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

Hit Summary Sheet
SW-846

SDG No.: Q2372

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**GAV1W**							
Q2372-01	GAV1W	Water	Acetone	110		1.50	5.00	ug/L
			Total Voc :	110				
			Total Concentration:	110				
Client ID:	**GAV2W**							
Q2372-02	GAV2W	Water	Acetone	3.30	J	1.50	5.00	ug/L
			Total Voc :	3.30				
			Total Concentration:	3.30				

SAMPLE DATA

Raw Data: **VX046773.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046773.D	1		06/19/25 16:27	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX046773.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046773.D	1		06/19/25 16:27	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	140000	5.562			
540-36-3	1,4-Difluorobenzene	239000	6.769			
3114-55-4	Chlorobenzene-d5	217000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	109000	12.018			

Raw Data: **VX046773.D**

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

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046773.D	1		06/19/25 16:27	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX046772.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV2W	SDG No.:	Q2372
Lab Sample ID:	Q2372-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046772.D	1		06/19/25 16:06	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	3.30	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX046772.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV2W	SDG No.:	Q2372
Lab Sample ID:	Q2372-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046772.D	1		06/19/25 16:06	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	169000	5.562			
540-36-3	1,4-Difluorobenzene	291000	6.769			
3114-55-4	Chlorobenzene-d5	261000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	131000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV2W	SDG No.:	Q2372
Lab Sample ID:	Q2372-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046772.D	1		06/19/25 16:06	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

SDG No.: Q2372

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2372-01	GAV1W	1,2-Dichloroethane-d4	50	48.8	98	70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103	70 (77)	130 (121)
Q2372-02	GAV2W	1,2-Dichloroethane-d4	50	48.7	97	70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0619WBL01	VX0619WBL01	1,2-Dichloroethane-d4	50	48.3	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.0	98	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VX0619WBS01	VX0619WBS01	1,2-Dichloroethane-d4	50	49.8	100	70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108	70 (77)	130 (121)
VX0619WBSD0	VX0619WBSD01	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	52.7	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.9	110	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.: Q2372

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0619WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	21.2	ug/L	106			40 (58)	160 (125)	
	Chloroethane	20	19.9	ug/L	100			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.4	ug/L	92			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.6	ug/L	93			70 (74)	130 (110)	
	Acetone	100	74.1	ug/L	74			40 (60)	160 (125)	
	Carbon disulfide	20	17.0	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.0	ug/L	85			70 (78)	130 (114)	
	Methyl Acetate	20	16.0	ug/L	80			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.5	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	78.9	ug/L	79			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.0	ug/L	90			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	20.8	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.0	ug/L	95			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	18.5	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.5	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.4	ug/L	92			70 (83)	130 (111)	
	Bromodichloromethane	20	18.9	ug/L	95			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.6	ug/L	82			40 (74)	160 (118)	
	Toluene	20	19.0	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.2	ug/L	91			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	78.9	ug/L	79			40 (73)	160 (117)	
	Dibromochloromethane	20	18.4	ug/L	92			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.0	ug/L	90			70 (81)	130 (110)	
	Tetrachloroethene	20	17.7	ug/L	89			70 (67)	130 (123)	
	Chlorobenzene	20	18.0	ug/L	90			70 (82)	130 (109)	
	Ethyl Benzene	20	18.0	ug/L	90			70 (83)	130 (109)	
	m/p-Xylenes	40	37.2	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	18.6	ug/L	93			70 (83)	130 (109)	
	Styrene	20	18.3	ug/L	92			70 (80)	130 (111)	
	Bromoform	20	16.7	ug/L	84			70 (79)	130 (109)	
	Isopropylbenzene	20	18.1	ug/L	91			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.5	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046762.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBS01	1,2-Dibromo-3-Chloropropane	20	15.1	ug/L	76			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.5	ug/L	98	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.7	ug/L	99	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	22.2	ug/L	111	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.6	ug/L	103	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.3	ug/L	97	5		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99	6		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.5	ug/L	98	5		70 (74)	130 (110)	20 (20)
	Acetone	100	81.5	ug/L	82	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.0	ug/L	90	6		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	10		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	17.8	ug/L	89	11		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.3	ug/L	97	6		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.4	ug/L	97	4		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.7	ug/L	99	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	87.0	ug/L	87	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.1	ug/L	96	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	23.1	ug/L	116	11		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.5	ug/L	103	8		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.3	ug/L	97	9		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	2		70 (72)	130 (115)	20 (20)
	Benzene	20	20.0	ug/L	100	5		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.1	ug/L	101	8		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.3	ug/L	97	5		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.3	ug/L	102	10		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.1	ug/L	101	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	91.8	ug/L	92	11		40 (74)	160 (118)	20 (25)
	Toluene	20	20.3	ug/L	102	7		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.5	ug/L	98	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	9		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.4	ug/L	102	9		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	88.8	ug/L	89	12		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.9	ug/L	100	8		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	12		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.8	ug/L	94	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.4	ug/L	97	7		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.1	ug/L	96	6		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.8	ug/L	97	4		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.8	ug/L	99	6		70 (83)	130 (109)	20 (20)
	Styrene	20	19.7	ug/L	99	7		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.4	ug/L	92	9		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.6	ug/L	93	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	18.4	ug/L	92	7		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.6	ug/L	93	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.8	ug/L	89	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.0	ug/L	95	4		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046763.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0619WBSD01	1,2-Dibromo-3-Chloropropane	20	16.1	ug/L	81	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	7		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.2	ug/L	91	3		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0619WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: VX046760.D Lab Sample ID: VX0619WBL01

Date Analyzed: 06/19/2025 Time Analyzed: 10:33

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
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025
GAV2W	Q2372-02	VX046772.D	06/19/2025
GAV1W	Q2372-01	VX046773.D	06/19/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: VX046715.D BFB Injection Date: 06/17/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:46

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	18.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (96.2) 1
177	5.0 - 9.0% of mass 176	4.3 (6) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC005	VSTDICC005	VX046718.D	06/17/2025	11:19
VSTDICC020	VSTDICC020	VX046719.D	06/17/2025	13:59
VSTDICCC050	VSTDICCC050	VX046720.D	06/17/2025	14:20
VSTDICC100	VSTDICC100	VX046721.D	06/17/2025	14:41
VSTDICC150	VSTDICC150	VX046722.D	06/17/2025	15:02
VSTDICC001	VSTDICC001	VX046725.D	06/17/2025	17:18

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: VX046757.D BFB Injection Date: 06/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:42

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	18.8
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.7 (7.8) 1
176	95.0 - 101.0% of mass 174	71.1 (97.9) 1
177	5.0 - 9.0% of mass 176	4.5 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VX046758.D	06/19/2025	09:43
VX0619WBL01	VX0619WBL01	VX046760.D	06/19/2025	10:33
VX0619WBS01	VX0619WBS01	VX046762.D	06/19/2025	11:24
VX0619WBSD01	VX0619WBSD01	VX046763.D	06/19/2025	11:51
GAV2W	Q2372-02	VX046772.D	06/19/2025	16:06
GAV1W	Q2372-01	VX046773.D	06/19/2025	16:27

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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	137182	5.56	224265	6.76	197740	10.05
UPPER LIMIT	274364	6.056	448530	7.263	395480	10.549
LOWER LIMIT	68591	5.056	112133	6.263	98870	9.549
EPA SAMPLE NO.						
GAV1W	139696	5.56	239120	6.77	216781	10.06
GAV2W	168816	5.56	291352	6.77	260859	10.05
VX0619WBL01	124937	5.56	212303	6.77	191555	10.06
VX0619WBS01	137936	5.56	227140	6.77	207463	10.06
VX0619WBSD01	120371	5.56	199496	6.76	183807	10.06

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: VX046758.D Date Analyzed: 06/19/2025

Instrument ID: MSVOA_X Time Analyzed: 09:43

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

	IS4 AREA #	RT #				
12 HOUR STD	96867	12.018				
UPPER LIMIT	193734	12.518				
LOWER LIMIT	48433.5	11.518				
EPA SAMPLE NO.						
GAV1W	109489	12.02				
GAV2W	131317	12.02				
VX0619WBL01	93040	12.02				
VX0619WBS01	104652	12.02				
VX0619WBSD01	94851	12.02				

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: **VX046760.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX046760.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	VX0619WBL01		SDG No.:	Q2372	
Lab Sample ID:	VX0619WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	125000	5.562			
540-36-3	1,4-Difluorobenzene	212000	6.769			
3114-55-4	Chlorobenzene-d5	192000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018			

Raw Data: **VX046760.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBL01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046760.D	1		06/19/25 10:33	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX046762.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	21.2		1.40	5.00	ug/L
75-00-3	Chloroethane	19.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
67-64-1	Acetone	74.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	16.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	78.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.6		0.68	5.00	ug/L
108-88-3	Toluene	19.0		0.14	1.00	ug/L

Raw Data: **VX046762.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	VX0619WBS01		SDG No.:	Q2372	
Lab Sample ID:	VX0619WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	78.9		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.6		0.12	1.00	ug/L
100-42-5	Styrene	18.3		0.15	1.00	ug/L
75-25-2	Bromoform	16.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	138000	5.562			
540-36-3	1,4-Difluorobenzene	227000	6.769			
3114-55-4	Chlorobenzene-d5	207000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	105000	12.018			

Raw Data: **VX046762.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBS01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046762.D	1		06/19/25 11:24	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX046763.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	19.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.7		0.26	1.00	ug/L
74-83-9	Bromomethane	22.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.5		0.23	1.00	ug/L
67-64-1	Acetone	81.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.1		0.22	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.8		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

Raw Data: **VX046763.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Ave B		Date Received:		
Client Sample ID:	VX0619WBSD01		SDG No.:	Q2372	
Lab Sample ID:	VX0619WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	88.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.8		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	52.7		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.562			
540-36-3	1,4-Difluorobenzene	199000	6.763			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	94900	12.018			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	VX0619WBSD01	SDG No.:	Q2372
Lab Sample ID:	VX0619WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046763.D	1		06/19/25 11:51	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4

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

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	13.3

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.565		5.8	20
Chloromethane	0.576	0.595	0.1	3.3	20
Vinyl Chloride	0.614	0.641		4.4	20
Bromomethane	0.346	0.384		10.98	20
Chloroethane	0.372	0.387		4.03	20
Trichlorofluoromethane	0.933	0.957		2.57	20
1,1,2-Trichlorotrifluoroethane	0.572	0.592		3.5	20
1,1-Dichloroethene	0.552	0.572		3.62	20
Acetone	0.231	0.185		-19.91	20
Carbon Disulfide	1.668	1.595		-4.38	20
Methyl tert-butyl Ether	1.720	1.569		-8.78	20
Methyl Acetate	0.586	0.480		-18.09	20
Methylene Chloride	0.641	0.618		-3.59	20
trans-1,2-Dichloroethene	0.591	0.587		-0.68	20
1,1-Dichloroethane	1.092	1.081	0.1	-1.01	20
Cyclohexane	1.036	1.018		-1.74	20
2-Butanone	0.326	0.263		-19.33	20
Carbon Tetrachloride	0.518	0.515		-0.58	20
cis-1,2-Dichloroethene	0.694	0.686		-1.15	20
Bromochloromethane	0.495	0.476		-3.84	20
Chloroform	1.092	1.093		0.09	20
1,1,1-Trichloroethane	0.958	0.939		-1.98	20
Methylcyclohexane	0.628	0.627		-0.32	20
Benzene	1.413	1.415		0.14	20
1,2-Dichloroethane	0.497	0.481		-3.22	20
Trichloroethene	0.360	0.357		-0.83	20
1,2-Dichloropropane	0.350	0.353		0.86	20
Bromodichloromethane	0.514	0.521		1.36	20
4-Methyl-2-Pentanone	0.411	0.339		-17.52	20
Toluene	0.876	0.877		0.11	20
t-1,3-Dichloropropene	0.477	0.481		0.84	20
cis-1,3-Dichloropropene	0.541	0.545		0.74	20
1,1,2-Trichloroethane	0.327	0.311		-4.89	20
2-Hexanone	0.284	0.229		-19.37	20
Dibromochloromethane	0.385	0.377		-2.08	20
1,2-Dibromoethane	0.332	0.317		-4.52	20
Tetrachloroethene	0.346	0.344		-0.58	20
Chlorobenzene	1.104	1.089	0.3	-1.36	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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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: MSVOA_X Calibration Date/Time: 06/19/2025 09:43

Lab File ID: VX046758.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	1.918		-0.57	20
m/p-Xylenes	0.719	0.724		0.69	20
o-Xylene	0.673	0.687		2.08	20
Styrene	1.179	1.192		1.1	20
Bromoform	0.282	0.263	0.1	-6.74	20
Isopropylbenzene	3.682	3.747		1.76	20
1,1,2,2-Tetrachloroethane	1.028	0.933	0.3	-9.24	20
1,3-Dichlorobenzene	1.728	1.670		-3.36	20
1,4-Dichlorobenzene	1.775	1.693		-4.62	20
1,2-Dichlorobenzene	1.615	1.598		-1.05	20
1,2-Dibromo-3-Chloropropane	0.203	0.164		-19.21	20
1,2,4-Trichlorobenzene	1.148	1.111		-3.22	20
1,2,3-Trichlorobenzene	1.098	1.064		-3.1	20
1,2-Dichloroethane-d4	0.692	0.639		-7.66	20
Dibromofluoromethane	0.331	0.327		-1.21	20
Toluene-d8	1.189	1.166		-1.93	20
4-Bromofluorobenzene	0.443	0.433		-2.26	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\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Time: Jun 20 05:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

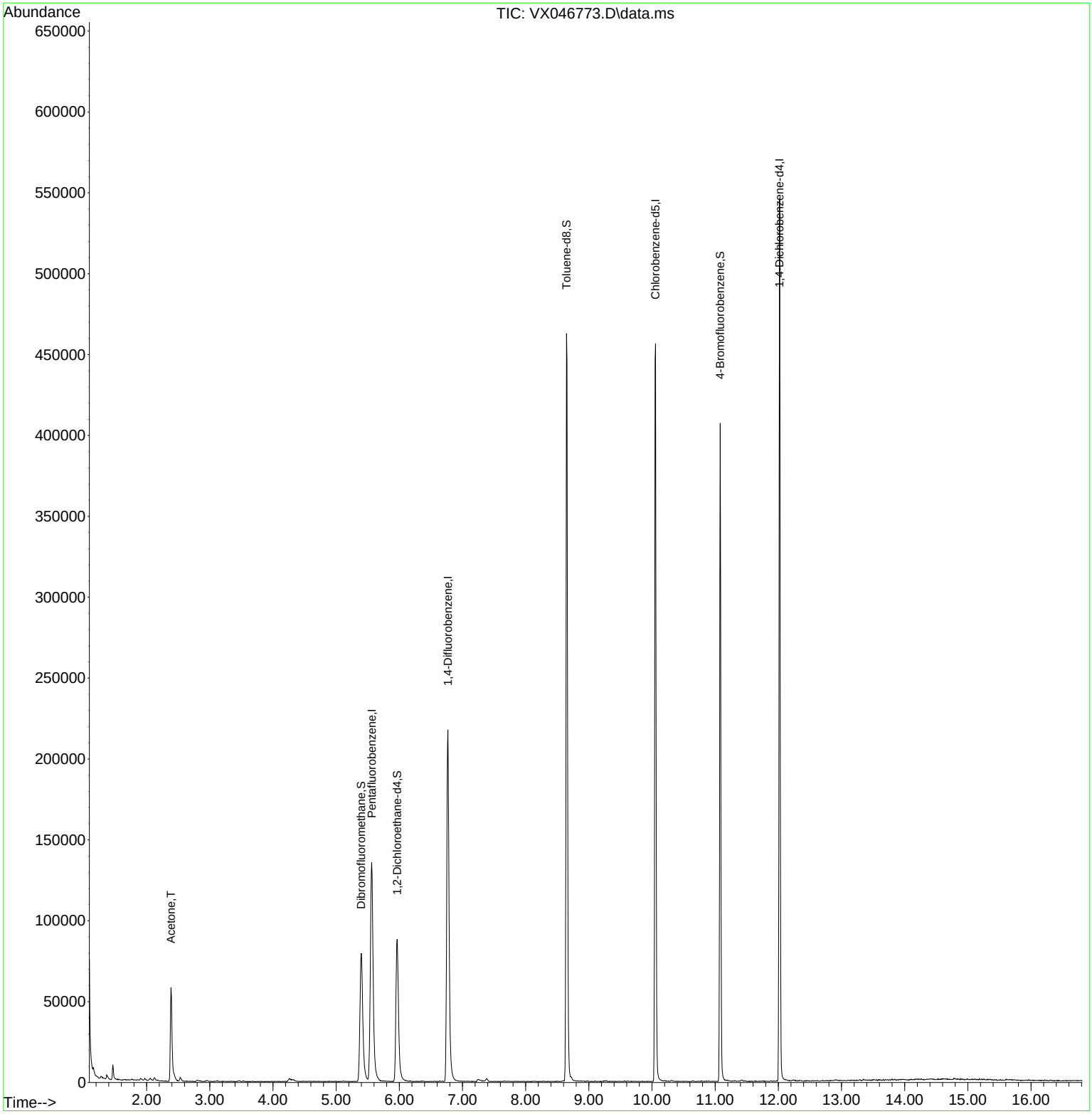
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	139696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94288	48.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.600%			
35) Dibromofluoromethane	5.397	113	77297	48.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.647	98	286020	50.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	109386	51.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.260%			
Target Compounds						Qvalue
16) Acetone	2.386	43	71832	111.479	ug/l	99

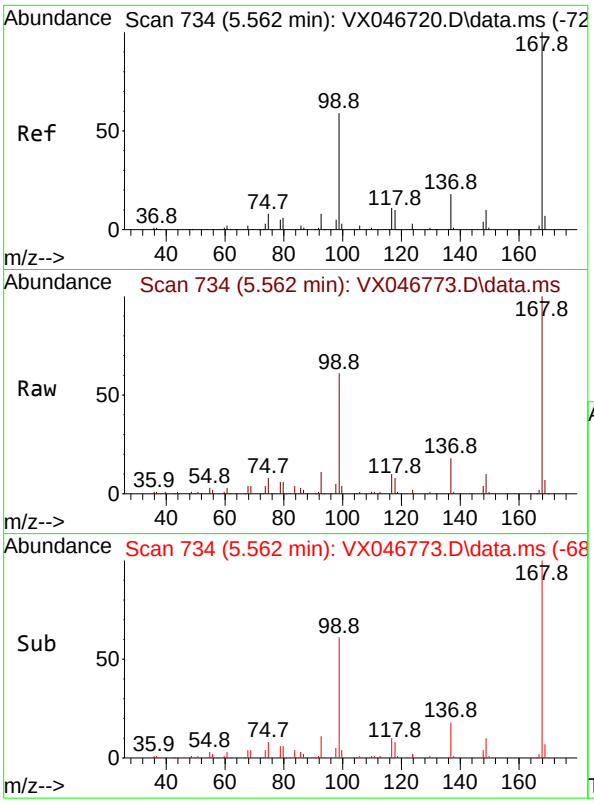
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Time: Jun 20 05:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



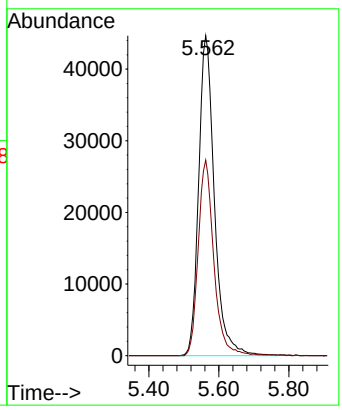


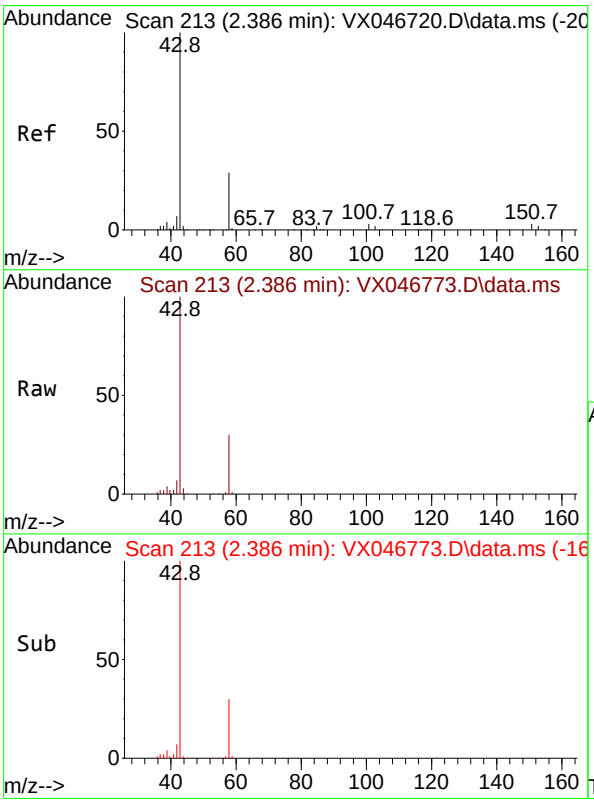
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:168 Resp: 139696

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.5	72.7

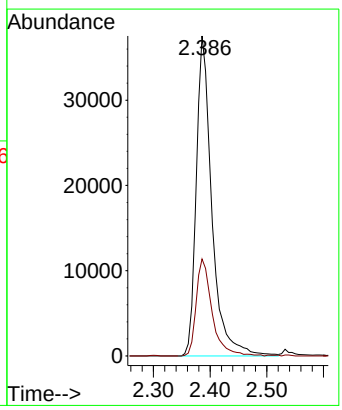


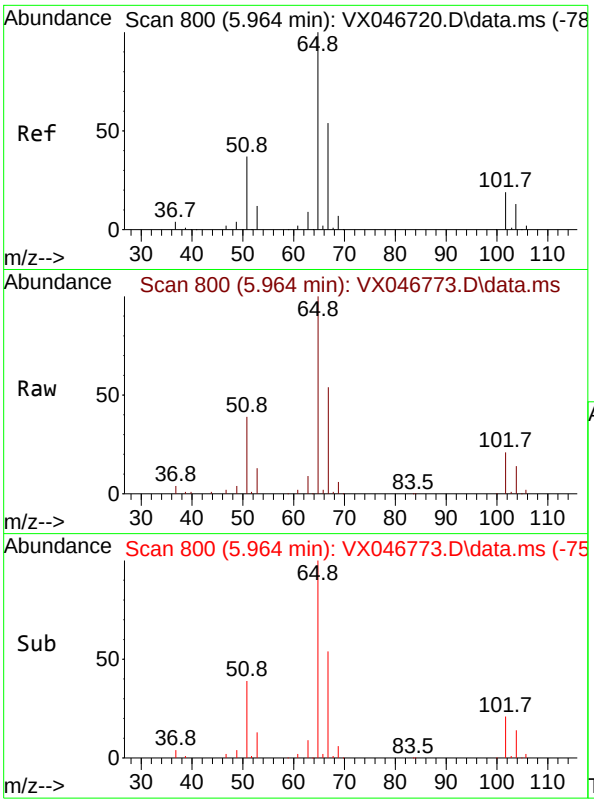


#16
Acetone
Concen: 111.479 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 43 Resp: 71832

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7



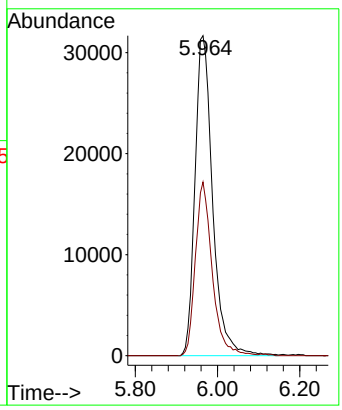


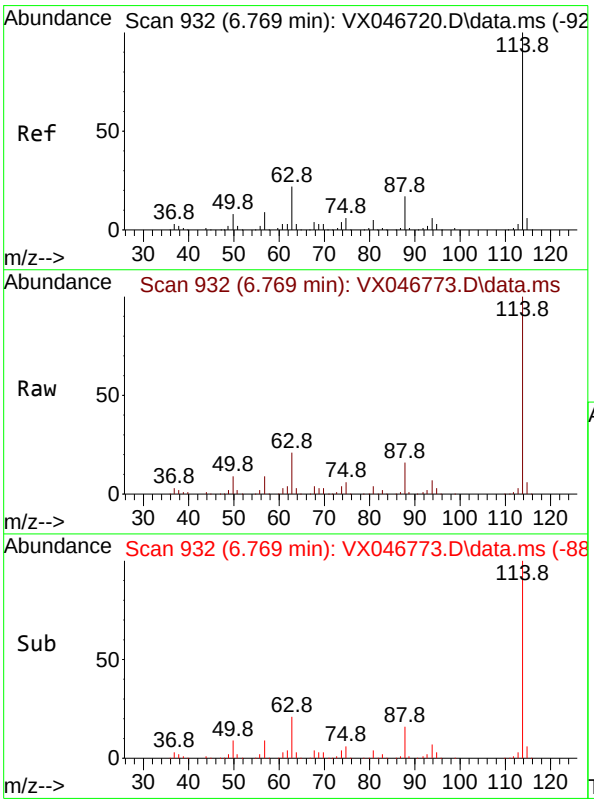
#33
1,2-Dichloroethane-d4
Concen: 48.797 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 65 Resp: 94288

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4

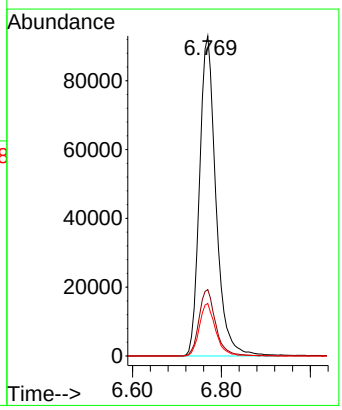


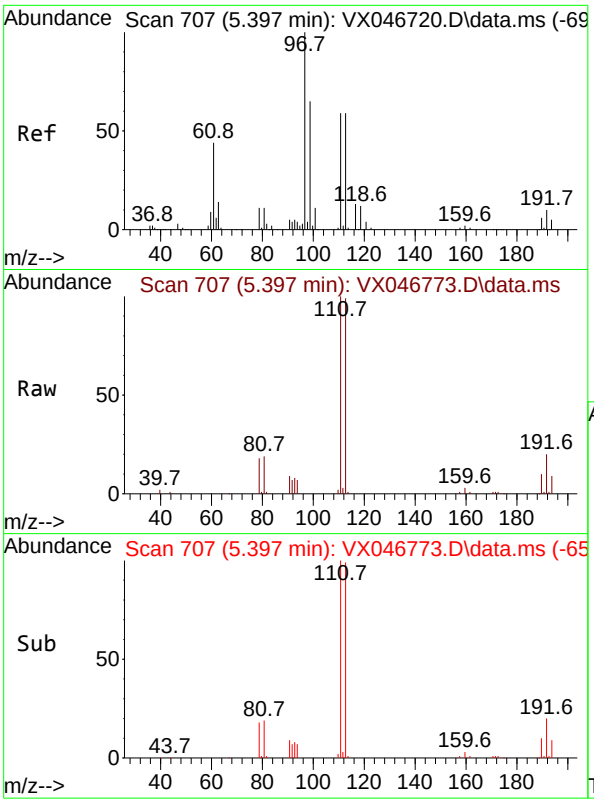


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:114 Resp: 239120

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.4	0.0	33.2



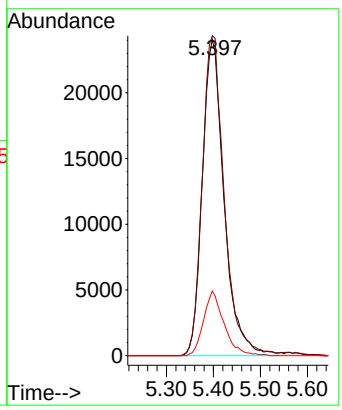


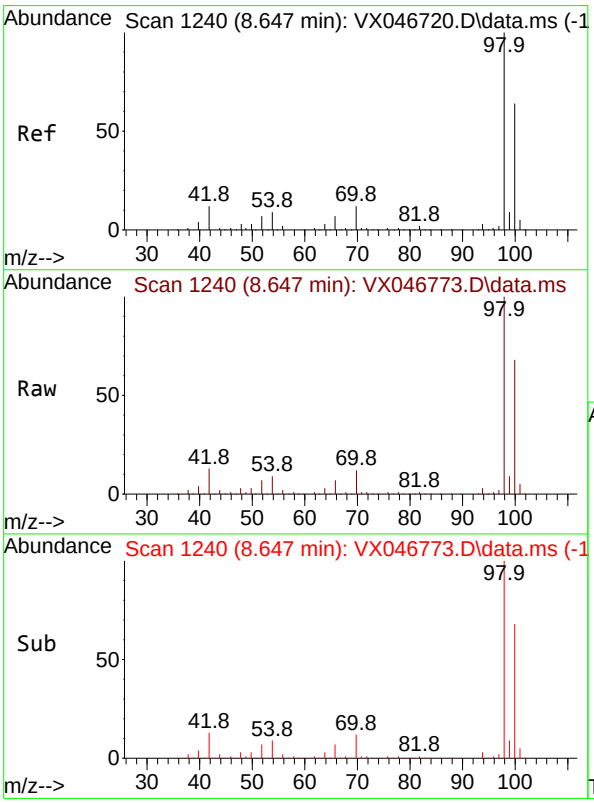
#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:113 Resp: 77297

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	19.2	15.3	22.9

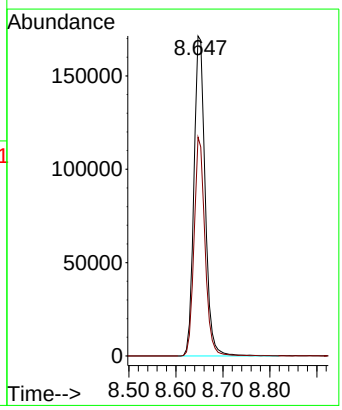


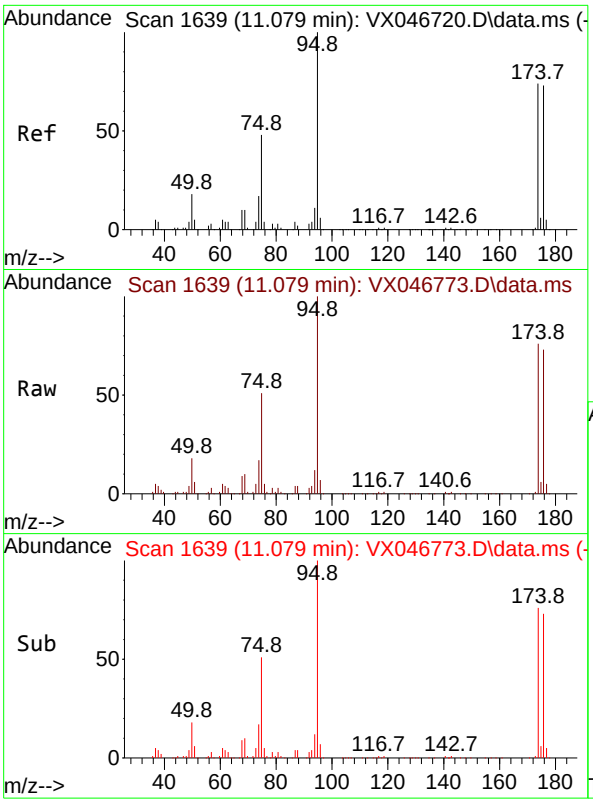


#50
Toluene-d8
Concen: 50.319 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 98 Resp: 286020

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



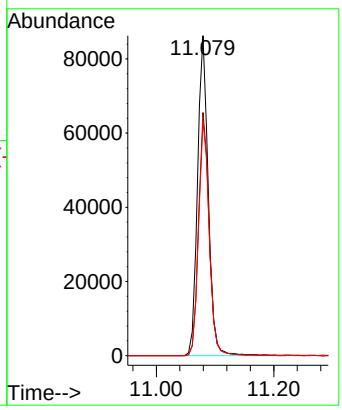


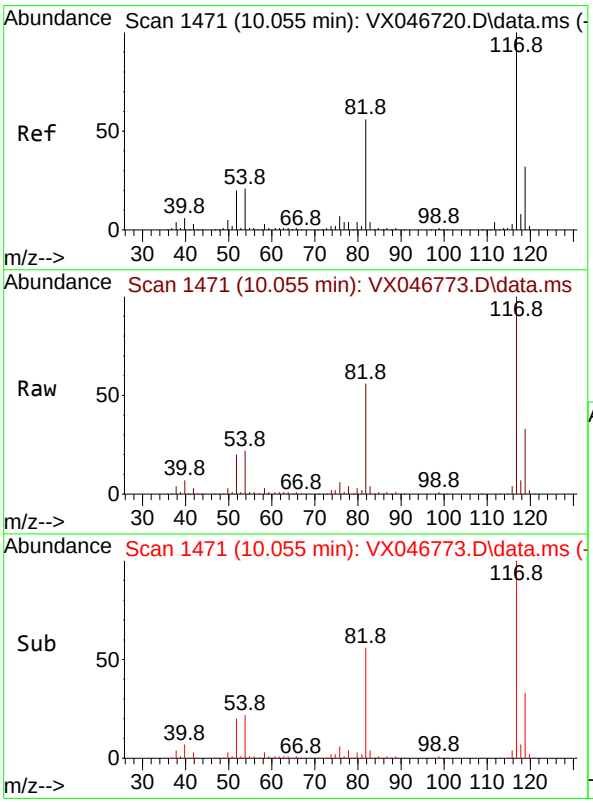
#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 95 Resp: 109386

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	72.7	0.0	145.0

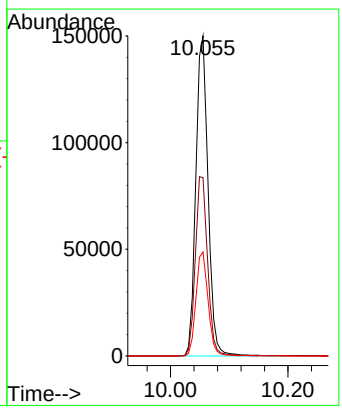


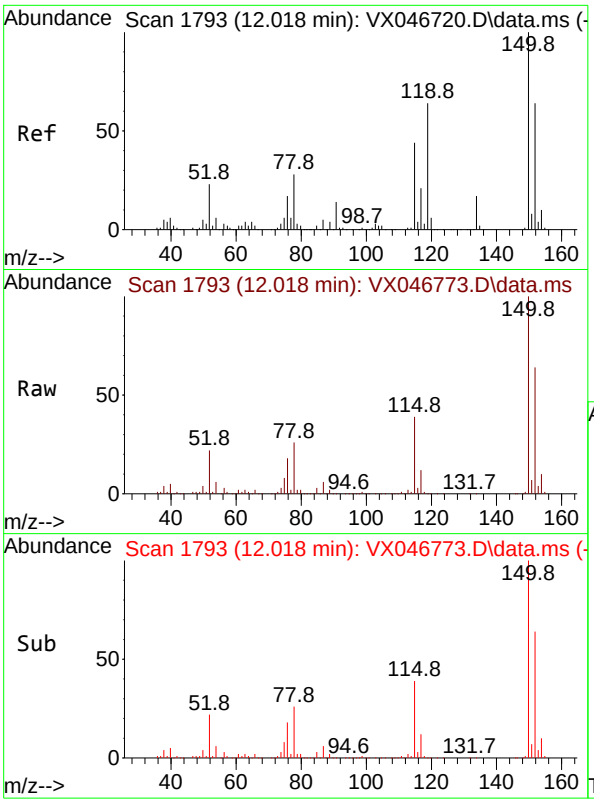


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:117 Resp: 216781

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.5	25.8	38.8



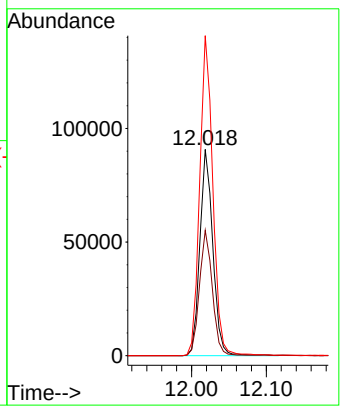


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:152 Resp: 109489

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.2	129.6
150	157.2	0.0	346.8



Sample Results: **VX046773.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

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\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.465	58	62	74	rVB	9269	13158	1.73%	0.312%
2	2.386	207	213	229	rBV	57917	113267	14.89%	2.686%
3	5.397	696	707	724	rBV3	79221	251261	33.04%	5.959%
4	5.562	724	734	760	rVB	135360	417949	54.96%	9.912%
5	5.964	791	800	822	rBV	87943	256422	33.72%	6.081%
6	6.769	921	932	957	rBV	217507	558411	73.42%	13.243%
7	8.647	1234	1240	1263	rVB	462103	760525	100.00%	18.036%
8	10.055	1465	1471	1492	rBV	456002	665976	87.57%	15.794%
9	11.079	1634	1639	1655	rBV	406915	514099	67.60%	12.192%
10	12.018	1788	1793	1808	rBV	545419	665653	87.53%	15.786%

Sum of corrected areas: 4216721

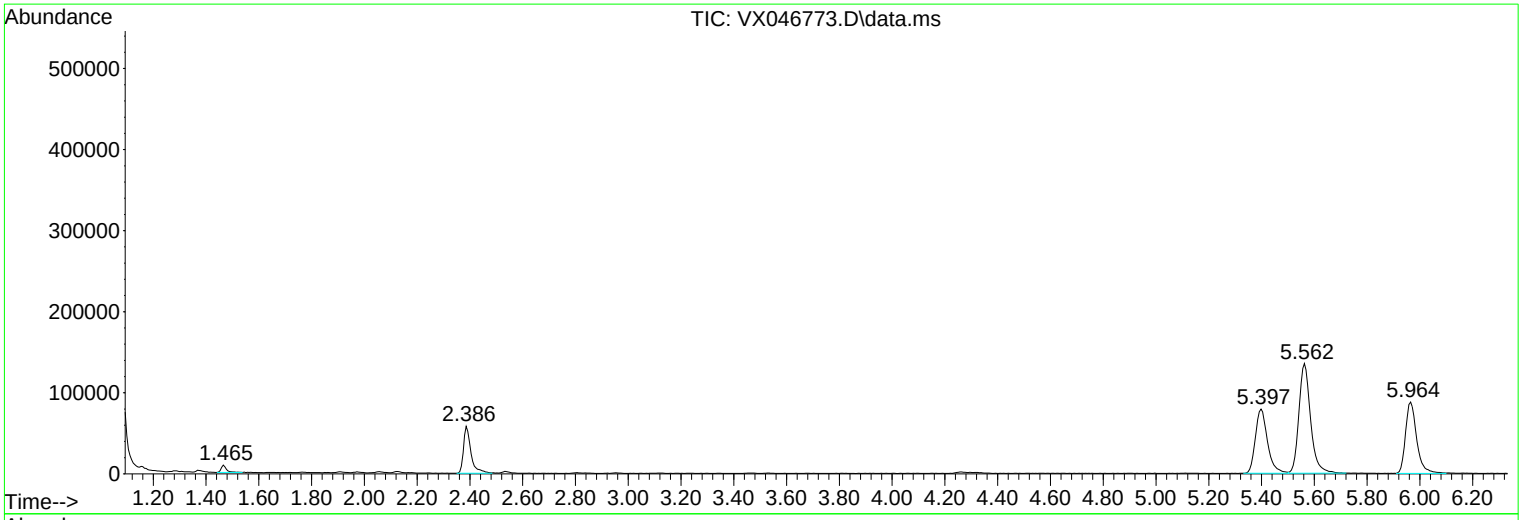
Sample Results: **VX046773.D**

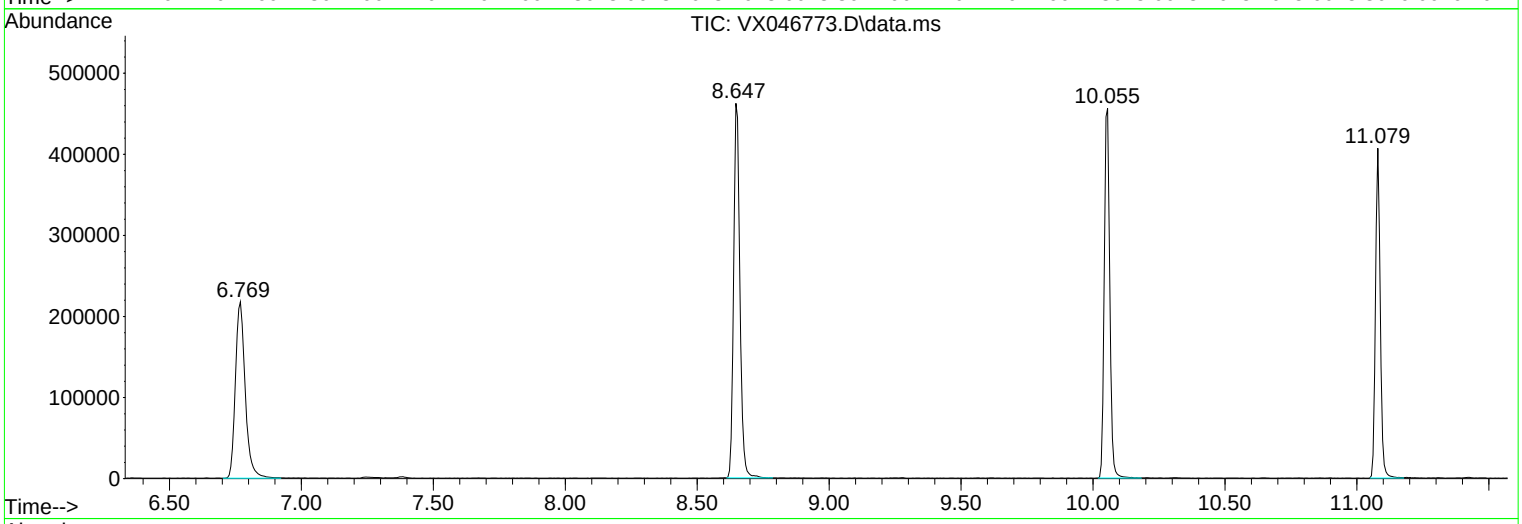
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

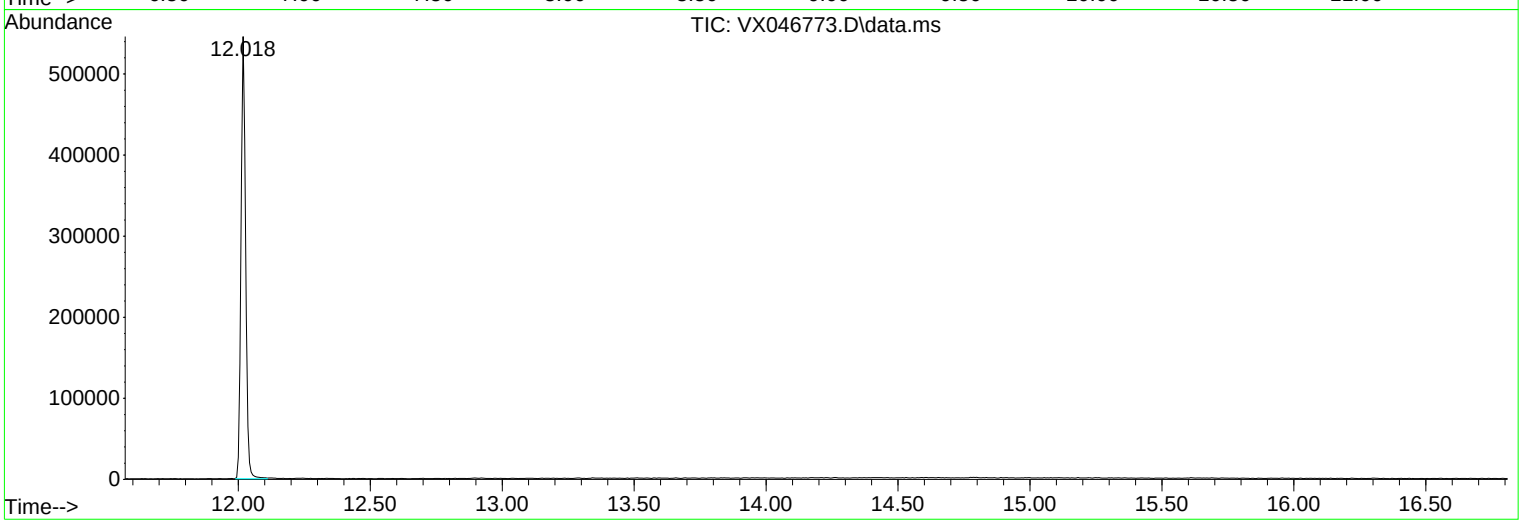
Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046773.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Time: Jun 20 05:21:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

