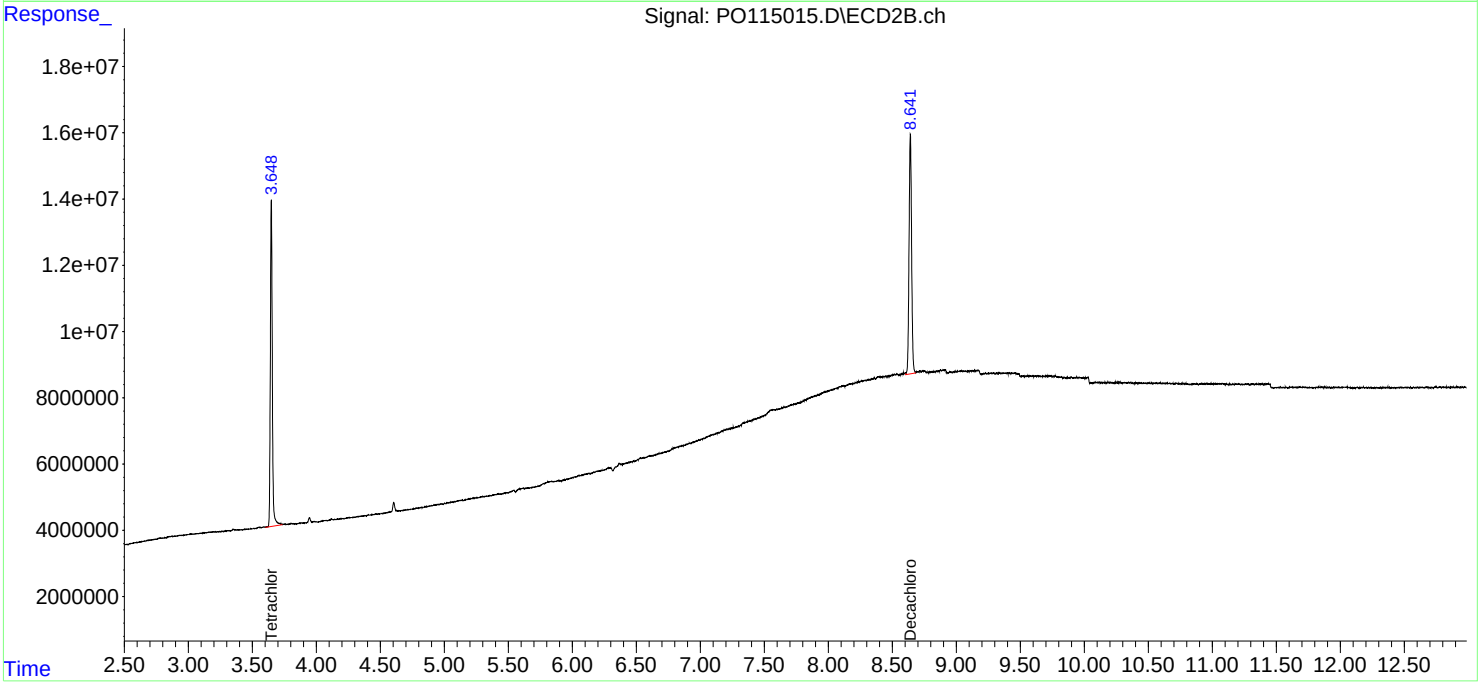
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:21
Operator : YP/AJ
Sample : PB170484BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

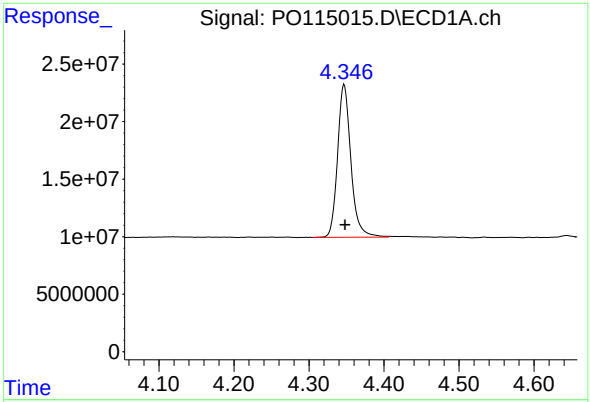
Instrument :
ECD_O
ClientSampleId :
PB170484BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



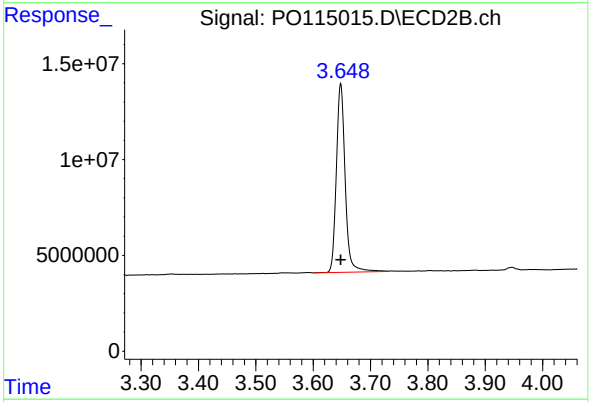




#1 Tetrachloro-m-xylene

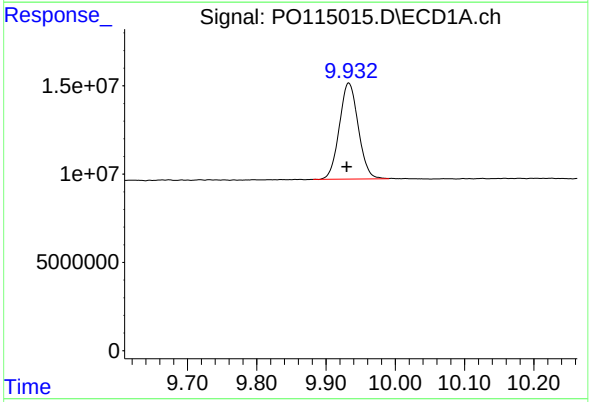
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 164293175
Conc: 23.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170484BL



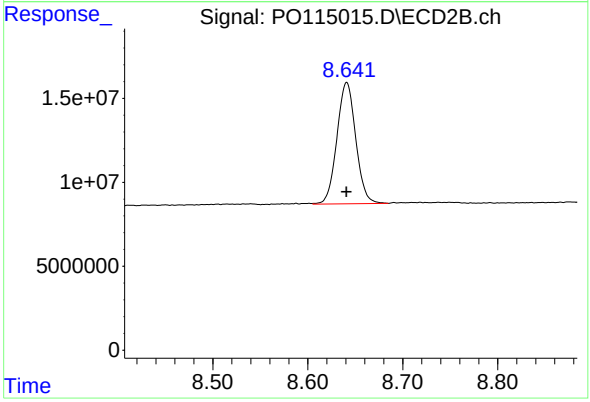
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 105115878
Conc: 23.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.003 min
Response: 103179122
Conc: 23.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 99639319
Conc: 25.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:39
Operator : YP/AJ
Sample : PB170484BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:51 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...	4.346	3.647	172.6E6	100.6E6	24.527	22.512
2)	SA Decachlor...	9.931	8.640	108.3E6	104.5E6	24.491	26.765
	Target Compounds						
3)	L1 AR-1016-1	5.485	4.726	104.1E6	75594978	423.203	397.334
4)	L1 AR-1016-2	5.507	4.745	164.6E6	107.8E6	414.586	397.960
5)	L1 AR-1016-3	5.569	4.919	95380311	59071360	427.713	399.203
6)	L1 AR-1016-4	5.664	4.962	78137126	46620044	413.697	397.044
7)	L1 AR-1016-5	5.956	5.174	70044782	59362677	393.075	388.719
31)	L7 AR-1260-1	7.070	6.204	125.8E6	118.4E6	411.722	400.002
32)	L7 AR-1260-2	7.324	6.392	179.0E6	198.6E6	452.139	461.879
33)	L7 AR-1260-3	7.682	6.544	121.6E6	139.2E6	366.316	396.517
34)	L7 AR-1260-4	7.904	7.015	115.8E6	107.0E6	379.730	353.115
35)	L7 AR-1260-5	8.210	7.256	261.8E6	293.0E6	367.111	356.623

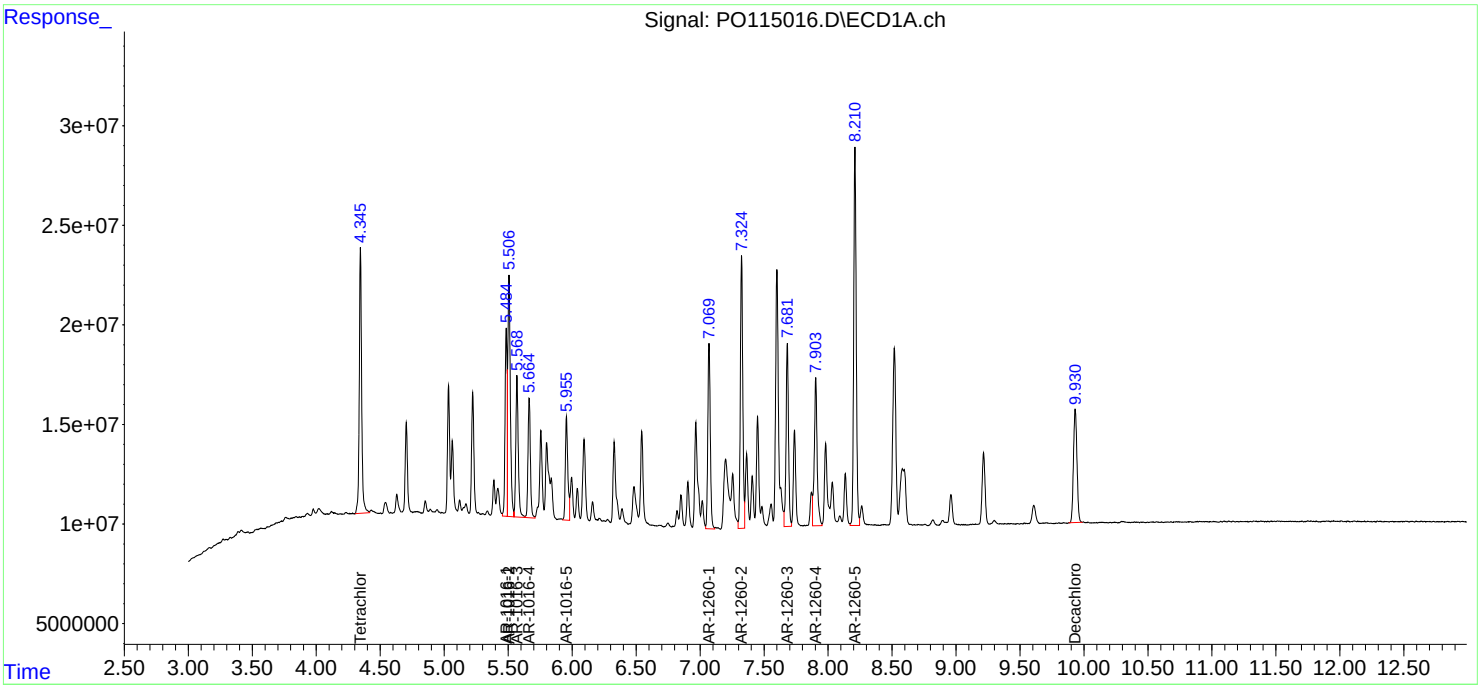
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

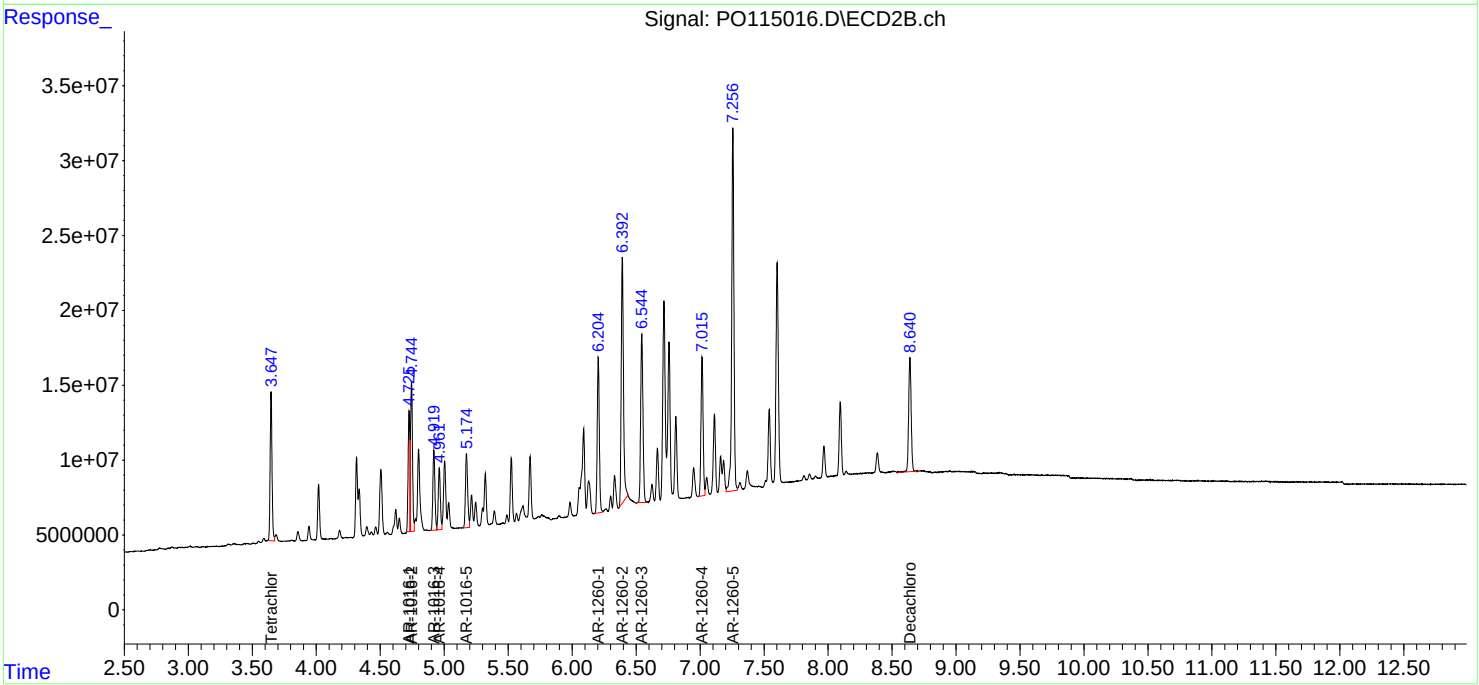
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:39
Operator : YP/AJ
Sample : PB170484BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:22:51 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\PO111125\
Data File : PO115017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:58
Operator : YP/AJ
Sample : PB170484BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.648	171.0E6	102.0E6	24.296	22.837
2)	SA Decachlor...	9.932	8.641	108.1E6	101.8E6	24.449	26.066
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.727	105.9E6	79668320	430.453	418.744
4)	L1 AR-1016-2	5.509	4.746	169.4E6	113.3E6	426.675	418.383
5)	L1 AR-1016-3	5.570	4.921	97712404	62161769	438.170	420.088
6)	L1 AR-1016-4	5.666	4.963	79955812	48131335	423.326	409.915
7)	L1 AR-1016-5	5.958	5.175	71736127	62149622	402.566	406.969
31)	L7 AR-1260-1	7.072	6.205	130.0E6	122.9E6	425.310	415.142
32)	L7 AR-1260-2	7.326	6.393	173.5E6	178.0E6	438.265	413.811
33)	L7 AR-1260-3	7.683	6.546	123.2E6	144.3E6	371.329	410.798
34)	L7 AR-1260-4	7.905	7.016	118.3E6	111.1E6	387.928	366.753
35)	L7 AR-1260-5	8.212	7.258	266.0E6	302.5E6	372.898	368.230

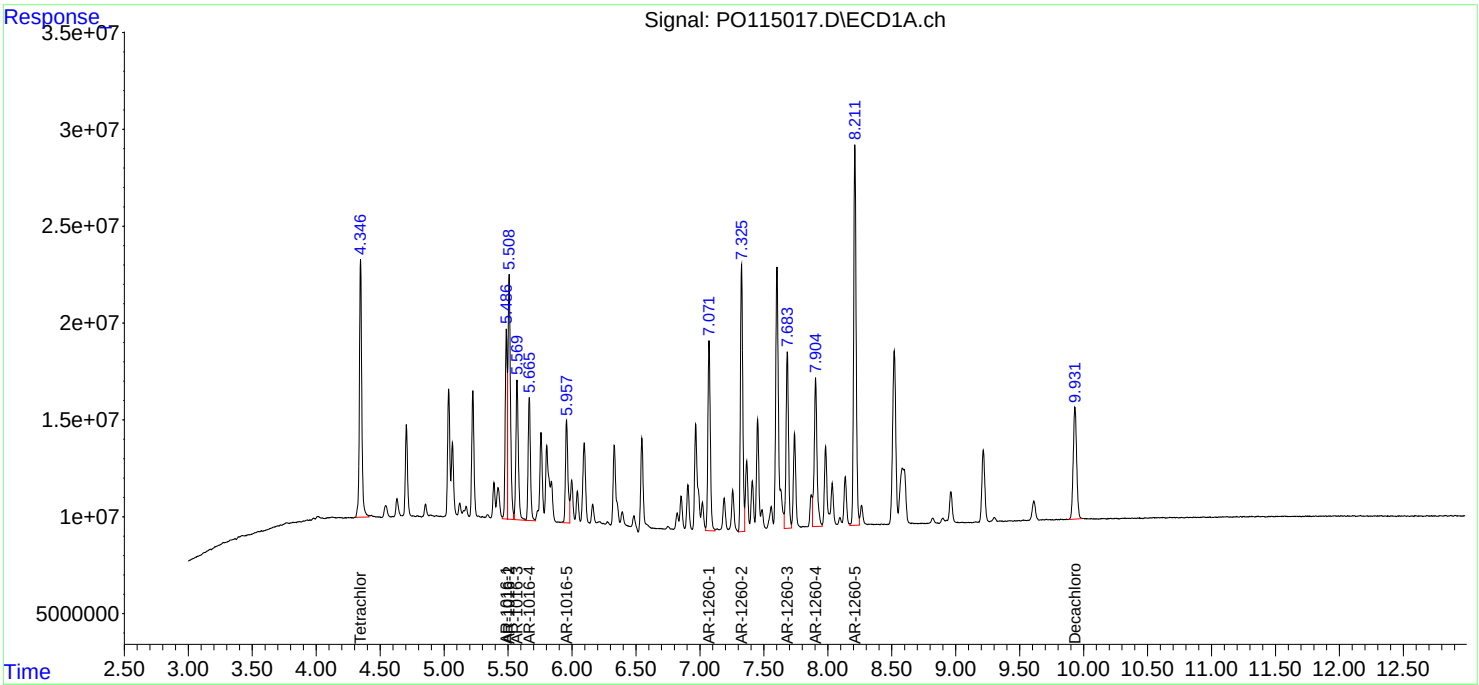
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

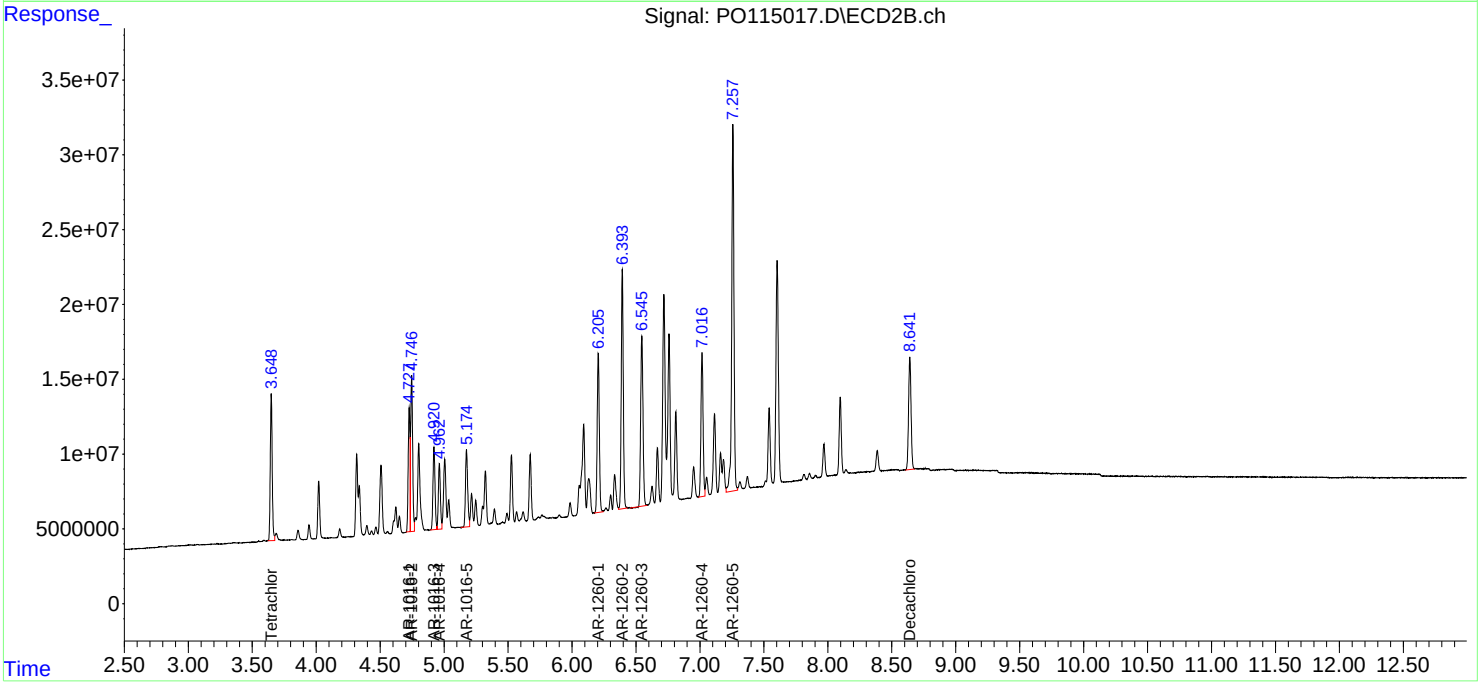
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111125\
Data File : PO115017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 17:58
Operator : YP/AJ
Sample : PB170484BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170484BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:23:07 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:	po111125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115026.D	AR-1242-1	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-2	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-3	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	Peak Integrated by Software
AR1242CCC500	PO115026.D	AR-1242-4	rahul	11/12/2025 8:55:09 AM	yogesh	11/12/2025 9:45:09	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:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP076420.D	AR-1016-1	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-1 #2	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-2	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-2 #2	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-3	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-4	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1016-5	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1260-1	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1660CCC50 0	PP076420.D	AR-1260-4 #2	rahul	11/12/2025 8:52:42 AM	yogesh	11/12/2025 9:43:12	Peak Integrated by Software
AR1242CCC50 0	PP076421.D	AR-1242-1	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software
AR1242CCC50 0	PP076421.D	AR-1242-2	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software
AR1242CCC50 0	PP076421.D	AR-1242-3	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software
AR1242CCC50 0	PP076421.D	AR-1242-4	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076421.D	AR-1242-4 #2	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software
AR1242CCC500	PP076421.D	AR-1242-5	rahul	11/12/2025 8:52:45 AM	yogesh	11/12/2025 9:44:38	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-1	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-1 #2	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-2	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-3	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-3 #2	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-4	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1248CCC500	PP076422.D	AR-1248-5	rahul	11/12/2025 8:52:48 AM	yogesh	11/12/2025 9:43:16	Peak Integrated by Software
AR1254CCC500	PP076423.D	AR-1254-1	rahul	11/12/2025 8:52:53 AM	yogesh	11/12/2025 9:43:22	Peak Integrated by Software
I.BLK	PP076424.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:52:57 AM	yogesh	11/12/2025 9:43:24	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-1	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-1 #2	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP076435.D	AR-1016-2	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-2 #2	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-3	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-4	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	AR-1016-5	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1660CCC500	PP076435.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:53:32 AM	yogesh	11/12/2025 9:43:49	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-1	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-1 #2	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-2	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-3	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-4	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-4 #2	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software
AR1242CCC500	PP076436.D	AR-1242-5	rahul	11/12/2025 8:53:34 AM	yogesh	11/12/2025 9:43:51	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP076437.D	AR-1248-1	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-1 #2	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-2	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-3	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-3 #2	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-4	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1248CCC500	PP076437.D	AR-1248-5	rahul	11/12/2025 8:53:37 AM	yogesh	11/12/2025 9:43:53	Peak Integrated by Software
AR1254CCC500	PP076438.D	AR-1254-1	rahul	11/12/2025 8:53:40 AM	yogesh	11/12/2025 9:43:55	Peak Integrated by Software
AR1254CCC500	PP076438.D	AR-1254-5	rahul	11/12/2025 8:53:40 AM	yogesh	11/12/2025 9:43:55	Peak Integrated by Software
Q3584-04	PP076444.D	Tetrachloro-m-xylene #2	rahul	11/12/2025 8:53:48 AM	yogesh	11/12/2025 9:44:03	Peak Integrated by Software
Q3584-05	PP076445.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:53:51 AM	yogesh	11/12/2025 9:44:05	Peak Integrated by Software
Q3584-05	PP076445.D	Tetrachloro-m-xylene #2	rahul	11/12/2025 8:53:51 AM	yogesh	11/12/2025 9:44:05	Peak Integrated by Software
Q3584-07	PP076446.D	Decachlorobiphenyl	rahul	11/12/2025 8:53:56 AM	yogesh	11/12/2025 9:44:08	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3584-07	PP076446.D	Decachlorobiphenyl #2	rahul	11/12/2025 8:53:56 AM	yogesh	11/12/2025 9:44:08	Peak Integrated by Software
Q3584-07	PP076446.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:53:56 AM	yogesh	11/12/2025 9:44:08	Peak Integrated by Software
Q3584-07	PP076446.D	Tetrachloro-m-xylene #2	rahul	11/12/2025 8:53:56 AM	yogesh	11/12/2025 9:44:08	Peak Integrated by Software
Q3584-03	PP076447.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:53:59 AM	yogesh	11/12/2025 9:44:10	Peak Integrated by Software
Q3584-03	PP076447.D	Tetrachloro-m-xylene #2	rahul	11/12/2025 8:53:59 AM	yogesh	11/12/2025 9:44:10	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-1	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-1 #2	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-2	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-3	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-4	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1660CCC500	PP076448.D	AR-1016-5	rahul	11/12/2025 8:54:02 AM	yogesh	11/12/2025 9:44:12	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-1	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-1 #2	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076449.D	AR-1242-2	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-2 #2	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-3	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-4	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-4 #2	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-5	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1242CCC500	PP076449.D	AR-1242-5 #2	rahul	11/12/2025 8:54:06 AM	yogesh	11/12/2025 9:44:14	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-1	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-1 #2	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-2	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-3	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-3 #2	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	AR-1248-4	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP111125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP076450.D	AR-1248-5	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1248CCC500	PP076450.D	Tetrachloro-m-xylene	rahul	11/12/2025 8:54:10 AM	yogesh	11/12/2025 9:44:16	Peak Integrated by Software
AR1254CCC500	PP076451.D	AR-1254-5	rahul	11/12/2025 8:54:13 AM	yogesh	11/12/2025 9:44:18	Peak Integrated by Software

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

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	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	PO114994.D	11 Nov 2025 09:40	YP/AJ	Ok
2	AR1660CCC500	PO114995.D	11 Nov 2025 09:58	YP/AJ	Ok
3	AR1242CCC500	PO114996.D	11 Nov 2025 10:23	YP/AJ	Ok
4	AR1248CCC500	PO114997.D	11 Nov 2025 10:42	YP/AJ	Ok
5	AR1254CCC500	PO114998.D	11 Nov 2025 11:00	YP/AJ	Ok
6	I.BLK	PO114999.D	11 Nov 2025 11:18	YP/AJ	Ok
7	PB170475BL	PO115000.D	11 Nov 2025 11:50	YP/AJ	Ok
8	PB170475BS	PO115001.D	11 Nov 2025 12:09	YP/AJ	Ok
9	Q3586-01	PO115002.D	11 Nov 2025 12:27	YP/AJ	Ok
10	Q3586-01MS	PO115003.D	11 Nov 2025 12:45	YP/AJ	Ok
11	Q3586-01MSD	PO115004.D	11 Nov 2025 13:04	YP/AJ	Ok
12	Q3586-02	PO115005.D	11 Nov 2025 13:22	YP/AJ	Ok
13	Q3586-03	PO115006.D	11 Nov 2025 13:40	YP/AJ	Ok
14	Q3590-01	PO115007.D	11 Nov 2025 13:59	YP/AJ	Ok,M
15	Q3590-03	PO115008.D	11 Nov 2025 14:17	YP/AJ	Ok
16	Q3590-05	PO115009.D	11 Nov 2025 14:36	YP/AJ	Ok,M
17	AR1660CCC500	PO115010.D	11 Nov 2025 15:49	YP/AJ	Ok
18	AR1242CCC500	PO115011.D	11 Nov 2025 16:07	YP/AJ	Ok
19	AR1248CCC500	PO115012.D	11 Nov 2025 16:26	YP/AJ	Ok
20	AR1254CCC500	PO115013.D	11 Nov 2025 16:44	YP/AJ	Ok
21	I.BLK	PO115014.D	11 Nov 2025 17:03	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	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	PB170484BL	PO115015.D	11 Nov 2025 17:21	YP/AJ	Ok
23	PB170484BS	PO115016.D	11 Nov 2025 17:39	YP/AJ	Ok
24	PB170484BSD	PO115017.D	11 Nov 2025 17:58	YP/AJ	Ok
25	Q3551-01	PO115018.D	11 Nov 2025 18:16	YP/AJ	Ok
26	Q3561-01	PO115019.D	11 Nov 2025 18:34	YP/AJ	Dilution
27	Q3569-01	PO115020.D	11 Nov 2025 18:53	YP/AJ	Ok
28	Q3569-02	PO115021.D	11 Nov 2025 19:11	YP/AJ	Ok
29	Q3584-01	PO115022.D	11 Nov 2025 19:30	YP/AJ	Ok
30	Q3584-02	PO115023.D	11 Nov 2025 19:48	YP/AJ	Ok
31	Q3595-01	PO115024.D	11 Nov 2025 20:05	YP/AJ	Ok,M
32	AR1660CCC500	PO115025.D	11 Nov 2025 21:19	YP/AJ	Ok
33	AR1242CCC500	PO115026.D	11 Nov 2025 22:14	YP/AJ	Ok,M
34	AR1248CCC500	PO115027.D	11 Nov 2025 22:32	YP/AJ	Ok
35	AR1254CCC500	PO115028.D	11 Nov 2025 22:51	YP/AJ	Ok
36	I.BLK	PO115029.D	11 Nov 2025 23:09	YP/AJ	Ok

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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 # PP111125

Review By	rahul	Review On	11/12/2025 8:54:28 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:44:47 AM		
SubDirectory	PP111125	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	PP076419.D	11 Nov 2025 09:36	YP\AJ	Ok
2	AR1660CCC500	PP076420.D	11 Nov 2025 09:52	YP\AJ	Ok,M
3	AR1242CCC500	PP076421.D	11 Nov 2025 10:12	YP\AJ	Ok,M
4	AR1248CCC500	PP076422.D	11 Nov 2025 10:28	YP\AJ	Ok,M
5	AR1254CCC500	PP076423.D	11 Nov 2025 10:45	YP\AJ	Ok,M
6	I.BLK	PP076424.D	11 Nov 2025 11:01	YP\AJ	Ok,M
7	Q3581-01	PP076425.D	11 Nov 2025 11:51	YP\AJ	Ok,M
8	Q3581-03	PP076426.D	11 Nov 2025 12:07	YP\AJ	Ok,M
9	Q3581-05	PP076427.D	11 Nov 2025 12:23	YP\AJ	Ok,M
10	Q3581-07	PP076428.D	11 Nov 2025 12:39	YP\AJ	Ok,M
11	Q3582-04	PP076429.D	11 Nov 2025 12:56	YP\AJ	Ok,M
12	Q3583-04	PP076430.D	11 Nov 2025 13:12	YP\AJ	Ok,M
13	Q3587-01	PP076431.D	11 Nov 2025 13:28	YP\AJ	Ok,M
14	Q3588-01	PP076432.D	11 Nov 2025 13:44	YP\AJ	Ok,M
15	Q3588-03	PP076433.D	11 Nov 2025 14:01	YP\AJ	Ok,M
16	Q3592-01	PP076434.D	11 Nov 2025 14:17	YP\AJ	Ok,M
17	AR1660CCC500	PP076435.D	11 Nov 2025 15:22	YP\AJ	Ok,M
18	AR1242CCC500	PP076436.D	11 Nov 2025 15:38	YP\AJ	Ok,M
19	AR1248CCC500	PP076437.D	11 Nov 2025 15:54	YP\AJ	Ok,M
20	AR1254CCC500	PP076438.D	11 Nov 2025 16:11	YP\AJ	Ok,M
21	I.BLK	PP076439.D	11 Nov 2025 16:27	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP111125

Review By	rahul	Review On	11/12/2025 8:54:28 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:44:47 AM		
SubDirectory	PP111125	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	Q3593-04	PP076440.D	11 Nov 2025 16:43	YP\AJ	Ok,M
23	Q3593-06	PP076441.D	11 Nov 2025 16:59	YP\AJ	Ok,M
24	Q3593-08	PP076442.D	11 Nov 2025 17:16	YP\AJ	Ok
25	Q3593-10	PP076443.D	11 Nov 2025 17:32	YP\AJ	Ok
26	Q3584-04	PP076444.D	11 Nov 2025 17:48	YP\AJ	Ok,M
27	Q3584-05	PP076445.D	11 Nov 2025 18:04	YP\AJ	Ok,M
28	Q3584-07	PP076446.D	11 Nov 2025 18:20	YP\AJ	Ok,M
29	Q3584-03	PP076447.D	11 Nov 2025 18:37	YP\AJ	Ok,M
30	AR1660CCC500	PP076448.D	11 Nov 2025 19:42	YP\AJ	Ok,M
31	AR1242CCC500	PP076449.D	11 Nov 2025 20:30	YP\AJ	Ok,M
32	AR1248CCC500	PP076450.D	11 Nov 2025 20:46	YP\AJ	Ok,M
33	AR1254CCC500	PP076451.D	11 Nov 2025 21:03	YP\AJ	Ok,M
34	I.BLK	PP076452.D	11 Nov 2025 21:19	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 # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	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	PO114994.D	11 Nov 2025 09:40		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114995.D	11 Nov 2025 09:58		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114996.D	11 Nov 2025 10:23		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114997.D	11 Nov 2025 10:42		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114998.D	11 Nov 2025 11:00		YP/AJ	Ok
6	I.BLK	I.BLK	PO114999.D	11 Nov 2025 11:18		YP/AJ	Ok
7	PB170475BL	PB170475BL	PO115000.D	11 Nov 2025 11:50		YP/AJ	Ok
8	PB170475BS	PB170475BS	PO115001.D	11 Nov 2025 12:09		YP/AJ	Ok
9	Q3586-01	SED-1	PO115002.D	11 Nov 2025 12:27		YP/AJ	Ok
10	Q3586-01MS	SED-1MS	PO115003.D	11 Nov 2025 12:45		YP/AJ	Ok
11	Q3586-01MSD	SED-1MSD	PO115004.D	11 Nov 2025 13:04		YP/AJ	Ok
12	Q3586-02	SED-2	PO115005.D	11 Nov 2025 13:22		YP/AJ	Ok
13	Q3586-03	SED-3	PO115006.D	11 Nov 2025 13:40		YP/AJ	Ok
14	Q3590-01	MOO-25-0314-0316-C(	PO115007.D	11 Nov 2025 13:59		YP/AJ	Ok,M
15	Q3590-03	MOO-25-0317-0318-C(	PO115008.D	11 Nov 2025 14:17		YP/AJ	Ok
16	Q3590-05	MOO-25-0319	PO115009.D	11 Nov 2025 14:36		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO115010.D	11 Nov 2025 15:49		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO115011.D	11 Nov 2025 16:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111125

Review By	rahul	Review On	11/12/2025 8:55:27 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:45:24 AM		
SubDirectory	PO111125	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	AR1248CCC500	AR1248CCC500	PO115012.D	11 Nov 2025 16:26		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO115013.D	11 Nov 2025 16:44		YP/AJ	Ok
21	I.BLK	I.BLK	PO115014.D	11 Nov 2025 17:03		YP/AJ	Ok
22	PB170484BL	PB170484BL	PO115015.D	11 Nov 2025 17:21		YP/AJ	Ok
23	PB170484BS	PB170484BS	PO115016.D	11 Nov 2025 17:39		YP/AJ	Ok
24	PB170484BSD	PB170484BSD	PO115017.D	11 Nov 2025 17:58		YP/AJ	Ok
25	Q3551-01	MANHOLE	PO115018.D	11 Nov 2025 18:16		YP/AJ	Ok
26	Q3561-01	1027-A-D	PO115019.D	11 Nov 2025 18:34	TCMX high in 2nd column , AR1248 hit , need 2x dilution	YP/AJ	Dilution
27	Q3569-01	MW-2	PO115020.D	11 Nov 2025 18:53		YP/AJ	Ok
28	Q3569-02	MW-12	PO115021.D	11 Nov 2025 19:11		YP/AJ	Ok
29	Q3584-01	SW-1	PO115022.D	11 Nov 2025 19:30		YP/AJ	Ok
30	Q3584-02	SW-2	PO115023.D	11 Nov 2025 19:48		YP/AJ	Ok
31	Q3595-01	LAW-25-0176	PO115024.D	11 Nov 2025 20:05		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO115025.D	11 Nov 2025 21:19		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO115026.D	11 Nov 2025 22:14		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO115027.D	11 Nov 2025 22:32		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO115028.D	11 Nov 2025 22:51		YP/AJ	Ok
36	I.BLK	I.BLK	PO115029.D	11 Nov 2025 23:09		YP/AJ	Ok

M : Manual Integration

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

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 # PP111125

Review By	rahul	Review On	11/12/2025 8:54:28 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:44:47 AM		
SubDirectory	PP111125	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	PP076419.D	11 Nov 2025 09:36		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076420.D	11 Nov 2025 09:52		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP076421.D	11 Nov 2025 10:12		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076422.D	11 Nov 2025 10:28		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076423.D	11 Nov 2025 10:45		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076424.D	11 Nov 2025 11:01		YP\AJ	Ok,M
7	Q3581-01	VNJ-238	PP076425.D	11 Nov 2025 11:51	TCMX high in 2nd column	YP\AJ	Ok,M
8	Q3581-03	VNJ-245	PP076426.D	11 Nov 2025 12:07	TCMX high in 1st column	YP\AJ	Ok,M
9	Q3581-05	VNJ-240	PP076427.D	11 Nov 2025 12:23		YP\AJ	Ok,M
10	Q3581-07	RBR200059	PP076428.D	11 Nov 2025 12:39		YP\AJ	Ok,M
11	Q3582-04	RT4912	PP076429.D	11 Nov 2025 12:56		YP\AJ	Ok,M
12	Q3583-04	CHRT27080	PP076430.D	11 Nov 2025 13:12		YP\AJ	Ok,M
13	Q3587-01	NB-08-110725	PP076431.D	11 Nov 2025 13:28	TCMX high in 1st column	YP\AJ	Ok,M
14	Q3588-01	TR-06-11072025	PP076432.D	11 Nov 2025 13:44	TCMX high in 1st column	YP\AJ	Ok,M
15	Q3588-03	TR-01-11072025	PP076433.D	11 Nov 2025 14:01		YP\AJ	Ok,M
16	Q3592-01	11625	PP076434.D	11 Nov 2025 14:17	TCMX high in 1st column	YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP076435.D	11 Nov 2025 15:22		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP076436.D	11 Nov 2025 15:38		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP111125

Review By	rahul	Review On	11/12/2025 8:54:28 AM		
Supervise By	yogesh	Supervise On	11/12/2025 9:44:47 AM		
SubDirectory	PP111125	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	AR1248CCC500	AR1248CCC500	PP076437.D	11 Nov 2025 15:54		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP076438.D	11 Nov 2025 16:11		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP076439.D	11 Nov 2025 16:27		YP\AJ	Ok
22	Q3593-04	A-LAW-25-0167-0175-(	PP076440.D	11 Nov 2025 16:43		YP\AJ	Ok,M
23	Q3593-06	B-LAW-25-0167-0175-(	PP076441.D	11 Nov 2025 16:59		YP\AJ	Ok,M
24	Q3593-08	C-LAW-25-0156-0166-(	PP076442.D	11 Nov 2025 17:16		YP\AJ	Ok
25	Q3593-10	D-LAW-25-0156-0166-(	PP076443.D	11 Nov 2025 17:32		YP\AJ	Ok
26	Q3584-04	EB-2	PP076444.D	11 Nov 2025 17:48		YP\AJ	Ok,M
27	Q3584-05	FB-2	PP076445.D	11 Nov 2025 18:04		YP\AJ	Ok,M
28	Q3584-07	SEEP-1	PP076446.D	11 Nov 2025 18:20		YP\AJ	Ok,M
29	Q3584-03	SW-3	PP076447.D	11 Nov 2025 18:37		YP\AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PP076448.D	11 Nov 2025 19:42		YP\AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PP076449.D	11 Nov 2025 20:30		YP\AJ	Ok,M
32	AR1248CCC500	AR1248CCC500	PP076450.D	11 Nov 2025 20:46		YP\AJ	Ok,M
33	AR1254CCC500	AR1254CCC500	PP076451.D	11 Nov 2025 21:03		YP\AJ	Ok,M
34	I.BLK	I.BLK	PP076452.D	11 Nov 2025 21:19		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB170484

SOP ID:	M3510C,3580A-Extraction PCB-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	11/11/2025
Matrix :	Water			**Extraction Start Time :**	09:19
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/11/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:45
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	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	EP2657
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. Q3569 all samples and Q3584-04 & 05 split the volume Q3595-01 used Limited volume as sample is oily.

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
11/11/25	RS (Ext-lab)	Y.P.P 11/11/25
13:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170484

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170484BL	ABLK484	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB170484BS	ALCS484	PCB	1000	6	RUPESH	ritesh	10			2
PB170484BSD	ALCSD484	PCB	1000	6	RUPESH	ritesh	10			3
Q3551-01	MANHOLE	PCB	930	6	RUPESH	ritesh	10	K		4
Q3561-01	1027-A-D	PCB	970	6	RUPESH	ritesh	10	C		5
Q3569-01	MW-2	PCB	485	6	RUPESH	ritesh	5	L		6
Q3569-02	MW-12	PCB	475	6	RUPESH	ritesh	5	L		7
Q3584-01	SW-1	PCB	1000	6	RUPESH	ritesh	10	L		8
Q3584-02	SW-2	PCB	1000	6	RUPESH	ritesh	10	L		9
Q3584-03	SW-3	PCB	990	6	RUPESH	ritesh	10	L		10
Q3584-04	EB-2	PCB	480	6	RUPESH	ritesh	5	F		11
Q3584-05	FB-2	PCB	490	6	RUPESH	ritesh	5	G		12
Q3584-07	SEEP-1	PCB	1000	6	RUPESH	ritesh	10	L		13
Q3595-01	LAW-25-0176	PCB	100	6	RUPESH	ritesh	10	C	Oily	14

RS
11/11

* **Extracts relinguished on the same date as received.**

170484
9:19

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3561 **WorkList ID :** 193039 **Department :** Extraction **Date :** 11-11-2025 08:37:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3551-01	MANHOLE	Water	PCB	Cool 4 deg C	SPEC01	D41	11/05/2025	8082A
Q3561-01	1027-A-D	Water	PCB	Cool 4 deg C	PSEG03	D41	11/06/2025	8082A
Q3569-01	MW-2	Water	PCB	Cool 4 deg C	REMI02	J22	11/05/2025	8082A
Q3569-02	MW-12	Water	PCB	Cool 4 deg C	REMI02	J22	11/05/2025	8082A
Q3584-01	SW-1	Water	PCB	Cool 4 deg C	REMI02	D41	11/06/2025	8082A
Q3584-02	SW-2	Water	PCB	Cool 4 deg C	REMI02		11/07/2025	8082A
Q3584-03	SW-3	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3584-04	EB-2	Water	PCB	Cool 4 deg C	REMI02	D41	11/06/2025	8082A
Q3584-05	FB-2	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3584-07	SEEP-1	Water	PCB	Cool 4 deg C	REMI02	D41	11/07/2025	8082A
Q3595-01	LAW-25-0176	Water	PCB	Cool 4 deg C	PSEG03	D41	11/07/2025	8082A

Date/Time 11/11/25 9:15
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 10:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3584-02	**SW-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3584-03	**SW-3**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3584-04	**EB-2**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3584-05	**FB-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
Q3584-07	**SEEP-1**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	

SAMPLE DATA

Raw Data: FE016568.D

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-01			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.22	J	1	2.09	20.2	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.30	30.3	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.7	J	1	8.35	50.5	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	24.0	U	1	24.0	80.8	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.2			40 - 140	96%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	51.6			40 - 140	103%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.1			40 - 140	56%	SPK: 50		

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-01	Acq On:	12 Nov 2025 16:55
Client Sample ID:	SW-1	Operator:	YP\AJ
Data file:	FF016660.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	275733	2.089	200	ug/ml
Aromatic C12-C16	6.385	9.088	460323	3.406	300	ug/ml
Aromatic C16-C21	9.089	13.409	2166698	16.2	500	ug/ml
Aromatic C21-C36	13.410	18.874	973244	8.271	800	ug/ml
Aromatic EPH	4.507	18.874	3875998	29.967		ug/ml
2-Bromonaphthalene (SURR)	8.013	8.013	5457837	48.16		ug/ml
2-Flurobiphenyl (SURR)	8.889	8.889	3683610	51.65		ug/ml
ortho-Terphenyl (SURR)	11.956	11.956	4131619	28.13		ug/ml

Raw Data: FG016908.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:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.36	U	1	8.36	30.3	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	1	13.6	20.2	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	61.1		1	8.42	30.3	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	23.1	J	1	12.6	40.4	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	112		1	24.0	60.6	ug/l	FG016908.D	11/13/25 12:38	PB170496
Aromatic C10-C12	Aromatic C10-C12	4.22	J	1	2.09	20.2	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.30	30.3	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.7	J	1	8.35	50.5	ug/l	FF016660.D	11/12/25 16:55	PB170496
Aromatic C21-C36	Aromatic C21-C36	24.0	U	1	24.0	80.8	ug/l	FF016660.D	11/12/25 16:55	PB170496
Total AliphaticEPH	Total AliphaticEPH	196			67.0	182	ug/l			
Total AromaticEPH	Total AromaticEPH	43.8	J		38.7	182	ug/l			
Total EPH	Total EPH	240	J		106	364	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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:	11/07/25
Client Sample ID:	SW-1			SDG No.:	Q3584
Lab Sample ID:	Q3584-01			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.36	U	1	8.36	30.3	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.6	U	1	13.6	20.2	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	61.1		1	8.42	30.3	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	23.1	J	1	12.6	40.4	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	112		1	24.0	60.6	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.5			40 - 140	55%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-01	Acq On:	13 Nov 2025 12:38
Client Sample ID:	SW-1	Operator:	YP\AJ
Data file:	FG016908.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	346034	2.836	300	ug/ml
Aliphatic C12-C16	6.904	10.362	539574	4.392	200	ug/ml
Aliphatic C16-C21	10.363	13.751	4005888	30.257	300	ug/ml
Aliphatic C21-C28	13.752	17.437	1593074	11.458	400	ug/ml
Aliphatic C28-C40	17.438	22.462	6356082	55.856	600	ug/ml
Aliphatic EPH	3.260	22.462	12840652	104.799		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.487	13.487	3316772	27.54		ug/ml
Aliphatic C9-C28	3.260	17.437	6484570	48.943	1200	ug/ml

Raw Data: FE016569.D

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	3.74	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	5.31	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.9	J	1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	56.8			40 - 140	114%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	60.9			40 - 140	122%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.3			40 - 140	79%	SPK: 50		

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	12 Nov 2025 17:25
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FF016661.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	246859	1.871	200	ug/ml
Aromatic C12-C16	6.385	9.088	359023	2.656	300	ug/ml
Aromatic C16-C21	9.089	13.409	2197023	16.427	500	ug/ml
Aromatic C21-C36	13.410	18.874	689806	5.862	800	ug/ml
Aromatic EPH	4.507	18.874	3492711	26.816		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6432340	56.76		ug/ml
2-Flurobiphenyl (SURR)	8.890	8.890	4345540	60.93		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	5775432	39.33		ug/ml

Raw Data: FG016909.D

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

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date :	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	101		1	23.8	60.0	ug/l	FG016909.D	11/13/25 13:08	PB170496
Aromatic C10-C12	Aromatic C10-C12	3.74	J	1	2.07	20.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C12-C16	Aromatic C12-C16	5.31	J	1	4.26	30.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C16-C21	Aromatic C16-C21	32.9	J	1	8.27	50.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016661.D	11/12/25 17:25	PB170496
Total AliphaticEPH	Total AliphaticEPH	101	J		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	42.0	J		38.4	180	ug/l			
Total EPH	Total EPH	143	J		105	360	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-2			SDG No.:	Q3584
Lab Sample ID:	Q3584-02			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	101		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.1			40 - 140	60%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-02	Acq On:	13 Nov 2025 13:08
Client Sample ID:	SW-2	Operator:	YP\AJ
Data file:	FG016909.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	305970	2.508	300	ug/ml
Aliphatic C12-C16	6.904	10.362	359211	2.924	200	ug/ml
Aliphatic C16-C21	10.363	13.751	389916	2.945	300	ug/ml
Aliphatic C21-C28	13.752	17.437	337941	2.431	400	ug/ml
Aliphatic C28-C40	17.438	22.462	5786008	50.846	600	ug/ml
Aliphatic EPH	3.260	22.462	7179046	61.654		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	3629597	30.14		ug/ml
Aliphatic C9-C28	3.260	17.437	1393038	10.808	1200	ug/ml

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

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.33	J	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	130		1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.0			40 - 140	110%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	58.8			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.0			40 - 140	82%	SPK: 50		

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3584-03	Acq On:	12 Nov 2025 17:54
Client Sample ID:	SW-3	Operator:	YP\AJ
Data file:	FF016662.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	285823	2.166	200	ug/ml
Aromatic C12-C16	6.385	9.088	464974	3.44	300	ug/ml
Aromatic C16-C21	9.089	13.409	8706373	65.098	500	ug/ml
Aromatic C21-C36	13.410	18.874	794876	6.755	800	ug/ml
Aromatic EPH	4.507	18.874	10252046	77.459		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	6230480	54.98		ug/ml
2-Flurobiphenyl (SURR)	8.890	8.890	4194542	58.81		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	6026903	41.04		ug/ml

Raw Data: FG016910.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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	98.7		1	23.8	60.0	ug/l	FG016910.D	11/13/25 13:37	PB170496
Aromatic C10-C12	Aromatic C10-C12	4.33	J	1	2.07	20.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C12-C16	Aromatic C12-C16	6.88	J	1	4.26	30.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C16-C21	Aromatic C16-C21	130		1	8.27	50.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016662.D	11/12/25 17:54	PB170496
Total AliphaticEPH	Total AliphaticEPH	98.7	J		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	141	J		38.4	180	ug/l			
Total EPH	Total EPH	240	J		105	360	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/07/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SW-3			SDG No.:	Q3584
Lab Sample ID:	Q3584-03			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	98.7		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	38.2			40 - 140	76%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3584-03	Acq On:	13 Nov 2025 13:37
Client Sample ID:	SW-3	Operator:	YP\AJ
Data file:	FG016910.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.903	297931	2.442	300	ug/ml
Aliphatic C12-C16	6.904	10.362	350768	2.855	200	ug/ml
Aliphatic C16-C21	10.363	13.751	441895	3.338	300	ug/ml
Aliphatic C21-C28	13.752	17.437	580752	4.177	400	ug/ml
Aliphatic C28-C40	17.438	22.462	5613610	49.331	600	ug/ml
Aliphatic EPH	3.260	22.462	7284956	62.143		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	4605298	38.24		ug/ml
Aliphatic C9-C28	3.260	17.437	1671346	12.812	1200	ug/ml



QC SUMMARY

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

WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Run Number: FE111225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170496BL	49			0
PB170496BS	46			0
PB170496BSD	45			0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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Fax : 908 789 8922

WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Run Number: FF111225AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB170496BL	110	118	88	0
PB170496BS	104	112	82	0
PB170496BSD	101	109	80	0
SW-1	96	103	56	0
SW-2	114	122	79	0
SW-3	110	118	82	0

	QC LIMITS
2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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WATER EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3584

Run Number: FG111325AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
SW-1	55			0
SW-2	60			0
SW-3	76			0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3584

Sample No : PB170496BS **Datafile:** FE056803.D **Client ID :** PB170496BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	300	160	53		(40-140)
Aliphatic C12-C16	200	132	66		(40-140)
Aliphatic C16-C21	300	216	72		(40-140)
Aliphatic C21-C28	400	271	68		(40-140)
Aliphatic C28-C40	600	457	76		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	100.0	45.19165	45		(40-140)
n-Decane (C10)	100.0	54.02800	54		(40-140)
Naphthalene (C11.7)	100.0	0.00000	0	*	(40-140)
n-Dodecane (C12)	100.0	61.29130	61		(40-140)
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	(40-140)
n-Tetradecane (C14)	100.0	65.12968	65		(40-140)
n-Hexadecane (C16)	100.0	67.36309	67		(40-140)
n-Octadecane (C18)	100.0	69.30723	69		(40-140)
n-Eicosane (C20)	100.0	73.14483	73		(40-140)
n-Heneicosane (C21)	100.0	73.98473	74		(40-140)
n-Docosane (C22)	100.0	72.37383	72		(40-140)
n-Tetracosane (C24)	100.0	67.83553	68		(40-140)
n-Hexacosane (C26)	100.0	66.17349	66		(40-140)
n-Octacosane (C28)	100.0	64.83742	65		(40-140)
n-Tricontane (C30)	100.0	60.51039	61		(40-140)
n-Dotriacontane (C32)	100.0	61.02891	61		(40-140)
n-Tetratriacontane (C34)	100.0	69.29890	69		(40-140)
n-Hexatriacontane (C36)	100.0	81.85147	82		(40-140)
n-Octatriacontane (C38)	100.0	97.23702	97		(40-140)
n-Tetracontane (C40)	100.0	109.25801	109		(40-140)

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WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3584

Sample No : PB170496BSD **Datafile:** FE056804.D **Client ID :** PB170496BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	300	161	54		0.68|	(40-140)	25
Aliphatic C12-C16	200	132	66		0|	(40-140)	25
Aliphatic C16-C21	300	216	72		0|	(40-140)	25
Aliphatic C21-C28	400	270	68		0.443|	(40-140)	25
Aliphatic C28-C40	600	500	83		8.9|	(40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	100.0	45.43077	45		0|	(40-140)	25
n-Decane (C10)	100.0	54.37257	54		0|	(40-140)	25
Naphthalene (C11.7)	100.0	0.00000	0	*	0|	(40-140)	25
n-Dodecane (C12)	100.0	61.68347	62		1.63|	(40-140)	25
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	0|	(40-140)	25
n-Tetradecane (C14)	100.0	65.39588	65		0|	(40-140)	25
n-Hexadecane (C16)	100.0	67.48114	67		0|	(40-140)	25
n-Octadecane (C18)	100.0	69.41176	69		0|	(40-140)	25
n-Eicosane (C20)	100.0	73.03789	73		0|	(40-140)	25
n-Heneicosane (C21)	100.0	73.68003	74		0|	(40-140)	25
n-Docosane (C22)	100.0	72.02690	72		0|	(40-140)	25
n-Tetracosane (C24)	100.0	67.37848	67		1.48|	(40-140)	25
n-Hexacosane (C26)	100.0	65.92323	66		0|	(40-140)	25
n-Octacosane (C28)	100.0	65.54746	66		1.53|	(40-140)	25
n-Tricontane (C30)	100.0	64.15766	64		4.8|	(40-140)	25
n-Dotriacontane (C32)	100.0	69.05142	69		12.31|	(40-140)	25
n-Tetratriacontane (C34)	100.0	78.74830	79		13.51|	(40-140)	25
n-Hexatriacontane (C36)	100.0	90.99934	91		10.4|	(40-140)	25
n-Octatriacontane (C38)	100.0	104.16456	104		6.97|	(40-140)	25
n-Tetracontane (C40)	100.0	116.93870	117		7.08|	(40-140)	25

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WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3584

Sample No : PB170496BS **Datafile:** FF016658.D **Client ID :** PB170496BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	200	150	75		(40-140)
Aromatic C12-C16	300	245	82		(40-140)
Aromatic C16-C21	500	476	95		(40-140)
Aromatic C21-C36	800	835	104		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	100.0	72.20645	72		(40-140)
Naphthalene (C11.7)	100.0	78.71930	79		(40-140)
2-Methylnaphthalene (C12.89)	100.0	73.86929	74		(40-140)
Acenaphthylene (C15.06)	100.0	85.77366	86		(40-140)
Acenaphthene (C15.5)	100.0	85.48327	85		(40-140)
Flouorene (C16.55)	100.0	93.84773	94		(40-140)
Phenanthrene (C19.36)	100.0	95.29634	95		(40-140)
Anthracene (C19.43)	100.0	95.66514	96		(40-140)
Fluoranthene (C21.85)	100.0	94.86912	95		(40-140)
Pyrene (C20.8)	100.0	94.07213	94		(40-140)
Benzo[a]anthracene (C26.37)	100.0	105.88714	106		(40-140)
Chrysene (C27.41)	100.0	101.63726	102		(40-140)
benzo[b]fluoranthene (C30.41)	100.0	106.61442	107		(40-140)
Bnezo[k]fluoranthene (C30.14)	100.0	99.01419	99		(40-140)
Benzo[a]pyrene (C31.34)	100.0	104.89344	105		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	100.0	139.64432	140		(40-140)
Dibenz[a,h]anthracene (C30.36)	100.0	91.82518	92		(40-140)
Benzo[g,h,i]perylene (C34.01)	100.0	114.22109	114		(40-140)

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WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3584

Sample No : PB170496BSD **Datafile:** FF016659.D **Client ID :** PB170496BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	200	147	74		2|	(40-140)	25
Aromatic C12-C16	300	239	80		2.5|	(40-140)	25
Aromatic C16-C21	500	468	94		1.7|	(40-140)	25
Aromatic C21-C36	800	818	102		1.7|	(40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	100.0	70.44558	70		2.82|	(40-140)	25
Naphthalene (C11.7)	100.0	76.82139	77		2.56|	(40-140)	25
2-Methylnaphthalene (C12.89)	100.0	71.98402	72		2.74|	(40-140)	25
Acenaphthylene (C15.06)	100.0	83.73466	84		2.35|	(40-140)	25
Acenaphthene (C15.5)	100.0	83.56032	84		1.18|	(40-140)	25
Flouorene (C16.55)	100.0	91.53200	92		2.15|	(40-140)	25
Phenanthrene (C19.36)	100.0	93.51644	94		1.06|	(40-140)	25
Anthracene (C19.43)	100.0	94.69680	95		1.05|	(40-140)	25
Fluoranthene (C21.85)	100.0	93.63621	94		1.06|	(40-140)	25
Pyrene (C20.8)	100.0	92.84611	93		1.07|	(40-140)	25
Benzo[a]anthracene (C26.37)	100.0	104.78473	105		0.95|	(40-140)	25
Chrysene (C27.41)	100.0	100.61274	101		0.99|	(40-140)	25
benzo[b]fluoranthene (C30.41)	100.0	104.25297	104		2.84|	(40-140)	25
Bnezo[k]fluoranthene (C30.14)	100.0	97.51084	98		1.02|	(40-140)	25
Benzo[a]pyrene (C31.34)	100.0	102.53088	103		1.92|	(40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	100.0	136.73376	137		2.17|	(40-140)	25
Dibenz[a,h]anthracene (C30.36)	100.0	90.48935	90		2.2|	(40-140)	25
Benzo[g,h,i]perylene (C34.01)	100.0	110.96038	111		2.67|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170496BL

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3584

Instrument ID: FID_E Lab Sample ID: PB170496BL

Matrix: (soil/water) Water Date Extracted: 11/12/2025 8:40:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170496BS	PB170496BS
PB170496BSD	PB170496BSD
SW-1	Q3584-01
SW-2	Q3584-02
SW-3	Q3584-03

COMMENTS:

QC SAMPLE DATA

Raw Data: **FE056802.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:	PB170496BL	SDG No.:	Q3584
Lab Sample ID:	PB170496BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FE056802.D	11/13/25 5:58	PB170496
Aromatic C10-C12	Aromatic C10-C12	2.07	U	1	2.07	20.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C12-C16	Aromatic C12-C16	4.26	U	1	4.26	30.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C16-C21	Aromatic C16-C21	8.27	U	1	8.27	50.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FF016657.D	11/12/25 15:13	PB170496
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	38.4	U		38.4	180	ug/l			
Total EPH	Total EPH	105	U		105	360	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE056802.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170496BL			SDG No.:	Q3584
Lab Sample ID:	PB170496BL			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.7			40 - 140	49%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BL	Acq On:	13 Nov 2025 05:58
Client Sample ID:	PB170496BL	Operator:	YP\AJ
Data file:	FE056802.D	Misc:	
Instrument:	FID_E	ALS Vial:	45
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	0	0	300	ug/ml
Aliphatic C12-C16	6.841	10.285	0	0	200	ug/ml
Aliphatic C16-C21	10.286	13.658	0	0	300	ug/ml
Aliphatic C21-C28	13.659	17.327	0	0	400	ug/ml
Aliphatic C28-C40	17.328	22.264	0	0	600	ug/ml
Aliphatic EPH	3.218	22.264	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	3974189	24.67		ug/ml
Aliphatic C9-C28	3.218	17.327	0	0	1200	ug/ml

Raw Data: **FF016657.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:	PB170496BL			SDG No.:	Q3584
Lab Sample ID:	PB170496BL			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	2.07	U	1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	4.26	U	1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	8.27	U	1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.0			40 - 140	110%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	59.0			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	44.0			40 - 140	88%	SPK: 50		

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BL	Acq On:	12 Nov 2025 15:13
Client Sample ID:	PB170496BL	Operator:	YP\AJ
Data file:	FF016657.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	0	0	200	ug/ml
Aromatic C12-C16	6.385	9.088	0	0	300	ug/ml
Aromatic C16-C21	9.089	13.409	0	0	500	ug/ml
Aromatic C21-C36	13.410	18.874	0	0	800	ug/ml
Aromatic EPH	4.507	18.874	0	0		ug/ml
2-Bromonaphthalene (SURR)	8.015	8.015	6229895	54.98		ug/ml
2-Flurobiphenyl (SURR)	8.891	8.891	4204704	58.95		ug/ml
ortho-Terphenyl (SURR)	11.960	11.960	6453726	43.95		ug/ml

Raw Data: **FE056803.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:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170496BS	SDG No.:	Q3584
Lab Sample ID:	PB170496BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 2000 uL	Test: EPH
Prep Method :		Prep Date : 11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	160		1	8.28	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	271		1	12.5	40.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457		1	23.8	60.0	ug/l	FE056803.D	11/13/25 6:28	PB170496
Aromatic C10-C12	Aromatic C10-C12	150		1	2.07	20.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C12-C16	Aromatic C12-C16	245		1	4.26	30.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C16-C21	Aromatic C16-C21	476		1	8.27	50.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Aromatic C21-C36	Aromatic C21-C36	835		1	23.8	80.0	ug/l	FF016658.D	11/12/25 15:49	PB170496
Total AliphaticEPH	Total AliphaticEPH	1240			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1710			38.4	180	ug/l			
Total EPH	Total EPH	2940			105	360	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE056803.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:	PB170496BS			SDG No.:	Q3584
Lab Sample ID:	PB170496BS			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	160		1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	271		1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	457		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.1			40 - 140	46%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Alliance TECHNICAL GROUP
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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BS	Acq On:	13 Nov 2025 06:28
Client Sample ID:	PB170496BS	Operator:	YP\AJ
Data file:	FE056803.D	Misc:	
Instrument:	FID_E	ALS Vial:	46
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	13760924	80.397	300	ug/ml
Aliphatic C12-C16	6.841	10.285	11846520	66.273	200	ug/ml
Aliphatic C16-C21	10.286	13.658	20176917	108.184	300	ug/ml
Aliphatic C21-C28	13.659	17.327	26125766	135.531	400	ug/ml
Aliphatic C28-C40	17.328	22.264	36407848	228.528	600	ug/ml
Aliphatic EPH	3.218	22.264	108317975	618.912		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3725257	23.12		ug/ml
Aliphatic C9-C28	3.218	17.327	71910127	390.385	1200	ug/ml

Raw Data: **FF016658.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:	PB170496BS			SDG No.:	Q3584
Lab Sample ID:	PB170496BS			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	150		1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	245		1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	476		1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	835		1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	52.0			40 - 140	104%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	55.9			40 - 140	112%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	40.8			40 - 140	82%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BS	Acq On:	12 Nov 2025 15:49
Client Sample ID:	PB170496BS	Operator:	YP\AJ
Data file:	FF016658.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	9959417	75.471	200	ug/ml
Aromatic C12-C16	6.385	9.088	16579390	122.659	300	ug/ml
Aromatic C16-C21	9.089	13.409	31847091	238.121	500	ug/ml
Aromatic C21-C36	13.410	18.874	49179238	417.956	800	ug/ml
Aromatic EPH	4.507	18.874	107565136	854.207		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	5888454	51.96		ug/ml
2-Flurobiphenyl (SURR)	8.888	8.888	3984260	55.86		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	5984731	40.75		ug/ml

Raw Data: **FE056804.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:	PB170496BSD			SDG No.:	Q3584
Lab Sample ID:	PB170496BSD			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date :	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	161		1	8.28	30.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	270		1	12.5	40.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	500		1	23.8	60.0	ug/l	FE056804.D	11/13/25 6:58	PB170496
Aromatic C10-C12	Aromatic C10-C12	147		1	2.07	20.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C12-C16	Aromatic C12-C16	239		1	4.26	30.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C16-C21	Aromatic C16-C21	468		1	8.27	50.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Aromatic C21-C36	Aromatic C21-C36	818		1	23.8	80.0	ug/l	FF016659.D	11/12/25 16:26	PB170496
Total AliphaticEPH	Total AliphaticEPH	1280			66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	1670			38.4	180	ug/l			
Total EPH	Total EPH	2950			105	360	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Raw Data: **FE056804.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:	PB170496BSD			SDG No.:	Q3584
Lab Sample ID:	PB170496BSD			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	161		1	8.28	30.0	ug/l	11/13/25	PB170496
Aliphatic C12-C16	Aliphatic C12-C16	132		1	13.5	20.0	ug/l	11/13/25	PB170496
Aliphatic C16-C21	Aliphatic C16-C21	216		1	8.34	30.0	ug/l	11/13/25	PB170496
Aliphatic C21-C28	Aliphatic C21-C28	270		1	12.5	40.0	ug/l	11/13/25	PB170496
Aliphatic C28-C40	Aliphatic C28-C40	500		1	23.8	60.0	ug/l	11/13/25	PB170496
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.4			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170496BSD	Acq On:	13 Nov 2025 06:58
Client Sample ID:	PB170496BSD	Operator:	YP\AJ
Data file:	FE056804.D	Misc:	
Instrument:	FID_E	ALS Vial:	47
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.840	13844674	80.886	300	ug/ml
Aliphatic C12-C16	6.841	10.285	11880552	66.463	200	ug/ml
Aliphatic C16-C21	10.286	13.658	20148830	108.033	300	ug/ml
Aliphatic C21-C28	13.659	17.327	26092970	135.361	400	ug/ml
Aliphatic C28-C40	17.328	22.264	39904849	250.478	600	ug/ml
Aliphatic EPH	3.218	22.264	111871875	641.222		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	3602185	22.36		ug/ml
Aliphatic C9-C28	3.218	17.327	71967026	390.743	1200	ug/ml

Raw Data: **FF016659.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:	PB170496BSD			SDG No.:	Q3584
Lab Sample ID:	PB170496BSD			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	2000 uL	Test:	EPH
Prep Method :		Prep Date	11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	147		1	2.07	20.0	ug/l	11/12/25	PB170496
Aromatic C12-C16	Aromatic C12-C16	239		1	4.26	30.0	ug/l	11/12/25	PB170496
Aromatic C16-C21	Aromatic C16-C21	468		1	8.27	50.0	ug/l	11/12/25	PB170496
Aromatic C21-C36	Aromatic C21-C36	818		1	23.8	80.0	ug/l	11/12/25	PB170496
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	50.7			40 - 140	101%	SPK: 50		
321-60-8	2-Flurobiphenyl (SURR)	54.5			40 - 140	109%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.9			40 - 140	80%	SPK: 50		

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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170496BSD	Acq On:	12 Nov 2025 16:26
Client Sample ID:	PB170496BSD	Operator:	YP\AJ
Data file:	FF016659.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.507	6.384	9717982	73.641	200	ug/ml
Aromatic C12-C16	6.385	9.088	16184177	119.735	300	ug/ml
Aromatic C16-C21	9.089	13.409	31344452	234.363	500	ug/ml
Aromatic C21-C36	13.410	18.874	48161786	409.309	800	ug/ml
Aromatic EPH	4.507	18.874	105408397	837.048		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	5860648	39.91		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5746409	50.71		ug/ml
2-Flurobiphenyl (SURR)	8.887	8.887	3887130	54.5		ug/ml

CALIBRATION SUMMARY

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

Inital Calibration Report for SequenceID : FE103025AL

AreaCount

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	47378340.000	25372826.000	10134874.000	5323968.000	2735296.000	
Aliphatic C12-C16	32958436.000	17867364.000	7039199.000	3707774.000	1889371.000	
Aliphatic C16-C21	50634896.000	27807189.000	10962966.000	5844076.000	3012669.000	
Aliphatic C21-C28	65391355.000	36849784.000	14322959.000	8150425.000	4666116.000	
Aliphatic C28-C40	76863576.000	43549713.000	17723612.000	10141838.000	6197225.000	
Aliphatic EPH	273226603.000	151446876.000	60183610.000	33168081.000	18500677.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	171162.641333	5.459				
Aliphatic C12-C16	178754.319	5.236				
Aliphatic C16-C21	186505.4959998	6.59				
Aliphatic C21-C28	192766.144	13.927				
Aliphatic C28-C40	159314.647333	18.927				
Aliphatic EPH	175414.750555	11.628				

Concentration

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	157927.800000	169152.173333	168914.566666	177465.600000	182353.066666	
Aliphatic C12-C16	164792.180000	178673.640000	175979.975000	185388.700000	188937.100000	
Aliphatic C16-C21	168782.986666	185381.260000	182716.100000	194802.533333	200844.600000	

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Inital Calibration Report for SequenceID : FE103025AL

Aliphatic C21-C28	163478.387500	184248.920000	179036.987500	203760.625000	233305.800000	
Aliphatic C28-C40	128105.960000	145165.710000	147696.766666	169030.633333	206574.166666	
Aliphatic EPH	151792.557222	168274.306666	167176.694444	184267.116666	205563.077777	

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Inital Calibration Report for SequenceID : FF102925AR

AreaCount

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	24131913.000	13386713.000	5040685.000	2667636.000	1458921.000	
Aromatic C12-C16	37802464.000	20995951.000	7841716.000	4071240.000	2151729.000	
Aromatic C16-C21	49515248.000	27355440.000	10200929.000	5383694.000	2920927.000	
Aromatic C21-C36	93883793.000	53603904.000	20060725.000	10856127.000	5977071.000	
Aromatic EPH	205333418.000	115342008.000	43144055.000	22978697.000	12508648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	131963.544	7.217				
Aromatic C12-C16	135166.617333	5.177				
Aromatic C16-C21	133743.1265	6.467				
Aromatic C21-C36	117666.2035552	9.089				
Aromatic EPH	125744.1821106	7.5				

Concentration

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	120659.565000	133867.130000	126017.125000	133381.800000	145892.100000	
Aromatic C12-C16	126008.213333	139973.006666	130695.266666	135708.000000	143448.600000	
Aromatic C16-C21	123788.120000	136777.200000	127511.612500	134592.350000	146046.350000	
Aromatic C21-C36	104315.325555	119119.786666	111448.472222	120623.633333	132823.800000	
Aromatic EPH	114074.121111	128157.786666	119844.597222	127659.427777	138984.977777	

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

Inital Calibration Report for SequenceID : FG102925AL

AreaCount

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	34262467.000	18492584.000	7254295.000	3738287.000	1905143.000	
Aliphatic C12-C16	23563142.000	12790679.000	4920528.000	2484208.000	1213101.000	
Aliphatic C16-C21	36760469.000	20195600.000	7804680.000	4060755.000	2090588.000	
Aliphatic C21-C28	48743388.000	27416427.000	10278435.000	5677486.000	3316302.000	
Aliphatic C28-C40	57463919.000	32655580.000	12432103.000	7187522.000	4228641.000	
Aliphatic EPH	200793385.000	111550870.000	42690041.000	23148258.000	12753775.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	122003.2266662	4.004				
Aliphatic C12-C16	122851.24	3.023				
Aliphatic C16-C21	132396.2526664	4.852				
Aliphatic C21-C28	139034.6585	12.12				
Aliphatic C28-C40	113794.5446664	15.39				
Aliphatic EPH	124878.1566664	9.088				

Concentration

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	114208.223333	123283.893333	120904.916666	124609.566666	127009.533333	
Aliphatic C12-C16	117815.710000	127906.790000	123013.200000	124210.400000	121310.100000	
Aliphatic C16-C21	122534.896666	134637.333333	130078.000000	135358.500000	139372.533333	

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Inital Calibration Report for SequenceID : FG102925AL

Aliphatic C21-C28	121858.470000	137082.135000	128480.437500	141937.150000	165815.100000	
Aliphatic C28-C40	95773.198333	108851.933333	103600.858333	119792.033333	140954.700000	
Aliphatic EPH	111551.880555	123945.411111	118583.447222	128601.433333	141708.611111	

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Continuing Calibration Report for SequenceID : FE111225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE056801.D**						
Aliphatic C9-C12	12053995.000	60.000	3.218	6.840	200899.917	171162.641	-17.374
Aliphatic C12-C16	8335701.000	40.000	6.841	10.285	208392.525	178754.319	-16.580
Aliphatic C16-C21	12181019.000	60.000	10.286	13.658	203016.983	186505.496	-8.853
Aliphatic C21-C28	15623039.000	80.000	13.659	17.327	195287.988	192766.144	-1.308
Aliphatic C28-C40	21432724.000	120.000	17.328	22.264	178606.033	159314.647	-12.109
Aliphatic EPH	69626478.000	360.000	3.218	22.264	193406.883	175414.751	-10.257

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Nov 2025 04:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056801.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.218	6.840	12053995.000	60.000	ug/ml
Aliphatic C12-C16	6.841	10.285	8335701.000	40.000	ug/ml
Aliphatic C16-C21	10.286	13.658	12181019.000	60.000	ug/ml
Aliphatic C21-C28	13.659	17.327	15623039.000	80.000	ug/ml
Aliphatic C28-C40	17.328	22.264	21432724.000	120.000	ug/ml
Aliphatic EPH	3.218	22.264	69626478.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE111225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE056806.D**						
Aliphatic C9-C12	12232166.000	60.000	3.218	6.840	203869.433	171162.641	-19.109
Aliphatic C12-C16	8463025.000	40.000	6.841	10.285	211575.625	178754.319	-18.361
Aliphatic C16-C21	12374812.000	60.000	10.286	13.658	206246.867	186505.496	-10.585
Aliphatic C21-C28	15837793.000	80.000	13.659	17.327	197972.413	192766.144	-2.701
Aliphatic C28-C40	21245603.000	120.000	17.328	22.264	177046.692	159314.647	-11.130
Aliphatic EPH	70153399.000	360.000	3.218	22.264	194870.553	175414.751	-11.091

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Nov 2025 07:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056806.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.218	6.840	12232166.000	60.000	ug/ml
Aliphatic C12-C16	6.841	10.285	8463025.000	40.000	ug/ml
Aliphatic C16-C21	10.286	13.658	12374812.000	60.000	ug/ml
Aliphatic C21-C28	13.659	17.327	15837793.000	80.000	ug/ml
Aliphatic C28-C40	17.328	22.264	21245603.000	120.000	ug/ml
Aliphatic EPH	3.218	22.264	70153399.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FF111225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016656.D**						
Aromatic C10-C12	5209448.000	40.000	4.507	6.384	130236.200	131963.544	1.309
Aromatic C12-C16	7860079.000	60.000	6.385	9.088	131001.317	135166.617	3.082
Aromatic C16-C21	9801270.000	80.000	9.089	13.409	122515.875	133743.127	8.395
Aromatic C21-C36	20907615.000	180.000	13.410	18.874	116153.417	117666.204	1.286
Aromatic EPH	43778412.000	360.000	4.507	18.874	121606.700	125744.182	3.290

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Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Nov 2025 13:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016656.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.507	6.384	5209448.000	40.000	ug/ml
Aromatic C12-C16	6.385	9.088	7860079.000	60.000	ug/ml
Aromatic C16-C21	9.089	13.409	9801270.000	80.000	ug/ml
Aromatic C21-C36	13.410	18.874	20907615.000	180.000	ug/ml
Aromatic EPH	4.507	18.874	43778412.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FF111225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016664.D**						
Aromatic C10-C12	4958729.000	40.000	4.507	6.384	123968.225	131963.544	6.059
Aromatic C12-C16	7521799.000	60.000	6.385	9.088	125363.317	135166.617	7.253
Aromatic C16-C21	9402536.000	80.000	9.089	13.409	117531.700	133743.127	12.121
Aromatic C21-C36	20186096.000	180.000	13.410	18.874	112144.978	117666.204	4.692
Aromatic EPH	42069160.000	360.000	4.507	18.874	116858.778	125744.182	7.066

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Fax : 908 789 8922

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Nov 2025 19:23
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016664.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.507	6.384	4958729.000	40.000	ug/ml
Aromatic C12-C16	6.385	9.088	7521799.000	60.000	ug/ml
Aromatic C16-C21	9.089	13.409	9402536.000	80.000	ug/ml
Aromatic C21-C36	13.410	18.874	20186096.000	180.000	ug/ml
Aromatic EPH	4.507	18.874	42069160.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FG111325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016907.D**						
Aliphatic C9-C12	7691493.000	60.000	3.260	6.903	128191.550	122003.227	-5.072
Aliphatic C12-C16	5276607.000	40.000	6.904	10.362	131915.175	122851.240	-7.378
Aliphatic C16-C21	8211247.000	60.000	10.363	13.751	136854.117	132396.253	-3.367
Aliphatic C21-C28	10726527.000	80.000	13.752	17.437	134081.588	139034.659	3.562
Aliphatic C28-C40	13084899.000	120.000	17.438	22.462	109040.825	113794.545	4.177
Aliphatic EPH	44990773.000	360.000	3.260	22.462	124974.369	124878.157	-0.077

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Nov 2025 11:57
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016907.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.903	7691493.000	60.000	ug/ml
Aliphatic C12-C16	6.904	10.362	5276607.000	40.000	ug/ml
Aliphatic C16-C21	10.363	13.751	8211247.000	60.000	ug/ml
Aliphatic C21-C28	13.752	17.437	10726527.000	80.000	ug/ml
Aliphatic C28-C40	17.438	22.462	13084899.000	120.000	ug/ml
Aliphatic EPH	3.260	22.462	44990773.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FG111325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016912.D**						
Aliphatic C9-C12	7839554.000	60.000	3.260	6.903	130659.233	122003.227	-7.095
Aliphatic C12-C16	5425659.000	40.000	6.904	10.362	135641.475	122851.240	-10.411
Aliphatic C16-C21	8437707.000	60.000	10.363	13.751	140628.450	132396.253	-6.218
Aliphatic C21-C28	10845602.000	80.000	13.752	17.437	135570.025	139034.659	2.492
Aliphatic C28-C40	13108710.000	120.000	17.438	22.462	109239.250	113794.545	4.003
Aliphatic EPH	45657232.000	360.000	3.260	22.462	126825.644	124878.157	-1.560

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	13 Nov 2025 14:36
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016912.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.903	7839554.000	60.000	ug/ml
Aliphatic C12-C16	6.904	10.362	5425659.000	40.000	ug/ml
Aliphatic C16-C21	10.363	13.751	8437707.000	60.000	ug/ml
Aliphatic C21-C28	13.752	17.437	10845602.000	80.000	ug/ml
Aliphatic C28-C40	17.438	22.462	13108710.000	120.000	ug/ml
Aliphatic EPH	3.260	22.462	45657232.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016660.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:55
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-1

Integration File: autoint1.e
Quant Time: Nov 14 05:18:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.013	5457837	48.162 ug/ml
Spiked Amount 50.000		Recovery = 96.32%	
6) S 2-Flurobiphenyl (SURR)	8.889	3683610	51.648 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 103.30%	
11) S ortho-Terphenyl (SURR)	11.956	4131619	28.135 ug/ml
Spiked Amount 50.000		Recovery = 56.27%	
Target Compounds			

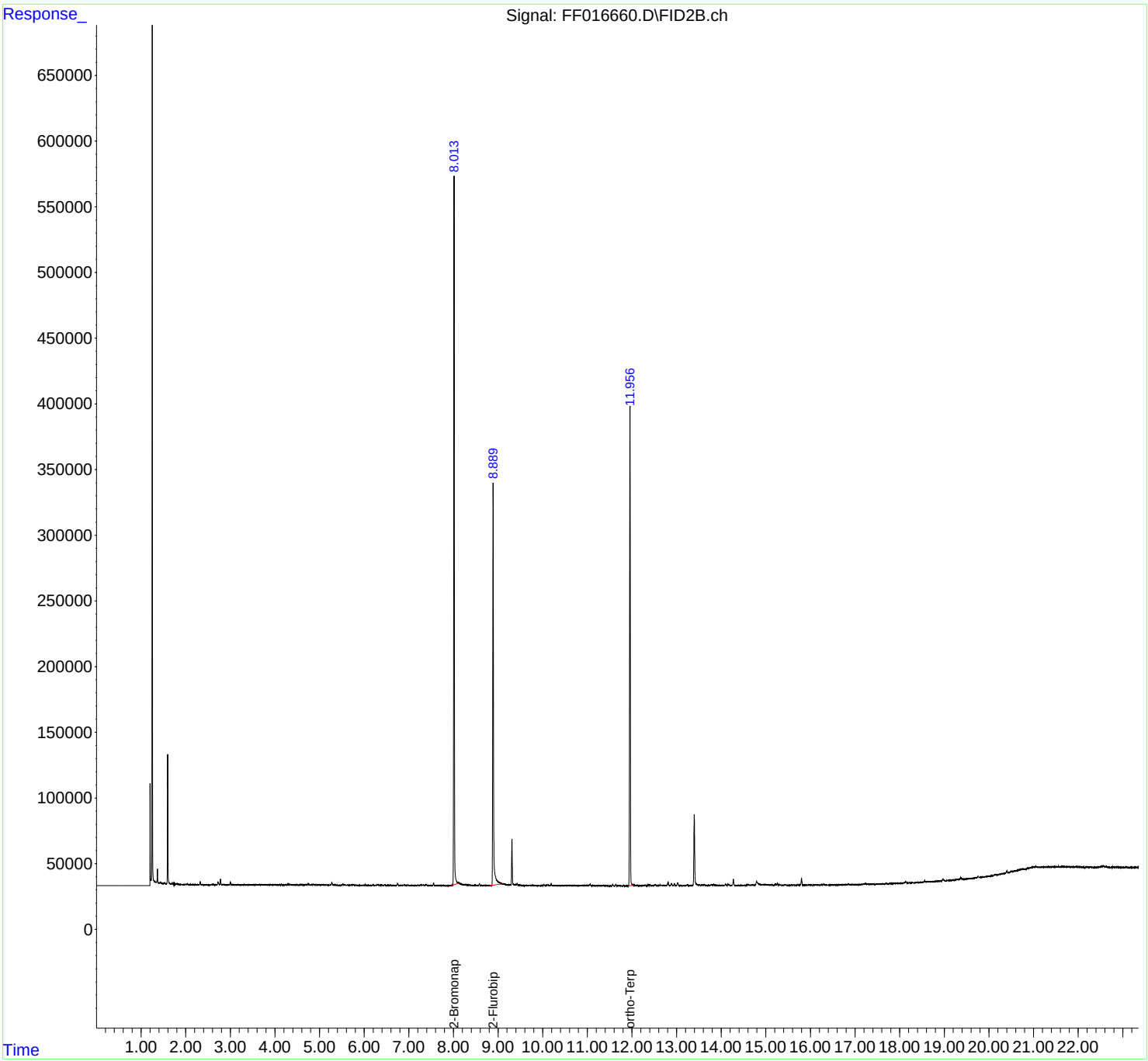
(f)=RT Delta > 1/2 Window (m)=manual int.

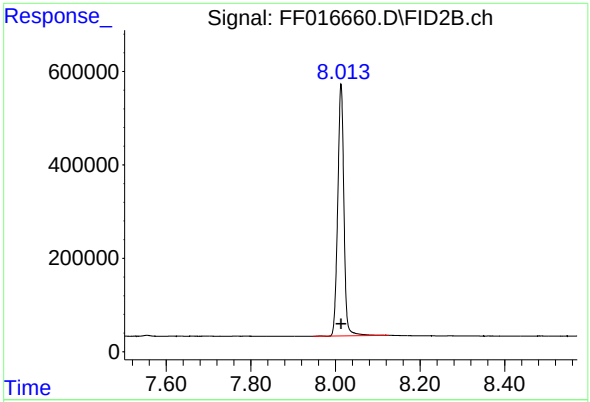
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016660.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:55
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-1

Integration File: autoint1.e
Quant Time: Nov 14 05:18:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

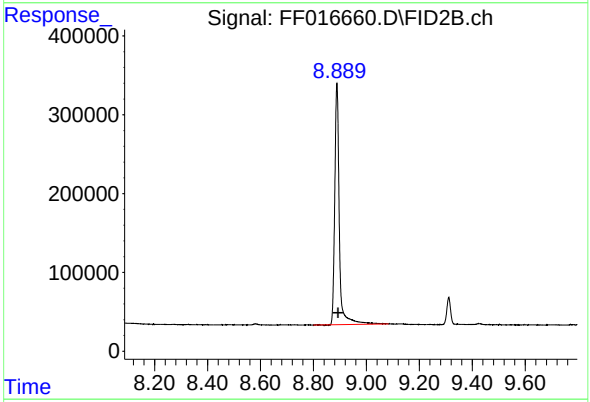




#4 2-Bromonaphthalene (SURR)

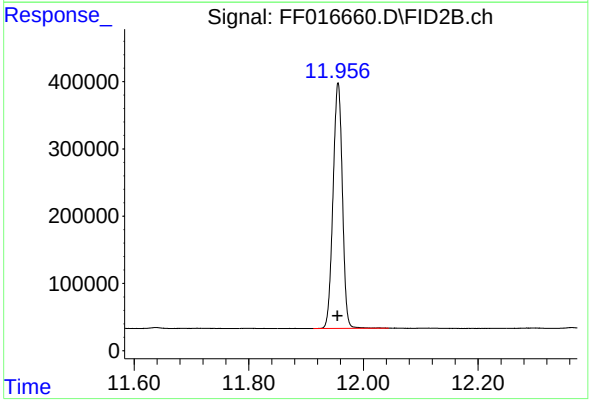
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 5457837
Conc: 48.16 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-1



#6 2-Flurobiphenyl (SURR)

R.T.: 8.889 min
Delta R.T.: -0.004 min
Response: 3683610
Conc: 51.65 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.001 min
Response: 4131619
Conc: 28.13 ug/ml

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016660.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:55
Sample : Q3584-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.422	4.401	4.440	BV	116	1284	0.02%	0.007%
2	4.480	4.464	4.496	VV	291	2943	0.05%	0.017%
3	4.500	4.496	4.526	VV	144	1009	0.02%	0.006%
4	4.570	4.550	4.596	VV	822	9620	0.17%	0.055%
5	4.605	4.596	4.634	VV	307	3097	0.05%	0.018%
6	4.649	4.634	4.664	PV	226	1733	0.03%	0.010%
7	4.679	4.664	4.689	VV	514	5271	0.09%	0.030%
8	4.694	4.689	4.717	VV	442	4214	0.07%	0.024%
9	4.736	4.717	4.749	VV	899	9895	0.17%	0.057%
10	4.759	4.749	4.780	VV	733	8224	0.15%	0.047%
11	4.796	4.780	4.804	VV	169	1741	0.03%	0.010%
12	4.824	4.804	4.839	VV	551	6151	0.11%	0.035%
13	4.855	4.839	4.875	VV	975	10518	0.19%	0.060%
14	4.885	4.875	4.894	VV	203	1403	0.02%	0.008%
15	4.922	4.894	4.943	VV	199	3717	0.07%	0.021%
16	4.966	4.943	4.973	VV	247	2981	0.05%	0.017%
17	4.990	4.973	5.009	VV	352	5001	0.09%	0.029%
18	5.014	5.009	5.032	VV	195	2289	0.04%	0.013%
19	5.039	5.032	5.052	VV	194	1919	0.03%	0.011%
20	5.068	5.052	5.112	VV	301	6765	0.12%	0.039%
21	5.121	5.118	5.137	VV	171	1533	0.03%	0.009%
22	5.157	5.137	5.174	VV	183	2433	0.04%	0.014%
23	5.188	5.174	5.209	VV	234	3532	0.06%	0.020%
24	5.248	5.218	5.256	VV	489	5944	0.10%	0.034%
25	5.274	5.256	5.312	VV	2514	31687	0.56%	0.181%
26	5.334	5.312	5.351	VV	569	8073	0.14%	0.046%
27	5.359	5.351	5.377	VV	313	3231	0.06%	0.018%
28	5.392	5.377	5.411	VV	268	3313	0.06%	0.019%
29	5.438	5.432	5.464	VV	124	1500	0.03%	0.009%
30	5.483	5.479	5.493	VV	197	1004	0.02%	0.006%
31	5.518	5.493	5.553	VV	1176	18047	0.32%	0.103%
32	5.570	5.553	5.579	VV	322	4180	0.07%	0.024%
33	5.584	5.579	5.591	VV	307	1768	0.03%	0.010%
34	5.596	5.591	5.626	VV	223	3546	0.06%	0.020%
35	5.636	5.634	5.667	VV	218	2590	0.05%	0.015%
36	5.680	5.667	5.691	VV	242	2556	0.05%	0.015%

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37	5.711	5.691	5.725	VV	541	6591	0.12%	0.038%
38	5.756	5.725	5.784	VV	773	14117	0.25%	0.081%
39	5.788	5.784	5.803	VV	248	1779	0.03%	0.010%
40	5.822	5.803	5.841	VV	256	3636	0.06%	0.021%
41	5.859	5.841	5.878	VV	185	2854	0.05%	0.016%
42	5.885	5.878	5.896	VV	200	1805	0.03%	0.010%
43	5.906	5.896	5.931	VV	246	3379	0.06%	0.019%
44	5.936	5.931	5.956	VV	141	1486	0.03%	0.008%
45	5.977	5.956	5.991	PV	218	2898	0.05%	0.017%
46	6.024	5.991	6.052	VV	315	6623	0.12%	0.038%
47	6.063	6.052	6.074	VV	245	2372	0.04%	0.014%
48	6.086	6.074	6.139	VV	295	5781	0.10%	0.033%
49	6.145	6.139	6.168	VV	175	1123	0.02%	0.006%
50	6.198	6.168	6.235	PV	674	10857	0.19%	0.062%
51	6.241	6.235	6.270	VV	278	4014	0.07%	0.023%
52	6.292	6.270	6.332	VV	891	19186	0.34%	0.110%
53	6.347	6.332	6.370	VV	536	7756	0.14%	0.044%
54	6.392	6.370	6.437	VV	831	13307	0.23%	0.076%
55	6.458	6.437	6.492	VV	808	11845	0.21%	0.068%
56	6.520	6.502	6.548	VV	257	5686	0.10%	0.033%
57	6.552	6.548	6.560	VV	210	1277	0.02%	0.007%
58	6.564	6.560	6.571	VV	217	1083	0.02%	0.006%
59	6.573	6.571	6.583	VV	200	1208	0.02%	0.007%
60	6.591	6.583	6.609	VV	240	2945	0.05%	0.017%
61	6.615	6.609	6.626	VV	185	1432	0.03%	0.008%
62	6.629	6.626	6.659	VV	203	2769	0.05%	0.016%
63	6.664	6.659	6.702	VV	160	2501	0.04%	0.014%
64	6.748	6.702	6.772	VV	1732	21686	0.38%	0.124%
65	6.788	6.772	6.812	VV	214	3962	0.07%	0.023%
66	6.836	6.819	6.850	VV	531	5713	0.10%	0.033%
67	6.871	6.850	6.884	VV	430	5032	0.09%	0.029%
68	6.901	6.884	6.926	VV	847	10466	0.18%	0.060%
69	6.936	6.926	6.957	VV	327	4409	0.08%	0.025%
70	6.977	6.957	7.006	VV	587	8721	0.15%	0.050%
71	7.033	7.006	7.084	VV	296	9501	0.17%	0.054%
72	7.093	7.084	7.106	VV	259	2406	0.04%	0.014%
73	7.133	7.119	7.137	VV	169	1533	0.03%	0.009%
74	7.155	7.137	7.180	VV	271	4858	0.09%	0.028%
75	7.204	7.180	7.241	VV	623	10872	0.19%	0.062%
76	7.259	7.241	7.294	VV	672	14216	0.25%	0.081%
77	7.312	7.294	7.351	VV	621	14634	0.26%	0.084%
78	7.388	7.351	7.411	VV	931	18921	0.33%	0.108%
79	7.430	7.411	7.460	VV	434	7012	0.12%	0.040%
80	7.467	7.460	7.483	VV	183	2059	0.04%	0.012%
81	7.496	7.483	7.514	VV	267	3721	0.07%	0.021%
82	7.530	7.514	7.536	VV	213	2196	0.04%	0.013%
83	7.555	7.536	7.587	VV	2015	23317	0.41%	0.133%
84	7.615	7.587	7.623	VV	329	3517	0.06%	0.020%
85	7.632	7.623	7.650	VV	275	3032	0.05%	0.017%
86	7.664	7.650	7.680	VV	288	3436	0.06%	0.020%
87	7.696	7.680	7.722	VV	455	6115	0.11%	0.035%
88	7.766	7.733	7.777	VV	325	5010	0.09%	0.029%
89	7.792	7.777	7.816	VV	403	4295	0.08%	0.025%

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90	7.861	7.856	7.875	VV	138	1053	0.02%	0.006%
91	7.907	7.893	7.921	PV	151	1520	0.03%	0.009%
92	7.934	7.929	7.948	VV	114	1161	0.02%	0.007%
93	7.966	7.948	7.984	VV	697	7306	0.13%	0.042%
94	8.013	7.984	8.255	VV	539550	5664651	100.00%	32.383%
95	8.274	8.255	8.303	VV	1049	23080	0.41%	0.132%
96	8.328	8.303	8.355	VV	818	20909	0.37%	0.120%
97	8.361	8.355	8.382	VV	636	8654	0.15%	0.049%
98	8.387	8.382	8.441	VV	550	14158	0.25%	0.081%
99	8.455	8.441	8.467	VV	432	5824	0.10%	0.033%
100	8.487	8.467	8.511	VV	646	12684	0.22%	0.073%
101	8.515	8.511	8.536	VV	328	4802	0.08%	0.027%
102	8.542	8.536	8.548	VV	372	2183	0.04%	0.012%
103	8.554	8.548	8.561	VV	368	2351	0.04%	0.013%
104	8.581	8.561	8.653	VV	1716	30075	0.53%	0.172%
105	8.674	8.653	8.684	VV	436	5527	0.10%	0.032%
106	8.696	8.684	8.705	VV	445	4841	0.09%	0.028%
107	8.729	8.705	8.755	VV	527	9177	0.16%	0.052%
108	8.777	8.755	8.800	VV	371	6057	0.11%	0.035%
109	8.819	8.800	8.857	VV	490	7320	0.13%	0.042%
110	8.889	8.857	9.066	VV	306942	3801478	67.11%	21.732%
111	9.071	9.066	9.114	VV	1958	46948	0.83%	0.268%
112	9.124	9.114	9.171	VV	1629	45870	0.81%	0.262%
113	9.183	9.171	9.221	VV	1024	26244	0.46%	0.150%
114	9.240	9.221	9.264	VV	917	20011	0.35%	0.114%
115	9.269	9.264	9.280	VV	692	6108	0.11%	0.035%
116	9.311	9.280	9.337	VV	35251	365017	6.44%	2.087%
117	9.342	9.337	9.362	VV	1325	17181	0.30%	0.098%
118	9.366	9.362	9.379	VV	994	8861	0.16%	0.051%
119	9.391	9.379	9.406	VV	947	14265	0.25%	0.082%
120	9.426	9.406	9.456	VV	2022	37432	0.66%	0.214%
121	9.461	9.456	9.486	VV	711	10968	0.19%	0.063%
122	9.499	9.486	9.531	VV	733	13566	0.24%	0.078%
123	9.543	9.531	9.561	VV	506	7603	0.13%	0.043%
124	9.568	9.561	9.581	VV	384	3487	0.06%	0.020%
125	9.602	9.581	9.612	VV	538	7165	0.13%	0.041%
126	9.629	9.612	9.658	VV	474	9820	0.17%	0.056%
127	9.716	9.658	9.739	VV	489	16465	0.29%	0.094%
128	9.744	9.739	9.755	VV	264	2349	0.04%	0.013%
129	9.777	9.755	9.828	VV	743	16350	0.29%	0.093%
130	9.834	9.828	9.839	VV	231	1294	0.02%	0.007%
131	9.851	9.839	9.898	VV	303	8394	0.15%	0.048%
132	9.917	9.898	9.956	VV	352	7972	0.14%	0.046%
133	9.969	9.956	9.998	VV	325	5670	0.10%	0.032%
134	10.026	9.998	10.062	VV	1422	21324	0.38%	0.122%
135	10.088	10.062	10.092	VV	623	8590	0.15%	0.049%
136	10.111	10.092	10.161	VV	835	22901	0.40%	0.131%
137	10.191	10.161	10.243	VV	1112	23743	0.42%	0.136%
138	10.265	10.243	10.295	VV	414	10186	0.18%	0.058%
139	10.302	10.295	10.307	VV	303	1918	0.03%	0.011%
140	10.311	10.307	10.324	VV	343	2690	0.05%	0.015%
141	10.340	10.324	10.351	VV	320	3850	0.07%	0.022%

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142	10.354	10.351	10.359	VV	333	1284	0.02%	0.007%
143	10.364	10.359	10.391	VV	305	4228	0.07%	0.024%
144	10.400	10.391	10.414	VV	216	2225	0.04%	0.013%
145	10.420	10.414	10.424	VV	202	1052	0.02%	0.006%
146	10.430	10.424	10.436	VV	204	1144	0.02%	0.007%
147	10.474	10.436	10.486	VV	260	5420	0.10%	0.031%
148	10.515	10.486	10.555	VV	470	12025	0.21%	0.069%
149	10.587	10.555	10.603	VV	454	8762	0.15%	0.050%
150	10.620	10.603	10.642	VV	414	7430	0.13%	0.042%
151	10.676	10.642	10.692	VV	381	8170	0.14%	0.047%
152	10.711	10.692	10.730	VV	463	6852	0.12%	0.039%
153	10.755	10.730	10.769	VV	341	5758	0.10%	0.033%
154	10.796	10.769	10.806	VV	438	6727	0.12%	0.038%
155	10.818	10.806	10.822	VV	428	3695	0.07%	0.021%
156	10.829	10.822	10.847	VV	408	4684	0.08%	0.027%
157	10.864	10.847	10.897	VV	490	10744	0.19%	0.061%
158	10.914	10.897	10.921	VV	470	5525	0.10%	0.032%
159	10.933	10.921	10.976	VV	526	11899	0.21%	0.068%
160	10.979	10.976	11.005	VV	595	6262	0.11%	0.036%
161	11.062	11.005	11.085	VV	1101	28349	0.50%	0.162%
162	11.091	11.085	11.109	VV	282	3311	0.06%	0.019%
163	11.115	11.109	11.118	VV	316	1434	0.03%	0.008%
164	11.123	11.118	11.138	VV	294	3109	0.05%	0.018%
165	11.146	11.138	11.178	VV	336	6412	0.11%	0.037%
166	11.182	11.178	11.200	VV	279	2865	0.05%	0.016%
167	11.216	11.200	11.232	VV	322	5050	0.09%	0.029%
168	11.248	11.232	11.292	VV	357	9032	0.16%	0.052%
169	11.307	11.292	11.316	VV	310	3613	0.06%	0.021%
170	11.321	11.316	11.336	VV	296	3094	0.05%	0.018%
171	11.357	11.336	11.405	VV	461	11920	0.21%	0.068%
172	11.433	11.405	11.439	VV	207	2806	0.05%	0.016%
173	11.445	11.439	11.453	VV	168	1069	0.02%	0.006%
174	11.457	11.453	11.517	VV	121	3337	0.06%	0.019%
175	11.569	11.535	11.614	VV	949	16208	0.29%	0.093%
176	11.638	11.614	11.663	VV	1515	20106	0.35%	0.115%
177	11.681	11.663	11.699	VV	247	4055	0.07%	0.023%
178	11.711	11.699	11.757	VV	420	8674	0.15%	0.050%
179	11.765	11.757	11.780	VV	156	1374	0.02%	0.008%
180	11.802	11.780	11.821	PV	375	5340	0.09%	0.031%
181	11.861	11.855	11.875	VV	131	1162	0.02%	0.007%
182	11.881	11.875	11.916	VV	111	1558	0.03%	0.009%
183	11.956	11.916	12.021	VV	365590	4145063	73.17%	23.696%
184	12.026	12.021	12.087	VV	937	23656	0.42%	0.135%
185	12.116	12.087	12.138	VV	628	13976	0.25%	0.080%
186	12.142	12.138	12.157	VV	273	2516	0.04%	0.014%
187	12.162	12.157	12.181	VV	281	2448	0.04%	0.014%
188	12.190	12.181	12.197	VV	186	1623	0.03%	0.009%
189	12.202	12.197	12.231	VV	235	3937	0.07%	0.023%
190	12.236	12.231	12.247	VV	294	2403	0.04%	0.014%
191	12.286	12.247	12.337	VV	752	22707	0.40%	0.130%
192	12.363	12.337	12.385	VV	1371	22739	0.40%	0.130%
193	12.401	12.385	12.425	VV	1008	15081	0.27%	0.086%
194	12.438	12.425	12.463	VV	430	7576	0.13%	0.043%

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195	12.469	12.463	12.492	VV	425	5181	0.09%	0.030%
196	12.523	12.492	12.563	VV	992	23849	0.42%	0.136%
197	12.594	12.563	12.612	VV	533	10831	0.19%	0.062%
198	12.636	12.612	12.651	VV	996	14120	0.25%	0.081%
199	12.664	12.651	12.707	VV	646	15342	0.27%	0.088%
200	12.732	12.707	12.762	VV	492	12666	0.22%	0.072%
201	12.811	12.762	12.849	VV	3307	54971	0.97%	0.314%
202	12.888	12.849	12.921	VV	1821	31332	0.55%	0.179%
203	12.950	12.921	12.975	VV	1862	26509	0.47%	0.152%
204	12.979	12.975	12.997	VV	283	3176	0.06%	0.018%
205	13.026	12.997	13.077	VV	2386	44145	0.78%	0.252%
206	13.082	13.077	13.116	VV	302	3884	0.07%	0.022%
207	13.127	13.116	13.139	VV	124	1030	0.02%	0.006%
208	13.156	13.139	13.209	PV	272	6458	0.11%	0.037%
209	13.233	13.209	13.294	VV	749	19505	0.34%	0.112%
210	13.331	13.294	13.339	VV	322	6407	0.11%	0.037%
211	13.358	13.339	13.362	VV	379	4509	0.08%	0.026%
212	13.396	13.362	13.496	VV	54483	759063	13.40%	4.339%
213	13.507	13.496	13.544	VV	719	15460	0.27%	0.088%
214	13.559	13.544	13.577	VV	582	9861	0.17%	0.056%
215	13.591	13.577	13.602	VV	615	8248	0.15%	0.047%
216	13.621	13.602	13.695	VV	1066	27407	0.48%	0.157%
217	13.727	13.695	13.745	VV	612	10851	0.19%	0.062%
218	13.781	13.745	13.802	VV	909	20147	0.36%	0.115%
219	13.815	13.802	13.821	VV	549	5577	0.10%	0.032%
220	13.842	13.821	13.874	VV	668	17091	0.30%	0.098%
221	13.899	13.874	13.931	VV	369	9404	0.17%	0.054%
222	13.953	13.931	13.958	VV	265	3372	0.06%	0.019%
223	13.974	13.958	13.992	VV	288	4928	0.09%	0.028%
224	14.020	13.992	14.039	VV	448	8107	0.14%	0.046%
225	14.045	14.039	14.057	VV	183	1953	0.03%	0.011%
226	14.100	14.057	14.124	VV	1182	21743	0.38%	0.124%
227	14.152	14.124	14.172	VV	1497	22584	0.40%	0.129%
228	14.182	14.172	14.227	VV	533	9927	0.18%	0.057%
229	14.272	14.227	14.331	VV	4809	68767	1.21%	0.393%
230	14.378	14.339	14.404	PV	273	5865	0.10%	0.034%
231	14.407	14.404	14.429	VV	221	2311	0.04%	0.013%
232	14.444	14.429	14.468	VV	313	4699	0.08%	0.027%
233	14.492	14.468	14.503	VV	211	3427	0.06%	0.020%
234	14.525	14.503	14.550	VV	275	5549	0.10%	0.032%
235	14.595	14.550	14.627	VV	910	20655	0.36%	0.118%
236	14.632	14.627	14.639	VV	376	2309	0.04%	0.013%
237	14.645	14.639	14.650	VV	362	2111	0.04%	0.012%
238	14.655	14.650	14.664	VV	335	2550	0.05%	0.015%
239	14.672	14.664	14.694	VV	349	5659	0.10%	0.032%
240	14.712	14.694	14.733	VV	564	9513	0.17%	0.054%
241	14.743	14.733	14.747	VV	316	2360	0.04%	0.013%
242	14.792	14.747	14.852	VV	2987	94277	1.66%	0.539%
243	14.856	14.852	14.915	VV	1112	30607	0.54%	0.175%
244	14.925	14.915	14.939	VV	800	10275	0.18%	0.059%
245	14.953	14.939	14.964	VV	728	10121	0.18%	0.058%
246	14.967	14.964	14.987	VV	758	9276	0.16%	0.053%

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247	15.000	14.987	15.026	VV	750	14340	0.25%	0.082%
248	15.033	15.026	15.054	VV	565	8404	0.15%	0.048%
249	15.067	15.054	15.108	VV	547	12944	0.23%	0.074%
250	15.113	15.108	15.122	VV	360	2738	0.05%	0.016%
251	15.127	15.122	15.134	VV	361	2264	0.04%	0.013%
252	15.139	15.134	15.148	VV	316	2271	0.04%	0.013%
253	15.156	15.148	15.165	VV	328	2518	0.04%	0.014%
254	15.172	15.165	15.181	VV	284	2289	0.04%	0.013%
255	15.217	15.181	15.236	VV	1019	19744	0.35%	0.113%
256	15.259	15.236	15.297	VV	1408	27441	0.48%	0.157%
257	15.302	15.297	15.407	VV	359	13401	0.24%	0.077%
258	15.429	15.407	15.456	VV	587	10436	0.18%	0.060%
259	15.458	15.456	15.511	VV	205	4183	0.07%	0.024%
260	15.539	15.527	15.547	VV	143	1254	0.02%	0.007%
261	15.560	15.547	15.566	VV	242	1993	0.04%	0.011%
262	15.577	15.566	15.611	VV	244	3630	0.06%	0.021%
263	15.616	15.611	15.639	VV	142	1657	0.03%	0.009%
264	15.679	15.656	15.700	VV	294	4950	0.09%	0.028%
265	15.716	15.706	15.727	VV	199	1895	0.03%	0.011%
266	15.730	15.727	15.759	VV	241	2919	0.05%	0.017%
267	15.800	15.759	15.885	VV	5206	72602	1.28%	0.415%
268	15.919	15.897	15.936	VV	204	3315	0.06%	0.019%
269	15.947	15.936	15.976	VV	218	3658	0.06%	0.021%
270	15.990	15.976	16.046	VV	328	5824	0.10%	0.033%
271	16.099	16.046	16.106	VV	186	4225	0.07%	0.024%
272	16.113	16.106	16.120	VV	173	1148	0.02%	0.007%
273	16.142	16.120	16.164	VV	255	4082	0.07%	0.023%
274	16.169	16.164	16.203	VV	115	1958	0.03%	0.011%
275	16.247	16.203	16.267	VV	601	9317	0.16%	0.053%
276	16.284	16.267	16.314	VV	820	13242	0.23%	0.076%
277	16.333	16.314	16.362	VV	198	3803	0.07%	0.022%
278	16.429	16.403	16.449	VV	209	2387	0.04%	0.014%
279	16.467	16.457	16.497	VV	195	2755	0.05%	0.016%
280	16.579	16.554	16.616	PV	141	2833	0.05%	0.016%
281	16.692	16.616	16.712	VV	108	3996	0.07%	0.023%
282	16.770	16.712	16.794	VV	297	5712	0.10%	0.033%
283	16.852	16.794	16.884	VV	825	16169	0.29%	0.092%
284	16.929	16.884	16.959	VV	294	7585	0.13%	0.043%
285	16.965	16.959	16.988	VV	166	2584	0.05%	0.015%
286	16.997	16.988	17.024	VV	130	2763	0.05%	0.016%
287	17.031	17.024	17.092	VV	145	3184	0.06%	0.018%
288	17.131	17.092	17.156	PV	250	4394	0.08%	0.025%
289	17.164	17.156	17.177	VV	206	1800	0.03%	0.010%
290	17.237	17.177	17.267	VV	830	24608	0.43%	0.141%
291	17.289	17.267	17.338	VV	411	8045	0.14%	0.046%
292	17.355	17.338	17.392	VV	155	2519	0.04%	0.014%
293	17.455	17.392	17.464	VV	92	2119	0.04%	0.012%
294	17.529	17.464	17.552	PV	112	3478	0.06%	0.020%
295	17.582	17.552	17.604	VV	146	2918	0.05%	0.017%
296	17.612	17.604	17.632	VV	191	1079	0.02%	0.006%
297	17.691	17.632	17.759	PV	666	14230	0.25%	0.081%
298	17.795	17.759	17.836	VV	281	7263	0.13%	0.042%
299	17.888	17.836	17.919	VV	165	6074	0.11%	0.035%

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300	17.931	17.919	17.938	VV	125	1178	0.02%	0.007%
301	17.949	17.938	17.977	VV	147	2105	0.04%	0.012%
302	17.991	17.977	18.006	VV	140	1312	0.02%	0.008%
303	18.049	18.006	18.059	PV	127	2104	0.04%	0.012%
304	18.131	18.059	18.175	VV	1160	26557	0.47%	0.152%
305	18.237	18.192	18.251	VV	188	4540	0.08%	0.026%
306	18.300	18.251	18.312	VV	118	3502	0.06%	0.020%
307	18.413	18.334	18.441	PV	240	5997	0.11%	0.034%
308	18.454	18.441	18.469	VV	133	1773	0.03%	0.010%
309	18.559	18.469	18.602	PV	1109	26664	0.47%	0.152%
310	18.657	18.602	18.681	VV	293	10660	0.19%	0.061%
311	18.687	18.681	18.716	VV	383	2364	0.04%	0.014%
312	18.819	18.736	18.846	VV	196	4557	0.08%	0.026%

Sum of corrected areas: 17492417

Aromatic EPH 102925.M Fri Nov 14 05:40:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-1

Integration File: autoint1.E
Quant Time: Nov 14 04:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.487	3316772	27.540 ug/ml
Spiked Amount 50.000		Recovery = 55.08%	
Target Compounds			

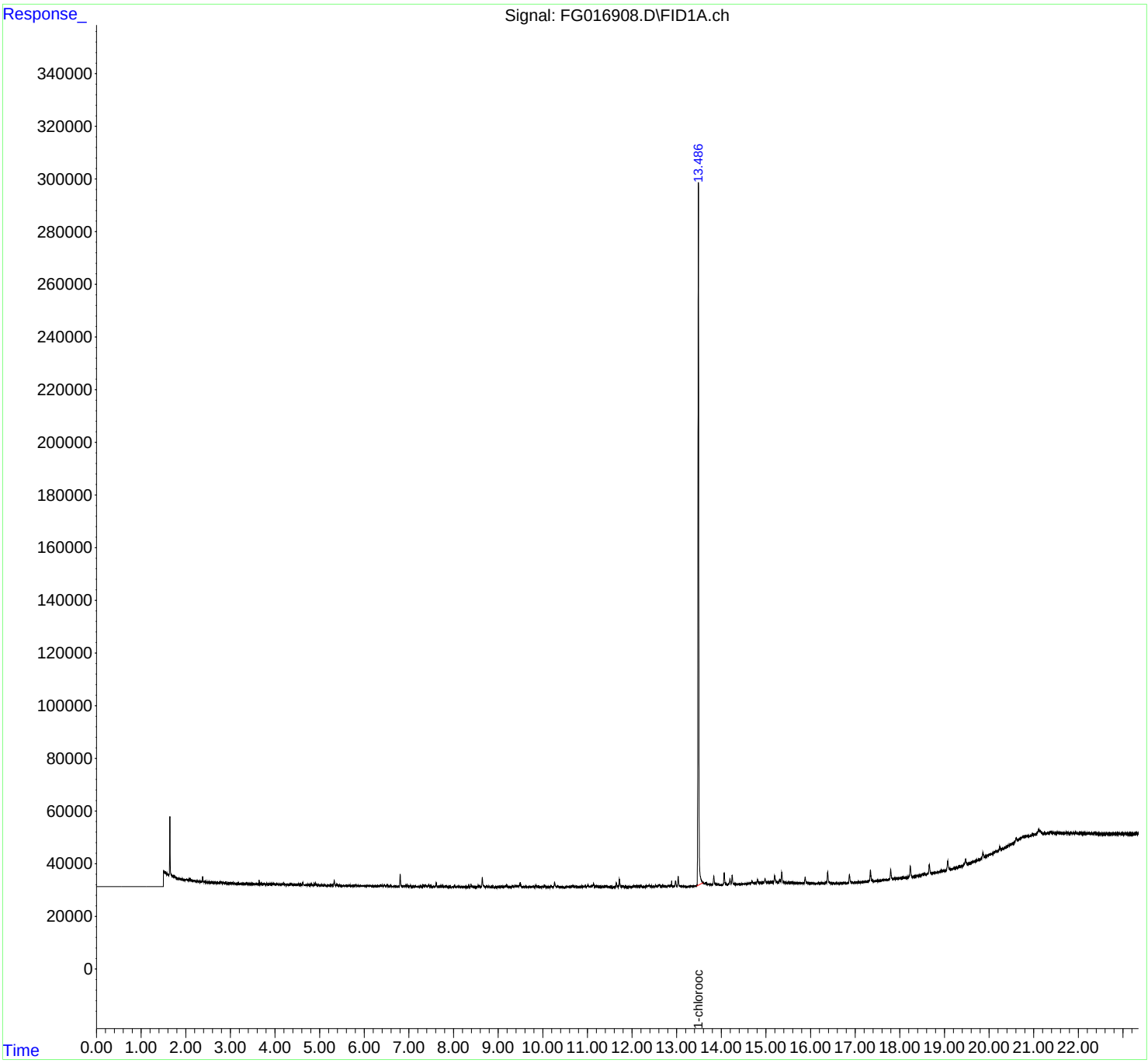
(f)=RT Delta > 1/2 Window (m)=manual int.