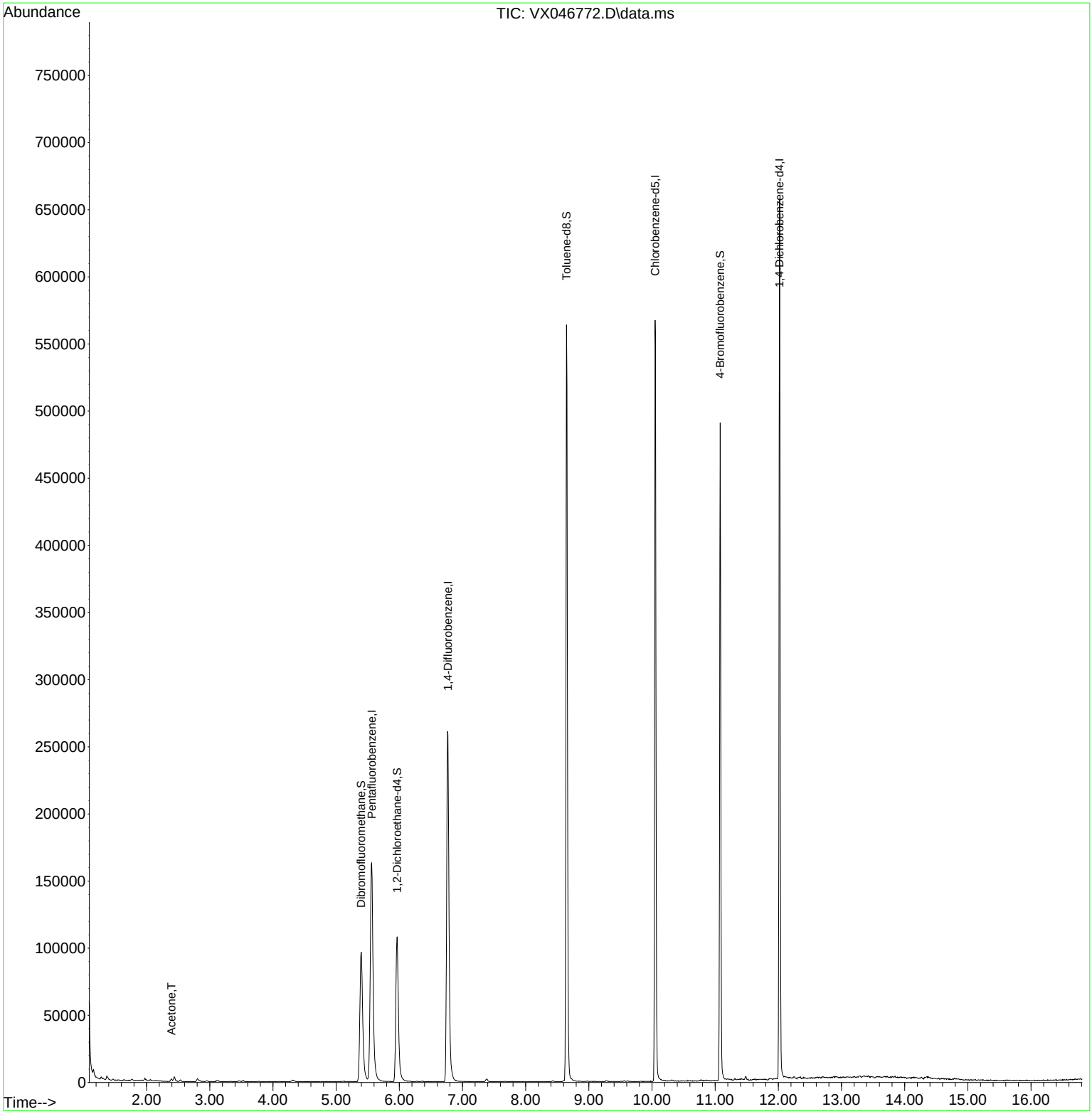
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	168816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113764	48.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.440%			
35) Dibromofluoromethane	5.397	113	93762	48.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	344634	49.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	11.079	95	132598	51.362	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.720%			
Target Compounds						Qvalue
16) Acetone	2.392	43	2557	3.284	ug/l #	85

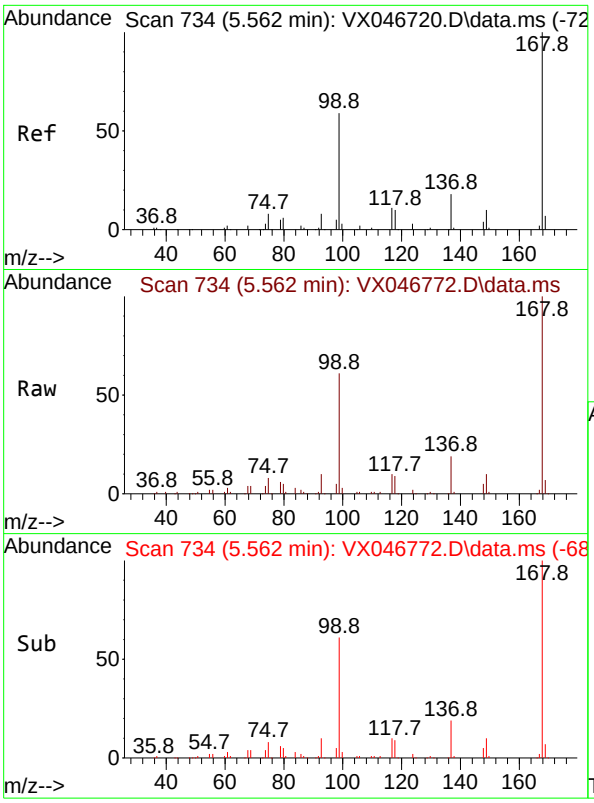
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Time: Jun 20 05:21:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



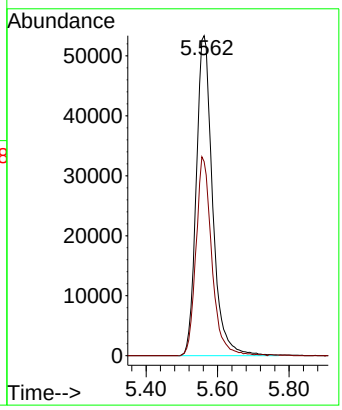


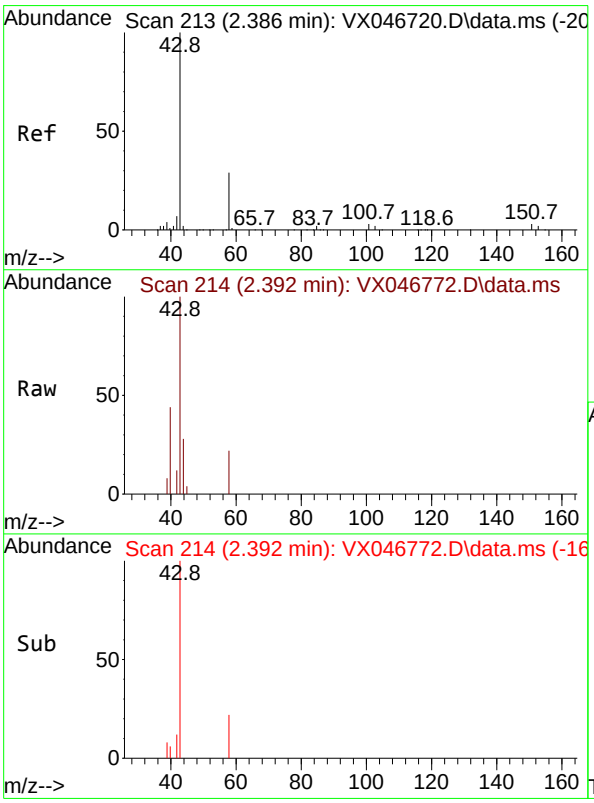
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion:168 Resp: 168816

Ion	Ratio	Lower	Upper
168	100		
99	60.7	48.5	72.7

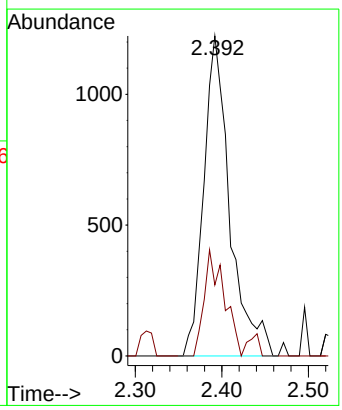


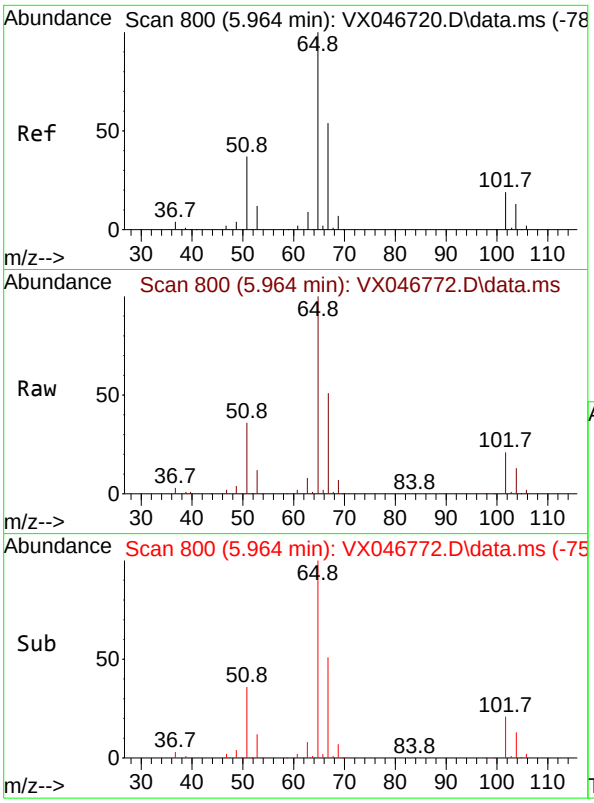


#16
Acetone
Concen: 3.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 43 Resp: 2557

Ion	Ratio	Lower	Upper
43	100		
58	22.2	24.5	36.7#



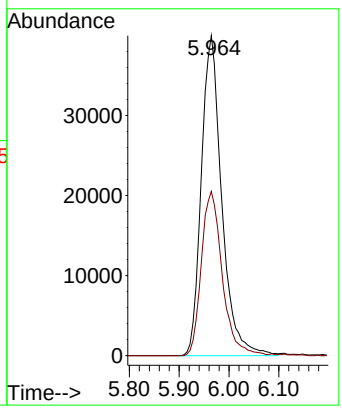


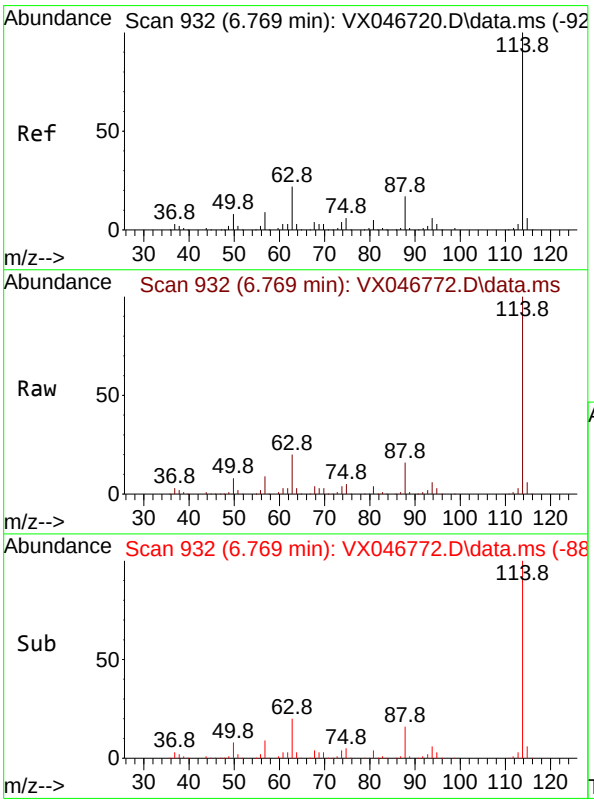
#33
1,2-Dichloroethane-d4
Concen: 48.721 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion: 65 Resp: 113764

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

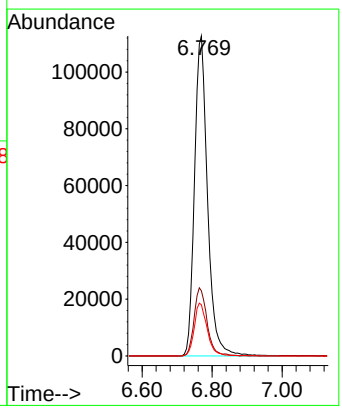


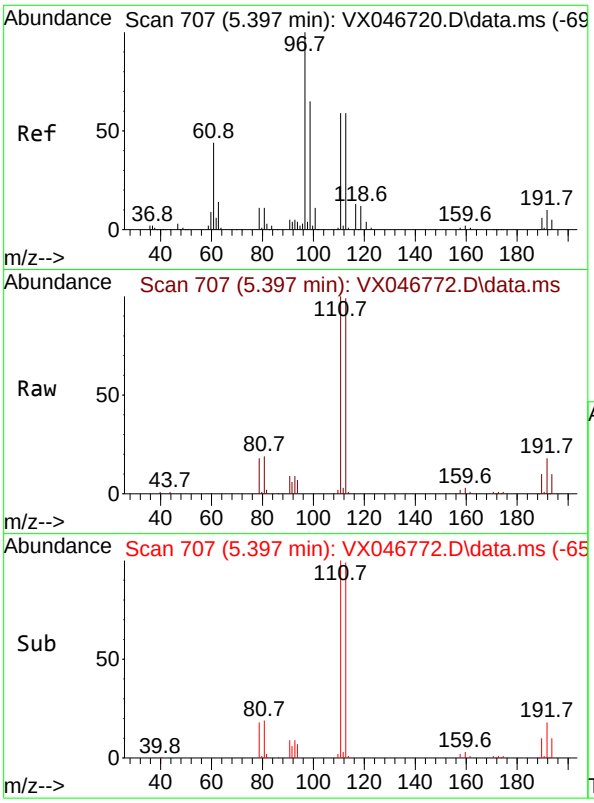


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion:114 Resp: 291352

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.2
88	16.0	0.0	33.2



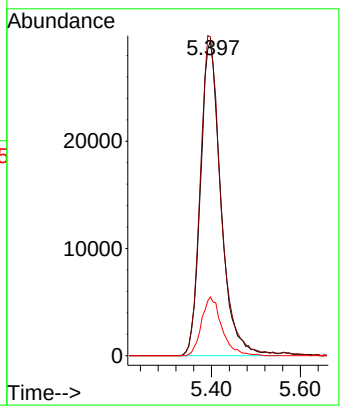


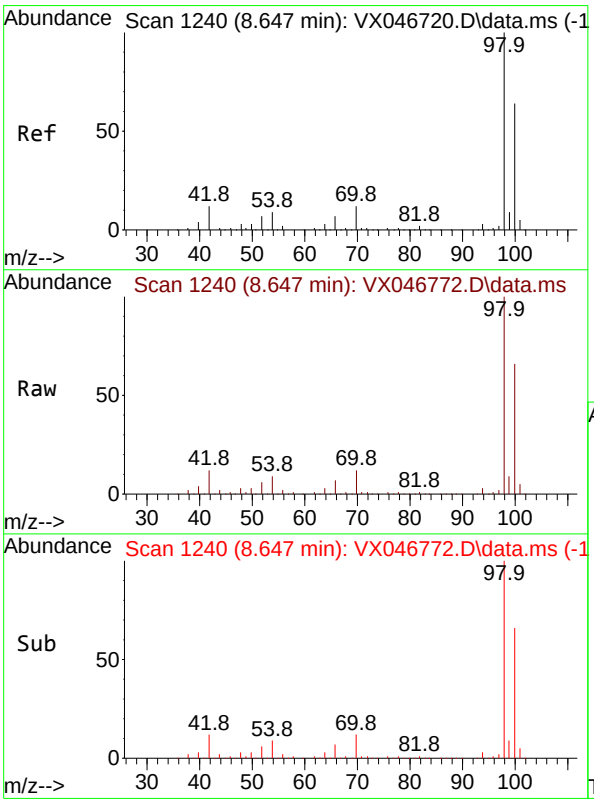
#35
Dibromofluoromethane
Concen: 48.640 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion:113 Resp: 93762

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	18.6	15.3	22.9

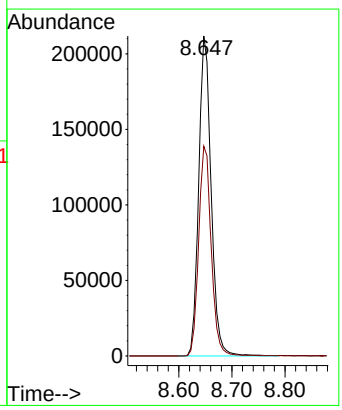


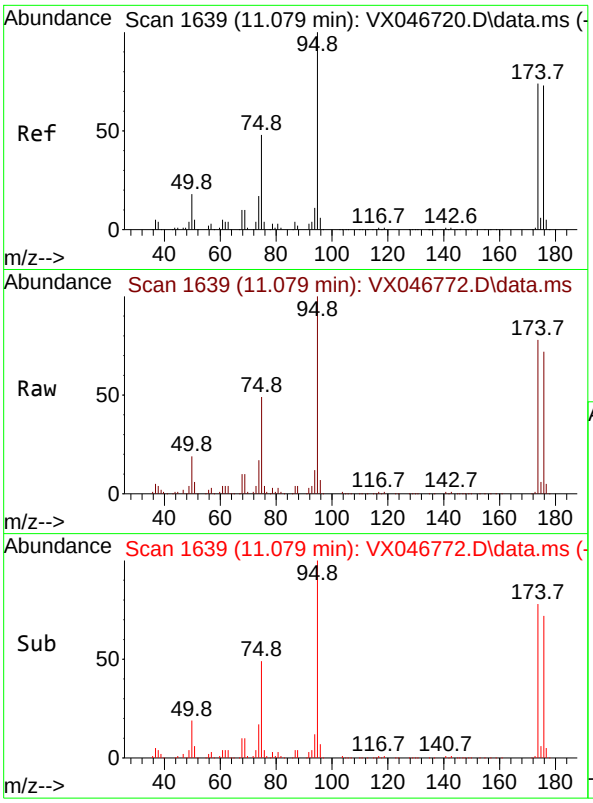


#50
Toluene-d8
Concen: 49.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 98 Resp: 344634

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



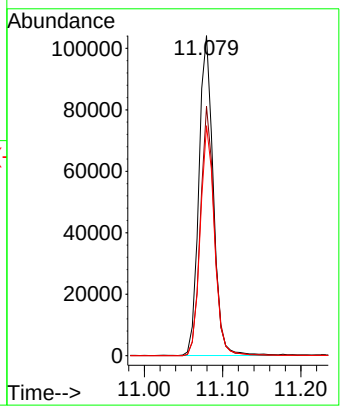


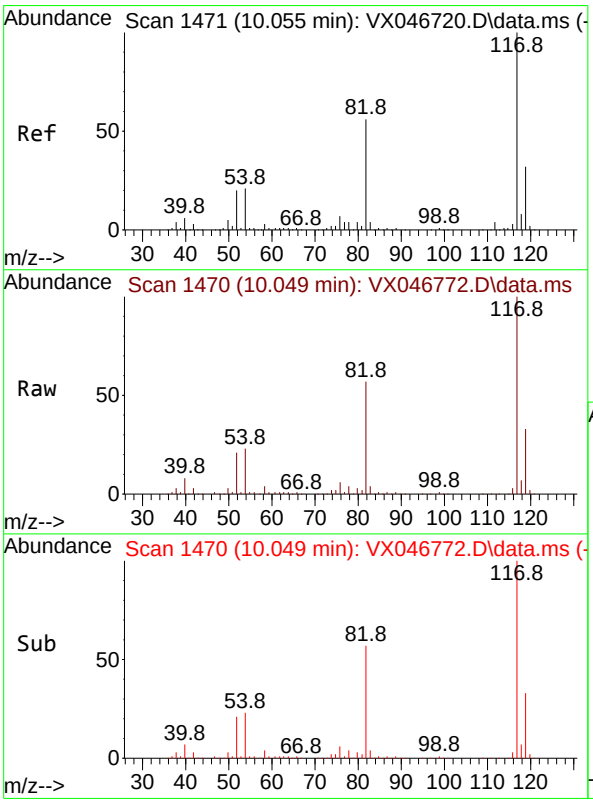
#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion: 95 Resp: 132598

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	71.3	0.0	145.0

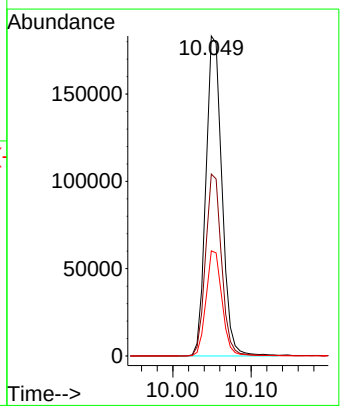


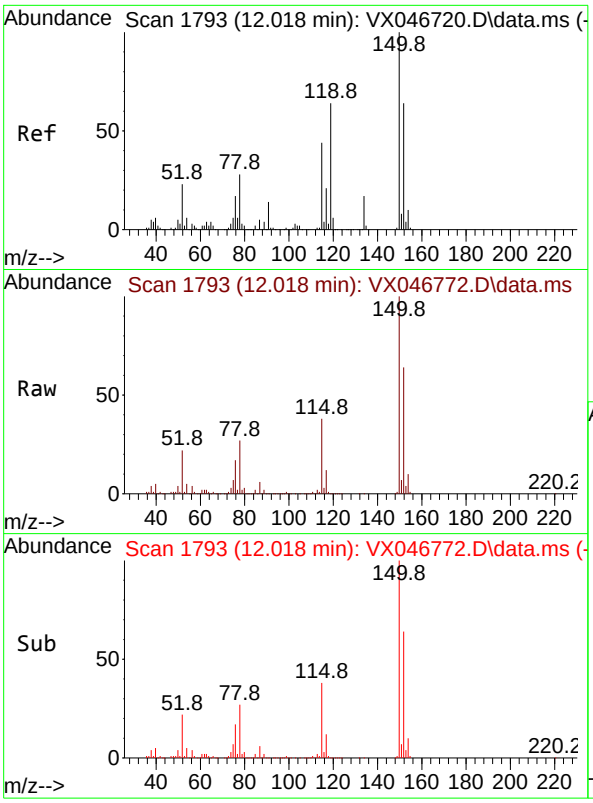


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion:117 Resp: 260859

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	32.8	25.8	38.8



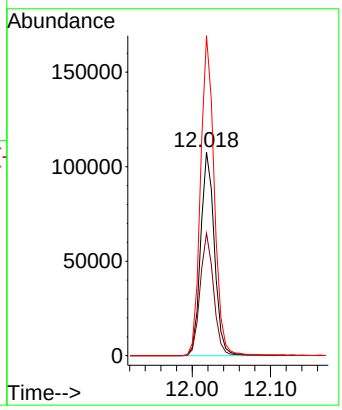


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Tgt Ion:152 Resp: 131317

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.2	129.6
150	156.6	0.0	346.8



Sample Results: **VX046772.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

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\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	696	707	723	rBV3	96478	304344	33.17%	6.170%
2	5.562	723	734	758	rVB	162214	503606	54.88%	10.210%
3	5.964	790	800	823	rBV	107964	311710	33.97%	6.320%
4	6.763	922	931	951	rBV	260741	674410	73.50%	13.673%
5	8.647	1234	1240	1259	rBV	563100	917584	100.00%	18.604%
6	10.049	1465	1470	1485	rBV	566611	803385	87.55%	16.288%
7	11.079	1634	1639	1650	rBV	489888	620409	67.61%	12.579%
8	12.018	1788	1793	1804	rBV	655359	796808	86.84%	16.155%

Sum of corrected areas: 4932256

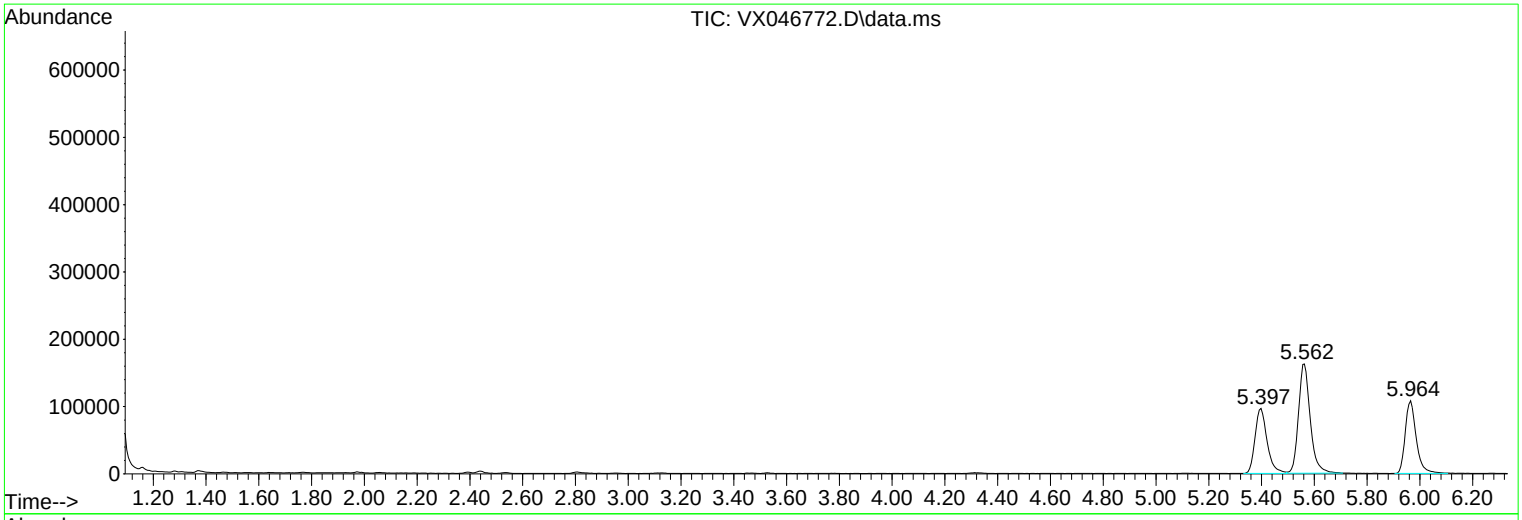
Sample Results: **VX046772.D**

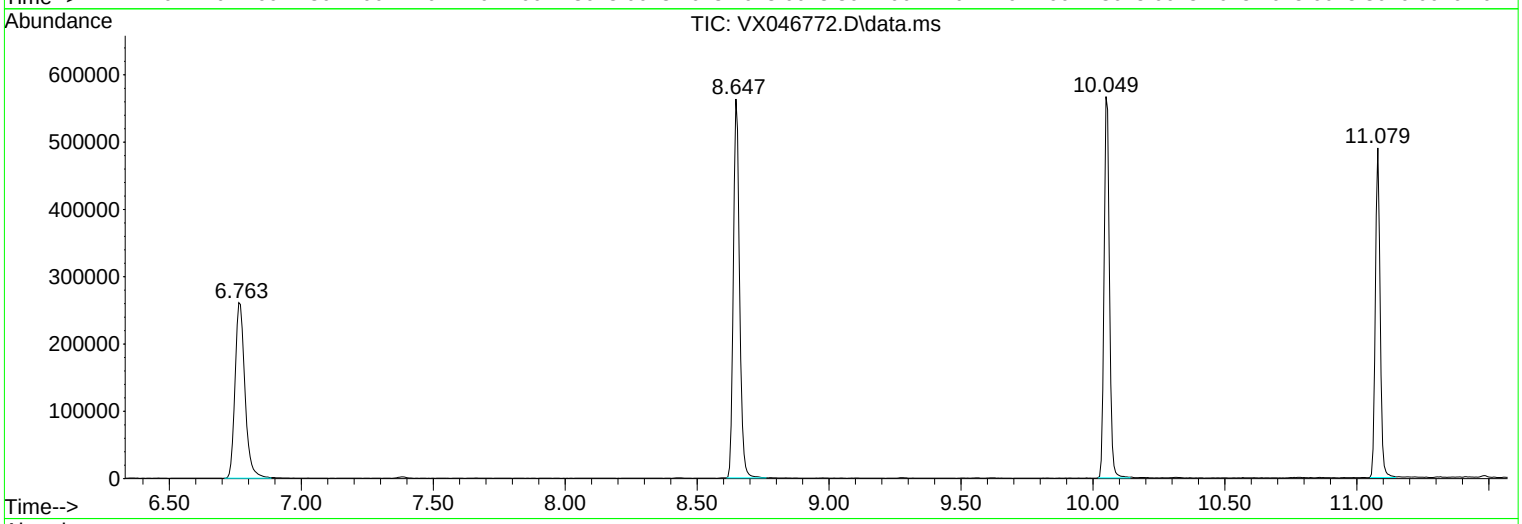
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

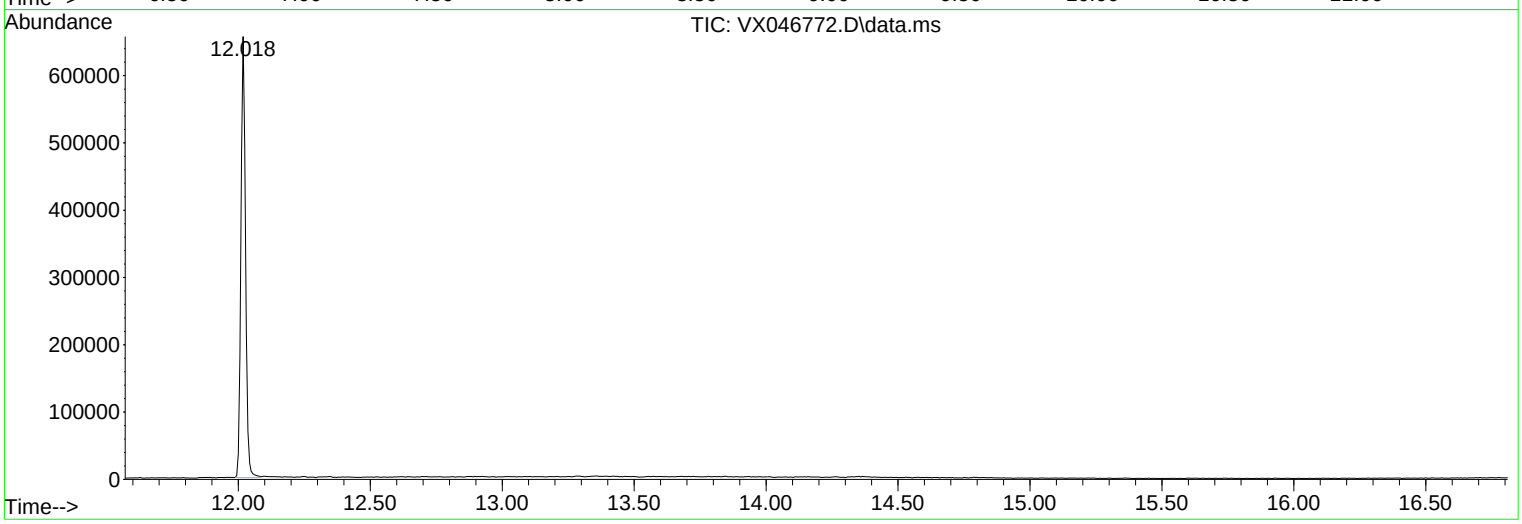
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046772.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046772.D
Acq On : 19 Jun 2025 16:06
Operator : JC/MD
Sample : Q2372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

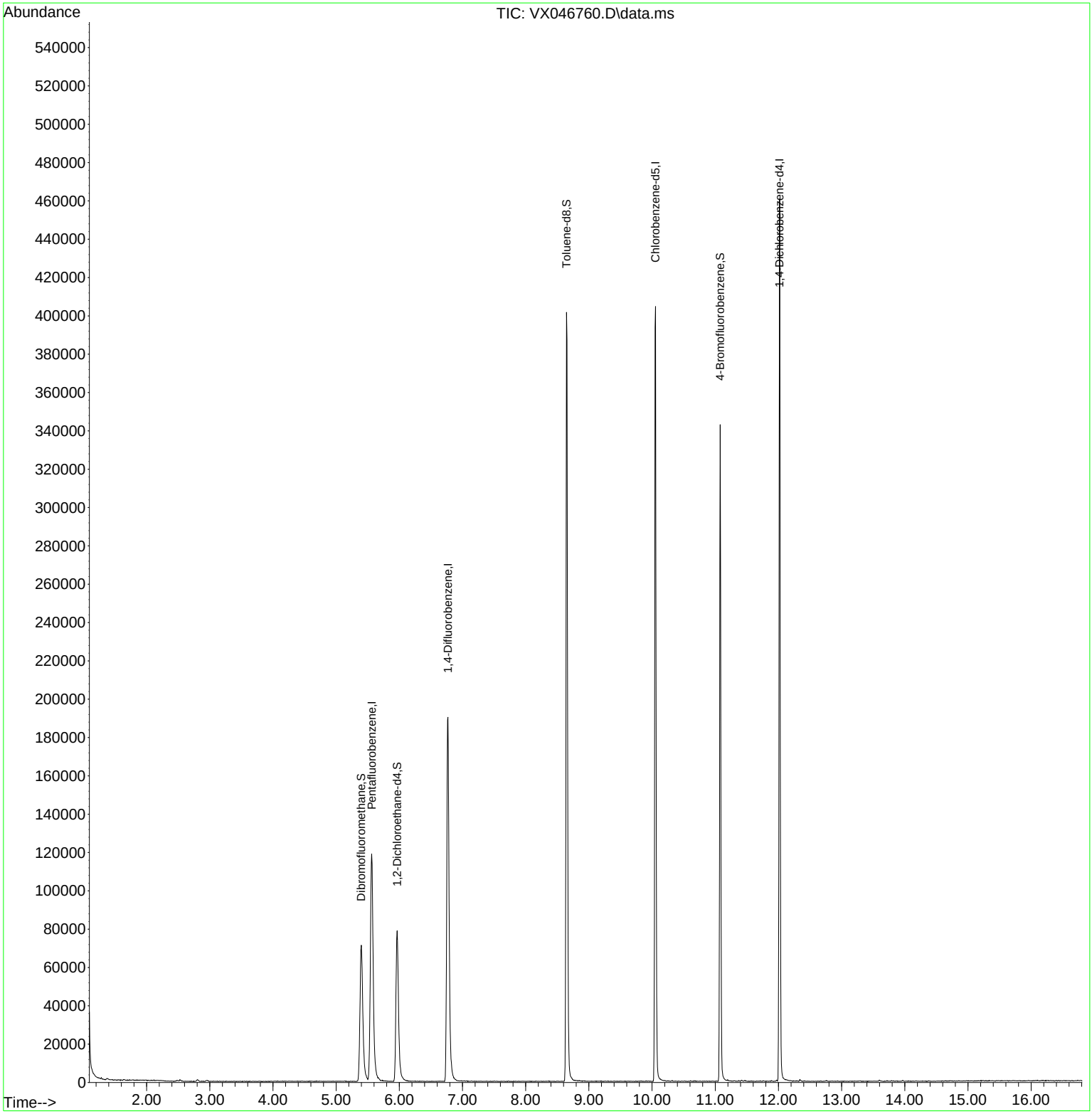
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	124937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83430	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.397	113	68758	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.647	98	252224	49.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92918	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						Qvalue

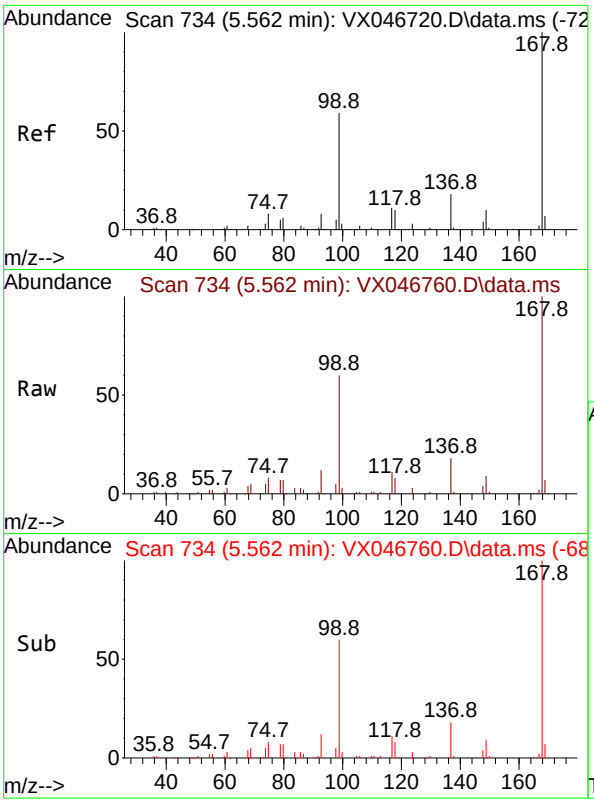
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Time: Jun 20 05:15:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



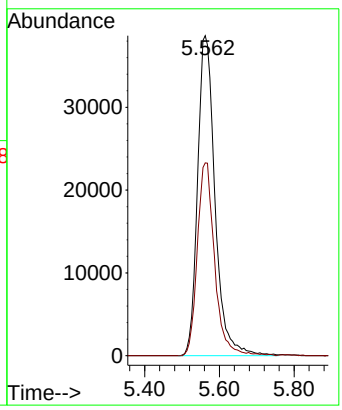


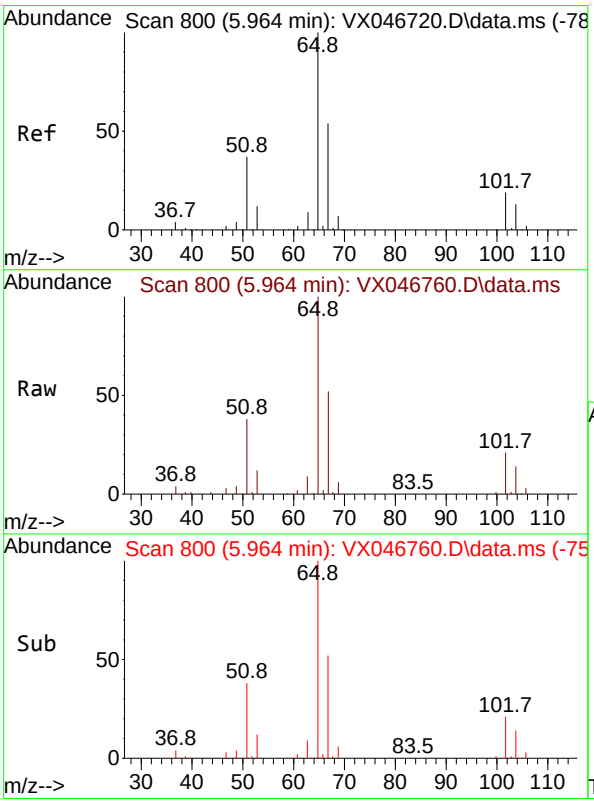
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:168 Resp: 124937

Ion	Ratio	Lower	Upper
168	100		
99	60.2	48.5	72.7

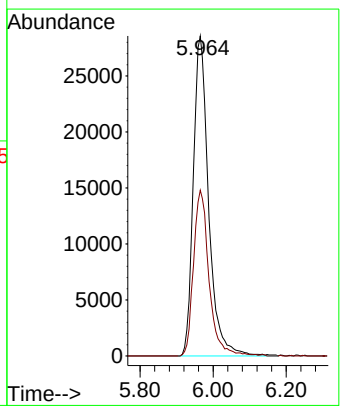


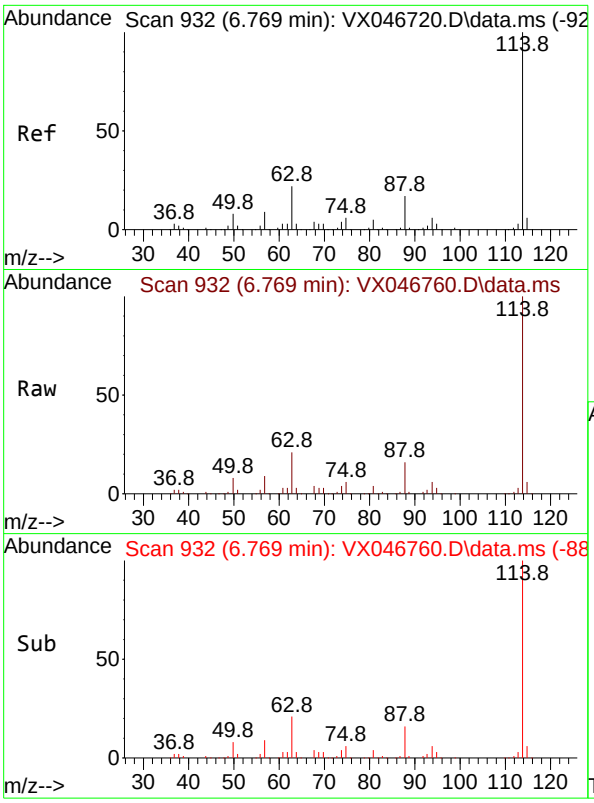


#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 65 Resp: 83430

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



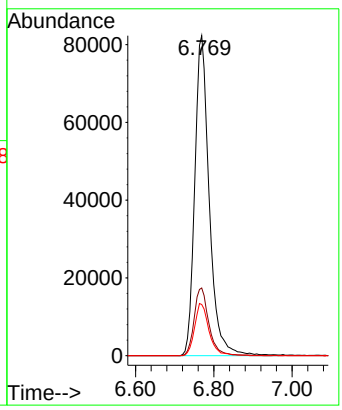


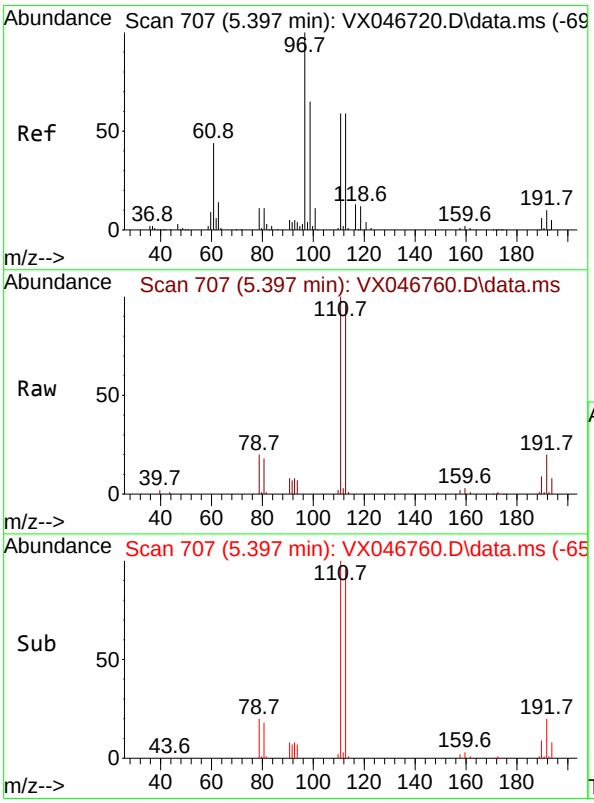
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:114 Resp: 212303