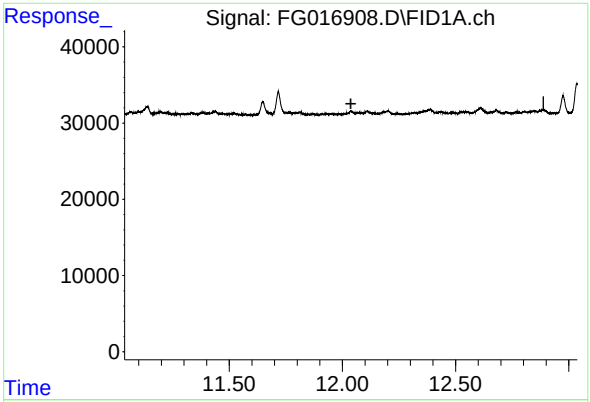
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Operator : YP\AJ
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-1

Integration File: autoint1.E
Quant Time: Nov 14 04:27:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

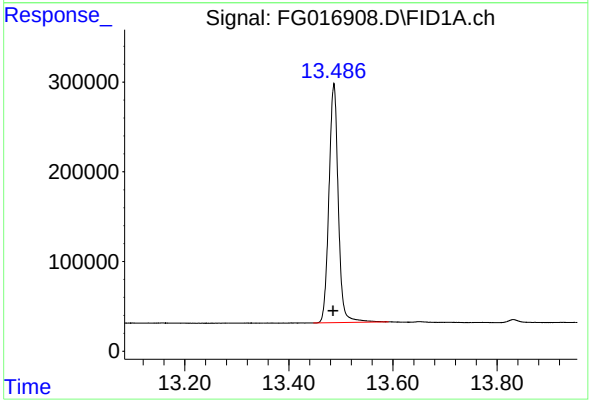




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-1



#12 1-chlorooctadecane (SURR)

R.T.: 13.487 min
Delta R.T.: 0.002 min
Response: 3316772
Conc: 27.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016908.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 12:38
Sample : Q3584-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.262	3.221	3.295	BV	82	1007	0.03%	0.008%
2	3.312	3.295	3.341	PV	105	1252	0.04%	0.010%
3	3.363	3.341	3.405	PV	273	3859	0.11%	0.030%
4	3.479	3.405	3.495	PV	123	2592	0.08%	0.020%
5	3.501	3.495	3.515	VV	107	1124	0.03%	0.009%
6	3.520	3.515	3.553	VV	100	1448	0.04%	0.011%
7	3.571	3.553	3.625	VV	111	2866	0.08%	0.022%
8	3.645	3.625	3.666	VV	628	3245	0.09%	0.025%
9	3.684	3.666	3.698	VV	214	2433	0.07%	0.019%
10	3.713	3.698	3.728	VV	164	2061	0.06%	0.016%
11	3.753	3.728	3.796	VV	214	4074	0.12%	0.032%
12	3.808	3.796	3.859	VV	129	3082	0.09%	0.024%
13	3.867	3.859	3.899	VV	125	1870	0.05%	0.015%
14	3.908	3.899	3.919	VV	70	618	0.02%	0.005%
15	3.956	3.919	3.968	VV	162	2364	0.07%	0.018%
16	3.978	3.968	4.031	VV	121	2857	0.08%	0.022%
17	4.049	4.031	4.067	VV	133	2100	0.06%	0.016%
18	4.081	4.067	4.125	VV	137	2596	0.08%	0.020%
19	4.160	4.125	4.177	VV	318	5058	0.15%	0.039%
20	4.195	4.177	4.219	VV	507	5864	0.17%	0.046%
21	4.234	4.219	4.249	VV	100	1352	0.04%	0.011%
22	4.272	4.249	4.301	VV	269	3410	0.10%	0.027%
23	4.366	4.301	4.413	VV	354	9054	0.26%	0.071%
24	4.424	4.413	4.510	VV	126	4179	0.12%	0.033%
25	4.532	4.510	4.563	VV	429	5920	0.17%	0.046%
26	4.569	4.563	4.594	VV	113	1417	0.04%	0.011%
27	4.623	4.594	4.688	VV	1146	15439	0.45%	0.120%
28	4.702	4.688	4.721	VV	139	1788	0.05%	0.014%
29	4.737	4.721	4.772	VV	292	5002	0.15%	0.039%
30	4.813	4.772	4.854	VV	559	9487	0.28%	0.074%
31	4.875	4.854	4.891	VV	426	4977	0.15%	0.039%
32	4.908	4.891	4.938	VV	779	9094	0.27%	0.071%
33	4.945	4.938	4.992	VV	137	3050	0.09%	0.024%
34	5.007	4.992	5.025	VV	134	1951	0.06%	0.015%
35	5.042	5.025	5.082	VV	229	4082	0.12%	0.032%
36	5.090	5.082	5.110	VV	132	1466	0.04%	0.011%

rteres

37	5.122	5.110	5.170	VV	120	1928	0.06%	0.015%
38	5.240	5.170	5.256	PV	208	4356	0.13%	0.034%
39	5.268	5.256	5.285	VV	77	1149	0.03%	0.009%
40	5.328	5.285	5.356	VV	2022	27269	0.80%	0.212%
41	5.387	5.356	5.418	VV	497	8309	0.24%	0.065%
42	5.445	5.418	5.494	VV	290	3511	0.10%	0.027%
43	5.516	5.494	5.525	PV	65	712	0.02%	0.006%
44	5.540	5.525	5.553	VV	124	1118	0.03%	0.009%
45	5.584	5.553	5.598	VV	99	1407	0.04%	0.011%
46	5.647	5.598	5.667	VV	75	1822	0.05%	0.014%
47	5.678	5.667	5.691	PV	122	590	0.02%	0.005%
48	5.701	5.691	5.715	PV	40	493	0.01%	0.004%
49	5.728	5.715	5.745	VV	61	956	0.03%	0.007%
50	5.767	5.745	5.790	VV	397	4748	0.14%	0.037%
51	5.811	5.790	5.834	VV	620	7475	0.22%	0.058%
52	5.845	5.834	5.861	VV	91	1444	0.04%	0.011%
53	5.871	5.861	5.904	VV	199	2372	0.07%	0.018%
54	5.959	5.904	6.008	VV	192	7193	0.21%	0.056%
55	6.031	6.008	6.050	VV	185	2320	0.07%	0.018%
56	6.077	6.050	6.115	VV	212	4523	0.13%	0.035%
57	6.139	6.115	6.187	VV	259	4685	0.14%	0.036%
58	6.203	6.187	6.229	VV	169	1661	0.05%	0.013%
59	6.248	6.229	6.285	PV	281	3284	0.10%	0.026%
60	6.301	6.285	6.322	PV	197	2514	0.07%	0.020%
61	6.359	6.322	6.384	VV	473	8695	0.25%	0.068%
62	6.402	6.384	6.423	VV	508	6243	0.18%	0.049%
63	6.448	6.423	6.491	VV	802	12378	0.36%	0.096%
64	6.512	6.491	6.554	VV	870	10992	0.32%	0.086%
65	6.582	6.554	6.636	VV	222	6142	0.18%	0.048%
66	6.647	6.636	6.671	VV	86	1377	0.04%	0.011%
67	6.692	6.671	6.777	VV	179	5243	0.15%	0.041%
68	6.804	6.777	6.870	PV	4726	59632	1.74%	0.464%
69	6.890	6.870	6.908	VV	417	5455	0.16%	0.042%
70	6.927	6.908	6.940	VV	303	4089	0.12%	0.032%
71	6.959	6.940	6.980	VV	740	9845	0.29%	0.077%
72	6.993	6.980	7.011	VV	277	3344	0.10%	0.026%
73	7.034	7.011	7.068	VV	498	6511	0.19%	0.051%
74	7.093	7.068	7.127	VV	194	2680	0.08%	0.021%
75	7.149	7.127	7.174	VV	179	2521	0.07%	0.020%
76	7.202	7.174	7.240	VV	129	3479	0.10%	0.027%
77	7.261	7.240	7.294	VV	401	6316	0.18%	0.049%
78	7.319	7.294	7.353	VV	615	12387	0.36%	0.096%
79	7.381	7.353	7.408	VV	568	10830	0.32%	0.084%
80	7.445	7.408	7.470	VV	688	14215	0.42%	0.111%
81	7.485	7.470	7.515	VV	413	5389	0.16%	0.042%
82	7.522	7.515	7.544	VV	122	1916	0.06%	0.015%
83	7.554	7.544	7.577	VV	211	2568	0.08%	0.020%
84	7.612	7.577	7.643	VV	1726	20586	0.60%	0.160%
85	7.693	7.643	7.705	VV	221	4743	0.14%	0.037%
86	7.721	7.705	7.736	VV	232	3247	0.09%	0.025%
87	7.756	7.736	7.782	VV	448	7262	0.21%	0.057%
88	7.821	7.782	7.838	VV	276	5742	0.17%	0.045%
89	7.850	7.838	7.875	VV	230	2862	0.08%	0.022%

rteres

90	7.882	7.875	7.888	PV	49	327	0.01%	0.003%
91	7.897	7.888	7.961	VV	90	1889	0.06%	0.015%
92	7.978	7.961	7.991	VV	107	1149	0.03%	0.009%
93	8.024	7.991	8.058	VV	614	8038	0.23%	0.063%
94	8.092	8.058	8.108	VV	203	3512	0.10%	0.027%
95	8.123	8.108	8.157	VV	249	3484	0.10%	0.027%
96	8.194	8.157	8.211	VV	171	3327	0.10%	0.026%
97	8.222	8.211	8.235	VV	138	1398	0.04%	0.011%
98	8.245	8.235	8.278	VV	116	1713	0.05%	0.013%
99	8.291	8.278	8.318	VV	113	1395	0.04%	0.011%
100	8.337	8.318	8.366	VV	441	6194	0.18%	0.048%
101	8.392	8.366	8.417	VV	1220	14287	0.42%	0.111%
102	8.429	8.417	8.449	VV	191	2681	0.08%	0.021%
103	8.462	8.449	8.511	VV	114	2862	0.08%	0.022%
104	8.550	8.511	8.616	VV	585	13733	0.40%	0.107%
105	8.645	8.616	8.714	VV	3752	55630	1.63%	0.433%
106	8.743	8.714	8.782	VV	417	11795	0.34%	0.092%
107	8.795	8.782	8.818	VV	357	4750	0.14%	0.037%
108	8.842	8.818	8.865	PV	300	4952	0.14%	0.039%
109	8.882	8.865	8.909	VV	430	5275	0.15%	0.041%
110	8.940	8.909	8.955	VV	100	1264	0.04%	0.010%
111	9.002	8.955	9.038	VV	241	7468	0.22%	0.058%
112	9.062	9.038	9.077	VV	224	4522	0.13%	0.035%
113	9.111	9.077	9.127	VV	417	8311	0.24%	0.065%
114	9.140	9.127	9.158	VV	403	5602	0.16%	0.044%
115	9.192	9.158	9.234	VV	666	16800	0.49%	0.131%
116	9.252	9.234	9.288	VV	243	4223	0.12%	0.033%
117	9.309	9.288	9.325	VV	317	4937	0.14%	0.038%
118	9.340	9.325	9.365	VV	429	8761	0.26%	0.068%
119	9.379	9.365	9.397	VV	807	10280	0.30%	0.080%
120	9.412	9.397	9.461	VV	688	17987	0.53%	0.140%
121	9.493	9.461	9.547	VV	1788	32856	0.96%	0.256%
122	9.567	9.547	9.586	VV	380	5141	0.15%	0.040%
123	9.615	9.586	9.648	VV	284	5470	0.16%	0.043%
124	9.658	9.648	9.686	VV	170	2833	0.08%	0.022%
125	9.720	9.686	9.751	VV	241	7845	0.23%	0.061%
126	9.780	9.751	9.816	VV	497	9835	0.29%	0.077%
127	9.848	9.816	9.884	VV	813	13526	0.40%	0.105%
128	9.902	9.884	9.968	VV	270	7383	0.22%	0.057%
129	9.991	9.968	10.016	VV	491	7258	0.21%	0.057%
130	10.041	10.016	10.085	VV	905	13805	0.40%	0.108%
131	10.101	10.085	10.121	VV	154	2269	0.07%	0.018%
132	10.133	10.121	10.152	VV	117	1218	0.04%	0.009%
133	10.185	10.152	10.236	VV	744	15373	0.45%	0.120%
134	10.265	10.236	10.318	VV	2023	33288	0.97%	0.259%
135	10.343	10.318	10.399	VV	382	12396	0.36%	0.097%
136	10.416	10.399	10.428	VV	216	2948	0.09%	0.023%
137	10.440	10.428	10.464	VV	176	2644	0.08%	0.021%
138	10.544	10.464	10.561	PV	235	6939	0.20%	0.054%
139	10.588	10.561	10.604	VV	369	6099	0.18%	0.048%
140	10.658	10.604	10.678	VV	537	13441	0.39%	0.105%
141	10.700	10.678	10.720	VV	409	7470	0.22%	0.058%

rteres

142	10.743	10.720	10.766	VV	287	6739	0.20%	0.052%
143	10.773	10.766	10.789	VV	193	1971	0.06%	0.015%
144	10.803	10.789	10.815	VV	145	1841	0.05%	0.014%
145	10.826	10.815	10.842	VV	176	2359	0.07%	0.018%
146	10.869	10.842	10.888	VV	434	7379	0.22%	0.057%
147	10.905	10.888	10.921	VV	351	5704	0.17%	0.044%
148	10.944	10.921	10.972	VV	546	12128	0.35%	0.094%
149	11.010	10.972	11.048	VV	748	19502	0.57%	0.152%
150	11.064	11.048	11.080	VV	451	6590	0.19%	0.051%
151	11.137	11.080	11.171	VV	1140	30011	0.88%	0.234%
152	11.194	11.171	11.212	VV	430	8422	0.25%	0.066%
153	11.227	11.212	11.248	VV	383	5516	0.16%	0.043%
154	11.264	11.248	11.285	VV	200	3295	0.10%	0.026%
155	11.292	11.285	11.311	VV	185	2354	0.07%	0.018%
156	11.334	11.311	11.361	VV	310	5843	0.17%	0.046%
157	11.382	11.361	11.414	VV	318	7520	0.22%	0.059%
158	11.436	11.414	11.495	VV	479	11845	0.35%	0.092%
159	11.518	11.495	11.560	VV	248	4919	0.14%	0.038%
160	11.571	11.560	11.598	VV	112	764	0.02%	0.006%
161	11.648	11.598	11.691	PV	1762	26702	0.78%	0.208%
162	11.717	11.691	11.805	VV	3031	51270	1.50%	0.399%
163	11.813	11.805	11.841	VV	331	4288	0.13%	0.033%
164	11.850	11.841	11.904	PV	116	1858	0.05%	0.014%
165	11.929	11.904	11.980	VV	108	2895	0.08%	0.023%
166	12.038	11.980	12.058	VV	422	8645	0.25%	0.067%
167	12.073	12.058	12.088	VV	266	3948	0.12%	0.031%
168	12.110	12.088	12.165	VV	438	10243	0.30%	0.080%
169	12.201	12.165	12.227	VV	442	9901	0.29%	0.077%
170	12.242	12.227	12.267	VV	117	1471	0.04%	0.011%
171	12.387	12.267	12.421	VV	638	25639	0.75%	0.200%
172	12.432	12.421	12.467	VV	336	6375	0.19%	0.050%
173	12.488	12.467	12.508	VV	238	4052	0.12%	0.032%
174	12.525	12.508	12.537	VV	356	4066	0.12%	0.032%
175	12.549	12.537	12.571	VV	314	5053	0.15%	0.039%
176	12.611	12.571	12.642	VV	789	18373	0.54%	0.143%
177	12.680	12.642	12.710	VV	501	11529	0.34%	0.090%
178	12.724	12.710	12.742	VV	243	3091	0.09%	0.024%
179	12.768	12.742	12.788	VV	246	4832	0.14%	0.038%
180	12.847	12.788	12.861	VV	393	12847	0.38%	0.100%
181	12.888	12.861	12.921	VV	1136	13389	0.39%	0.104%
182	12.932	12.921	12.945	VV	115	1277	0.04%	0.010%
183	12.975	12.945	13.007	VV	2367	31317	0.92%	0.244%
184	13.035	13.007	13.112	VV	3931	57766	1.69%	0.450%
185	13.157	13.112	13.225	VV	288	9266	0.27%	0.072%
186	13.235	13.225	13.248	PV	78	451	0.01%	0.004%
187	13.327	13.248	13.348	PV	190	6110	0.18%	0.048%
188	13.367	13.348	13.380	VV	183	1913	0.06%	0.015%
189	13.486	13.380	13.630	VV	268124	3421042	100.00%	26.642%
190	13.651	13.630	13.696	VV	1581	42983	1.26%	0.335%
191	13.707	13.696	13.740	VV	861	19053	0.56%	0.148%
192	13.771	13.740	13.795	VV	694	19402	0.57%	0.151%
193	13.831	13.795	13.901	VV	3872	78838	2.30%	0.614%
194	13.926	13.901	13.978	VV	685	26075	0.76%	0.203%

rteres

195	13.998	13.978	14.012	VV	458	8282	0.24%	0.064%
196	14.064	14.012	14.135	VV	4987	103244	3.02%	0.804%
197	14.193	14.135	14.219	VV	2606	56010	1.64%	0.436%
198	14.243	14.219	14.421	VV	4086	108906	3.18%	0.848%
199	14.430	14.421	14.434	VV	504	3552	0.10%	0.028%
200	14.478	14.434	14.504	VV	717	25491	0.75%	0.199%
201	14.542	14.504	14.565	VV	679	22636	0.66%	0.176%
202	14.579	14.565	14.593	VV	699	11122	0.33%	0.087%
203	14.636	14.593	14.645	VV	755	20708	0.61%	0.161%
204	14.685	14.645	14.751	VV	1528	62136	1.82%	0.484%
205	14.764	14.751	14.782	VV	878	15348	0.45%	0.120%
206	14.810	14.782	14.851	VV	2010	50159	1.47%	0.391%
207	14.918	14.851	14.924	VV	998	40397	1.18%	0.315%
208	14.980	14.924	15.037	VV	2490	89737	2.62%	0.699%
209	15.065	15.037	15.091	VV	1035	32202	0.94%	0.251%
210	15.196	15.091	15.268	VV	3506	144390	4.22%	1.124%
211	15.312	15.268	15.331	VV	2118	52103	1.52%	0.406%
212	15.355	15.331	15.491	VV	4755	137185	4.01%	1.068%
213	15.523	15.491	15.542	VV	806	22359	0.65%	0.174%
214	15.552	15.542	15.561	VV	751	7974	0.23%	0.062%
215	15.571	15.561	15.598	VV	693	14061	0.41%	0.110%
216	15.607	15.598	15.675	VV	646	25283	0.74%	0.197%
217	15.689	15.675	15.718	VV	564	13186	0.39%	0.103%
218	15.725	15.718	15.755	VV	517	10705	0.31%	0.083%
219	15.767	15.755	15.781	VV	525	7754	0.23%	0.060%
220	15.791	15.781	15.821	VV	541	11527	0.34%	0.090%
221	15.839	15.821	15.848	VV	493	7354	0.21%	0.057%
222	15.879	15.848	15.984	VV	2658	63486	1.86%	0.494%
223	16.022	15.984	16.051	VV	398	13379	0.39%	0.104%
224	16.058	16.051	16.091	VV	324	6890	0.20%	0.054%
225	16.114	16.091	16.134	VV	270	5760	0.17%	0.045%
226	16.210	16.134	16.223	VV	343	13866	0.41%	0.108%
227	16.242	16.223	16.265	VV	336	6786	0.20%	0.053%
228	16.270	16.265	16.301	VV	234	3682	0.11%	0.029%
229	16.308	16.301	16.321	VV	145	1791	0.05%	0.014%
230	16.345	16.321	16.358	VV	753	10623	0.31%	0.083%
231	16.384	16.358	16.455	VV	4394	77587	2.27%	0.604%
232	16.464	16.455	16.505	VV	184	3816	0.11%	0.030%
233	16.523	16.505	16.541	VV	135	1982	0.06%	0.015%
234	16.581	16.541	16.631	VV	157	4731	0.14%	0.037%
235	16.634	16.631	16.648	VV	69	307	0.01%	0.002%
236	16.700	16.648	16.723	PV	156	4351	0.13%	0.034%
237	16.748	16.723	16.770	VV	164	2468	0.07%	0.019%
238	16.780	16.770	16.811	VV	50	613	0.02%	0.005%
239	16.871	16.811	16.948	PV	3151	53758	1.57%	0.419%
240	16.960	16.948	16.992	VV	122	1641	0.05%	0.013%
241	17.043	16.992	17.065	VV	129	2752	0.08%	0.021%
242	17.073	17.065	17.085	VV	79	688	0.02%	0.005%
243	17.095	17.085	17.121	PV	77	545	0.02%	0.004%
244	17.172	17.121	17.191	VV	159	2495	0.07%	0.019%
245	17.230	17.191	17.249	VV	207	3573	0.10%	0.028%
246	17.272	17.249	17.280	PV	131	1303	0.04%	0.010%

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247	17.342	17.280	17.433	VV	4256	76075	2.22%	0.592%
248	17.460	17.433	17.511	VV	126	3259	0.10%	0.025%
249	17.530	17.511	17.553	VV	113	1344	0.04%	0.010%
250	17.632	17.553	17.660	PV	228	6037	0.18%	0.047%
251	17.683	17.660	17.698	VV	154	2264	0.07%	0.018%
252	17.795	17.698	17.855	VV	3841	67867	1.98%	0.529%
253	17.882	17.855	17.921	VV	325	9718	0.28%	0.076%
254	17.939	17.921	17.961	VV	174	3772	0.11%	0.029%
255	18.077	17.961	18.107	VV	378	11401	0.33%	0.089%
256	18.125	18.107	18.135	VV	159	1554	0.05%	0.012%
257	18.142	18.135	18.149	VV	109	397	0.01%	0.003%
258	18.235	18.149	18.292	PV	4252	72515	2.12%	0.565%
259	18.413	18.292	18.426	VV	136	6456	0.19%	0.050%
260	18.513	18.426	18.534	PV	394	8034	0.23%	0.063%
261	18.560	18.534	18.586	VV	479	7458	0.22%	0.058%
262	18.661	18.586	18.711	PV	3588	63909	1.87%	0.498%
263	18.725	18.711	18.733	VV	172	1911	0.06%	0.015%
264	18.757	18.733	18.773	VV	148	2965	0.09%	0.023%
265	18.807	18.773	18.818	VV	88	2149	0.06%	0.017%
266	18.928	18.818	18.950	PV	415	7686	0.22%	0.060%
267	18.971	18.950	18.995	VV	189	3032	0.09%	0.024%
268	19.073	18.995	19.143	PV	3499	67179	1.96%	0.523%
269	19.331	19.143	19.352	PV	439	24718	0.72%	0.192%
270	19.378	19.352	19.403	VV	504	10725	0.31%	0.084%
271	19.474	19.403	19.541	VV	2736	84672	2.48%	0.659%
272	19.862	19.541	19.892	VV	3654	255910	7.48%	1.993%
273	19.912	19.892	19.923	VV	1836	33678	0.98%	0.262%
274	20.049	19.923	20.059	VV	2279	168077	4.91%	1.309%
275	20.154	20.059	20.187	VV	2867	198171	5.79%	1.543%
276	20.240	20.187	20.271	VV	4197	165935	4.85%	1.292%
277	20.608	20.271	20.638	VV	6048	892403	26.09%	6.950%
278	20.886	20.638	20.911	VV	5822	929919	27.18%	7.242%
279	20.925	20.911	20.938	VV	5600	88860	2.60%	0.692%
280	20.979	20.938	21.021	VV	6119	287655	8.41%	2.240%
281	21.119	21.021	21.217	VV	7020	712993	20.84%	5.553%
282	21.228	21.217	21.255	VV	5403	120873	3.53%	0.941%
283	21.264	21.255	21.299	VV	5219	135975	3.97%	1.059%
284	21.307	21.299	21.342	VV	5095	127475	3.73%	0.993%
285	21.382	21.342	21.455	VV	5344	327623	9.58%	2.551%
286	21.464	21.455	21.474	VV	4401	50022	1.46%	0.390%
287	21.484	21.474	21.493	VV	4327	48983	1.43%	0.381%
288	21.528	21.493	21.570	VV	4305	194911	5.70%	1.518%
289	21.580	21.570	21.631	VV	4104	140017	4.09%	1.090%
290	21.682	21.631	21.715	VV	3621	181916	5.32%	1.417%
291	21.741	21.715	21.794	VV	3458	157792	4.61%	1.229%
292	21.847	21.794	21.877	VV	3115	147235	4.30%	1.147%
293	21.891	21.877	21.925	VV	2782	76444	2.23%	0.595%
294	21.937	21.925	22.001	VV	2579	110712	3.24%	0.862%
295	22.048	22.001	22.061	VV	2059	74283	2.17%	0.578%
296	22.068	22.061	22.168	VV	1940	106205	3.10%	0.827%
297	22.244	22.168	22.284	VV	1248	83946	2.45%	0.654%
298	22.307	22.284	22.325	VV	958	21980	0.64%	0.171%
299	22.366	22.325	22.461	VV	903	45067	1.32%	0.351%

rteres
Sum of corrected areas: 12840659

Aliphatic EPH 102925.M Fri Nov 14 05:04:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016661.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:25
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-2

Integration File: autoint1.e
Quant Time: Nov 14 05:19:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.014	6432340	56.762 ug/ml
Spiked Amount 50.000		Recovery = 113.52%	
6) S 2-Flurobiphenyl (SURR)	8.890	4345540	60.929 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 121.86%	
11) S ortho-Terphenyl (SURR)	11.958	5775432	39.328 ug/ml
Spiked Amount 50.000		Recovery = 78.66%	
Target Compounds			

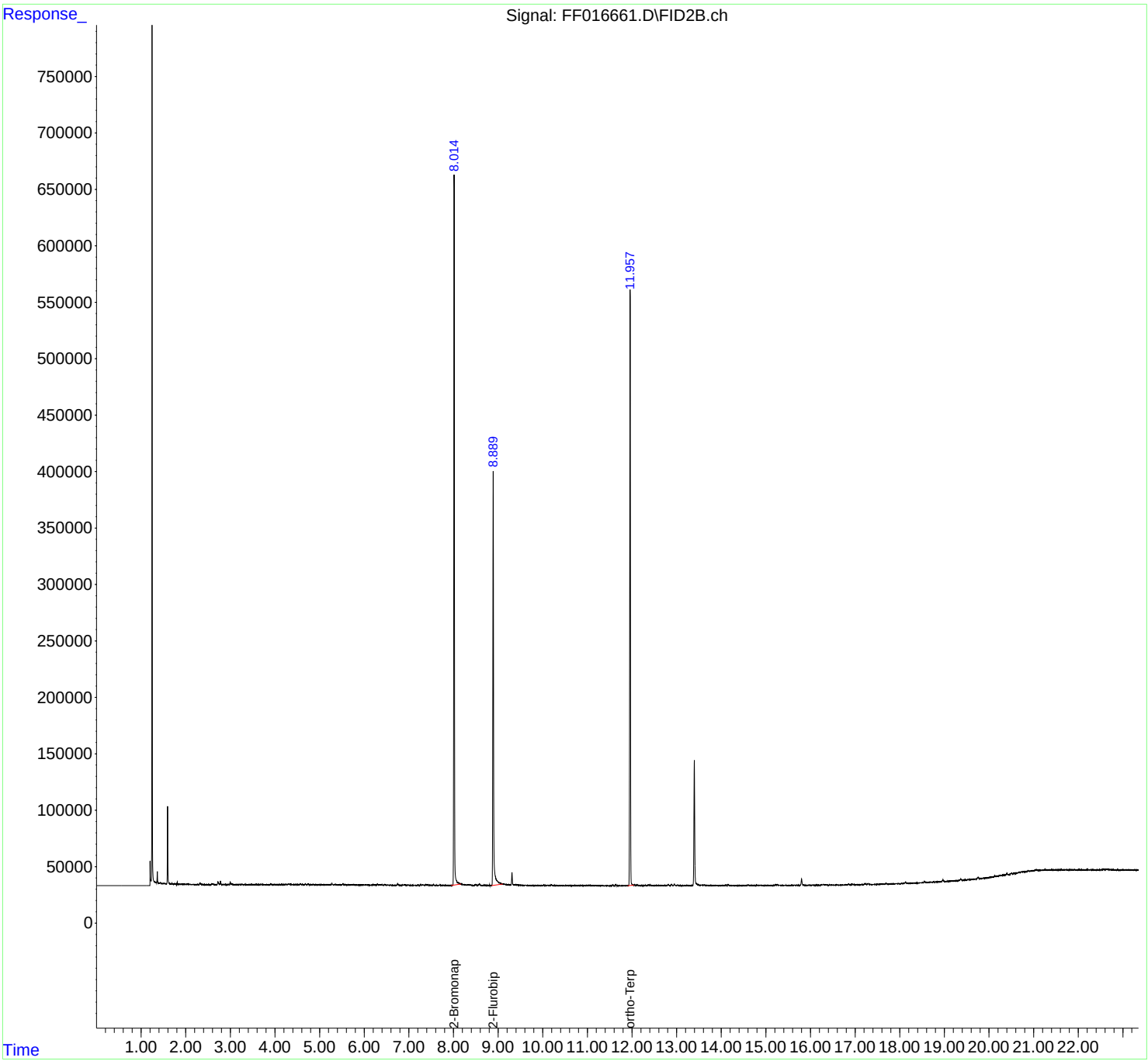
(f)=RT Delta > 1/2 Window (m)=manual int.

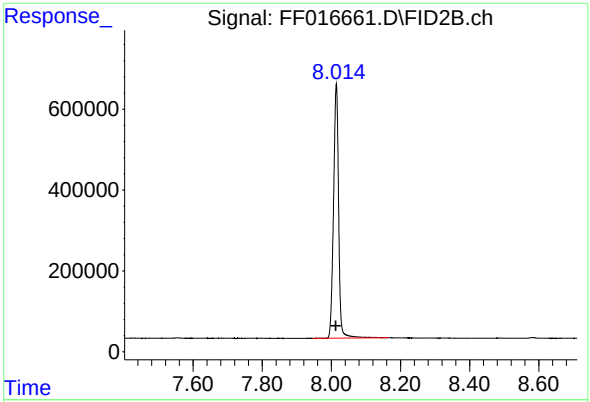
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016661.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:25
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-2

Integration File: autoint1.e
Quant Time: Nov 14 05:19:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

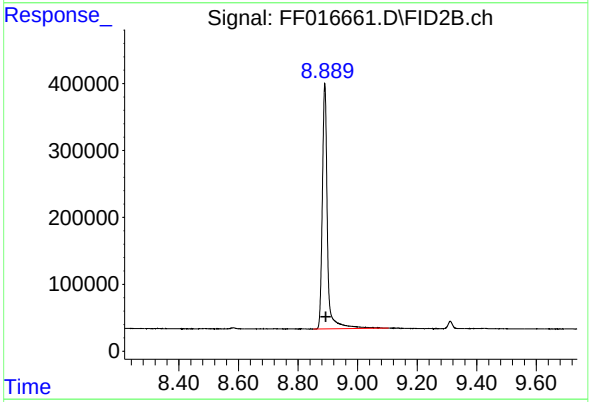




#4 2-Bromonaphthalene (SURR)

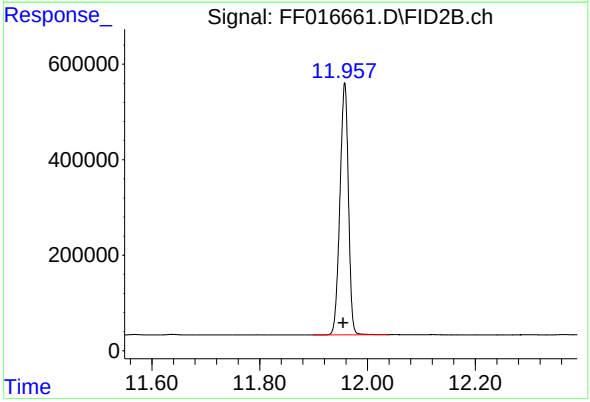
R.T.: 8.014 min
Delta R.T.: 0.001 min
Response: 6432340
Conc: 56.76 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-2



#6 2-Flurobiphenyl (SURR)

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 4345540
Conc: 60.93 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.003 min
Response: 5775432
Conc: 39.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016661.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:25
Sample : Q3584-02
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.454	4.441	4.459	PV	130	1023	0.02%	0.005%
2	4.481	4.459	4.499	VV	327	3751	0.06%	0.018%
3	4.515	4.510	4.541	VV	146	1147	0.02%	0.006%
4	4.570	4.550	4.595	VV	858	10516	0.16%	0.051%
5	4.606	4.595	4.632	VV	372	4649	0.07%	0.023%
6	4.638	4.632	4.661	VV	147	1911	0.03%	0.009%
7	4.682	4.661	4.714	VV	560	9363	0.14%	0.046%
8	4.736	4.714	4.752	VV	874	10397	0.16%	0.051%
9	4.760	4.752	4.777	VV	549	5170	0.08%	0.025%
10	4.786	4.777	4.807	VV	325	2495	0.04%	0.012%
11	4.823	4.807	4.838	VV	359	4032	0.06%	0.020%
12	4.856	4.838	4.902	VV	636	7955	0.12%	0.039%
13	4.957	4.913	4.979	VV	193	5446	0.08%	0.027%
14	4.988	4.979	5.019	VV	256	4073	0.06%	0.020%
15	5.035	5.019	5.054	VV	213	3323	0.05%	0.016%
16	5.067	5.054	5.141	VV	272	8739	0.13%	0.043%
17	5.149	5.141	5.179	VV	162	2839	0.04%	0.014%
18	5.190	5.179	5.223	VV	150	3161	0.05%	0.015%
19	5.276	5.223	5.308	VV	1350	21872	0.33%	0.107%
20	5.334	5.308	5.380	VV	450	11119	0.17%	0.054%
21	5.391	5.380	5.452	VV	218	5237	0.08%	0.026%
22	5.458	5.452	5.474	PV	114	1129	0.02%	0.006%
23	5.489	5.474	5.497	VV	190	1557	0.02%	0.008%
24	5.519	5.497	5.559	VV	1249	19820	0.30%	0.097%
25	5.570	5.559	5.607	VV	282	5868	0.09%	0.029%
26	5.614	5.607	5.629	VV	211	1517	0.02%	0.007%
27	5.640	5.629	5.662	VV	106	2239	0.03%	0.011%
28	5.676	5.662	5.694	VV	211	2855	0.04%	0.014%
29	5.710	5.694	5.729	VV	416	6056	0.09%	0.030%
30	5.756	5.729	5.780	VV	492	9199	0.14%	0.045%
31	5.788	5.780	5.809	VV	143	1414	0.02%	0.007%
32	5.818	5.809	5.881	VV	132	4028	0.06%	0.020%
33	5.909	5.881	5.954	VV	228	6346	0.10%	0.031%
34	5.974	5.954	5.987	VV	188	2499	0.04%	0.012%
35	6.023	5.987	6.049	VV	219	5911	0.09%	0.029%
36	6.061	6.049	6.076	VV	242	2943	0.04%	0.014%

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37	6.085	6.076	6.132	VV	288	4877	0.07%	0.024%
38	6.148	6.132	6.160	VV	197	1874	0.03%	0.009%
39	6.200	6.175	6.223	VV	700	9958	0.15%	0.049%
40	6.247	6.223	6.268	VV	331	5290	0.08%	0.026%
41	6.293	6.268	6.331	VV	873	19279	0.29%	0.094%
42	6.348	6.331	6.373	VV	577	8756	0.13%	0.043%
43	6.393	6.373	6.436	VV	855	13722	0.21%	0.067%
44	6.458	6.436	6.502	VV	901	13081	0.20%	0.064%
45	6.533	6.502	6.581	VV	262	7957	0.12%	0.039%
46	6.588	6.581	6.652	VV	181	5380	0.08%	0.026%
47	6.669	6.652	6.704	VV	69	1721	0.03%	0.008%
48	6.749	6.704	6.783	VV	1813	22659	0.34%	0.111%
49	6.795	6.783	6.811	VV	92	1393	0.02%	0.007%
50	6.835	6.811	6.852	VV	331	3410	0.05%	0.017%
51	6.872	6.852	6.884	VV	296	2975	0.05%	0.015%
52	6.903	6.884	6.926	VV	616	7223	0.11%	0.035%
53	6.938	6.926	6.958	VV	190	2292	0.03%	0.011%
54	6.979	6.958	7.005	PV	349	4731	0.07%	0.023%
55	7.035	7.005	7.059	VV	190	3034	0.05%	0.015%
56	7.089	7.059	7.116	VV	193	3005	0.05%	0.015%
57	7.147	7.116	7.184	VV	169	3743	0.06%	0.018%
58	7.205	7.184	7.237	VV	334	6393	0.10%	0.031%
59	7.262	7.237	7.295	VV	522	12634	0.19%	0.062%
60	7.324	7.295	7.354	VV	585	12701	0.19%	0.062%
61	7.371	7.354	7.381	VV	604	7095	0.11%	0.035%
62	7.389	7.381	7.413	VV	593	8574	0.13%	0.042%
63	7.427	7.413	7.479	VV	506	10025	0.15%	0.049%
64	7.488	7.479	7.514	VV	207	3411	0.05%	0.017%
65	7.526	7.514	7.534	VV	266	2353	0.04%	0.012%
66	7.555	7.534	7.589	VV	1085	14249	0.22%	0.070%
67	7.616	7.589	7.649	VV	328	6275	0.10%	0.031%
68	7.665	7.649	7.681	VV	221	3171	0.05%	0.016%
69	7.699	7.681	7.744	VV	382	7086	0.11%	0.035%
70	7.766	7.744	7.784	VV	343	4750	0.07%	0.023%
71	7.793	7.784	7.850	VV	284	4223	0.06%	0.021%
72	7.859	7.850	7.888	VV	166	2053	0.03%	0.010%
73	7.915	7.888	7.926	PV	106	1297	0.02%	0.006%
74	7.934	7.926	7.948	VV	178	1505	0.02%	0.007%
75	7.965	7.948	7.981	VV	362	4136	0.06%	0.020%
76	8.014	7.981	8.255	VV	629591	6581160	100.00%	32.229%
77	8.273	8.255	8.309	VV	845	23235	0.35%	0.114%
78	8.330	8.309	8.348	VV	795	14860	0.23%	0.073%
79	8.355	8.348	8.386	VV	526	10577	0.16%	0.052%
80	8.396	8.386	8.459	VV	496	16789	0.26%	0.082%
81	8.488	8.459	8.544	VV	669	21651	0.33%	0.106%
82	8.582	8.544	8.650	VV	1892	34948	0.53%	0.171%
83	8.723	8.650	8.756	VV	456	18419	0.28%	0.090%
84	8.777	8.756	8.802	VV	220	5455	0.08%	0.027%
85	8.814	8.802	8.851	VV	307	4832	0.07%	0.024%
86	8.890	8.851	9.223	VV	367119	4536742	68.94%	22.217%
87	9.235	9.223	9.279	VV	843	23786	0.36%	0.116%
88	9.311	9.279	9.377	VV	11787	153049	2.33%	0.749%
89	9.390	9.377	9.409	VV	902	14737	0.22%	0.072%

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90	9.425	9.409	9.526	VV	1065	42067	0.64%	0.206%
91	9.547	9.526	9.577	VV	395	9848	0.15%	0.048%
92	9.600	9.577	9.621	VV	393	8735	0.13%	0.043%
93	9.631	9.621	9.686	VV	320	9216	0.14%	0.045%
94	9.713	9.686	9.743	VV	309	8030	0.12%	0.039%
95	9.778	9.743	9.817	VV	375	9418	0.14%	0.046%
96	9.849	9.817	9.862	VV	209	4571	0.07%	0.022%
97	9.865	9.862	9.898	VV	230	3441	0.05%	0.017%
98	9.914	9.898	9.949	VV	289	5528	0.08%	0.027%
99	9.970	9.949	10.005	VV	338	6440	0.10%	0.032%
100	10.027	10.005	10.049	VV	808	11094	0.17%	0.054%
101	10.112	10.049	10.170	VV	598	21337	0.32%	0.104%
102	10.192	10.170	10.235	VV	974	16505	0.25%	0.081%
103	10.267	10.235	10.279	VV	292	4923	0.07%	0.024%
104	10.289	10.279	10.327	VV	248	5225	0.08%	0.026%
105	10.361	10.327	10.399	VV	196	5170	0.08%	0.025%
106	10.427	10.399	10.465	VV	158	3116	0.05%	0.015%
107	10.472	10.465	10.489	VV	130	1349	0.02%	0.007%
108	10.521	10.489	10.552	VV	218	5227	0.08%	0.026%
109	10.586	10.552	10.602	VV	267	5164	0.08%	0.025%
110	10.619	10.602	10.644	VV	252	4607	0.07%	0.023%
111	10.666	10.644	10.676	VV	193	2751	0.04%	0.013%
112	10.682	10.676	10.696	VV	178	1680	0.03%	0.008%
113	10.713	10.696	10.738	VV	338	5236	0.08%	0.026%
114	10.751	10.738	10.777	VV	244	3966	0.06%	0.019%
115	10.794	10.777	10.803	VV	262	2985	0.05%	0.015%
116	10.819	10.803	10.844	VV	333	5532	0.08%	0.027%
117	10.866	10.844	10.892	VV	286	6949	0.11%	0.034%
118	10.933	10.892	10.974	VV	359	13081	0.20%	0.064%
119	10.987	10.974	11.019	VV	291	6140	0.09%	0.030%
120	11.058	11.019	11.100	VV	542	15724	0.24%	0.077%
121	11.120	11.100	11.135	VV	205	3260	0.05%	0.016%
122	11.181	11.135	11.211	VV	157	6181	0.09%	0.030%
123	11.252	11.211	11.284	VV	256	6857	0.10%	0.034%
124	11.310	11.284	11.342	VV	199	5472	0.08%	0.027%
125	11.361	11.342	11.382	VV	265	3794	0.06%	0.019%
126	11.390	11.382	11.398	VV	134	1013	0.02%	0.005%
127	11.404	11.398	11.427	VV	94	1259	0.02%	0.006%
128	11.442	11.427	11.486	VV	135	3003	0.05%	0.015%
129	11.505	11.486	11.521	VV	131	1372	0.02%	0.007%
130	11.568	11.534	11.594	PV	1027	13727	0.21%	0.067%
131	11.638	11.594	11.696	VV	1293	20202	0.31%	0.099%
132	11.719	11.696	11.758	VV	250	5691	0.09%	0.028%
133	11.796	11.777	11.851	VV	240	4969	0.08%	0.024%
134	11.863	11.851	11.899	VV	124	1889	0.03%	0.009%
135	11.958	11.899	12.042	VV	529340	5804848	88.20%	28.427%
136	12.050	12.042	12.086	VV	753	14773	0.22%	0.072%
137	12.121	12.086	12.187	VV	688	22146	0.34%	0.108%
138	12.202	12.187	12.213	VV	264	2963	0.05%	0.015%
139	12.250	12.213	12.267	VV	262	6390	0.10%	0.031%
140	12.304	12.267	12.337	VV	509	12389	0.19%	0.061%
141	12.363	12.337	12.382	VV	810	13028	0.20%	0.064%

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142	12.402	12.382	12.434	VV	952	15813	0.24%	0.077%
143	12.459	12.434	12.491	VV	304	7558	0.11%	0.037%
144	12.528	12.491	12.560	VV	404	10300	0.16%	0.050%
145	12.582	12.560	12.619	VV	303	8084	0.12%	0.040%
146	12.641	12.619	12.699	VV	256	10677	0.16%	0.052%
147	12.718	12.699	12.753	VV	266	7354	0.11%	0.036%
148	12.810	12.753	12.842	VV	992	22323	0.34%	0.109%
149	12.888	12.842	12.921	VV	1347	25521	0.39%	0.125%
150	12.950	12.921	12.992	VV	1668	25126	0.38%	0.123%
151	13.018	12.992	13.058	VV	713	14804	0.22%	0.072%
152	13.075	13.058	13.131	VV	249	5244	0.08%	0.026%
153	13.183	13.131	13.206	VV	152	3717	0.06%	0.018%
154	13.235	13.206	13.298	VV	287	9521	0.14%	0.047%
155	13.397	13.298	13.546	VV	111353	1433976	21.79%	7.022%
156	13.565	13.546	13.596	VV	653	14998	0.23%	0.073%
157	13.621	13.596	13.668	VV	686	18751	0.28%	0.092%
158	13.677	13.668	13.702	VV	350	5693	0.09%	0.028%
159	13.704	13.702	13.742	VV	356	5605	0.09%	0.027%
160	13.762	13.742	13.775	VV	254	4536	0.07%	0.022%
161	13.836	13.775	13.844	VV	364	11008	0.17%	0.054%
162	13.853	13.844	13.886	VV	362	7051	0.11%	0.035%
163	13.897	13.886	13.923	VV	264	5094	0.08%	0.025%
164	13.940	13.923	13.995	VV	241	9775	0.15%	0.048%
165	14.019	13.995	14.057	VV	365	9448	0.14%	0.046%
166	14.064	14.057	14.074	VV	279	2031	0.03%	0.010%
167	14.102	14.074	14.128	VV	1009	17114	0.26%	0.084%
168	14.153	14.128	14.191	VV	1318	21685	0.33%	0.106%
169	14.203	14.191	14.292	VV	238	7849	0.12%	0.038%
170	14.299	14.292	14.319	VV	111	1073	0.02%	0.005%
171	14.401	14.348	14.425	VV	155	4404	0.07%	0.022%
172	14.436	14.425	14.481	VV	185	3154	0.05%	0.015%
173	14.492	14.481	14.516	VV	137	1986	0.03%	0.010%
174	14.545	14.516	14.569	VV	183	3981	0.06%	0.019%
175	14.596	14.569	14.664	VV	831	19806	0.30%	0.097%
176	14.679	14.664	14.704	VV	227	3894	0.06%	0.019%
177	14.716	14.704	14.749	VV	230	4303	0.07%	0.021%
178	14.809	14.749	14.837	VV	342	10388	0.16%	0.051%
179	14.878	14.837	14.919	VV	375	13478	0.20%	0.066%
180	14.929	14.919	14.961	VV	197	4356	0.07%	0.021%
181	14.970	14.961	15.001	VV	187	4512	0.07%	0.022%
182	15.034	15.001	15.072	VV	271	7103	0.11%	0.035%
183	15.079	15.072	15.139	VV	184	5214	0.08%	0.026%
184	15.216	15.156	15.239	VV	785	15933	0.24%	0.078%
185	15.260	15.239	15.369	VV	1152	26064	0.40%	0.128%
186	15.386	15.369	15.397	VV	130	1470	0.02%	0.007%
187	15.442	15.397	15.497	PV	321	8447	0.13%	0.041%
188	15.503	15.497	15.529	VV	108	1671	0.03%	0.008%
189	15.569	15.529	15.622	VV	332	8440	0.13%	0.041%
190	15.637	15.622	15.647	VV	159	1648	0.03%	0.008%
191	15.686	15.647	15.702	VV	219	5171	0.08%	0.025%
192	15.735	15.702	15.761	VV	166	4536	0.07%	0.022%
193	15.799	15.761	15.891	VV	5695	85286	1.30%	0.418%
194	15.911	15.891	15.941	VV	152	3730	0.06%	0.018%

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195	15.953	15.941	15.964	VV	135	1574	0.02%	0.008%
196	15.988	15.964	16.031	VV	208	4642	0.07%	0.023%
197	16.082	16.031	16.120	VV	233	6279	0.10%	0.031%
198	16.132	16.120	16.164	VV	171	2954	0.04%	0.014%
199	16.171	16.164	16.206	VV	158	2448	0.04%	0.012%
200	16.248	16.206	16.266	VV	554	9322	0.14%	0.046%
201	16.286	16.266	16.399	VV	867	21548	0.33%	0.106%
202	16.424	16.399	16.443	VV	249	3551	0.05%	0.017%
203	16.472	16.443	16.527	VV	168	6004	0.09%	0.029%
204	16.595	16.565	16.625	VV	146	2819	0.04%	0.014%
205	16.636	16.625	16.659	VV	105	1120	0.02%	0.005%
206	16.681	16.659	16.694	PV	101	1510	0.02%	0.007%
207	16.733	16.704	16.746	VV	111	1817	0.03%	0.009%
208	16.771	16.746	16.821	VV	430	8620	0.13%	0.042%
209	16.853	16.821	16.890	VV	899	15859	0.24%	0.078%
210	16.929	16.890	17.054	VV	560	27833	0.42%	0.136%
211	17.068	17.054	17.101	VV	216	3090	0.05%	0.015%
212	17.135	17.101	17.169	VV	237	5442	0.08%	0.027%
213	17.238	17.169	17.264	VV	985	26849	0.41%	0.131%
214	17.288	17.264	17.335	VV	931	17934	0.27%	0.088%
215	17.351	17.335	17.412	VV	179	3650	0.06%	0.018%
216	17.428	17.412	17.457	VV	129	2033	0.03%	0.010%
217	17.469	17.457	17.486	PV	122	1205	0.02%	0.006%
218	17.509	17.486	17.537	VV	108	1905	0.03%	0.009%
219	17.574	17.537	17.614	VV	225	5584	0.08%	0.027%
220	17.691	17.636	17.744	VV	824	16815	0.26%	0.082%
221	17.795	17.744	17.813	PV	192	4229	0.06%	0.021%
222	17.885	17.833	17.909	PV	174	4184	0.06%	0.020%
223	17.961	17.909	17.982	VV	152	3706	0.06%	0.018%
224	17.995	17.982	18.020	VV	112	1636	0.02%	0.008%
225	18.130	18.020	18.181	PV	1328	30878	0.47%	0.151%
226	18.329	18.181	18.341	VV	165	8161	0.12%	0.040%
227	18.354	18.341	18.374	PV	140	1292	0.02%	0.006%
228	18.413	18.374	18.432	PV	242	3452	0.05%	0.017%
229	18.514	18.432	18.523	VV	126	2709	0.04%	0.013%
230	18.557	18.523	18.597	VV	1266	21925	0.33%	0.107%
231	18.666	18.597	18.697	VV	202	7974	0.12%	0.039%
232	18.723	18.697	18.730	VV	101	1249	0.02%	0.006%
233	18.758	18.730	18.774	VV	222	1929	0.03%	0.009%
234	18.818	18.774	18.837	PV	170	3389	0.05%	0.017%

Sum of corrected areas: 20420235

Aromatic EPH 102925.M Fri Nov 14 05:41:08 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016909.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:08
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-2

Integration File: autoint1.E
Quant Time: Nov 14 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.485	3629597	30.138 ug/ml
Spiked Amount 50.000		Recovery = 60.28%	
Target Compounds			

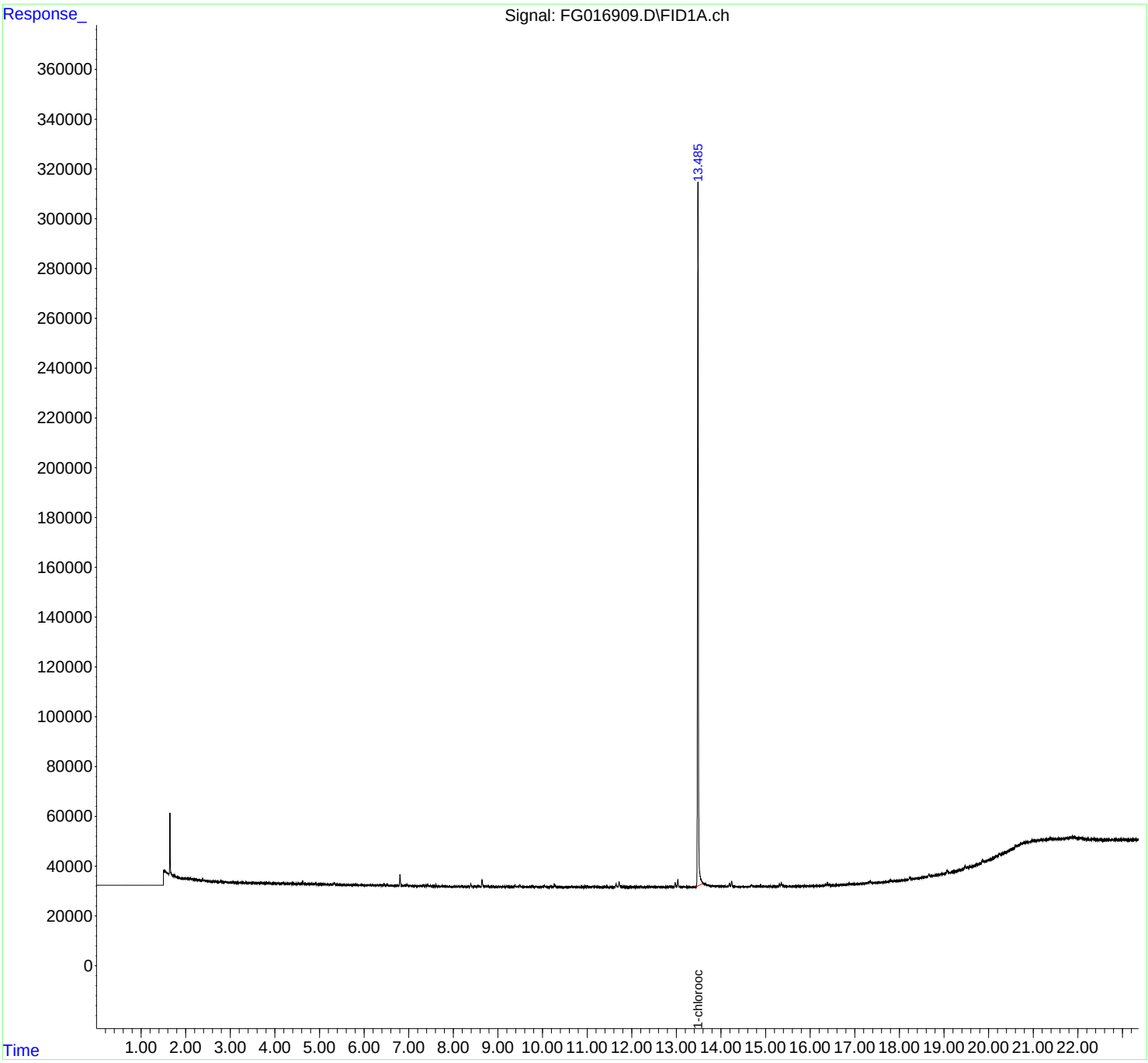
(f)=RT Delta > 1/2 Window (m)=manual int.

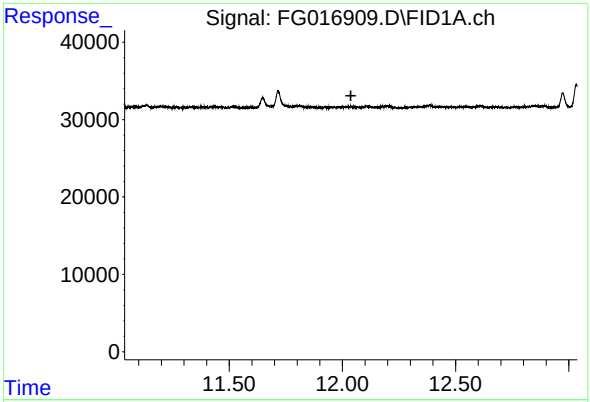
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016909.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:08
Operator : YP\AJ
Sample : Q3584-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-2

Integration File: autoint1.E
Quant Time: Nov 14 04:28:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

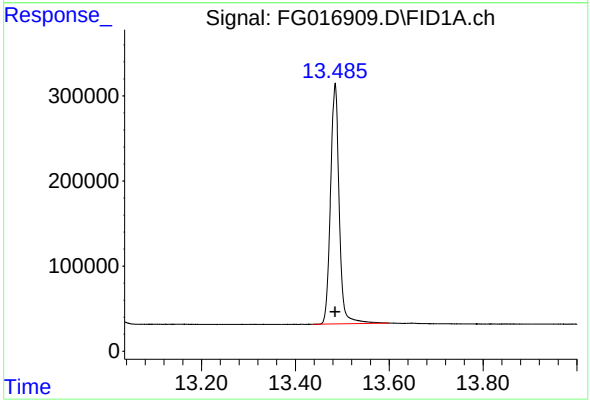




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-2



#12 1-chlorooctadecane (SURR)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3629597
Conc: 30.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016909.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:08
Sample : Q3584-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.296	3.255	3.318	BV	39	956	0.03%	0.009%
2	3.325	3.318	3.334	VV	53	440	0.01%	0.004%
3	3.362	3.334	3.395	VV	165	2940	0.08%	0.027%
4	3.451	3.395	3.471	PV	120	3180	0.09%	0.029%
5	3.480	3.471	3.502	VV	95	1407	0.04%	0.013%
6	3.505	3.502	3.528	VV	106	1129	0.03%	0.010%
7	3.532	3.528	3.589	VV	85	2228	0.06%	0.020%
8	3.599	3.589	3.615	VV	111	1088	0.03%	0.010%
9	3.634	3.615	3.662	VV	93	1612	0.04%	0.015%
10	3.679	3.662	3.705	VV	178	2578	0.07%	0.024%
11	3.755	3.705	3.801	VV	144	4311	0.12%	0.039%
12	3.812	3.801	3.834	VV	136	1769	0.05%	0.016%
13	3.848	3.834	3.935	VV	124	4588	0.12%	0.042%
14	3.971	3.935	4.022	VV	152	4571	0.12%	0.042%
15	4.053	4.022	4.110	VV	144	4302	0.12%	0.039%
16	4.138	4.110	4.147	VV	145	1404	0.04%	0.013%
17	4.161	4.147	4.182	VV	271	2940	0.08%	0.027%
18	4.192	4.182	4.219	VV	291	3981	0.11%	0.036%
19	4.235	4.219	4.246	VV	117	1103	0.03%	0.010%
20	4.271	4.246	4.322	VV	255	3999	0.11%	0.037%
21	4.364	4.322	4.411	VV	268	6657	0.18%	0.061%
22	4.420	4.411	4.448	VV	135	1890	0.05%	0.017%
23	4.459	4.448	4.518	VV	93	3267	0.09%	0.030%
24	4.533	4.518	4.589	VV	510	6953	0.19%	0.064%
25	4.623	4.589	4.645	VV	982	11746	0.31%	0.108%
26	4.659	4.645	4.715	VV	158	4758	0.13%	0.044%
27	4.735	4.715	4.775	VV	247	5376	0.14%	0.049%
28	4.811	4.775	4.859	VV	326	7128	0.19%	0.065%
29	4.875	4.859	4.891	VV	274	3129	0.08%	0.029%
30	4.907	4.891	4.946	VV	391	6695	0.18%	0.061%
31	4.959	4.946	4.979	VV	143	2208	0.06%	0.020%
32	4.991	4.979	5.027	VV	174	3396	0.09%	0.031%
33	5.044	5.027	5.071	VV	193	3534	0.09%	0.032%
34	5.086	5.071	5.103	VV	155	2039	0.05%	0.019%
35	5.109	5.103	5.176	VV	120	2824	0.08%	0.026%
36	5.203	5.176	5.226	VV	81	1157	0.03%	0.011%

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37	5.242	5.226	5.281	VV	142	2699	0.07%	0.025%
38	5.328	5.281	5.361	VV	948	14439	0.39%	0.132%
39	5.381	5.361	5.424	VV	247	5369	0.14%	0.049%
40	5.447	5.424	5.497	VV	270	3153	0.08%	0.029%
41	5.512	5.497	5.520	PV	90	623	0.02%	0.006%
42	5.534	5.520	5.542	VV	87	857	0.02%	0.008%
43	5.553	5.542	5.571	VV	138	1468	0.04%	0.013%
44	5.593	5.571	5.625	VV	117	1920	0.05%	0.018%
45	5.632	5.625	5.675	VV	113	1794	0.05%	0.016%
46	5.686	5.675	5.702	VV	111	839	0.02%	0.008%
47	5.708	5.702	5.749	VV	64	1717	0.05%	0.016%
48	5.767	5.749	5.794	VV	337	4689	0.13%	0.043%
49	5.811	5.794	5.832	VV	336	3989	0.11%	0.037%
50	5.842	5.832	5.908	VV	76	3055	0.08%	0.028%
51	5.956	5.908	6.006	VV	169	6499	0.17%	0.060%
52	6.031	6.006	6.054	VV	175	2550	0.07%	0.023%
53	6.078	6.054	6.106	VV	203	3998	0.11%	0.037%
54	6.138	6.106	6.183	VV	262	5050	0.14%	0.046%
55	6.202	6.183	6.227	VV	173	2041	0.05%	0.019%
56	6.249	6.227	6.278	VV	282	3685	0.10%	0.034%
57	6.301	6.278	6.337	PV	230	4134	0.11%	0.038%
58	6.362	6.337	6.381	VV	518	7228	0.19%	0.066%
59	6.401	6.381	6.428	VV	471	6367	0.17%	0.058%
60	6.448	6.428	6.481	VV	722	10623	0.28%	0.097%
61	6.511	6.481	6.552	VV	940	10775	0.29%	0.099%
62	6.582	6.552	6.618	VV	142	3815	0.10%	0.035%
63	6.628	6.618	6.664	VV	89	1354	0.04%	0.012%
64	6.676	6.664	6.685	VV	121	976	0.03%	0.009%
65	6.691	6.685	6.727	VV	138	1964	0.05%	0.018%
66	6.736	6.727	6.755	VV	108	1065	0.03%	0.010%
67	6.804	6.755	6.868	VV	4609	59607	1.59%	0.546%
68	6.889	6.868	6.910	VV	251	4345	0.12%	0.040%
69	6.927	6.910	6.941	VV	279	3316	0.09%	0.030%
70	6.958	6.941	6.983	VV	546	7219	0.19%	0.066%
71	6.994	6.983	7.014	VV	242	2993	0.08%	0.027%
72	7.033	7.014	7.072	VV	348	5116	0.14%	0.047%
73	7.091	7.072	7.125	VV	200	3225	0.09%	0.030%
74	7.145	7.125	7.175	VV	195	2897	0.08%	0.027%
75	7.212	7.175	7.235	VV	148	3273	0.09%	0.030%
76	7.261	7.235	7.292	VV	222	3366	0.09%	0.031%
77	7.319	7.292	7.329	VV	429	5017	0.13%	0.046%
78	7.336	7.329	7.353	VV	370	3825	0.10%	0.035%
79	7.381	7.353	7.408	VV	427	7035	0.19%	0.064%
80	7.430	7.408	7.466	VV	485	9489	0.25%	0.087%
81	7.485	7.466	7.515	VV	434	5147	0.14%	0.047%
82	7.531	7.515	7.544	VV	83	1112	0.03%	0.010%
83	7.558	7.544	7.587	VV	107	1259	0.03%	0.012%
84	7.611	7.587	7.636	VV	719	8344	0.22%	0.076%
85	7.652	7.636	7.660	VV	55	585	0.02%	0.005%
86	7.672	7.660	7.682	VV	71	892	0.02%	0.008%
87	7.691	7.682	7.712	VV	127	1318	0.04%	0.012%
88	7.725	7.712	7.734	VV	129	1306	0.03%	0.012%
89	7.755	7.734	7.774	VV	236	3755	0.10%	0.034%

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90	7.785	7.774	7.801	VV	178	1798	0.05%	0.016%
91	7.821	7.801	7.838	VV	180	2589	0.07%	0.024%
92	7.848	7.838	7.876	VV	188	1841	0.05%	0.017%
93	7.891	7.876	7.900	VV	83	713	0.02%	0.007%
94	7.920	7.900	7.954	VV	122	1795	0.05%	0.016%
95	7.969	7.954	7.997	VV	53	1017	0.03%	0.009%
96	8.022	7.997	8.055	PV	282	3872	0.10%	0.035%
97	8.091	8.055	8.100	VV	211	2340	0.06%	0.021%
98	8.122	8.100	8.156	VV	216	3452	0.09%	0.032%
99	8.190	8.156	8.229	PV	195	4182	0.11%	0.038%
100	8.245	8.229	8.306	VV	164	3253	0.09%	0.030%
101	8.338	8.306	8.368	PV	279	4009	0.11%	0.037%
102	8.391	8.368	8.449	VV	1300	16718	0.45%	0.153%
103	8.462	8.449	8.495	VV	104	1655	0.04%	0.015%
104	8.550	8.495	8.610	VV	506	13063	0.35%	0.120%
105	8.644	8.610	8.728	VV	2886	50186	1.34%	0.460%
106	8.746	8.728	8.772	VV	296	6500	0.17%	0.060%
107	8.801	8.772	8.822	VV	289	5326	0.14%	0.049%
108	8.838	8.822	8.865	VV	176	2957	0.08%	0.027%
109	8.880	8.865	8.918	VV	152	2807	0.08%	0.026%
110	8.926	8.918	8.936	VV	55	475	0.01%	0.004%
111	9.021	8.936	9.048	VV	181	6948	0.19%	0.064%
112	9.066	9.048	9.085	VV	148	2601	0.07%	0.024%
113	9.095	9.085	9.126	VV	138	2921	0.08%	0.027%
114	9.140	9.126	9.173	VV	143	3456	0.09%	0.032%
115	9.193	9.173	9.233	VV	290	5271	0.14%	0.048%
116	9.252	9.233	9.266	VV	105	1378	0.04%	0.013%
117	9.302	9.266	9.329	PV	107	2160	0.06%	0.020%
118	9.379	9.329	9.396	VV	745	10723	0.29%	0.098%
119	9.412	9.396	9.426	VV	301	4083	0.11%	0.037%
120	9.443	9.426	9.459	VV	270	4156	0.11%	0.038%
121	9.490	9.459	9.547	VV	727	15486	0.41%	0.142%
122	9.568	9.547	9.596	VV	210	3238	0.09%	0.030%
123	9.614	9.596	9.642	VV	173	2354	0.06%	0.022%
124	9.671	9.642	9.681	VV	120	1941	0.05%	0.018%
125	9.737	9.681	9.756	VV	299	7841	0.21%	0.072%
126	9.779	9.756	9.825	VV	361	6006	0.16%	0.055%
127	9.847	9.825	9.882	VV	386	6260	0.17%	0.057%
128	9.900	9.882	9.935	VV	213	4327	0.12%	0.040%
129	9.993	9.935	10.018	VV	274	6239	0.17%	0.057%
130	10.040	10.018	10.080	VV	874	12309	0.33%	0.113%
131	10.100	10.080	10.117	VV	121	1845	0.05%	0.017%
132	10.137	10.117	10.165	VV	140	2070	0.06%	0.019%
133	10.186	10.165	10.240	VV	460	9884	0.26%	0.091%
134	10.264	10.240	10.352	VV	1303	24677	0.66%	0.226%
135	10.366	10.352	10.410	VV	160	3065	0.08%	0.028%
136	10.434	10.410	10.470	VV	99	1429	0.04%	0.013%
137	10.508	10.470	10.530	PV	61	1617	0.04%	0.015%
138	10.547	10.530	10.561	VV	69	1021	0.03%	0.009%
139	10.578	10.561	10.610	PV	92	1625	0.04%	0.015%
140	10.657	10.610	10.682	VV	262	5431	0.15%	0.050%
141	10.686	10.682	10.718	VV	162	2456	0.07%	0.022%

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142	10.742	10.718	10.806	VV	141	3574	0.10%	0.033%
143	10.818	10.806	10.833	PV	48	679	0.02%	0.006%
144	10.896	10.833	10.919	VV	155	4654	0.12%	0.043%
145	10.945	10.919	10.971	VV	219	4512	0.12%	0.041%
146	11.011	10.971	11.048	VV	301	7158	0.19%	0.066%
147	11.085	11.048	11.102	VV	208	4293	0.11%	0.039%
148	11.135	11.102	11.163	VV	358	7453	0.20%	0.068%
149	11.198	11.163	11.215	VV	220	4454	0.12%	0.041%
150	11.222	11.215	11.246	VV	203	2355	0.06%	0.022%
151	11.268	11.246	11.311	PV	136	2678	0.07%	0.025%
152	11.329	11.311	11.359	VV	128	2519	0.07%	0.023%
153	11.437	11.359	11.502	VV	167	8125	0.22%	0.074%
154	11.517	11.502	11.552	VV	181	3154	0.08%	0.029%
155	11.573	11.552	11.615	VV	87	1861	0.05%	0.017%
156	11.648	11.615	11.690	VV	1312	22248	0.60%	0.204%
157	11.716	11.690	11.782	VV	2253	38401	1.03%	0.352%
158	11.810	11.782	11.845	VV	313	7507	0.20%	0.069%
159	11.857	11.845	11.898	VV	110	2831	0.08%	0.026%
160	11.925	11.898	11.948	VV	95	2179	0.06%	0.020%
161	11.955	11.948	11.975	VV	87	1324	0.04%	0.012%
162	12.036	11.975	12.090	VV	197	7928	0.21%	0.073%
163	12.109	12.090	12.120	VV	227	2893	0.08%	0.026%
164	12.124	12.120	12.158	VV	143	2345	0.06%	0.021%
165	12.201	12.158	12.255	VV	295	8148	0.22%	0.075%
166	12.262	12.255	12.272	PV	22	254	0.01%	0.002%
167	12.276	12.272	12.289	VV	136	688	0.02%	0.006%
168	12.310	12.289	12.319	VV	120	1640	0.04%	0.015%
169	12.387	12.319	12.418	VV	367	11366	0.30%	0.104%
170	12.428	12.418	12.501	VV	202	6434	0.17%	0.059%
171	12.519	12.501	12.532	VV	152	2302	0.06%	0.021%
172	12.545	12.532	12.571	VV	169	2800	0.07%	0.026%
173	12.608	12.571	12.640	VV	232	6317	0.17%	0.058%
174	12.651	12.640	12.738	VV	131	4121	0.11%	0.038%
175	12.771	12.738	12.792	VV	123	2359	0.06%	0.022%
176	12.843	12.792	12.875	VV	291	8433	0.23%	0.077%
177	12.890	12.875	12.921	VV	250	4221	0.11%	0.039%
178	12.973	12.921	13.008	VV	1914	27185	0.73%	0.249%
179	13.033	13.008	13.119	VV	3053	46893	1.25%	0.429%
180	13.152	13.119	13.202	VV	216	5951	0.16%	0.055%
181	13.207	13.202	13.232	VV	76	618	0.02%	0.006%
182	13.250	13.232	13.272	VV	55	739	0.02%	0.007%
183	13.287	13.272	13.298	PV	77	719	0.02%	0.007%
184	13.315	13.298	13.344	VV	85	1353	0.04%	0.012%
185	13.362	13.344	13.386	VV	61	939	0.03%	0.009%
186	13.400	13.386	13.421	VV	74	1334	0.04%	0.012%
187	13.485	13.421	13.635	VV	282644	3738475	100.00%	34.238%
188	13.648	13.635	13.835	VV	1399	83333	2.23%	0.763%
189	13.847	13.835	13.902	VV	417	14906	0.40%	0.137%
190	13.912	13.902	13.925	VV	365	4573	0.12%	0.042%
191	13.928	13.925	13.979	VV	351	8752	0.23%	0.080%
192	13.994	13.979	14.006	VV	262	3764	0.10%	0.034%
193	14.033	14.006	14.048	VV	290	5995	0.16%	0.055%
194	14.057	14.048	14.122	VV	279	10266	0.27%	0.094%

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195	14.189	14.122	14.217	VV	1429	27004	0.72%	0.247%
196	14.241	14.217	14.339	VV	2258	41255	1.10%	0.378%
197	14.356	14.339	14.438	VV	165	4525	0.12%	0.041%
198	14.462	14.438	14.471	VV	144	1954	0.05%	0.018%
199	14.479	14.471	14.502	VV	146	1833	0.05%	0.017%
200	14.504	14.502	14.553	VV	126	1971	0.05%	0.018%
201	14.566	14.553	14.645	VV	102	4047	0.11%	0.037%
202	14.688	14.645	14.775	VV	692	19096	0.51%	0.175%
203	14.812	14.775	14.871	VV	222	6677	0.18%	0.061%
204	14.888	14.871	14.915	VV	468	3274	0.09%	0.030%
205	14.929	14.915	14.978	VV	150	3842	0.10%	0.035%
206	15.012	14.978	15.042	VV	141	3414	0.09%	0.031%
207	15.089	15.042	15.125	VV	116	4135	0.11%	0.038%
208	15.132	15.125	15.187	VV	138	3151	0.08%	0.029%
209	15.207	15.187	15.239	VV	189	2542	0.07%	0.023%
210	15.311	15.239	15.331	VV	778	13060	0.35%	0.120%
211	15.354	15.331	15.418	VV	1284	26614	0.71%	0.244%
212	15.426	15.418	15.455	VV	183	2930	0.08%	0.027%
213	15.522	15.455	15.549	VV	139	4866	0.13%	0.045%
214	15.563	15.549	15.585	VV	150	1709	0.05%	0.016%
215	15.594	15.585	15.614	VV	87	1093	0.03%	0.010%
216	15.623	15.614	15.644	VV	139	1145	0.03%	0.010%
217	15.657	15.644	15.668	VV	86	883	0.02%	0.008%
218	15.678	15.668	15.696	VV	70	936	0.03%	0.009%
219	15.725	15.696	15.754	PV	109	2296	0.06%	0.021%
220	15.788	15.754	15.815	VV	114	2993	0.08%	0.027%
221	15.830	15.815	15.846	VV	94	1026	0.03%	0.009%
222	15.880	15.846	15.945	VV	214	5928	0.16%	0.054%
223	16.010	15.945	16.028	VV	85	1797	0.05%	0.016%
224	16.035	16.028	16.044	PV	57	310	0.01%	0.003%
225	16.064	16.044	16.115	VV	63	1793	0.05%	0.016%
226	16.224	16.115	16.269	VV	85	3777	0.10%	0.035%
227	16.286	16.269	16.314	PV	71	855	0.02%	0.008%
228	16.345	16.314	16.361	PV	447	6528	0.17%	0.060%
229	16.384	16.361	16.426	VV	1031	20099	0.54%	0.184%
230	16.431	16.426	16.498	VV	207	3636	0.10%	0.033%
231	16.504	16.498	16.552	VV	79	1651	0.04%	0.015%
232	16.559	16.552	16.572	VV	84	691	0.02%	0.006%
233	16.611	16.572	16.647	VV	51	1423	0.04%	0.013%
234	16.697	16.647	16.725	PV	172	3894	0.10%	0.036%
235	16.735	16.725	16.753	VV	149	763	0.02%	0.007%
236	16.759	16.753	16.768	VV	38	176	0.00%	0.002%
237	16.775	16.768	16.798	VV	58	711	0.02%	0.007%
238	16.826	16.798	16.836	VV	65	593	0.02%	0.005%
239	16.872	16.836	16.899	PV	488	8625	0.23%	0.079%
240	16.910	16.899	16.923	VV	152	1890	0.05%	0.017%
241	16.928	16.923	16.937	VV	82	693	0.02%	0.006%
242	16.999	16.937	17.009	VV	85	2568	0.07%	0.024%
243	17.122	17.009	17.131	VV	83	4135	0.11%	0.038%
244	17.194	17.131	17.212	VV	81	2953	0.08%	0.027%
245	17.226	17.212	17.248	VV	129	1369	0.04%	0.013%
246	17.265	17.248	17.278	VV	80	788	0.02%	0.007%

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247	17.309	17.278	17.318	PV	343	5044	0.13%	0.046%
248	17.340	17.318	17.407	VV	842	18724	0.50%	0.171%
249	17.449	17.407	17.457	VV	91	2267	0.06%	0.021%
250	17.472	17.457	17.481	VV	91	719	0.02%	0.007%
251	17.505	17.481	17.522	VV	95	983	0.03%	0.009%
252	17.530	17.522	17.542	PV	71	627	0.02%	0.006%
253	17.689	17.542	17.702	VV	52	2787	0.07%	0.026%
254	17.796	17.702	17.848	PV	683	13757	0.37%	0.126%
255	17.855	17.848	17.861	VV	76	494	0.01%	0.005%
256	17.964	17.861	17.973	VV	62	3432	0.09%	0.031%
257	18.032	17.973	18.042	VV	68	1677	0.04%	0.015%
258	18.235	18.042	18.275	PV	1157	23934	0.64%	0.219%
259	18.285	18.275	18.293	VV	106	886	0.02%	0.008%
260	18.308	18.293	18.335	VV	113	1063	0.03%	0.010%
261	18.397	18.335	18.411	PV	122	2185	0.06%	0.020%
262	18.509	18.411	18.518	PV	105	1026	0.03%	0.009%
263	18.526	18.518	18.533	VV	96	561	0.02%	0.005%
264	18.577	18.533	18.584	PV	102	1645	0.04%	0.015%
265	18.660	18.584	18.714	VV	1056	21909	0.59%	0.201%
266	18.943	18.714	18.950	VV	109	10047	0.27%	0.092%
267	19.072	18.950	19.148	PV	1343	30777	0.82%	0.282%
268	19.472	19.148	19.521	PV	1304	65156	1.74%	0.597%
269	19.862	19.521	19.894	VV	2227	206099	5.51%	1.888%
270	20.163	19.894	20.170	VV	2476	312198	8.35%	2.859%
271	20.239	20.170	20.275	VV	3384	175704	4.70%	1.609%
272	20.515	20.275	20.530	VV	4135	529735	14.17%	4.851%
273	20.606	20.530	20.632	VV	5166	275907	7.38%	2.527%
274	20.834	20.632	20.878	VV	5551	790597	21.15%	7.241%
275	20.884	20.878	20.902	VV	5431	75374	2.02%	0.690%
276	20.976	20.902	21.012	VV	5817	360514	9.64%	3.302%
277	21.179	21.012	21.215	VV	5265	638903	17.09%	5.851%
278	21.226	21.215	21.248	VV	4958	98187	2.63%	0.899%
279	21.256	21.248	21.267	VV	4877	55137	1.47%	0.505%
280	21.380	21.267	21.443	VV	4996	499941	13.37%	4.579%
281	21.463	21.443	21.508	VV	4418	168448	4.51%	1.543%
282	21.575	21.508	21.590	VV	4011	199172	5.33%	1.824%
283	21.603	21.590	21.628	VV	3862	87193	2.33%	0.799%
284	21.667	21.628	21.685	VV	3689	124301	3.32%	1.138%
285	21.742	21.685	21.755	VV	3715	149855	4.01%	1.372%
286	21.789	21.755	21.807	VV	3536	109287	2.92%	1.001%
287	21.854	21.807	21.888	VV	3715	173070	4.63%	1.585%
288	21.898	21.888	21.999	VV	3494	203647	5.45%	1.865%
289	22.044	21.999	22.055	VV	2533	83628	2.24%	0.766%
290	22.065	22.055	22.218	VV	2424	178789	4.78%	1.637%
291	22.245	22.218	22.255	VV	1207	25926	0.69%	0.237%
292	22.265	22.255	22.312	VV	1091	32892	0.88%	0.301%
293	22.345	22.312	22.412	VV	793	38254	1.02%	0.350%
294	22.443	22.412	22.457	VV	294	7318	0.20%	0.067%
295	22.469	22.457	22.483	VV	146	1519	0.04%	0.014%

Sum of corrected areas: 10919043

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016662.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:54
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-3

Integration File: autoint1.e
Quant Time: Nov 14 05:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.014	6230480	54.981 ug/ml
Spiked Amount 50.000		Recovery = 109.96%	
6) S 2-Flurobiphenyl (SURR)	8.890	4194542	58.812 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 117.62%	
11) S ortho-Terphenyl (SURR)	11.957	6026903	41.041 ug/ml
Spiked Amount 50.000		Recovery = 82.08%	
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

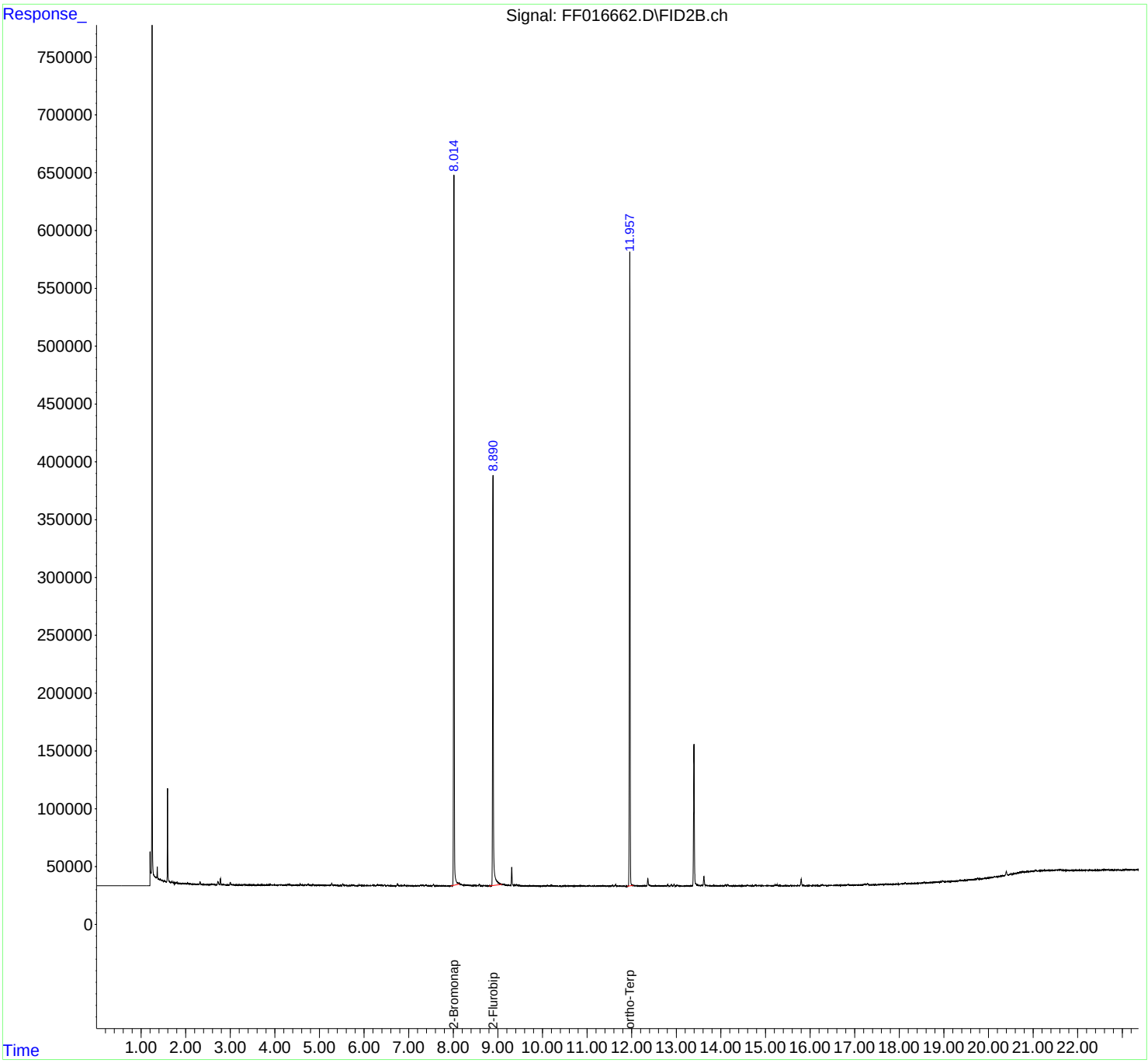
Sample Results: **FF016662.D**

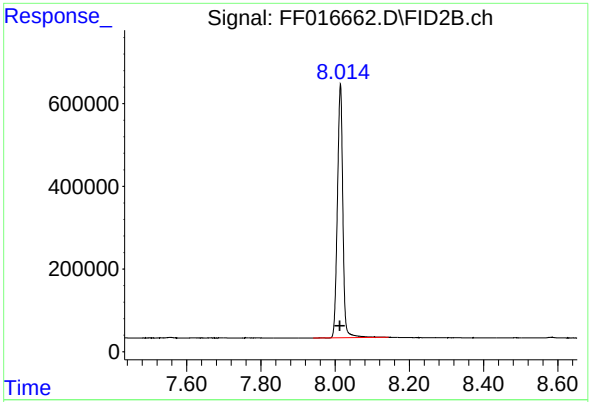
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016662.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:54
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SW-3

Integration File: autoint1.e
Quant Time: Nov 14 05:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

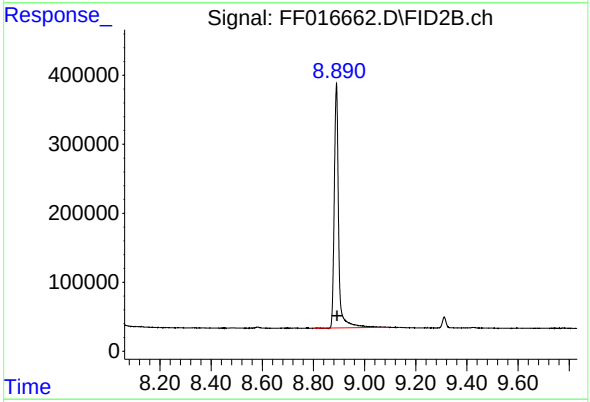




#4 2-Bromonaphthalene (SURR)

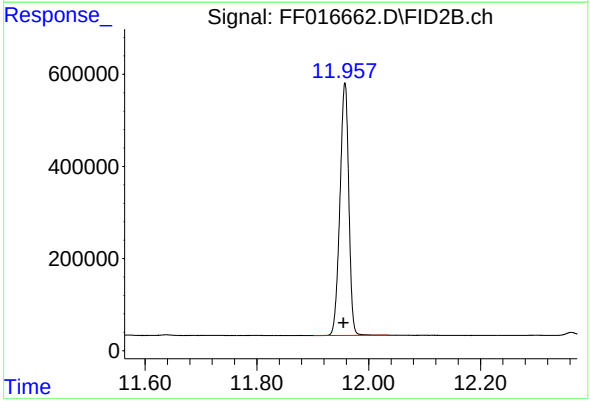
R.T.: 8.014 min
Delta R.T.: 0.001 min
Response: 6230480
Conc: 54.98 ug/ml

Instrument :
FID_F
ClientSampleId :
SW-3



#6 2-Flurobiphenyl (SURR)

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 4194542
Conc: 58.81 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: 0.003 min
Response: 6026903
Conc: 41.04 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016662.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 17:54
Sample : Q3584-03
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.482	4.456	4.517	VV	334	4108	0.06%	0.020%
2	4.523	4.517	4.544	VV	96	1133	0.02%	0.005%
3	4.570	4.544	4.593	PV	1000	12216	0.19%	0.058%
4	4.608	4.593	4.636	VV	429	5500	0.09%	0.026%
5	4.647	4.636	4.653	VV	163	1507	0.02%	0.007%
6	4.682	4.660	4.720	VV	582	11633	0.18%	0.055%
7	4.738	4.720	4.749	VV	986	11475	0.18%	0.055%
8	4.758	4.749	4.781	VV	761	8954	0.14%	0.043%
9	4.785	4.781	4.802	VV	250	2631	0.04%	0.013%
10	4.823	4.808	4.837	VV	560	5868	0.09%	0.028%
11	4.856	4.837	4.879	VV	959	11103	0.17%	0.053%
12	4.888	4.879	4.909	VV	220	3376	0.05%	0.016%
13	4.913	4.909	4.926	VV	237	1871	0.03%	0.009%
14	4.941	4.926	4.955	VV	257	3588	0.06%	0.017%
15	4.961	4.955	4.976	VV	267	2304	0.04%	0.011%
16	4.987	4.976	5.011	VV	361	4715	0.07%	0.022%
17	5.026	5.016	5.057	VV	268	5136	0.08%	0.024%
18	5.067	5.057	5.084	VV	361	4242	0.07%	0.020%
19	5.092	5.084	5.117	VV	234	3073	0.05%	0.015%
20	5.122	5.117	5.131	VV	162	1028	0.02%	0.005%
21	5.139	5.131	5.153	VV	173	1511	0.02%	0.007%
22	5.158	5.153	5.171	VV	172	1211	0.02%	0.006%
23	5.187	5.171	5.198	VV	267	2964	0.05%	0.014%
24	5.205	5.198	5.217	VV	214	1466	0.02%	0.007%
25	5.221	5.217	5.232	VV	158	1171	0.02%	0.006%
26	5.249	5.232	5.259	VV	454	5028	0.08%	0.024%
27	5.275	5.259	5.306	VV	2063	26915	0.42%	0.128%
28	5.337	5.306	5.379	VV	514	12094	0.19%	0.058%
29	5.390	5.379	5.411	VV	272	3141	0.05%	0.015%
30	5.414	5.411	5.449	VV	105	1324	0.02%	0.006%
31	5.480	5.469	5.496	VV	169	1214	0.02%	0.006%
32	5.519	5.496	5.567	VV	1248	20584	0.32%	0.098%
33	5.575	5.567	5.580	VV	314	1985	0.03%	0.009%
34	5.583	5.580	5.664	VV	276	6179	0.10%	0.029%
35	5.678	5.664	5.692	VV	192	2294	0.04%	0.011%
36	5.712	5.692	5.730	VV	518	6862	0.11%	0.033%

rteres

37	5.758	5.730	5.786	VV	634	11227	0.18%	0.054%
38	5.815	5.801	5.847	VV	200	3167	0.05%	0.015%
39	5.868	5.847	5.873	VV	155	1500	0.02%	0.007%
40	5.885	5.873	5.892	VV	178	1447	0.02%	0.007%
41	5.896	5.892	5.937	VV	301	4626	0.07%	0.022%
42	5.943	5.937	5.962	VV	146	1574	0.02%	0.008%
43	5.978	5.962	5.991	VV	223	2460	0.04%	0.012%
44	6.004	5.991	6.013	VV	219	1921	0.03%	0.009%
45	6.026	6.013	6.049	VV	271	3714	0.06%	0.018%
46	6.062	6.049	6.071	VV	320	2426	0.04%	0.012%
47	6.088	6.071	6.098	VV	350	3663	0.06%	0.017%
48	6.103	6.098	6.128	VV	161	1380	0.02%	0.007%
49	6.150	6.136	6.166	VV	200	1558	0.02%	0.007%
50	6.200	6.174	6.231	PV	758	11775	0.18%	0.056%
51	6.235	6.231	6.240	VV	244	1238	0.02%	0.006%
52	6.246	6.240	6.269	VV	312	3519	0.06%	0.017%
53	6.292	6.269	6.334	VV	919	21495	0.34%	0.102%
54	6.349	6.334	6.377	VV	683	9837	0.15%	0.047%
55	6.393	6.377	6.433	VV	1074	15360	0.24%	0.073%
56	6.458	6.433	6.488	VV	1129	15682	0.25%	0.075%
57	6.526	6.488	6.551	VV	267	7350	0.12%	0.035%
58	6.559	6.556	6.575	VV	227	2162	0.03%	0.010%
59	6.580	6.575	6.590	VV	210	1683	0.03%	0.008%
60	6.596	6.590	6.679	VV	238	7747	0.12%	0.037%
61	6.681	6.679	6.707	VV	134	1271	0.02%	0.006%
62	6.749	6.722	6.786	VV	2003	24729	0.39%	0.118%
63	6.788	6.786	6.797	VV	188	1050	0.02%	0.005%
64	6.802	6.797	6.818	VV	144	1537	0.02%	0.007%
65	6.834	6.818	6.855	VV	407	4863	0.08%	0.023%
66	6.871	6.855	6.887	VV	359	4184	0.07%	0.020%
67	6.903	6.887	6.923	VV	792	9532	0.15%	0.045%
68	6.934	6.923	6.961	VV	265	3939	0.06%	0.019%
69	6.977	6.961	7.008	VV	519	6219	0.10%	0.030%
70	7.032	7.008	7.063	PV	301	4772	0.07%	0.023%
71	7.089	7.074	7.131	VV	245	3599	0.06%	0.017%
72	7.149	7.131	7.179	VV	219	3544	0.06%	0.017%
73	7.206	7.179	7.239	VV	438	6681	0.10%	0.032%
74	7.262	7.239	7.274	VV	617	7924	0.12%	0.038%
75	7.283	7.274	7.299	VV	483	5865	0.09%	0.028%
76	7.325	7.299	7.356	VV	664	12518	0.20%	0.060%
77	7.389	7.356	7.413	VV	814	16306	0.26%	0.078%
78	7.427	7.413	7.452	VV	563	6654	0.10%	0.032%
79	7.457	7.452	7.476	VV	124	1142	0.02%	0.005%
80	7.499	7.476	7.515	VV	229	3735	0.06%	0.018%
81	7.556	7.515	7.579	VV	1481	20053	0.31%	0.096%
82	7.613	7.600	7.634	VV	337	4333	0.07%	0.021%
83	7.640	7.634	7.650	VV	260	1846	0.03%	0.009%
84	7.662	7.650	7.679	VV	282	3776	0.06%	0.018%
85	7.699	7.679	7.718	VV	450	6240	0.10%	0.030%
86	7.736	7.718	7.746	VV	186	2016	0.03%	0.010%
87	7.761	7.746	7.779	VV	303	4615	0.07%	0.022%
88	7.790	7.785	7.792	VV	298	1186	0.02%	0.006%
89	7.796	7.792	7.814	VV	328	2078	0.03%	0.010%

rteres

90	7.827	7.814	7.839	VV	175	1328	0.02%	0.006%
91	7.850	7.839	7.873	VV	150	1656	0.03%	0.008%
92	7.934	7.885	7.942	PV	205	3114	0.05%	0.015%
93	7.965	7.942	7.982	VV	504	5796	0.09%	0.028%
94	8.014	7.982	8.178	VV	613654	6373142	100.00%	30.370%
95	8.182	8.178	8.221	VV	1351	30298	0.48%	0.144%
96	8.229	8.221	8.259	VV	1070	21283	0.33%	0.101%
97	8.271	8.259	8.313	VV	1030	26572	0.42%	0.127%
98	8.330	8.313	8.362	VV	892	20817	0.33%	0.099%
99	8.372	8.362	8.392	VV	637	10118	0.16%	0.048%
100	8.397	8.392	8.432	VV	586	11261	0.18%	0.054%
101	8.436	8.432	8.446	VV	409	3247	0.05%	0.015%
102	8.484	8.446	8.506	VV	718	18442	0.29%	0.088%
103	8.512	8.506	8.546	VV	491	9695	0.15%	0.046%
104	8.550	8.546	8.560	VV	393	3072	0.05%	0.015%
105	8.582	8.560	8.636	VV	1859	32672	0.51%	0.156%
106	8.642	8.636	8.661	VV	319	4069	0.06%	0.019%
107	8.680	8.661	8.688	VV	472	5794	0.09%	0.028%
108	8.699	8.688	8.712	VV	427	5461	0.09%	0.026%
109	8.727	8.712	8.760	VV	410	8909	0.14%	0.042%
110	8.779	8.760	8.798	VV	391	6484	0.10%	0.031%
111	8.818	8.798	8.838	VV	470	6983	0.11%	0.033%
112	8.848	8.838	8.854	VV	193	1712	0.03%	0.008%
113	8.890	8.854	9.109	VV	355970	4355676	68.34%	20.756%
114	9.115	9.109	9.117	VV	1543	7509	0.12%	0.036%
115	9.122	9.117	9.174	VV	1553	43958	0.69%	0.209%
116	9.184	9.174	9.217	VV	1012	22418	0.35%	0.107%
117	9.234	9.217	9.239	VV	867	10160	0.16%	0.048%
118	9.243	9.239	9.275	VV	842	15447	0.24%	0.074%
119	9.281	9.275	9.285	VV	710	4033	0.06%	0.019%
120	9.311	9.285	9.336	VV	16513	176678	2.77%	0.842%
121	9.342	9.336	9.356	VV	993	11135	0.17%	0.053%
122	9.362	9.356	9.379	VV	859	10512	0.16%	0.050%
123	9.389	9.379	9.407	VV	934	13935	0.22%	0.066%
124	9.425	9.407	9.485	VV	1468	37028	0.58%	0.176%
125	9.494	9.485	9.521	VV	526	8986	0.14%	0.043%
126	9.547	9.521	9.579	VV	407	9770	0.15%	0.047%
127	9.595	9.579	9.606	VV	423	5415	0.08%	0.026%
128	9.611	9.606	9.625	VV	328	3275	0.05%	0.016%
129	9.634	9.625	9.649	VV	326	3989	0.06%	0.019%
130	9.654	9.649	9.672	VV	284	3021	0.05%	0.014%
131	9.677	9.672	9.684	VV	183	1284	0.02%	0.006%
132	9.701	9.684	9.734	VV	379	8164	0.13%	0.039%
133	9.738	9.734	9.755	VV	227	2343	0.04%	0.011%
134	9.777	9.755	9.822	VV	518	11419	0.18%	0.054%
135	9.858	9.832	9.868	VV	233	3956	0.06%	0.019%
136	9.871	9.868	9.899	VV	179	2734	0.04%	0.013%
137	9.916	9.899	9.950	VV	289	4971	0.08%	0.024%
138	9.976	9.950	9.994	VV	293	4321	0.07%	0.021%
139	10.001	9.994	10.009	VV	190	1398	0.02%	0.007%
140	10.026	10.009	10.059	VV	759	10314	0.16%	0.049%
141	10.073	10.059	10.091	VV	270	3914	0.06%	0.019%

rteres

142	10.110	10.091	10.169	VV	620	16004	0.25%	0.076%
143	10.192	10.169	10.241	VV	1001	19013	0.30%	0.091%
144	10.260	10.241	10.276	VV	295	4452	0.07%	0.021%
145	10.291	10.276	10.307	VV	302	3940	0.06%	0.019%
146	10.314	10.307	10.334	VV	189	2393	0.04%	0.011%
147	10.357	10.334	10.383	VV	208	4315	0.07%	0.021%
148	10.399	10.395	10.416	VV	141	1009	0.02%	0.005%
149	10.469	10.433	10.476	PV	171	2197	0.03%	0.010%
150	10.514	10.483	10.544	VV	331	6823	0.11%	0.033%
151	10.550	10.544	10.562	VV	177	1668	0.03%	0.008%
152	10.588	10.562	10.603	VV	340	6061	0.10%	0.029%
153	10.621	10.603	10.652	VV	350	6834	0.11%	0.033%
154	10.665	10.652	10.701	VV	255	5367	0.08%	0.026%
155	10.714	10.701	10.734	VV	327	4161	0.07%	0.020%
156	10.753	10.734	10.771	VV	251	3641	0.06%	0.017%
157	10.791	10.771	10.806	VV	300	4592	0.07%	0.022%
158	10.820	10.806	10.847	VV	292	6098	0.10%	0.029%
159	10.865	10.847	10.906	VV	333	9938	0.16%	0.047%
160	10.910	10.906	10.920	VV	387	2923	0.05%	0.014%
161	10.930	10.920	10.976	VV	454	9722	0.15%	0.046%
162	10.987	10.976	11.004	VV	316	4069	0.06%	0.019%
163	11.015	11.004	11.019	VV	257	1907	0.03%	0.009%
164	11.060	11.019	11.093	VV	744	17693	0.28%	0.084%
165	11.130	11.093	11.142	VV	250	5612	0.09%	0.027%
166	11.152	11.142	11.171	VV	269	3897	0.06%	0.019%
167	11.180	11.176	11.203	VV	285	3292	0.05%	0.016%
168	11.211	11.203	11.216	VV	257	1509	0.02%	0.007%
169	11.222	11.216	11.239	VV	252	2843	0.04%	0.014%
170	11.264	11.239	11.272	VV	310	4598	0.07%	0.022%
171	11.277	11.272	11.294	VV	251	3004	0.05%	0.014%
172	11.303	11.294	11.313	VV	330	3228	0.05%	0.015%
173	11.330	11.313	11.345	VV	378	5509	0.09%	0.026%
174	11.357	11.345	11.375	VV	444	5574	0.09%	0.027%
175	11.387	11.375	11.409	VV	246	3982	0.06%	0.019%
176	11.431	11.409	11.437	VV	268	3135	0.05%	0.015%
177	11.444	11.437	11.469	VV	233	3421	0.05%	0.016%
178	11.479	11.469	11.496	VV	172	2023	0.03%	0.010%
179	11.500	11.496	11.512	VV	146	1286	0.02%	0.006%
180	11.522	11.512	11.536	VV	166	1747	0.03%	0.008%
181	11.568	11.536	11.599	VV	1179	17967	0.28%	0.086%
182	11.637	11.599	11.677	VV	1657	24954	0.39%	0.119%
183	11.690	11.677	11.695	VV	216	1796	0.03%	0.009%
184	11.715	11.695	11.725	VV	328	4254	0.07%	0.020%
185	11.727	11.725	11.734	VV	276	1288	0.02%	0.006%
186	11.737	11.734	11.751	VV	203	1561	0.02%	0.007%
187	11.798	11.774	11.819	VV	308	4245	0.07%	0.020%
188	11.826	11.819	11.851	VV	122	1513	0.02%	0.007%
189	11.879	11.871	11.906	VV	127	1483	0.02%	0.007%
190	11.958	11.906	12.085	VV	549280	6078180	95.37%	28.964%
191	12.104	12.085	12.136	VV	529	13984	0.22%	0.067%
192	12.140	12.136	12.184	VV	311	6555	0.10%	0.031%
193	12.198	12.184	12.226	VV	269	5007	0.08%	0.024%
194	12.240	12.226	12.247	VV	280	3212	0.05%	0.015%