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.0	0.0	33.2

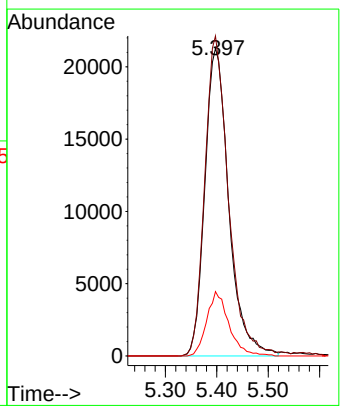


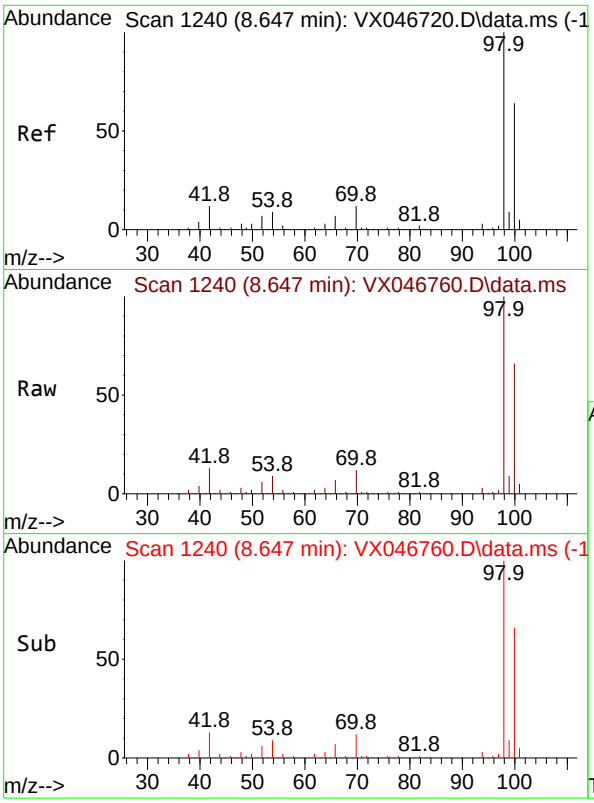


#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:113 Resp: 68758

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.4	15.3	22.9



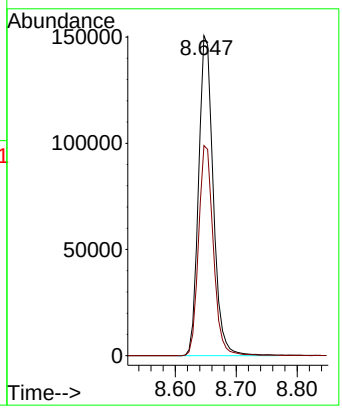


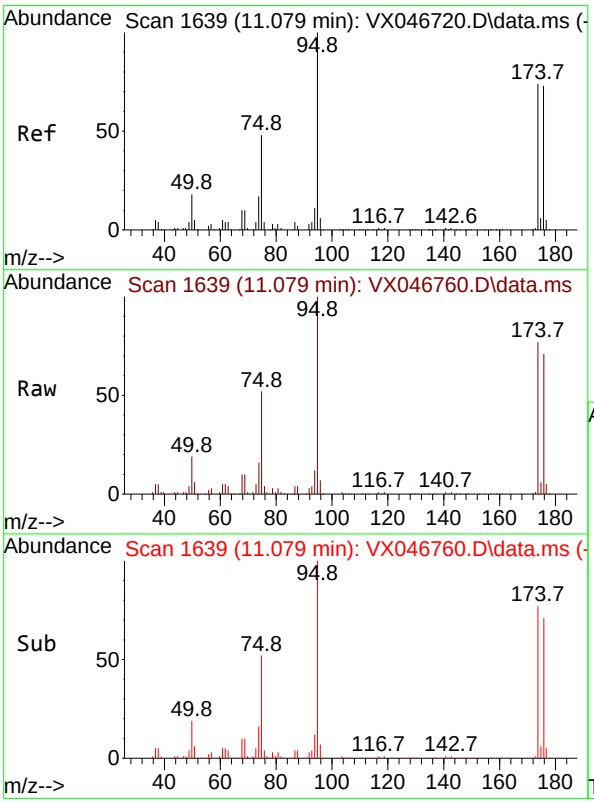
#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion: 98 Resp: 252224

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

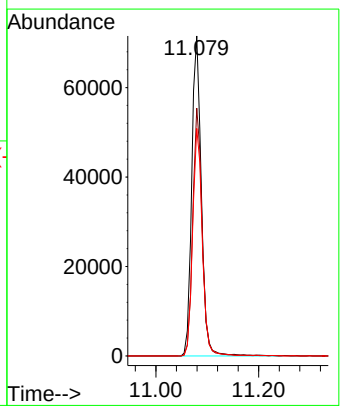


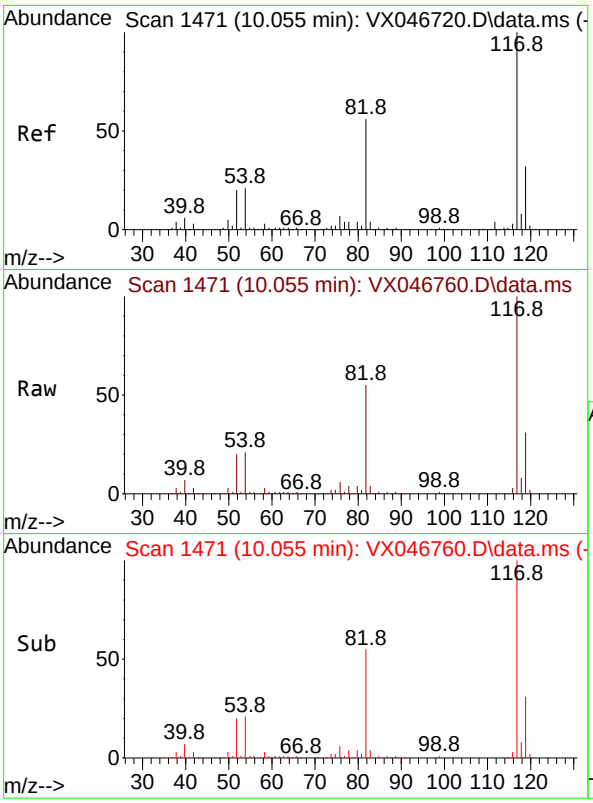


#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion: 95 Resp: 92918

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.4
176	71.2	0.0	145.0



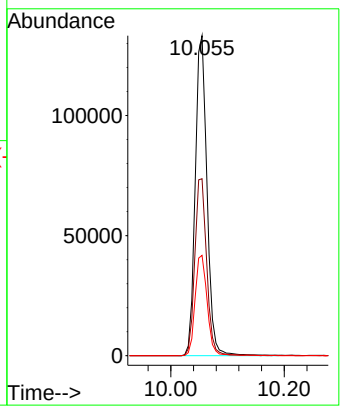


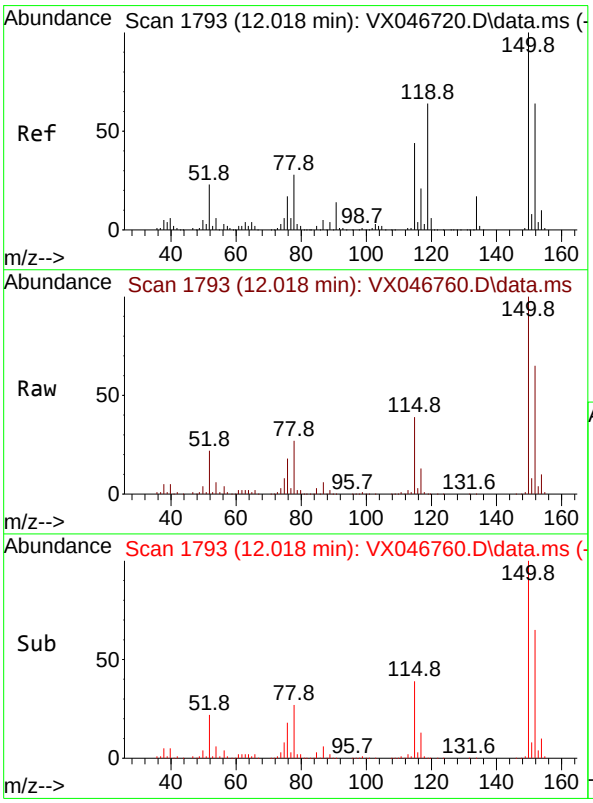
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Tgt Ion:117 Resp: 191555

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	66.8
119	31.4	25.8	38.8

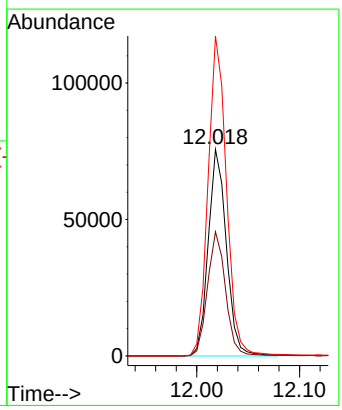




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046760.D
Acq: 19 Jun 2025 10:33

Tgt Ion:152 Resp: 93040

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.2	129.6
150	157.7	0.0	346.8



Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

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\82X061725W.M
Title : SW846 8260

Signal : TIC: VX046760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	694	707	724	rBV2	71138	226401	33.63%	6.316%
2	5.562	724	734	757	rVB2	118344	370009	54.96%	10.322%
3	5.964	791	800	818	rBV	78654	226828	33.69%	6.328%
4	6.769	923	932	954	rBV	190158	495034	73.53%	13.809%
5	8.647	1234	1240	1259	rBV	401216	673238	100.00%	18.781%
6	10.055	1465	1471	1483	rBV	404279	586443	87.11%	16.359%
7	11.079	1634	1639	1654	rBV	342631	438043	65.07%	12.220%
8	12.018	1788	1793	1808	rBV	460324	568770	84.48%	15.866%

Sum of corrected areas: 3584766

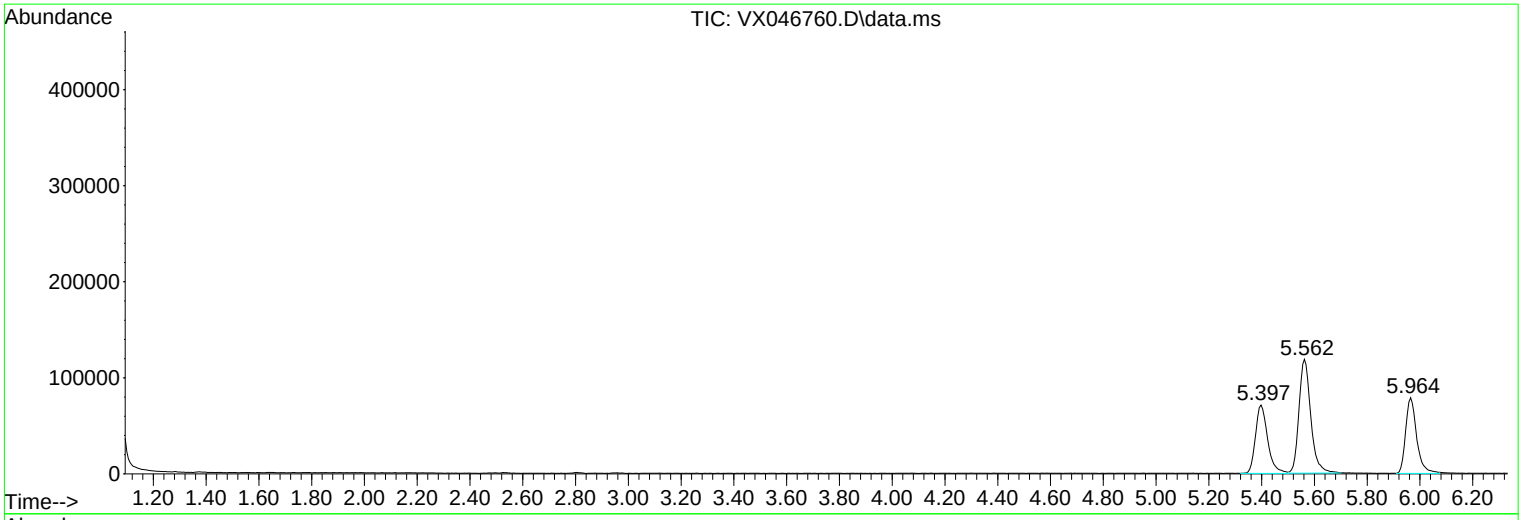
Sample Results: **VX046760.D**

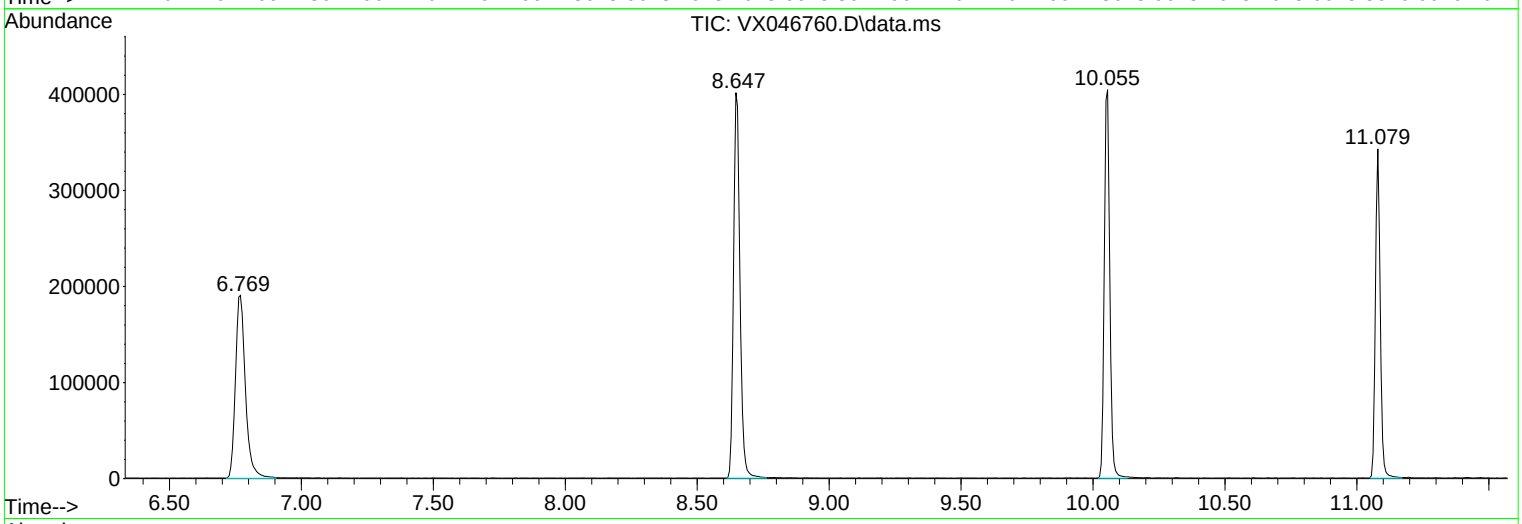
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

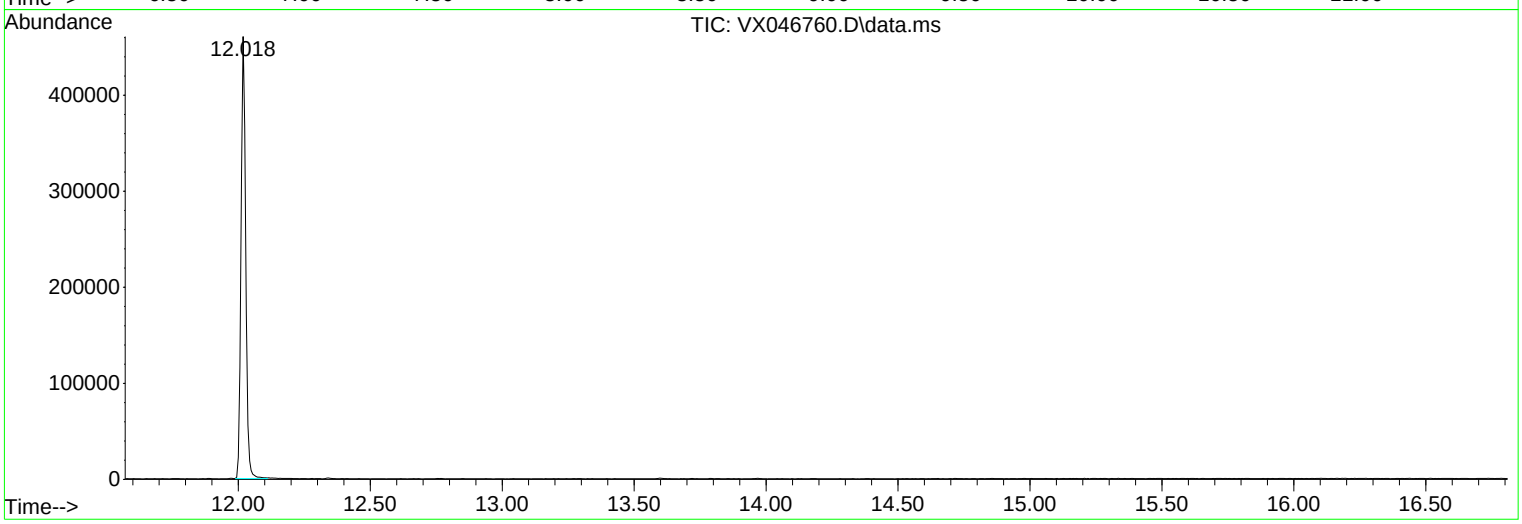
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046760.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046760.D
Acq On : 19 Jun 2025 10:33
Operator : JC/MD
Sample : VX0619WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.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\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	70964m	78.864	ug/l	
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l		99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l		100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l		99
44) Trichloroethene	7.135	130	30093	18.392	ug/l		99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l		95
46) Dibromomethane	7.592	93	20791	18.181	ug/l		99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l		99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l		98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l		98
52) Toluene	8.720	92	75814	19.048	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l		99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l		98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l		99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l		100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l		100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l		95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l		98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l		97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l		100
69) o-Xylene	10.640	106	51894	18.572	ug/l		98
70) Styrene	10.652	104	89289	18.260	ug/l		99
71) Bromoform	10.799	173	19576	16.701	ug/l	#	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l		99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29393m	15.335	ug/l		
77) Bromobenzene	11.195	156	33896	18.275	ug/l		99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l		99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l		96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l		99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l		99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l		100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l		99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l		100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l		98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l		96
95) Naphthalene	13.774	128	110507	16.144	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

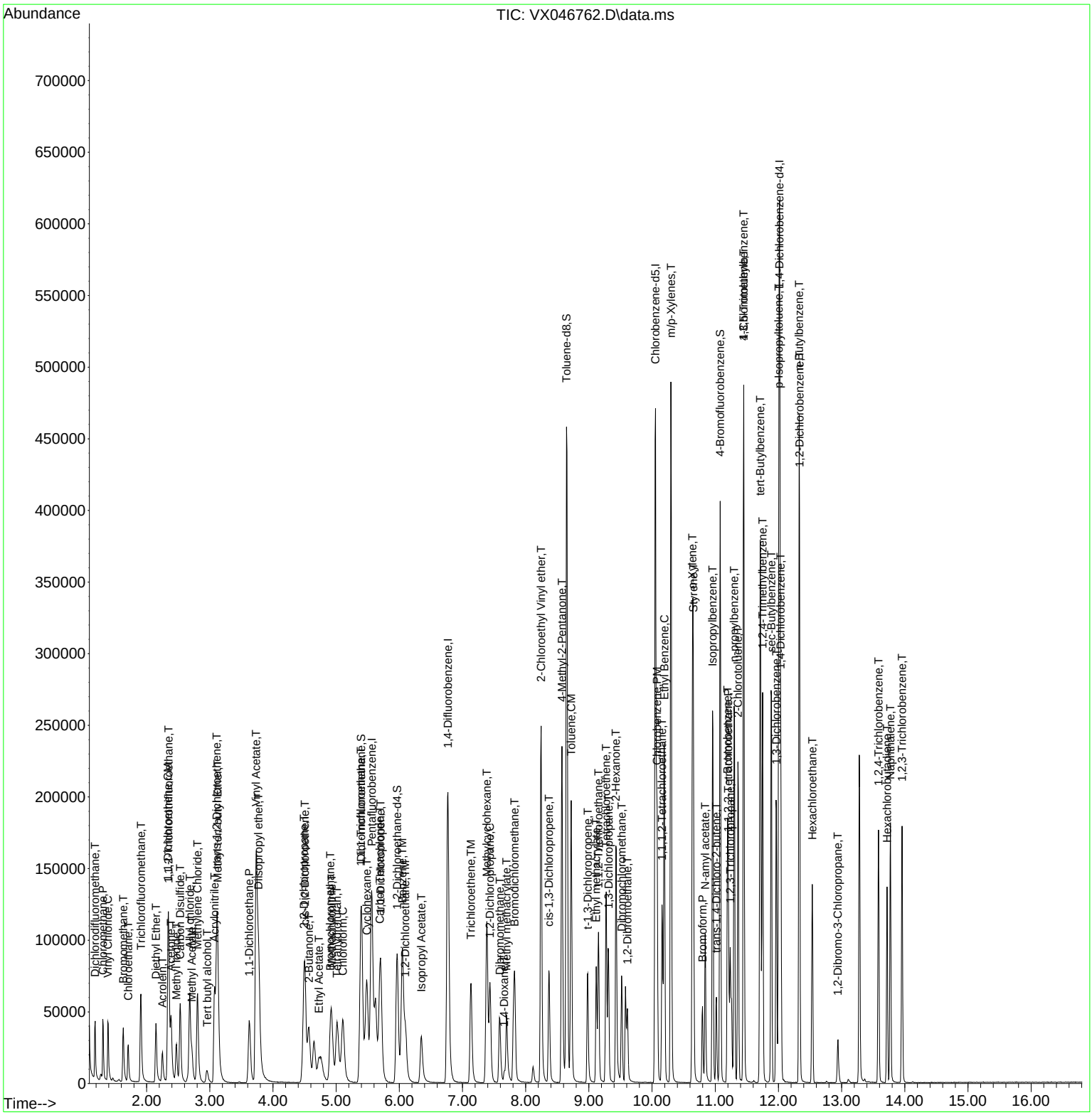
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046762.D
Acq On : 19 Jun 2025 11:24
Operator : JC/MD
Sample : VX0619WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 05:16:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	120371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85794	51.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.060%			
35) Dibromofluoromethane	5.391	113	69686	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	249730	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	97074	54.915	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	25471	19.820	ug/l	99
3) Chloromethane	1.307	50	27061	19.509	ug/l	96
4) Vinyl Chloride	1.386	62	29098	19.672	ug/l	95
5) Bromomethane	1.630	94	18436	22.153	ug/l	93
6) Chloroethane	1.703	64	18444	20.573	ug/l	95
7) Trichlorofluoromethane	1.904	101	43435	19.339	ug/l	97
8) Diethyl Ether	2.148	74	15726	20.402	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	27115	19.679	ug/l	98
10) Methyl Iodide	2.465	142	30018	20.229	ug/l	98
11) Tert butyl alcohol	2.959	59	10932	73.154	ug/l	96
12) 1,1-Dichloroethene	2.337	96	25867	19.455	ug/l	98
13) Acrolein	2.245	56	18810	86.416	ug/l	97
14) Allyl chloride	2.678	41	45893	19.051	ug/l	100
15) Acrylonitrile	3.068	53	61358	91.312	ug/l	99
16) Acetone	2.386	43	45269	81.534	ug/l	95
17) Carbon Disulfide	2.526	76	72150	17.970	ug/l	99
18) Methyl Acetate	2.709	43	25035	17.753	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77256	18.661	ug/l	98
20) Methylene Chloride	2.800	84	29836	19.323	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	27280	19.176	ug/l	97
22) Diisopropyl ether	3.764	45	94092	20.321	ug/l	87
23) Vinyl Acetate	3.733	43	359723	97.697	ug/l	100
24) 1,1-Dichloroethane	3.623	63	50927	19.372	ug/l	100
25) 2-Butanone	4.562	43	68340	87.030	ug/l	97
26) 2,2-Dichloropropane	4.489	77	36206	18.883	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32489	19.438	ug/l	100
28) Bromochloromethane	4.910	49	27522	23.092	ug/l	97
29) Tetrahydrofuran	5.013	42	43894	86.542	ug/l	99
30) Chloroform	5.099	83	53771	20.452	ug/l	97
31) Cyclohexane	5.477	56	49014	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44445	19.276	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35819	18.799	ug/l	97
37) Ethyl Acetate	4.721	43	31001	17.627	ug/l	98
38) Carbon Tetrachloride	5.684	117	39531	19.117	ug/l	99
39) Methylcyclohexane	7.385	83	47544	18.962	ug/l	99
40) Benzene	6.044	78	112866	20.015	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	17801	18.985	ug/l		96
42) 1,2-Dichloroethane	6.092	62	39829	20.100	ug/l		99
43) Isopropyl Acetate	6.342	43	50813	18.463	ug/l		99
44) Trichloroethene	7.129	130	27765	19.321	ug/l		89
45) 1,2-Dichloropropane	7.427	63	28336	20.276	ug/l		92
46) Dibromomethane	7.580	93	19978	19.891	ug/l		99
47) Bromodichloromethane	7.824	83	41221	20.112	ug/l		99
48) Methyl methacrylate	7.696	41	26092	18.904	ug/l		100
49) 1,4-Dioxane	7.659	88	6068	321.885	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	150700	91.811	ug/l		98
52) Toluene	8.720	92	70998	20.310	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	37151	19.536	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	43044	19.939	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	26588	20.409	ug/l		98
56) Ethyl methacrylate	9.116	69	35838	18.636	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45490	20.277	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	100239	100.344	ug/l		99
59) 2-Hexanone	9.427	43	100820	88.846	ug/l		100
60) Dibromochloromethane	9.519	129	30624	19.947	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26614	20.084	ug/l		98
64) Tetrachloroethene	9.275	164	23913	18.778	ug/l		98
65) Chlorobenzene	10.079	112	78801	19.421	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26522	19.449	ug/l		100
67) Ethyl Benzene	10.195	91	135702	19.141	ug/l		99
68) m/p-Xylenes	10.299	106	102519	38.810	ug/l		99
69) o-Xylene	10.640	106	49068	19.820	ug/l		99
70) Styrene	10.653	104	85333	19.696	ug/l		98
71) Bromoform	10.799	173	19127	18.418	ug/l	#	98
73) Isopropylbenzene	10.957	105	129881	18.592	ug/l		100
74) N-amyl acetate	10.842	43	45562	17.214	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35939	18.425	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	29301m	16.867	ug/l		
77) Bromobenzene	11.195	156	31899	18.976	ug/l		98
78) n-propylbenzene	11.299	91	156018	18.803	ug/l		100
79) 2-Chlorotoluene	11.360	91	92310	18.633	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	108639	18.925	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9561	15.556	ug/l		95
82) 4-Chlorotoluene	11.451	91	108666	18.795	ug/l		99
83) tert-Butylbenzene	11.713	119	108810	18.337	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	108849	18.872	ug/l		100
85) sec-Butylbenzene	11.890	105	141281	18.839	ug/l		100
86) p-Isopropyltoluene	12.006	119	118528	18.732	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	60812	18.553	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	59834	17.772	ug/l		98
89) n-Butylbenzene	12.329	91	111302	18.526	ug/l		99
90) Hexachloroethane	12.536	117	19081	17.220	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	58188	18.997	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6206	16.116	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	39871	18.309	ug/l		99
94) Hexachlorobutadiene	13.719	225	17144	18.715	ug/l		96
95) Naphthalene	13.774	128	107578	17.340	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	37893	18.189	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

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

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

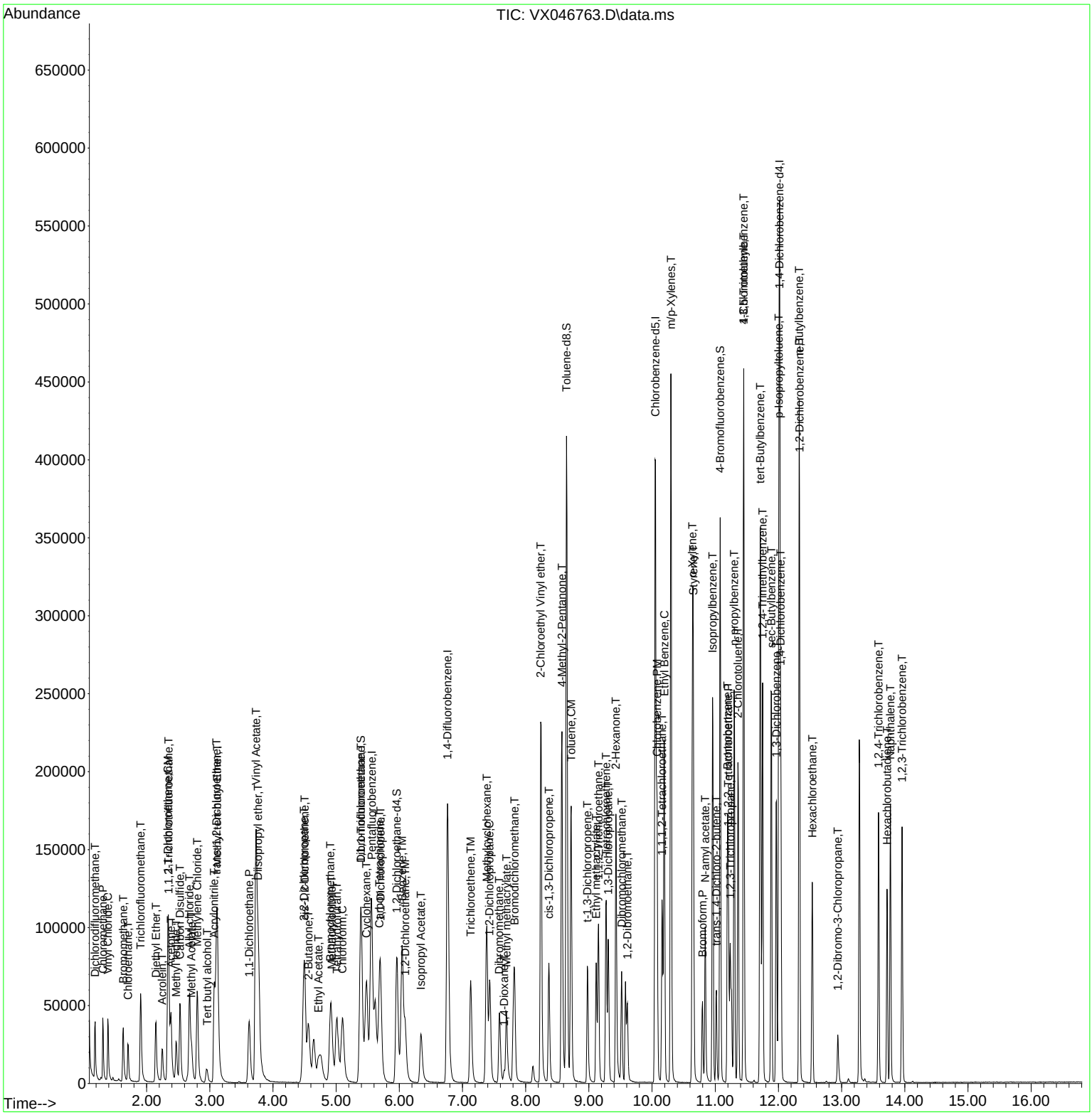
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 05:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046718.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:26:54 PM	MMDadoda	6/18/2025 6:21:14 PM	Peak Integrated by Software
VSTDICC020	VX046719.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:04 PM	MMDadoda	6/18/2025 6:21:20 PM	Peak Integrated by Software
VSTDICCC050	VX046720.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:12 PM	MMDadoda	6/18/2025 6:21:32 PM	Peak Integrated by Software
VSTDICC100	VX046721.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:20 PM	MMDadoda	6/18/2025 6:21:40 PM	Peak Integrated by Software
VSTDICC150	VX046722.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:27 PM	MMDadoda	6/18/2025 6:21:48 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,4-Dichlorobenzene	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	2,2-Dichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Chloroform	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Ethyl Acetate	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Methacrylonitrile	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICV050	VX046726.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:47 PM	MMDadoda	6/18/2025 6:22:09 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

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:	VX061925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046758.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VSTDCCC050	VX046758.D	2-Butanone	JOHN	6/20/2025 8:42:24 AM	MMdadoda	6/21/2025 12:20:44 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBS01	VX046762.D	2-Butanone	JOHN	6/20/2025 8:42:30 AM	MMdadoda	6/21/2025 12:20:48 AM	Peak Integrated by Software
VX0619WBSD01	VX046763.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:34 AM	MMdadoda	6/21/2025 12:20:52 AM	Peak Integrated by Software
VSTDCCC050	VX046775.D	1,2,3-Trichloropropane	JOHN	6/20/2025 8:42:59 AM	MMdadoda	6/21/2025 12:21:03 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046715.D	17 Jun 2025 08:46	JC/MD	Ok
2	VSTDICC001	VX046716.D	17 Jun 2025 10:09	JC/MD	Not Ok
3	VSTDICC001	VX046717.D	17 Jun 2025 10:58	JC/MD	ReRun
4	VSTDICC005	VX046718.D	17 Jun 2025 11:19	JC/MD	Ok,M
5	VSTDICC020	VX046719.D	17 Jun 2025 13:59	JC/MD	Ok,M
6	VSTDICCC050	VX046720.D	17 Jun 2025 14:20	JC/MD	Ok,M
7	VSTDICC100	VX046721.D	17 Jun 2025 14:41	JC/MD	Ok,M
8	VSTDICC150	VX046722.D	17 Jun 2025 15:02	JC/MD	Ok,M
9	IBLK	VX046723.D	17 Jun 2025 15:23	JC/MD	Ok
10	VSTDICC001	VX046724.D	17 Jun 2025 16:20	JC/MD	Not Ok
11	VSTDICC001	VX046725.D	17 Jun 2025 17:18	JC/MD	Ok,M
12	VSTDICV050	VX046726.D	17 Jun 2025 18:00	JC/MD	Ok,M

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046757.D	19 Jun 2025 08:42	JC/MD	Ok
2	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	JC/MD	Ok,M
3	VX0619MBL01	VX046759.D	19 Jun 2025 10:12	JC/MD	Ok
4	VX0619WBL01	VX046760.D	19 Jun 2025 10:33	JC/MD	Ok
5	Q2345-01	VX046761.D	19 Jun 2025 11:03	JC/MD	Ok
6	VX0619WBS01	VX046762.D	19 Jun 2025 11:24	JC/MD	Ok,M
7	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51	JC/MD	Ok,M
8	Q2361-01	VX046764.D	19 Jun 2025 12:12	JC/MD	Ok
9	Q2334-01	VX046765.D	19 Jun 2025 12:33	JC/MD	Ok
10	Q2334-02	VX046766.D	19 Jun 2025 12:54	JC/MD	Ok
11	Q2334-03	VX046767.D	19 Jun 2025 13:15	JC/MD	Ok
12	Q2363-02	VX046768.D	19 Jun 2025 13:36	JC/MD	Dilution
13	IBLK	VX046769.D	19 Jun 2025 13:57	JC/MD	Ok
14	IBLK	VX046770.D	19 Jun 2025 14:18	JC/MD	Ok
15	Q2351-01	VX046771.D	19 Jun 2025 15:45	JC/MD	Ok
16	Q2372-02	VX046772.D	19 Jun 2025 16:06	JC/MD	Ok
17	Q2372-01	VX046773.D	19 Jun 2025 16:27	JC/MD	Ok
18	IBLK	VX046774.D	19 Jun 2025 16:49	JC/MD	Ok
19	VSTDCCC050	VX046775.D	19 Jun 2025 17:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046715.D	17 Jun 2025 08:46		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046716.D	17 Jun 2025 10:09	RRF check	JC/MD	Not Ok
3	VSTDICC001	VSTDICC001	VX046717.D	17 Jun 2025 10:58	low response	JC/MD	ReRun
4	VSTDICC005	VSTDICC005	VX046718.D	17 Jun 2025 11:19		JC/MD	Ok,M
5	VSTDICC020	VSTDICC020	VX046719.D	17 Jun 2025 13:59	LR- 10,49	JC/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VX046720.D	17 Jun 2025 14:20		JC/MD	Ok,M
7	VSTDICC100	VSTDICC100	VX046721.D	17 Jun 2025 14:41		JC/MD	Ok,M
8	VSTDICC150	VSTDICC150	VX046722.D	17 Jun 2025 15:02		JC/MD	Ok,M
9	IBLK	IBLK	VX046723.D	17 Jun 2025 15:23		JC/MD	Ok
10	VSTDICC001	VSTDICC001	VX046724.D	17 Jun 2025 16:20	spike error	JC/MD	Not Ok
11	VSTDICC001	VSTDICC001	VX046725.D	17 Jun 2025 17:18		JC/MD	Ok,M
12	VSTDICV050	ICVVX061725	VX046726.D	17 Jun 2025 18:00		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
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	VX046757.D	19 Jun 2025 08:42		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046758.D	19 Jun 2025 09:43	pH#Lot#V12668	JC/MD	Ok,M
3	VX0619MBL01	VX0619MBL01	VX046759.D	19 Jun 2025 10:12		JC/MD	Ok
4	VX0619WBL01	VX0619WBL01	VX046760.D	19 Jun 2025 10:33		JC/MD	Ok
5	Q2345-01	EB02-20250616	VX046761.D	19 Jun 2025 11:03	vial B pH<2 EB	JC/MD	Ok
6	VX0619WBS01	VX0619WBS01	VX046762.D	19 Jun 2025 11:24		JC/MD	Ok,M
7	VX0619WBSD01	VX0619WBSD01	VX046763.D	19 Jun 2025 11:51		JC/MD	Ok,M
8	Q2361-01	TT205S1-20250617	VX046764.D	19 Jun 2025 12:12	vial A pH<2	JC/MD	Ok
9	Q2334-01	MW3	VX046765.D	19 Jun 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2334-02	MW4	VX046766.D	19 Jun 2025 12:54	vial A pH<2	JC/MD	Ok
11	Q2334-03	GBTW1	VX046767.D	19 Jun 2025 13:15	vial A pH<2	JC/MD	Ok
12	Q2363-02	GCAP1W	VX046768.D	19 Jun 2025 13:36	vial A pH<2 Need 20X	JC/MD	Dilution
13	IBLK	IBLK	VX046769.D	19 Jun 2025 13:57		JC/MD	Ok
14	IBLK	IBLK	VX046770.D	19 Jun 2025 14:18		JC/MD	Ok
15	Q2351-01	FAIRLAWN-SUMP	VX046771.D	19 Jun 2025 15:45	vial A pH<2 oily sample	JC/MD	Ok
16	Q2372-02	GAV2W	VX046772.D	19 Jun 2025 16:06	vial A pH<2	JC/MD	Ok
17	Q2372-01	GAV1W	VX046773.D	19 Jun 2025 16:27	vial A pH<2	JC/MD	Ok
18	IBLK	IBLK	VX046774.D	19 Jun 2025 16:49		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061925

Review By	John Carlone	Review On	6/20/2025 8:46:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/21/2025 12:21:16 AM		
SubDirectory	VX061925	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134428
Initial Calibration Stds	
CCC	VP134429,VP134430
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VX046775.D	19 Jun 2025 17:10		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2372	**OrderDate:**	6/19/2025 2:53:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	**GAV1W**	**Water**			**06/19/25**			**06/19/25**
			VOCMS Group1	8260-Low			06/19/25	
Q2372-02	**GAV2W**	**Water**			**06/19/25**			**06/19/25**
			VOCMS Group1	8260-Low			06/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2372

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : GAV1W									
Q2372-01	GAV1W	WATER	2-(2-Butoxyethoxy)acetic acid	*	190.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	D-Allothreonine	*	770.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Dibutyl 3,6,9,12-tetraoxatetradeca	*	140.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-(2-butoxyethoxy)-	*	15.700	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-[2-(2-butoxyethoxy)etl	*	46.400	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-butoxy-	*	19.300	J	0	0	ug/L
			Total Tics :		**1,181.40**				
			Total Concentration:		**1,181.40**				

SAMPLE DATA

Raw Data: **BF142820.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.2	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Raw Data: **BF142820.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	06/19/25
Project:	Ave B			Date Received:	06/19/25
Client Sample ID:	GAV1W			SDG No.:	Q2372
Lab Sample ID:	Q2372-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.6		15 (23) - 110 (138)	47%	SPK: 150
13127-88-3	Phenol-d6	43.9		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.0		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150

Raw Data: **BF142820.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	06/19/25
Project:	Ave B			Date Received:	06/19/25
Client Sample ID:	GAV1W			SDG No.:	Q2372
Lab Sample ID:	Q2372-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	47.5		30 (42) - 130 (152)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69200	6.881			
1146-65-2	Naphthalene-d8	242000	8.163			
15067-26-2	Acenaphthene-d10	106000	9.922			
1517-22-2	Phenanthrene-d10	180000	11.41			
1719-03-5	Chrysene-d12	193000	14.057			
1520-96-3	Perylene-d12	145000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-76-2	Ethanol, 2-butoxy-	19.3	J		5.83	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	15.7	J		8.07	ug/L
082941-26-2	2-(2-Butoxyethoxy)acetic acid	190	J		9.18	ug/L
000143-22-6	Ethanol, 2-[2-(2-butoxyethoxy)etho	46.4	J		9.68	ug/L
024830-94-2	D-Allothreonine	770	J		10.6	ug/L
1010366-80-2	Dibutyl 3,6,9,12-tetraoxatetradeca	140	J		11.7	ug/L

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

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168592BL	PB168592BL	Nitrobenzene-d5	100	75.7	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	74.9	75		30 (52)	130 (132)
		Terphenyl-d14	100	68.3	68		30 (42)	130 (152)
PB168592BS	PB168592BS	Nitrobenzene-d5	100	74.3	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.6	76		30 (52)	130 (132)
		Terphenyl-d14	100	62.7	63		30 (42)	130 (152)
PB168592BSD	PB168592BSD	Nitrobenzene-d5	100	73.6	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		Terphenyl-d14	100	70.2	70		30 (42)	130 (152)
Q2372-01	GAV1W	Nitrobenzene-d5	100	82.3	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.0	88		30 (52)	130 (132)
		Terphenyl-d14	100	47.5	47		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BS	Benzaldehyde	50	38.2	ug/L	76				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	44.5	ug/L	89				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.5	ug/L	83				70 (57)	130 (107)	
	Hexachloroethane	50	42.8	ug/L	86				20 (76)	160 (118)	
	Nitrobenzene	50	44.0	ug/L	88				70 (58)	130 (106)	
	Isophorone	50	43.8	ug/L	88				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				70 (58)	130 (109)	
	Naphthalene	50	43.6	ug/L	87				70 (64)	130 (107)	
	4-Chloroaniline	50	23.4	ug/L	47		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.5	ug/L	89				70 (69)	130 (101)	
	Caprolactam	50	47.5	ug/L	95				20 (58)	160 (128)	
	2-Methylnaphthalene	50	43.2	ug/L	86				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	93.9	ug/L	94				20 (36)	160 (160)	
	1,1-Biphenyl	50	44.3	ug/L	89				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.9	ug/L	88				70 (59)	130 (106)	
	2-Nitroaniline	50	42.9	ug/L	86				70 (73)	130 (114)	
	Dimethylphthalate	50	44.4	ug/L	89				70 (64)	130 (103)	
	Acenaphthylene	50	43.7	ug/L	87				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	24.7	ug/L	49		*		70 (28)	130 (100)	
	Acenaphthene	50	48.3	ug/L	97				70 (59)	130 (113)	
	Dibenzofuran	50	43.1	ug/L	86				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.0	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	45.5	ug/L	91				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.5	ug/L	87				70 (61)	130 (104)	
	Fluorene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.2	ug/L	88				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	44.2	ug/L	88				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.6	ug/L	91				70 (73)	130 (103)	
	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	51.6	ug/L	103				70 (76)	130 (120)	
	Phenanthrene	50	44.4	ug/L	89				70 (62)	130 (109)	
	Anthracene	50	44.6	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.5	ug/L	91				70 (62)	130 (106)	
	Di-n-butylphthalate	50	51.4	ug/L	103				70 (64)	130 (106)	
	Fluoranthene	50	46.9	ug/L	94				70 (64)	130 (110)	
	Pyrene	50	35.7	ug/L	71				70 (71)	130 (103)	
	Butylbenzylphthalate	50	50.2	ug/L	100				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	19.3	ug/L	39		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.6	ug/L	87				70 (62)	130 (107)	
	Chrysene	50	45.6	ug/L	91				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	51.1	ug/L	102				70 (59)	130 (110)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BS	Di-n-octyl phthalate	50	47.0	ug/L	94				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	45.2	ug/L	90				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	48.9	ug/L	98				70 (77)	130 (105)	
	Benzo(a)pyrene	50	45.8	ug/L	92				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	40.8	ug/L	82				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	40.8	ug/L	82				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	40.8	ug/L	82				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.5	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	35.1	ug/L	70				20 (38)	160 (125)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BSD	Benzaldehyde	50	38.7	ug/L	77	1			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86	0			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83	0			70 (65)	130 (100)	20 (20)
	Acetophenone	50	43.1	ug/L	86	3			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	42.2	ug/L	84	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.4	ug/L	85	4			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.5	ug/L	87	1			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	1			70 (58)	130 (109)	20 (20)
	Naphthalene	50	42.8	ug/L	86	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	18.2	ug/L	36	25	*	*	70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.5	ug/L	87	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	0			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	43.0	ug/L	86	0			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	92.4	ug/L	92	2			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	43.4	ug/L	87	2			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.5	ug/L	85	3			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	43.3	ug/L	87	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.3	ug/L	89	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	42.6	ug/L	85	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	44.4	ug/L	89	0			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	24.2	ug/L	48	2	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	47.1	ug/L	94	3			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	42.5	ug/L	85	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	45.1	ug/L	90	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	45.0	ug/L	90	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.4	ug/L	85	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	43.6	ug/L	87	1			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	44.4	ug/L	89	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	45.4	ug/L	91	0			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	51.4	ug/L	103	0			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	44.3	ug/L	89	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.2	ug/L	88	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.9	ug/L	90	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	50.6	ug/L	101	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	45.8	ug/L	92	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	40.4	ug/L	81	12			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	51.5	ug/L	103	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	19.6	ug/L	39	2	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.8	ug/L	90	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.9	ug/L	92	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.5	ug/L	103	1			70 (59)	130 (110)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BSD	Di-n-octyl phthalate	50	48.5	ug/L	97	3			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	45.5	ug/L	91	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	46.8	ug/L	94	4			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	45.8	ug/L	92	0			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.1	ug/L	84	3			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.4	ug/L	85	4			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	42.6	ug/L	85	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	35.5	ug/L	71	1			20 (38)	160 (125)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168592BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142835.D Lab Sample ID: PB168592BL

Instrument ID: BNA_F Date Extracted: 06/24/2025

Matrix: (soil/water) Water Date Analyzed: 06/25/2025

Level: (low/med) LOW Time Analyzed: 13:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168592BS	PB168592BS	BF142836.D	06/25/2025
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025
GAV1W	Q2372-01	BF142820.D	06/24/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142787.D DFTPP Injection Date: 06/19/2025

Instrument ID: BNA_F DFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (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	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICCC040	SSTDICCC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142810.D DFTPP Injection Date: 06/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (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	BF142811.D	06/24/2025	10:16
GAV1W	Q2372-01	BF142820.D	06/24/2025	15:28

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142833.D DFTPP Injection Date: 06/25/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.0 (0.0) 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
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 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	BF142834.D	06/25/2025	13:25
PB168592BL	PB168592BL	BF142835.D	06/25/2025	13:55
PB168592BS	PB168592BS	BF142836.D	06/25/2025	14:25
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025	14:55

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

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	88364	6.88	335549	8.16	179366	9.92
	UPPER LIMIT	176728	7.38	671098	8.663	358732	10.421
	LOWER LIMIT	44182	6.38	167775	7.663	89683	9.421
	EPA SAMPLE NO.						
01	GAV1W	69183	6.88	242235	8.16	106484	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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

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	300319	11.41	163667	14.056	187854	15.545
	UPPER LIMIT	600638	11.91	327334	14.556	375708	16.045
	LOWER LIMIT	150160	10.91	81833.5	13.556	93927	15.045
	EPA SAMPLE NO.						
01	GAV1W	179849	11.41	193130	14.06	144569	15.55

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

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	62666	6.881	217016	8.16	105351	9.92
	UPPER LIMIT	125332	7.381	434032	8.663	210702	10.422
	LOWER LIMIT	31333	6.381	108508	7.663	52675.5	9.422
	EPA SAMPLE NO.						
01	PB168592BL	83049	6.88	315982	8.16	166060	9.92
02	PB168592BS	81651	6.88	296393	8.16	150433	9.92
03	PB168592BSD	83905	6.88	314873	8.16	163617	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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

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	165051	11.41	130450	14.057	161869	15.551
	UPPER LIMIT	330102	11.91	260900	14.557	323738	16.051
	LOWER LIMIT	82525.5	10.91	65225	13.557	80934.5	15.051
	EPA SAMPLE NO.						
01	PB168592BL	291883	11.40	193847	14.05	187448	15.55
02	PB168592BS	242210	11.41	173489	14.06	196328	15.55
03	PB168592BSD	262901	11.41	161274	14.06	186310	15.55

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: **BF142835.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BL	SDG No.:	Q2372
Lab Sample ID:	PB168592BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Raw Data: **BF142835.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BL			SDG No.:	Q2372
Lab Sample ID:	PB168592BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.7		30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

Raw Data: **BF142835.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BL			SDG No.:	Q2372
Lab Sample ID:	PB168592BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	68.3		30 (42) - 130 (152)	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83000	6.875			
1146-65-2	Naphthalene-d8	316000	8.157			
15067-26-2	Acenaphthene-d10	166000	9.916			
1517-22-2	Phenanthrene-d10	292000	11.404			
1719-03-5	Chrysene-d12	194000	14.051			
1520-96-3	Perylene-d12	187000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.20	A		5.11	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	5.00	J		17.2	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BF142836.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BS	SDG No.:	Q2372
Lab Sample ID:	PB168592BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.2		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		1.30	5.00	ug/L
98-86-2	Acetophenone	44.5		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.0		0.76	5.00	ug/L
78-59-1	Isophorone	43.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		0.68	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.4		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.5		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	93.9	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	44.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	42.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.4		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.7		1.10	5.00	ug/L
83-32-9	Acenaphthene	48.3		0.55	5.00	ug/L
132-64-9	Dibenzofuran	43.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.5		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	44.2		1.50	5.00	ug/L

Raw Data: **BF142836.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BS			SDG No.:	Q2372
Lab Sample ID:	PB168592BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.3		0.52	5.00	ug/L
1912-24-9	Atrazine	51.6		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.4		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	45.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.9		0.82	5.00	ug/L
129-00-0	Pyrene	35.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.2		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.6		0.45	5.00	ug/L
218-01-9	Chrysene	45.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	47.0		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	40.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.1		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	74.3		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.6		30 (52) - 130 (132)	76%	SPK: 100
1718-51-0	Terphenyl-d14	62.7		30 (42) - 130 (152)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	81700	6.875			

Raw Data: **BF142836.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BS			SDG No.:	Q2372
Lab Sample ID:	PB168592BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	296000	8.163			
15067-26-2	Acenaphthene-d10	150000	9.922			
1517-22-2	Phenanthrene-d10	242000	11.41			
1719-03-5	Chrysene-d12	173000	14.057			
1520-96-3	Perylene-d12	196000	15.545			

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: **BF142837.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BSD	SDG No.:	Q2372
Lab Sample ID:	PB168592BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.7		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.30	5.00	ug/L
98-86-2	Acetophenone	43.1		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.4		0.76	5.00	ug/L
78-59-1	Isophorone	43.5		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		0.68	5.00	ug/L
91-20-3	Naphthalene	42.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.4		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	92.4	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	43.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.6		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.1		0.55	5.00	ug/L
132-64-9	Dibenzofuran	42.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.4		0.68	5.00	ug/L
86-73-7	Fluorene	42.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	43.6		1.50	5.00	ug/L

Raw Data: **BF142837.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BSD			SDG No.:	Q2372
Lab Sample ID:	PB168592BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.4		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.4		0.52	5.00	ug/L
1912-24-9	Atrazine	51.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.2		0.61	5.00	ug/L
86-74-8	Carbazole	44.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
129-00-0	Pyrene	40.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	51.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.45	5.00	ug/L
218-01-9	Chrysene	45.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.5		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.6		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
1718-51-0	Terphenyl-d14	70.2		30 (42) - 130 (152)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83900	6.875			

Raw Data: **BF142837.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BSD			SDG No.:	Q2372
Lab Sample ID:	PB168592BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	315000	8.163			
15067-26-2	Acenaphthene-d10	164000	9.922			
1517-22-2	Phenanthrene-d10	263000	11.41			
1719-03-5	Chrysene-d12	161000	14.057			
1520-96-3	Perylene-d12	186000	15.545			

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF1427
95.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	ISTD									
2)		1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480	3.60
3)		Pyridine		1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205	3.78
4)		n-Nitrosodimet...			0.610	0.617	0.596	0.668	0.632	0.614	0.623	3.98
5)	S	2-Fluorophenol		2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403	4.26
6)		Aniline		1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886	4.41
7)	S	Phenol-d6		3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834	5.53
8)		2-Chlorophenol		1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296	4.08
9)		Benzaldehyde			0.988	0.943	0.757	0.832	0.684		0.841	15.02
10)	C	Phenol		1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575	5.31
11)		bis(2-Chloroet...		1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126	3.71
12)		1,3-Dichlorobe...		1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449	4.85
13)	C	1,4-Dichlorobe...		1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462	5.04
14)		1,2-Dichlorobe...		1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387	4.72
15)		Benzyl Alcohol			1.023	1.025	0.976	1.106	1.032	0.985	1.025	4.51
16)		2,2'-oxybis(1-...		1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809	6.12
17)		2-Methylphenol		1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982	4.13
18)		Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511	3.89
19)	P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)		3+4-Methylphenols			1.292	1.262	1.176	1.312	1.197	1.108	1.224	6.36
21)	I	Naphthalene-d8	ISTD									
22)		Acetophenone		0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441	5.28
23)	S	Nitrobenzene-d5		0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729	3.48
24)		Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330	3.88
25)		Isophorone		0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585	4.17
26)	C	2-Nitrophenol		0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180	4.85
27)		2,4-Dimethylph...		0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311	3.99
28)		bis(2-Chloroet...		0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372	4.09
29)	C	2,4-Dichloroph...		0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282	3.77
30)		1,2,4-Trichlor...		0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310	4.26
31)		Naphthalene		1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979	5.46
32)		Benzoic acid			0.118	0.147	0.157	0.181	0.180	0.169	0.159	15.08
33)		4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398	5.26
34)	C	Hexachlorobuta...		0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190	4.30
35)		Caprolactam			0.073	0.075	0.072	0.081	0.078	0.069	0.075	5.84
36)	C	4-Chloro-3-met...		0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281	5.24
37)		2-Methylnaphth...		0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607	6.12
38)		1-Methylnaphth...		0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628	6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27
41)	P	Hexachlorocycl...		0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02
42)	S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96
43)	C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71
44)		2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95
45)	S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15
46)		1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27
47)		2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50
48)		2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93
49)		Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64
50)		Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17
51)		2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57
52)	C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44
53)		3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52
54)	P	2,4-Dinitrophenol		0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61
55)		Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13
56)	P	4-Nitrophenol		0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25
57)		2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90
58)		Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58
59)		2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43
60)		Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50
61)		4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64
62)		4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48
63)		Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04
66)	c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07
67)		4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03
68)		Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29
69)		Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48
70)	C	Pentachlorophenol		0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30
71)		Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24
72)		Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35
73)		Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67
74)		Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92
75)	C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71
78)		Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43
79)	S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30
80)		Butylbenzylpht...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01
81)		Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98
82)		3,3'-Dichlorob...		0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73
83)		Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17
84)		Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52
85)	c	Di-n-octyl pht...		1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)		Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)		Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90)	C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)		Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)		Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = 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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.291		7.5	
Benzaldehyde	0.841	0.794		-5.6	
Phenol-d6	1.417	1.525		7.6	
bis(2-Chloroethyl)ether	1.126	1.218		8.2	
2,2-oxybis(1-Chloropropane)	1.809	1.882		4.0	
Acetophenone	0.441	0.464		5.2	
n-Nitroso-di-n-propylamine	0.824	0.878	0.050	6.6	
Nitrobenzene-d5	0.365	0.392		7.4	
Hexachloroethane	0.511	0.538		5.3	
Nitrobenzene	0.330	0.354		7.3	
Isophorone	0.585	0.629		7.5	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.037		5.9	
4-Chloroaniline	0.398	0.430		8.0	
Hexachlorobutadiene	0.190	0.198		4.2	20.0
Caprolactam	0.075	0.089		18.7	
2-Methylnaphthalene	0.607	0.642		5.8	
Hexachlorocyclopentadiene	0.335	0.363	0.050	8.4	
2-Fluorobiphenyl	1.522	1.513		-0.6	
1,1-Biphenyl	1.580	1.627		3.0	
2-Chloronaphthalene	1.186	1.226		3.4	
2-Nitroaniline	0.332	0.365		9.9	
Dimethylphthalate	1.295	1.370		5.8	
Acenaphthylene	1.952	2.032		4.1	
2,6-Dinitrotoluene	0.284	0.307		8.1	
3-Nitroaniline	0.313	0.349		11.5	
Acenaphthene	1.191	1.256		5.5	20.0
Dibenzofuran	1.708	1.783		4.4	
2,4-Dinitrotoluene	0.378	0.420		11.1	
Diethylphthalate	1.269	1.361		7.3	
4-Chlorophenyl-phenylether	0.636	0.648		1.9	
Fluorene	1.334	1.373		2.9	
4-Nitroaniline	0.286	0.329		15.0	
n-Nitrosodiphenylamine	0.693	0.711		2.6	20.0
2,4,6-Tribromophenol	0.206	0.220		6.8	
4-Bromophenyl-phenylether	0.228	0.240		5.3	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.179	0.199		11.2	
Phenanthrene	1.083	1.122		3.6	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.145		3.1	
Carbazole	0.959	1.009		5.2	
Di-n-butylphthalate	0.999	1.075		7.6	
Fluoranthene	1.028	1.044		1.6	20.0
Pyrene	1.875	1.902		1.4	
Terphenyl-d14	1.447	1.406		-2.8	
Butylbenzylphthalate	0.544	0.587		7.9	
3,3-Dichlorobenzidine	0.438	0.472		7.8	
Benzo(a)anthracene	1.349	1.414		4.8	
Chrysene	1.204	1.284		6.6	
Bis(2-ethylhexyl)phthalate	0.782	0.826		5.6	
Di-n-octyl phthalate	1.475	1.519		3.0	20.0
Benzo(b)fluoranthene	1.157	1.271		9.9	
Benzo(k)fluoranthene	1.083	1.127		4.1	
Benzo(a)pyrene	1.118	1.198		7.2	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.575		3.4	
Dibenzo(a,h)anthracene	1.238	1.269		2.5	
Benzo(g,h,i)perylene	1.234	1.268		2.8	
1,2,4,5-Tetrachlorobenzene	0.590	0.606		2.7	
1,4-Dioxane	0.480	0.520		8.3	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.310		9.1	
Benzaldehyde	0.841	1.601		90.4	
Phenol-d6	1.417	1.498		5.7	
bis(2-Chloroethyl)ether	1.126	1.187		5.4	
2,2-oxybis(1-Chloropropane)	1.809	1.824		0.8	
Acetophenone	0.441	0.485		10.0	
n-Nitroso-di-n-propylamine	0.824	0.810	0.050	-1.7	
Nitrobenzene-d5	0.365	0.429		17.5	
Hexachloroethane	0.511	0.536		4.9	
Nitrobenzene	0.330	0.360		9.1	
Isophorone	0.585	0.564		-3.6	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.102		12.6	
4-Chloroaniline	0.398	0.363		-8.8	
Hexachlorobutadiene	0.190	0.213		12.1	20.0
Caprolactam	0.075	0.076		1.3	
2-Methylnaphthalene	0.607	0.706		16.3	
Hexachlorocyclopentadiene	0.335	0.399	0.050	19.1	
2-Fluorobiphenyl	1.522	1.796		18.0	
1,1-Biphenyl	1.580	1.785		13.0	
2-Chloronaphthalene	1.186	1.311		10.5	
2-Nitroaniline	0.332	0.349		5.1	
Dimethylphthalate	1.295	1.402		8.3	
Acenaphthylene	1.952	2.014		3.2	
2,6-Dinitrotoluene	0.284	0.309		8.8	
3-Nitroaniline	0.313	0.321		2.6	
Acenaphthene	1.191	1.337		12.3	20.0
Dibenzofuran	1.708	1.910		11.8	
2,4-Dinitrotoluene	0.378	0.393		4.0	
Diethylphthalate	1.269	1.419		11.8	
4-Chlorophenyl-phenylether	0.636	0.688		8.2	
Fluorene	1.334	1.434		7.5	
4-Nitroaniline	0.286	0.307		7.3	
n-Nitrosodiphenylamine	0.693	0.758		9.4	20.0
2,4,6-Tribromophenol	0.206	0.217		5.3	
4-Bromophenyl-phenylether	0.228	0.259		13.6	
Hexachlorobenzene	0.253	0.277		9.5	
Atrazine	0.179	0.201		12.3	
Phenanthrene	1.083	1.190		9.9	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.171		5.4	
Carbazole	0.959	1.070		11.6	
Di-n-butylphthalate	0.999	1.304		30.5	
Fluoranthene	1.028	1.225		19.2	20.0
Pyrene	1.875	1.558		-16.9	
Terphenyl-d14	1.447	1.279		-11.6	
Butylbenzylphthalate	0.544	0.670		23.2	
3,3-Dichlorobenzidine	0.438	0.471		7.5	
Benzo(a)anthracene	1.349	1.494		10.7	
Chrysene	1.204	1.301		8.1	
Bis(2-ethylhexyl)phthalate	0.782	1.016		29.9	
Di-n-octyl phthalate	1.475	1.826		23.8	20.0
Benzo(b)fluoranthene	1.157	1.366		18.1	
Benzo(k)fluoranthene	1.083	1.131		4.4	
Benzo(a)pyrene	1.118	1.144		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.533		0.7	
Dibenzo(a,h)anthracene	1.238	1.245		0.6	
Benzo(g,h,i)perylene	1.234	1.274		3.2	
1,2,4,5-Tetrachlorobenzene	0.590	0.700		18.6	
1,4-Dioxane	0.480	0.501		4.4	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

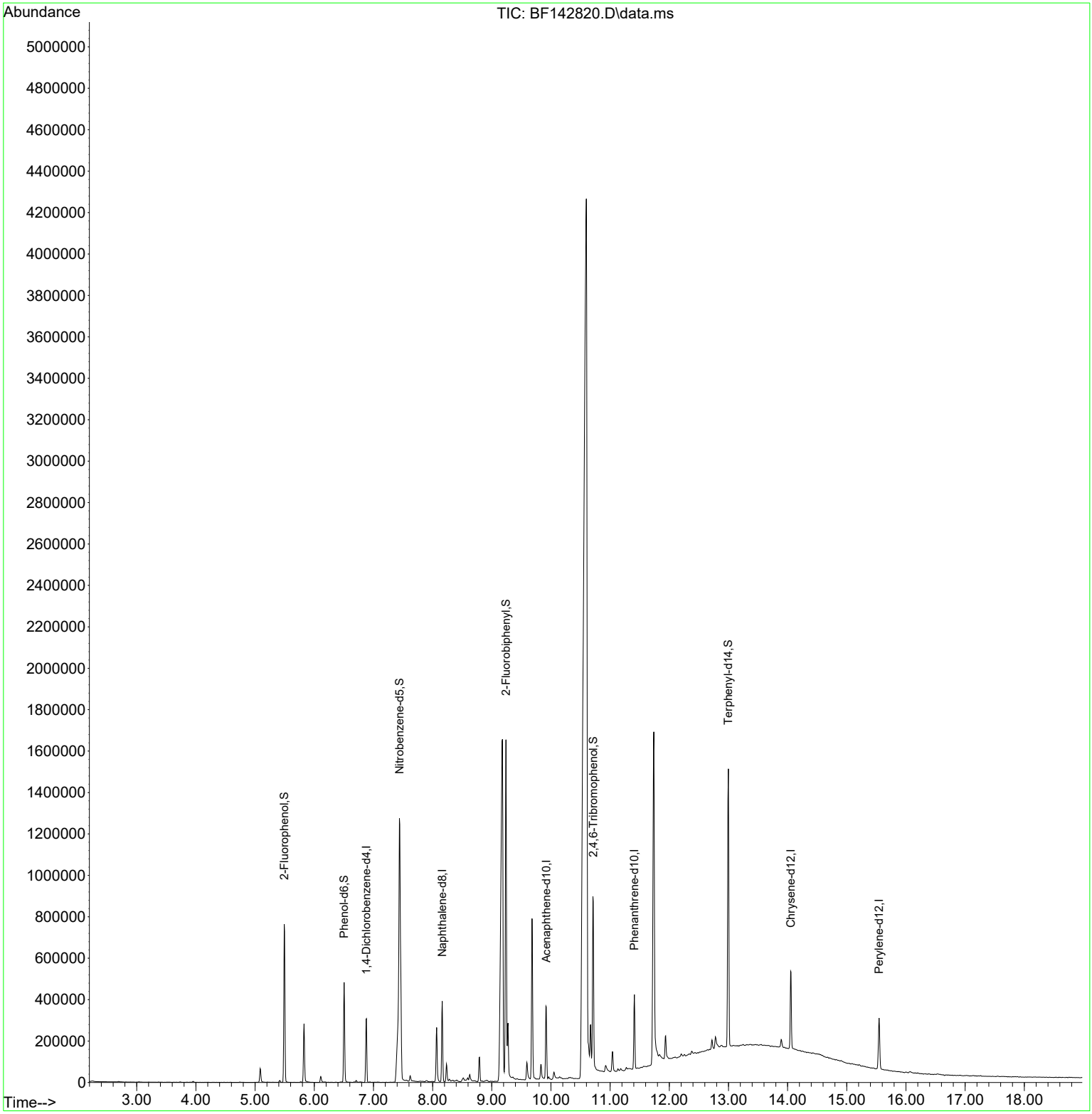
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	242235	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	106484	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	179849	20.000	ng	0.00
76) Chrysene-d12	14.057	240	193130	20.000	ng	0.00
86) Perylene-d12	15.545	264	144569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	293375	70.602	ng	0.00
7) Phenol-d6	6.504	99	215123	43.881	ng	0.00
23) Nitrobenzene-d5	7.440	82	363253	82.254	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	145109	132.424	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	713214	87.988	ng	0.00
79) Terphenyl-d14	12.998	244	663563	47.473	ng	0.00
Target Compounds						Qvalue

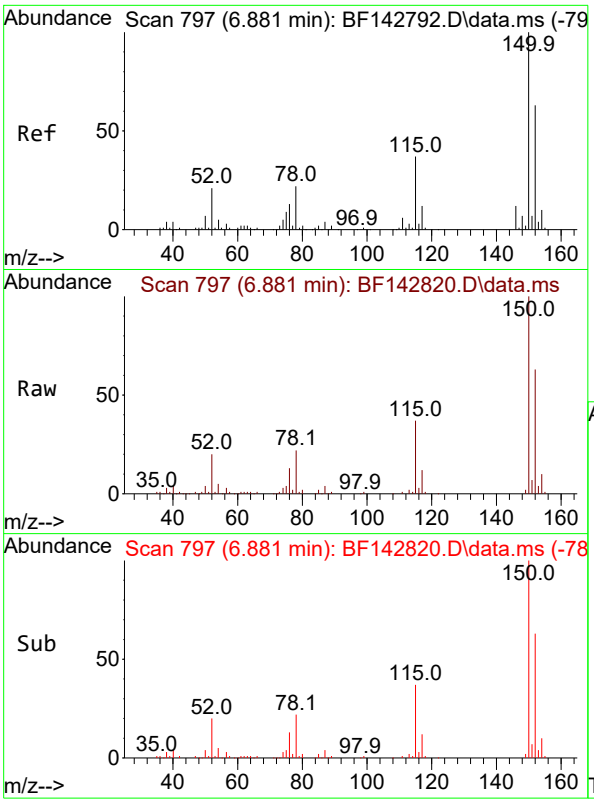
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



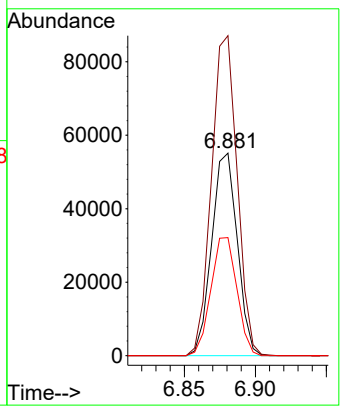


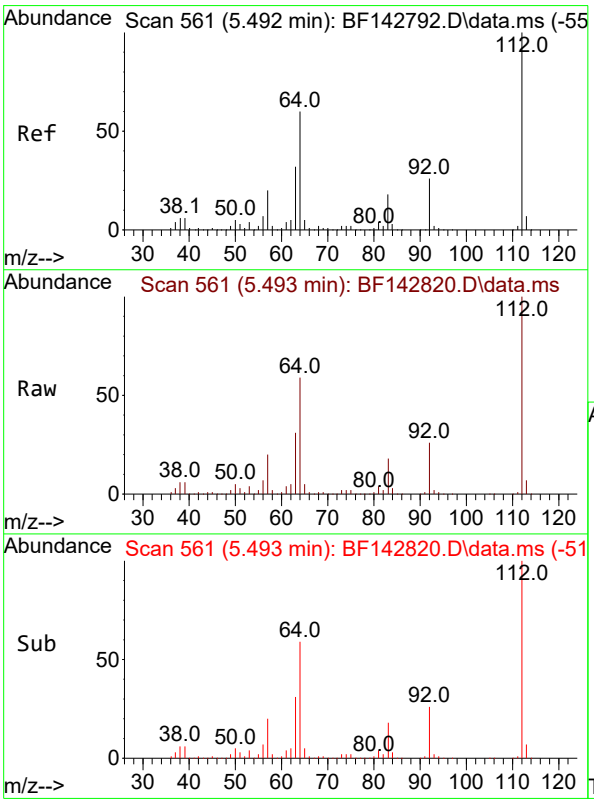
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:152 Resp: 69183

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.2	190.8
115	58.3	46.6	69.8

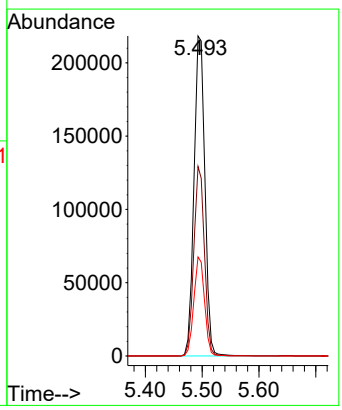


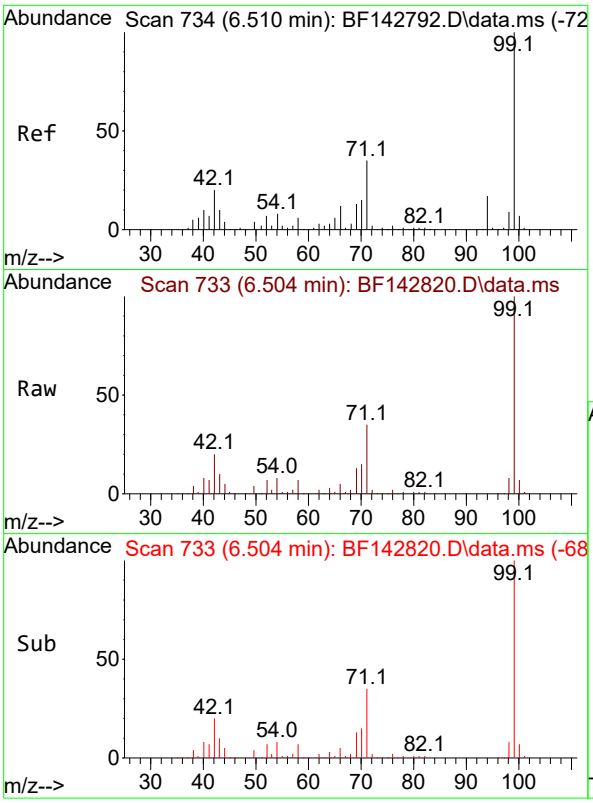


#5
2-Fluorophenol
Concen: 70.602 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:112 Resp: 293375

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.2	72.2
63	31.0	25.7	38.5



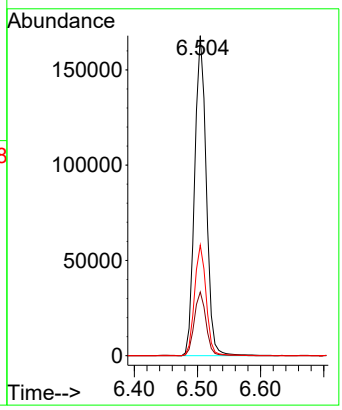


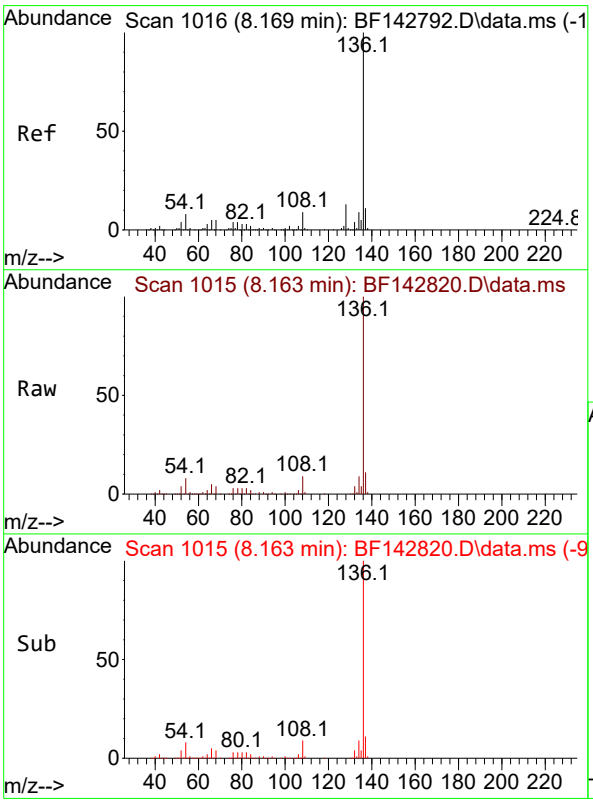
#7
Phenol-d6
Concen: 43.881 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion: 99 Resp: 215123

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.5	27.8	41.8

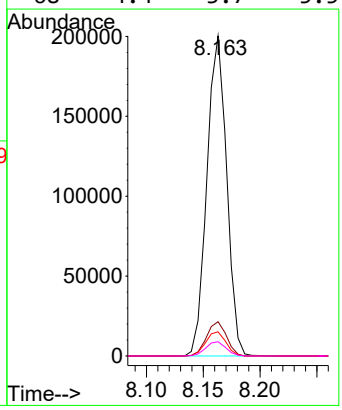


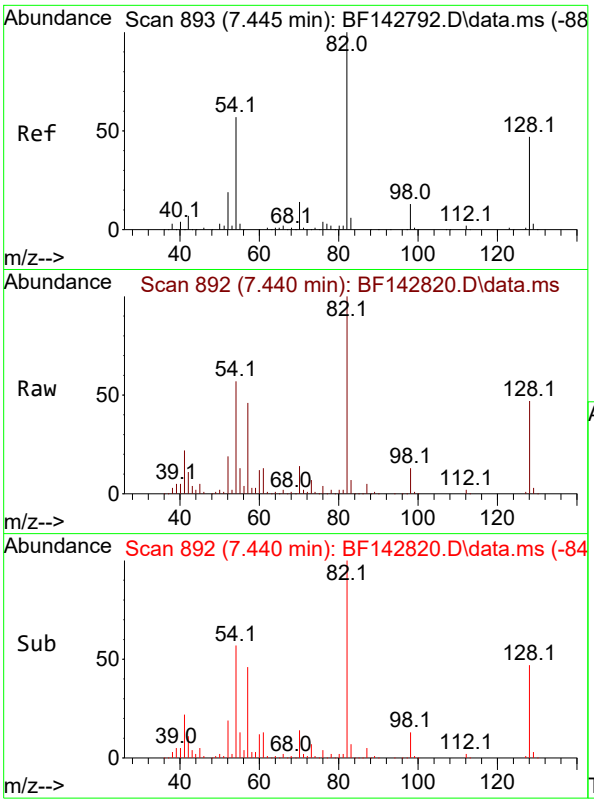


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:136 Resp: 242235

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.6	6.3	9.5
68	4.4	3.7	5.5



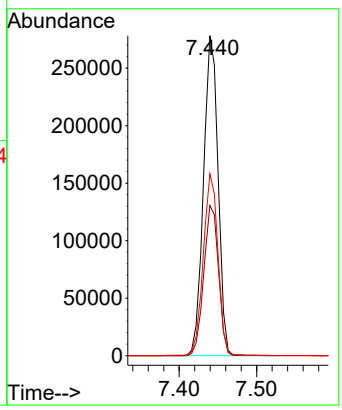


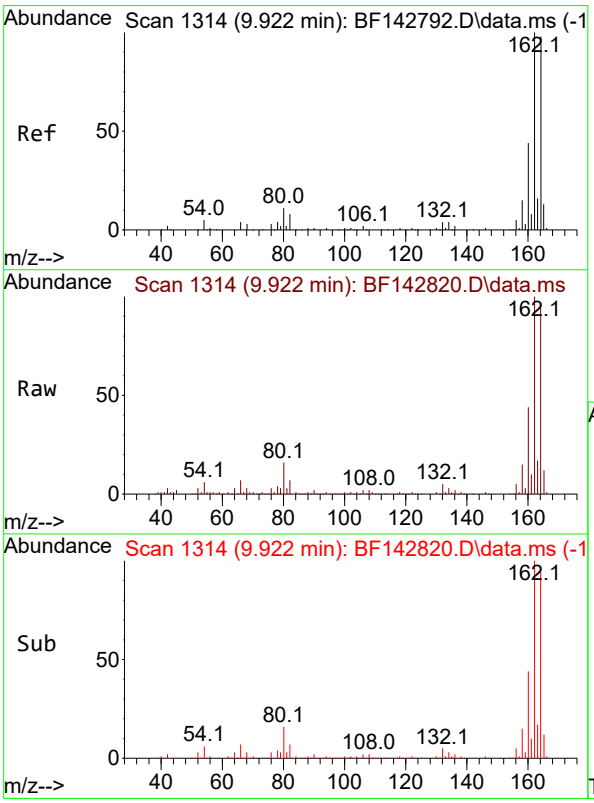
#23
Nitrobenzene-d5
Concen: 82.254 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion: 82 Resp: 363253

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	56.8	45.7	68.5

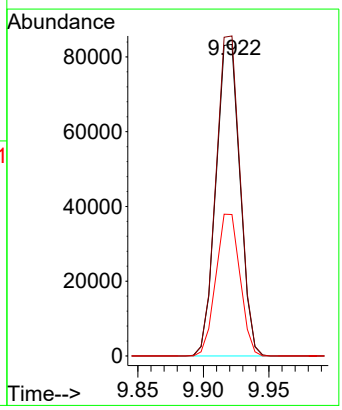


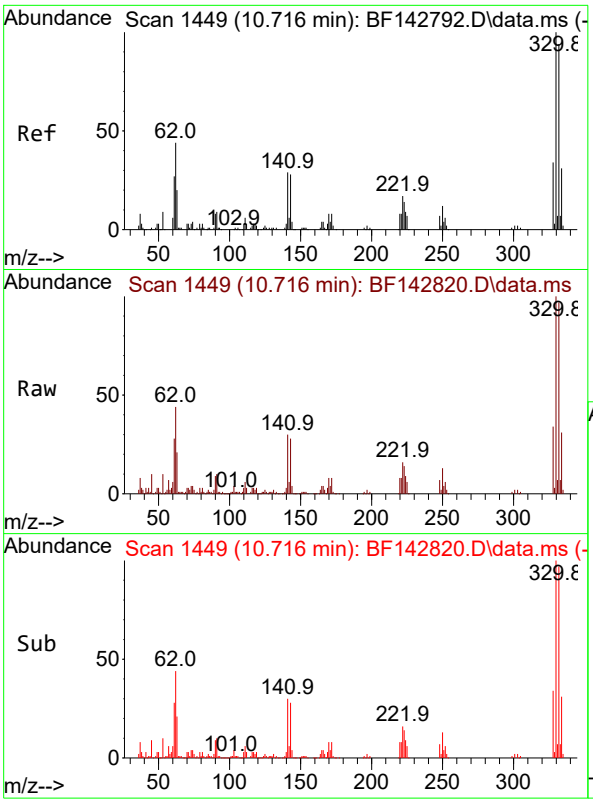


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:164 Resp: 106484

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	45.4	36.0	54.0



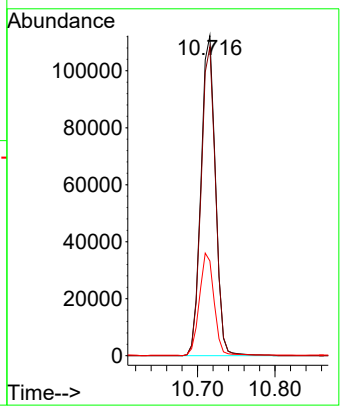


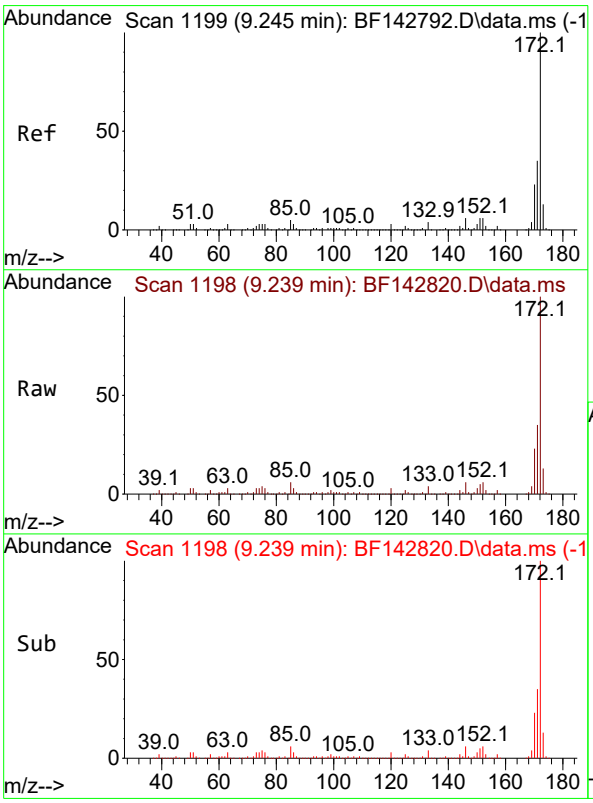
#42
2,4,6-Tribromophenol
Concen: 132.424 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:330 Resp: 145109

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.0	112.6
141	33.3	25.3	37.9

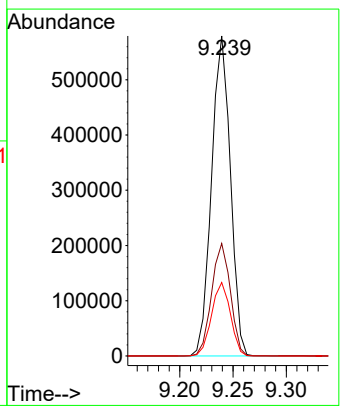


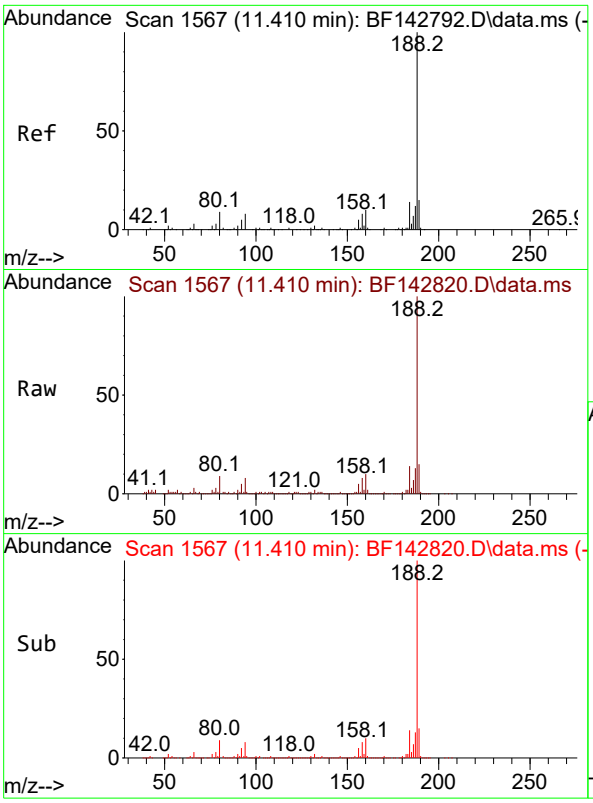


#45
2-Fluorobiphenyl
Concen: 87.988 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:172 Resp: 713214