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195	12.259	12.247	12.266	VV	329	3025	0.05%	0.014%
196	12.302	12.266	12.332	VV	579	14827	0.23%	0.071%
197	12.362	12.332	12.389	VV	6806	93461	1.47%	0.445%
198	12.401	12.389	12.486	VV	1161	26422	0.41%	0.126%
199	12.494	12.486	12.499	VV	216	1530	0.02%	0.007%
200	12.530	12.499	12.567	VV	487	12773	0.20%	0.061%
201	12.590	12.567	12.604	VV	348	6137	0.10%	0.029%
202	12.609	12.604	12.621	VV	285	2567	0.04%	0.012%
203	12.624	12.621	12.631	VV	272	1365	0.02%	0.007%
204	12.641	12.631	12.647	VV	269	2302	0.04%	0.011%
205	12.665	12.647	12.695	VV	348	6592	0.10%	0.031%
206	12.731	12.695	12.749	VV	315	7249	0.11%	0.035%
207	12.763	12.749	12.768	VV	249	2463	0.04%	0.012%
208	12.811	12.768	12.835	VV	1231	20563	0.32%	0.098%
209	12.888	12.853	12.923	VV	1506	25521	0.40%	0.122%
210	12.950	12.923	12.973	VV	1847	24938	0.39%	0.119%
211	12.977	12.973	12.982	VV	288	1308	0.02%	0.006%
212	13.018	12.982	13.053	VV	854	19313	0.30%	0.092%
213	13.071	13.053	13.114	VV	307	6063	0.10%	0.029%
214	13.122	13.114	13.135	VV	174	1203	0.02%	0.006%
215	13.140	13.135	13.170	VV	136	1420	0.02%	0.007%
216	13.228	13.184	13.244	VV	312	6526	0.10%	0.031%
217	13.250	13.244	13.259	VV	194	1557	0.02%	0.007%
218	13.263	13.259	13.274	VV	230	1669	0.03%	0.008%
219	13.277	13.274	13.294	VV	153	1194	0.02%	0.006%
220	13.351	13.294	13.356	VV	303	6399	0.10%	0.030%
221	13.397	13.356	13.547	VV	122621	1600420	25.11%	7.627%
222	13.560	13.547	13.592	VV	676	13342	0.21%	0.064%
223	13.620	13.592	13.673	VV	8459	130283	2.04%	0.621%
224	13.679	13.673	13.691	VV	480	4616	0.07%	0.022%
225	13.695	13.691	13.725	VV	408	6594	0.10%	0.031%
226	13.730	13.725	13.733	VV	324	1422	0.02%	0.007%
227	13.737	13.733	13.787	VV	361	9968	0.16%	0.048%
228	13.799	13.787	13.808	VV	291	3179	0.05%	0.015%
229	13.845	13.808	13.888	VV	442	15164	0.24%	0.072%
230	13.969	13.888	13.996	VV	260	13192	0.21%	0.063%
231	14.019	13.996	14.042	VV	371	6844	0.11%	0.033%
232	14.101	14.042	14.131	VV	1139	23313	0.37%	0.111%
233	14.152	14.131	14.256	VV	1371	27121	0.43%	0.129%
234	14.275	14.256	14.292	VV	139	2341	0.04%	0.011%
235	14.297	14.292	14.317	VV	145	1115	0.02%	0.005%
236	14.334	14.317	14.351	VV	147	1470	0.02%	0.007%
237	14.390	14.351	14.437	VV	200	6005	0.09%	0.029%
238	14.447	14.437	14.474	VV	184	2379	0.04%	0.011%
239	14.497	14.474	14.519	VV	134	2740	0.04%	0.013%
240	14.546	14.519	14.567	VV	228	3628	0.06%	0.017%
241	14.594	14.567	14.660	VV	815	19467	0.31%	0.093%
242	14.679	14.660	14.697	VV	228	3736	0.06%	0.018%
243	14.716	14.697	14.746	VV	308	5751	0.09%	0.027%
244	14.779	14.746	14.806	VV	613	13087	0.21%	0.062%
245	14.811	14.806	14.839	VV	345	6290	0.10%	0.030%
246	14.874	14.839	14.909	VV	414	13568	0.21%	0.065%

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247	14.924	14.909	14.956	VV	267	5368	0.08%	0.026%
248	14.969	14.956	14.997	VV	181	3552	0.06%	0.017%
249	15.033	14.997	15.042	VV	224	4556	0.07%	0.022%
250	15.059	15.042	15.087	VV	218	5166	0.08%	0.025%
251	15.099	15.087	15.133	VV	226	3292	0.05%	0.016%
252	15.159	15.145	15.177	VV	78	1101	0.02%	0.005%
253	15.215	15.177	15.237	VV	817	14027	0.22%	0.067%
254	15.258	15.237	15.301	VV	1050	20092	0.32%	0.096%
255	15.310	15.301	15.318	VV	232	1808	0.03%	0.009%
256	15.328	15.318	15.365	VV	255	3821	0.06%	0.018%
257	15.371	15.365	15.397	VV	92	1645	0.03%	0.008%
258	15.433	15.397	15.483	PV	345	8394	0.13%	0.040%
259	15.500	15.483	15.527	VV	155	2400	0.04%	0.011%
260	15.564	15.527	15.606	VV	303	6759	0.11%	0.032%
261	15.610	15.606	15.626	VV	195	1107	0.02%	0.005%
262	15.645	15.626	15.661	VV	155	2202	0.03%	0.010%
263	15.682	15.661	15.716	VV	195	4578	0.07%	0.022%
264	15.728	15.716	15.764	VV	223	3949	0.06%	0.019%
265	15.800	15.764	15.832	VV	5893	80413	1.26%	0.383%
266	15.843	15.832	15.892	VV	580	10536	0.17%	0.050%
267	15.900	15.892	15.927	VV	112	2357	0.04%	0.011%
268	15.937	15.927	15.971	VV	199	2085	0.03%	0.010%
269	15.987	15.971	16.054	VV	193	4201	0.07%	0.020%
270	16.084	16.071	16.099	VV	177	2175	0.03%	0.010%
271	16.104	16.099	16.128	VV	176	1844	0.03%	0.009%
272	16.149	16.128	16.172	VV	155	2582	0.04%	0.012%
273	16.180	16.172	16.207	VV	99	1378	0.02%	0.007%
274	16.245	16.222	16.265	VV	469	7642	0.12%	0.036%
275	16.286	16.265	16.326	VV	741	13503	0.21%	0.064%
276	16.344	16.326	16.401	VV	224	5596	0.09%	0.027%
277	16.429	16.401	16.450	PV	168	3489	0.05%	0.017%
278	16.467	16.450	16.528	VV	190	5080	0.08%	0.024%
279	16.563	16.547	16.582	VV	127	1835	0.03%	0.009%
280	16.613	16.582	16.641	VV	142	3107	0.05%	0.015%
281	16.669	16.641	16.716	VV	164	3614	0.06%	0.017%
282	16.771	16.734	16.806	PV	293	5794	0.09%	0.028%
283	16.851	16.806	16.896	VV	911	18164	0.29%	0.087%
284	16.933	16.896	16.979	VV	262	8203	0.13%	0.039%
285	16.996	16.979	17.017	VV	186	3383	0.05%	0.016%
286	17.032	17.017	17.050	VV	201	2470	0.04%	0.012%
287	17.056	17.050	17.071	VV	171	1310	0.02%	0.006%
288	17.130	17.071	17.152	VV	273	6558	0.10%	0.031%
289	17.159	17.152	17.177	VV	168	2311	0.04%	0.011%
290	17.237	17.177	17.262	VV	764	23254	0.36%	0.111%
291	17.288	17.262	17.369	VV	1445	27800	0.44%	0.132%
292	17.430	17.369	17.457	PV	166	3842	0.06%	0.018%
293	17.573	17.480	17.619	PV	328	8341	0.13%	0.040%
294	17.691	17.619	17.739	VV	520	9663	0.15%	0.046%
295	17.796	17.739	17.821	VV	220	4327	0.07%	0.021%
296	17.834	17.821	17.851	VV	122	1154	0.02%	0.005%
297	17.866	17.851	17.909	PV	160	3608	0.06%	0.017%
298	17.926	17.909	17.942	VV	174	2477	0.04%	0.012%
299	17.953	17.942	17.976	VV	195	1762	0.03%	0.008%

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300	17.999	17.989	18.023	VV	109	1042	0.02%	0.005%
301	18.129	18.023	18.162	PV	983	22169	0.35%	0.106%
302	18.218	18.162	18.257	VV	296	8483	0.13%	0.040%
303	18.275	18.257	18.287	VV	161	2214	0.03%	0.011%
304	18.311	18.287	18.331	VV	125	2528	0.04%	0.012%
305	18.410	18.331	18.434	PV	234	5498	0.09%	0.026%
306	18.454	18.434	18.470	VV	138	2558	0.04%	0.012%
307	18.556	18.470	18.608	PV	735	19080	0.30%	0.091%
308	18.666	18.608	18.678	VV	188	5449	0.09%	0.026%
309	18.717	18.678	18.726	VV	92	2166	0.03%	0.010%
310	18.783	18.726	18.791	PV	189	3500	0.05%	0.017%
311	18.826	18.791	18.851	VBA	125	3899	0.06%	0.019%

Sum of corrected areas: 20984968

Aromatic EPH 102925.M Fri Nov 14 05:41:27 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-3

Integration File: autoint1.E
Quant Time: Nov 14 04:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.485	4605298	38.239 ug/ml
Spiked Amount 50.000		Recovery = 76.48%	
Target Compounds			

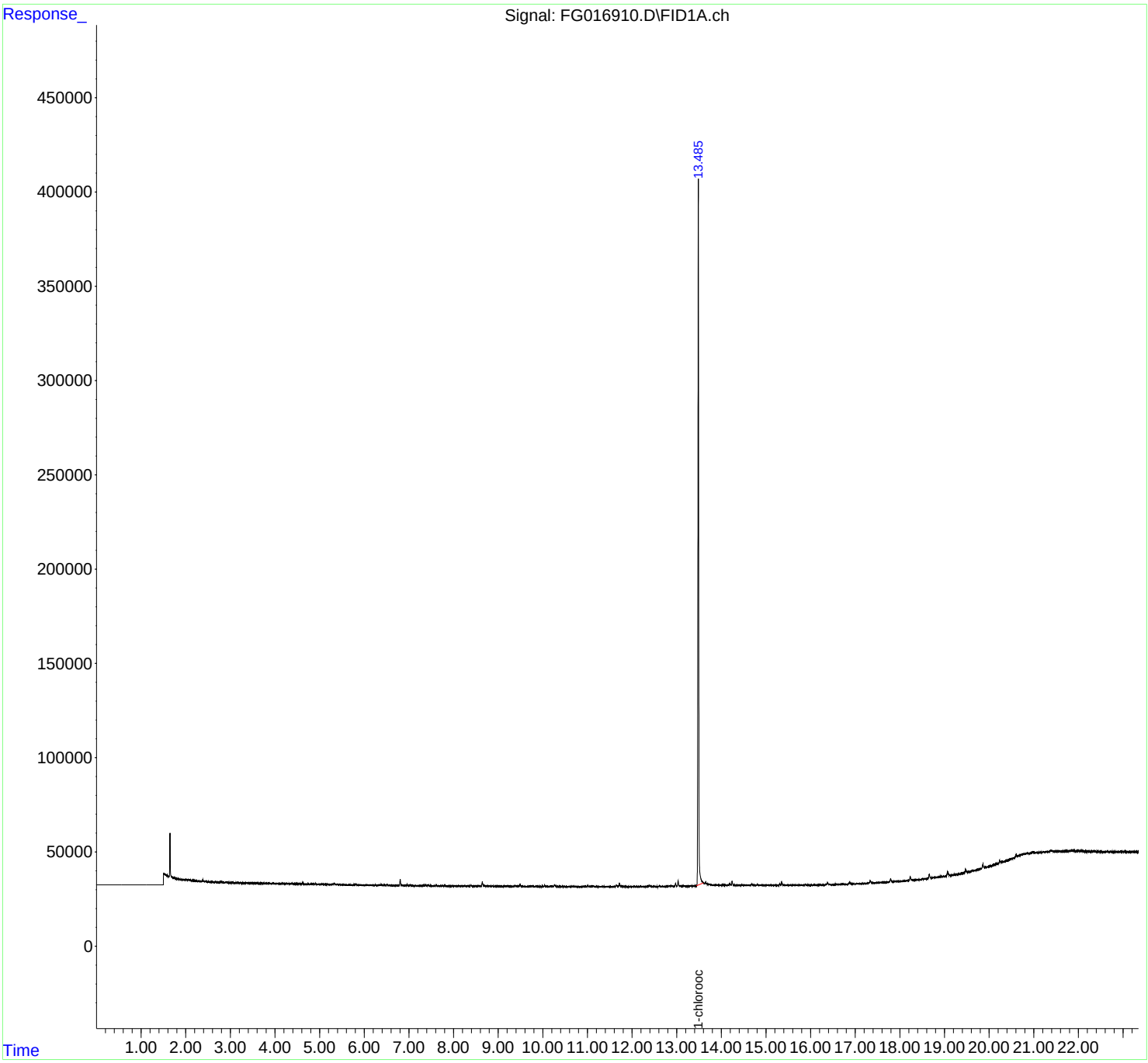
(f)=RT Delta > 1/2 Window (m)=manual int.

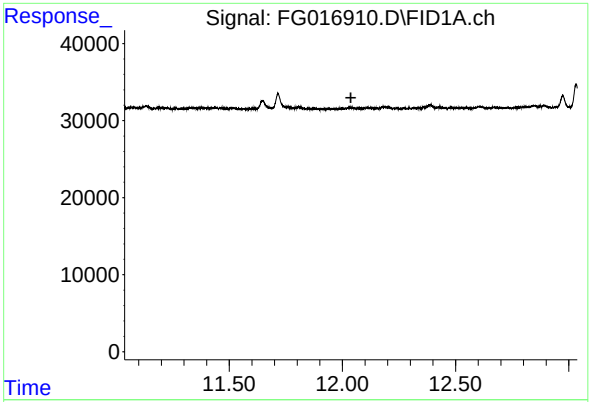
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Operator : YP\AJ
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SW-3

Integration File: autoint1.E
Quant Time: Nov 14 04:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

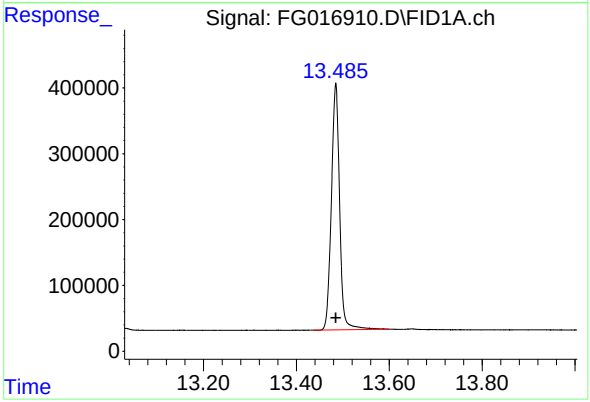




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SW-3



#12 1-chlorooctadecane (SURR)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 4605298
Conc: 38.24 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016910.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 13:37
Sample : Q3584-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.249	3.222	3.274	BV	62	290	0.01%	0.002%
2	3.282	3.274	3.328	PV	85	860	0.02%	0.007%
3	3.365	3.328	3.420	PV	158	4030	0.09%	0.034%
4	3.428	3.420	3.449	VV	80	579	0.01%	0.005%
5	3.458	3.449	3.466	VV	58	348	0.01%	0.003%
6	3.479	3.466	3.489	VV	91	837	0.02%	0.007%
7	3.495	3.489	3.522	VV	75	1138	0.02%	0.009%
8	3.554	3.522	3.643	VV	107	3987	0.08%	0.033%
9	3.684	3.643	3.737	VV	161	3922	0.08%	0.033%
10	3.749	3.737	3.768	VV	100	1357	0.03%	0.011%
11	3.774	3.768	3.787	VV	62	749	0.02%	0.006%
12	3.804	3.787	3.845	VV	108	2326	0.05%	0.019%
13	3.853	3.845	3.931	VV	107	3636	0.08%	0.030%
14	3.955	3.931	3.965	VV	157	2055	0.04%	0.017%
15	3.971	3.965	4.028	VV	151	3104	0.07%	0.026%
16	4.052	4.028	4.067	VV	166	2231	0.05%	0.019%
17	4.084	4.067	4.115	VV	154	2245	0.05%	0.019%
18	4.126	4.115	4.143	PV	81	733	0.02%	0.006%
19	4.160	4.143	4.178	VV	243	2816	0.06%	0.023%
20	4.194	4.178	4.236	VV	293	4823	0.10%	0.040%
21	4.275	4.236	4.331	VV	188	5734	0.12%	0.048%
22	4.358	4.331	4.458	VV	251	10382	0.22%	0.086%
23	4.481	4.458	4.515	VV	156	3839	0.08%	0.032%
24	4.534	4.515	4.572	VV	413	6358	0.13%	0.053%
25	4.624	4.572	4.649	VV	853	12397	0.26%	0.103%
26	4.659	4.649	4.688	VV	174	3279	0.07%	0.027%
27	4.701	4.688	4.712	VV	131	1468	0.03%	0.012%
28	4.735	4.712	4.765	VV	343	6027	0.13%	0.050%
29	4.810	4.765	4.855	VV	332	9604	0.20%	0.080%
30	4.875	4.855	4.895	VV	273	4346	0.09%	0.036%
31	4.909	4.895	4.961	VV	498	8544	0.18%	0.071%
32	4.973	4.961	5.024	VV	198	5632	0.12%	0.047%
33	5.043	5.024	5.075	VV	244	5471	0.12%	0.046%
34	5.082	5.075	5.156	VV	188	5995	0.13%	0.050%
35	5.203	5.156	5.220	VV	106	2587	0.05%	0.022%
36	5.236	5.220	5.276	VV	130	3209	0.07%	0.027%

rteres

37	5.329	5.276	5.362	VV	1011	15683	0.33%	0.130%
38	5.388	5.362	5.420	VV	299	6094	0.13%	0.051%
39	5.446	5.420	5.482	VV	184	3308	0.07%	0.028%
40	5.532	5.482	5.559	PV	159	3158	0.07%	0.026%
41	5.574	5.559	5.632	VV	104	2719	0.06%	0.023%
42	5.643	5.632	5.654	VV	78	983	0.02%	0.008%
43	5.662	5.654	5.704	VV	178	1600	0.03%	0.013%
44	5.725	5.704	5.748	VV	99	1553	0.03%	0.013%
45	5.768	5.748	5.791	VV	305	3835	0.08%	0.032%
46	5.811	5.791	5.852	VV	375	5199	0.11%	0.043%
47	5.871	5.852	5.905	VV	108	2154	0.05%	0.018%
48	5.914	5.905	5.926	VV	72	801	0.02%	0.007%
49	5.961	5.926	5.986	VV	189	3325	0.07%	0.028%
50	5.995	5.986	6.008	VV	80	802	0.02%	0.007%
51	6.031	6.008	6.052	VV	113	2339	0.05%	0.019%
52	6.072	6.052	6.107	VV	181	3894	0.08%	0.032%
53	6.139	6.107	6.179	VV	250	5227	0.11%	0.043%
54	6.197	6.179	6.231	PV	112	2078	0.04%	0.017%
55	6.249	6.231	6.281	VV	225	3030	0.06%	0.025%
56	6.300	6.281	6.324	VV	172	2572	0.05%	0.021%
57	6.362	6.324	6.385	VV	445	7147	0.15%	0.059%
58	6.402	6.385	6.427	VV	360	5589	0.12%	0.047%
59	6.447	6.427	6.492	VV	576	9322	0.20%	0.078%
60	6.511	6.492	6.542	VV	696	8559	0.18%	0.071%
61	6.590	6.542	6.622	VV	175	4778	0.10%	0.040%
62	6.635	6.622	6.653	VV	113	1325	0.03%	0.011%
63	6.686	6.653	6.723	PV	123	2803	0.06%	0.023%
64	6.738	6.723	6.758	VV	149	1463	0.03%	0.012%
65	6.769	6.758	6.778	VV	96	750	0.02%	0.006%
66	6.804	6.778	6.870	VV	3419	44911	0.95%	0.374%
67	6.893	6.870	6.911	VV	255	4282	0.09%	0.036%
68	6.927	6.911	6.940	VV	264	2991	0.06%	0.025%
69	6.958	6.940	6.988	VV	484	7840	0.17%	0.065%
70	6.993	6.988	7.015	VV	189	2110	0.04%	0.018%
71	7.033	7.015	7.074	VV	392	5688	0.12%	0.047%
72	7.090	7.074	7.118	VV	171	2484	0.05%	0.021%
73	7.151	7.118	7.172	VV	179	2342	0.05%	0.019%
74	7.212	7.172	7.241	VV	127	3175	0.07%	0.026%
75	7.261	7.241	7.288	PV	234	3288	0.07%	0.027%
76	7.319	7.288	7.332	VV	382	5832	0.12%	0.049%
77	7.336	7.332	7.353	VV	366	3207	0.07%	0.027%
78	7.381	7.353	7.406	VV	413	7743	0.16%	0.064%
79	7.443	7.406	7.466	VV	457	9552	0.20%	0.079%
80	7.485	7.466	7.508	VV	322	4073	0.09%	0.034%
81	7.532	7.508	7.545	VV	100	1691	0.04%	0.014%
82	7.558	7.545	7.570	VV	123	1289	0.03%	0.011%
83	7.611	7.570	7.637	VV	771	10470	0.22%	0.087%
84	7.685	7.637	7.708	VV	148	4498	0.10%	0.037%
85	7.717	7.708	7.735	VV	151	2099	0.04%	0.017%
86	7.756	7.735	7.804	VV	288	7316	0.15%	0.061%
87	7.820	7.804	7.834	VV	152	2185	0.05%	0.018%
88	7.850	7.834	7.869	VV	177	2422	0.05%	0.020%
89	7.878	7.869	7.902	VV	89	1253	0.03%	0.010%

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90	7.907	7.902	7.922	VV	127	783	0.02%	0.007%
91	7.932	7.922	7.951	VV	47	558	0.01%	0.005%
92	7.980	7.951	7.989	PV	109	1421	0.03%	0.012%
93	8.022	7.989	8.065	VV	291	5358	0.11%	0.045%
94	8.076	8.065	8.085	VV	101	607	0.01%	0.005%
95	8.098	8.085	8.108	VV	116	1528	0.03%	0.013%
96	8.123	8.108	8.153	VV	142	2261	0.05%	0.019%
97	8.191	8.153	8.276	VV	135	5396	0.11%	0.045%
98	8.292	8.276	8.318	VV	90	1142	0.02%	0.009%
99	8.338	8.318	8.365	PV	201	3105	0.07%	0.026%
100	8.391	8.365	8.418	VV	889	10596	0.22%	0.088%
101	8.428	8.418	8.479	VV	139	2566	0.05%	0.021%
102	8.489	8.479	8.521	VV	89	1559	0.03%	0.013%
103	8.552	8.521	8.605	VV	436	9227	0.19%	0.077%
104	8.645	8.605	8.728	VV	2423	42822	0.90%	0.356%
105	8.742	8.728	8.773	VV	314	6513	0.14%	0.054%
106	8.794	8.773	8.818	VV	212	4536	0.10%	0.038%
107	8.841	8.818	8.865	VV	189	3166	0.07%	0.026%
108	8.881	8.865	8.927	VV	214	3824	0.08%	0.032%
109	9.001	8.927	9.022	VV	149	4899	0.10%	0.041%
110	9.025	9.022	9.042	VV	150	1479	0.03%	0.012%
111	9.063	9.042	9.083	VV	126	2689	0.06%	0.022%
112	9.105	9.083	9.128	VV	181	3532	0.07%	0.029%
113	9.137	9.128	9.155	VV	181	2249	0.05%	0.019%
114	9.166	9.155	9.174	VV	195	1812	0.04%	0.015%
115	9.189	9.174	9.230	VV	302	6624	0.14%	0.055%
116	9.252	9.230	9.288	VV	143	2616	0.06%	0.022%
117	9.305	9.288	9.322	PV	118	1450	0.03%	0.012%
118	9.377	9.322	9.398	VV	662	11204	0.24%	0.093%
119	9.410	9.398	9.425	VV	252	3867	0.08%	0.032%
120	9.440	9.425	9.457	VV	257	4267	0.09%	0.036%
121	9.486	9.457	9.552	VV	823	19379	0.41%	0.161%
122	9.568	9.552	9.592	VV	193	2914	0.06%	0.024%
123	9.614	9.592	9.641	VV	192	2678	0.06%	0.022%
124	9.716	9.641	9.732	VV	292	6554	0.14%	0.055%
125	9.737	9.732	9.763	VV	237	3085	0.07%	0.026%
126	9.777	9.763	9.815	VV	300	5035	0.11%	0.042%
127	9.846	9.815	9.882	VV	387	6877	0.15%	0.057%
128	9.900	9.882	9.935	VV	175	3648	0.08%	0.030%
129	9.946	9.935	9.972	VV	92	1727	0.04%	0.014%
130	9.995	9.972	10.017	VV	240	3897	0.08%	0.032%
131	10.040	10.017	10.081	VV	695	10199	0.22%	0.085%
132	10.099	10.081	10.114	VV	139	1648	0.03%	0.014%
133	10.126	10.114	10.162	VV	110	1617	0.03%	0.013%
134	10.185	10.162	10.239	VV	419	8746	0.18%	0.073%
135	10.265	10.239	10.347	VV	1073	23132	0.49%	0.192%
136	10.362	10.347	10.378	VV	161	2428	0.05%	0.020%
137	10.384	10.378	10.508	VV	109	4384	0.09%	0.036%
138	10.514	10.508	10.564	VV	44	960	0.02%	0.008%
139	10.579	10.564	10.605	PV	114	1826	0.04%	0.015%
140	10.611	10.605	10.626	VV	96	1208	0.03%	0.010%
141	10.655	10.626	10.673	VV	322	4726	0.10%	0.039%

rteres

142	10.691	10.673	10.721	VV	235	4150	0.09%	0.035%
143	10.748	10.721	10.772	VV	143	2852	0.06%	0.024%
144	10.823	10.772	10.839	PV	73	1523	0.03%	0.013%
145	10.864	10.839	10.881	VV	136	1378	0.03%	0.011%
146	10.893	10.881	10.915	VV	98	1682	0.04%	0.014%
147	10.939	10.915	10.950	VV	187	2995	0.06%	0.025%
148	11.008	10.950	11.046	VV	554	14328	0.30%	0.119%
149	11.067	11.046	11.099	VV	196	5203	0.11%	0.043%
150	11.133	11.099	11.162	VV	383	8167	0.17%	0.068%
151	11.201	11.162	11.212	VV	178	3672	0.08%	0.031%
152	11.224	11.212	11.246	VV	152	1690	0.04%	0.014%
153	11.265	11.246	11.278	VV	114	1176	0.02%	0.010%
154	11.326	11.278	11.367	VV	152	5204	0.11%	0.043%
155	11.379	11.367	11.428	VV	165	4617	0.10%	0.038%
156	11.436	11.428	11.452	VV	182	1980	0.04%	0.016%
157	11.464	11.452	11.497	VV	133	2359	0.05%	0.020%
158	11.514	11.497	11.554	VV	168	2524	0.05%	0.021%
159	11.565	11.554	11.576	VV	41	333	0.01%	0.003%
160	11.581	11.576	11.592	VV	41	216	0.00%	0.002%
161	11.603	11.592	11.618	VV	79	630	0.01%	0.005%
162	11.647	11.618	11.688	VV	1128	19106	0.40%	0.159%
163	11.715	11.688	11.791	VV	2040	35993	0.76%	0.299%
164	11.806	11.791	11.836	VV	282	4782	0.10%	0.040%
165	11.874	11.836	11.910	VV	125	2609	0.06%	0.022%
166	12.037	11.910	12.072	PV	201	7212	0.15%	0.060%
167	12.081	12.072	12.091	VV	101	953	0.02%	0.008%
168	12.109	12.091	12.145	VV	193	3637	0.08%	0.030%
169	12.152	12.145	12.159	VV	118	803	0.02%	0.007%
170	12.202	12.159	12.254	VV	289	8203	0.17%	0.068%
171	12.271	12.254	12.283	VV	79	963	0.02%	0.008%
172	12.315	12.283	12.325	VV	88	1714	0.04%	0.014%
173	12.387	12.325	12.410	VV	564	12126	0.26%	0.101%
174	12.427	12.410	12.464	VV	208	4412	0.09%	0.037%
175	12.481	12.464	12.494	VV	146	1789	0.04%	0.015%
176	12.527	12.494	12.537	VV	144	2629	0.06%	0.022%
177	12.547	12.537	12.570	VV	150	1402	0.03%	0.012%
178	12.606	12.570	12.639	PV	277	5559	0.12%	0.046%
179	12.673	12.639	12.717	VV	172	4205	0.09%	0.035%
180	12.729	12.717	12.747	VV	74	807	0.02%	0.007%
181	12.771	12.747	12.785	VV	116	1883	0.04%	0.016%
182	12.805	12.785	12.825	VV	235	3460	0.07%	0.029%
183	12.847	12.825	12.868	VV	318	6330	0.13%	0.053%
184	12.890	12.868	12.924	VV	379	6538	0.14%	0.054%
185	12.973	12.924	13.003	VV	1632	23833	0.50%	0.198%
186	13.032	13.003	13.118	VV	3093	47538	1.00%	0.396%
187	13.154	13.118	13.170	VV	250	5575	0.12%	0.046%
188	13.177	13.170	13.199	VV	153	2052	0.04%	0.017%
189	13.208	13.199	13.245	VV	71	1297	0.03%	0.011%
190	13.310	13.245	13.343	VV	209	7449	0.16%	0.062%
191	13.361	13.343	13.378	VV	199	2800	0.06%	0.023%
192	13.432	13.378	13.444	VV	251	7367	0.16%	0.061%
193	13.485	13.444	13.628	VV	374813	4732711	100.00%	39.380%
194	13.648	13.628	13.683	VV	2155	51373	1.09%	0.427%

rteres

195	13.692	13.683	13.838	VV	1143	75713	1.60%	0.630%
196	13.854	13.838	13.862	VV	617	8503	0.18%	0.071%
197	13.882	13.862	13.900	VV	730	15592	0.33%	0.130%
198	13.913	13.900	14.015	VV	680	37536	0.79%	0.312%
199	14.029	14.015	14.058	VV	537	12485	0.26%	0.104%
200	14.087	14.058	14.142	VV	600	24767	0.52%	0.206%
201	14.150	14.142	14.155	VV	479	3947	0.08%	0.033%
202	14.188	14.155	14.215	VV	1406	28260	0.60%	0.235%
203	14.240	14.215	14.283	VV	2636	46861	0.99%	0.390%
204	14.299	14.283	14.368	VV	516	20420	0.43%	0.170%
205	14.389	14.368	14.418	VV	361	8151	0.17%	0.068%
206	14.472	14.418	14.522	VV	514	22900	0.48%	0.191%
207	14.537	14.522	14.595	VV	361	12781	0.27%	0.106%
208	14.630	14.595	14.643	VV	340	8160	0.17%	0.068%
209	14.685	14.643	14.776	VV	972	36028	0.76%	0.300%
210	14.809	14.776	14.848	VV	750	16983	0.36%	0.141%
211	14.872	14.848	14.885	VV	314	6131	0.13%	0.051%
212	14.893	14.885	14.918	VV	298	5393	0.11%	0.045%
213	14.929	14.918	14.992	VV	305	10451	0.22%	0.087%
214	15.013	14.992	15.048	VV	336	8196	0.17%	0.068%
215	15.064	15.048	15.115	VV	262	9187	0.19%	0.076%
216	15.128	15.115	15.144	VV	259	3585	0.08%	0.030%
217	15.161	15.144	15.178	VV	208	3687	0.08%	0.031%
218	15.202	15.178	15.226	VV	238	5535	0.12%	0.046%
219	15.239	15.226	15.280	VV	180	4688	0.10%	0.039%
220	15.309	15.280	15.329	VV	774	12187	0.26%	0.101%
221	15.352	15.329	15.510	VV	1510	38666	0.82%	0.322%
222	15.548	15.510	15.562	VV	208	4367	0.09%	0.036%
223	15.565	15.562	15.589	VV	204	1960	0.04%	0.016%
224	15.604	15.589	15.616	VV	172	1894	0.04%	0.016%
225	15.626	15.616	15.642	VV	99	1094	0.02%	0.009%
226	15.664	15.642	15.675	VV	106	1336	0.03%	0.011%
227	15.697	15.675	15.729	PV	115	2246	0.05%	0.019%
228	15.739	15.729	15.757	VV	127	1362	0.03%	0.011%
229	15.770	15.757	15.822	VV	120	3590	0.08%	0.030%
230	15.830	15.822	15.852	VV	87	1064	0.02%	0.009%
231	15.877	15.852	16.005	VV	468	13880	0.29%	0.115%
232	16.020	16.005	16.035	VV	66	866	0.02%	0.007%
233	16.064	16.035	16.092	PV	164	2671	0.06%	0.022%
234	16.111	16.092	16.131	VV	95	1369	0.03%	0.011%
235	16.236	16.131	16.287	VV	151	6723	0.14%	0.056%
236	16.344	16.287	16.359	PV	403	6750	0.14%	0.056%
237	16.381	16.359	16.465	VV	1260	24979	0.53%	0.208%
238	16.505	16.465	16.518	VV	75	1670	0.04%	0.014%
239	16.528	16.518	16.542	VV	72	670	0.01%	0.006%
240	16.560	16.542	16.605	PV	158	3776	0.08%	0.031%
241	16.614	16.605	16.651	VV	106	1831	0.04%	0.015%
242	16.693	16.651	16.789	PV	365	9991	0.21%	0.083%
243	16.868	16.789	16.943	VV	1056	21911	0.46%	0.182%
244	16.953	16.943	16.992	VV	138	2440	0.05%	0.020%
245	17.003	16.992	17.008	VV	55	505	0.01%	0.004%
246	17.032	17.008	17.077	VV	202	5849	0.12%	0.049%

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247	17.089	17.077	17.116	VV	160	2428	0.05%	0.020%
248	17.172	17.116	17.183	PV	278	4600	0.10%	0.038%
249	17.191	17.183	17.278	VV	236	6070	0.13%	0.051%
250	17.338	17.278	17.422	PV	1348	30930	0.65%	0.257%
251	17.431	17.422	17.460	VV	64	850	0.02%	0.007%
252	17.506	17.460	17.523	PV	91	1767	0.04%	0.015%
253	17.561	17.523	17.575	VV	81	1500	0.03%	0.012%
254	17.589	17.575	17.599	VV	120	801	0.02%	0.007%
255	17.717	17.599	17.728	VV	85	2626	0.06%	0.022%
256	17.792	17.728	17.865	PV	1550	29455	0.62%	0.245%
257	17.941	17.865	17.954	VV	117	5705	0.12%	0.047%
258	18.036	17.954	18.058	VV	124	3968	0.08%	0.033%
259	18.102	18.058	18.145	VV	121	3059	0.06%	0.025%
260	18.232	18.145	18.313	PV	2189	40919	0.86%	0.340%
261	18.380	18.313	18.405	PV	136	1705	0.04%	0.014%
262	18.512	18.405	18.535	PV	221	1258	0.03%	0.010%
263	18.658	18.535	18.698	PV	2188	38891	0.82%	0.324%
264	18.746	18.698	18.764	VV	193	5073	0.11%	0.042%
265	18.858	18.764	18.867	VV	74	3592	0.08%	0.030%
266	18.983	18.867	18.995	VV	84	5874	0.12%	0.049%
267	19.070	18.995	19.134	PV	2425	47289	1.00%	0.393%
268	19.226	19.134	19.236	PV	94	1845	0.04%	0.015%
269	19.333	19.236	19.341	PV	185	3500	0.07%	0.029%
270	19.349	19.341	19.355	VV	121	703	0.01%	0.006%
271	19.471	19.355	19.526	VV	2012	53677	1.13%	0.447%
272	19.641	19.526	19.660	VV	774	43740	0.92%	0.364%
273	19.861	19.660	19.905	VV	3039	174048	3.68%	1.448%
274	20.159	19.905	20.181	VV	2506	301796	6.38%	2.511%
275	20.239	20.181	20.274	VV	3635	161055	3.40%	1.340%
276	20.605	20.274	20.635	VV	5537	792849	16.75%	6.597%
277	20.883	20.635	20.901	VV	5327	825851	17.45%	6.872%
278	20.975	20.901	21.045	VV	5724	457506	9.67%	3.807%
279	21.051	21.045	21.067	VV	5020	65411	1.38%	0.544%
280	21.214	21.067	21.238	VV	4745	493338	10.42%	4.105%
281	21.278	21.238	21.288	VV	4625	138281	2.92%	1.151%
282	21.380	21.288	21.475	VV	4951	501127	10.59%	4.170%
283	21.489	21.475	21.504	VV	4061	70686	1.49%	0.588%
284	21.552	21.504	21.608	VV	3926	239383	5.06%	1.992%
285	21.675	21.608	21.685	VV	3521	162182	3.43%	1.349%
286	21.733	21.685	21.788	VV	3360	202822	4.29%	1.688%
287	21.795	21.788	21.805	VV	3134	30689	0.65%	0.255%
288	21.844	21.805	21.898	VV	3215	169039	3.57%	1.407%
289	21.908	21.898	21.930	VV	2786	51934	1.10%	0.432%
290	21.939	21.930	21.982	VV	2686	78693	1.66%	0.655%
291	21.991	21.982	22.024	VV	2400	58651	1.24%	0.488%
292	22.045	22.024	22.054	VV	2184	38354	0.81%	0.319%
293	22.068	22.054	22.142	VV	2088	99302	2.10%	0.826%
294	22.148	22.142	22.162	VV	1650	18788	0.40%	0.156%
295	22.168	22.162	22.222	VV	1545	49994	1.06%	0.416%
296	22.272	22.222	22.329	VV	1141	68368	1.44%	0.569%
297	22.363	22.329	22.418	VV	901	39300	0.83%	0.327%
298	22.426	22.418	22.502	VBA	411	27216	0.58%	0.226%

Sum of corrected areas: 12017954

rteres

Aliphatic EPH 102925.M Fri Nov 14 05:05:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BL

Integration File: autoint1.E
Quant Time: Nov 14 00:26:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.391	3974189	24.666 ug/ml
Spiked Amount 50.000		Recovery = 49.33%	
Target Compounds			

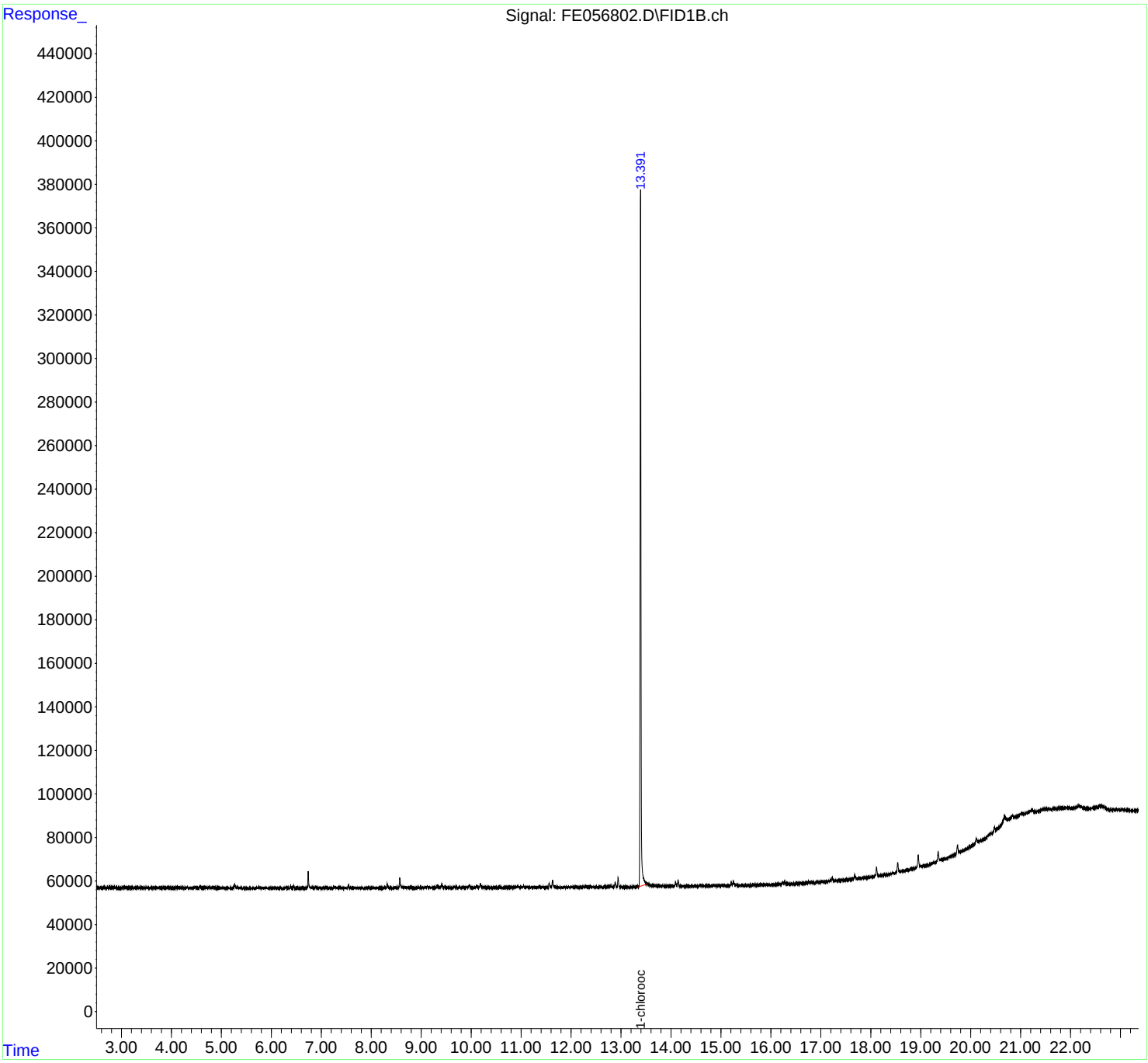
(f)=RT Delta > 1/2 Window (m)=manual int.

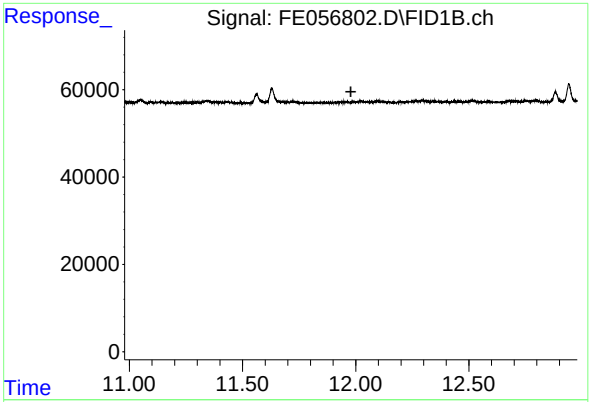
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BL

Integration File: autoint1.E
Quant Time: Nov 14 00:26:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

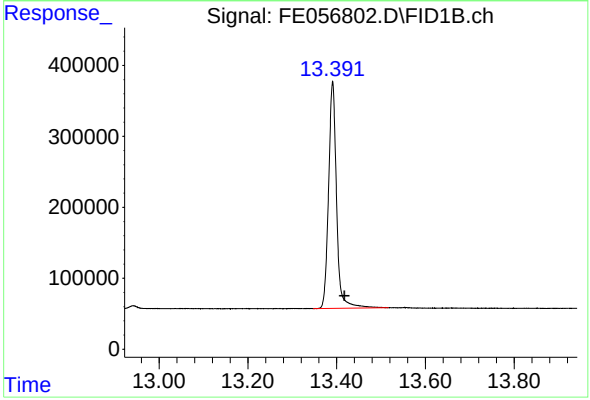




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.979 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
PB170496BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.026 min
Response: 3974189
Conc: 24.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056802.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 05:58
Sample : PB170496BL
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.391	13.347	13.517	BB	318841	3974189	100.00%	100.000%
			Sum of corrected areas:			3974189		

Aliphatic EPH 103025.M Fri Nov 14 00:48:01 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016657.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:13
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BL

Integration File: autoint1.e
Quant Time: Nov 14 05:17:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.015	6229895	54.975 ug/ml
Spiked Amount 50.000		Recovery = 109.95%	
6) S 2-Flurobiphenyl (SURR)	8.891	4204704	58.954 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 117.91%	
11) S ortho-Terphenyl (SURR)	11.960	6453726	43.947 ug/ml
Spiked Amount 50.000		Recovery = 87.89%	
Target Compounds			

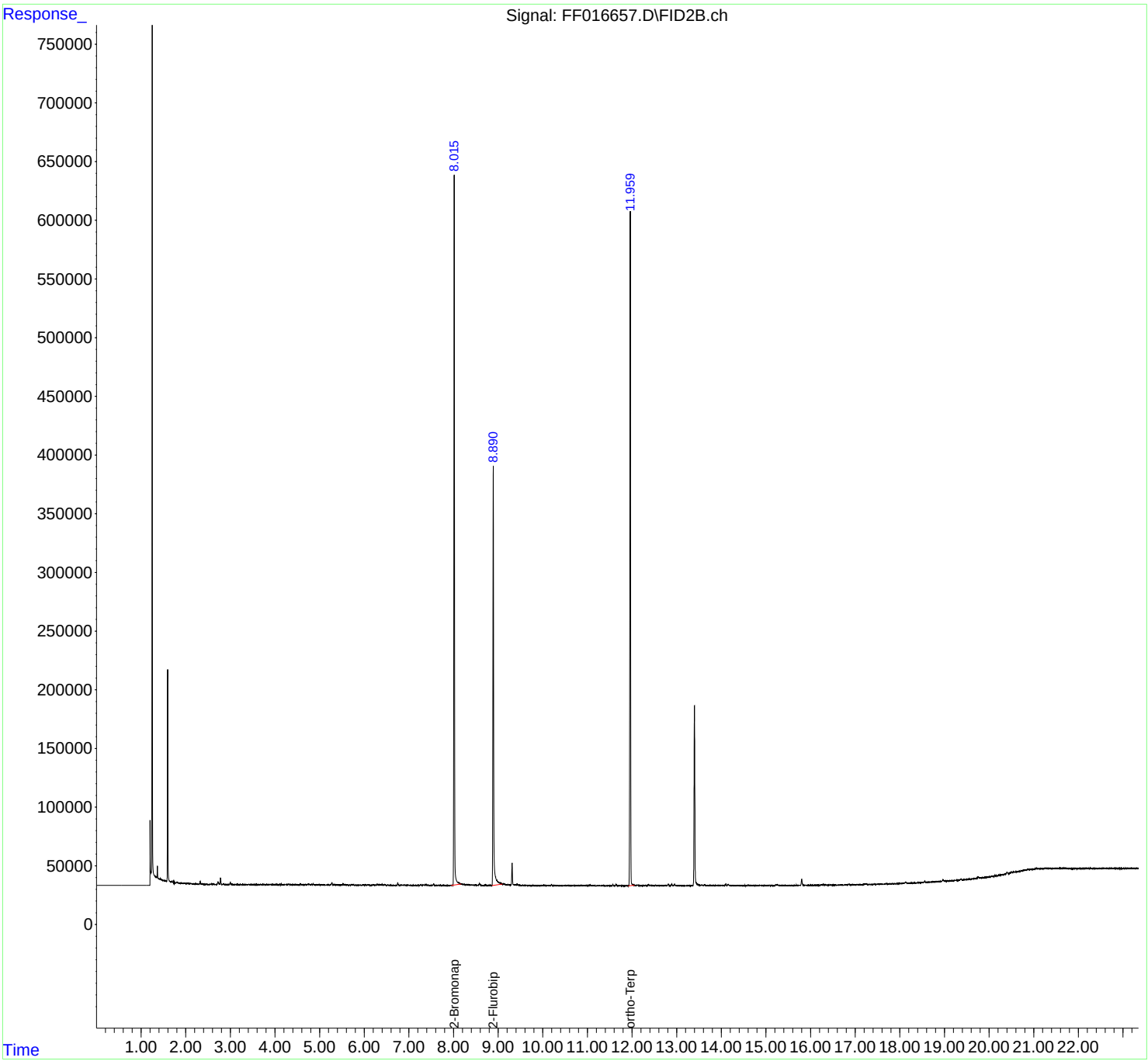
(f)=RT Delta > 1/2 Window (m)=manual int.