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.0	18.5	27.7



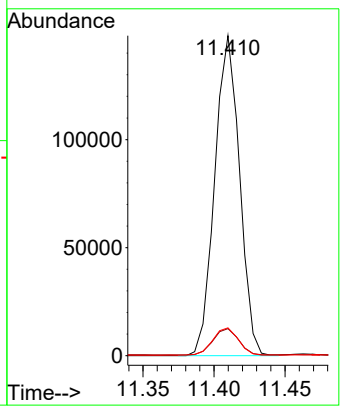


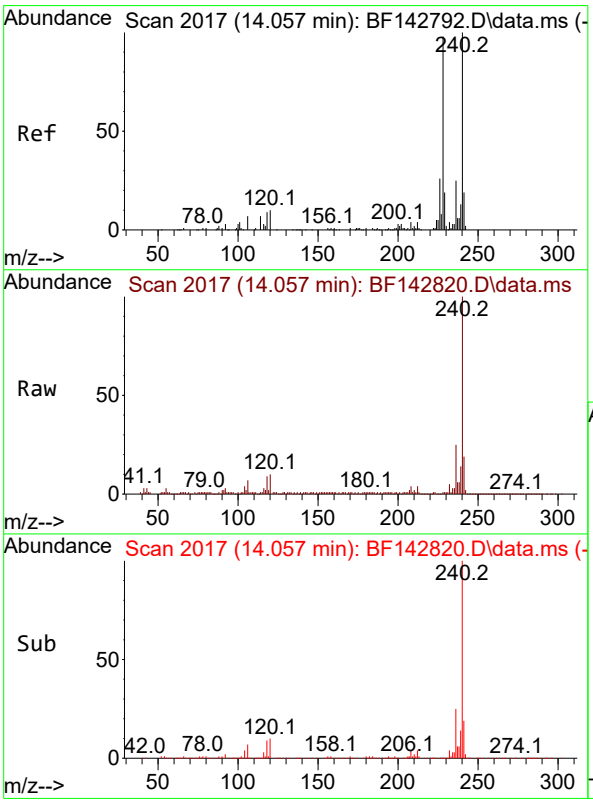
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:188 Resp: 179849

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.7	6.9	10.3

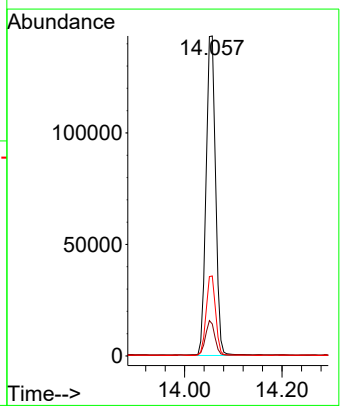


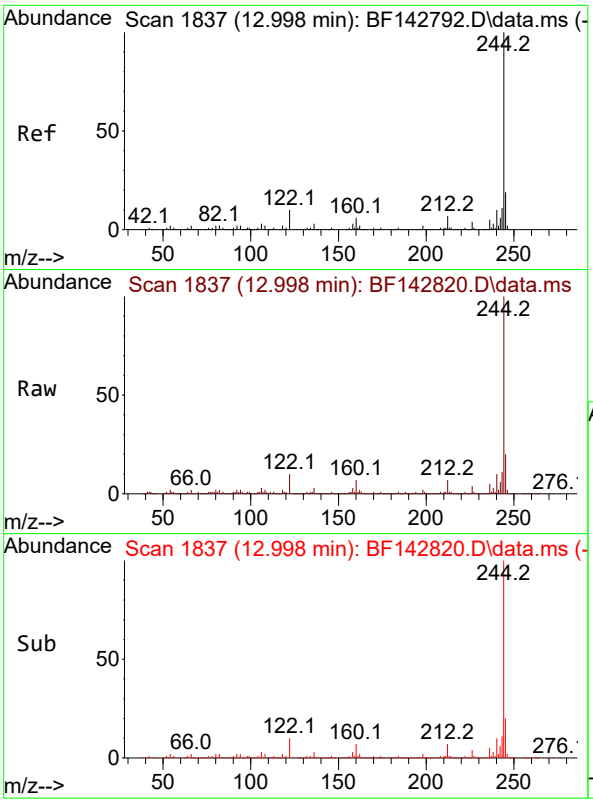


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:240 Resp: 193130

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	25.0	19.8	29.8



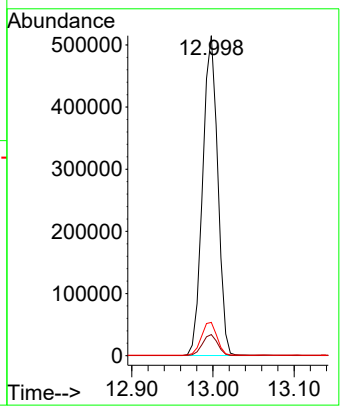


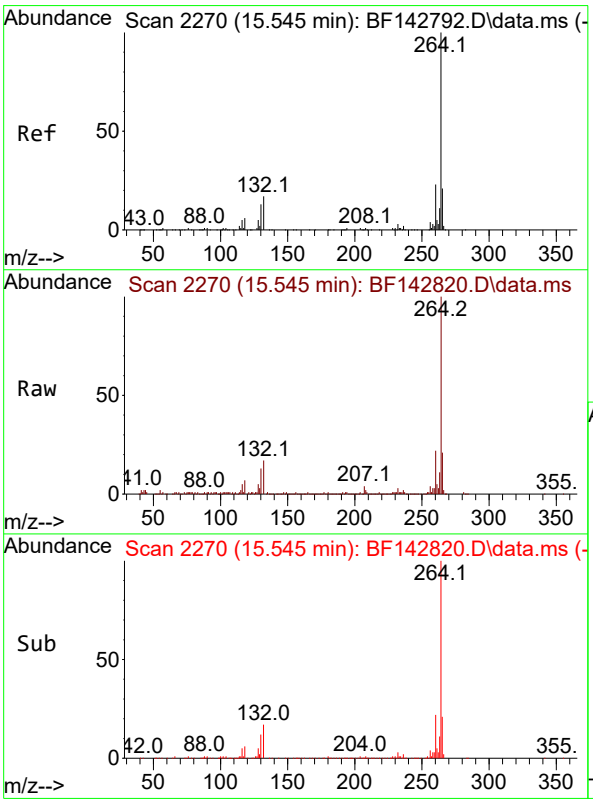
#79
Terphenyl-d14
Concen: 47.473 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:244 Resp: 663563

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	8.2	12.2

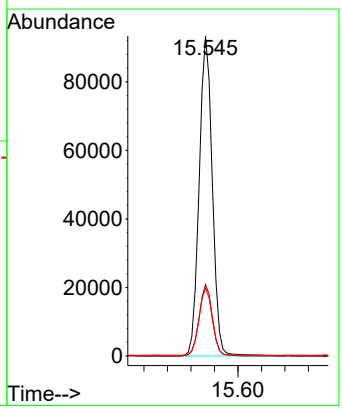




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:264 Resp: 144569

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.1	27.1
265	21.2	16.6	25.0



Sample Results: **BF142820.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142820.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	575	rVB	762688	1006374	5.93%	2.576%
2	5.828	612	618	641	rVB	282298	371523	2.19%	0.951%
3	6.504	728	733	745	rVB	482054	614707	3.62%	1.574%
4	6.881	791	797	802	rBV	307995	392587	2.31%	1.005%
5	7.440	877	892	909	rBV2	1273728	3104160	18.30%	7.946%
6	8.069	992	999	1010	rBV	261159	361822	2.13%	0.926%
7	8.163	1010	1015	1020	rVB	387743	470338	2.77%	1.204%
8	9.181	1174	1188	1193	rBV	1651213	4249157	25.05%	10.877%
9	9.239	1193	1198	1202	rVV	1638930	2130040	12.56%	5.453%
10	9.275	1202	1204	1215	rVB	264201	303612	1.79%	0.777%
11	9.681	1268	1273	1285	rVB	775771	1022717	6.03%	2.618%
12	9.916	1308	1313	1318	rVB	349698	449373	2.65%	1.150%
13	10.598	1409	1429	1438	rBV	4246983	16964197	100.00%	43.426%
14	10.669	1438	1441	1444	rVV	234987	329606	1.94%	0.844%
15	10.710	1444	1448	1461	rVB	842321	1204220	7.10%	3.083%
16	11.410	1562	1567	1572	rBV	359841	448603	2.64%	1.148%
17	11.739	1615	1623	1636	rBV	1607680	3006321	17.72%	7.696%
18	12.998	1832	1837	1842	rBV	1336671	1723629	10.16%	4.412%
19	14.051	2012	2016	2028	rVB	377933	518407	3.06%	1.327%
20	15.545	2264	2270	2279	rVB	247992	393595	2.32%	1.008%

Sum of corrected areas: 39064988

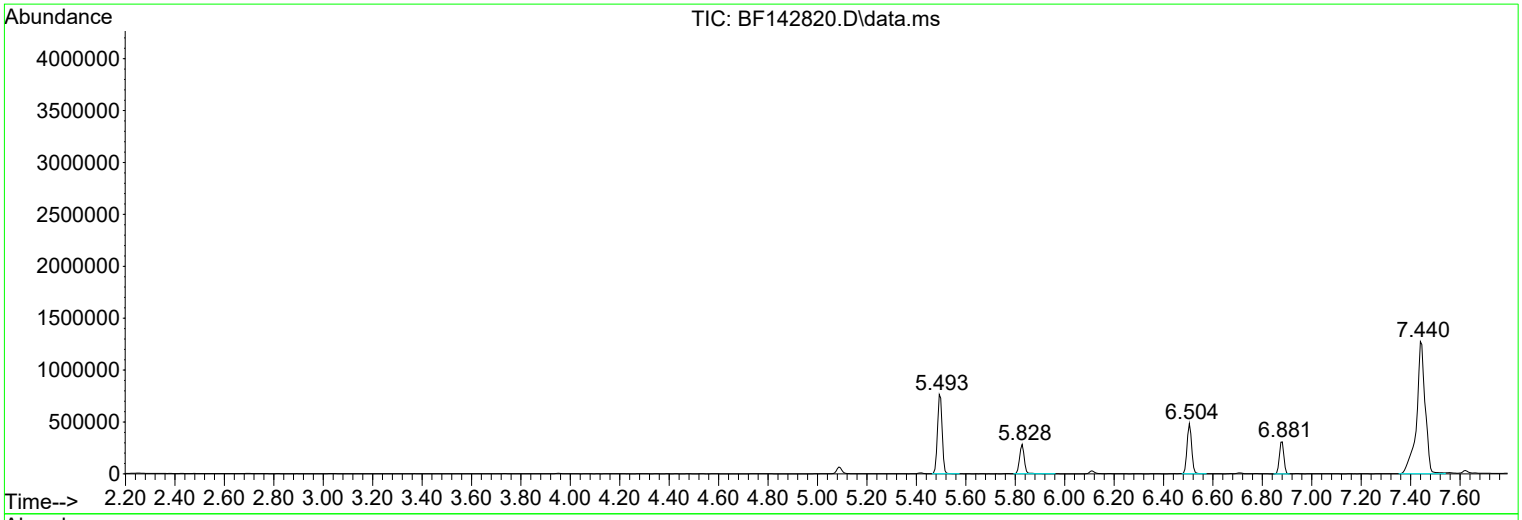
Sample Results: **BF142820.D**

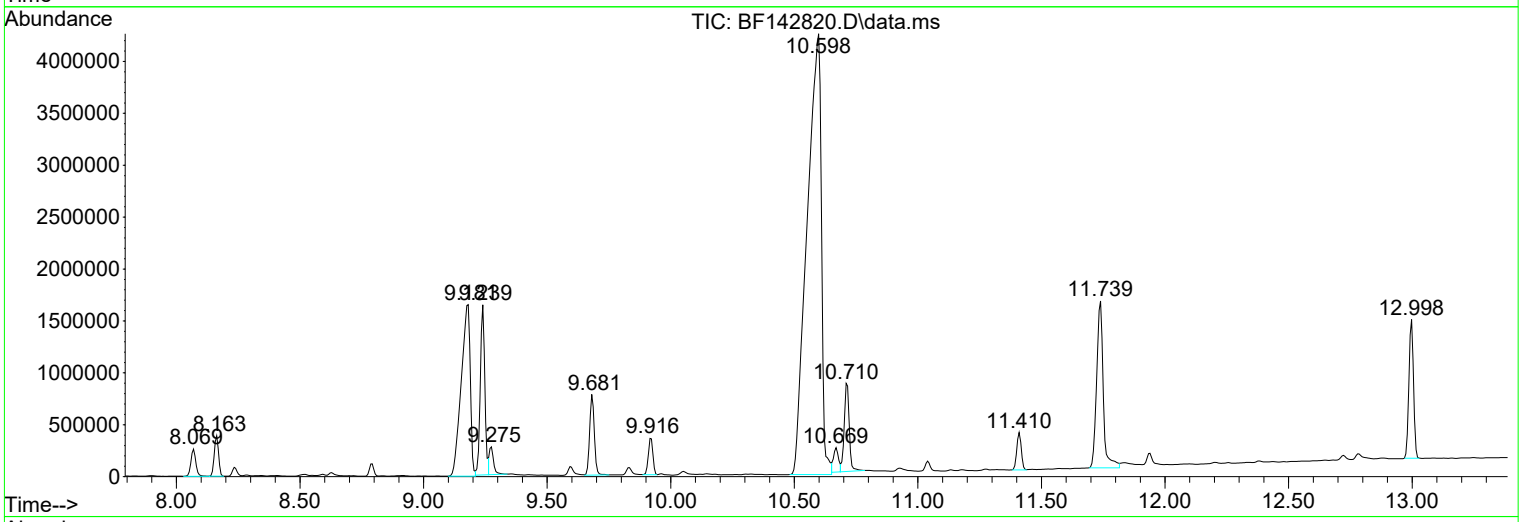
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

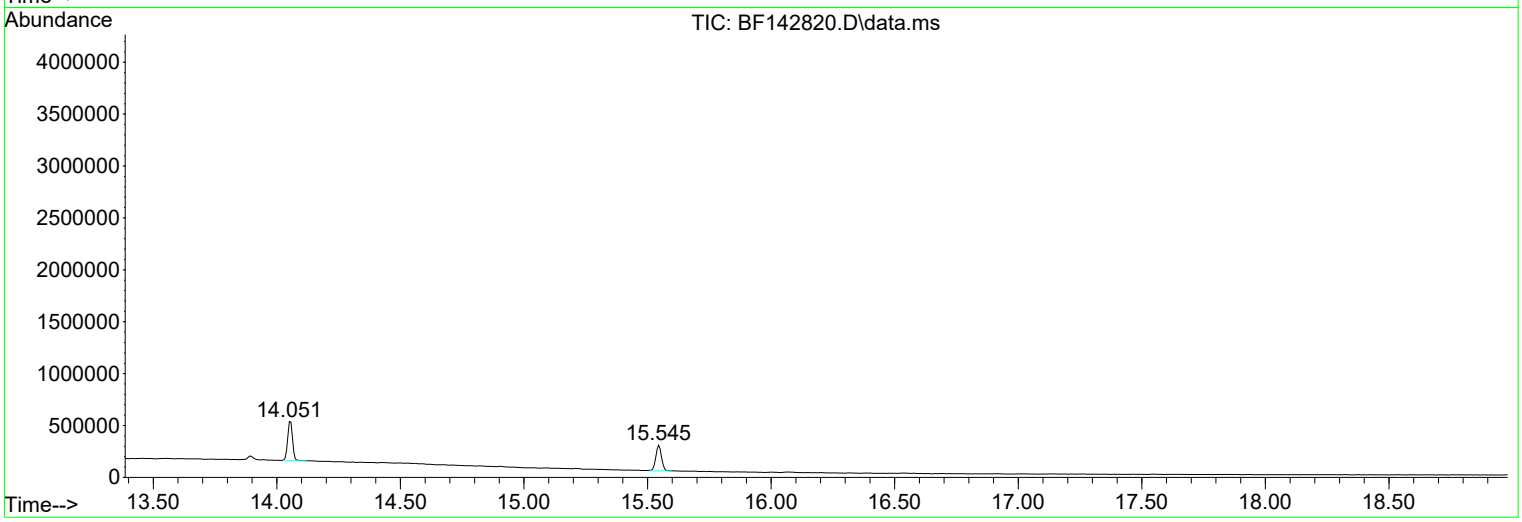
Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

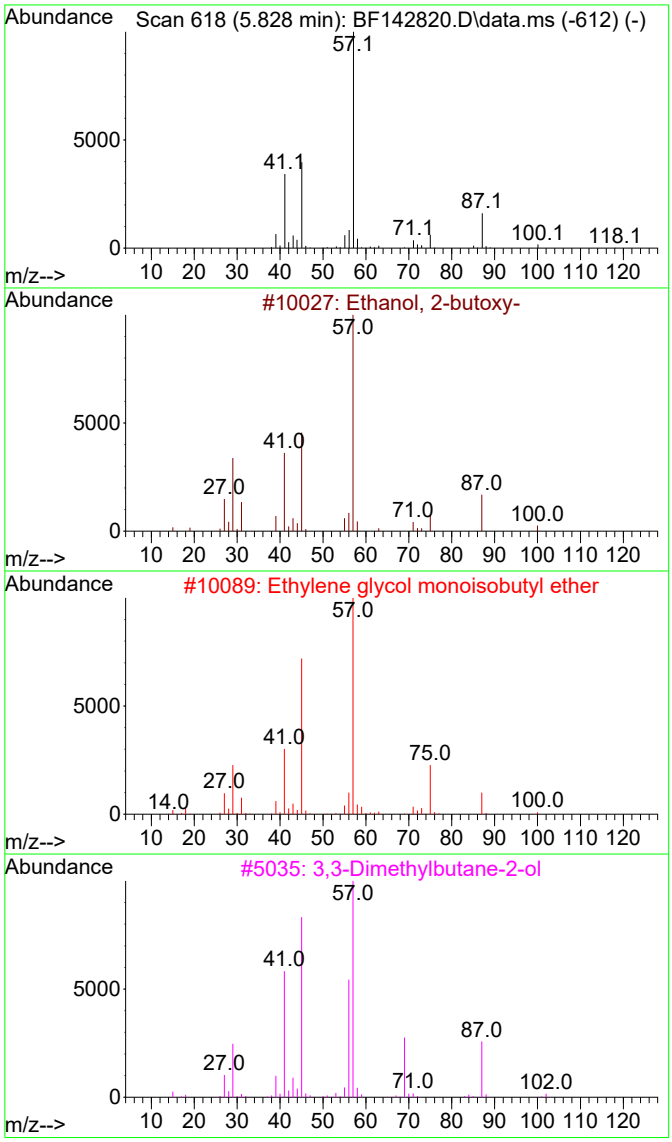
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

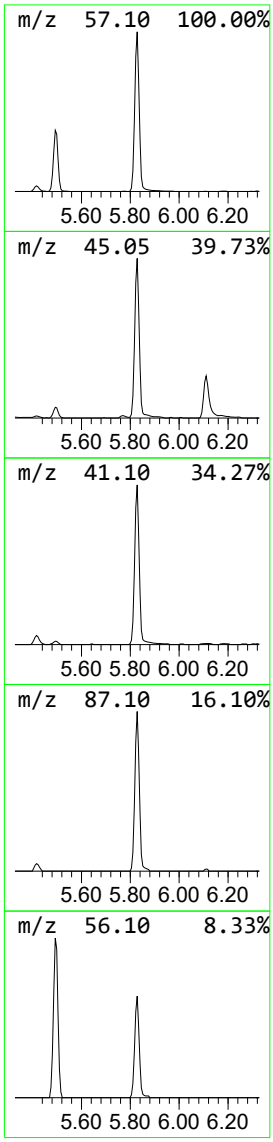
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	18.93 ng	371523	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	n-Butyl ether	130	C8H18O	000142-96-1	12
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

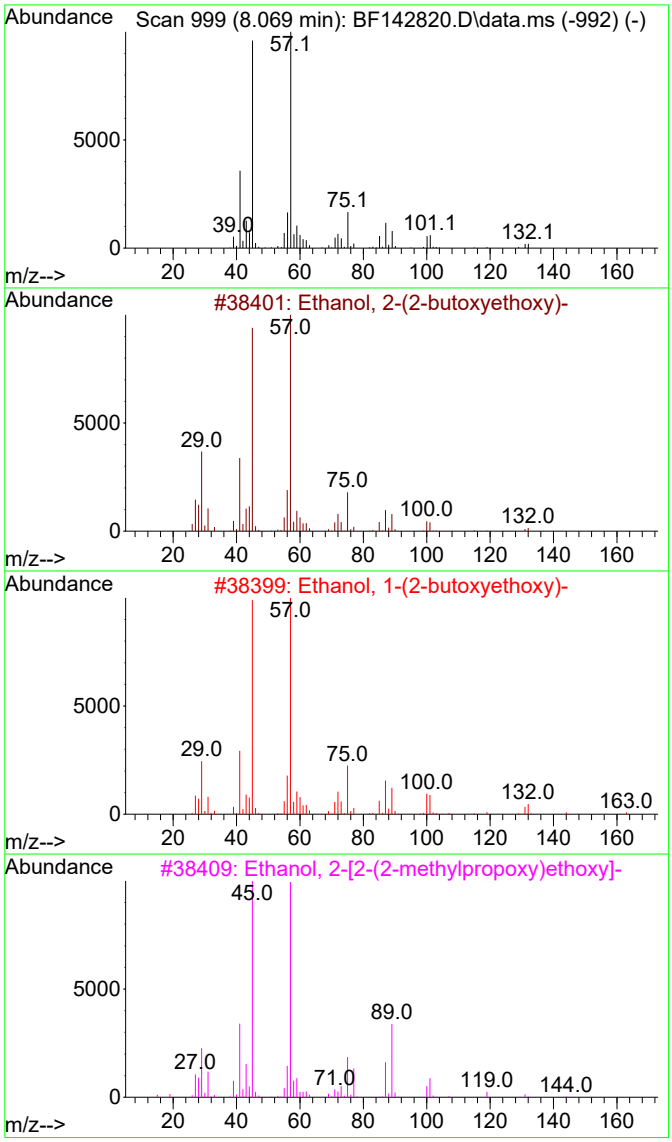
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

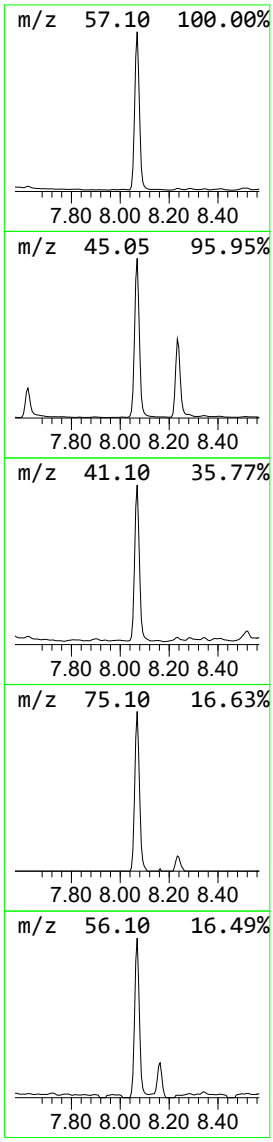
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	15.39 ng	361822	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

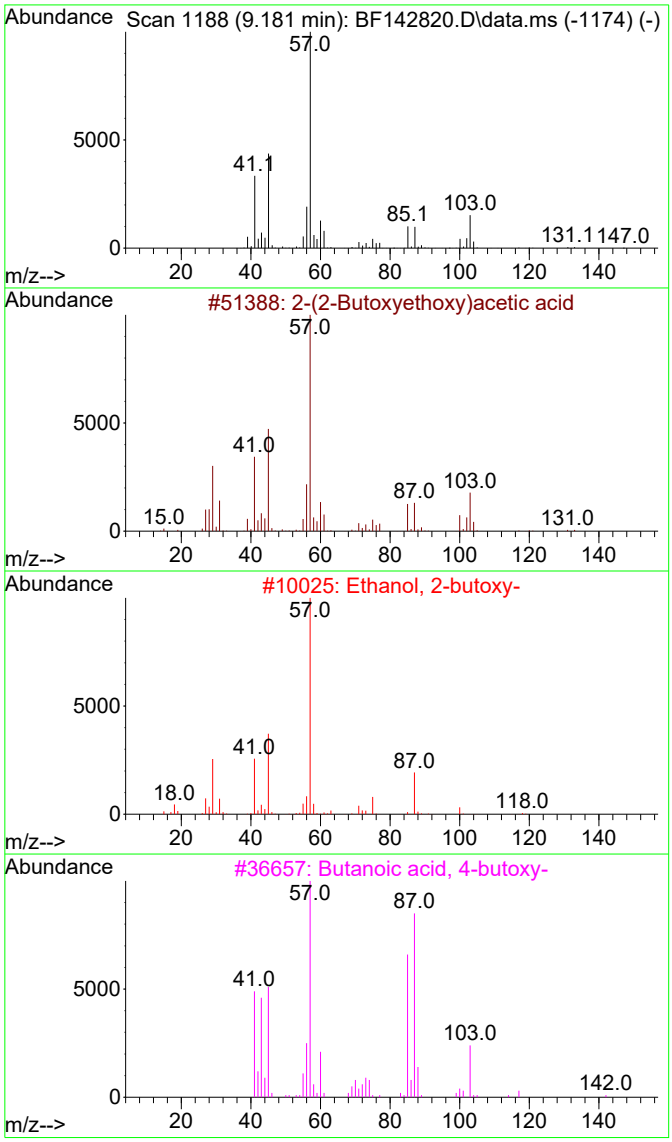
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

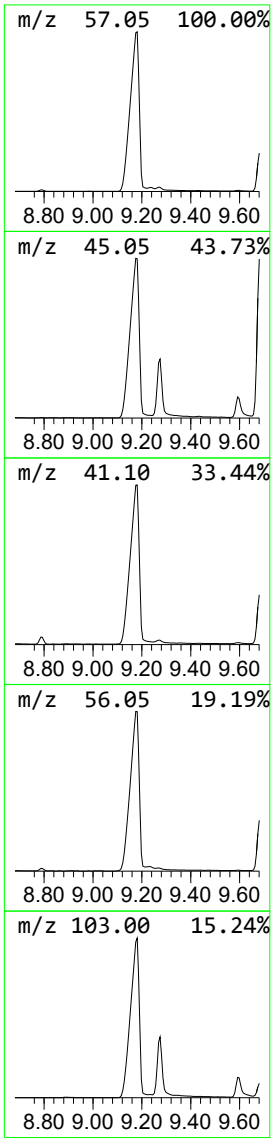
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-(2-Butoxyethoxy)acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	189.12 ng	4249160	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	72
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
3	Butanoic acid, 4-butoxy-	160	C8H16O3	055724-73-7	42
4	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	40
5	Isobutyl pentan-2-yl carbonate	188	C10H20O3	1010372-76-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

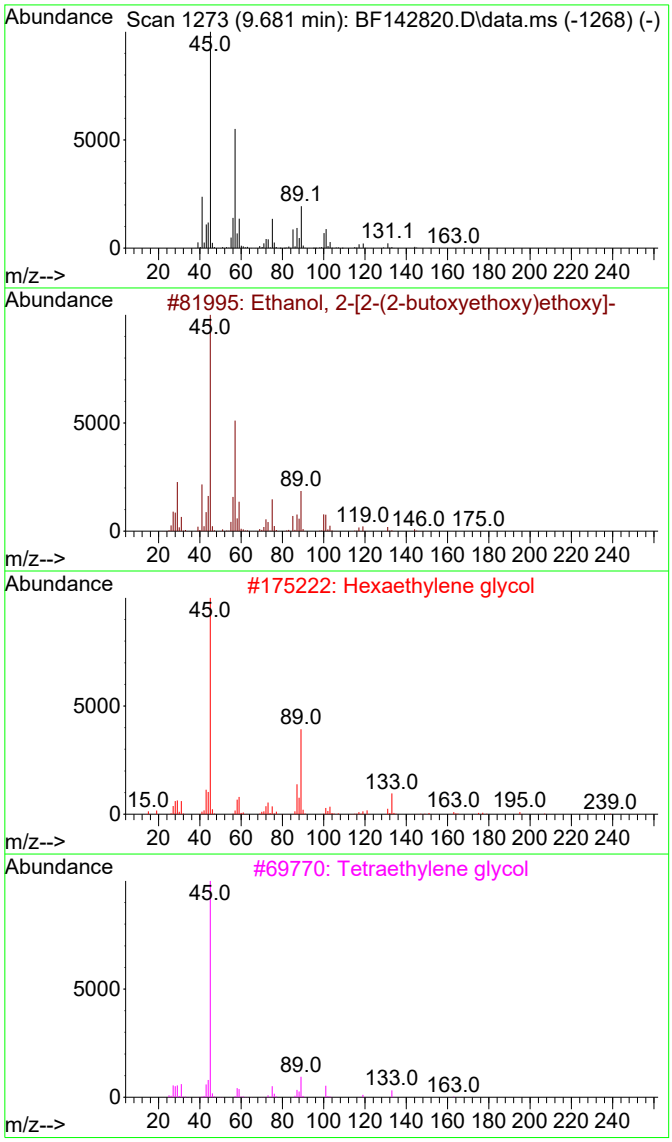
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

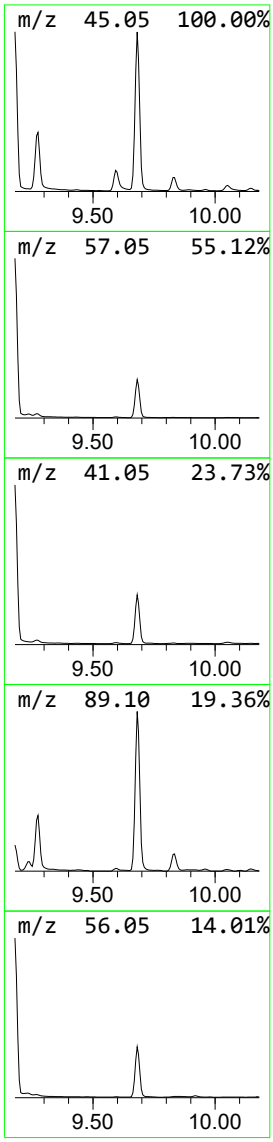
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	45.52 ng	1022720	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 2-[2-(ethenyloxy)ethoxy]-	132	C6H12O3	000929-37-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

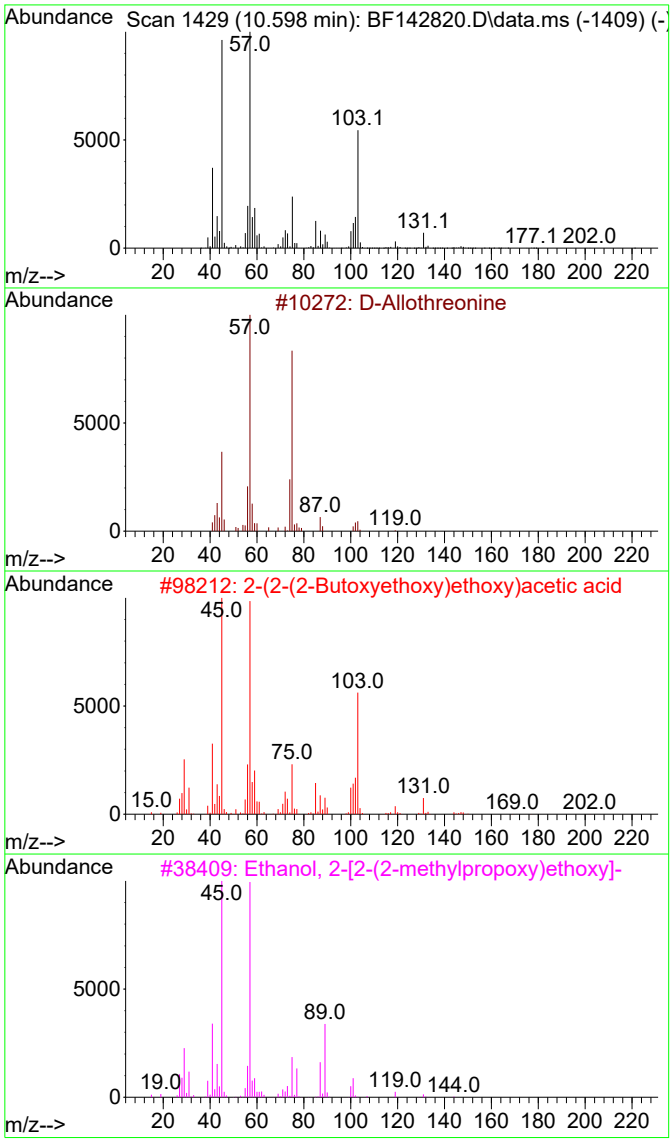
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

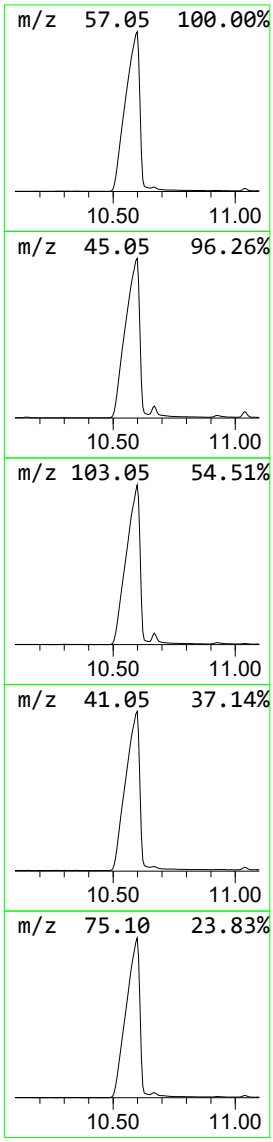
****

Peak Number 5 D-Allothreonine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	755.02 ng	16964200	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Allothreonine	119	C4H9NO3	024830-94-2	64
2	2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	58
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

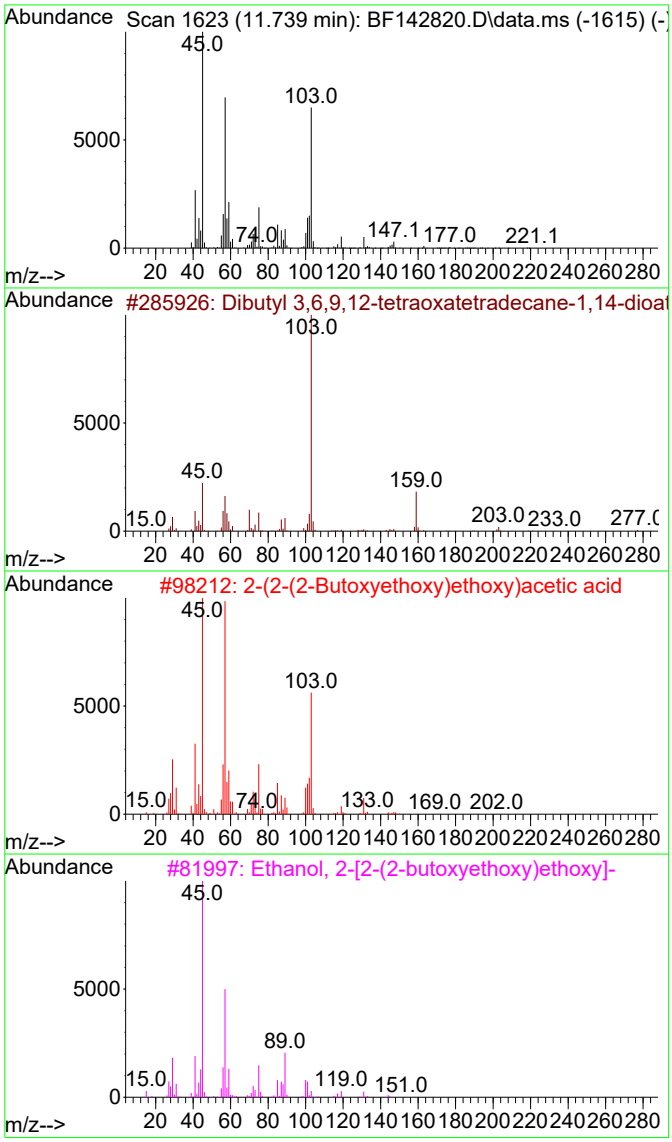
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

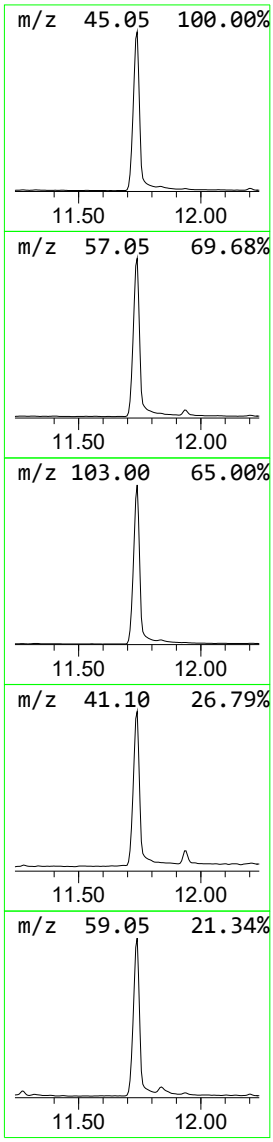
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibutyl 3,6,9,12-tetraoxate... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	134.03 ng	3006320	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl 3,6,9,12-tetraoxatetrade...	378	C18H34O8	1010366-80-2	59
2	2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	47
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	43
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Ethanol, 2-butoxy-	5.828	18.9	ng	371523	1	6.881	392587	20.0
Ethanol, 2-(2-b...	8.069	15.4	ng	361822	2	8.163	470338	20.0
2-(2-Butoxyetho...	9.181	189.1	ng	4249160	3	9.922	449373	20.0
Ethanol, 2-[2-(...	9.681	45.5	ng	1022720	3	9.922	449373	20.0
D-Allothreonine	10.598	755.0	ng	16964200	3	9.922	449373	20.0
Dibutyl 3,6,9,1...	11.739	134.0	ng	3006320	4	11.410	448603	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

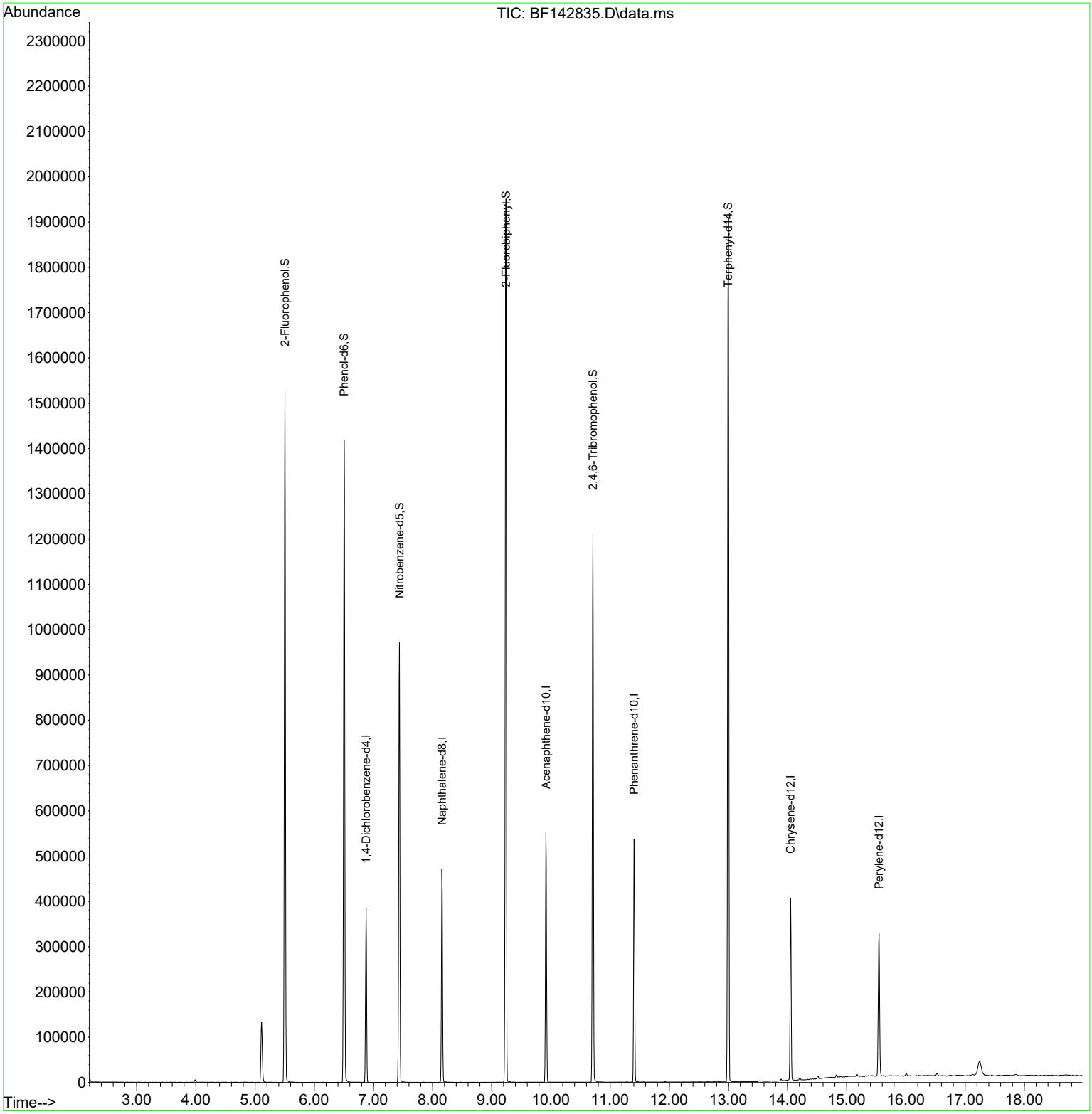
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315982	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	166060	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	291883	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193847	20.000	ng	0.00
86) Perylene-d12	15.545	264	187448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594586	119.200	ng	0.01
7) Phenol-d6	6.504	99	692334	117.643	ng	0.00
23) Nitrobenzene-d5	7.439	82	436257	75.729	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215307	125.994	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	947291	74.939	ng	0.00
79) Terphenyl-d14	12.998	244	957603	68.256	ng	0.00
Target Compounds						Qvalue

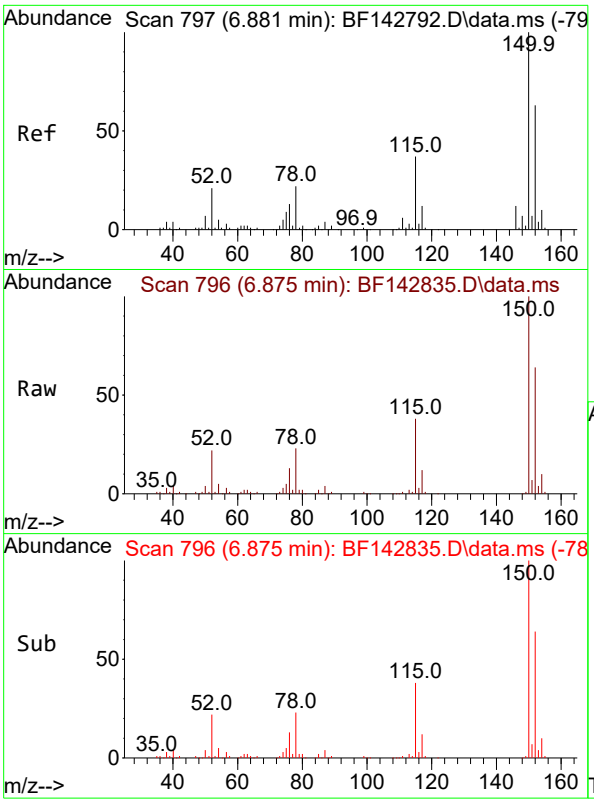
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



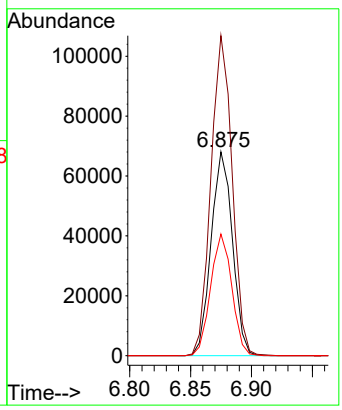


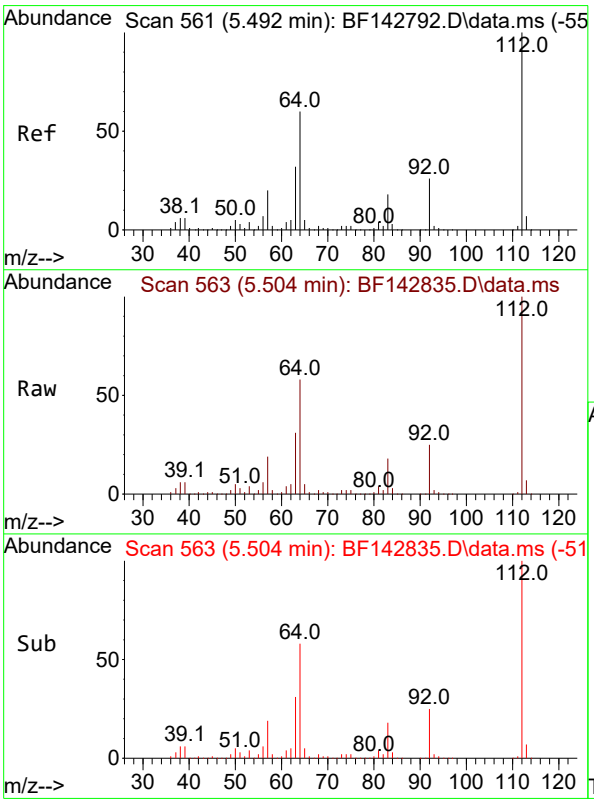
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:152 Resp: 83049

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	59.6	46.6	69.8

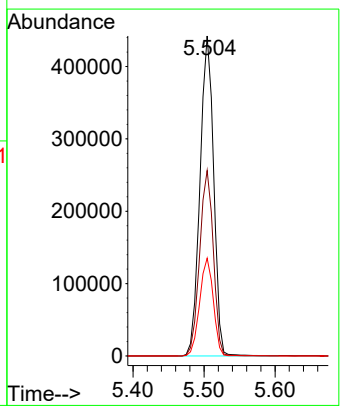


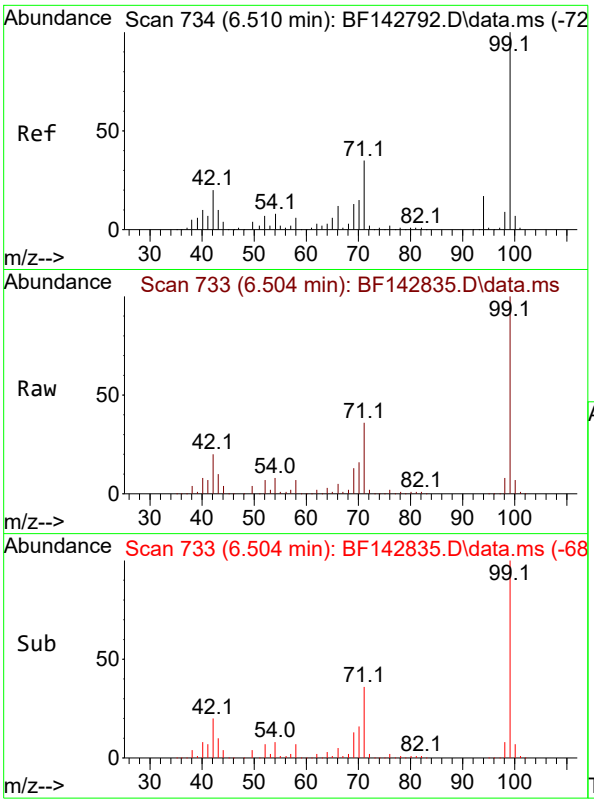


#5
2-Fluorophenol
Concen: 119.200 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:112 Resp: 594586

Ion	Ratio	Lower	Upper
112	100		
64	57.9	48.2	72.2
63	30.5	25.7	38.5



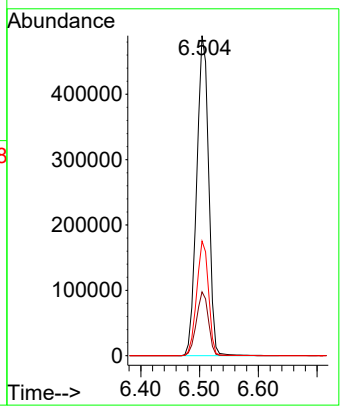


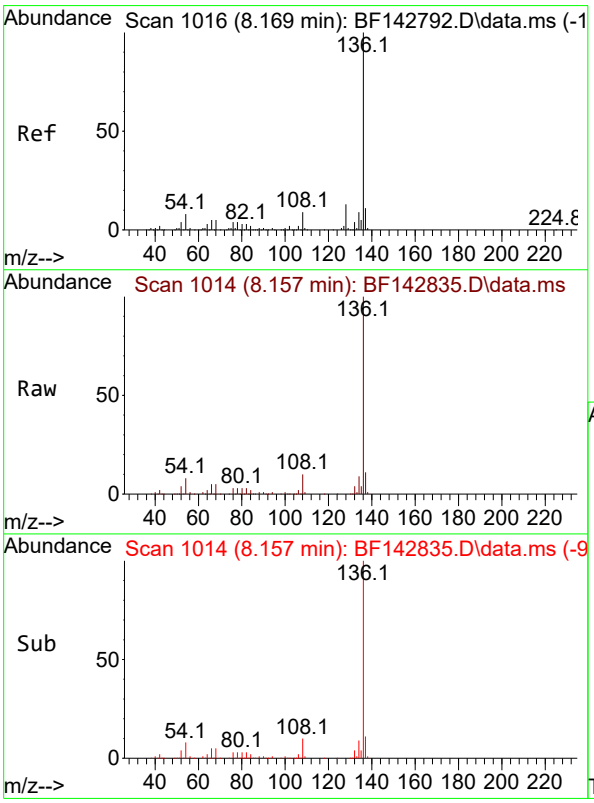
#7
Phenol-d6
Concen: 117.643 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion: 99 Resp: 692334

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.8	27.8	41.8

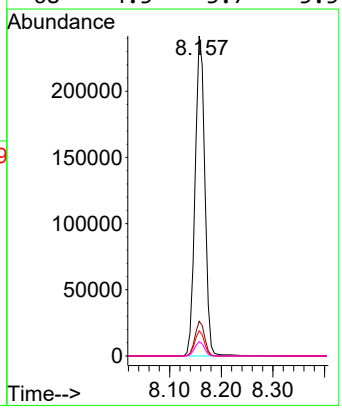


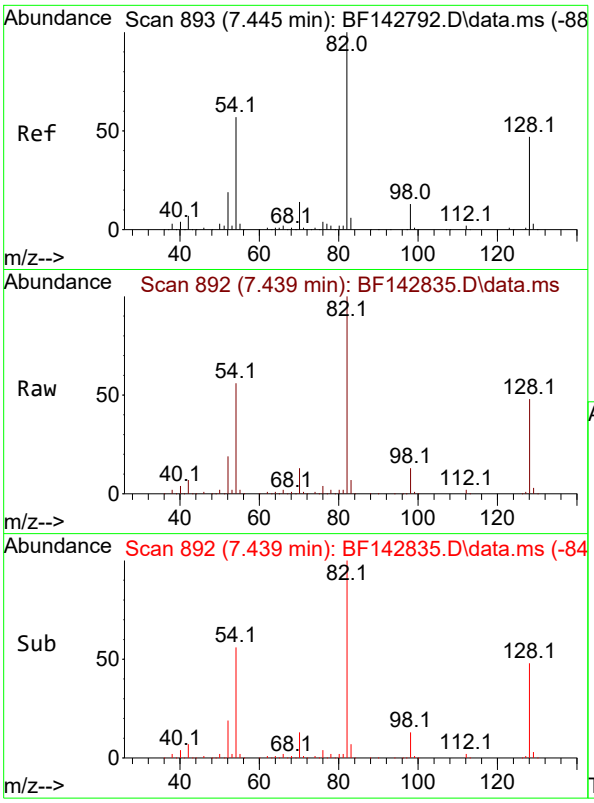


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:136 Resp: 315982

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.9	6.3	9.5
68	4.5	3.7	5.5



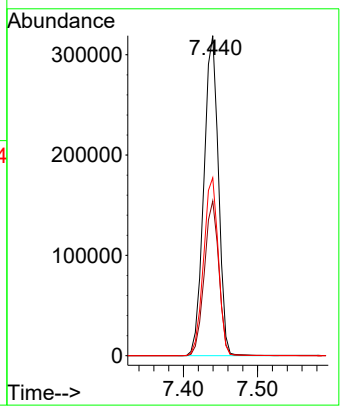


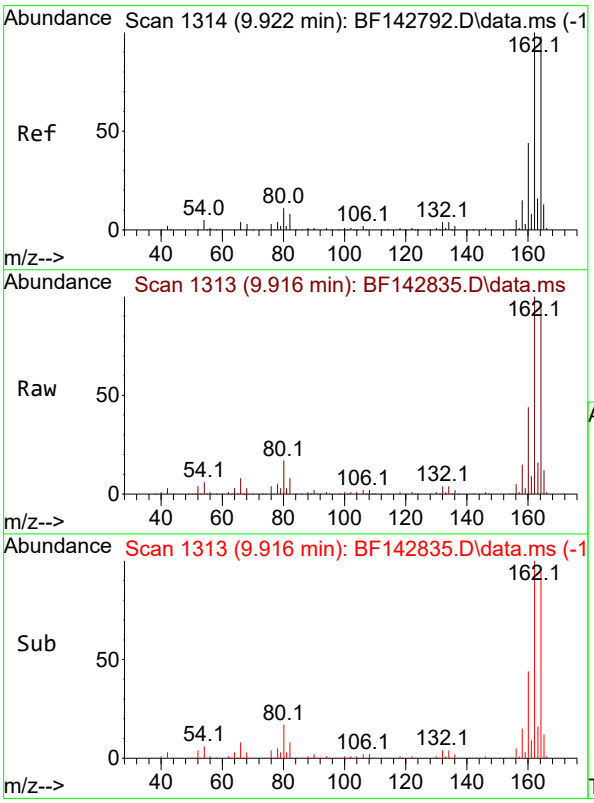
#23
Nitrobenzene-d5
Concen: 75.729 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion: 82 Resp: 436257

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.6	45.7	68.5

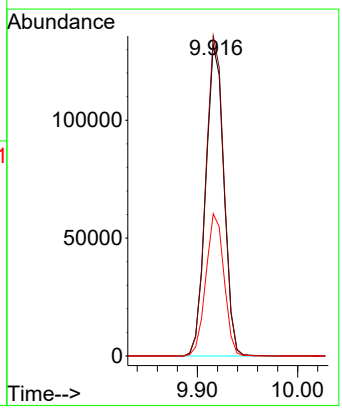


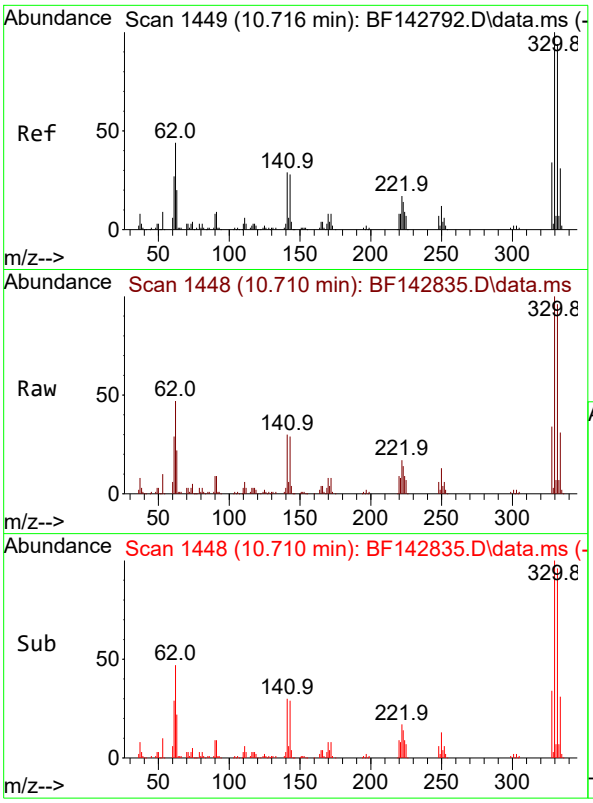


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:164 Resp: 166060

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.7	36.0	54.0



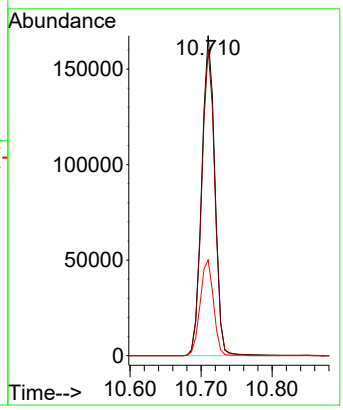


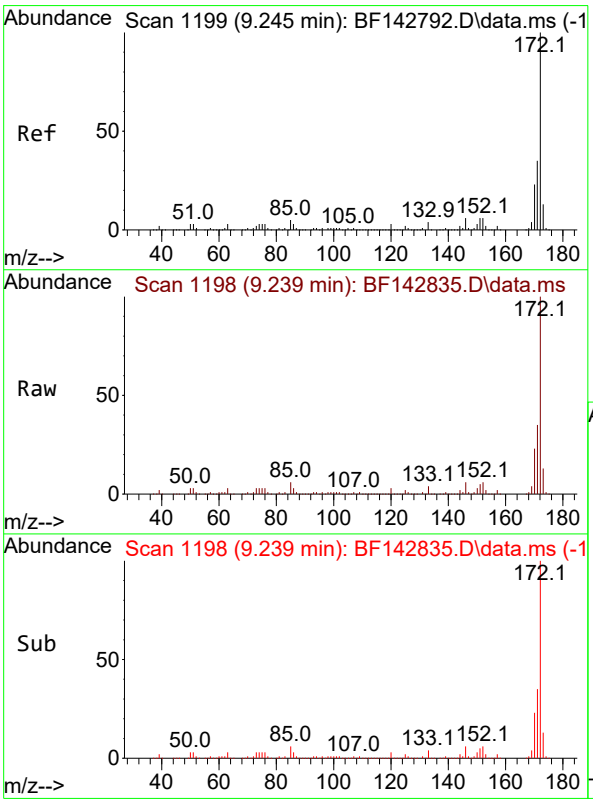
#42
2,4,6-Tribromophenol
Concen: 125.994 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:330 Resp: 215307

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.0	112.6
141	30.5	25.3	37.9

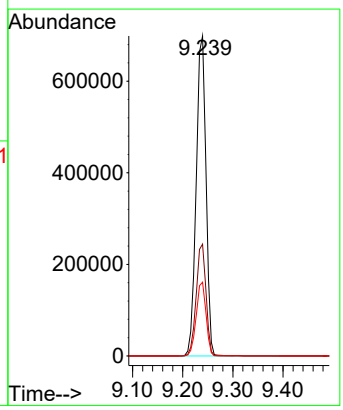


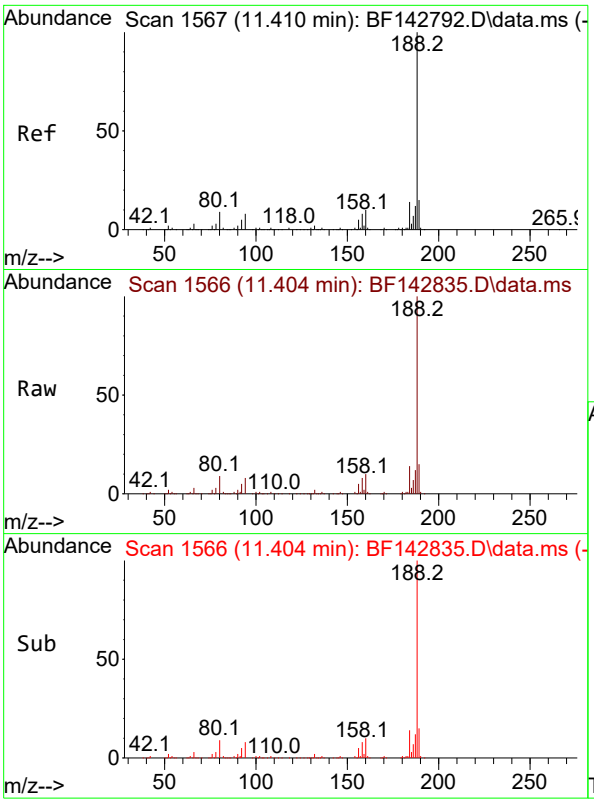


#45
2-Fluorobiphenyl
Concen: 74.939 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:172 Resp: 947291

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.0	18.5	27.7



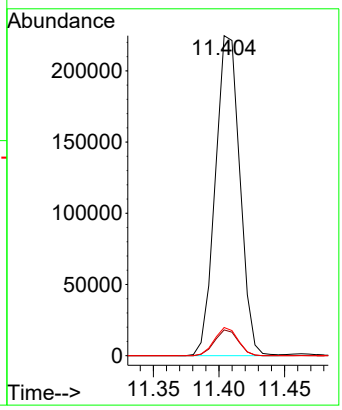


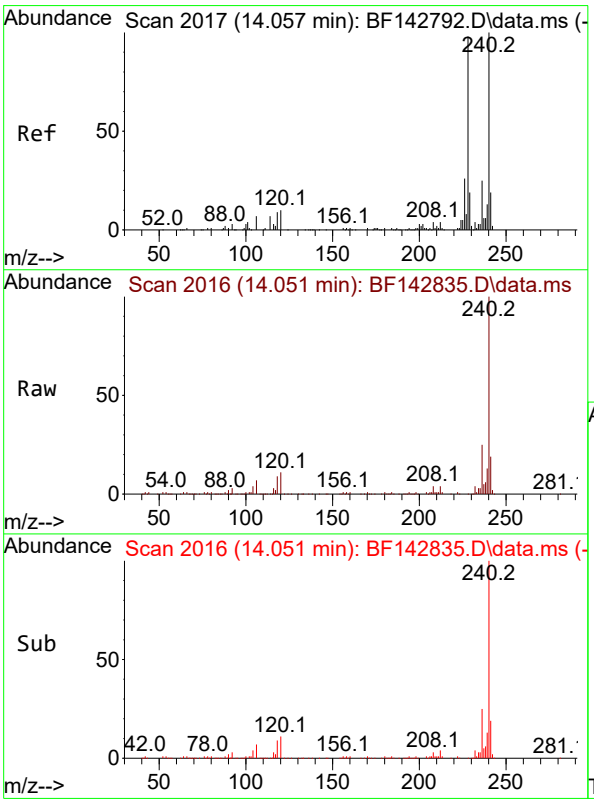
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:188 Resp: 291883

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.8	6.9	10.3

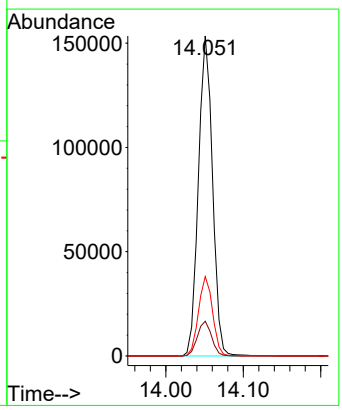


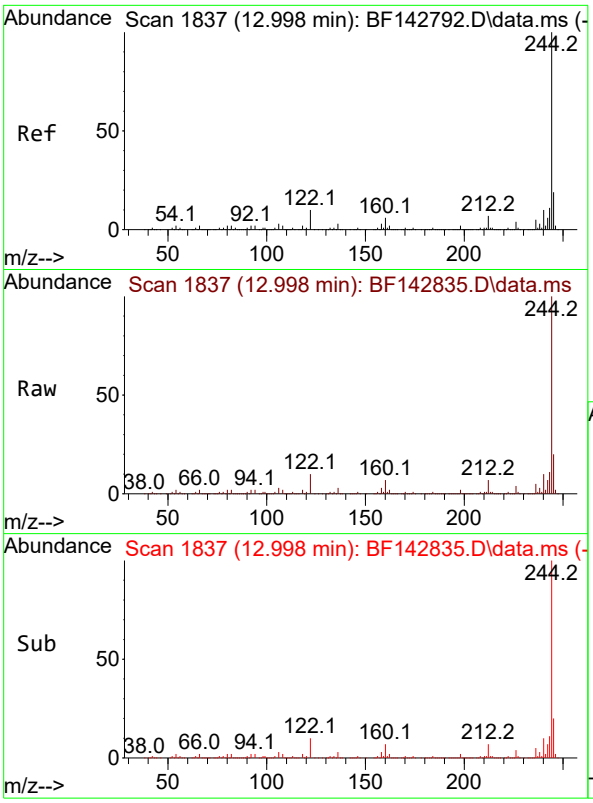


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:240 Resp: 193847

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	24.8	19.8	29.8



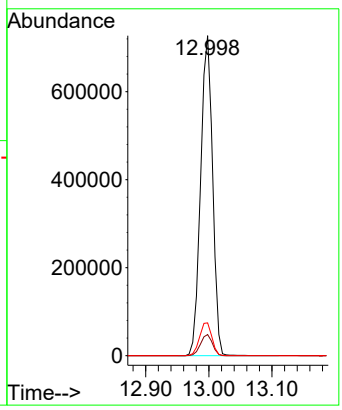


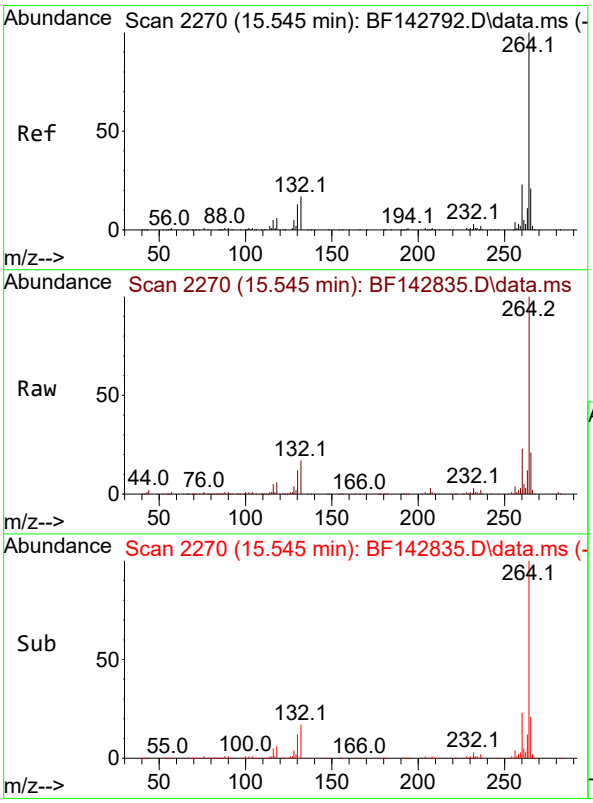
#79
Terphenyl-d14
Concen: 68.256 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:244 Resp: 957603

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.3	8.2	12.2

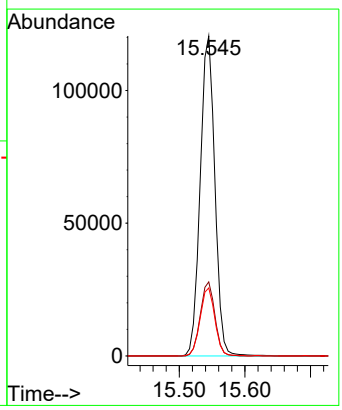




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:264 Resp: 187448

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.3	16.6	25.0



Sample Results: **BF142835.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142835.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	507	rBV	132609	212680	8.04%	1.340%
2	5.504	557	563	568	rBV	1528011	2043454	77.24%	12.879%
3	6.504	727	733	754	rBV	1417179	2001542	75.65%	12.615%
4	6.875	791	796	801	rBV	385682	465032	17.58%	2.931%
5	7.440	885	892	897	rBV	970890	1322292	49.98%	8.334%
6	8.157	1009	1014	1020	rBV	470325	603521	22.81%	3.804%
7	9.239	1191	1198	1203	rBV	1950618	2645671	100.00%	16.675%
8	9.916	1308	1313	1318	rBV	550305	686251	25.94%	4.325%
9	10.710	1442	1448	1453	rBV	1209777	1564614	59.14%	9.861%
10	11.404	1561	1566	1573	rBV	536884	691671	26.14%	4.359%
11	12.998	1831	1837	1842	rBV	1908833	2511985	94.95%	15.832%
12	14.051	2011	2016	2030	rVB	403065	505869	19.12%	3.188%
13	15.545	2263	2270	2280	rBV	314037	489069	18.49%	3.082%
14	17.245	2550	2559	2573	rVB3	30295	122447	4.63%	0.772%

Sum of corrected areas: 15866098

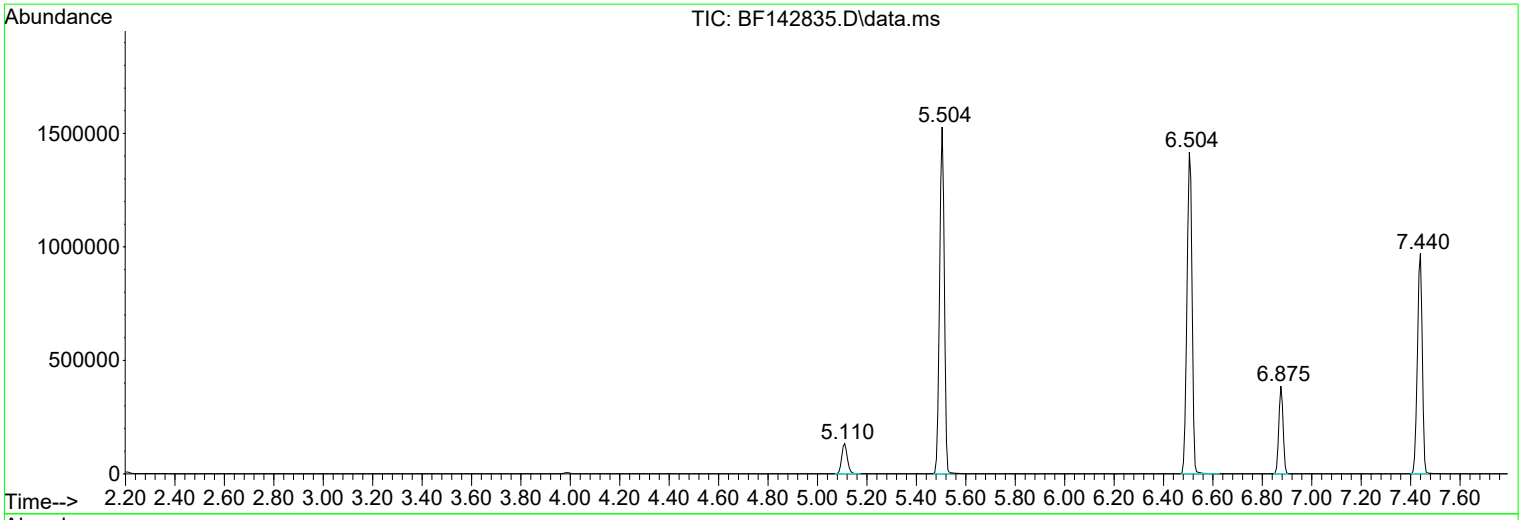
Sample Results: **BF142835.D**

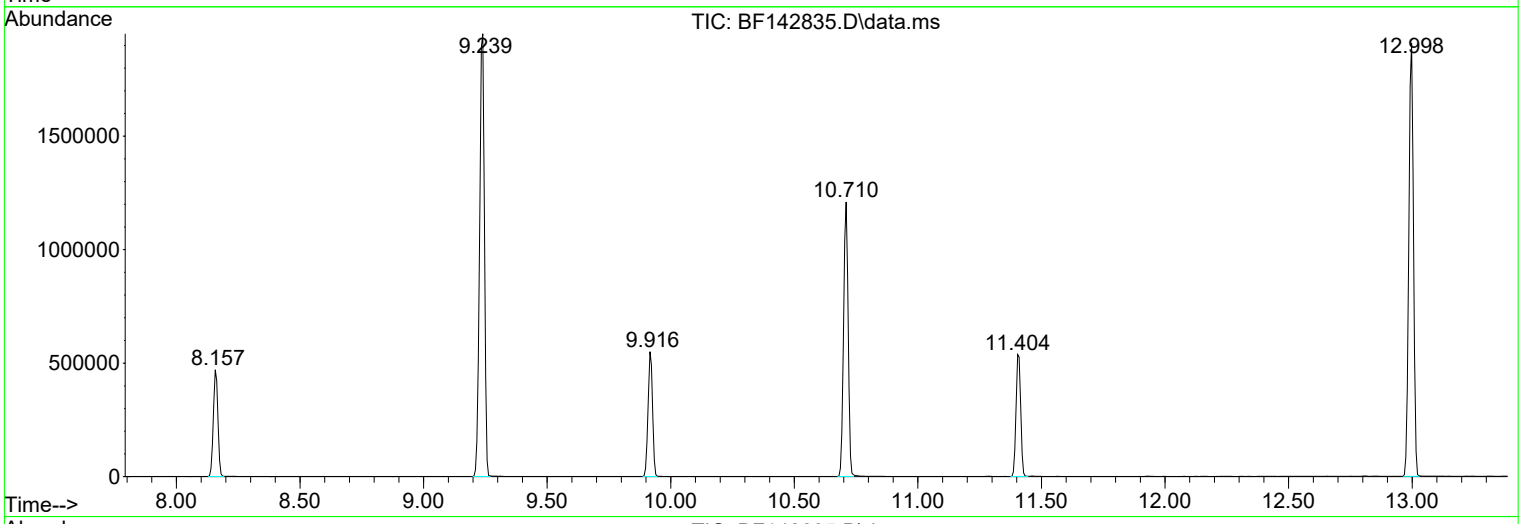
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

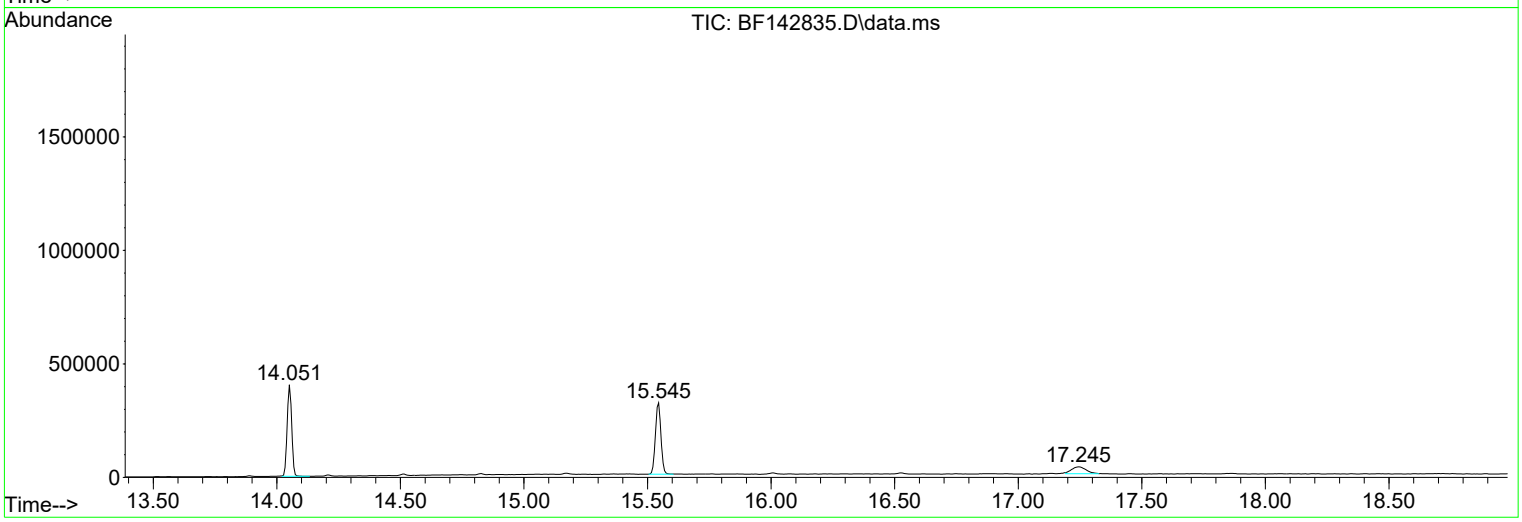
Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

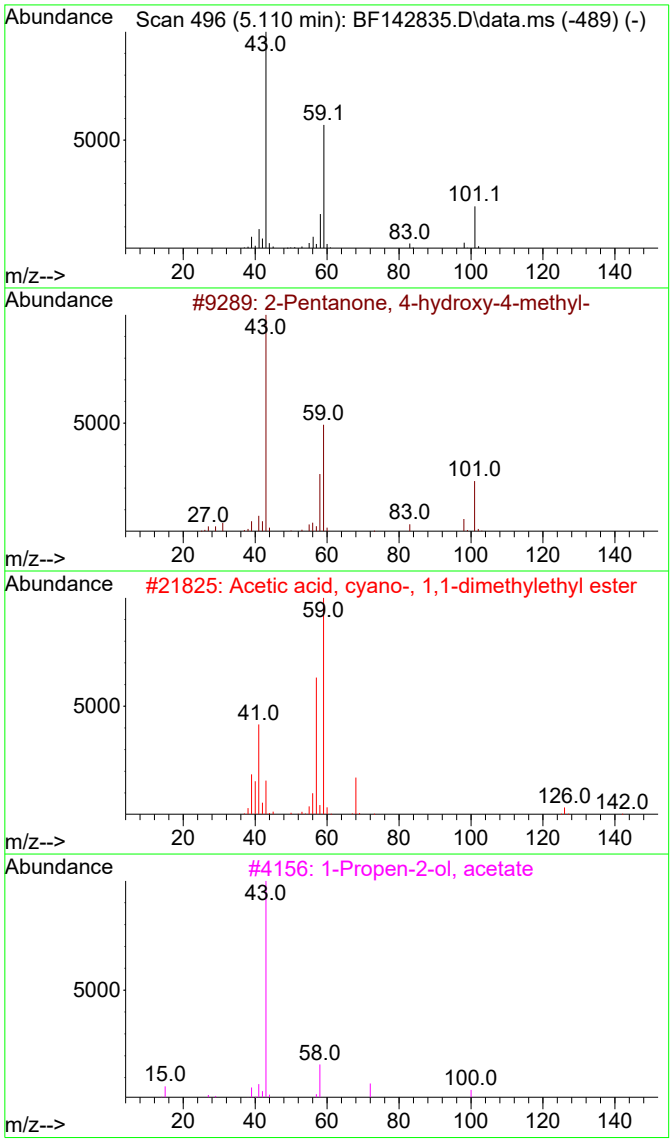
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

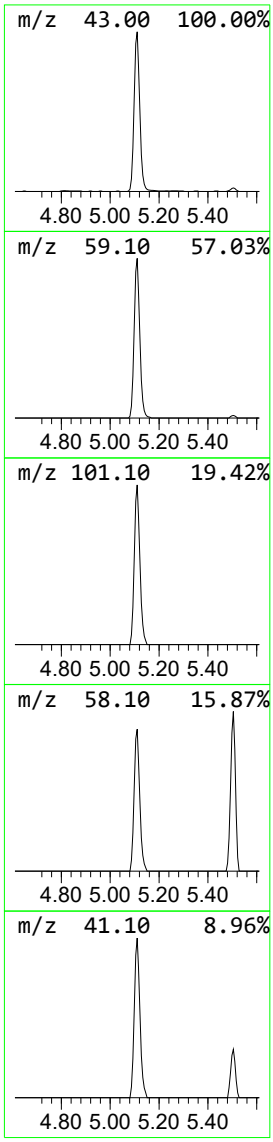
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.15 ng	212680	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

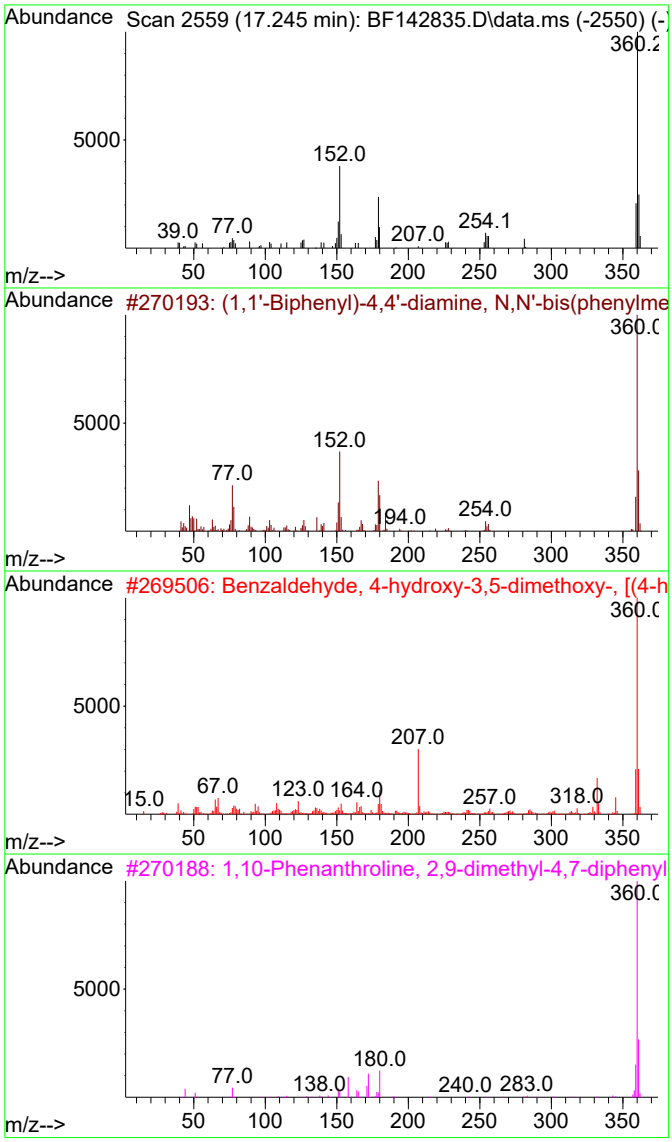
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

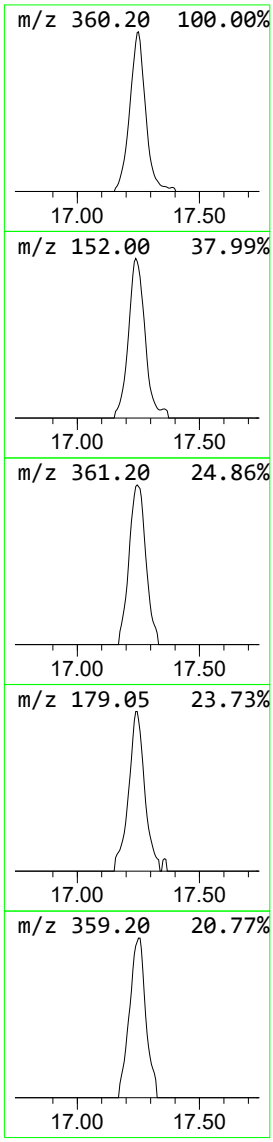
****

Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	5.01 ng	122447	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	58
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	53
4	4-Amino-3-[3-(trifluoromethyl)ph...	360	C14H15F3N2O2SSi	1010500-98-0	52
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
2-Pentanone, 4-...	5.110	9.2	ng	212680	1	6.875	465032	20.0
(1,1'-Biphenyl)...	17.245	5.0	ng	122447	6	15.545	489069	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	81651	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	296393	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	150433	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	242210	20.000	ng		0.00
76) Chrysene-d12	14.057	240	173489	20.000	ng		0.00
86) Perylene-d12	15.545	264	196328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	556114	113.396	ng		0.01
7) Phenol-d6	6.510	99	642235	110.998	ng		0.00
23) Nitrobenzene-d5	7.439	82	401632	74.326	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	188759	121.933	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	865774	75.605	ng		0.00
79) Terphenyl-d14	12.998	244	787323	62.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	68772	35.060	ng		99
3) Pyridine	3.481	79	187879	38.206	ng		98
4) n-Nitrosodimethylamine	3.428	42	106183	41.756	ng		99
6) Aniline	6.540	93	226530	29.424	ng	#	90
8) 2-Chlorophenol	6.663	128	221594	41.887	ng		99
9) Benzaldehyde	6.428	77	131188	38.217	ng		99
10) Phenol	6.528	94	259021	40.274	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	198585	43.201	ng		99
12) 1,3-Dichlorobenzene	6.816	146	249638	42.194	ng		98
13) 1,4-Dichlorobenzene	6.892	146	249146	41.738	ng		99
14) 1,2-Dichlorobenzene	7.045	146	241318	42.622	ng		99
15) Benzyl Alcohol	7.022	79	173328	41.438	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	304508	41.232	ng		96
17) 2-Methylphenol	7.134	107	165646	41.318	ng		98
18) Hexachloroethane	7.386	117	89305	42.773	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	139808	41.546	ng		100
20) 3+4-Methylphenols	7.287	107	207652	41.543	ng		94
22) Acetophenone	7.287	105	290803	44.492	ng		99
24) Nitrobenzene	7.463	77	215096	43.980	ng		97
25) Isophorone	7.698	82	380021	43.841	ng		100
26) 2-Nitrophenol	7.775	139	120125	45.088	ng		99
27) 2,4-Dimethylphenol	7.816	122	197200	42.731	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	240634	43.665	ng		99
29) 2,4-Dichlorophenol	8.022	162	180538	43.145	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	201493	43.791	ng		99
31) Naphthalene	8.181	128	632908	43.625	ng		100
32) Benzoic acid	7.928	122	109212	46.431	ng		95
33) 4-Chloroaniline	8.233	127	137919	23.379	ng		98
34) Hexachlorobutadiene	8.298	225	125139	44.463	ng		100
35) Caprolactam	8.598	113	52489m	47.537	ng		
36) 4-Chloro-3-methylphenol	8.716	107	177044	42.573	ng		100
37) 2-Methylnaphthalene	8.875	142	388612	43.206	ng		100
38) 1-Methylnaphthalene	8.975	142	405799	43.583	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	197534	44.502	ng		99
41) Hexachlorocyclopentadiene	9.028	237	236501	93.890	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	125833	43.504	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