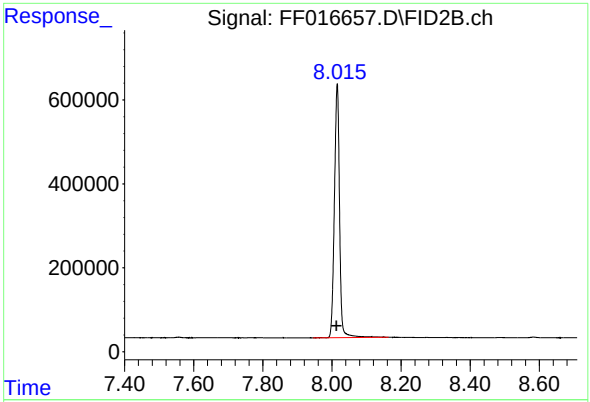
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016657.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:13
Operator : YP\AJ
Sample : PB170496BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BL

Integration File: autoint1.e
Quant Time: Nov 14 05:17:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

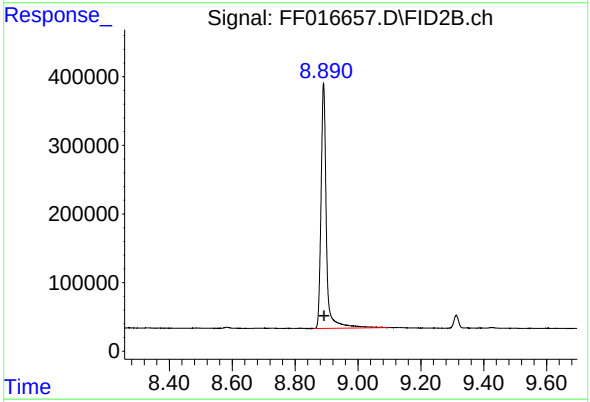




#4 2-Bromonaphthalene (SURR)

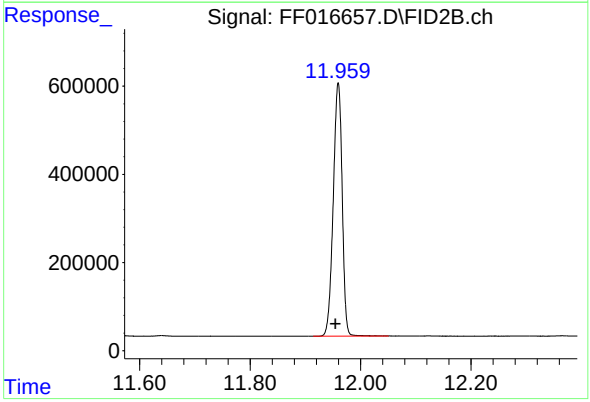
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 6229895
Conc: 54.98 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170496BL



#6 2-Flurobiphenyl (SURR)

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 4204704
Conc: 58.95 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: 0.005 min
Response: 6453726
Conc: 43.95 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016657.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:13
Sample : PB170496BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.015	7.946	8.164	BB	608514	6229895	96.53%	36.889%
2	8.891	8.857	9.097	BB	356572	4204704	65.15%	24.897%
3	11.960	11.914	12.051	BB	575303	6453726	100.00%	38.214%
			Sum of corrected areas:			16888324		

Aromatic EPH 102925.M Fri Nov 14 05:37:34 2025

Quantitation Report (QT Reviewed)

Sample Results: **FE056803.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056803.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:28
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: autoint1.E
Quant Time: Nov 14 00:26:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.389	3725257	23.121 ug/ml
Spiked Amount	50.000		Recovery =	46.24%
	Target Compounds			
1) T	n-Nonane (C9)	3.315	3795274	22.596 ug/ml
2) T	n-Decane (C10)	4.566	4635444	27.014 ug/ml
4) T	n-Dodecane (C12)	6.738	5330206	30.646 ug/ml
6) T	n-Tetradecane (C14)	8.571	5684248	32.565 ug/ml
7) T	n-Hexadecane (C16)	10.183	6162272	33.682 ug/ml
8) T	n-Octadecane (C18)	11.630	6558937	34.654 ug/ml
10) T	n-Eicosane (C20)	12.944	6815764	36.572 ug/ml
11) T	n-Heneicosane (C21)	13.557	6802216	36.992 ug/ml
13) T	n-Docosane (C22)	14.146	6774224	36.187 ug/ml
14) T	n-Tetracosane (C24)	15.250	6643273	33.918 ug/ml
15) T	n-Hexacosane (C26)	16.274	6430006	33.087 ug/ml
16) T	n-Octacosane (C28)	17.226	6278263	32.419 ug/ml
17) T	n-Tricontane (C30)	18.116	6066062	30.255 ug/ml
18) T	n-Dotriacontane (C32)	18.950	6000656	30.514 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	5980839	34.649 ug/ml
20) T	n-Hexatriacontane (C36)	20.476	5920174	40.926 ug/mlm
21) T	n-Octatriacontane (C38)	21.226	6119197	48.619 ug/ml
22) T	n-Tetracontane (C40)	22.163	6315870	54.629 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

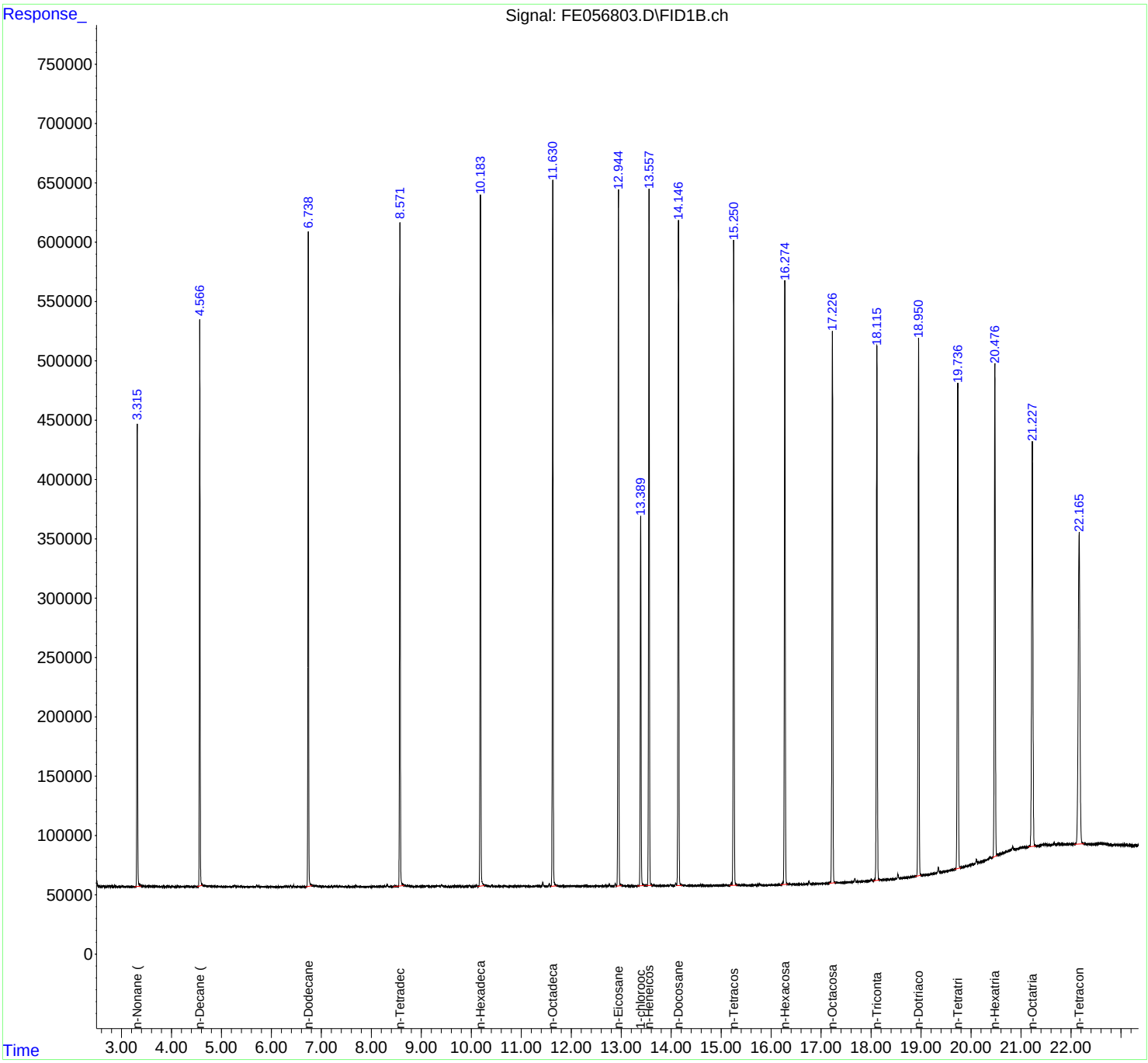
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056803.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:28
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: autoint1.E
Quant Time: Nov 14 00:26:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



Instrument :
FID_E
ClientSampleId :
PB170496BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11122
Data File : FE056803.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:28
Sample : PB170496BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.257	3.392	BB	389860	3795274	55.68%	3.387%
2	4.566	4.512	4.620	BBA	474979	4635444	68.01%	4.137%
3	6.738	6.682	6.815	BB	553459	5330206	78.20%	4.757%
4	8.571	8.437	8.654	BB	558896	5684248	83.40%	5.073%
5	10.183	10.125	10.270	BB	582177	6162272	90.41%	5.500%
6	11.630	11.590	11.712	BB	592632	6558937	96.23%	5.854%
7	12.944	12.902	13.009	PB	582826	6815764	100.00%	6.083%
8	13.389	13.322	13.464	BB	311851	3725257	54.66%	3.325%
9	13.557	13.490	13.620	BB	586422	6802216	99.80%	6.071%
10	14.146	14.110	14.220	VB	558944	6774224	99.39%	6.046%
11	15.250	15.164	15.324	BB	541070	6643273	97.47%	5.929%
12	16.274	16.185	16.340	BB	509154	6430006	94.34%	5.739%
13	17.226	17.157	17.289	BB	465114	6278263	92.11%	5.603%
14	18.116	18.042	18.172	BB	450429	6066062	89.00%	5.414%
15	18.950	18.879	18.999	BB	453997	6000656	88.04%	5.356%
16	19.735	19.665	19.799	BB	407324	5980839	87.75%	5.338%
17	20.477	20.320	20.525	BB	414233	5925224	86.93%	5.288%
18	21.226	21.145	21.305	BB	342120	6119197	89.78%	5.461%
19	22.163	22.062	22.265	BB	261747	6315870	92.67%	5.637%
			Sum of corrected areas:			112043231		

Aliphatic EPH 103025.M Fri Nov 14 00:48:18 2025

Quantitation Report (QT Reviewed)

Sample Results: **FF016658.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016658.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:49
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BS

Integration File: autoint1.e
Quant Time: Nov 21 03:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	8.011	5888454	51.962 ug/ml
Spiked Amount	50.000		Recovery =	103.92%
6) S	2-Flurobiphenyl (SURR)	8.888	3984260	55.864 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	111.73%
11) S	ortho-Terphenyl (SURR)	11.957	5984731	40.754 ug/ml
Spiked Amount	50.000		Recovery =	81.51%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.600	4752462	36.103 ug/ml
2) T	Naphthalene (C11.7)	6.278	5206955	39.360 ug/ml
3) T	2-Methylnaphthalene (...	7.380	4909913	36.935 ug/ml
5) T	Acenaphthylene (C15.06)	8.687	5794196	42.887 ug/ml
7) T	Acenaphthene (C15.5)	8.988	5875281	42.742 ug/ml
8) T	Flouorene (C16.55)	9.778	6109006	46.924 ug/ml
9) T	Phenanthrene (C19.36)	11.188	6300464	47.648 ug/ml
10) T	Anthracene (C19.43)	11.264	6481717	47.833 ug/ml
12) T	Fluoranthene (C21.85)	13.014	6509826	47.435 ug/ml
13) T	Pyrene (C20.8)	13.314	6446078	47.036 ug/ml
14) T	Benzo[a]anthracene (C...	15.201	6029806	52.944 ug/ml
15) T	Chrysene (C27.41)	15.245	7171319	50.819 ug/ml
16) T	benzo[b]fluoranthene ...	16.765	5924404	53.307 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.800	6047048	49.507 ug/ml
18) T	Benzo[a]pyrene (C31.34)	17.147	5756020	52.447 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.528	6008310	69.822 ug/ml
20) T	Dibenz[a,h]anthracene...	18.565	6046437	45.913 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.786	6052150	57.111 ug/ml

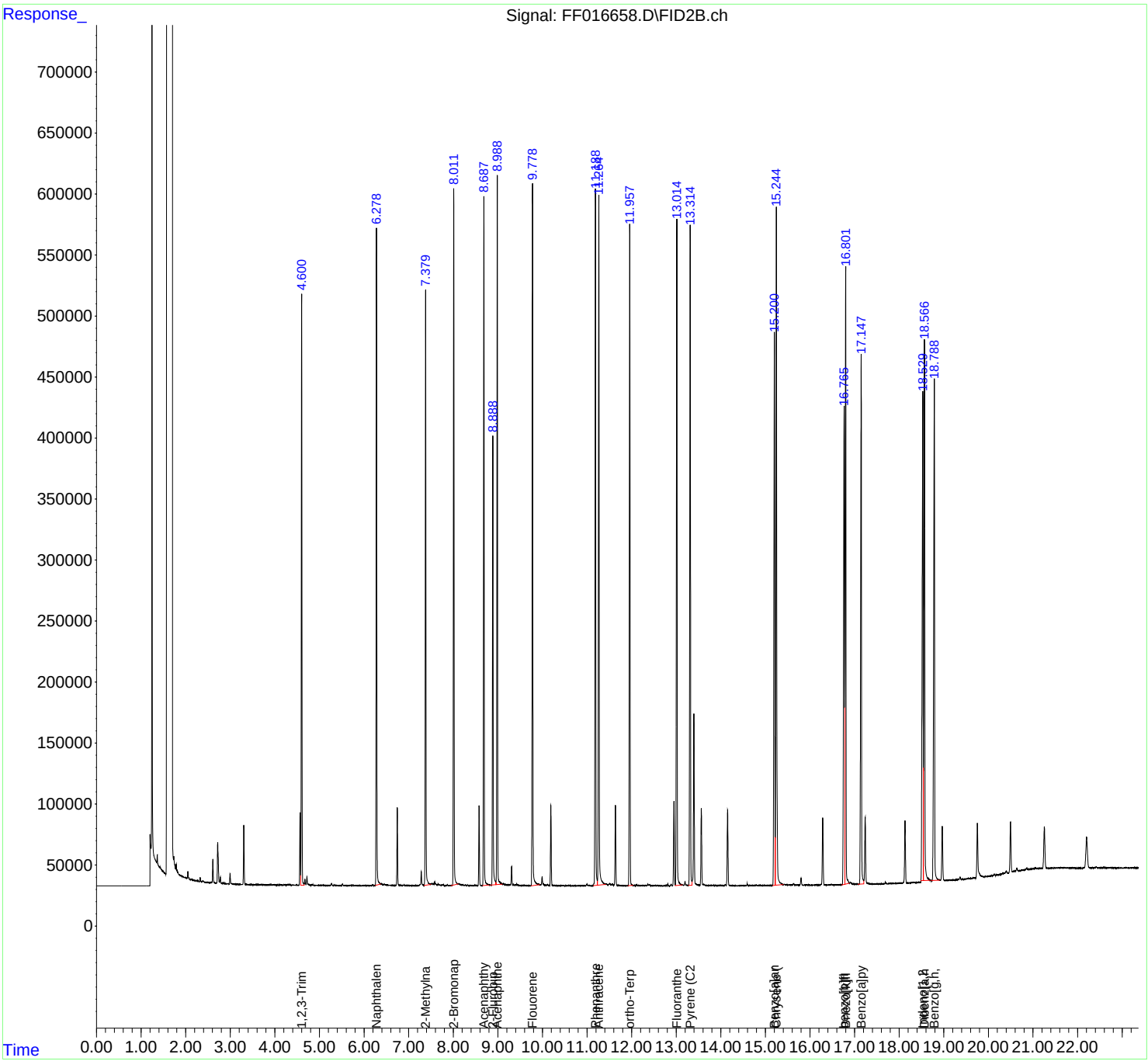
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016658.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:49
Operator : YP\AJ
Sample : PB170496BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BS

Integration File: autoint1.e
Quant Time: Nov 21 03:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016658.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 15:49
Sample : PB170496BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.600	4.579	4.656	VV	485306	4752462	66.27%	3.851%
2	6.278	6.247	6.374	BV	539429	5206955	72.61%	4.219%
3	7.380	7.342	7.502	PV	486217	4909913	68.47%	3.978%
4	8.011	7.944	8.114	BB	568996	5888454	82.11%	4.771%
5	8.687	8.652	8.804	BB	564432	5794196	80.80%	4.695%
6	8.888	8.830	8.957	BV	368691	3984260	55.56%	3.228%
7	8.988	8.957	9.104	VB	579626	5875281	81.93%	4.760%
8	9.778	9.742	9.939	BB	573760	6109006	85.19%	4.950%
9	11.188	11.132	11.232	BV	569581	6300464	87.86%	5.105%
10	11.264	11.232	11.420	VB	564720	6481717	90.38%	5.252%
11	11.957	11.912	12.035	BB	542637	5984731	83.45%	4.849%
12	13.014	12.978	13.135	VB	545735	6509826	90.78%	5.274%
13	13.314	13.272	13.353	BV	542003	6446078	89.89%	5.223%
14	15.201	15.150	15.220	BV	453535	6029806	84.08%	4.885%
15	15.245	15.220	15.407	VB	557988	7171319	100.00%	5.810%
16	16.765	16.705	16.781	BV	391506	5924404	82.61%	4.800%
17	16.800	16.781	16.887	VV	506629	6047048	84.32%	4.899%
18	17.147	17.072	17.206	BV	434893	5756020	80.26%	4.664%
19	18.528	18.480	18.543	BV	402938	6052831	84.40%	4.904%
20	18.565	18.543	18.730	VBA	443737	6132721	85.52%	4.969%
21	18.786	18.730	18.917	BB	402835	6065089	84.57%	4.914%

Sum of corrected areas: 123422580

Aromatic EPH 102925.M Fri Nov 14 05:38:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056804.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:58
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB170496BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Integration File: autoint1.E
Quant Time: Nov 14 00:27:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.389	3602185	22.358 ug/ml
Spiked Amount	50.000		Recovery =	44.72%
	Target Compounds			
1) T	n-Nonane (C9)	3.314	3815356	22.715 ug/ml
2) T	n-Decane (C10)	4.566	4665007	27.186 ug/ml
4) T	n-Dodecane (C12)	6.738	5364311	30.842 ug/ml
6) T	n-Tetradecane (C14)	8.571	5707481	32.698 ug/ml
7) T	n-Hexadecane (C16)	10.183	6173071	33.741 ug/ml
8) T	n-Octadecane (C18)	11.630	6568829	34.706 ug/ml
10) T	n-Eicosane (C20)	12.944	6805799	36.519 ug/ml
11) T	n-Heneicosane (C21)	13.558	6774202	36.840 ug/ml
13) T	n-Docosane (C22)	14.145	6741751	36.013 ug/ml
14) T	n-Tetracosane (C24)	15.251	6598513	33.689 ug/ml
15) T	n-Hexacosane (C26)	16.274	6405689	32.962 ug/ml
16) T	n-Octacosane (C28)	17.226	6347017	32.774 ug/ml
17) T	n-Tricontane (C30)	18.116	6431694	32.079 ug/ml
18) T	n-Dotriacontane (C32)	18.951	6789467	34.526 ug/ml
19) T	n-Tetratriacontane (C34)	19.736	6796369	39.374 ug/ml
20) T	n-Hexatriacontane (C36)	20.477	6581823	45.500 ug/mlm
21) T	n-Octatriacontane (C38)	21.228	6555152	52.082 ug/ml
22) T	n-Tetracontane (C40)	22.163	6759867	58.469 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
Data File : FE056804.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:58
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

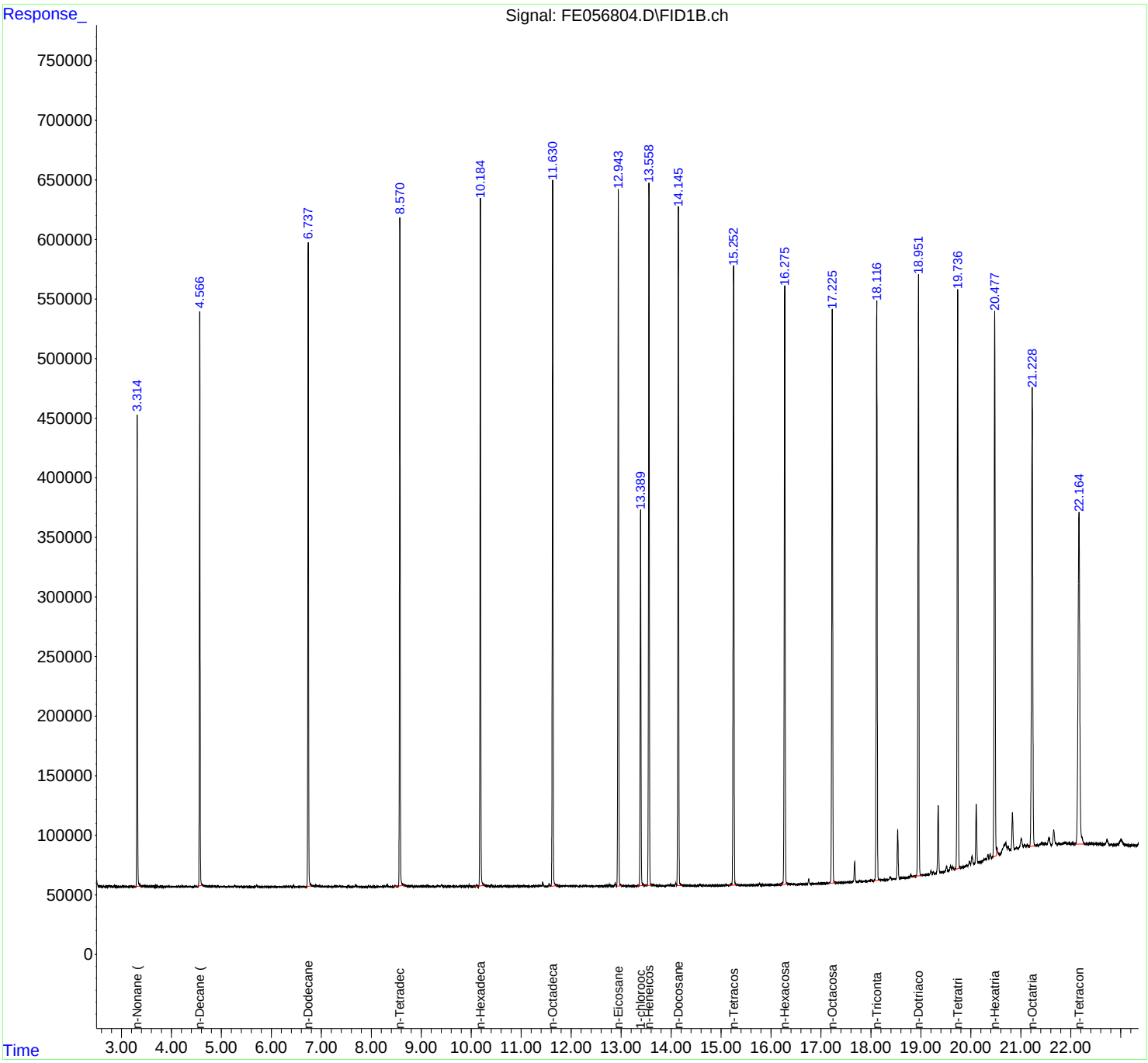
Integration File: autoint1.E
Quant Time: Nov 14 00:27:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_E
ClientSampleId :
PB170496BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



Instrument :
FID_E
ClientSampleId :
PB170496BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE11122
Data File : FE056804.D
Signal(s) : FID1B.ch
Acq On : 13 Nov 2025 06:58
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.314	3.260	3.387	BB	395177	3815356	56.06%	3.304%
2	4.566	4.507	4.619	BBA	481799	4665007	68.54%	4.040%
3	6.738	6.680	6.807	BB	541011	5364311	78.82%	4.645%
4	8.571	8.439	8.657	BB	558461	5707481	83.86%	4.943%
5	10.183	10.059	10.265	BB	576591	6173071	90.70%	5.346%
6	11.630	11.590	11.717	BB	594171	6568829	96.52%	5.689%
7	12.944	12.905	13.007	PB	584902	6805799	100.00%	5.894%
8	13.389	13.322	13.459	BB	315547	3602185	52.93%	3.119%
9	13.558	13.499	13.615	BB	584970	6774202	99.54%	5.866%
10	14.145	14.109	14.214	VB	568326	6741751	99.06%	5.838%
11	15.251	15.160	15.319	BB	517026	6598513	96.95%	5.714%
12	16.274	16.185	16.344	BB	497366	6405689	94.12%	5.547%
13	17.226	17.159	17.294	BB	480066	6347017	93.26%	5.496%
14	18.116	18.040	18.180	BB	487042	6431694	94.50%	5.570%
15	18.951	18.830	19.017	BB	498369	6789467	99.76%	5.880%
16	19.736	19.670	19.797	BB	484358	6796369	99.86%	5.886%
17	20.478	20.422	20.510	BV	456149	6572300	96.57%	5.692%
18	21.228	21.162	21.302	BB	385299	6555152	96.32%	5.677%
19	22.163	22.075	22.277	BB	277215	6759867	99.33%	5.854%
			Sum of corrected areas:			115474061		

Aliphatic EPH 103025.M Fri Nov 14 00:48:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016659.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:26
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BSD

Integration File: autoint1.e
Quant Time: Nov 14 05:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	8.010	5746409	50.709 ug/ml
Spiked Amount	50.000		Recovery =	101.42%
6) S	2-Flurobiphenyl (SURR)	8.887	3887130	54.502 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	109.00%
11) S	ortho-Terphenyl (SURR)	11.955	5860648	39.909 ug/ml
Spiked Amount	50.000		Recovery =	79.82%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.599	4636566	35.223 ug/ml
2) T	Naphthalene (C11.7)	6.277	5081416	38.411 ug/ml
3) T	2-Methylnaphthalene (...	7.379	4784604	35.992 ug/ml
5) T	Acenaphthylene (C15.06)	8.686	5656457	41.867 ug/ml
7) T	Acenaphthene (C15.5)	8.987	5743116	41.780 ug/ml
8) T	Flouorene (C16.55)	9.777	5958264	45.766 ug/ml
9) T	Phenanthrene (C19.36)	11.186	6182787	46.758 ug/ml
10) T	Anthracene (C19.43)	11.263	6416108	47.348 ug/ml
12) T	Fluoranthene (C21.85)	13.012	6425225	46.818 ug/ml
13) T	Pyrene (C20.8)	13.311	6362068	46.423 ug/ml
14) T	Benzo[a]anthracene (C...	15.199	5967029	52.392 ug/ml
15) T	Chrysene (C27.41)	15.244	7099031	50.306 ug/ml
16) T	benzo[b]fluoranthene ...	16.764	5793182	52.126 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.799	5955235	48.755 ug/ml
18) T	Benzo[a]pyrene (C31.34)	17.146	5626375	51.265 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.527	5883081	68.367 ug/ml
20) T	Dibenz[a,h]anthracene...	18.564	5958476	45.245 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.785	5879377	55.480 ug/ml

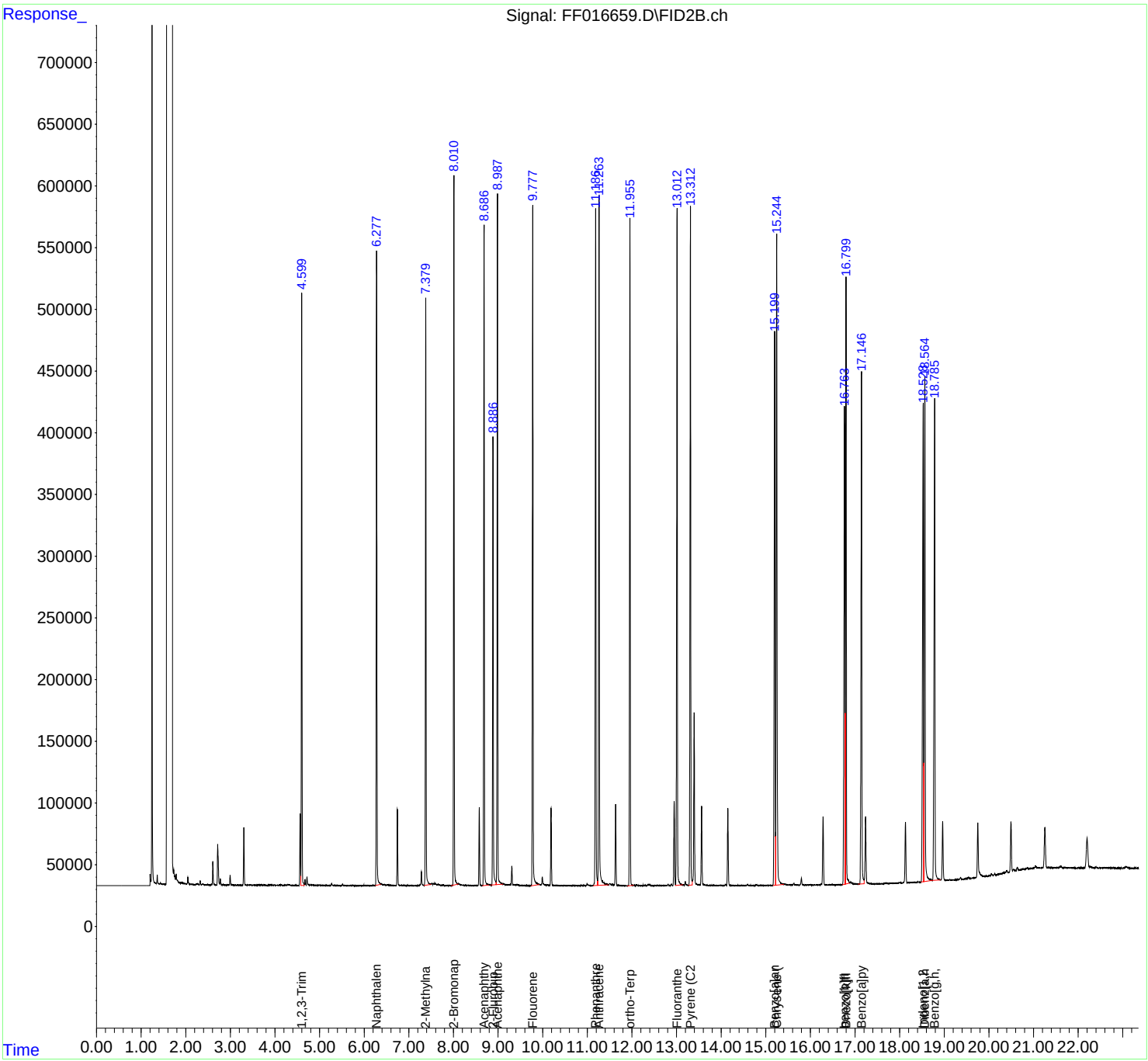
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016659.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:26
Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170496BSD

Integration File: autoint1.e
Quant Time: Nov 14 05:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
Data File : FF016659.D
Signal(s) : FID2B.ch
Acq On : 12 Nov 2025 16:26
Sample : PB170496BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.599	4.578	4.654	VV	479310	4636566	65.31%	3.835%
2	6.277	6.245	6.372	BV	513913	5081416	71.58%	4.203%
3	7.379	7.340	7.499	PB	475710	4784604	67.40%	3.957%
4	8.010	7.944	8.112	BB	576888	5746409	80.95%	4.753%
5	8.686	8.644	8.799	BB	533982	5656457	79.68%	4.679%
6	8.887	8.827	8.957	BV	363235	3887130	54.76%	3.215%
7	8.987	8.957	9.114	VB	561627	5743116	80.90%	4.750%
8	9.777	9.740	9.927	BB	551433	5958264	83.93%	4.928%
9	11.186	11.130	11.232	BV	550415	6182787	87.09%	5.114%
10	11.263	11.232	11.475	VB	557861	6416108	90.38%	5.307%
11	11.955	11.897	12.034	BB	540762	5860648	82.56%	4.847%
12	13.012	12.976	13.140	VB	549114	6425225	90.51%	5.314%
13	13.311	13.269	13.351	BV	553038	6362068	89.62%	5.262%
14	15.199	15.155	15.218	BV	449130	5967029	84.05%	4.935%
15	15.244	15.218	15.407	VB	527463	7099031	100.00%	5.872%
16	16.764	16.717	16.780	BV	386678	5793182	81.61%	4.792%
17	16.799	16.780	16.882	VV	492364	5955235	83.89%	4.926%
18	17.146	17.067	17.204	BV	415840	5626375	79.26%	4.654%
19	18.527	18.480	18.541	BV	386887	5883081	82.87%	4.866%
20	18.564	18.541	18.730	VBA	409088	5958476	83.93%	4.928%
21	18.785	18.730	18.915	BB	388128	5879377	82.82%	4.863%

Sum of corrected areas: 120902582

Aromatic EPH 102925.M Fri Nov 14 05:39:23 2025

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Manual Integration Report

Sequence:	FE103025AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3485-01	FE056583.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:28 PM	yogesh	10/31/2025 4:28:57	Peak Integrated by Software
Q3485-02	FE056584.D	1-chlorooctadecane (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3485-02	FE056584.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3490-01	FE056595.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:34 PM	yogesh	10/31/2025 4:29:00	Peak Integrated by Software

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Manual Integration Report

Sequence:	FE111225AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3590-03	FE056764.D	ortho-Terphenyl (SURR)	rahul	11/13/2025 11:02:11 AM	yogesh	11/13/2025 1:21:10	Peak Integrated by Software
Q3593-08DL	FE056770.D	ortho-Terphenyl (SURR)	rahul	11/13/2025 11:02:16 AM	yogesh	11/13/2025 1:21:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056779.D	n-Tetracontane (C40)	rahul	11/13/2025 1:14:34 PM	yogesh	11/13/2025 1:21:14	Peak Integrated by Software
PB170496BS	FE056803.D	n-Hexatriacontane (C36)	rahul	11/14/2025 9:08:30 AM	Sohil	11/14/2025 4:12:25	Peak Integrated by Software
PB170496BSD	FE056804.D	n-Hexatriacontane (C36)	rahul	11/14/2025 9:08:34 AM	Sohil	11/14/2025 4:12:30	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE056806.D	n-Octatriacontane (C38)	rahul	11/14/2025 9:08:39 AM	Sohil	11/14/2025 4:12:38	Peak Integrated by Software

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Manual Integration Report

Sequence:	FF102925AR	Instrument	FID_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:	FF111225AR	Instrument	FID_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:	FG102925AL	Instrument	FID_g

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:	FG111325AL	Instrument	FID_g

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: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056573.D	30 Oct 2025 09:19	YP\AJ	Ok
2	I.BLK	FE056574.D	30 Oct 2025 09:49	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE056575.D	30 Oct 2025 10:20	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE056576.D	30 Oct 2025 10:50	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE056577.D	30 Oct 2025 11:20	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE056578.D	30 Oct 2025 11:51	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE056579.D	30 Oct 2025 12:21	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE056580.D	30 Oct 2025 12:51	YP\AJ	Ok
9	I.BLK	FE056581.D	30 Oct 2025 13:21	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE056582.D	30 Oct 2025 13:52	YP\AJ	Ok
11	Q3485-01	FE056583.D	30 Oct 2025 14:52	YP\AJ	Ok,M
12	Q3485-02	FE056584.D	30 Oct 2025 15:23	YP\AJ	Ok,M
13	Q3486-01	FE056585.D	30 Oct 2025 15:53	YP\AJ	Ok
14	Q3486-02	FE056586.D	30 Oct 2025 16:25	YP\AJ	Ok
15	Q3486-03	FE056587.D	30 Oct 2025 16:56	YP\AJ	Dilution
16	Q3486-04	FE056588.D	30 Oct 2025 17:26	YP\AJ	Ok
17	Q3486-06	FE056589.D	30 Oct 2025 17:57	YP\AJ	Ok
18	Q3486-07	FE056590.D	30 Oct 2025 18:27	YP\AJ	ReRun
19	Q3486-08	FE056591.D	30 Oct 2025 18:58	YP\AJ	ReRun
20	Q3488-01	FE056592.D	30 Oct 2025 19:28	YP\AJ	Ok
21	Q3488-04	FE056593.D	30 Oct 2025 19:59	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3488-06	FE056594.D	30 Oct 2025 20:29	YP\AJ	Dilution
23	Q3490-01	FE056595.D	30 Oct 2025 21:00	YP\AJ	Dilution
24	Q3488-02	FE056596.D	30 Oct 2025 21:30	YP\AJ	Dilution
25	I.BLK	FE056597.D	30 Oct 2025 23:01	YP\AJ	Ok
26	20 PPM ALIPHATIC HC STD	FE056598.D	30 Oct 2025 23:32	YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056761.D	12 Nov 2025 07:18	YP\AJ	Ok
2	I.BLK	FE056762.D	12 Nov 2025 07:48	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE056763.D	12 Nov 2025 08:18	YP\AJ	Ok
4	Q3590-03	FE056764.D	12 Nov 2025 08:48	YP\AJ	Dilution
5	Q3588-04DL	FE056765.D	12 Nov 2025 09:18	YP\AJ	Ok
6	Q3593-04DL	FE056766.D	12 Nov 2025 09:49	YP\AJ	Dilution
7	Q3593-04DL2	FE056767.D	12 Nov 2025 10:19	YP\AJ	Ok
8	Q3593-06DL	FE056768.D	12 Nov 2025 10:49	YP\AJ	Dilution
9	Q3593-06DL2	FE056769.D	12 Nov 2025 11:19	YP\AJ	Ok
10	Q3593-08DL	FE056770.D	12 Nov 2025 11:49	YP\AJ	Ok,M
11	Q3593-10DL	FE056771.D	12 Nov 2025 12:20	YP\AJ	Ok
12	Q3582-04DL	FE056772.D	12 Nov 2025 12:50	YP\AJ	Dilution
13	Q3582-04DL2	FE056773.D	12 Nov 2025 13:20	YP\AJ	Ok
14	Q3582-05DL	FE056774.D	12 Nov 2025 13:50	YP\AJ	Dilution
15	Q3582-05DL2	FE056775.D	12 Nov 2025 14:21	YP\AJ	Ok
16	Q3590-01DL	FE056776.D	12 Nov 2025 14:51	YP\AJ	Ok
17	Q3590-05DL	FE056777.D	12 Nov 2025 15:21	YP\AJ	Ok
18	I.BLK	FE056778.D	12 Nov 2025 16:22	YP\AJ	Ok
19	20 PPM ALIPHATIC HC STD	FE056779.D	12 Nov 2025 16:52	YP\AJ	Ok,M
20	Q3587-02	FE056780.D	12 Nov 2025 17:52	YP\AJ	Ok
21	Q3597-01	FE056781.D	12 Nov 2025 18:23	YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3597-02	FE056782.D	12 Nov 2025 18:53	YP\AJ	Ok
23	Q3597-03	FE056783.D	12 Nov 2025 19:23	YP\AJ	Ok
24	Q3597-04	FE056784.D	12 Nov 2025 19:53	YP\AJ	Ok
25	Q3597-05	FE056785.D	12 Nov 2025 20:23	YP\AJ	Ok
26	Q3597-06	FE056786.D	12 Nov 2025 20:54	YP\AJ	Ok
27	Q3597-07	FE056787.D	12 Nov 2025 21:24	YP\AJ	Ok
28	Q3597-08	FE056788.D	12 Nov 2025 21:54	YP\AJ	Ok
29	Q3597-09	FE056789.D	12 Nov 2025 22:25	YP\AJ	Ok
30	Q3597-10	FE056790.D	12 Nov 2025 22:55	YP\AJ	Ok
31	Q3597-11	FE056791.D	12 Nov 2025 23:25	YP\AJ	Ok
32	Q3597-12	FE056792.D	12 Nov 2025 23:55	YP\AJ	Ok
33	Q3598-01	FE056793.D	13 Nov 2025 00:25	YP\AJ	Ok
34	Q3599-01	FE056794.D	13 Nov 2025 00:55	YP\AJ	Ok
35	Q3600-01	FE056795.D	13 Nov 2025 01:26	YP\AJ	ReRun
36	Q3600-02	FE056796.D	13 Nov 2025 01:56	YP\AJ	Ok
37	Q3584-01	FE056797.D	13 Nov 2025 02:26	YP\AJ	ReRun
38	Q3584-02	FE056798.D	13 Nov 2025 02:56	YP\AJ	ReRun
39	Q3584-03	FE056799.D	13 Nov 2025 03:27	YP\AJ	ReRun
40	I.BLK	FE056800.D	13 Nov 2025 04:27	YP\AJ	Ok
41	20 PPM ALIPHATIC HC STD	FE056801.D	13 Nov 2025 04:57	YP\AJ	Ok
42	PB170496BL	FE056802.D	13 Nov 2025 05:58	YP\AJ	Ok
43	PB170496BS	FE056803.D	13 Nov 2025 06:28	YP\AJ	Ok,M
44	PB170496BSD	FE056804.D	13 Nov 2025 06:58	YP\AJ	Ok,M

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	FE056805.D	13 Nov 2025 07:28	YP\AJ	Ok
46	20 PPM ALIPHATIC HC STD	FE056806.D	13 Nov 2025 07:58	YP\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM		
SubDirectory	FF102925AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016609.D	29 Oct 2025 13:36	YP\AJ	Ok
2	I.BLK	FF016610.D	29 Oct 2025 14:05	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF016611.D	29 Oct 2025 14:35	YP\AJ	Not Ok
4	50 PPM AROMATIC HC STD2	FF016612.D	29 Oct 2025 15:04	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF016613.D	29 Oct 2025 15:34	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF016614.D	29 Oct 2025 16:03	YP\AJ	Ok
7	100 PPM AROMATIC HC STD1	FF016615.D	29 Oct 2025 17:02	YP\AJ	Ok
8	5 PPM AROMATIC HC STD5	FF016616.D	29 Oct 2025 18:07	YP\AJ	Ok
9	20 PPM AROMATIC HC STD ICV	FF016617.D	29 Oct 2025 19:06	YP\AJ	Ok
10	I.BLK	FF016618.D	29 Oct 2025 20:05	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016619.D	29 Oct 2025 20:34	YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111225AR

Review By	rahul	Review On	11/19/2025 2:39:14 PM		
Supervise By	Sohil	Supervise On	11/19/2025 3:27:27 PM		
SubDirectory	FF111225AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016654.D	12 Nov 2025 07:47	YP\AJ	Ok
2	I.BLK	FF016655.D	12 Nov 2025 12:16	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF016656.D	12 Nov 2025 13:15	YP\AJ	Ok
4	PB170496BL	FF016657.D	12 Nov 2025 15:13	YP\AJ	Ok
5	PB170496BS	FF016658.D	12 Nov 2025 15:49	YP\AJ	Ok
6	PB170496BSD	FF016659.D	12 Nov 2025 16:26	YP\AJ	Ok
7	Q3584-01	FF016660.D	12 Nov 2025 16:55	YP\AJ	Ok
8	Q3584-02	FF016661.D	12 Nov 2025 17:25	YP\AJ	Ok
9	Q3584-03	FF016662.D	12 Nov 2025 17:54	YP\AJ	Ok
10	I.BLK	FF016663.D	12 Nov 2025 18:53	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016664.D	12 Nov 2025 19:23	YP\AJ	Ok

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM		
SubDirectory	FG102925AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016845.D	29 Oct 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016846.D	29 Oct 2025 13:36	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016847.D	29 Oct 2025 14:05	YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC STD2	FG016848.D	29 Oct 2025 14:35	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016849.D	29 Oct 2025 15:04	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016850.D	29 Oct 2025 15:34	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016851.D	29 Oct 2025 16:03	YP\AJ	Ok
8	100 PPM ALIPHATIC HC STD1	FG016852.D	29 Oct 2025 16:33	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD ICV	FG016853.D	29 Oct 2025 17:32	YP\AJ	Ok
10	I.BLK	FG016854.D	29 Oct 2025 19:35	YP\AJ	Ok
11	20 PPM ALIPHATIC HC STD	FG016855.D	29 Oct 2025 20:05	YP\AJ	Ok

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM		
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM		
SubDirectory	FG111325AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016901.D	13 Nov 2025 08:08	YP\AJ	Ok
2	I.BLK	FG016902.D	13 Nov 2025 08:37	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016903.D	13 Nov 2025 09:06	YP\AJ	Ok
4	Q3601-09DL	FG016904.D	13 Nov 2025 10:22	YP\AJ	Not Ok
5	Q3601-10DL	FG016905.D	13 Nov 2025 10:58	YP\AJ	Not Ok
6	I.BLK	FG016906.D	13 Nov 2025 11:27	YP\AJ	Ok
7	20 PPM ALIPHATIC HC STD	FG016907.D	13 Nov 2025 11:57	YP\AJ	Ok
8	Q3584-01	FG016908.D	13 Nov 2025 12:38	YP\AJ	Ok
9	Q3584-02	FG016909.D	13 Nov 2025 13:08	YP\AJ	Ok
10	Q3584-03	FG016910.D	13 Nov 2025 13:37	YP\AJ	Ok
11	I.BLK	FG016911.D	13 Nov 2025 14:07	YP\AJ	Ok
12	20 PPM ALIPHATIC HC STD	FG016912.D	13 Nov 2025 14:36	YP\AJ	Ok
13	PB170529BL	FG016913.D	13 Nov 2025 15:05	YP\AJ	Ok
14	PB170529BS	FG016914.D	13 Nov 2025 15:35	YP\AJ	Ok
15	PB170529BSD	FG016915.D	13 Nov 2025 16:04	YP\AJ	Ok
16	Q3611-11	FG016916.D	13 Nov 2025 16:34	YP\AJ	Ok
17	Q3611-11D	FG016917.D	13 Nov 2025 17:03	YP\AJ	Ok
18	Q3611-11MS	FG016918.D	13 Nov 2025 17:33	YP\AJ	Ok
19	Q3611-11MSD	FG016919.D	13 Nov 2025 18:02	YP\AJ	Ok
20	Q3611-12	FG016920.D	13 Nov 2025 18:32	YP\AJ	Ok
21	I.BLK	FG016921.D	13 Nov 2025 19:31	YP\AJ	Ok

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM		
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM		
SubDirectory	FG111325AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	20 PPM ALIPHATIC HC STD	FG016922.D	13 Nov 2025 20:00	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056573.D	30 Oct 2025 09:19		YP\AJ	Ok
2	I.BLK	I.BLK	FE056574.D	30 Oct 2025 09:49		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE056575.D	30 Oct 2025 10:20		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE056576.D	30 Oct 2025 10:50		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056577.D	30 Oct 2025 11:20		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE056578.D	30 Oct 2025 11:51		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE056579.D	30 Oct 2025 12:21		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056580.D	30 Oct 2025 12:51		YP\AJ	Ok
9	I.BLK	I.BLK	FE056581.D	30 Oct 2025 13:21		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056582.D	30 Oct 2025 13:52		YP\AJ	Ok
11	Q3485-01	TR-04-102925	FE056583.D	30 Oct 2025 14:52		YP\AJ	Ok,M
12	Q3485-02	TR-04-102925-E2	FE056584.D	30 Oct 2025 15:23		YP\AJ	Ok,M
13	Q3486-01	TP3	FE056585.D	30 Oct 2025 15:53		YP\AJ	Ok
14	Q3486-02	TP3-E2	FE056586.D	30 Oct 2025 16:25		YP\AJ	Ok
15	Q3486-03	TP4	FE056587.D	30 Oct 2025 16:56	Need 5X,Surrogate fail	YP\AJ	Dilution
16	Q3486-04	TP4-E2	FE056588.D	30 Oct 2025 17:26		YP\AJ	Ok
17	Q3486-06	TP5-E2	FE056589.D	30 Oct 2025 17:57		YP\AJ	Ok
18	Q3486-07	TP6	FE056590.D	30 Oct 2025 18:27	Surrogate fail	YP\AJ	ReRun

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3486-08	TP6-E2	FE056591.D	30 Oct 2025 18:58	Surrogate fail	YP\AJ	ReRun
20	Q3488-01	MOO-25-0294-0298	FE056592.D	30 Oct 2025 19:28		YP\AJ	Ok
21	Q3488-04	MOO-25-0302-0310	FE056593.D	30 Oct 2025 19:59	Need 500X	YP\AJ	Dilution
22	Q3488-06	MOO-25-0311-0313	FE056594.D	30 Oct 2025 20:29	Need further 20X	YP\AJ	Dilution
23	Q3490-01	LAW-25-0151	FE056595.D	30 Oct 2025 21:00	Need further 10X	YP\AJ	Dilution
24	Q3488-02	MOO-25-0299	FE056596.D	30 Oct 2025 21:30	Need further 20X	YP\AJ	Dilution
25	I.BLK	I.BLK	FE056597.D	30 Oct 2025 23:01		YP\AJ	Ok
26	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056598.D	30 Oct 2025 23:32		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056761.D	12 Nov 2025 07:18		YP\AJ	Ok
2	I.BLK	I.BLK	FE056762.D	12 Nov 2025 07:48		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056763.D	12 Nov 2025 08:18		YP\AJ	Ok
4	Q3590-03	MOO-25-0317-0318-CC	FE056764.D	12 Nov 2025 08:48		YP\AJ	Dilution
5	Q3588-04DL	TR-01-11072025-E2DL	FE056765.D	12 Nov 2025 09:18		YP\AJ	Ok
6	Q3593-04DL	A-LAW-25-0167-0175-C	FE056766.D	12 Nov 2025 09:49	Need more dilution	YP\AJ	Dilution
7	Q3593-04DL2	A-LAW-25-0167-0175-C	FE056767.D	12 Nov 2025 10:19		YP\AJ	Ok
8	Q3593-06DL	B-LAW-25-0167-0175-C	FE056768.D	12 Nov 2025 10:49	Need more dilution	YP\AJ	Dilution
9	Q3593-06DL2	B-LAW-25-0167-0175-C	FE056769.D	12 Nov 2025 11:19		YP\AJ	Ok
10	Q3593-08DL	C-LAW-25-0156-0166-C	FE056770.D	12 Nov 2025 11:49		YP\AJ	Ok,M
11	Q3593-10DL	D-LAW-25-0156-0166-C	FE056771.D	12 Nov 2025 12:20		YP\AJ	Ok
12	Q3582-04DL	RT4912DL	FE056772.D	12 Nov 2025 12:50	Need more dilution	YP\AJ	Dilution
13	Q3582-04DL2	RT4912DL2	FE056773.D	12 Nov 2025 13:20		YP\AJ	Ok
14	Q3582-05DL	RT4912-E2DL	FE056774.D	12 Nov 2025 13:50	Need more dilution	YP\AJ	Dilution
15	Q3582-05DL2	RT4912-E2DL2	FE056775.D	12 Nov 2025 14:21		YP\AJ	Ok
16	Q3590-01DL	MOO-25-0314-0316-CC	FE056776.D	12 Nov 2025 14:51		YP\AJ	Ok
17	Q3590-05DL	MOO-25-0319DL	FE056777.D	12 Nov 2025 15:21		YP\AJ	Ok
18	I.BLK	I.BLK	FE056778.D	12 Nov 2025 16:22		YP\AJ	Ok

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056779.D	12 Nov 2025 16:52		YP\AJ	Ok,M
20	Q3587-02	NB-08-110725-E2	FE056780.D	12 Nov 2025 17:52		YP\AJ	Ok
21	Q3597-01	TP-1	FE056781.D	12 Nov 2025 18:23		YP\AJ	Ok
22	Q3597-02	TP-1-EPH-0-3	FE056782.D	12 Nov 2025 18:53		YP\AJ	Ok
23	Q3597-03	TP-1-EPH-3-6	FE056783.D	12 Nov 2025 19:23		YP\AJ	Ok
24	Q3597-04	TP-2	FE056784.D	12 Nov 2025 19:53		YP\AJ	Ok
25	Q3597-05	TP-2-EPH-0-3	FE056785.D	12 Nov 2025 20:23		YP\AJ	Ok
26	Q3597-06	TP-2-EPH-3-6	FE056786.D	12 Nov 2025 20:54		YP\AJ	Ok
27	Q3597-07	TP-3	FE056787.D	12 Nov 2025 21:24		YP\AJ	Ok
28	Q3597-08	TP-3-EPH-0-3	FE056788.D	12 Nov 2025 21:54		YP\AJ	Ok
29	Q3597-09	TP-3-EPH-3-6	FE056789.D	12 Nov 2025 22:25		YP\AJ	Ok
30	Q3597-10	TP-4	FE056790.D	12 Nov 2025 22:55		YP\AJ	Ok
31	Q3597-11	TP-4-EPH-0-3	FE056791.D	12 Nov 2025 23:25		YP\AJ	Ok
32	Q3597-12	TP-4-EPH-3-6	FE056792.D	12 Nov 2025 23:55		YP\AJ	Ok
33	Q3598-01	EO-CONCRETE	FE056793.D	13 Nov 2025 00:25		YP\AJ	Ok
34	Q3599-01	LIVINGSTON-SOIL	FE056794.D	13 Nov 2025 00:55		YP\AJ	Ok
35	Q3600-01	CENTRAL-ROW-CONC	FE056795.D	13 Nov 2025 01:26	surrogate fail low	YP\AJ	ReRun
36	Q3600-02	CENTRAL-ROW-CONC	FE056796.D	13 Nov 2025 01:56		YP\AJ	Ok
37	Q3584-01	Q3584-01	FE056797.D	13 Nov 2025 02:26	surrogate fail low	YP\AJ	ReRun

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE111225AL

Review By	rahul	Review On	11/13/2025 11:02:27 AM		
Supervise By	yogesh	Supervise On	11/13/2025 1:13:55 PM		
SubDirectory	FE111225AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3584-02	Q3584-02	FE056798.D	13 Nov 2025 02:56	surrogate fail low	YP\AJ	ReRun
39	Q3584-03	Q3584-03	FE056799.D	13 Nov 2025 03:27	surrogate fail low	YP\AJ	ReRun
40	I.BLK	I.BLK	FE056800.D	13 Nov 2025 04:27		YP\AJ	Ok
41	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056801.D	13 Nov 2025 04:57		YP\AJ	Ok
42	PB170496BL	PB170496BL	FE056802.D	13 Nov 2025 05:58		YP\AJ	Ok
43	PB170496BS	PB170496BS	FE056803.D	13 Nov 2025 06:28		YP\AJ	Ok,M
44	PB170496BSD	PB170496BSD	FE056804.D	13 Nov 2025 06:58		YP\AJ	Ok,M
45	I.BLK	I.BLK	FE056805.D	13 Nov 2025 07:28		YP\AJ	Ok
46	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056806.D	13 Nov 2025 07:58		YP\AJ	Ok,M

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM		
SubDirectory	FF102925AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016609.D	29 Oct 2025 13:36		YP\AJ	Ok
2	I.BLK	I.BLK	FF016610.D	29 Oct 2025 14:05		YP\AJ	Ok
3	100 PPM AROMATIC H	100 PPM AROMATIC H	FF016611.D	29 Oct 2025 14:35		YP\AJ	Not Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF016612.D	29 Oct 2025 15:04		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016613.D	29 Oct 2025 15:34		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF016614.D	29 Oct 2025 16:03		YP\AJ	Ok
7	100 PPM AROMATIC H	100 PPM AROMATIC H	FF016615.D	29 Oct 2025 17:02		YP\AJ	Ok
8	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF016616.D	29 Oct 2025 18:07		YP\AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016617.D	29 Oct 2025 19:06		YP\AJ	Ok
10	I.BLK	I.BLK	FF016618.D	29 Oct 2025 20:05		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016619.D	29 Oct 2025 20:34		YP\AJ	Ok

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Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF111225AR

Review By	rahul	Review On	11/19/2025 2:39:14 PM		
Supervise By	Sohil	Supervise On	11/19/2025 3:27:27 PM		
SubDirectory	FF111225AR	HP Acquire Method		HP Processing Method	FF102925AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959
CCC	PP24961
Internal Standard/PEM	
ICV/I.BLK	PP24955,PP24960
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016654.D	12 Nov 2025 07:47		YP\AJ	Ok
2	I.BLK	I.BLK	FF016655.D	12 Nov 2025 12:16		YP\AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016656.D	12 Nov 2025 13:15		YP\AJ	Ok
4	PB170496BL	PB170496BL	FF016657.D	12 Nov 2025 15:13		YP\AJ	Ok
5	PB170496BS	PB170496BS	FF016658.D	12 Nov 2025 15:49		YP\AJ	Ok
6	PB170496BSD	PB170496BSD	FF016659.D	12 Nov 2025 16:26		YP\AJ	Ok
7	Q3584-01	SW-1	FF016660.D	12 Nov 2025 16:55		YP\AJ	Ok
8	Q3584-02	SW-2	FF016661.D	12 Nov 2025 17:25		YP\AJ	Ok
9	Q3584-03	SW-3	FF016662.D	12 Nov 2025 17:54		YP\AJ	Ok
10	I.BLK	I.BLK	FF016663.D	12 Nov 2025 18:53		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016664.D	12 Nov 2025 19:23		YP\AJ	Ok

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM		
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM		
SubDirectory	FG102925AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016845.D	29 Oct 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016846.D	29 Oct 2025 13:36		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016847.D	29 Oct 2025 14:05		YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016848.D	29 Oct 2025 14:35		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016849.D	29 Oct 2025 15:04		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016850.D	29 Oct 2025 15:34		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016851.D	29 Oct 2025 16:03		YP\AJ	Ok
8	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016852.D	29 Oct 2025 16:33		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016853.D	29 Oct 2025 17:32		YP\AJ	Ok
10	I.BLK	I.BLK	FG016854.D	29 Oct 2025 19:35		YP\AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016855.D	29 Oct 2025 20:05		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM		
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM		
SubDirectory	FG111325AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016901.D	13 Nov 2025 08:08		YP\AJ	Ok
2	I.BLK	I.BLK	FG016902.D	13 Nov 2025 08:37		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016903.D	13 Nov 2025 09:06		YP\AJ	Ok
4	Q3601-09DL	TP-3DL	FG016904.D	13 Nov 2025 10:22	not required	YP\AJ	Not Ok
5	Q3601-10DL	TP-3-EPHDL	FG016905.D	13 Nov 2025 10:58	not required	YP\AJ	Not Ok
6	I.BLK	I.BLK	FG016906.D	13 Nov 2025 11:27		YP\AJ	Ok
7	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016907.D	13 Nov 2025 11:57		YP\AJ	Ok
8	Q3584-01	SW-1	FG016908.D	13 Nov 2025 12:38		YP\AJ	Ok
9	Q3584-02	SW-2	FG016909.D	13 Nov 2025 13:08		YP\AJ	Ok
10	Q3584-03	SW-3	FG016910.D	13 Nov 2025 13:37		YP\AJ	Ok
11	I.BLK	I.BLK	FG016911.D	13 Nov 2025 14:07		YP\AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016912.D	13 Nov 2025 14:36		YP\AJ	Ok
13	PB170529BL	PB170529BL	FG016913.D	13 Nov 2025 15:05		YP\AJ	Ok
14	PB170529BS	PB170529BS	FG016914.D	13 Nov 2025 15:35		YP\AJ	Ok
15	PB170529BSD	PB170529BSD	FG016915.D	13 Nov 2025 16:04		YP\AJ	Ok
16	Q3611-11	AU-713-11	FG016916.D	13 Nov 2025 16:34		YP\AJ	Ok
17	Q3611-11D	Q3611-11D	FG016917.D	13 Nov 2025 17:03		YP\AJ	Ok
18	Q3611-11MS	AU-713-11MS	FG016918.D	13 Nov 2025 17:33	FG016916.D	YP\AJ	Ok

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Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QCBatch ID # FG111325AL

Review By	rahul	Review On	11/14/2025 12:58:56 PM		
Supervise By	Sohil	Supervise On	11/14/2025 4:14:57 PM		
SubDirectory	FG111325AL	HP Acquire Method		HP Processing Method	FG102925AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3611-11MSD	AU-713-11MSD	FG016919.D	13 Nov 2025 18:02	FG016916.D!FG016918.D	YP\AJ	Ok
20	Q3611-12	AU-713-12	FG016920.D	13 Nov 2025 18:32		YP\AJ	Ok
21	I.BLK	I.BLK	FG016921.D	13 Nov 2025 19:31		YP\AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016922.D	13 Nov 2025 20:00		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170496

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	11/12/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	11/12/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	14:40
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	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
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
6N HCL	N/A	EP2635
EPH Cartridge	N/A	E3970
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:

1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/12/25	RS (Ext-lab)	Y-P.PATHAK.
14:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170496

Analytical Method: MNJDEP-EPH-8

Concentration Date: 11/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170496BL	PB170496BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-1
PB170496BS	PB170496BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB170496BSD	PB170496BSD	EPH	1000	<2	RUPESH	ritesh	2			3
Q3584-01	SW-1	EPH	990	<2	RUPESH	ritesh	2	K		4
Q3584-02	SW-2	EPH	1000	<2	RUPESH	ritesh	2	K		5
Q3584-03	SW-3	EPH	1000	<2	RUPESH	ritesh	2	K		6

RS
11/12

* **Extracts relinguished on the same date as received.**

170h96
8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3584EPH **WorkList ID :** 193062 **Department :** Extraction **Date :** 11-12-2025 08:33:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-01	SW-1	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/06/2025	NJEPH
Q3584-02	SW-2	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/07/2025	NJEPH
Q3584-03	SW-3	Water	EPH	1:1 HCl to pH < 2	REMI02	D41	11/07/2025	NJEPH

Date/Time 11/12/25 8:35

Raw Sample Received by: RS (Ext-Lab)

Raw Sample Relinquished by:

Date/Time 11/12/25 9:00

Raw Sample Received by:

Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-02	**SW-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-03	**SW-3**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
			EPH	NJEPH		11/12/25	11/12/25	
			EPH	NJEPH		11/12/25	11/13/25	
Q3584-04	**EB-2**	**WATER**			**11/06/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-05	**FB-2**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	
Q3584-07	**SEEP-1**	**WATER**			**11/07/25**			**11/07/25**
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3584 **Order ID:** Q3584