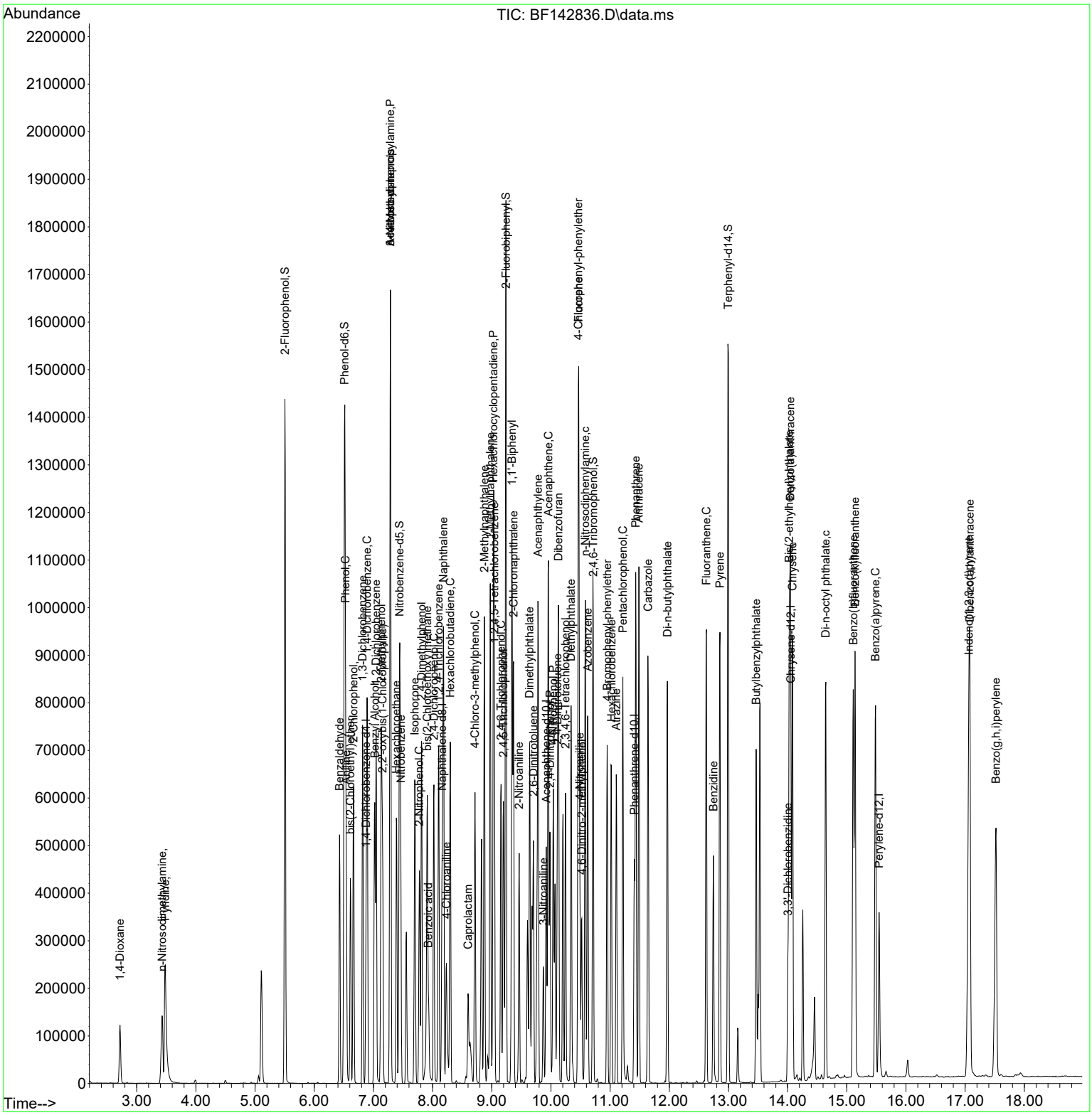
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131160	43.077	ng	99
46) 1,1'-Biphenyl	9.339	154	526601	44.314	ng	100
47) 2-Chloronaphthalene	9.369	162	391214	43.870	ng	99
48) 2-Nitroaniline	9.463	65	107279	42.910	ng	95
49) Acenaphthylene	9.780	152	641037	43.666	ng	100
50) Dimethylphthalate	9.639	163	432670	44.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	94530	44.205	ng	99
52) Acenaphthene	9.957	154	432857	48.327	ng	99
53) 3-Nitroaniline	9.875	138	58192	24.716	ng	94
54) 2,4-Dinitrophenol	9.986	184	111563	104.189	ng	92
55) Dibenzofuran	10.128	168	553767	43.115	ng	99
56) 4-Nitrophenol	10.039	139	148233	91.963	ng	99
57) 2,4-Dinitrotoluene	10.110	165	130569	45.967	ng	98
58) Fluorene	10.469	166	431494	43.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109923	44.788	ng	95
60) Diethylphthalate	10.339	149	434869	45.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	208164	43.489	ng	98
62) 4-Nitroaniline	10.486	138	95217	44.219	ng	99
63) Azobenzene	10.622	77	368801	43.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	70935	48.418	ng	99
66) n-Nitrosodiphenylamine	10.580	169	371386	44.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	125614	45.569	ng	97
68) Hexachlorobenzene	11.022	284	135788	44.331	ng	98
69) Atrazine	11.104	200	111873	51.609	ng	99
70) Pentachlorophenol	11.216	266	143315	93.897	ng	99
71) Phenanthrene	11.433	178	582659	44.408	ng	100
72) Anthracene	11.486	178	599633	44.562	ng	100
73) Carbazole	11.639	167	528549	45.517	ng	100
74) Di-n-butylphthalate	11.969	149	622098	51.426	ng	100
75) Fluoranthene	12.627	202	584298	46.924	ng	99
77) Benzidine	12.745	184	263635	40.446	ng	99
78) Pyrene	12.857	202	580194	35.678	ng	100
80) Butylbenzylphthalate	13.468	149	236584	50.154	ng	98
81) Benzo(a)anthracene	14.045	228	510276	43.600	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	73088	19.253	ng	99
83) Chrysene	14.080	228	476475	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	346643	51.075	ng	99
85) Di-n-octyl phthalate	14.645	149	600884	46.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	609525	40.760	ng	99
88) Benzo(b)fluoranthene	15.110	252	513076	45.164	ng	100
89) Benzo(k)fluoranthene	15.139	252	519326	48.862	ng	100
90) Benzo(a)pyrene	15.486	252	502904	45.823	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	495314	40.765	ng	99
92) Benzo(g,h,i)perylene	17.521	276	494097	40.780	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	83905	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	314873	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	163617	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	262901	20.000	ng		0.00
76) Chrysene-d12	14.057	240	161274	20.000	ng		0.00
86) Perylene-d12	15.545	264	186310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	576444	114.384	ng		0.01
7) Phenol-d6	6.510	99	679158	114.227	ng		0.00
23) Nitrobenzene-d5	7.439	82	422392	73.581	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	200044	118.810	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	913001	73.304	ng		0.00
79) Terphenyl-d14	12.998	244	819614	70.220	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	71512	35.478	ng		100
3) Pyridine	3.481	79	190043	37.608	ng		99
4) n-Nitrosodimethylamine	3.434	42	109363	41.851	ng		98
6) Aniline	6.539	93	236875	29.941	ng	#	88
8) 2-Chlorophenol	6.663	128	231442	42.574	ng		98
9) Benzaldehyde	6.428	77	136379	38.662	ng		99
10) Phenol	6.528	94	271397	41.064	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	204284	43.247	ng		99
12) 1,3-Dichlorobenzene	6.816	146	254453	41.852	ng		99
13) 1,4-Dichlorobenzene	6.892	146	259276	42.268	ng		99
14) 1,2-Dichlorobenzene	7.045	146	248525	42.716	ng		99
15) Benzyl Alcohol	7.022	79	184691	42.968	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313301	41.283	ng		96
17) 2-Methylphenol	7.134	107	175342	42.562	ng		98
18) Hexachloroethane	7.386	117	90464	42.164	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	148995	43.087	ng		97
20) 3+4-Methylphenols	7.286	107	215831	42.019	ng		95
22) Acetophenone	7.286	105	299487	43.132	ng		98
24) Nitrobenzene	7.463	77	220303	42.401	ng		97
25) Isophorone	7.698	82	400821	43.526	ng		100
26) 2-Nitrophenol	7.775	139	127170	44.931	ng		99
27) 2,4-Dimethylphenol	7.816	122	207492	42.323	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	253828	43.356	ng		99
29) 2,4-Dichlorophenol	8.022	162	193429	43.513	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	209755	42.911	ng		99
31) Naphthalene	8.186	128	660099	42.829	ng		100
32) Benzoic acid	7.933	122	119403	47.784	ng		96
33) 4-Chloroaniline	8.233	127	113762	18.153	ng		98
34) Hexachlorobutadiene	8.298	225	130012	43.483	ng		99
35) Caprolactam	8.604	113	55659m	47.449	ng		
36) 4-Chloro-3-methylphenol	8.716	107	189948	42.995	ng		99
37) 2-Methylnaphthalene	8.875	142	410789	42.991	ng		100
38) 1-Methylnaphthalene	8.975	142	427339	43.203	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	210803	43.664	ng		99
41) Hexachlorocyclopentadiene	9.028	237	253259	92.441	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	133329	42.382	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

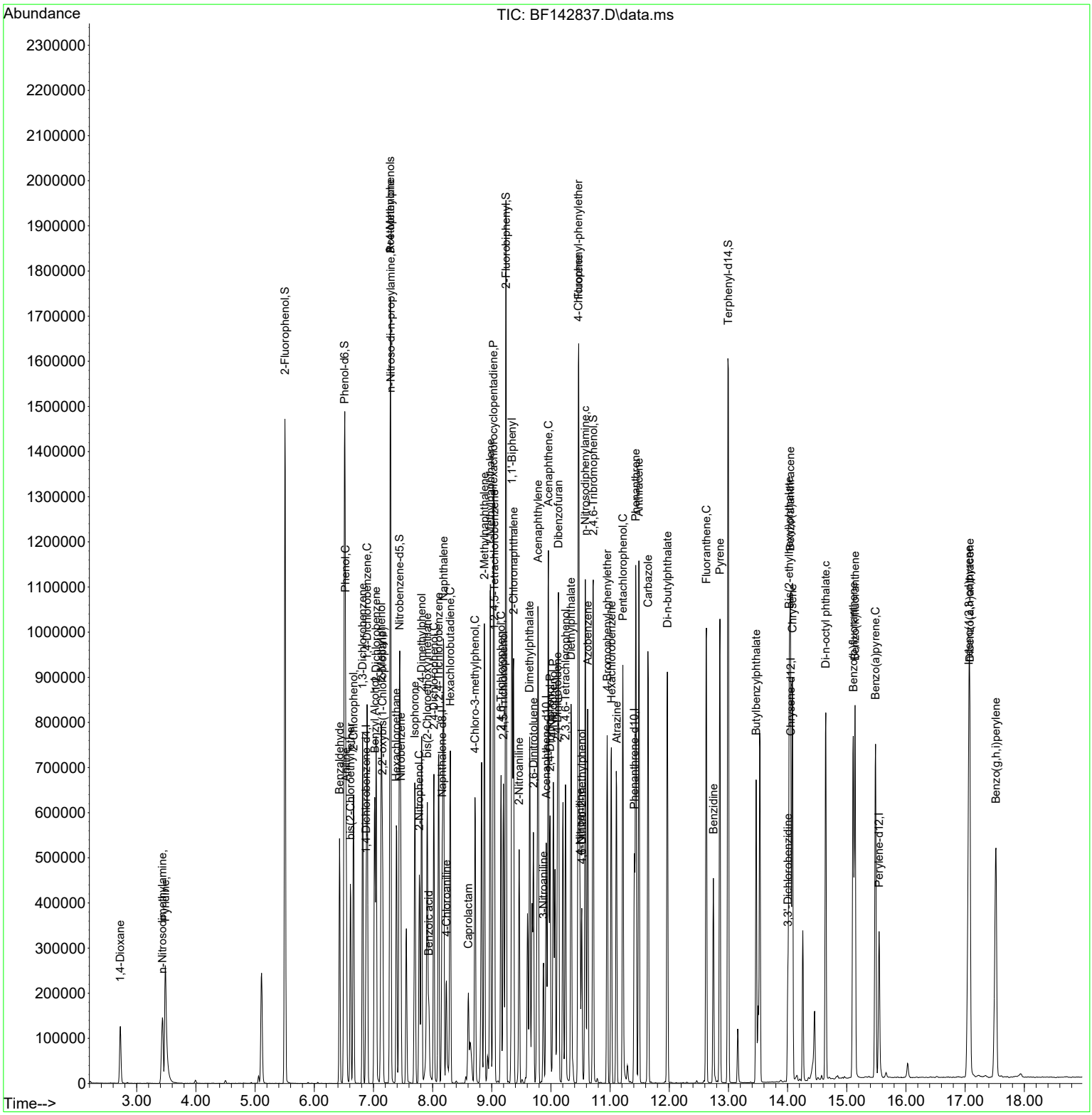
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	143578	43.356	ng	99
46) 1,1'-Biphenyl	9.339	154	560823	43.391	ng	100
47) 2-Chloronaphthalene	9.369	162	411944	42.472	ng	100
48) 2-Nitroaniline	9.463	65	117627	43.258	ng	96
49) Acenaphthylene	9.780	152	679599	42.563	ng	100
50) Dimethylphthalate	9.639	163	469688	44.348	ng	99
51) 2,6-Dinitrotoluene	9.704	165	103346	44.433	ng	99
52) Acenaphthene	9.957	154	458819	47.098	ng	100
53) 3-Nitroaniline	9.875	138	62001	24.211	ng	98
54) 2,4-Dinitrophenol	9.986	184	124838	107.193	ng	97
55) Dibenzofuran	10.127	168	593301	42.471	ng	100
56) 4-Nitrophenol	10.039	139	160652	91.637	ng	99
57) 2,4-Dinitrotoluene	10.110	165	139310	45.092	ng	98
58) Fluorene	10.469	166	464422	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112475	42.135	ng	98
60) Diethylphthalate	10.339	149	467604	45.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	220965	42.444	ng	99
62) 4-Nitroaniline	10.492	138	102121	43.603	ng	97
63) Azobenzene	10.622	77	398817	42.971	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76429	48.062	ng	97
66) n-Nitrosodiphenylamine	10.580	169	404954	44.444	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135948	45.436	ng	96
68) Hexachlorobenzene	11.022	284	147569	44.386	ng	98
69) Atrazine	11.110	200	120913	51.389	ng	99
70) Pentachlorophenol	11.216	266	156013	94.172	ng	98
71) Phenanthrene	11.433	178	630354	44.262	ng	99
72) Anthracene	11.486	178	645095	44.167	ng	99
73) Carbazole	11.639	167	565561	44.871	ng	100
74) Di-n-butylphthalate	11.969	149	664599	50.615	ng	100
75) Fluoranthene	12.627	202	619349	45.824	ng	99
77) Benzidine	12.745	184	246655	40.707	ng	100
78) Pyrene	12.857	202	609983	40.351	ng	100
80) Butylbenzylphthalate	13.468	149	225717	51.475	ng	98
81) Benzo(a)anthracene	14.045	228	487545	44.813	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	69101	19.582	ng	99
83) Chrysene	14.080	228	445178	45.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	324650	51.458	ng	100
85) Di-n-octyl phthalate	14.645	149	577036	48.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	597719	42.119	ng	99
88) Benzo(b)fluoranthene	15.109	252	490465	45.495	ng	99
89) Benzo(k)fluoranthene	15.139	252	472041	46.801	ng	99
90) Benzo(a)pyrene	15.486	252	476585	45.760	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	488845	42.396	ng	99
92) Benzo(g,h,i)perylene	17.521	276	490223	42.636	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BF061925	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:	bf062425	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:	BF062525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142834.D	2,4-Dimethylphenol	Rahul	6/26/2025 9:13:56 AM	Jagrut	6/26/2025 10:47:47 AM	Peak Integrated by Software
PB168592BS	BF142836.D	Caprolactam	Rahul	6/26/2025 9:14:00 AM	Jagrut	6/26/2025 10:47:49 AM	Peak Integrated by Software
PB168592BSD	BF142837.D	Caprolactam	Rahul	6/26/2025 9:14:03 AM	Jagrut	6/26/2025 10:47:51 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142787.D	19 Jun 2025 16:37	RC/JU	Ok
2	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07	RC/JU	Ok
3	SSTDICC005	BF142789.D	19 Jun 2025 17:38	RC/JU	Ok
4	SSTDICC010	BF142790.D	19 Jun 2025 18:08	RC/JU	Ok
5	SSTDICC020	BF142791.D	19 Jun 2025 18:39	RC/JU	Ok
6	SSTDICC040	BF142792.D	19 Jun 2025 19:09	RC/JU	Ok
7	SSTDICC050	BF142793.D	19 Jun 2025 19:40	RC/JU	Ok
8	SSTDICC060	BF142794.D	19 Jun 2025 20:10	RC/JU	Ok
9	SSTDICC080	BF142795.D	19 Jun 2025 20:40	RC/JU	Ok
10	SSTDICV040	BF142796.D	19 Jun 2025 21:10	RC/JU	Ok
11	PB168536BL	BF142797.D	19 Jun 2025 22:10	RC/JU	Ok
12	PB168536BS	BF142798.D	19 Jun 2025 22:40	RC/JU	Ok,M

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 # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM				
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM				
SubDirectory	BF062425	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142810.D	24 Jun 2025 09:46	RC/JU	Ok
2	SSTDCCC040	BF142811.D	24 Jun 2025 10:16	RC/JU	Ok
3	PB168582BL	BF142812.D	24 Jun 2025 10:46	RC/JU	Ok
4	PB168582BS	BF142813.D	24 Jun 2025 11:17	RC/JU	Ok,M
5	Q2388-01	BF142814.D	24 Jun 2025 11:51	RC/JU	Ok
6	Q2380-01	BF142815.D	24 Jun 2025 12:22	RC/JU	Ok,M
7	Q2380-03	BF142816.D	24 Jun 2025 12:53	RC/JU	Ok,M
8	Q2381-01	BF142817.D	24 Jun 2025 13:24	RC/JU	Ok,M
9	Q2381-05	BF142818.D	24 Jun 2025 13:54	RC/JU	Ok,M
10	Q2385-01	BF142819.D	24 Jun 2025 14:57	RC/JU	Ok
11	Q2372-01	BF142820.D	24 Jun 2025 15:28	RC/JU	Ok
12	Q2386-01	BF142821.D	24 Jun 2025 15:59	RC/JU	Dilution
13	Q2392-01	BF142822.D	24 Jun 2025 16:30	RC/JU	Ok
14	Q2393-11	BF142823.D	24 Jun 2025 17:01	RC/JU	Ok
15	Q2393-05	BF142824.D	24 Jun 2025 17:33	RC/JU	Ok,M
16	Q2393-07	BF142825.D	24 Jun 2025 18:03	RC/JU	Ok,M
17	Q2393-09	BF142826.D	24 Jun 2025 18:34	RC/JU	Ok,M
18	Q2398-06	BF142827.D	24 Jun 2025 19:05	RC/JU	Ok,M
19	Q2398-03	BF142828.D	24 Jun 2025 19:36	RC/JU	Ok,M
20	Q2381-03	BF142829.D	24 Jun 2025 20:07	RC/JU	Ok,M
21	Q2380-05	BF142830.D	24 Jun 2025 20:38	RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM				
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM				
SubDirectory	BF062425	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2384-01	BF142831.D	24 Jun 2025 21:08	RC/JU	Ok,M
23	Q2383-01	BF142832.D	24 Jun 2025 21:38	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 # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM				
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM				
SubDirectory	BF062525	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142833.D	25 Jun 2025 12:17	RC/JU	Ok
2	SSTDCCC040	BF142834.D	25 Jun 2025 13:25	RC/JU	Ok,M
3	PB168592BL	BF142835.D	25 Jun 2025 13:55	RC/JU	Ok
4	PB168592BS	BF142836.D	25 Jun 2025 14:25	RC/JU	Ok,M
5	PB168592BSD	BF142837.D	25 Jun 2025 14:55	RC/JU	Ok,M
6	PB168601BL	BF142838.D	25 Jun 2025 15:26	RC/JU	Ok
7	PB168601BS	BF142839.D	25 Jun 2025 15:57	RC/JU	Ok
8	Q2393-01	BF142840.D	25 Jun 2025 16:32	RC/JU	Ok
9	Q2393-03	BF142841.D	25 Jun 2025 17:02	RC/JU	Ok
10	Q2394-01	BF142842.D	25 Jun 2025 17:33	RC/JU	Ok
11	Q2394-01MS	BF142843.D	25 Jun 2025 18:04	RC/JU	Ok
12	Q2394-01MSD	BF142844.D	25 Jun 2025 18:35	RC/JU	Ok
13	Q2386-02	BF142845.D	25 Jun 2025 19:06	RC/JU	Ok
14	Q2386-02MS	BF142846.D	25 Jun 2025 19:37	RC/JU	Ok
15	Q2386-02MSD	BF142847.D	25 Jun 2025 20:07	RC/JU	Ok
16	Q2388-04	BF142848.D	25 Jun 2025 20:38	RC/JU	Ok
17	Q2389-04	BF142849.D	25 Jun 2025 21:09	RC/JU	Ok
18	Q2399-01	BF142850.D	25 Jun 2025 21:40	RC/JU	Ok
19	Q2399-05	BF142851.D	25 Jun 2025 22:10	RC/JU	Ok
20	Q2386-01DL	BF142852.D	25 Jun 2025 22:41	RC/JU	Dilution
21	Q2386-01DL2	BF142853.D	25 Jun 2025 23:11	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM				
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM				
SubDirectory	BF062525	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2412-01	BF142854.D	25 Jun 2025 23:41	RC/JU	Ok,M
23	Q2403-03	BF142855.D	26 Jun 2025 00:12	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142787.D	19 Jun 2025 16:37		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142789.D	19 Jun 2025 17:38		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF142790.D	19 Jun 2025 18:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142791.D	19 Jun 2025 18:39		RC/JU	Ok
6	SSTDICC040	SSTDICC040	BF142792.D	19 Jun 2025 19:09	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF142793.D	19 Jun 2025 19:40		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF142794.D	19 Jun 2025 20:10		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF142795.D	19 Jun 2025 20:40	Compound #09 removed from 80 PPM.	RC/JU	Ok
10	SSTDICV040	ICVBF061925	BF142796.D	19 Jun 2025 21:10		RC/JU	Ok
11	PB168536BL	PB168536BL	BF142797.D	19 Jun 2025 22:10		RC/JU	Ok
12	PB168536BS	PB168536BS	BF142798.D	19 Jun 2025 22:40		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142810.D	24 Jun 2025 09:46		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142811.D	24 Jun 2025 10:16		RC/JU	Ok
3	PB168582BL	PB168582BL	BF142812.D	24 Jun 2025 10:46		RC/JU	Ok
4	PB168582BS	PB168582BS	BF142813.D	24 Jun 2025 11:17		RC/JU	Ok,M
5	Q2388-01	TP-12	BF142814.D	24 Jun 2025 11:51		RC/JU	Ok
6	Q2380-01	72-11948	BF142815.D	24 Jun 2025 12:22	Internal Standard Fail	RC/JU	Ok,M
7	Q2380-03	VNJ-211	BF142816.D	24 Jun 2025 12:53		RC/JU	Ok,M
8	Q2381-01	291431	BF142817.D	24 Jun 2025 13:24		RC/JU	Ok,M
9	Q2381-05	72-11929	BF142818.D	24 Jun 2025 13:54	Internal Standard Fail	RC/JU	Ok,M
10	Q2385-01	A5311	BF142819.D	24 Jun 2025 14:57		RC/JU	Ok
11	Q2372-01	GAV1W	BF142820.D	24 Jun 2025 15:28		RC/JU	Ok
12	Q2386-01	SU-1-062025	BF142821.D	24 Jun 2025 15:59	Internal Standard Fail, Run 10X Dilution and then decide further dilution	RC/JU	Dilution
13	Q2392-01	S-1	BF142822.D	24 Jun 2025 16:30		RC/JU	Ok
14	Q2393-11	PARK AVE -6	BF142823.D	24 Jun 2025 17:01		RC/JU	Ok
15	Q2393-05	PARK AVE -3	BF142824.D	24 Jun 2025 17:33		RC/JU	Ok,M
16	Q2393-07	PARK AVE -4	BF142825.D	24 Jun 2025 18:03		RC/JU	Ok,M
17	Q2393-09	PARK AVE -5	BF142826.D	24 Jun 2025 18:34		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2398-06	ARS20-0036	BF142827.D	24 Jun 2025 19:05	Internal Standard Fail	RC/JU	Ok,M
19	Q2398-03	M00-25-0179	BF142828.D	24 Jun 2025 19:36	Internal Standard Fail	RC/JU	Ok,M
20	Q2381-03	VNJ-207	BF142829.D	24 Jun 2025 20:07		RC/JU	Ok,M
21	Q2380-05	RBR-200059	BF142830.D	24 Jun 2025 20:38		RC/JU	Ok,M
22	Q2384-01	OK-01-6202025	BF142831.D	24 Jun 2025 21:08		RC/JU	Ok,M
23	Q2383-01	RT-5376	BF142832.D	24 Jun 2025 21:38	Internal Standard Fail	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 # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142833.D	25 Jun 2025 12:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142834.D	25 Jun 2025 13:25		RC/JU	Ok,M
3	PB168592BL	PB168592BL	BF142835.D	25 Jun 2025 13:55		RC/JU	Ok
4	PB168592BS	PB168592BS	BF142836.D	25 Jun 2025 14:25		RC/JU	Ok,M
5	PB168592BSD	PB168592BSD	BF142837.D	25 Jun 2025 14:55		RC/JU	Ok,M
6	PB168601BL	PB168601BL	BF142838.D	25 Jun 2025 15:26		RC/JU	Ok
7	PB168601BS	PB168601BS	BF142839.D	25 Jun 2025 15:57		RC/JU	Ok
8	Q2393-01	PARK AVE -1	BF142840.D	25 Jun 2025 16:32		RC/JU	Ok
9	Q2393-03	PARK AVE -2	BF142841.D	25 Jun 2025 17:02		RC/JU	Ok
10	Q2394-01	MH-K/L	BF142842.D	25 Jun 2025 17:33		RC/JU	Ok
11	Q2394-01MS	MH-K/LMS	BF142843.D	25 Jun 2025 18:04		RC/JU	Ok
12	Q2394-01MSD	MH-K/LMSD	BF142844.D	25 Jun 2025 18:35		RC/JU	Ok
13	Q2386-02	SU-1-062025	BF142845.D	25 Jun 2025 19:06		RC/JU	Ok
14	Q2386-02MS	SU-1-062025MS	BF142846.D	25 Jun 2025 19:37		RC/JU	Ok
15	Q2386-02MSD	SU-1-062025MSD	BF142847.D	25 Jun 2025 20:07		RC/JU	Ok
16	Q2388-04	TP-12	BF142848.D	25 Jun 2025 20:38		RC/JU	Ok
17	Q2389-04	MH-J-I	BF142849.D	25 Jun 2025 21:09		RC/JU	Ok
18	Q2399-01	TP-13	BF142850.D	25 Jun 2025 21:40		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2399-05	EP-7	BF142851.D	25 Jun 2025 22:10		RC/JU	Ok
20	Q2386-01DL	SU-1-062025DL	BF142852.D	25 Jun 2025 22:41	Need Further 5X Dilution	RC/JU	Dilution
21	Q2386-01DL2	SU-1-062025DL2	BF142853.D	25 Jun 2025 23:11		RC/JU	Ok,M
22	Q2412-01	TR-05-062425	BF142854.D	25 Jun 2025 23:41		RC/JU	Ok,M
23	Q2403-03	LAW-25-0093	BF142855.D	26 Jun 2025 00:12	Surrogate Failed.	RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168592

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#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 06/24/2025

Extraction Start Time : 08:39

Extraction End Date : 06/24/2025

Extraction End Time : 13:35

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3943
Baked Na2SO4	N/A	EP2622
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
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-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/24/25	RS (Ext lab)	RC/SVOC
13:40	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168592

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 06/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168592BL	SBLK592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168592BS	SLCS592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168592BSD	SLCSD592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2372-01	GAV1W	SVOCMS Group2	980	6	RUPESH	ritesh	1	D		4
Q2385-01	A5311	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		5

RS 6/24

* **Extracts relinquished on the same date as received.**

168592
8:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2372 **WorkList ID :** 190349 **Department :** Extraction **Date :** 06-24-2025 08:35:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2372-01	GAV1W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D51	06/19/2025	8270E
Q2385-01	A5311	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D51	06/20/2025	8270E

Date/Time 6/24/25 8:35
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 6/24/25 9:10
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q2372	**OrderDate:**	6/19/2025 2:53:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	**GAV1W**	**Water**			**06/19/25**			**06/19/25**
			SVOCMS Group2	8270E		06/24/25	06/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2372

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

Raw Data: **BN037405.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037405.D	1	06/20/25 09:32	06/26/25 22:50	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	UQ	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	98%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.43		30 (54) - 150 (157)	108%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	93%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	85%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.42		30 (54) - 130 (175)	105%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1180	7.56			
1146-65-2	Naphthalene-d8	2750	10.34			
15067-26-2	Acenaphthene-d10	2580	14.213			
1517-22-2	Phenanthrene-d10	8150	16.959			
1719-03-5	Chrysene-d12	9810	21.162			
1520-96-3	Perylene-d12	9790	23.339			

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: **BN037422.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1WRE	SDG No.:	Q2372
Lab Sample ID:	Q2372-01RE	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037422.D	1	06/20/25 09:32	06/27/25 13:10	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	UQ	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	98%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (54) - 150 (157)	105%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.41		30 (54) - 130 (175)	102%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1740	7.561			
1146-65-2	Naphthalene-d8	4150	10.33			
15067-26-2	Acenaphthene-d10	3770	14.213			
1517-22-2	Phenanthrene-d10	10600	16.959			
1719-03-5	Chrysene-d12	13000	21.162			
1520-96-3	Perylene-d12	12900	23.348			

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

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Surrogate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168563BL	PB168563BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.33	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB168563BS	PB168563BS	2-Methylnaphthalene-d10	0.4	0.49	123		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	97		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	98		30 (54)	130 (175)
PB168563BSD	PB168563BSD	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	94		30 (54)	130 (175)
Q2372-01	GAV1W	2-Methylnaphthalene-d10	0.4	0.39	98		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.43	108		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	93		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	85		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.42	105		30 (54)	130 (175)
Q2372-01RE	GAV1WRE	2-Methylnaphthalene-d10	0.4	0.39	98		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	102		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037363.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168563BS	Benzo(a)anthracene	0.4	0.37	ug/L	93				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.52	ug/L	130				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.54	ug/L	135		*		70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.49	ug/L	123				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.46	ug/L	115				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037364.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168563BSD	Benzo(a)anthracene	0.4	0.37	ug/L	93	0			70 (54)	130 (130)	20 (20)
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90	36		*	70 (65)	130 (121)	20 (20)
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98	32		*	70 (72)	130 (119)	20 (20)
	Benzo(a)pyrene	0.4	0.40	ug/L	100	20			70 (68)	130 (120)	20 (20)
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98	16			70 (76)	130 (117)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168563BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BN037361.D Lab Sample ID: PB168563BL

Instrument ID: BNA_N Date Extracted: 06/20/2025

Matrix: (soil/water) Water Date Analyzed: 06/20/2025

Level: (low/med) LOW Time Analyzed: 22:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168563BS	PB168563BS	BN037363.D	06/20/2025
PB168563BSD	PB168563BSD	BN037364.D	06/21/2025
GAV1W	Q2372-01	BN037405.D	06/26/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BN037351.D DFTPP Injection Date: 06/20/2025

Instrument ID: BNA_N DFTPP Injection Time: 15:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	85.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.4 (20) 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	BN037353.D	06/20/2025	16:51
SSTDICC0.2	SSTDICC0.2	BN037354.D	06/20/2025	17:27
SSTDICCC0.4	SSTDICCC0.4	BN037355.D	06/20/2025	18:03
SSTDICC0.8	SSTDICC0.8	BN037356.D	06/20/2025	18:39
SSTDICC1.6	SSTDICC1.6	BN037357.D	06/20/2025	19:15
SSTDICC3.2	SSTDICC3.2	BN037358.D	06/20/2025	19:51
SSTDICC5.0	SSTDICC5.0	BN037359.D	06/20/2025	20:27
PB168563BL	PB168563BL	BN037361.D	06/20/2025	22:16
PB168563BS	PB168563BS	BN037363.D	06/20/2025	23:28
PB168563BSD	PB168563BSD	BN037364.D	06/21/2025	00:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BN037385.D DFTPP Injection Date: 06/26/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 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	4.9
441	Present, but less than mass 443	78.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.1 (18.8) 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	BN037386.D	06/26/2025	10:41
SSTDICC0.2	SSTDICC0.2	BN037387.D	06/26/2025	11:17
SSTDICCC0.4	SSTDICCC0.4	BN037388.D	06/26/2025	11:53
SSTDICC0.8	SSTDICC0.8	BN037389.D	06/26/2025	12:29
SSTDICC1.6	SSTDICC1.6	BN037390.D	06/26/2025	13:05
SSTDICC3.2	SSTDICC3.2	BN037391.D	06/26/2025	13:41
SSTDICC5.0	SSTDICC5.0	BN037392.D	06/26/2025	14:17

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BN037402.D DFTPP Injection Date: 06/26/2025

Instrument ID: BNA_N DFTPP Injection Time: 20:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (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	7.3
365	Greater than 1% of mass 198	6.1
441	Present, but less than mass 443	83.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	13.7 (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
SSTDCCC0.4	SSTDCCC0.4	BN037403.D	06/26/2025	21:38
GAV1W	Q2372-01	BN037405.D	06/26/2025	22:50

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: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BN037416.D DFTPP Injection Date: 06/27/2025

Instrument ID: BNA_N DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 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	5.1
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037417.D	06/27/2025	10:09
GAV1WRE	Q2372-01RE	BN037422.D	06/27/2025	13:10

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/20/2025

Lab File ID: BN037355.D Time Analyzed: 18:03

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	1912	7.568	4157	10.34	2811	14.21
	UPPER LIMIT	3824	8.068	8314	10.84	5622	14.713
	LOWER LIMIT	956	7.068	2078.5	9.84	1405.5	13.713
	EPA SAMPLE NO.						
01	PB168563BL	1968	7.57	4045	10.35	2736	14.22
02	PB168563BS	1960	7.57	4204	10.34	2586	14.21
03	PB168563BSD	1885	7.57	4095	10.34	2623	14.21

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/20/2025

Lab File ID: BN037355.D Time Analyzed: 18:03

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	5776	16.971	4813	21.171	4943	23.354
	UPPER LIMIT	11552	17.471	9626	21.671	9886	23.854
	LOWER LIMIT	2888	16.471	2406.5	20.671	2471.5	22.854
	EPA SAMPLE NO.						
01	PB168563BL	4864	16.98	4288	21.17	3457	23.36
02	PB168563BS	4830	16.97	3875	21.17	2749	23.35
03	PB168563BSD	5035	16.97	4193	21.16	4470	23.35

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/26/2025

Lab File ID: BN037403.D Time Analyzed: 21:38

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	1253	7.56	2741	10.34	1842	14.21
	UPPER LIMIT	2506	8.06	5482	10.84	3684	14.713
	LOWER LIMIT	626.5	7.06	1370.5	9.84	921	13.713
	EPA SAMPLE NO.						
01	GAV1W	1177	7.56	2747	10.34	2584	14.21

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/26/2025

Lab File ID: BN037403.D Time Analyzed: 21:38

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	3978		16.959	3956		21.162	4281		23.342
	UPPER LIMIT	7956		17.459	7912		21.662	8562		23.842
	LOWER LIMIT	1989		16.459	1978		20.662	2140.5		22.842
	EPA SAMPLE NO.									
01	GAV1W	8148	*	16.96	9805	*	21.16	9788	*	23.34

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/27/2025

Lab File ID: BN037417.D Time Analyzed: 10:09

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	1790	7.56	3949	10.34	2792	14.21
	UPPER LIMIT	3580	8.06	7898	10.84	5584	14.713
	LOWER LIMIT	895	7.06	1974.5	9.84	1396	13.713
	EPA SAMPLE NO.						
01	GAV1WRE	1739	7.56	4154	10.33	3770	14.21

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: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/27/2025

Lab File ID: BN037417.D Time Analyzed: 10:09

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	6217	16.959	6164		21.162	6622	23.345
	UPPER LIMIT	12434	17.459	12328		21.662	13244	23.845
	LOWER LIMIT	3108.5	16.459	3082		20.662	3311	22.845
	EPA SAMPLE NO.							
01	GAV1WRE	10583	16.96	13030	*	21.16	12884	23.35

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: **BN037361.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168563BL	SDG No.:	Q2372
Lab Sample ID:	PB168563BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037361.D	1	06/20/25 09:32	06/20/25 22:16	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.33		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1970	7.568			
1146-65-2	Naphthalene-d8	4050	10.351			
15067-26-2	Acenaphthene-d10	2740	14.224			
1517-22-2	Phenanthrene-d10	4860	16.984			
1719-03-5	Chrysene-d12	4290	21.171			
1520-96-3	Perylene-d12	3460	23.357			

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: **BN037363.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168563BS	SDG No.:	Q2372
Lab Sample ID:	PB168563BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037363.D	1	06/20/25 09:32	06/20/25 23:28	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.37		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.52		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.54		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.49		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.46		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.49		30 (20) - 150 (139)	123%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		30 (30) - 130 (155)	97%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (175)	98%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1960	7.568			
1146-65-2	Naphthalene-d8	4200	10.34			
15067-26-2	Acenaphthene-d10	2590	14.213			
1517-22-2	Phenanthrene-d10	4830	16.971			
1719-03-5	Chrysene-d12	3880	21.171			
1520-96-3	Perylene-d12	2750	23.351			

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: **BN037364.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168563BSD	SDG No.:	Q2372
Lab Sample ID:	PB168563BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037364.D	1	06/20/25 09:32	06/21/25 00:04	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.37		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		30 (27) - 130 (154)	97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	99%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	94%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1890	7.568			
1146-65-2	Naphthalene-d8	4100	10.34			
15067-26-2	Acenaphthene-d10	2620	14.213			
1517-22-2	Phenanthrene-d10	5040	16.971			
1719-03-5	Chrysene-d12	4190	21.162			
1520-96-3	Perylene-d12	4470	23.354			

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-BN062125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 23:41:54 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037353.D 0.2 =BN037354.D 0.4 =BN037355.D 0.8 =BN037356.D 1.6 =BN037357.D 3.2 =BN037358.D 5 =BN037359.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		0.506	0.390	0.412	0.417	0.370	0.346	0.407	13.63
3)		n-Nitrosodimet...		0.392	0.394	0.367	0.391	0.354	0.338	0.373	6.37
4)	S	2-Fluorophenol	0.854	0.818	0.751	0.781	0.834	0.786	0.771	0.799	4.65
5)	S	Phenol-d6	0.781	0.766	0.766	0.785	0.891	0.878	0.896	0.823	7.45
6)		bis(2-Chloroet...	0.719	0.546	0.707	0.738	0.826	0.786	0.791	0.730	12.59
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.254	0.292	0.319	0.318	0.363	0.354	0.361	0.323	12.43
9)		Naphthalene	1.056	1.056	1.046	1.014	1.105	1.052	1.063	1.056	2.54
10)		Hexachlorobuta...	0.452	0.434	0.441	0.407	0.424	0.384	0.376	0.417	6.95
11)	SURR	2-Methylnaphth...	0.619	0.638	0.666	0.610	0.666	0.664	0.675	0.648	3.96
12)		2-Methylnaphth...	0.703	0.692	0.711	0.704	0.777	0.778	0.787	0.736	5.73
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.219	0.226	0.230	0.231	0.253	0.238	0.246	0.235	4.96
15)	S	2-Fluorobiphenyl	1.705	1.675	1.777	1.714	1.897	1.752	1.778	1.757	4.15
16)		Acenaphthylene	1.646	1.636	1.597	1.595	1.797	1.717	1.786	1.682	5.06
17)		Acenaphthene	1.108	1.070	1.061	1.051	1.174	1.123	1.160	1.107	4.40
18)		Fluorene	1.499	1.470	1.506	1.490	1.660	1.605	1.660	1.556	5.34
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.070	0.079	0.097	0.110	0.107	0.114	0.096	18.63
21)		4-Bromophenyl-...	0.264	0.267	0.279	0.284	0.305	0.295	0.299	0.285	5.55
22)		Hexachlorobenzene	0.322	0.319	0.314	0.304	0.324	0.296	0.292	0.310	4.11
23)		Atrazine	0.221	0.215	0.218	0.220	0.239	0.239	0.238	0.227	4.74
24)		Pentachlorophenol		0.131	0.137	0.157	0.169	0.161	0.170	0.154	10.69
25)		Phenanthrene	1.108	1.075	1.104	1.139	1.242	1.221	1.222	1.158	5.88
26)		Anthracene	0.993	0.984	0.990	1.054	1.150	1.137	1.171	1.068	7.75
27)	SURR	Fluoranthene-d10	1.097	1.070	1.161	1.166	1.235	1.151	1.158	1.148	4.62
28)		Fluoranthene	1.412	1.343	1.367	1.492	1.605	1.512	1.518	1.464	6.39
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.726	1.690	1.660	1.444	1.572	1.642	1.643	1.625	5.73
31)	S	Terphenyl-d14	0.949	0.911	0.925	0.829	0.909	0.935	0.921	0.912	4.25
32)		Benzo(a)anthra...	1.309	1.168	1.216	1.278	1.431	1.372	1.429	1.315	7.76
33)		Chrysene	1.752	1.706	1.611	1.481	1.586	1.528	1.495	1.594	6.52
34)		Bis(2-ethylhex...		0.606	0.541	0.487	0.520	0.531	0.554	0.540	7.34
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062125.M

36)		Indeno(1,2,3-c...	1.741	1.715	1.695	1.761	1.974	1.819	1.856	1.794	5.42
37)		Benzo(b)fluora...	1.428	1.380	1.444	1.392	1.541	1.532	1.587	1.472	5.50
38)		Benzo(k)fluora...	1.576	1.593	1.569	1.466	1.671	1.617	1.686	1.597	4.59
39)	C	Benzo(a)pyrene	1.320	1.249	1.274	1.247	1.399	1.348	1.395	1.319	4.90
40)		Dibenzo(a,h)an...	1.179	1.185	1.236	1.355	1.561	1.446	1.478	1.348	11.32
41)		Benzo(g,h,i)pe...	1.620	1.554	1.589	1.560	1.720	1.577	1.598	1.603	3.53

(#) = Out of Range

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 26 16:06:33 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037386.D 0.2 =BN037387.D 0.4 =BN037388.D 0.8 =BN037389.D 1.6 =BN037390.D 3.2 =BN037391.D 5 =BN037392.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		0.470	0.369	0.366	0.377	0.363	0.331	0.379	12.38
3)		n-Nitrosodimet...		0.377	0.374	0.366	0.385	0.374	0.371	0.375	1.73
4)	S	2-Fluorophenol	0.771	0.778	0.804	0.697	0.754	0.773	0.818	0.771	5.09
5)	S	Phenol-d6	0.663	0.706	0.812	0.737	0.839	0.886	0.951	0.799	12.86
6)		bis(2-Chloroet...	0.574	0.661	0.718	0.694	0.765	0.775	0.790	0.711	10.74
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.270	0.281	0.311	0.296	0.345	0.353	0.389	0.321	13.45
9)		Naphthalene	1.042	1.001	0.999	0.972	1.048	1.050	1.096	1.030	4.06
10)		Hexachlorobuta...	0.407	0.410	0.413	0.400	0.422	0.404	0.405	0.409	1.74
11)	SURR	2-Methylnaphth...	0.532	0.567	0.576	0.568	0.628	0.656	0.807	0.619	14.98
12)		2-Methylnaphth...	0.635	0.665	0.684	0.662	0.746	0.767	0.803	0.709	8.89
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.194	0.207	0.239	0.225	0.251	0.256	0.271	0.235	11.68
15)	S	2-Fluorobiphenyl	1.548	1.656	1.723	1.652	1.798	1.801	1.910	1.727	6.95
16)		Acenaphthylene	1.585	1.600	1.576	1.538	1.714	1.741	1.858	1.659	6.95
17)		Acenaphthene	1.030	1.027	1.045	1.009	1.123	1.147	1.203	1.083	6.85
18)		Fluorene	1.444	1.417	1.476	1.420	1.603	1.643	1.706	1.530	7.74
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.084	0.085	0.087	0.113	0.119	0.128	0.103	19.13
21)		4-Bromophenyl-...	0.264	0.253	0.270	0.269	0.303	0.302	0.316	0.282	8.58
22)		Hexachlorobenzene	0.310	0.299	0.302	0.291	0.311	0.301	0.311	0.303	2.45
23)		Atrazine	0.200	0.208	0.213	0.204	0.232	0.242	0.266	0.224	10.81
24)		Pentachlorophenol		0.164	0.155	0.148	0.165	0.168	0.183	0.164	7.30
25)		Phenanthrene	1.056	1.067	1.080	1.038	1.172	1.190	1.287	1.127	8.12
26)		Anthracene	0.935	0.972	0.969	0.959	1.076	1.120	1.222	1.036	10.28
27)	SURR	Fluoranthene-d10	1.073	1.137	1.063	1.028	1.121	1.154	1.447	1.146	12.22
28)		Fluoranthene	1.377	1.398	1.362	1.320	1.487	1.507	1.624	1.439	7.32
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.459	1.449	1.534	1.431	1.561	1.550	1.612	1.514	4.47
31)	S	Terphenyl-d14	0.800	0.794	0.868	0.796	0.878	0.892	0.943	0.853	6.77
32)		Benzo(a)anthra...	1.149	1.202	1.167	1.152	1.318	1.364	1.446	1.257	9.46
33)		Chrysene	1.630	1.573	1.583	1.491	1.554	1.510	1.551	1.556	2.98
34)		Bis(2-ethylhex...		0.509	0.504	0.466	0.481	0.488	0.537	0.498	5.00
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062625.M