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SW-1								
Q3584-01	SW-1	Water	Aluminum	949		5.67	50.0	ug/L
Q3584-01	SW-1	Water	Barium	45.2	J	7.28	50.0	ug/L
Q3584-01	SW-1	Water	Calcium	39000		117	1000	ug/L
Q3584-01	SW-1	Water	Chromium	2.86	J	1.06	5.00	ug/L
Q3584-01	SW-1	Water	Copper	4.75	J	2.30	10.0	ug/L
Q3584-01	SW-1	Water	Iron	1670		11.7	50.0	ug/L
Q3584-01	SW-1	Water	Lead	4.09	J	1.15	6.00	ug/L
Q3584-01	SW-1	Water	Magnesium	54100		122	1000	ug/L
Q3584-01	SW-1	Water	Manganese	102		2.97	10.0	ug/L
Q3584-01	SW-1	Water	Nickel	2.54	J	1.53	20.0	ug/L
Q3584-01	SW-1	Water	Potassium	20000		459	1000	ug/L
Q3584-01	SW-1	Water	Sodium	446000		434	1000	ug/L
Q3584-01	SW-1	Water	Thallium	3.18	J	2.19	20.0	ug/L
Q3584-01	SW-1	Water	Zinc	13.2	J	8.33	20.0	ug/L
Client ID : SW-2								
Q3584-02	SW-2	Water	Aluminum	548		5.67	50.0	ug/L
Q3584-02	SW-2	Water	Arsenic	8.83	J	2.56	10.0	ug/L
Q3584-02	SW-2	Water	Barium	28.7	J	7.28	50.0	ug/L
Q3584-02	SW-2	Water	Calcium	153000		117	1000	ug/L
Q3584-02	SW-2	Water	Chromium	1.72	J	1.06	5.00	ug/L
Q3584-02	SW-2	Water	Copper	3.05	J	2.30	10.0	ug/L
Q3584-02	SW-2	Water	Iron	1050		11.7	50.0	ug/L
Q3584-02	SW-2	Water	Magnesium	459000		122	1000	ug/L
Q3584-02	SW-2	Water	Manganese	75.3		2.97	10.0	ug/L
Q3584-02	SW-2	Water	Nickel	2.54	J	1.53	20.0	ug/L
Q3584-02	SW-2	Water	Potassium	218000		459	1000	ug/L
Q3584-02	SW-2	Water	Sodium	4290000	D	4340	10000	ug/L
Q3584-02	SW-2	Water	Thallium	9.13	J	2.19	20.0	ug/L
Q3584-02	SW-2	Water	Vanadium	4.45	J	3.13	20.0	ug/L
Q3584-02	SW-2	Water	Zinc	14.4	J	8.33	20.0	ug/L
Client ID : SW-3								
Q3584-03	SW-3	Water	Aluminum	1420		5.67	50.0	ug/L
Q3584-03	SW-3	Water	Arsenic	4.20	J	2.56	10.0	ug/L
Q3584-03	SW-3	Water	Barium	35.2	J	7.28	50.0	ug/L
Q3584-03	SW-3	Water	Calcium	144000		117	1000	ug/L
Q3584-03	SW-3	Water	Chromium	3.53	J	1.06	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3584 **Order ID:** Q3584

Client: Remington & Vernick Engineers **Project ID:** Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3584-03	SW-3	Water	Copper	5.77	J	2.30	10.0	ug/L
Q3584-03	SW-3	Water	Iron	2200		11.7	50.0	ug/L
Q3584-03	SW-3	Water	Lead	4.76	J	1.15	6.00	ug/L
Q3584-03	SW-3	Water	Magnesium	424000		122	1000	ug/L
Q3584-03	SW-3	Water	Manganese	85.5		2.97	10.0	ug/L
Q3584-03	SW-3	Water	Nickel	3.10	J	1.53	20.0	ug/L
Q3584-03	SW-3	Water	Potassium	199000		459	1000	ug/L
Q3584-03	SW-3	Water	Sodium	3910000	D	4340	10000	ug/L
Q3584-03	SW-3	Water	Thallium	3.87	J	2.19	20.0	ug/L
Q3584-03	SW-3	Water	Zinc	22.1		8.33	20.0	ug/L
Client ID :	**EB-2**							
Q3584-04	EB-2	Water	Iron	18.2	J	11.7	50.0	ug/L
Q3584-04	EB-2	Water	Sodium	960	J	434	1000	ug/L
Q3584-04	EB-2	Water	Vanadium	6.18	J	3.13	20.0	ug/L
Client ID :	**FB-2**							
Q3584-05	FB-2	Water	Aluminum	13.6	J	5.67	50.0	ug/L
Client ID :	**SEEP-1**							
Q3584-07	SEEP-1	Water	Aluminum	53300	D	56.7	500	ug/L
Q3584-07	SEEP-1	Water	Arsenic	121	D	25.6	100	ug/L
Q3584-07	SEEP-1	Water	Barium	12800	D	72.8	500	ug/L
Q3584-07	SEEP-1	Water	Beryllium	21.7	JD	2.80	30.0	ug/L
Q3584-07	SEEP-1	Water	Calcium	1290000	D	1170	10000	ug/L
Q3584-07	SEEP-1	Water	Chromium	126	D	10.6	50.0	ug/L
Q3584-07	SEEP-1	Water	Cobalt	77.8	JD	11.3	150	ug/L
Q3584-07	SEEP-1	Water	Copper	850	D	23.0	100	ug/L
Q3584-07	SEEP-1	Water	Iron	1610000	D	117	500	ug/L
Q3584-07	SEEP-1	Water	Lead	272	D	11.5	60.0	ug/L
Q3584-07	SEEP-1	Water	Magnesium	135000	D	1220	10000	ug/L
Q3584-07	SEEP-1	Water	Manganese	16500	D	29.7	100	ug/L
Q3584-07	SEEP-1	Water	Mercury	38.2	D	0.76	2.00	ug/L
Q3584-07	SEEP-1	Water	Nickel	168	JD	15.3	200	ug/L
Q3584-07	SEEP-1	Water	Potassium	121000	D	4590	10000	ug/L
Q3584-07	SEEP-1	Water	Silver	235	D	8.10	50.0	ug/L
Q3584-07	SEEP-1	Water	Sodium	285000	D	4340	10000	ug/L
Q3584-07	SEEP-1	Water	Vanadium	324	D	31.3	200	ug/L
Q3584-07	SEEP-1	Water	Zinc	1380	D	83.3	200	ug/L

SAMPLE DATA

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:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	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	949		1	5.67	50.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-38-2	Arsenic	2.56	UN	1	2.56	10.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-39-3	Barium	45.2	J	1	7.28	50.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-70-2	Calcium	39000		1	117	1000	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-47-3	Chromium	2.86	J	1	1.06	5.00	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-50-8	Copper	4.75	J	1	2.30	10.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7439-89-6	Iron	1670	N	1	11.7	50.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7439-92-1	Lead	4.09	J	1	1.15	6.00	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7439-95-4	Magnesium	54100		1	122	1000	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7439-96-5	Manganese	102		1	2.97	10.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 14:59	7470A	M7470A
7440-02-0	Nickel	2.54	J	1	1.53	20.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-09-7	Potassium	20000		1	459	1000	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-23-5	Sodium	446000		1	434	1000	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-28-0	Thallium	3.18	JN	1	2.19	20.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A
7440-66-6	Zinc	13.2	JN	1	8.33	20.0	ug/L	11/10/25 10:40	11/10/25 21:15	6010D	M3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	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	548		1	5.67	50.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-38-2	Arsenic	8.83	JN	1	2.56	10.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-39-3	Barium	28.7	J	1	7.28	50.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-70-2	Calcium	153000		1	117	1000	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-47-3	Chromium	1.72	J	1	1.06	5.00	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-50-8	Copper	3.05	J	1	2.30	10.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7439-89-6	Iron	1050	N	1	11.7	50.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7439-95-4	Magnesium	459000		1	122	1000	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7439-96-5	Manganese	75.3		1	2.97	10.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 15:13	7470A	M7470A
7440-02-0	Nickel	2.54	J	1	1.53	20.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-09-7	Potassium	218000		1	459	1000	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-23-5	Sodium	4290000	D	10	4340	10000	ug/L	11/10/25 10:40	11/10/25 22:51	6010D	M3010A
7440-28-0	Thallium	9.13	JN	1	2.19	20.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-62-2	Vanadium	4.45	J	1	3.13	20.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A
7440-66-6	Zinc	14.4	JN	1	8.33	20.0	ug/L	11/10/25 10:40	11/10/25 21:20	6010D	M3010A

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N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	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	1420		1	5.67	50.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-38-2	Arsenic	4.20	JN	1	2.56	10.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-39-3	Barium	35.2	J	1	7.28	50.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-70-2	Calcium	144000		1	117	1000	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-47-3	Chromium	3.53	J	1	1.06	5.00	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-50-8	Copper	5.77	J	1	2.30	10.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7439-89-6	Iron	2200	N	1	11.7	50.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7439-92-1	Lead	4.76	J	1	1.15	6.00	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7439-95-4	Magnesium	424000		1	122	1000	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7439-96-5	Manganese	85.5		1	2.97	10.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 15:15	7470A	M7470A
7440-02-0	Nickel	3.10	J	1	1.53	20.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-09-7	Potassium	199000		1	459	1000	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-23-5	Sodium	3910000	D	10	4340	10000	ug/L	11/10/25 10:40	11/10/25 22:55	6010D	M3010A
7440-28-0	Thallium	3.87	JN	1	2.19	20.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A
7440-66-6	Zinc	22.1	N	1	8.33	20.0	ug/L	11/10/25 10:40	11/10/25 21:46	6010D	M3010A

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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:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	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	5.67	U	1	5.67	50.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-38-2	Arsenic	2.56	UN	1	2.56	10.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-70-2	Calcium	117	U	1	117	1000	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7439-89-6	Iron	18.2	JN	1	11.7	50.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	11/11/25 11:15	11/12/25 09:45	7470A	M7470A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-09-7	Potassium	459	U	1	459	1000	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-23-5	Sodium	960	J	1	434	1000	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-62-2	Vanadium	6.18	J	1	3.13	20.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A
7440-66-6	Zinc	8.33	UN	1	8.33	20.0	ug/L	11/10/25 10:40	11/10/25 22:12	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	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	13.6	J	1	5.67	50.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-36-0	Antimony	3.38	UN	1	3.38	25.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-38-2	Arsenic	2.56	UN	1	2.56	10.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-70-2	Calcium	117	U	1	117	1000	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7439-89-6	Iron	11.7	UN	1	11.7	50.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7439-95-4	Magnesium	122	U	1	122	1000	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 15:17	7470A	M7470A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-09-7	Potassium	459	U	1	459	1000	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-28-0	Thallium	2.19	UN	1	2.19	20.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A
7440-66-6	Zinc	8.33	UN	1	8.33	20.0	ug/L	11/10/25 10:40	11/10/25 22:16	6010D	M3010A

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	53300	D	10	56.7	500	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-36-0	Antimony	33.8	UDN	10	33.8	250	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-38-2	Arsenic	121	DN	10	25.6	100	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-39-3	Barium	12800	D	10	72.8	500	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-41-7	Beryllium	21.7	JD	10	2.80	30.0	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-43-9	Cadmium	2.50	UD	10	2.50	30.0	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-70-2	Calcium	1290000	D	10	1170	10000	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-47-3	Chromium	126	D	10	10.6	50.0	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-48-4	Cobalt	77.8	JD	10	11.3	150	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-50-8	Copper	850	D	10	23.0	100	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7439-89-6	Iron	1610000	DN	10	117	500	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7439-92-1	Lead	272	D	10	11.5	60.0	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7439-95-4	Magnesium	135000	D	10	1220	10000	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7439-96-5	Manganese	16500	D	10	29.7	100	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7439-97-6	Mercury	38.2	DN	10	0.76	2.00	ug/L	11/10/25 07:40	11/12/25 11:42	7470A	M7470A
7440-02-0	Nickel	168	JD	10	15.3	200	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-09-7	Potassium	121000	D	10	4590	10000	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7782-49-2	Selenium	48.2	UD	10	48.2	100	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-22-4	Silver	235	DN	10	8.10	50.0	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-23-5	Sodium	285000	D	10	4340	10000	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-28-0	Thallium	21.9	UDN	10	21.9	200	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-62-2	Vanadium	324	D	10	31.3	200	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A
7440-66-6	Zinc	1380	DN	10	83.3	200	ug/L	11/10/25 10:40	11/10/25 22:20	6010D	M3010A

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB108	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:32	LB137835

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:36	LB137835
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	15:04	LB137835
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	08:38	LB137835

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB110	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	09:24	LB137860

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	09:29	LB137860
CCB62	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	10:02	LB137860
CCB63	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	10:29	LB137860
CCB64	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	10:56	LB137860
CCB65	Mercury	0.076	+/-0.2	U	0.20	CV	11/12/2025	11:48	LB137860

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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Fax : 908 789 8922

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

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.:** Q3584

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.:** Q3584

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	32.3	+/-50	J	100	P	11/17/2025	13:31	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	13:31	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	13:31	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	13:31	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	13:31	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	13:31	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	13:31	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	13:31	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	13:31	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	13:31	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	13:31	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	13:31	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	13:31	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	13:31	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	13:31	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	13:31	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	13:31	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	13:31	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	13:31	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	14:01	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	14:01	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	14:01	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	14:01	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	14:01	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	14:01	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	14:01	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	14:01	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	14:01	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	14:01	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	14:01	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	14:01	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	14:01	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	14:01	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	14:01	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	14:01	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	14:01	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	14:01	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	14:01	LB137929
CCB02	Aluminum	11.3	+/-50	U	100	P	11/17/2025	14:51	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	14:51	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	14:51	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	14:51	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	14:51	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	14:51	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	14:51	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	14:51	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	14:51	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	14:51	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	14:51	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	14:51	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	14:51	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	14:51	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	14:51	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	14:51	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	14:51	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	14:51	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	14:51	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	14:51	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	14:51	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	14:51	LB137929
CCB03	Aluminum	11.9	+/-50	J	100	P	11/17/2025	15:48	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	15:48	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	15:48	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	15:48	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	15:48	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	15:48	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	15:48	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	15:48	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	15:48	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	15:48	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	15:48	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	15:48	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	15:48	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	15:48	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	15:48	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	15:48	LB137929
	Thallium	5.14	+/-20	J	40.0	P	11/17/2025	15:48	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	15:48	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	15:48	LB137929
CCB04	Aluminum	11.3	+/-50	U	100	P	11/17/2025	16:38	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	16:38	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	16:38	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	16:38	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	16:38	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	16:38	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	16:38	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	16:38	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	16:38	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	16:38	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	16:38	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	16:38	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	16:38	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	16:38	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	16:38	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	16:38	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	16:38	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	16:38	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	16:38	LB137929
CCB05	Aluminum	11.3	+/-50	U	100	P	11/17/2025	17:28	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	17:28	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	17:28	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	17:28	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	17:28	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	17:28	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	17:28	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	17:28	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	17:28	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	17:28	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	17:28	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	17:28	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	17:28	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	17:28	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	17:28	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	17:28	LB137929
	Thallium	5.18	+/-20	J	40.0	P	11/17/2025	17:28	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	17:28	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	17:28	LB137929
CCB06	Aluminum	11.3	+/-50	U	100	P	11/17/2025	18:19	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	18:19	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	18:19	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	18:19	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	18:19	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	18:19	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	18:19	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	18:19	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	18:19	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	18:19	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	18:19	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	18:19	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	18:19	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	18:19	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	18:19	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	18:19	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	18:19	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	18:19	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	18:19	LB137929
CCB07	Aluminum	11.3	+/-50	U	100	P	11/17/2025	19:11	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	19:11	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	19:11	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	19:11	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	19:11	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	19:11	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	19:11	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	19:11	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	19:11	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	19:11	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	19:11	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	19:11	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	19:11	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	19:11	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	19:11	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	19:11	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	19:11	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	19:11	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	19:11	LB137929
CCB08	Aluminum	11.3	+/-50	U	100	P	11/17/2025	19:28	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	19:28	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	19:28	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	19:28	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	19:28	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	19:28	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	19:28	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	19:28	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	19:28	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	19:28	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	19:28	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	19:28	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	19:28	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	19:28	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	19:28	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	19:28	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	19:28	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	19:28	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	19:28	LB137929
	Thallium	4.38	+/-20	U	40.0	P	11/17/2025	19:28	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	19:28	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	19:28	LB137929
CCB09	Aluminum	11.3	+/-50	U	100	P	11/17/2025	20:02	LB137929
	Antimony	6.76	+/-25	U	50.0	P	11/17/2025	20:02	LB137929
	Arsenic	5.12	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Barium	14.6	+/-50	U	100	P	11/17/2025	20:02	LB137929
	Beryllium	0.56	+/-3	U	6.00	P	11/17/2025	20:02	LB137929
	Cadmium	0.50	+/-3	U	6.00	P	11/17/2025	20:02	LB137929
	Calcium	234	+/-1000	U	2000	P	11/17/2025	20:02	LB137929
	Chromium	2.12	+/-5	U	10.0	P	11/17/2025	20:02	LB137929
	Cobalt	2.26	+/-15	U	30.0	P	11/17/2025	20:02	LB137929
	Copper	4.60	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Iron	23.4	+/-50	U	100	P	11/17/2025	20:02	LB137929
	Lead	2.30	+/-6	U	12.0	P	11/17/2025	20:02	LB137929
	Magnesium	244	+/-1000	U	2000	P	11/17/2025	20:02	LB137929
	Manganese	5.94	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Nickel	3.06	+/-20	U	40.0	P	11/17/2025	20:02	LB137929
	Potassium	918	+/-1000	U	2000	P	11/17/2025	20:02	LB137929
	Selenium	9.64	+/-10	U	20.0	P	11/17/2025	20:02	LB137929
	Silver	1.62	+/-5	U	10.0	P	11/17/2025	20:02	LB137929
	Sodium	868	+/-1000	U	2000	P	11/17/2025	20:02	LB137929

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	20:02	LB137929
	Vanadium	6.26	+/-20	U	40.0	P	11/17/2025	20:02	LB137929
	Zinc	16.7	+/-20	U	40.0	P	11/17/2025	20:02	LB137929

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170468BL		**WATER**		**Batch Number:**	**PB170468**		**Prep Date:**	**11/10/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/10/2025	14:45	LB137835

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170487BL		**WATER**		**Batch Number:**	**PB170487**		**Prep Date:**	**11/11/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/12/2025	09:38	LB137860

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170459BL		**WATER**		**Batch Number:**	**PB170459**		**Prep Date:**	**11/10/2025**	
	Aluminum	5.67	<25	U	50.0	P	11/17/2025	14:05	LB137929
	Antimony	3.38	<12.5	U	25.0	P	11/17/2025	14:05	LB137929
	Arsenic	2.56	<5	U	10.0	P	11/17/2025	14:05	LB137929
	Barium	7.28	<25	U	50.0	P	11/17/2025	14:05	LB137929
	Beryllium	0.28	<1.5	U	3.00	P	11/17/2025	14:05	LB137929
	Cadmium	0.25	<1.5	U	3.00	P	11/17/2025	14:05	LB137929
	Calcium	117	<500	U	1000	P	11/17/2025	14:05	LB137929
	Chromium	1.06	<2.5	U	5.00	P	11/17/2025	14:05	LB137929
	Cobalt	1.13	<7.5	U	15.0	P	11/17/2025	14:05	LB137929
	Copper	2.30	<5	U	10.0	P	11/17/2025	14:05	LB137929
	Iron	11.7	<25	U	50.0	P	11/17/2025	14:05	LB137929
	Lead	1.15	<3	U	6.00	P	11/17/2025	14:05	LB137929
	Magnesium	122	<500	U	1000	P	11/17/2025	14:05	LB137929
	Manganese	2.97	<5	U	10.0	P	11/17/2025	14:05	LB137929
	Nickel	1.53	<10	U	20.0	P	11/17/2025	14:05	LB137929
	Potassium	459	<500	U	1000	P	11/17/2025	14:05	LB137929
	Selenium	4.82	<5	U	10.0	P	11/17/2025	14:05	LB137929
	Silver	0.81	<2.5	U	5.00	P	11/17/2025	14:05	LB137929
	Sodium	434	<500	U	1000	P	11/17/2025	14:05	LB137929
	Thallium	2.19	<10	U	20.0	P	11/17/2025	14:05	LB137929
	Vanadium	3.13	<10	U	20.0	P	11/17/2025	14:05	LB137929
	Zinc	8.33	<10	U	20.0	P	11/17/2025	14:05	LB137929

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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
ICV108	Mercury	3.86	4.0	96	90 - 110	CV	11/10/2025	14:29	LB137835

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3584
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
CCV53	Mercury	4.97	5.0	99	90 - 110	CV	11/10/2025	14:34	LB137835
CCV54	Mercury	4.77	5.0	95	90 - 110	CV	11/10/2025	15:01	LB137835
CCV55	Mercury	5.05	5.0	101	90 - 110	CV	11/11/2025	08:36	LB137835

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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
ICV110	Mercury	3.81	4.0	95	90 - 110	CV	11/12/2025	09:22	LB137860

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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3584
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
CCV61	Mercury	4.90	5.0	98	90 - 110	CV	11/12/2025	09:27	LB137860
CCV62	Mercury	5.07	5.0	102	90 - 110	CV	11/12/2025	10:00	LB137860
CCV63	Mercury	5.19	5.0	104	90 - 110	CV	11/12/2025	10:27	LB137860
CCV64	Mercury	5.38	5.0	108	90 - 110	CV	11/12/2025	10:54	LB137860
CCV65	Mercury	5.14	5.0	103	90 - 110	CV	11/12/2025	11:45	LB137860

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3584
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.: Q3584
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.:** Q3584

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.:** Q3584

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.: Q3584
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

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.:** Q3584

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.: Q3584
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	13:23	LB137929
	Antimony	4010	4000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Arsenic	3890	4000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Barium	7960	8000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Beryllium	200	200	100	90 - 110	P	11/17/2025	13:23	LB137929
	Cadmium	1940	2000	97	90 - 110	P	11/17/2025	13:23	LB137929
	Calcium	19700	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Chromium	814	800	102	90 - 110	P	11/17/2025	13:23	LB137929
	Cobalt	1990	2000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Copper	1020	1000	102	90 - 110	P	11/17/2025	13:23	LB137929
	Iron	4000	4000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Lead	3830	4000	96	90 - 110	P	11/17/2025	13:23	LB137929
	Magnesium	19800	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Manganese	2010	2000	101	90 - 110	P	11/17/2025	13:23	LB137929
	Nickel	1990	2000	100	90 - 110	P	11/17/2025	13:23	LB137929
	Potassium	19500	20000	98	90 - 110	P	11/17/2025	13:23	LB137929
	Selenium	3930	4000	98	90 - 110	P	11/17/2025	13:23	LB137929
	Silver	957	1000	96	90 - 110	P	11/17/2025	13:23	LB137929
	Sodium	19800	20000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Thallium	3800	4000	95	90 - 110	P	11/17/2025	13:23	LB137929
	Vanadium	1990	2000	99	90 - 110	P	11/17/2025	13:23	LB137929
	Zinc	2000	2000	100	90 - 110	P	11/17/2025	13:23	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3584
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	10100	10000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Antimony	5040	5000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Beryllium	251	250	100	90 - 110	P	11/17/2025	13:57	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	13:57	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	13:57	LB137929
	Cobalt	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Copper	1270	1250	102	90 - 110	P	11/17/2025	13:57	LB137929
	Iron	5100	5000	102	90 - 110	P	11/17/2025	13:57	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Magnesium	25100	25000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	13:57	LB137929
	Nickel	2510	2500	100	90 - 110	P	11/17/2025	13:57	LB137929
	Potassium	24800	25000	99	90 - 110	P	11/17/2025	13:57	LB137929
	Selenium	5010	5000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Silver	1260	1250	101	90 - 110	P	11/17/2025	13:57	LB137929
	Sodium	25000	25000	100	90 - 110	P	11/17/2025	13:57	LB137929
	Thallium	4900	5000	98	90 - 110	P	11/17/2025	13:57	LB137929
	Vanadium	2510	2500	101	90 - 110	P	11/17/2025	13:57	LB137929
	Zinc	2540	2500	102	90 - 110	P	11/17/2025	13:57	LB137929
CCV02	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Antimony	5140	5000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Arsenic	5120	5000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Barium	10100	10000	101	90 - 110	P	11/17/2025	14:47	LB137929
	Beryllium	253	250	101	90 - 110	P	11/17/2025	14:47	LB137929
	Cadmium	2540	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	14:47	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Cobalt	2540	2500	101	90 - 110	P	11/17/2025	14:47	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	14:47	LB137929
	Iron	5180	5000	104	90 - 110	P	11/17/2025	14:47	LB137929
	Lead	5080	5000	102	90 - 110	P	11/17/2025	14:47	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	25100	25000	100	90 - 110	P	11/17/2025	14:47	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Nickel	2540	2500	102	90 - 110	P	11/17/2025	14:47	LB137929
	Potassium	25400	25000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Selenium	5170	5000	103	90 - 110	P	11/17/2025	14:47	LB137929
	Silver	1280	1250	102	90 - 110	P	11/17/2025	14:47	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	14:47	LB137929
	Thallium	4970	5000	99	90 - 110	P	11/17/2025	14:47	LB137929
	Vanadium	2520	2500	101	90 - 110	P	11/17/2025	14:47	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	14:47	LB137929
CCV03	Aluminum	9640	10000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Antimony	4840	5000	97	90 - 110	P	11/17/2025	15:44	LB137929
	Arsenic	4790	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Barium	9720	10000	97	90 - 110	P	11/17/2025	15:44	LB137929
	Beryllium	242	250	97	90 - 110	P	11/17/2025	15:44	LB137929
	Cadmium	2370	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
	Calcium	24000	25000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Chromium	948	1000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Cobalt	2390	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Copper	1210	1250	97	90 - 110	P	11/17/2025	15:44	LB137929
	Iron	4740	5000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Lead	4750	5000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Magnesium	23800	25000	95	90 - 110	P	11/17/2025	15:44	LB137929
	Manganese	2400	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Nickel	2380	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
	Potassium	23200	25000	93	90 - 110	P	11/17/2025	15:44	LB137929
	Selenium	4800	5000	96	90 - 110	P	11/17/2025	15:44	LB137929
	Silver	1190	1250	95	90 - 110	P	11/17/2025	15:44	LB137929
	Sodium	23200	25000	93	90 - 110	P	11/17/2025	15:44	LB137929
	Thallium	4520	5000	90	90 - 110	P	11/17/2025	15:44	LB137929
	Vanadium	2400	2500	96	90 - 110	P	11/17/2025	15:44	LB137929
	Zinc	2390	2500	95	90 - 110	P	11/17/2025	15:44	LB137929
CCV04	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Antimony	5160	5000	103	90 - 110	P	11/17/2025	16:34	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	11/17/2025	16:34	LB137929
	Barium	10000	10000	100	90 - 110	P	11/17/2025	16:34	LB137929
	Beryllium	254	250	102	90 - 110	P	11/17/2025	16:34	LB137929
	Cadmium	2510	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Calcium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Chromium	1020	1000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Cobalt	2530	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	16:34	LB137929
	Iron	5130	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Lead	5030	5000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Magnesium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Manganese	2560	2500	102	90 - 110	P	11/17/2025	16:34	LB137929
	Nickel	2520	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Potassium	25200	25000	101	90 - 110	P	11/17/2025	16:34	LB137929
	Selenium	5160	5000	103	90 - 110	P	11/17/2025	16:34	LB137929
	Silver	1280	1250	103	90 - 110	P	11/17/2025	16:34	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	16:34	LB137929
	Thallium	5180	5000	104	90 - 110	P	11/17/2025	16:34	LB137929
	Vanadium	2530	2500	101	90 - 110	P	11/17/2025	16:34	LB137929
	Zinc	2610	2500	104	90 - 110	P	11/17/2025	16:34	LB137929
CCV05	Aluminum	10200	10000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Antimony	5150	5000	103	90 - 110	P	11/17/2025	17:24	LB137929
	Arsenic	5130	5000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Barium	9840	10000	98	90 - 110	P	11/17/2025	17:24	LB137929
	Beryllium	250	250	100	90 - 110	P	11/17/2025	17:24	LB137929
	Cadmium	2530	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Calcium	25000	25000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	17:24	LB137929
	Cobalt	2540	2500	102	90 - 110	P	11/17/2025	17:24	LB137929
	Copper	1290	1250	103	90 - 110	P	11/17/2025	17:24	LB137929
	Iron	4960	5000	99	90 - 110	P	11/17/2025	17:24	LB137929
	Lead	5020	5000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Magnesium	25000	25000	100	90 - 110	P	11/17/2025	17:24	LB137929
	Manganese	2580	2500	103	90 - 110	P	11/17/2025	17:24	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3584
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	2530	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Potassium	24300	25000	97	90 - 110	P	11/17/2025	17:24	LB137929
	Selenium	5110	5000	102	90 - 110	P	11/17/2025	17:24	LB137929
	Silver	1260	1250	101	90 - 110	P	11/17/2025	17:24	LB137929
	Sodium	24600	25000	99	90 - 110	P	11/17/2025	17:24	LB137929
	Thallium	5340	5000	107	90 - 110	P	11/17/2025	17:24	LB137929
	Vanadium	2520	2500	101	90 - 110	P	11/17/2025	17:24	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	17:24	LB137929
CCV06	Aluminum	9870	10000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Antimony	5040	5000	101	90 - 110	P	11/17/2025	18:15	LB137929
	Arsenic	5010	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Barium	9690	10000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Beryllium	244	250	98	90 - 110	P	11/17/2025	18:15	LB137929
	Cadmium	2450	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Calcium	24400	25000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Chromium	1000	1000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Cobalt	2470	2500	99	90 - 110	P	11/17/2025	18:15	LB137929
	Copper	1260	1250	101	90 - 110	P	11/17/2025	18:15	LB137929
	Iron	4940	5000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Lead	4890	5000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Magnesium	24300	25000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Manganese	2500	2500	100	90 - 110	P	11/17/2025	18:15	LB137929
	Nickel	2460	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Potassium	24100	25000	97	90 - 110	P	11/17/2025	18:15	LB137929
	Selenium	5020	5000	100	90 - 110	P	11/17/2025	18:15	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	18:15	LB137929
	Sodium	24500	25000	98	90 - 110	P	11/17/2025	18:15	LB137929
	Thallium	4960	5000	99	90 - 110	P	11/17/2025	18:15	LB137929
	Vanadium	2450	2500	98	90 - 110	P	11/17/2025	18:15	LB137929
	Zinc	2570	2500	103	90 - 110	P	11/17/2025	18:15	LB137929
CCV07	Aluminum	9850	10000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Antimony	4980	5000	100	90 - 110	P	11/17/2025	19:07	LB137929
	Arsenic	4980	5000	100	90 - 110	P	11/17/2025	19:07	LB137929
	Barium	9940	10000	99	90 - 110	P	11/17/2025	19:07	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	246	250	99	90 - 110	P	11/17/2025	19:07	LB137929
	Cadmium	2410	2500	96	90 - 110	P	11/17/2025	19:07	LB137929
	Calcium	24400	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Chromium	987	1000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Cobalt	2430	2500	97	90 - 110	P	11/17/2025	19:07	LB137929
	Copper	1260	1250	100	90 - 110	P	11/17/2025	19:07	LB137929
	Iron	4960	5000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Lead	4790	5000	96	90 - 110	P	11/17/2025	19:07	LB137929
	Magnesium	24100	25000	97	90 - 110	P	11/17/2025	19:07	LB137929
	Manganese	2450	2500	98	90 - 110	P	11/17/2025	19:07	LB137929
	Nickel	2420	2500	97	90 - 110	P	11/17/2025	19:07	LB137929
	Potassium	24500	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Selenium	4970	5000	99	90 - 110	P	11/17/2025	19:07	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:07	LB137929
	Sodium	24600	25000	98	90 - 110	P	11/17/2025	19:07	LB137929
	Thallium	4840	5000	97	90 - 110	P	11/17/2025	19:07	LB137929
	Vanadium	2440	2500	98	90 - 110	P	11/17/2025	19:07	LB137929
	Zinc	2580	2500	103	90 - 110	P	11/17/2025	19:07	LB137929
CCV08	Aluminum	10300	10000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Antimony	5180	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Arsenic	5170	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Barium	10200	10000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Beryllium	254	250	102	90 - 110	P	11/17/2025	19:24	LB137929
	Cadmium	2510	2500	100	90 - 110	P	11/17/2025	19:24	LB137929
	Calcium	25400	25000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Chromium	1030	1000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Cobalt	2530	2500	101	90 - 110	P	11/17/2025	19:24	LB137929
	Copper	1300	1250	104	90 - 110	P	11/17/2025	19:24	LB137929
	Iron	5130	5000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Lead	4990	5000	100	90 - 110	P	11/17/2025	19:24	LB137929
	Magnesium	25300	25000	101	90 - 110	P	11/17/2025	19:24	LB137929
	Manganese	2570	2500	103	90 - 110	P	11/17/2025	19:24	LB137929
	Nickel	2520	2500	101	90 - 110	P	11/17/2025	19:24	LB137929
	Potassium	25300	25000	101	90 - 110	P	11/17/2025	19:24	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	5180	5000	104	90 - 110	P	11/17/2025	19:24	LB137929
	Silver	1290	1250	103	90 - 110	P	11/17/2025	19:24	LB137929
	Sodium	25600	25000	102	90 - 110	P	11/17/2025	19:24	LB137929
	Thallium	5140	5000	103	90 - 110	P	11/17/2025	19:24	LB137929
	Vanadium	2550	2500	102	90 - 110	P	11/17/2025	19:24	LB137929
	Zinc	2660	2500	106	90 - 110	P	11/17/2025	19:24	LB137929
CCV09	Aluminum	9890	10000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Antimony	5200	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Arsenic	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Barium	9950	10000	100	90 - 110	P	11/17/2025	19:47	LB137929
	Beryllium	243	250	97	90 - 110	P	11/17/2025	19:47	LB137929
	Cadmium	2430	2500	97	90 - 110	P	11/17/2025	19:47	LB137929
	Calcium	24700	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Chromium	990	1000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Cobalt	2450	2500	98	90 - 110	P	11/17/2025	19:47	LB137929
	Copper	1280	1250	103	90 - 110	P	11/17/2025	19:47	LB137929
	Iron	5060	5000	101	90 - 110	P	11/17/2025	19:47	LB137929
	Lead	4900	5000	98	90 - 110	P	11/17/2025	19:47	LB137929
	Magnesium	24200	25000	97	90 - 110	P	11/17/2025	19:47	LB137929
	Manganese	2650	2500	106	90 - 110	P	11/17/2025	19:47	LB137929
	Nickel	2440	2500	98	90 - 110	P	11/17/2025	19:47	LB137929
	Potassium	24800	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Selenium	5220	5000	104	90 - 110	P	11/17/2025	19:47	LB137929
	Silver	1250	1250	100	90 - 110	P	11/17/2025	19:47	LB137929
	Sodium	24800	25000	99	90 - 110	P	11/17/2025	19:47	LB137929
	Thallium	5020	5000	100	90 - 110	P	11/17/2025	19:47	LB137929
	Vanadium	2470	2500	99	90 - 110	P	11/17/2025	19:47	LB137929
	Zinc	2620	2500	105	90 - 110	P	11/17/2025	19:47	LB137929

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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
LLCCV	Aluminum	120	100	120	80 - 120	P	11/17/2025	19:57	LB137929
	Antimony	55.6	50.0	111	80 - 120	P	11/17/2025	19:57	LB137929
	Arsenic	20.5	20.0	103	80 - 120	P	11/17/2025	19:57	LB137929
	Barium	102	100	102	80 - 120	P	11/17/2025	19:57	LB137929
	Beryllium	6.51	6.0	109	80 - 120	P	11/17/2025	19:57	LB137929
	Cadmium	6.08	6.0	101	80 - 120	P	11/17/2025	19:57	LB137929
	Calcium	2090	2000	104	80 - 120	P	11/17/2025	19:57	LB137929
	Chromium	10.4	10.0	104	80 - 120	P	11/17/2025	19:57	LB137929
	Cobalt	30.7	30.0	102	80 - 120	P	11/17/2025	19:57	LB137929
	Copper	22.6	20.0	113	80 - 120	P	11/17/2025	19:57	LB137929
	Iron	117	100	117	80 - 120	P	11/17/2025	19:57	LB137929
	Lead	14.3	12.0	119	80 - 120	P	11/17/2025	19:57	LB137929
	Magnesium	2190	2000	110	80 - 120	P	11/17/2025	19:57	LB137929
	Manganese	23.0	20.0	115	80 - 120	P	11/17/2025	19:57	LB137929
	Nickel	42.5	40.0	106	80 - 120	P	11/17/2025	19:57	LB137929
	Potassium	2060	2000	103	80 - 120	P	11/17/2025	19:57	LB137929
	Selenium	19.2	20.0	96	80 - 120	P	11/17/2025	19:57	LB137929
	Silver	11.9	10.0	119	80 - 120	P	11/17/2025	19:57	LB137929
	Sodium	1890	2000	94	80 - 120	P	11/17/2025	19:57	LB137929
	Thallium	39.0	40.0	97	80 - 120	P	11/17/2025	19:57	LB137929
	Vanadium	42.1	40.0	105	80 - 120	P	11/17/2025	19:57	LB137929
	Zinc	39.3	40.0	98	80 - 120	P	11/17/2025	19:57	LB137929

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Fax : 908 789 8922

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	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
	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
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/10/2025	14:39	LB137835
CRA	Mercury	0.21	0.2	106	70 - 130	CV	11/12/2025	09:31	LB137860
CRI01	Aluminum	117	100	118	65 - 135	P	11/17/2025	13:35	LB137929
	Antimony	53.9	50.0	108	65 - 135	P	11/17/2025	13:35	LB137929
	Arsenic	20.5	20.0	102	65 - 135	P	11/17/2025	13:35	LB137929
	Barium	104	100	104	65 - 135	P	11/17/2025	13:35	LB137929
	Beryllium	6.60	6.0	110	65 - 135	P	11/17/2025	13:35	LB137929
	Cadmium	6.08	6.0	101	65 - 135	P	11/17/2025	13:35	LB137929
	Calcium	2090	2000	104	65 - 135	P	11/17/2025	13:35	LB137929
	Chromium	10.4	10.0	104	65 - 135	P	11/17/2025	13:35	LB137929
	Cobalt	31.0	30.0	104	65 - 135	P	11/17/2025	13:35	LB137929
	Copper	22.4	20.0	112	65 - 135	P	11/17/2025	13:35	LB137929
	Iron	107	100	107	65 - 135	P	11/17/2025	13:35	LB137929

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	Lead	12.4	12.0	103	65 - 135	P	11/17/2025	13:35	LB137929
	Magnesium	2200	2000	110	65 - 135	P	11/17/2025	13:35	LB137929
	Manganese	21.8	20.0	109	65 - 135	P	11/17/2025	13:35	LB137929
	Nickel	42.9	40.0	107	65 - 135	P	11/17/2025	13:35	LB137929
	Potassium	1910	2000	96	65 - 135	P	11/17/2025	13:35	LB137929
	Selenium	22.9	20.0	115	65 - 135	P	11/17/2025	13:35	LB137929
	Silver	10.6	10.0	106	65 - 135	P	11/17/2025	13:35	LB137929
	Sodium	1840	2000	92	65 - 135	P	11/17/2025	13:35	LB137929
	Thallium	45.3	40.0	113	65 - 135	P	11/17/2025	13:35	LB137929
	Vanadium	42.4	40.0	106	65 - 135	P	11/17/2025	13:35	LB137929
	Zinc	43.8	40.0	110	65 - 135	P	11/17/2025	13:35	LB137929

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Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	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
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

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Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	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	11/17/2025	13:40	LB137929
	Antimony	-0.25			-50	50	11/17/2025	13:40	LB137929
	Arsenic	11.0			-20	20	11/17/2025	13:40	LB137929
	Barium	6.13	6.0	102	-94	106	11/17/2025	13:40	LB137929
	Beryllium	0.92			-6	6	11/17/2025	13:40	LB137929
	Cadmium	5.85	1.0	585	-5	7	11/17/2025	13:40	LB137929
	Calcium	239000	245000	98	208000	282000	11/17/2025	13:40	LB137929
	Chromium	51.1	52.0	98	42	62	11/17/2025	13:40	LB137929
	Cobalt	2.40			-30	30	11/17/2025	13:40	LB137929
	Copper	-17.2	2.0	860	-18	22	11/17/2025	13:40	LB137929
	Iron	96200	101000	95	85600	116500	11/17/2025	13:40	LB137929
	Lead	9.64			-12	12	11/17/2025	13:40	LB137929
	Magnesium	255000	255000	100	216000	294000	11/17/2025	13:40	LB137929
	Manganese	10.9	7.0	156	-13	27	11/17/2025	13:40	LB137929
	Nickel	5.91	2.0	296	-38	42	11/17/2025	13:40	LB137929
	Potassium	-16.1			0	0	11/17/2025	13:40	LB137929
	Selenium	8.91			-20	20	11/17/2025	13:40	LB137929
	Silver	-3.73			-10	10	11/17/2025	13:40	LB137929
	Sodium	-50.9			0	0	11/17/2025	13:40	LB137929
	Thallium	33.1			-40	40	11/17/2025	13:40	LB137929
	Vanadium	2.16			-40	40	11/17/2025	13:40	LB137929
	Zinc	6.79			-40	40	11/17/2025	13:40	LB137929
ICSAB01	Aluminum	249000	247000	101	209000	285000	11/17/2025	13:44	LB137929
	Antimony	592	618	96	525	711	11/17/2025	13:44	LB137929
	Arsenic	116	104	112	88.4	120	11/17/2025	13:44	LB137929
	Barium	494	537	92	437	637	11/17/2025	13:44	LB137929
	Beryllium	502	495	101	420	570	11/17/2025	13:44	LB137929
	Cadmium	994	972	102	826	1120	11/17/2025	13:44	LB137929
	Calcium	236000	235000	100	199000	271000	11/17/2025	13:44	LB137929
	Chromium	565	542	104	460	624	11/17/2025	13:44	LB137929
	Cobalt	504	476	106	404	548	11/17/2025	13:44	LB137929
	Copper	460	511	90	434	588	11/17/2025	13:44	LB137929
	Iron	98300	99300	99	84400	114500	11/17/2025	13:44	LB137929
	Lead	58.0	49.0	118	37	61	11/17/2025	13:44	LB137929
	Magnesium	253000	248000	102	210000	286000	11/17/2025	13:44	LB137929
	Manganese	505	507	100	430	584	11/17/2025	13:44	LB137929
	Nickel	1000	954	105	810	1100	11/17/2025	13:44	LB137929
	Potassium	-106			0	0	11/17/2025	13:44	LB137929
	Selenium	58.2	46.0	126	26	66	11/17/2025	13:44	LB137929
	Silver	194	201	96	170	232	11/17/2025	13:44	LB137929

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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	-65.9			0	0	11/17/2025	13:44	LB137929
	Thallium	137	108	127	68	148	11/17/2025	13:44	LB137929
	Vanadium	488	491	99	417	565	11/17/2025	13:44	LB137929
	Zinc	1050	952	110	809	1095	11/17/2025	13:44	LB137929

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-01 **client id:** SW-1MS

Percent Solids for Sample: NA **Spiked ID:** Q3584-01MS **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	82 - 119	3.59		0.20	U	4.0	90		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-01 **client id:** SW-1MSD

Percent Solids for Sample: NA **Spiked ID:** Q3584-01MSD **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	82 - 119	3.26		0.20	U	4.0	81.5	N	CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-03 **client id:** SW-3MS

Percent Solids for Sample: NA **Spiked ID:** Q3584-03MS **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	86 - 115	2300		1420		1000	88		P
Antimony	ug/L	88 - 113	438		25.0	U	400	110		P
Arsenic	ug/L	87 - 113	456		4.20	J	400	113		P
Barium	ug/L	88 - 113	136		35.2	J	100	101		P
Beryllium	ug/L	89 - 112	97.6		3.00	U	100	98		P
Cadmium	ug/L	88 - 113	107		3.00	U	100	107		P
Calcium	ug/L	87 - 113	148000		144000		500	899		P
Chromium	ug/L	90 - 113	211		3.53	J	200	104		P
Cobalt	ug/L	89 - 114	111		15.0	U	100	111		P
Copper	ug/L	86 - 114	150		5.77	J	150	96		P
Iron	ug/L	87 - 115	4080		2200		1500	125	N	P
Lead	ug/L	86 - 113	506		4.76	J	500	100		P
Magnesium	ug/L	85 - 113	439000		424000		1000	1471		P
Manganese	ug/L	90 - 114	184		85.5		100	98		P
Nickel	ug/L	88 - 113	271		3.10	J	250	107		P
Potassium	ug/L	86 - 114	222000		199000		5000	449		P
Selenium	ug/L	83 - 114	1070		10.0	U	1000	107		P
Silver	ug/L	84 - 115	43.4		5.00	U	37.5	116	N	P
Sodium	ug/L	87 - 115	3980000	D	3910000	D	1500	4152		P
Thallium	ug/L	85 - 114	837		3.87	J	1000	83	N	P
Vanadium	ug/L	90 - 111	156		20.0	U	150	104		P
Zinc	ug/L	87 - 115	142		22.1		100	120	N	P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3584-03 **client id:** SW-3MSD

Percent Solids for Sample: NA **Spiked ID:** Q3584-03MSD **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	86 - 115	2300		1420		1000	88		P
Antimony	ug/L	88 - 113	456		25.0	U	400	114	N	P
Arsenic	ug/L	87 - 113	470		4.20	J	400	116	N	P
Barium	ug/L	88 - 113	132		35.2	J	100	97		P
Beryllium	ug/L	89 - 112	98.9		3.00	U	100	99		P
Cadmium	ug/L	88 - 113	110		3.00	U	100	110		P
Calcium	ug/L	87 - 113	143000		144000		500	-94		P
Chromium	ug/L	90 - 113	214		3.53	J	200	105		P
Cobalt	ug/L	89 - 114	113		15.0	U	100	113		P
Copper	ug/L	86 - 114	155		5.77	J	150	100		P
Iron	ug/L	87 - 115	4080		2200		1500	125	N	P
Lead	ug/L	86 - 113	521		4.76	J	500	103		P
Magnesium	ug/L	85 - 113	422000		424000		1000	-192		P
Manganese	ug/L	90 - 114	181		85.5		100	95		P
Nickel	ug/L	88 - 113	278		3.10	J	250	110		P
Potassium	ug/L	86 - 114	216000		199000		5000	333		P
Selenium	ug/L	83 - 114	1110		10.0	U	1000	111		P
Silver	ug/L	84 - 115	43.8		5.00	U	37.5	117	N	P
Sodium	ug/L	87 - 115	4200000	D	3910000	D	1500	19305		P
Thallium	ug/L	85 - 114	856		3.87	J	1000	85		P
Vanadium	ug/L	90 - 111	153		20.0	U	150	102		P
Zinc	ug/L	87 - 115	144		22.1		100	121	N	P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3595-01 **client id:** LAW-25-0176MS

Percent Solids for Sample: NA **Spiked ID:** Q3595-01MS **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	3.55		0.095	J	4.0	86		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3584

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3595-01 **client id:** LAW-25-0176MSD

Percent Solids for Sample: NA **Spiked ID:** Q3595-01MSD **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	3.55		0.095	J	4.0	86		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** SW-1A

Sample ID: Q3584-01 **Spiked ID:** Q3584-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.72		0.20	U	4.00	118		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** SW-3A

Sample ID: Q3584-03 **Spiked ID:** Q3584-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	88 - 113	434		25.0	U	400	108		P
Arsenic	ug/L	87 - 113	446		4.20	J	400	110		P
Iron	ug/L	87 - 115	4050		2200		1500	123	N	P
Silver	ug/L	84 - 115	42.3		5.00	U	37.5	113		P
Thallium	ug/L	85 - 114	796		3.87	J	1000	79	N	P
Zinc	ug/L	87 - 115	138		22.1		100	116	N	P

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-01 **Client ID:** SW-1DUP

Percent Solids for Sample: NA **Duplicate ID** Q3584-01DUP **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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-01MS **Client ID:** SW-1MSD

Percent Solids for Sample: NA **Duplicate ID** Q3584-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.59		3.26		10		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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-03 **Client ID:** SW-3DUP

Percent Solids for Sample: NA **Duplicate ID** Q3584-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1420		1400		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	4.20	J	3.44	J	20		P
Barium	ug/L	20	35.2	J	33.7	J	4		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	144000		145000		1		P
Chromium	ug/L	20	3.53	J	3.56	J	1		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	5.77	J	5.25	J	9		P
Iron	ug/L	20	2200		2210		0		P
Lead	ug/L	20	4.76	J	2.36	J	67		P
Magnesium	ug/L	20	424000		427000		1		P
Manganese	ug/L	20	85.5		86.8		2		P
Nickel	ug/L	20	3.10	J	2.92	J	6		P
Potassium	ug/L	20	199000		208000		4		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	3910000	D	3970000	D	2		P
Thallium	ug/L	20	3.87	J	4.30	J	11		P
Vanadium	ug/L	20	20.0	U	5.27	J	200.0		P
Zinc	ug/L	20	22.1		21.8		1		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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3584-03MS **Client ID:** SW-3MSD

Percent Solids for Sample: NA **Duplicate ID** Q3584-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	2300		2300		0		P
Antimony	ug/L	20	438		456		4		P
Arsenic	ug/L	20	456		470		3		P
Barium	ug/L	20	136		132		3		P
Beryllium	ug/L	20	97.6		98.9		1		P
Cadmium	ug/L	20	107		110		3		P
Calcium	ug/L	20	148000		143000		3		P
Chromium	ug/L	20	211		214		1		P
Cobalt	ug/L	20	111		113		2		P
Copper	ug/L	20	150		155		3		P
Iron	ug/L	20	4080		4080		0		P
Lead	ug/L	20	506		521		3		P
Magnesium	ug/L	20	439000		422000		4		P
Manganese	ug/L	20	184		181		2		P
Nickel	ug/L	20	271		278		3		P
Potassium	ug/L	20	222000		216000		3		P
Selenium	ug/L	20	1070		1110		4		P
Silver	ug/L	20	43.4		43.8		1		P
Sodium	ug/L	20	3980000	D	4200000	D	5		P
Thallium	ug/L	20	837		856		2		P
Vanadium	ug/L	20	156		153		2		P
Zinc	ug/L	20	142		144		1		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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3595-01 **Client ID:** LAW-25-0176DUP

Percent Solids for Sample: NA **Duplicate ID** Q3595-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.095	J	0.094	J	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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3595-01MS **Client ID:** LAW-25-0176MSD

Percent Solids for Sample: NA **Duplicate ID** Q3595-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.55		3.55		0		CV

"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.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170459BS							
Aluminum	ug/L	1000	1040		104	86 - 115	P
Antimony	ug/L	400	414		104	88 - 113	P
Arsenic	ug/L	400	403		101	87 - 113	P
Barium	ug/L	100	104		104	88 - 113	P
Beryllium	ug/L	100	106		106	89 - 112	P
Cadmium	ug/L	100	100		100	88 - 113	P
Calcium	ug/L	500	551	J	110	87 - 113	P
Chromium	ug/L	200	210		105	90 - 113	P
Cobalt	ug/L	100	102		102	89 - 114	P
Copper	ug/L	150	160		107	86 - 114	P
Iron	ug/L	1500	1550		103	87 - 115	P
Lead	ug/L	500	492		98	86 - 113	P
Magnesium	ug/L	1000	1050		105	85 - 113	P
Manganese	ug/L	100	106		106	90 - 114	P
Nickel	ug/L	250	257		103	88 - 113	P
Potassium	ug/L	5000	4970		99	86 - 114	P
Selenium	ug/L	1000	1020		102	83 - 114	P
Silver	ug/L	37.5	40.2		107	84 - 115	P
Sodium	ug/L	1500	1450		97	87 - 115	P
Thallium	ug/L	1000	1040		104	85 - 114	P
Vanadium	ug/L	150	156		104	90 - 111	P
Zinc	ug/L	100	108		108	87 - 115	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170468BS							
Mercury	ug/L	4.0	3.68		92	82 - 119	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170487BS							
Mercury	ug/L	4.0	3.75		94	80 - 120	CV

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

SW-1L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137835 **Lab Sample ID :** Q3584-01L **SDG No.:** Q3584

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.

SW-3L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3584-03L **SDG No.:** Q3584

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	1420		1470		4		P
Antimony	25.0	U	125	U			P
Arsenic	4.20	J	21.4	J	409		P
Barium	35.2	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	144000		150000		4		P
Chromium	3.53	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	5.77	J	50.0	U	100.0		P
Iron	2200		2040		8		P
Lead	4.76	J	30.0	U	100.0		P
Magnesium	424000		436000		3		P
Manganese	85.5		87.4		2		P
Nickel	3.10	J	100	U	100.0		P
Potassium	199000		181000		9		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	3830000	OR	4000000		5		P
Thallium	3.87	J	15.7	J	305		P
Vanadium	20.0	U	100	U			P
Zinc	22.1		100	U	100.0		P

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

LAW-25-0176L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137860 **Lab Sample ID :** Q3595-01L **SDG No.:** Q3584

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	0.095	J	0.38	J	301		CV

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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3584

Instrument id number: **Method:** **Run number:** LB137835

Start date: 11/10/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1408	HG
S0.2	S0.2	1	1411	HG
S2.5	S2.5	1	1413	HG
S5	S5	1	1415	HG
S7.5	S7.5	1	1417	HG
S10	S10	1	1427	HG
ICV108	ICV108	1	1429	HG
ICB108	ICB108	1	1432	HG
CCV53	CCV53	1	1434	HG
CCB53	CCB53	1	1436	HG
CRA	CRA	1	1439	HG
PB170468BL	PB170468BL	1	1445	HG
PB170468BS	PB170468BS	1	1448	HG
Q3584-01	SW-1	1	1459	HG
CCV54	CCV54	1	1501	HG
CCB54	CCB54	1	1504	HG
Q3584-01DUP	SW-1DUP	1	1506	HG
Q3584-01MS	SW-1MS	1	1508	HG
Q3584-01MSD	SW-1MSD	1	1510	HG
Q3584-02	SW-2	1	1513	HG
Q3584-03	SW-3	1	1515	HG
Q3584-05	FB-2	1	1517	HG
Q3584-01L	SW-1L	5	0759	HG
Q3584-01A	SW-1A	1	0822	HG
CCV55	CCV55	1	0836	HG
CCB55	CCB55	1	0838	HG

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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3584

Instrument id number: **Method:** **Run number:** LB137841

Start date: 11/10/2025 **End date:** 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
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
Q3584-01	SW-1	1	2115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-02	SW-2	1	2120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,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
Q3584-03	SW-3	1	2146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03DUP	SW-3DUP	1	2150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03L	SW-3L	5	2155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03MS	SW-3MS	1	2159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03MSD	SW-3MSD	1	2203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-03A	SW-3A	1	2208	Ag,As,Fe,Sb,Tl,Zn
Q3584-04	EB-2	1	2212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-05	FB-2	1	2216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3584-07	SEEP-1	10	2220	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.:** Q3584

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
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
Q3584-02	SW-2	10	2251	Na
Q3584-03	SW-3	10	2255	Na
Q3584-03DUP	SW-3DUP	10	2300	Na
Q3584-03MS	SW-3MS	10	2308	Na
Q3584-03MSD	SW-3MSD	10	2313	Na
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.:** Q3584

Instrument id number: **Method:** **Run number:** LB137860

Start date: 11/12/2025 **End date:** 11/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0908	HG
S0.2	S0.2	1	0910	HG
S2.5	S2.5	1	0912	HG
S5	S5	1	0914	HG
S7.5	S7.5	1	0917	HG
S10	S10	1	0919	HG
ICV110	ICV110	1	0922	HG
ICB110	ICB110	1	0924	HG
CCV61	CCV61	1	0927	HG
CCB61	CCB61	1	0929	HG
CRA	CRA	1	0931	HG
PB170487BL	PB170487BL	1	0938	HG
PB170487BS	PB170487BS	1	0943	HG
Q3584-04	EB-2	1	0945	HG
Q3595-01DUP	LAW-25-0176DUP	1	0950	HG
Q3595-01MS	LAW-25-0176MS	1	0955	HG
Q3595-01MSD	LAW-25-0176MSD	1	0957	HG
CCV62	CCV62	1	1000	HG
CCB62	CCB62	1	1002	HG
CCV63	CCV63	1	1027	HG
CCB63	CCB63	1	1029	HG
CCV64	CCV64	1	1054	HG
CCB64	CCB64	1	1056	HG
Q3595-01L	LAW-25-0176L	5	1110	HG
Q3584-07	SEEP-1	10	1142	HG
CCV65	CCV65	1	1145	HG
CCB65	CCB65	1	1148	HG

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metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3584

Instrument id number: **Method:** **Run number:** LB137929

Start date: 11/17/2025 **End date:** 11/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1257	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	1302	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	1306	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	1310	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	1314	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	1319	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	1323	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	1331	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	1335	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	1340	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	1344	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	1357	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	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170459BL	PB170459BL	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170459BS	PB170459BS	1	1410	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	1447	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	1451	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	1544	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	1548	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1634	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	1638	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	1724	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	1728	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	1815	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	1819	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	1907	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	1911	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	1924	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	1928	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	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV	LLCCV	1	1957	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	2002	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.:** Q3584

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.:** Q3584

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.:** Q3584

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.:** Q3584

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.:** Q3584

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:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**Water**			**11/06/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3584-02	**SW-2**	**Water**			**11/07/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3584-03	**SW-3**	**Water**			**11/07/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3584-04	**EB-2**	**Water**			**11/06/25**			**11/07/25**
			Mercury	7470A		11/11/25	11/12/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3584-05	**FB-2**	**Water**			**11/07/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3584-07	**SEEP-1**	**Water**			**11/07/25**			**11/07/25**
			Mercury	7470A		11/10/25	11/12/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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:	**PB170459**						
PB170459BL	PB170459BL	MB	WATER	11/10/2025	50.0	25.0	
PB170459BS	PB170459BS	LCS	WATER	11/10/2025	50.0	25.0	
Q3584-01	SW-1	SAM	WATER	11/10/2025	50.0	25.0	
Q3584-02	SW-2	SAM	WATER	11/10/2025	50.0	25.0	
Q3584-03	SW-3	SAM	WATER	11/10/2025	50.0	25.0	
Q3584-03DUP	SW-3DUP	DUP	WATER	11/10/2025	50.0	25.0	
Q3584-03MS	SW-3MS	MS	WATER	11/10/2025	50.0	25.0	
Q3584-03MSD	SW-3MSD	MSD	WATER	11/10/2025	50.0	25.0	
Q3584-04	EB-2	SAM	WATER	11/10/2025	50.0	25.0	
Q3584-05	FB-2	SAM	WATER	11/10/2025	50.0	25.0	
Q3584-07	SEEP-1	SAM	WATER	11/10/2025	50.0	25.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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:	**PB170468**						
PB170468BL	PB170468BL	MB	WATER	11/10/2025	30.0	30.0	
PB170468BS	PB170468BS	LCS	WATER	11/10/2025	30.0	30.0	
Q3584-01	SW-1	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-01DUP	SW-1DUP	DUP	WATER	11/10/2025	30.0	30.0	
Q3584-01MS	SW-1MS	MS	WATER	11/10/2025	30.0	30.0	
Q3584-01MSD	SW-1MSD	MSD	WATER	11/10/2025	30.0	30.0	
Q3584-02	SW-2	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-03	SW-3	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-05	FB-2	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-07	SEEP-1	SAM	WATER	11/10/2025	30.0	30.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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:	**PB170487**						
PB170487BL	PB170487BL	MB	WATER	11/11/2025	30.0	30.0	
PB170487BS	PB170487BS	LCS	WATER	11/11/2025	30.0	30.0	
Q3584-04	EB-2	SAM	WATER	11/11/2025	30.0	30.0	
Q3595-01DUP	LAW-25-0176DUP	DUP	WATER	11/11/2025	30.0	30.0	
Q3595-01MS	LAW-25-0176MS	MS	WATER	11/11/2025	30.0	30.0	
Q3595-01MSD	LAW-25-0176MSD	MSD	WATER	11/11/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137835

Review By	mohan	Review On	11/13/2025 4:17:51 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:19:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905
ICV Standard	MP87906
CCV Standard	MP87908
ICSA Standard	
CRI Standard	MP87910
LCS Standard	
Chk Standard	MP87907,MP87909,MP87911,MP87913

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 14:08		mohan	OK
2	S0.2	S0.2	CAL2	11/10/25 14:11		mohan	OK
3	S2.5	S2.5	CAL3	11/10/25 14:13		mohan	OK
4	S5	S5	CAL4	11/10/25 14:15		mohan	OK
5	S7.5	S7.5	CAL5	11/10/25 14:17		mohan	OK
6	S10	S10	CAL6	11/10/25 14:27		mohan	OK
7	ICV108	ICV108	ICV	11/10/25 14:29		mohan	OK
8	ICB108	ICB108	ICB	11/10/25 14:32		mohan	OK
9	CCV53	CCV53	CCV	11/10/25 14:34		mohan	OK
10	CCB53	CCB53	CCB	11/10/25 14:36		mohan	OK
11	CRA	CRA	CRDL	11/10/25 14:39		mohan	OK
12	HighStd	HighStd	HIGH STD	11/10/25 14:41		mohan	OK
13	ChkStd	ChkStd	SAM	11/10/25 14:43		mohan	OK
14	PB170468BL	PB170468BL	MB	11/10/25 14:45		mohan	OK
15	PB170468BS	PB170468BS	LCS	11/10/25 14:48		mohan	OK
16	Q3561-01	1027-A-D	SAM	11/10/25 14:50		mohan	OK
17	Q3569-01	MW-2	SAM	11/10/25 14:52		mohan	OK
18	Q3569-02	MW-12	SAM	11/10/25 14:55		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137835

Review By	mohan	Review On	11/13/2025 4:17:51 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:19:07 PM

STD. NAME	STD REF.#
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905
ICV Standard	MP87906
CCV Standard	MP87908
ICSA Standard	
CRI Standard	MP87910
LCS Standard	
Chk Standard	MP87907,MP87909,MP87911,MP87913

19	Q3574-01	304641-01 Liquid	SAM	11/10/25 14:57		mohan	OK
20	Q3584-01	SW-1	SAM	11/10/25 14:59		mohan	OK
21	CCV54	CCV54	CCV	11/10/25 15:01		mohan	OK
22	CCB54	CCB54	CCB	11/10/25 15:04		mohan	OK
23	Q3584-01DUP	SW-1DUP	DUP	11/10/25 15:06		mohan	OK
24	Q3584-01MS	SW-1MS	MS	11/10/25 15:08		mohan	OK
25	Q3584-01MSD	SW-1MSD	MSD	11/10/25 15:10		mohan	OK
26	Q3584-02	SW-2	SAM	11/10/25 15:13		mohan	OK
27	Q3584-03	SW-3	SAM	11/10/25 15:15		mohan	OK
28	Q3584-05	FB-2	SAM	11/10/25 15:17		mohan	OK
29	Q3584-07	SEEP-1	SAM	11/10/25 15:20	Hg high, need dilution.	mohan	Dilution
30	Q3584-01L	SW-1L	SD	11/11/25 07:59		mohan	OK
31	Q3584-01A	SW-1A	PS	11/11/25 08:22		mohan	OK
32	CCV55	CCV55	CCV	11/11/25 08:36		mohan	OK
33	CCB55	CCB55	CCB	11/11/25 08:38		mohan	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: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137860

Review By	mohan	Review On	11/13/2025 4:23:34 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:23:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/12/25 09:08		mohan	OK
2	S0.2	S0.2	CAL2	11/12/25 09:10		mohan	OK
3	S2.5	S2.5	CAL3	11/12/25 09:12		mohan	OK
4	S5	S5	CAL4	11/12/25 09:14		mohan	OK
5	S7.5	S7.5	CAL5	11/12/25 09:17		mohan	OK
6	S10	S10	CAL6	11/12/25 09:19		mohan	OK
7	ICV110	ICV110	ICV	11/12/25 09:22		mohan	OK
8	ICB110	ICB110	ICB	11/12/25 09:24		mohan	OK
9	CCV61	CCV61	CCV	11/12/25 09:27		mohan	OK
10	CCB61	CCB61	CCB	11/12/25 09:29		mohan	OK
11	CRA	CRA	CRDL	11/12/25 09:31		mohan	OK
12	HighStd	HighStd	HIGH STD	11/12/25 09:33		mohan	OK
13	ChkStd	ChkStd	SAM	11/12/25 09:36		mohan	OK
14	PB170487BL	PB170487BL	MB	11/12/25 09:38		mohan	OK
15	PB170487BS	PB170487BS	LCS	11/12/25 09:43		mohan	OK
16	Q3584-04	EB-2	SAM	11/12/25 09:45		mohan	OK
17	Q3595-01	LAW-25-0176	SAM	11/12/25 09:47		mohan	OK
18	Q3595-01DUP	LAW-25-0176DUP	DUP	11/12/25 09:50		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137860

Review By	mohan	Review On	11/13/2025 4:23:34 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:23:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

19	Q3595-01MS	LAW-25-0176MS	MS	11/12/25 09:55		mohan	OK
20	Q3595-01MSD	LAW-25-0176MSD	MSD	11/12/25 09:57		mohan	OK
21	CCV62	CCV62	CCV	11/12/25 10:00		mohan	OK
22	CCB62	CCB62	CCB	11/12/25 10:02		mohan	OK
23	PB170489BL	PB170489BL	MB	11/12/25 10:04		mohan	OK
24	PB170489BS	PB170489BS	LCS	11/12/25 10:06		mohan	OK
25	Q3577-04	WC-1A	SAM	11/12/25 10:09		mohan	OK
26	Q3581-02	VNJ-238	SAM	11/12/25 10:11		mohan	OK
27	Q3581-04	VNJ-245	SAM	11/12/25 10:13		mohan	OK
28	Q3581-06	VNJ-240	SAM	11/12/25 10:15		mohan	OK
29	Q3581-08	RBR200059	SAM	11/12/25 10:18		mohan	OK
30	Q3590-01	MOO-25-0314-0316-C	SAM	11/12/25 10:20		mohan	OK
31	Q3590-03	MOO-25-0317-0318-C	SAM	11/12/25 10:22		mohan	OK
32	Q3590-05	MOO-25-0319	SAM	11/12/25 10:25		mohan	OK
33	CCV63	CCV63	CCV	11/12/25 10:27		mohan	OK
34	CCB63	CCB63	CCB	11/12/25 10:29		mohan	OK
35	Q3593-04	A-LAW-25-0167-0175	SAM	11/12/25 10:31		mohan	OK
36	Q3593-06	B-LAW-25-0167-0175	SAM	11/12/25 10:34		mohan	OK
37	Q3593-08	C-LAW-25-0156-0166	SAM	11/12/25 10:36		mohan	OK
38	Q3593-10	D-LAW-25-0156-0166	SAM	11/12/25 10:38		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137860

Review By	mohan	Review On	11/13/2025 4:23:34 PM
Supervise By	jaswal	Supervise On	11/13/2025 4:23:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

39	Q3598-02	EO-CONCRETE	SAM	11/12/25 10:40		mohan	OK
40	Q3599-02	LIVINGSTON-SOIL	SAM	11/12/25 10:43		mohan	OK
41	Q3601-04	TP-1	SAM	11/12/25 10:45		mohan	OK
42	Q3601-08	TP-2	SAM	11/12/25 10:47		mohan	OK
43	Q3601-12	TP-3	SAM	11/12/25 10:49		mohan	OK
44	Q3601-16	TP-4	SAM	11/12/25 10:52		mohan	OK
45	CCV64	CCV64	CCV	11/12/25 10:54		mohan	OK
46	CCB64	CCB64	CCB	11/12/25 10:56		mohan	OK
47	Q3601-20	TP-5	SAM	11/12/25 10:59		mohan	OK
48	Q3601-20DUP	TP-5DUP	DUP	11/12/25 11:01		mohan	OK
49	Q3601-20MS	TP-5MS	MS	11/12/25 11:03		mohan	OK
50	Q3601-20MSD	TP-5MSD	MSD	11/12/25 11:05		mohan	OK
51	PB170462TB	PB170462TB	MB	11/12/25 11:08		mohan	OK
52	Q3595-01L	LAW-25-0176L	SD	11/12/25 11:10		mohan	OK
53	Q3595-01A	LAW-25-0176A	PS	11/12/25 11:12		mohan	OK
54	Q3601-20L	TP-5L	SD	11/12/25 11:14		mohan	OK
55	Q3601-20A	TP-5A	PS	11/12/25 11:17		mohan	OK
56	Q3584-07DL	SEEP-1DL	SAM	11/12/25 11:42	10X For Hg	mohan	Confirms
57	CCV65	CCV65	CCV	11/12/25 11:45		mohan	OK
58	CCB65	CCB65	CCB	11/12/25 11:48		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	11/17/25 12:57		Jaswal	OK
2	S1	S1	CAL2	11/17/25 13:02		Jaswal	OK
3	S2	S2	CAL3	11/17/25 13:06		Jaswal	OK
4	S3	S3	CAL4	11/17/25 13:10		Jaswal	OK
5	S4	S4	CAL5	11/17/25 13:14		Jaswal	OK
6	S5	S5	CAL6	11/17/25 13:19		Jaswal	OK
7	ICV01	ICV01	ICV	11/17/25 13:23		Jaswal	OK
8	ICB01	ICB01	ICB	11/17/25 13:31		Jaswal	OK
9	CRI01	CRI01	CRDL	11/17/25 13:35		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/17/25 13:40		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/17/25 13:44		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/17/25 13:48		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/17/25 13:52		Jaswal	OK
14	CCV01	CCV01	CCV	11/17/25 13:57		Jaswal	OK
15	CCB01	CCB01	CCB	11/17/25 14:01		Jaswal	OK
16	PB170459BL	PB170459BL	MB	11/17/25 14:05		Jaswal	OK
17	PB170459BS	PB170459BS	LCS	11/17/25 14:10		Jaswal	OK
18	PB170471BL	PB170471BL	MB	11/17/25 14:14		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	PB170471BS	PB170471BS	LCS	11/17/25 14:18		Jaswal	OK
20	PB170557BL	PB170557BL	MB	11/17/25 14:22		Jaswal	OK
21	PB170557BS	PB170557BS	LCS	11/17/25 14:26		Jaswal	OK
22	PB170558BL	PB170558BL	MB	11/17/25 14:30		Jaswal	OK
23	PB170558BS	PB170558BS	LCS	11/17/25 14:35		Jaswal	OK
24	Q3628-01	TP-5	SAM	11/17/25 14:39		Jaswal	OK
25	Q3631-01	VNJ-202	SAM	11/17/25 14:43		Jaswal	OK
26	CCV02	CCV02	CCV	11/17/25 14:47		Jaswal	OK
27	CCB02	CCB02	CCB	11/17/25 14:51		Jaswal	OK
28	LR-1	LR-1	HIGH STD	11/17/25 14:55		Jaswal	OK
29	LR-2	LR-2	HIGH STD	11/17/25 15:00		Jaswal	OK
30	Q3631-03	VNJ-208	SAM	11/17/25 15:11		Jaswal	OK
31	LR-3	LR-3	HIGH STD	11/17/25 15:15		Jaswal	OK
32	Q3633-01	ETGI-369	SAM	11/17/25 15:19		Jaswal	OK
33	Q3633-03	ETGI-342	SAM	11/17/25 15:24		Jaswal	OK
34	Q3633-05	ETGI-368	SAM	11/17/25 15:28		Jaswal	OK
35	Q3633-05DUP	ETGI-368DUP	DUP	11/17/25 15:32		Jaswal	OK
36	Q3633-05L	ETGI-368L	SD	11/17/25 15:36		Jaswal	OK
37	Q3633-05MS	ETGI-368MS	MS	11/17/25 15:40		Jaswal	OK
38	CCV03	CCV03	CCV	11/17/25 15:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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

39	CCB03	CCB03	CCB	11/17/25 15:48		Jaswal	OK
40	Q3633-05MSD	ETGI-368MSD	MSD	11/17/25 15:52		Jaswal	OK
41	Q3633-05A	ETGI-368A	PS	11/17/25 15:56	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
42	Q3641-01	TR-05-111325	SAM	11/17/25 16:00		Jaswal	OK
43	Q3630-01	DSN002	SAM	11/17/25 16:04		Jaswal	OK
44	Q3630-01DUP	DSN002DUP	DUP	11/17/25 16:09		Jaswal	OK
45	Q3630-01L	DSN002L	SD	11/17/25 16:13		Jaswal	OK
46	Q3630-01MS	DSN002MS	MS	11/17/25 16:17		Jaswal	OK
47	Q3630-01MSD	DSN002MSD	MSD	11/17/25 16:22		Jaswal	OK
48	Q3630-01A	DSN002A	PS	11/17/25 16:26	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
49	Q3630-05	DSN003	SAM	11/17/25 16:30		Jaswal	OK
50	CCV04	CCV04	CCV	11/17/25 16:34		Jaswal	OK
51	CCB04	CCB04	CCB	11/17/25 16:38		Jaswal	OK
52	PB170579BL	PB170579BL	MB	11/17/25 16:43		Jaswal	OK
53	PB170579BS	PB170579BS	LCS	11/17/25 16:47		Jaswal	OK
54	Q3645-01	HD-02-11142025	SAM	11/17/25 16:51		Jaswal	OK
55	Q3646-01	SU-03-11142025	SAM	11/17/25 16:55		Jaswal	OK
56	Q3647-01	VNJ-212	SAM	11/17/25 16:59		Jaswal	OK
57	Q3648-01	OR-02-111425	SAM	11/17/25 17:04		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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	Q3649-01	B5-0.0-0.5-20251114	SAM	11/17/25 17:08		Jaswal	OK
59	Q3649-03	DUPE-0.0-0.5-202511	SAM	11/17/25 17:12		Jaswal	OK
60	Q3649-06	B4-0.0-0.5-20251114	SAM	11/17/25 17:16		Jaswal	OK
61	Q3649-06DUP	B4-0.0-0.5-20251114D	DUP	11/17/25 17:20		Jaswal	OK
62	CCV05	CCV05	CCV	11/17/25 17:24		Jaswal	OK
63	CCB05	CCB05	CCB	11/17/25 17:28		Jaswal	OK
64	Q3649-06L	B4-0.0-0.5-20251114L	SD	11/17/25 17:33		Jaswal	OK
65	Q3649-06MS	B4-0.0-0.5-20251114M	MS	11/17/25 17:37		Jaswal	OK
66	Q3649-06MSD	B4-0.0-0.5-20251114M	MSD	11/17/25 17:41		Jaswal	OK
67	Q3649-06A	B4-0.0-0.5-20251114A	PS	11/17/25 17:45	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
68	Q3649-08	B3-0.0-0.5-20251114	SAM	11/17/25 17:49		Jaswal	OK
69	PB170583BL	PB170583BL	MB	11/17/25 17:53		Jaswal	OK
70	PB170583BS	PB170583BS	LCS	11/17/25 17:57		Jaswal	OK
71	PB170544TB	PB170544TB	MB	11/17/25 18:02	NOT USE	Jaswal	Not Ok
72	Q3486-11	TP6	SAM	11/17/25 18:06		Jaswal	OK
73	Q3588-07	TR-06-11072025	SAM	11/17/25 18:10		Jaswal	OK
74	CCV06	CCV06	CCV	11/17/25 18:15		Jaswal	OK
75	CCB06	CCB06	CCB	11/17/25 18:19		Jaswal	OK
76	Q3628-04	TP-5	SAM	11/17/25 18:23		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137929

Review By	jaswal	Review On	11/18/2025 12:01:44 PM
Supervise By	mohan	Supervise On	11/18/2025 5:19:51 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

77	Q3638-02	MOO-25-0327	SAM	11/17/25 18:28		Jaswal	OK
78	Q3638-04	MOO-25-0328	SAM	11/17/25 18:32		Jaswal	OK
79	Q3640-02	LAW-25-0179-0180	SAM	11/17/25 18:37		Jaswal	OK
80	Q3640-03	LAW-25-0182	SAM	11/17/25 18:41		Jaswal	OK
81	Q3647-02	VNJ-212	SAM	11/17/25 18:45		Jaswal	OK
82	Q3649-07	B4-0.0-0.5-20251114	SAM	11/17/25 18:50		Jaswal	OK
83	Q3649-07DUP	B4-0.0-0.5-20251114D	DUP	11/17/25 18:54		Jaswal	OK
84	Q3649-07L	B4-0.0-0.5-20251114L	SD	11/17/25 18:59		Jaswal	OK
85	Q3649-07MS	B4-0.0-0.5-20251114M	MS	11/17/25 19:03		Jaswal	OK
86	CCV07	CCV07	CCV	11/17/25 19:07		Jaswal	OK
87	CCB07	CCB07	CCB	11/17/25 19:11		Jaswal	OK
88	Q3649-07MSD	B4-0.0-0.5-20251114M	MSD	11/17/25 19:16		Jaswal	OK
89	Q3649-07A	B4-0.0-0.5-20251114A	PS	11/17/25 19:20	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
90	CCV08	CCV08	CCV	11/17/25 19:24		Jaswal	OK
91	CCB08	CCB08	CCB	11/17/25 19:28		Jaswal	OK
92	CCV09	CCV09	CCV	11/17/25 19:47		Jaswal	OK
93	LLCCV	LLCCV	LLCCV	11/17/25 19:57		Jaswal	OK
94	CCB09	CCB09	CCB	11/17/25 20:02		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170459

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: 11/10/2025 **Time :** 10:40 **Temp :** 96 °C

End Digest Date: 11/10/2025 **Time :** 13:42 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLG.

Supervisor Signature: MJ

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
11/10/25 14:42	SLG met dig	BS - MET LAB
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170459

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170459BL	PBW459	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
PB170459BS	LCS459	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	11
Q3574-01	304641-01 LIQUID	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	12
Q3584-01	SW-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3584-02	SW-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3584-03	SW-3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3584-03MS	SW-3MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	17
Q3584-03MSD	SW-3MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	18
Q3584-03DUP	SW-3DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	16
Q3584-04	EB-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	21
Q3584-05	FB-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19
Q3584-07	SEEP-1	<2	50	25	Brown	Brown	Cloudy	Cloudy	N/A	20

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Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170468

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 : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/10/2025 **Time :** 07:40 **Temp :** 95 °C

End Digest Date: 11/10/2025 **Time :** 09:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: [signature]

Supervisor Signature: [signature]

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87906
CCV	30mL	MP87908
CRA	30mL	MP87910
Blank Spike	0.48mL	MP87899
Matrix Spike	0.48mL	MP87899

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	MP87900
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30Ml	MP87901
2.5 ppb	S2.5	30Ml	MP87902
5.0 ppb	S5.0	30Ml	MP87903
7.5 ppb	S7.5	30mL	MP87904
10.0 ppb	S10.0	30mL	MP87905
ICV	ICV	30Ml	MP87906
ICB	ICB	30Ml	MP87907
CCV	CCV	30Ml	MP87908
CCB	CCB	30Ml	MP87909
CRI	CRI	30Ml	MP87910
CHK STD	CHK STD	30Ml	MP87911

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25 @ 10:57	BD - Dig. Lab	[illegible] - Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170468

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170468BL	PBW468	30	30	<2	N/A	3-1
PB170468BS	LCS468	30	30	<2	MP87899	2
Q3561-01	1027-A-D	30	30	<2	N/A	3
Q3569-01	MW-2	30	30	<2	N/A	4
Q3569-02	MW-12	30	30	<2	N/A	5
Q3574-01	304641-01 LIQUID	30	30	<2	N/A	6
Q3584-01	SW-1	30	30	<2	N/A	7
Q3584-01DUP	SW-1DUP	30	30	<2	N/A	8
Q3584-01MS	SW-1MS	30	30	<2	MP87899	9
Q3584-01MSD	SW-1MSD	30	30	<2	MP87899	10
Q3584-02	SW-2	30	30	<2	N/A	11
Q3584-03	SW-3	30	30	<2	N/A	12
Q3584-05	FB-2	30	30	<2	N/A	13
Q3584-07	SEEP-1	30	30	<2	N/A	14

A B C D E F G H I J

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170487

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 : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 11/11/2025 **Time :** 11:15 **Temp :** 95 °C

End Digest Date: 11/11/2025 **Time :** 13:15 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: JV

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30Ml	MP87923
CCV	30ml	MP87925
CRA	30mL	MP87927
Blank Spike	0.48mL	MP87916
Matrix Spike	0.48mL	MP87916

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	MP87917
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30Ml	MP87918
2.5 ppb	S2.5	30Ml	MP87919
5.0 ppb	S5.0	30Ml	MP87920
7.5 ppb	S7.5	30mL	MP87921
10.0 ppb	S10.0	30mL	MP87922
ICV	ICV	30Ml	MP87923
ICB	ICB	30Ml	MP87924
CCV	CCV	30Ml	MP87925
CCB	CCB	30Ml	MP87926
CRI	CRI	30mL	MP87927
CHK STD	CHK STD	30Ml	MP87928

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25 @ 13:40	MB – Dig. Lab	MB – Metal Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170487

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170487BL	PBW487	30	30	<2	N/A	3-1
PB170487BS	LCS487	30	30	<2	MP87916	2
Q3584-04	EB-2	30	30	<2	N/A	3
Q3595-01	LAW-25-0176	30	30	<2	N/A	4
Q3595-01DUP	LAW-25-0176DUP	30	30	<2	N/A	5
Q3595-01MS	LAW-25-0176MS	30	30	<2	MP87916	6
Q3595-01MSD	LAW-25-0176MSD	30	30	<2	MP87916	7

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SAMPLE DATA

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25 14:15
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.12	J	1	0.074	0.60	mg/L		11/07/25 18:18	300.0
Nitrate	1.80		1	0.095	0.50	mg/L		11/07/25 18:18	300.0
Nitrate+Nitrite	1.92		1	0.17	1.10	mg/L		11/07/25 18:18	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	8.70	J	1	1.50	10.0	mg/L		11/14/25 14:08	SM 5220 D-11
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 12:55	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:37	7196A
pH	6.73	H	1	0	0	pH		11/10/25 14:10	9040C
TDS	1600		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	0.66		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.6 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25 08:30
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.14	J	1	0.074	0.60	mg/L		11/07/25 18:40	300.0
Nitrate	1.00		1	0.095	0.50	mg/L		11/07/25 18:40	300.0
Nitrate+Nitrite	1.14		1	0.17	1.10	mg/L		11/07/25 18:40	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	78.5		1	1.50	10.0	mg/L		11/14/25 14:08	SM 5220 D-11
Cyanide	0.0036	J	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:02	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:39	7196A
pH	6.39	H	1	0	0	pH		11/10/25 14:15	9040C
TDS	14600		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	0.75		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25 08:15
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-3	SDG No.:	Q3584
Lab Sample ID:	Q3584-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.14	J	1	0.074	0.60	mg/L		11/07/25 19:45	300.0
Nitrate	1.10		1	0.095	0.50	mg/L		11/07/25 19:45	300.0
Nitrate+Nitrite	1.24		1	0.17	1.10	mg/L		11/07/25 19:45	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	76.5		1	1.50	10.0	mg/L		11/14/25 14:09	SM 5220 D-11
Cyanide	0.0023	J	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:02	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:39	7196A
pH	6.60	H	1	0	0	pH		11/10/25 14:22	9040C
TDS	12500		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	2.20		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25 15:25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.00096	U	1	0.00096	0.0050	mg/L	11/14/25 12:40	11/14/25 12:34	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:40	7196A
pH	7.40	H	1	0	0	pH		11/10/25 14:25	9040C

Comments: pH result reported at temperature 20.9 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25 08:55
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	FB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:08	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:40	7196A
pH	7.30	H	1	0	0	pH		11/10/25 14:30	9040C

Comments: pH result reported at temperature 20.5 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25 10:40
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.60		1	0.074	0.60	mg/L		11/07/25 20:28	300.0
Nitrate	4.40		1	0.095	0.50	mg/L		11/07/25 20:28	300.0
Nitrate+Nitrite	5.00		1	0.17	1.10	mg/L		11/07/25 20:28	300.0
BOD5	449		1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	5850	D	50	75.0	500	mg/L		11/14/25 14:09	SM 5220 D-11
Cyanide	0.031		1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:08	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:42	7196A
Oil and Grease	90.2		1	0.29	5.00	mg/L		11/13/25 10:00	1664A
pH	7.60	H	1	0	0	pH		11/10/25 14:37	9040C
TDS	2030		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	31.6	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	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:	11/07/25 10:40
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1DL	SDG No.:	Q3584
Lab Sample ID:	Q3584-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	138	D	20	2.20	10.0	mg/L	11/11/25 08:10	11/12/25 13:42	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.:** Q3584

Project: Edison Landfill **RunNo.:** LB137832

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/07/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	11/07/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/07/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	11/07/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **RunNo.:** LB137833

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: CCV1						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	11/07/2025
Chloride	mg/L	3	3	100	90-110	11/07/2025
Fluoride	mg/L	2	2	100	90-110	11/07/2025
Nitrite	mg/L	3	3	100	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	14.8	15	99	90-110	11/07/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	11/07/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **RunNo.:** LB137837

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.098	0.099	99	85-115	11/10/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.25	0.25	100	90-110	11/10/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.24	0.25	96	90-110	11/10/2025

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Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3584
Project:	Edison Landfill	**RunNo.:**	LB137843

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.02	7	100	90-110	11/10/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	11/10/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	11/10/2025
Sample ID: **CCV3**						
pH	pH	2.01	2.00	101	90-110	11/10/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

Project: Edison Landfill **RunNo.:** LB137901

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.095	0.099	96	90-110	11/14/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID:	CCV4						
Cyanide		mg/L	0.25	0.25	100	90-110	11/14/2025

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Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

Project: Edison Landfill **RunNo.:** LB137832

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	11/07/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **RunNo.:** LB137833

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	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **RunNo.:** LB137837

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID:	CCB2							
Cyanide		mg/L	0.0013	0.0025	J	0.0012	0.005	11/10/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

Project: Edison Landfill **RunNo.:** LB137901

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	11/14/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID:	CCB4							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:** Q3584

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137832BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/07/2025
Sample ID: LB137833BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: LB137845BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	11/10/2025
Sample ID: LB137871BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/07/2025
Sample ID: LB137877BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/13/2025
Sample ID: LB137904BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/14/2025
Sample ID: PB170465BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: PB170563BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
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
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
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
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MS
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	115		94.2		20.0	1	102		11/13/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MSD
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	113		94.2		20.0	1	95		11/13/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-01
Client ID: SW-1MS
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	0.038		0.0012	U	0.04	1	95		11/10/2025
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-01
Client ID: SW-1MSD
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	0.037		0.0012	U	0.04	1	92		11/10/2025
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-02
Client ID: SW-2MS
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	35.2	OR	25.7	OR	10	1	95		11/07/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/07/2025
Fluoride	mg/L	80-120	2.60		0.68		2	1	96		11/07/2025
Nitrite	mg/L	80-120	3.10		0.14	J	3	1	99		11/07/2025
Nitrate	mg/L	80-120	3.40		1.00		2.5	1	96		11/07/2025
Sulfate	mg/L	80-120	1370	OR	1420	OR	15	1	-333	*	11/07/2025
Orthophosphate as P	mg/L	80-120	4.90		0.34	U	5	1	98		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-02
Client ID: SW-2MSD
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	35.1	OR	25.7	OR	10	1	94		11/07/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/07/2025
Fluoride	mg/L	80-120	2.60		0.68		2	1	96		11/07/2025
Nitrite	mg/L	80-120	3.10		0.14	J	3	1	99		11/07/2025
Nitrate	mg/L	80-120	3.40		1.00		2.5	1	96		11/07/2025
Sulfate	mg/L	80-120	1370	OR	1420	OR	15	1	-333	*	11/07/2025
Orthophosphate as P	mg/L	80-120	5.20		0.34	U	5	1	104		11/07/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
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.: Q3584
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.: Q3584
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
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.: Q3584
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
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.: Q3584
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025DUP
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	469		466		1	0.64		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3578-01
Client ID: MH-1172025MSD
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	115		113		1	1.23		11/13/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-01
Client ID: SW-1DUP
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		11/07/2025
Cyanide	mg/L	+/-20	0.0012	U	0.0012	U	1	0		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-01
Client ID: SW-1MSD
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	0.93		0.93		2	0.43		11/07/2025
Cyanide	mg/L	+/-20	0.038		0.037		1	3		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-02
Client ID: SW-2MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Fluoride	mg/L	+/-20	2.60		2.60		1	0		11/07/2025
Nitrate	mg/L	+/-20	3.40		3.40		1	0		11/07/2025
Nitrite	mg/L	+/-20	3.10		3.10		1	0		11/07/2025
Bromide	mg/L	+/-20	35.2	OR	35.1	OR	1	0		11/07/2025
Sulfate	mg/L	+/-20	1370	OR	1370	OR	1	0		11/07/2025
Chloride	mg/L	+/-20	0.19	U	0.19	U	1	0		11/07/2025
Orthophosphate as P	mg/L	+/-20	4.90		5.20		1	6		11/07/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3584-03
Client ID: SW-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	12500		13000		1	3.22		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
Project: Edison Landfill
Sample ID: Q3595-01
Client ID: LAW-25-0176DUP
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	7.13		7.15		1	0.28		11/10/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3584
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.: Q3584
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.:**	Q3584
Project:	Edison Landfill	**Run No.:**	LB137832

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137832BS								
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Run No.:** LB137833

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137833BSW								
Bromide	mg/L	10	10.5		105	1	90-110	11/07/2025
Chloride	mg/L	3	3.20		107	1	90-110	11/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/07/2025
Sulfate	mg/L	15	15.6		104	1	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Run No.:** LB137845

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137845BS								
TDS	mg/L	100	94.0		94	1	90-110	11/10/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Run No.:** LB137871

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137871BS								
BOD5	mg/L	198	178		90	1	84.6-115.4	11/07/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

Project: Edison Landfill **Run No.:** LB137877

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137877BS								
Oil and Grease	mg/L	20.0	18.2		91	1	78-114	11/13/2025

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Laboratory Control Sample Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3584

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.:**	Q3584
Project:	Edison Landfill	**Run No.:**	LB137837

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170465BS								
Cyanide	mg/L	0.1	0.097		97	1	85-115	11/10/2025

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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3584
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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Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3584
Project:	Edison Landfill	**Run No.:**	LB137901

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB170563BS**								
Cyanide	mg/L	0.1	0.096		96	1	85-115	11/14/2025

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137832

Review By	rubina	Review On	11/10/2025 4:39:45 PM
Supervise By	Iwona	Supervise On	11/10/2025 4:42:11 PM
SubDirectory	LB137832	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	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/07/25 19:30		rubina	OK
2	CAL2	CAL2	CAL	11/07/25 19:30		rubina	OK
3	CAL3	CAL3	CAL	11/07/25 19:31		rubina	OK
4	CAL4	CAL4	CAL	11/07/25 19:31		rubina	OK
5	CAL5	CAL5	CAL	11/07/25 19:32		rubina	OK
6	CAL6	CAL6	CAL	11/07/25 19:32		rubina	OK
7	CAL7	CAL7	CAL	11/07/25 19:33		rubina	OK
8	ICV	ICV	ICV	11/07/25 19:33		rubina	OK
9	ICB	ICB	ICB	11/07/25 19:34		rubina	OK
10	CCV1	CCV1	CCV	11/07/25 19:34		rubina	OK
11	CCB1	CCB1	CCB	11/07/25 19:35		rubina	OK
12	RL Check	RL Check	RL	11/07/25 19:35		rubina	OK
13	LB137832BL	LB137832BL	MB	11/07/25 19:36		rubina	OK
14	LB137832BS	LB137832BS	LCS	11/07/25 19:36		rubina	OK
15	Q3584-01	SW-1	SAM	11/07/25 19:37		rubina	OK
16	Q3584-01DUP	SW-1DUP	DUP	11/07/25 19:37		rubina	OK
17	Q3584-01MS	SW-1MS	MS	11/07/25 19:38	2ML WP113880+98.0ML SAMPLE	rubina	OK
18	Q3584-01MSD	SW-1MSD	MSD	11/07/25 19:38	2ML WP113880+98.0ML SAMPLE	rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137832

Review By	rubina	Review On	11/10/2025 4:39:45 PM
Supervise By	Iwona	Supervise On	11/10/2025 4:42:11 PM
SubDirectory	LB137832	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	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552

19	Q3584-02	SW-2	SAM	11/07/25 19:39		rubina	OK
20	Q3584-03	SW-3	SAM	11/07/25 19:39		rubina	OK
21	Q3584-04	EB-2	SAM	11/07/25 19:40		rubina	OK
22	Q3584-05	FB-2	SAM	11/07/25 19:40		rubina	OK
23	CCV2	CCV2	CCV	11/07/25 19:41		rubina	OK
24	CCB2	CCB2	CCB	11/07/25 19:41		rubina	OK
25	Q3584-07	SEEP-1	SAM	11/07/25 19:42		rubina	OK
26	CCV3	CCV3	CCV	11/07/25 19:42		rubina	OK
27	CCB3	CCB3	CCB	11/07/25 19:43		rubina	OK

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137833

Review By	rubina	Review On	11/11/2025 12:51:43 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:42 PM
SubDirectory	LB137833	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115574
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115575
Chk Standard	WP115449,WP115450

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	11/03/25 15:58		RM/IZ	OK
2	STD2	STD2	CAL2	11/03/25 16:22		RM/IZ	OK
3	STD3	STD3	CAL3	11/03/25 17:04		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	11/07/25 15:28		RM/IZ	OK
11	CCB1	CCB1	CCB	11/07/25 15:49		RM/IZ	OK
12	LB137833BLW	LB137833BLW	MB	11/07/25 16:11		RM/IZ	OK
13	LB137833BSW	LB137833BSW	LCS	11/07/25 16:32		RM/IZ	OK
14	Q3584-01	SW-1	SAM	11/07/25 18:18		RM/IZ	OK
15	Q3584-02	SW-2	SAM	11/07/25 18:40		RM/IZ	OK
16	Q3584-02MS	SW-2MS	MS	11/07/25 19:01		RM/IZ	OK
17	Q3584-02MSD	SW-2MSD	MSD	11/07/25 19:23		RM/IZ	OK
18	Q3584-03	SW-3	SAM	11/07/25 19:45		RM/IZ	OK

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137833

Review By	rubina	Review On	11/11/2025 12:51:43 PM
Supervise By	lwona	Supervise On	11/11/2025 2:07:42 PM
SubDirectory	LB137833	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447
ICV Standard	WP115448
CCV Standard	WP115574
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115575
Chk Standard	WP115449,WP115450

19	Q3584-04	EB-2	SAM	11/07/25 20:06		RM/IZ	OK
20	Q3584-07	SEEP-1	SAM	11/07/25 20:28		RM/IZ	OK
21	CCV2	CCV2	CCV	11/07/25 20:49		RM/IZ	OK
22	CCB2	CCB2	CCB	11/07/25 21:11		RM/IZ	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137837

Review By	rubina	Review On	11/11/2025 12:53:44 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:52 PM
SubDirectory	LB137837	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583
ICV Standard	W3012
CCV Standard	WP115578
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115585

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/10/25 10:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/10/25 10:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/10/25 10:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/10/25 10:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/10/25 10:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/10/25 10:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/10/25 10:56		rubina	OK
8	ICV1	ICV1	ICV	11/10/25 12:47		rubina	OK
9	ICB1	ICB1	ICB	11/10/25 12:47		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 12:47		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 12:47		rubina	OK
12	RL	RL	LOQ	11/10/25 12:47		rubina	OK
13	PB170465BL	PB170465BL	MB	11/10/25 12:54		rubina	OK
14	PB170465BS	PB170465BS	LCS	11/10/25 12:54		rubina	OK
15	MIDPB170465	MIDPB170465	SAM	11/10/25 12:54		rubina	OK
16	Q3584-01	SW-1	SAM	11/10/25 12:55		rubina	OK
17	Q3584-01DUP	SW-1DUP	DUP	11/10/25 12:55		rubina	OK
18	Q3584-01MS	SW-1MS	MS	11/10/25 13:02		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137837

Review By	rubina	Review On	11/11/2025 12:53:44 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:52 PM
SubDirectory	LB137837	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583
ICV Standard	W3012
CCV Standard	WP115578
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115585

19	Q3584-01MSD	SW-1MSD	MSD	11/10/25 13:02		rubina	OK
20	Q3584-02	SW-2	SAM	11/10/25 13:02		rubina	OK
21	Q3584-03	SW-3	SAM	11/10/25 13:02		rubina	OK
22	CCV2	CCV2	CCV	11/10/25 13:02		rubina	OK
23	CCB2	CCB2	CCB	11/10/25 13:02		rubina	OK
24	Q3584-05	FB-2	SAM	11/10/25 13:08		rubina	OK
25	Q3584-07	SEEP-1	SAM	11/10/25 13:08		rubina	OK
26	CCV3	CCV3	CCV	11/10/25 13:08		rubina	OK
27	CCB3	CCB3	CCB	11/10/25 13:08		rubina	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	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	11/10/25 13:33		jignesh	OK
2	CAL2	CAL2	CAL	11/10/25 13:35		jignesh	OK
3	CAL3	CAL3	CAL	11/10/25 13:36		jignesh	OK
4	ICV	ICV	ICV	11/10/25 13:37		jignesh	OK
5	CCV1	CCV1	CCV	11/10/25 13:39		jignesh	OK
6	Q3569-01	MW-2	SAM	11/10/25 13:44		jignesh	OK
7	Q3569-02	MW-12	SAM	11/10/25 13:47		jignesh	OK
8	Q3574-01	304641-01 Liquid	SAM	11/10/25 13:55		jignesh	OK
9	Q3578-01	MH-1172025	SAM	11/10/25 14:00		jignesh	OK
10	Q3584-01	SW-1	SAM	11/10/25 14:10		jignesh	OK
11	Q3584-02	SW-2	SAM	11/10/25 14:15		jignesh	OK
12	Q3584-03	SW-3	SAM	11/10/25 14:22		jignesh	OK
13	Q3584-04	EB-2	SAM	11/10/25 14:25		jignesh	OK
14	Q3584-05	FB-2	SAM	11/10/25 14:30		jignesh	OK
15	Q3584-07	SEEP-1	SAM	11/10/25 14:37		jignesh	OK
16	CCV2	CCV2	CCV	11/10/25 14:40		jignesh	OK
17	Q3595-01	LAW-25-0176	SAM	11/10/25 14:48		jignesh	OK
18	Q3595-01DUP	LAW-25-0176DUP	DUP	11/10/25 14:50		jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	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

19	CCV3	CCV3	CCV	11/10/25 15:00		jignesh	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137845

Review By	jignesh	Review On	11/11/2025 12:57:35 PM
Supervise By	Iwona	Supervise On	11/11/2025 1:06:25 PM
SubDirectory	LB137845	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	LB137845BL	LB137845BL	MB	11/10/25 11:30		jignesh	OK
2	LB137845BS	LB137845BS	LCS	11/10/25 11:30	WP115591	jignesh	OK
3	Q3569-01	MW-2	SAM	11/10/25 11:30		jignesh	OK
4	Q3569-02	MW-12	SAM	11/10/25 11:30		jignesh	OK
5	Q3584-01	SW-1	SAM	11/10/25 11:30		jignesh	OK
6	Q3584-02	SW-2	SAM	11/10/25 11:30		jignesh	OK
7	Q3584-03	SW-3	SAM	11/10/25 11:30		jignesh	OK
8	Q3584-03DUP	SW-3DUP	DUP	11/10/25 11:30		jignesh	OK
9	Q3584-07	SEEP-1	SAM	11/10/25 11:30		jignesh	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: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB137871

Review By	rubina	Review On	11/12/2025 5:02:23 PM
Supervise By	Iwona	Supervise On	11/12/2025 5:02:41 PM
SubDirectory	LB137871	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	WP115513,W3149,WP115342,W3103,W3109,W3248,WP115515,WP115514,WP113878

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137871BL	LB137871BL	MB	11/07/25 19:00		rubina	OK
2	LB137871BS	LB137871BS	LCS	11/07/25 19:00		rubina	OK
3	Q3575-01	001 Willets Pt Blvd (N	SAM	11/07/25 19:00		rubina	OK
4	Q3575-02	002 35th Ave (Nov)	SAM	11/07/25 19:00		rubina	OK
5	Q3578-01	MH-1172025	SAM	11/07/25 19:00		rubina	OK
6	Q3578-01DUP	MH-1172025DUP	DUP	11/07/25 19:00		rubina	OK
7	Q3584-01	SW-1	SAM	11/07/25 19:00		rubina	OK
8	Q3584-02	SW-2	SAM	11/07/25 19:00		rubina	OK
9	Q3584-03	SW-3	SAM	11/07/25 19:00		rubina	OK
10	Q3584-05	FB-2	SAM	11/07/25 19:00		rubina	OK
11	Q3584-07	SEEP-1	SAM	11/07/25 19:00		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB137877

Review By	jignesh	Review On	11/13/2025 3:41:31 PM
Supervise By	Iwona	Supervise On	11/13/2025 4:58:34 PM
SubDirectory	LB137877	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	LB137877BL	LB137877BL	MB	11/13/25 10:00		jignesh	OK
2	LB137877BS	LB137877BS	LCS	11/13/25 10:00		jignesh	OK
3	Q3530-09	MDL-WATER-03-QT4	SAM	11/13/25 10:00		jignesh	OK
4	Q3569-01	MW-2	SAM	11/13/25 10:00		jignesh	OK
5	Q3569-02	MW-12	SAM	11/13/25 10:00		jignesh	OK
6	Q3575-01	001 Willets Pt Blvd (N	SAM	11/13/25 10:00		jignesh	OK
7	Q3575-02	002 35th Ave (Nov)	SAM	11/13/25 10:00		jignesh	OK
8	Q3578-01	MH-1172025	SAM	11/13/25 10:00		jignesh	OK
9	Q3578-02	Q3578-01MS	MS	11/13/25 10:00		jignesh	OK
10	Q3578-03	Q3578-01MSD	MSD	11/13/25 10:00		jignesh	OK
11	Q3584-07	SEEP-1	SAM	11/13/25 10:00		jignesh	OK
12	Q3616-01	OIL AND GREASE-1	SAM	11/13/25 10:00		jignesh	OK
13	Q3616-02	OIL AND GREASE-2	SAM	11/13/25 10:00		jignesh	OK
14	Q3616-03	OIL AND GREASE-3	SAM	11/13/25 10:00		jignesh	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666
ICV Standard	W3012
CCV Standard	WP115661
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115668

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/14/25 09:19		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/14/25 09:19		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/14/25 09:19		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/14/25 09:19		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/14/25 09:19		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/14/25 09:19		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/14/25 09:19		rubina	OK
8	ICV1	ICV1	ICV	11/14/25 11:56		rubina	OK
9	ICB1	ICB1	ICB	11/14/25 11:56		rubina	OK
10	CCV1	CCV1	CCV	11/14/25 11:56		rubina	OK
11	CCB1	CCB1	CCB	11/14/25 11:56		rubina	OK
12	PB170546BL	PB170546BL	MB	11/14/25 11:56		rubina	OK
13	PB170546BS	PB170546BS	LCS	11/14/25 11:57		rubina	OK
14	LOWPB170546	LOWPB170546	SAM	11/14/25 12:04		rubina	OK
15	HIGHPB170546	HIGHPB170546	SAM	11/14/25 12:04		rubina	OK
16	Q3609-01	AU-713-COMP-01	SAM	11/14/25 12:04		rubina	OK
17	Q3609-01DUP	AU-713-COMP-01DU	DUP	11/14/25 12:04		rubina	OK
18	Q3609-01MS	AU-713-COMP-01MS	MS	11/14/25 12:12		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666
ICV Standard	W3012
CCV Standard	WP115661
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115668

19	Q3609-01MSD	AU-713-COMP-01MS	MSD	11/14/25 12:12		rubina	OK
20	Q3609-04	AU-713-COMP-02	SAM	11/14/25 12:12		rubina	OK
21	Q3609-07	AU-713-COMP-03	SAM	11/14/25 12:12		rubina	OK
22	CCV2	CCV2	CCV	11/14/25 12:12		rubina	OK
23	CCB2	CCB2	CCB	11/14/25 12:19		rubina	OK
24	Q3609-10	AU-713-COMP-04	SAM	11/14/25 12:19		rubina	OK
25	Q3609-13	AU-713-COMP-05	SAM	11/14/25 12:19		rubina	OK
26	Q3618-01	EME-TOP-SOIL	SAM	11/14/25 12:19		rubina	OK
27	Q3618-02	EME-GENERAL-FILL	SAM	11/14/25 12:19		rubina	OK
28	Q3621-02	VNJ-231	SAM	11/14/25 12:19		rubina	OK
29	Q3624-01	OK-02-11122025	SAM	11/14/25 12:19		rubina	OK
30	Q3631-01	VNJ-202	SAM	11/14/25 12:19		rubina	OK
31	Q3631-03	VNJ-208	SAM	11/14/25 12:19		rubina	OK
32	Q3633-01	ETGI-369	SAM	11/14/25 12:19		rubina	OK
33	Q3633-03	ETGI-342	SAM	11/14/25 12:27		rubina	OK
34	CCV3	CCV3	CCV	11/14/25 12:27		rubina	OK
35	CCB3	CCB3	CCB	11/14/25 12:27		rubina	OK
36	Q3633-05	ETGI-368	SAM	11/14/25 12:27		rubina	OK
37	Q3641-01	TR-05-111325	SAM	11/14/25 12:27		rubina	OK
38	PB170563BL	PB170563BL	MB	11/14/25 12:34		rubina	OK

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Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666
ICV Standard	W3012
CCV Standard	WP115661
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115668

39	PB170563BS	PB170563BS	LCS	11/14/25 12:34		rubina	OK
40	Q3584-04	EB-2	SAM	11/14/25 12:34		rubina	OK
41	CCV4	CCV4	CCV	11/14/25 12:39		rubina	OK
42	CCB4	CCB4	CCB	11/14/25 12:40		rubina	OK

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

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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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:	Q3584	**OrderDate:**	11/7/2025 3:17:00 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
Q3584-01	**SW-1**	**WATER**			**11/06/25 14:15**			**11/07/25**
			Anions Group1	300.0			11/07/25 18:18	
			BOD5	SM5210 B			11/07/25 19:00	
			COD	SM5220 D			11/14/25 14:08	
			Cyanide	9012B		11/10/25	11/10/25 12:55	
			Hexavalent Chromium	7196A			11/07/25 19:37	
			pH	9040C			11/10/25 14:10	
			TDS	SM2540 C			11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:04	
Q3584-02	**SW-2**	**WATER**			**11/07/25 08:30**			**11/07/25**
			Anions Group1	300.0			11/07/25 18:40	
			BOD5	SM5210 B			11/07/25 19:00	
			COD	SM5220 D			11/14/25 14:08	
			Cyanide	9012B		11/10/25	11/10/25 13:02	

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LAB CHRONICLE

			Hexavalent Chromium	7196A		11/07/25 19:39	
			pH	9040C		11/10/25 14:15	
			TDS	SM2540 C		11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04	
Q3584-03	**SW-3**	**WATER**			**11/07/25 08:15**		**11/07/25**
			Anions Group1	300.0		11/07/25 19:45	
			BOD5	SM5210 B		11/07/25 19:00	
			COD	SM5220 D		11/14/25 14:09	
			Cyanide	9012B	11/10/25	11/10/25 13:02	
			Hexavalent Chromium	7196A		11/07/25 19:39	
			pH	9040C		11/10/25 14:22	
			TDS	SM2540 C		11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04	
Q3584-04	**EB-2**	**WATER**			**11/06/25 15:25**		**11/07/25**
			Cyanide	9012B	11/14/25	11/14/25 12:34	
			Hexavalent Chromium	7196A		11/07/25 19:40	
			pH	9040C		11/10/25 14:25	

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LAB CHRONICLE

Q3584-05	**FB-2**	**WATER**			**11/07/25 08:55**		**11/07/25**
			BOD5	SM5210 B		11/07/25 19:00	
			Cyanide	9012B	11/10/25	11/10/25 13:08	
			Hexavalent Chromium	7196A		11/07/25 19:40	
			pH	9040C		11/10/25 14:30	
Q3584-07	**SEEP-1**	**WATER**			**11/07/25 10:40**		**11/07/25**
			Anions Group1	300.0		11/07/25 20:28	
			BOD5	SM5210 B		11/07/25 19:00	
			COD	SM5220 D		11/14/25 14:09	
			Cyanide	9012B	11/10/25	11/10/25 13:08	
			Hexavalent Chromium	7196A		11/07/25 19:42	
			Oil and Grease	1664A		11/13/25 10:00	
			pH	9040C		11/10/25 14:37	
			TDS	SM2540 C		11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 12:04	
Q3584-07DL	**SEEP-1DL**	**WATER**			**11/07/25 10:40**		**11/07/25**
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	11/11/25	11/12/25 13:42	

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170465

SOP ID : MSM4500-CN C,E-Cyanide-13

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: 11/10/2025 **Time :** 08:15 **Temp :** 124 °C

End Digest Date: 11/10/2025 **Time :** 09:45 **Temp :** 126 °C

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: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
RL CHECK	50.0ML	WP115582
PBW	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	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	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 09:55	JP/WC	RM(WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170465

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170465BL	PBW465	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170465BS	LCS465	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01DUP	SW-1DUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01MS	SW-1MS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01MSD	SW-1MSD	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01	SW-1	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-02	SW-2	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-03	SW-3	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-05	FB-2	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-07	SEEP-1	50	50	>12	Negative	Negative	Negative	N/A	N/A

A
B
C
D
E
F

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

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170563

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/14/2025 **Time :** 10:05 **Temp :** 124 °C

Matrix : WATER

End Digest Date: 11/14/2025 **Time :** 11:35 **Temp :** 128 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature:

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	50.0ML	WP113838
PBW	50.0ML	W3112
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
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	5.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
Lead Acetate strip	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 PB170546
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 PB170546
LOWSTD	LOWSTD	N/A	AS PER PB170546

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/14/2025 11:45	WC	RH (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170563

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170563BL	PB170563BL	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170563BS	LCS563	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-04	EB-2	50	50	>12	Negative	Negative	Negative	N/A	N/A

A
B
C
D
E
F