36)		Indeno(1,2,3-c...	1.487	1.515	1.577	1.620	1.786	1.853	1.967	1.686	10.88
37)		Benzo(b)fluora...	1.329	1.305	1.318	1.320	1.464	1.504	1.632	1.410	8.93
38)		Benzo(k)fluora...	1.408	1.389	1.462	1.430	1.552	1.613	1.697	1.507	7.73
39)	C	Benzo(a)pyrene	1.211	1.160	1.183	1.174	1.286	1.341	1.426	1.254	8.01
40)		Dibenzo(a,h)an...	1.050	1.138	1.211	1.229	1.394	1.485	1.561	1.296	14.53
41)		Benzo(g,h,i)pe...	1.425	1.473	1.477	1.462	1.617	1.658	1.725	1.548	7.51

(#) = 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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_N Calibration Date/Time: 06/26/2025 21:38

Lab File ID: BN037403.D Init. Calib. Date(s): 06/26/2025 06/26/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 10:41 14:17

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.619	0.590		-4.7	20.0
Fluoranthene-d10	1.146	1.145		-0.1	20.0
2-Fluorophenol	0.771	0.749		-2.9	20.0
Phenol-d6	0.799	0.782		-2.1	20.0
Nitrobenzene-d5	0.321	0.301		-6.2	20.0
2-Fluorobiphenyl	1.727	1.728		0.1	20.0
2,4,6-Tribromophenol	0.235	0.289		23.0	20.0
Terphenyl-d14	0.853	0.867		1.6	20.0
Benzo(a)anthracene	1.257	1.206		-4.1	20.0
Benzo(b)fluoranthene	1.410	1.343		-4.8	20.0
Benzo(k)fluoranthene	1.507	1.515		0.5	20.0
Benzo(a)pyrene	1.254	1.225		-2.3	20.0
Benzo(g,h,i)perylene	1.548	1.498		-3.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_N Calibration Date/Time: 06/27/2025 10:09

Lab File ID: BN037417.D Init. Calib. Date(s): 06/26/2025 06/26/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 10:41 14:17

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.619	0.578		-6.6	20.0
Fluoranthene-d10	1.146	1.126		-1.7	20.0
2-Fluorophenol	0.771	0.793		2.9	20.0
Phenol-d6	0.799	0.783		-2.0	20.0
Nitrobenzene-d5	0.321	0.297		-7.5	20.0
2-Fluorobiphenyl	1.727	1.669		-3.4	20.0
2,4,6-Tribromophenol	0.235	0.245		4.3	20.0
Terphenyl-d14	0.853	0.854		0.1	20.0
Benzo(a)anthracene	1.257	1.166		-7.2	20.0
Benzo(b)fluoranthene	1.410	1.335		-5.3	20.0
Benzo(k)fluoranthene	1.507	1.509		0.1	20.0
Benzo(a)pyrene	1.254	1.180		-5.9	20.0
Benzo(g,h,i)perylene	1.548	1.484		-4.1	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037405.D
Acq On : 26 Jun 2025 22:50
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAV1W

Quant Time: Jun 27 03:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

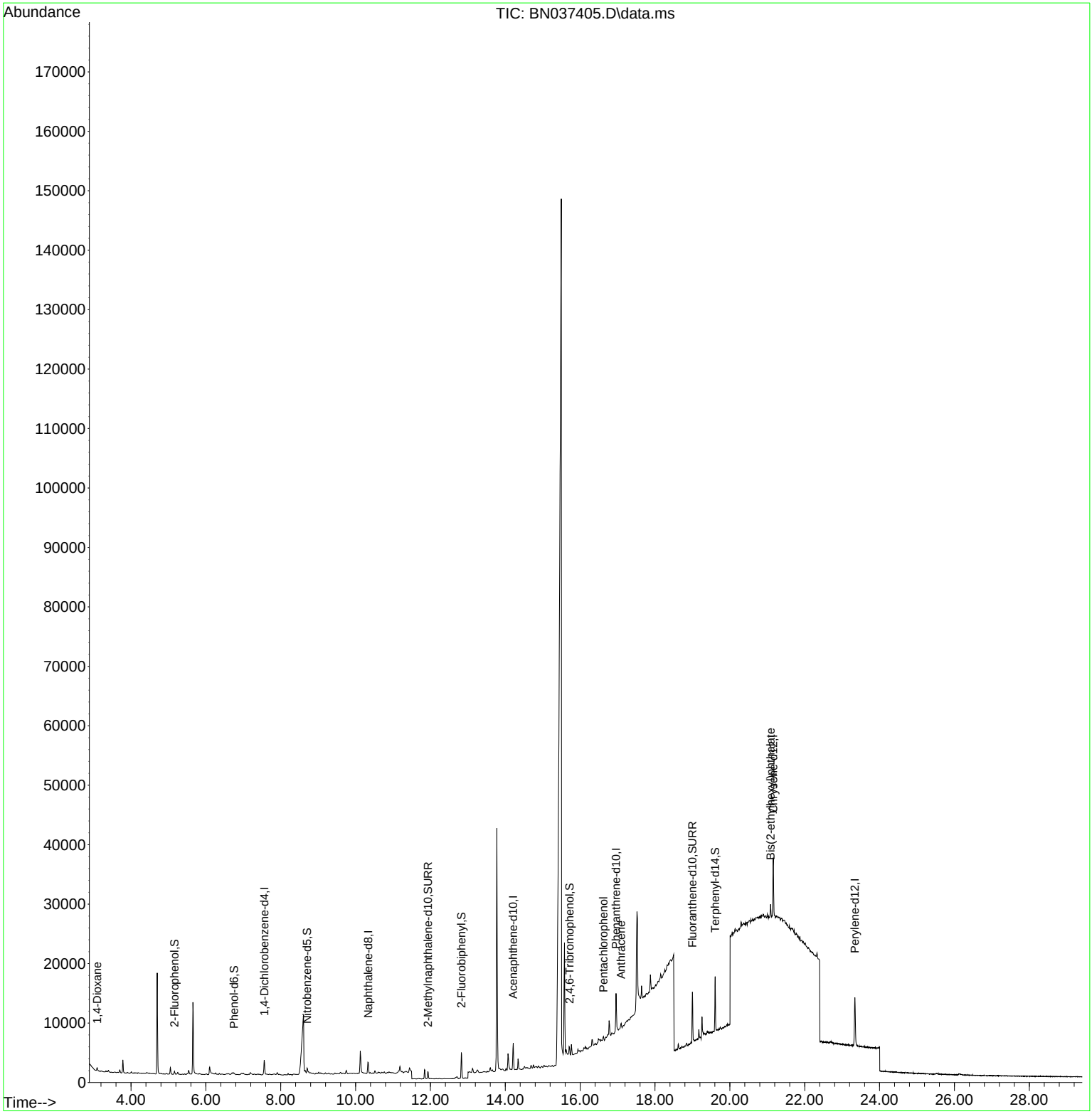
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1177	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	2747	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2584	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	8148	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	9805	0.400	ng	# 0.00
35) Perylene-d12	23.339	264	9788	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	407	0.179	ng	0.00
5) Phenol-d6	6.752	99	267	0.114	ng	0.00
8) Nitrobenzene-d5	8.707	82	815	0.370	ng	-0.01
11) 2-Methylnaphthalene-d10	11.935	152	1675	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	851	0.561	ng	0.00
15) 2-Fluorobiphenyl	12.828	172	3801	0.341	ng	0.00
27) Fluoranthene-d10	18.998	212	10045	0.430	ng	0.00
31) Terphenyl-d14	19.607	244	8775	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	239	0.214	ng	# 1
24) Pentachlorophenol	16.624	266	357	0.107	ng	97
26) Anthracene	17.095	178	849	0.040	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.090	149	1986	0.163	ng	99

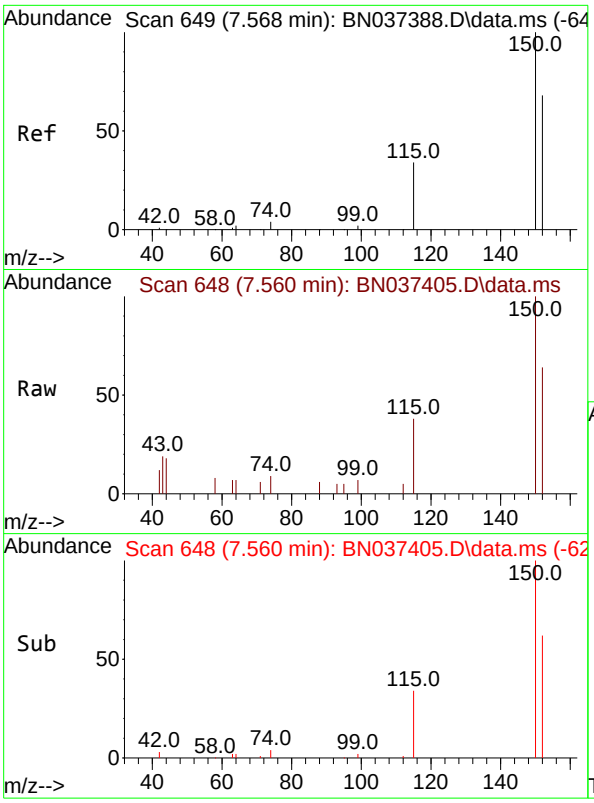
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037405.D
Acq On : 26 Jun 2025 22:50
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAV1W

Quant Time: Jun 27 03:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration



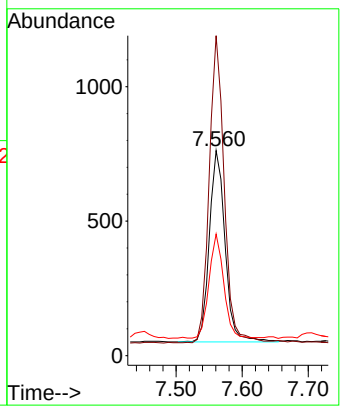


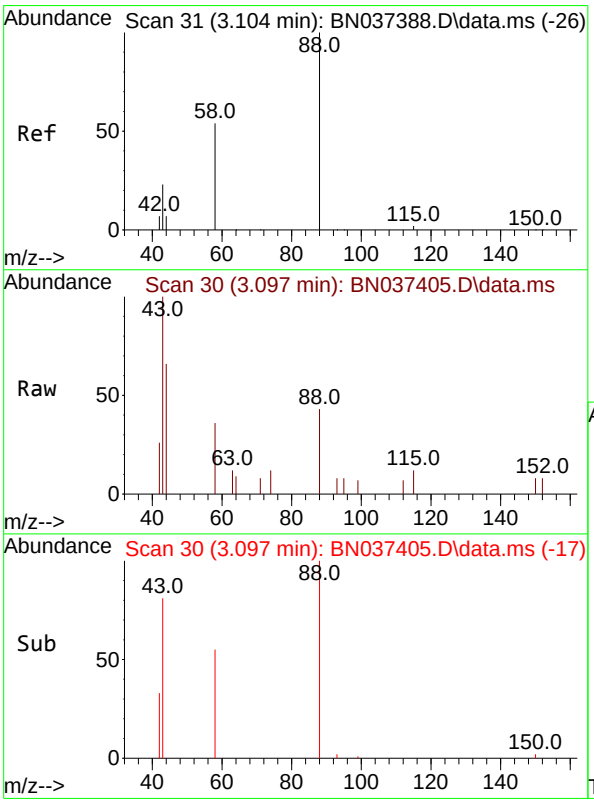
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.560 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:152 Resp: 1177

Ion	Ratio	Lower	Upper
152	100		
150	156.0	116.2	174.2
115	59.2	42.9	64.3

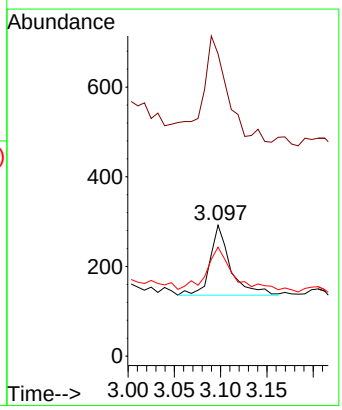


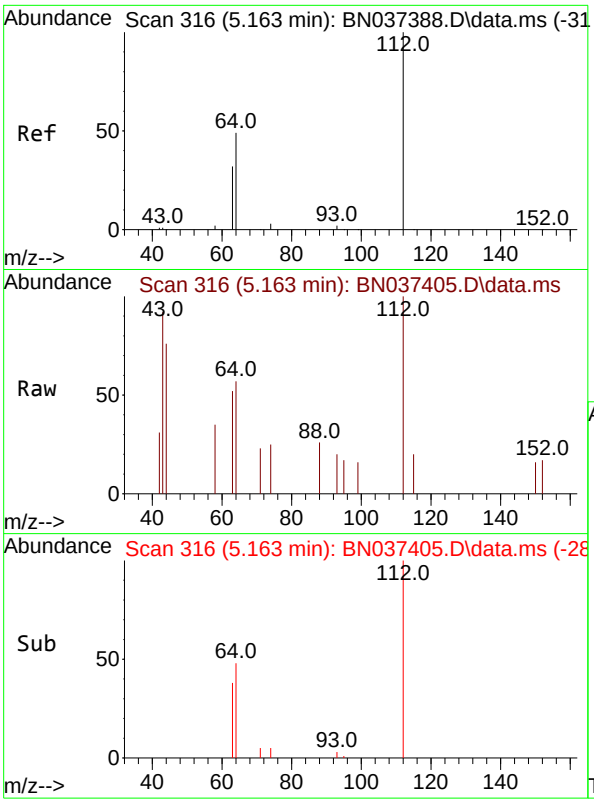


#2
1,4-Dioxane
Concen: 0.214 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion: 88 Resp: 239

Ion	Ratio	Lower	Upper
88	100		
43	169.0	21.6	32.4#
58	74.5	45.9	68.9#



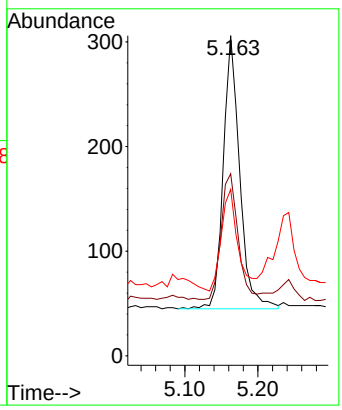


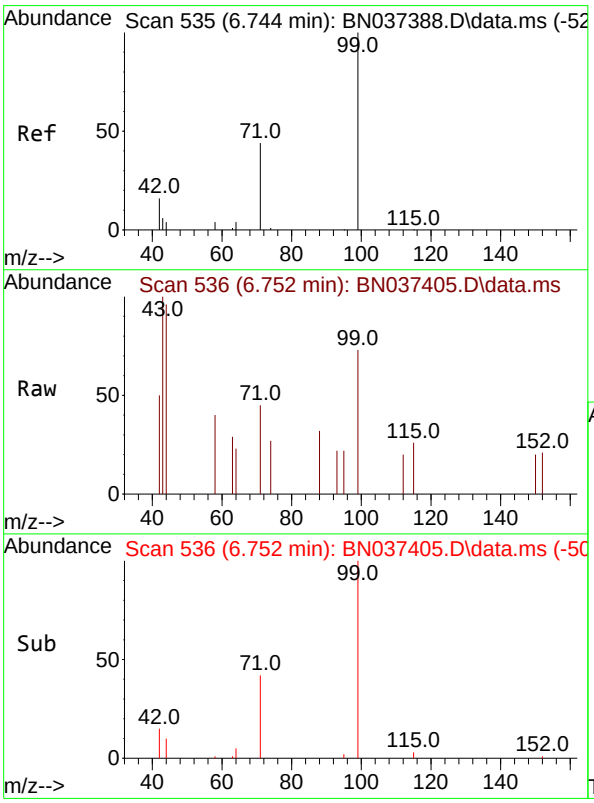
#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.163 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:112 Resp: 407

Ion	Ratio	Lower	Upper
112	100		
64	47.4	40.3	60.5
63	36.9	26.1	39.1

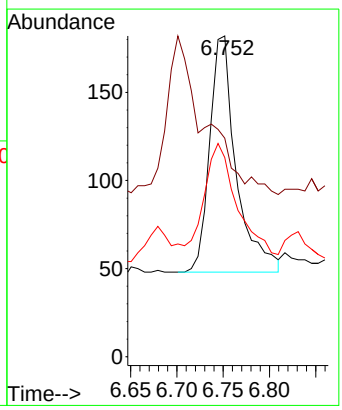


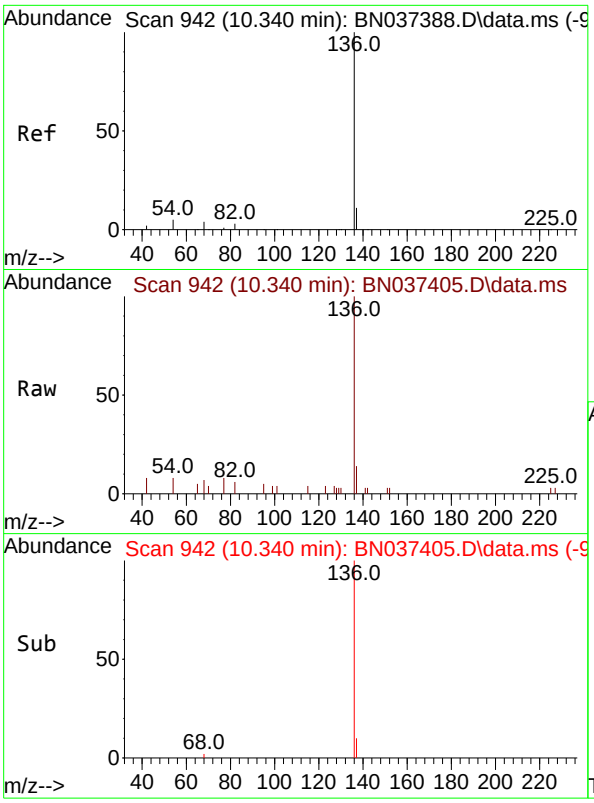


#5
Phenol-d6
Concen: 0.114 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion: 99 Resp: 267

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.6	23.4#
71	64.8	35.8	53.8#



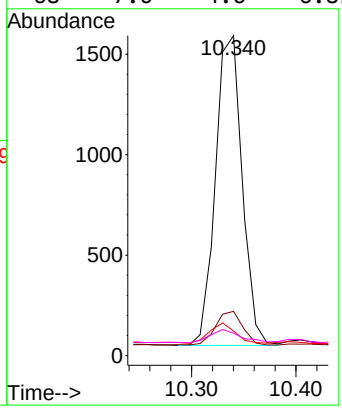


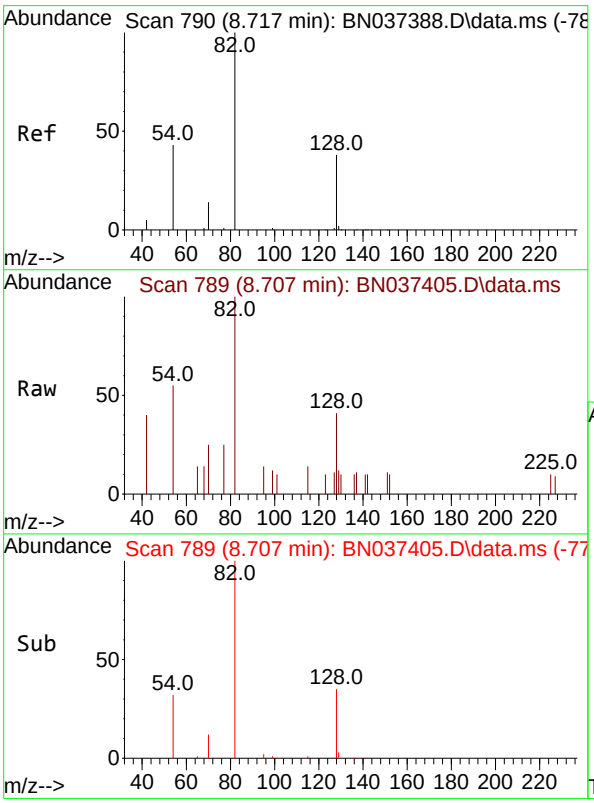
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:136 Resp: 2747

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.4	15.6
54	7.7	5.6	8.4
68	7.0	4.6	6.8#

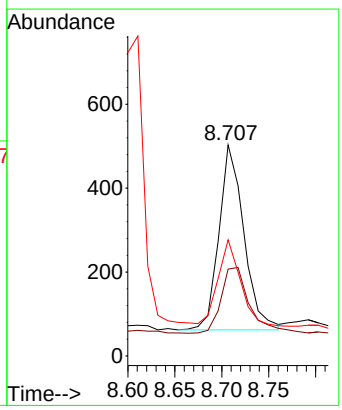


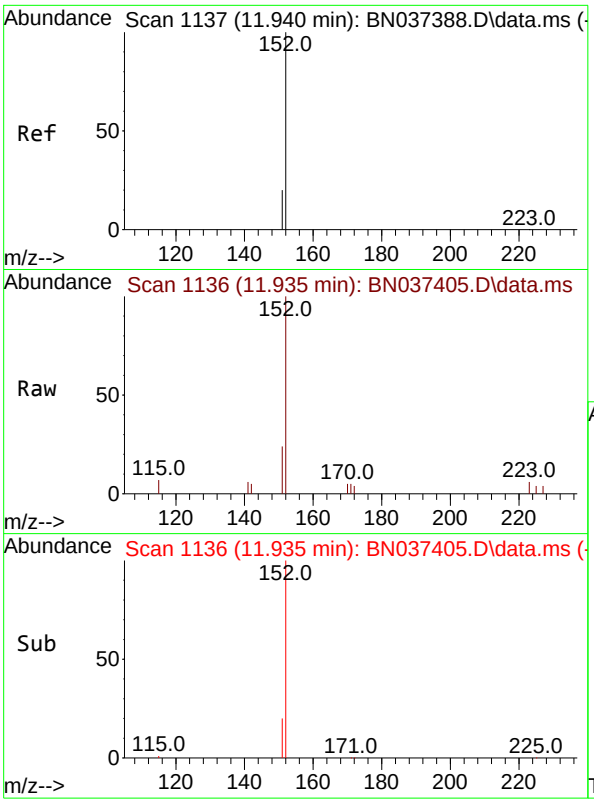


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion: 82 Resp: 815

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	55.1	37.7	56.5



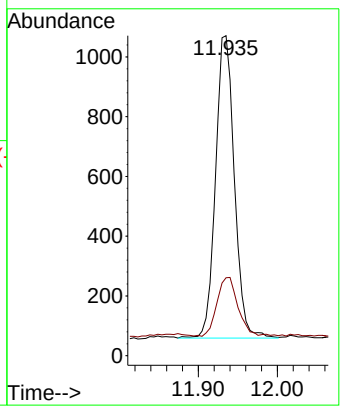


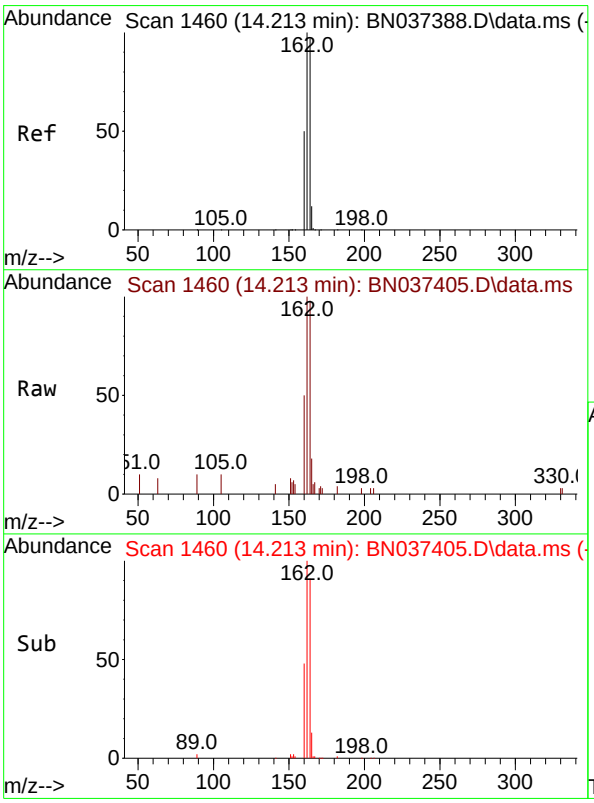
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 11.935 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:152 Resp: 1675

Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.4	27.6

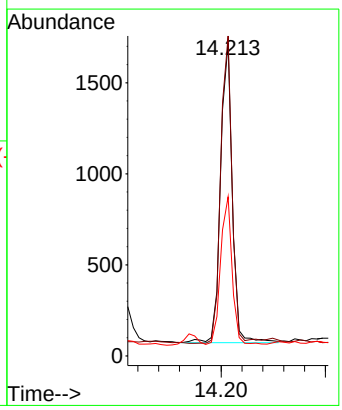


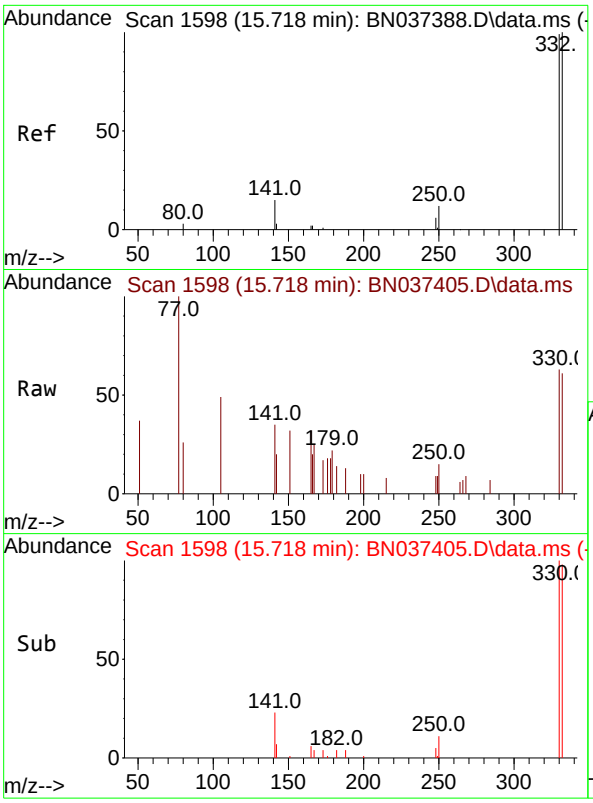


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:164 Resp: 2584

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	50.8	42.2	63.2



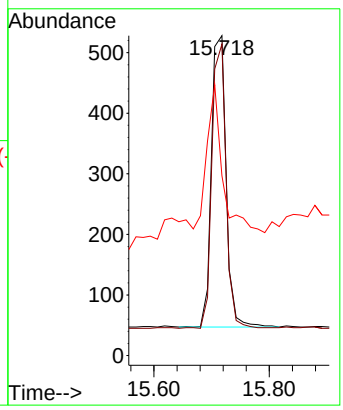


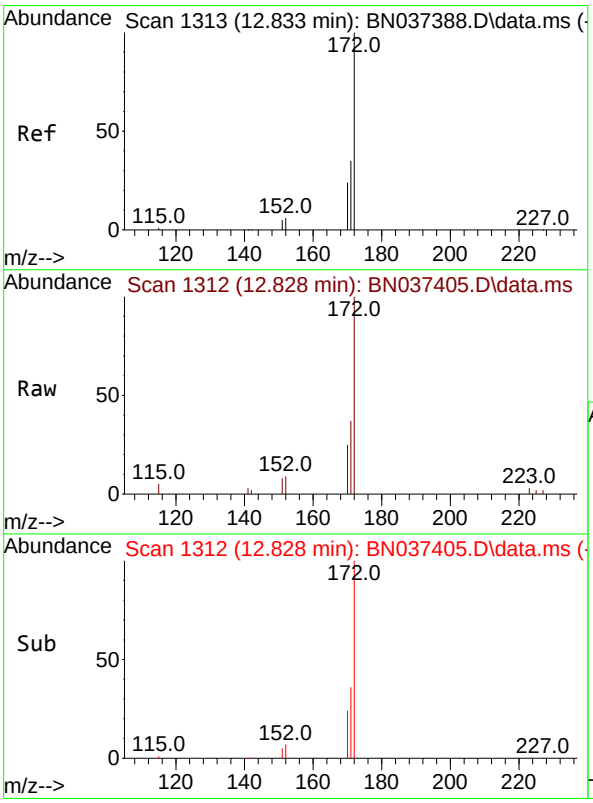
#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.718 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:330 Resp: 851

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.8	116.8
141	59.8	24.0	36.0#

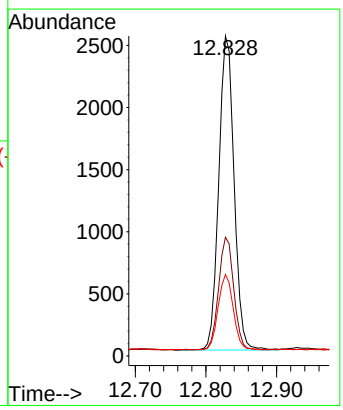


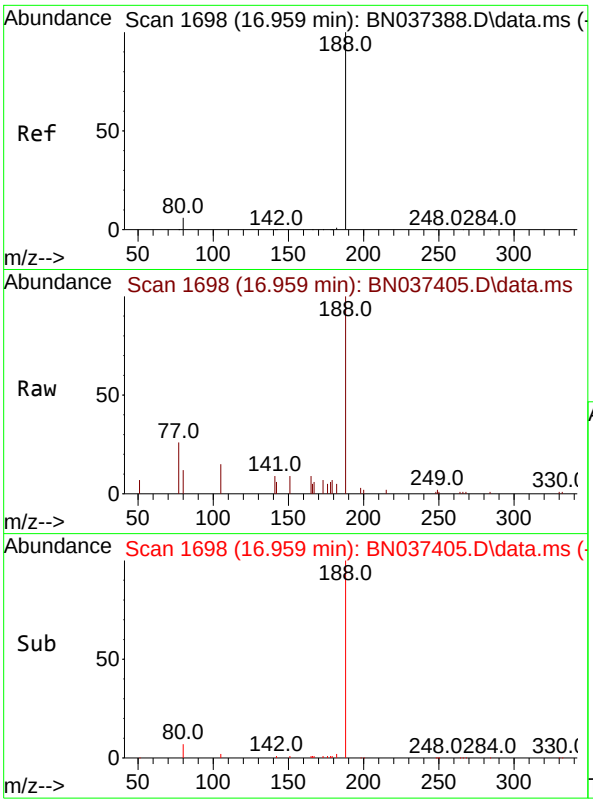


#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.828 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:172 Resp: 3801

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.8	43.2
170	25.5	20.3	30.5



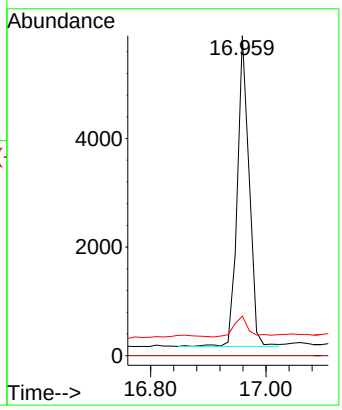


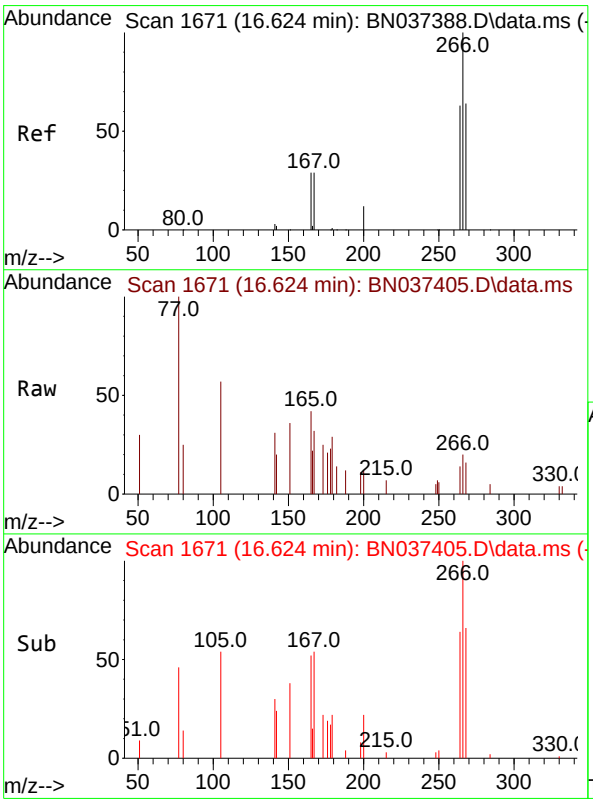
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:188 Resp: 8148

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	6.2	9.4#

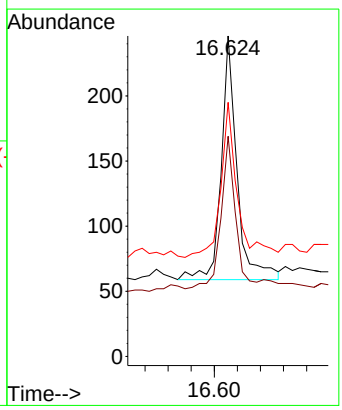


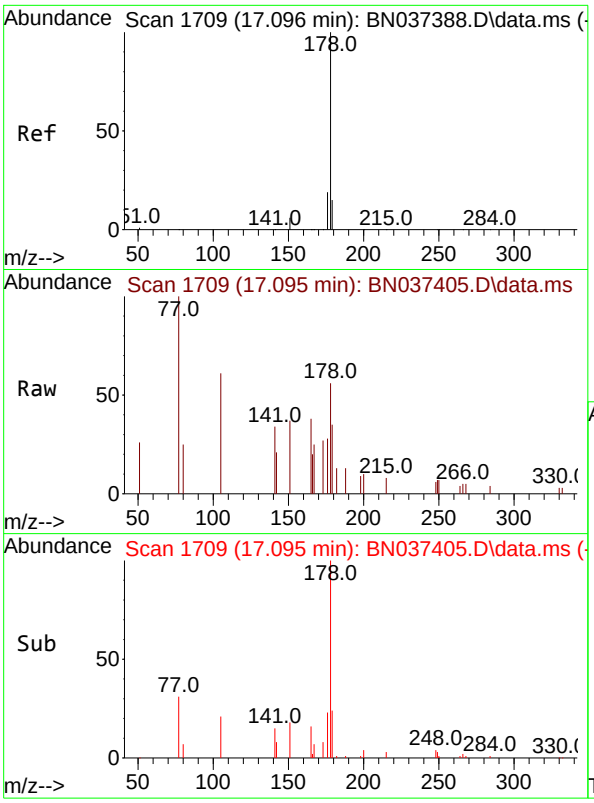


#24
Pentachlorophenol
Concen: 0.107 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:266 Resp: 357

Ion	Ratio	Lower	Upper
266	100		
264	57.1	49.2	73.8
268	66.7	54.2	81.4



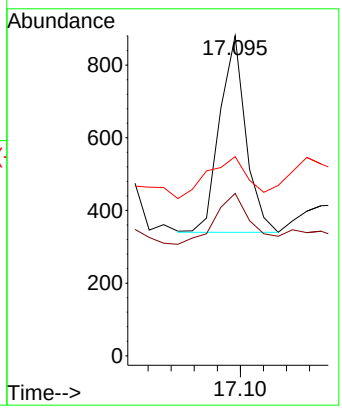


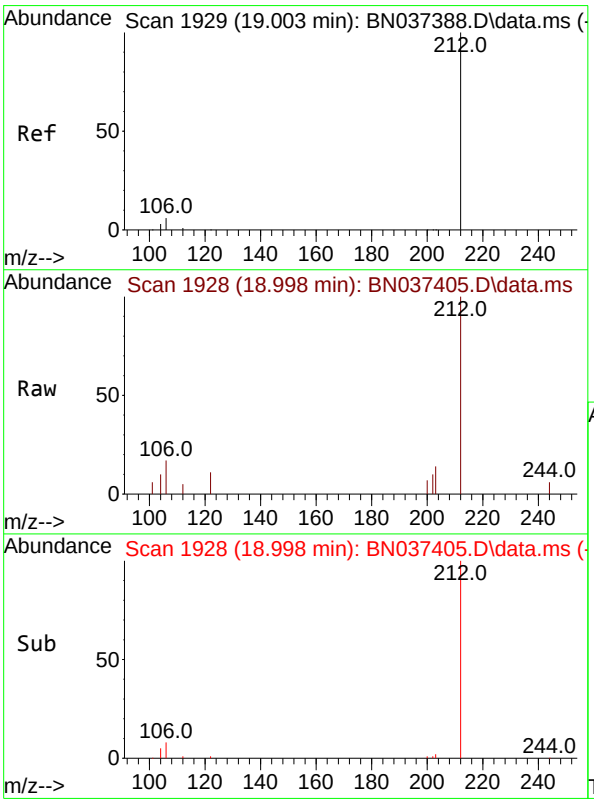
#26
Anthracene
Concen: 0.040 ng
RT: 17.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:178 Resp: 849

Ion	Ratio	Lower	Upper
178	100		
176	35.5	14.9	22.3#
179	32.3	12.4	18.6#

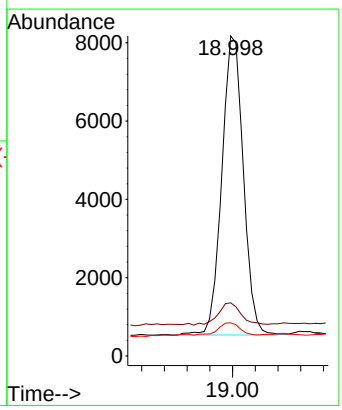


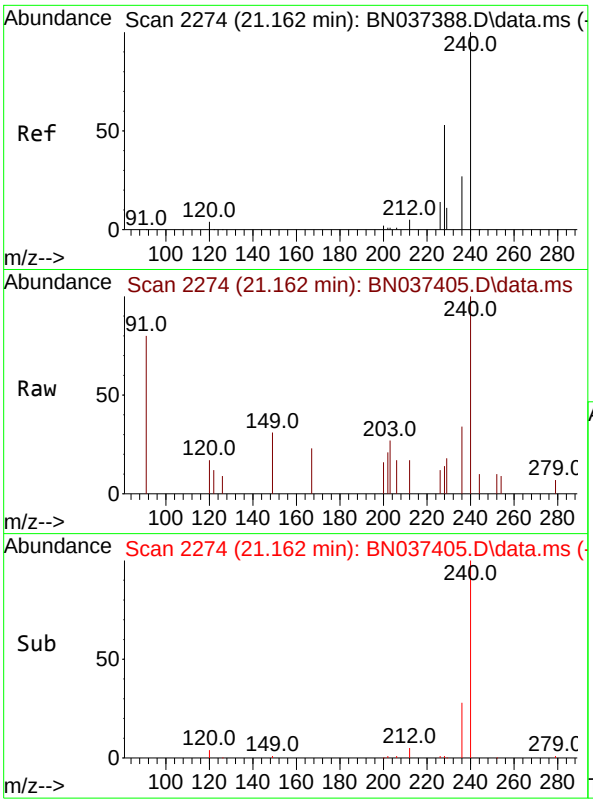


#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 18.998 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:212 Resp: 10045

Ion	Ratio	Lower	Upper
212	100		
106	7.9	4.5	6.7#
104	4.7	2.7	4.1#



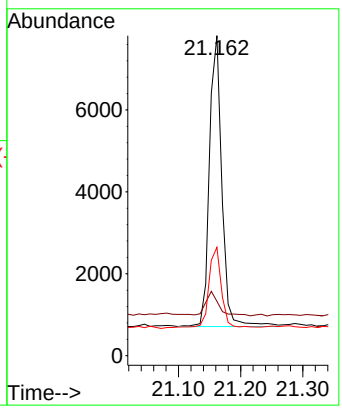


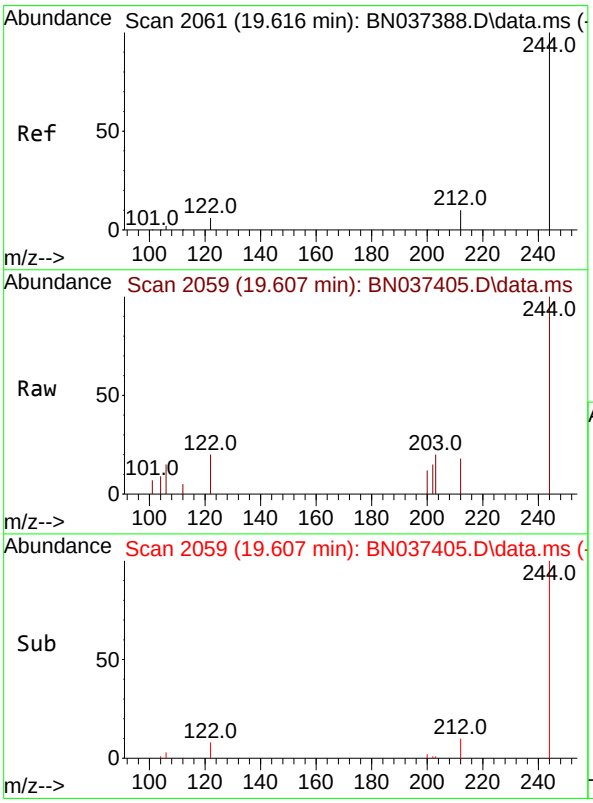
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:240 Resp: 9805

Ion	Ratio	Lower	Upper
240	100		
120	17.0	5.3	7.9#
236	33.9	22.7	34.1

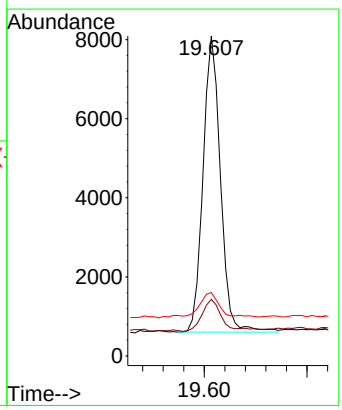


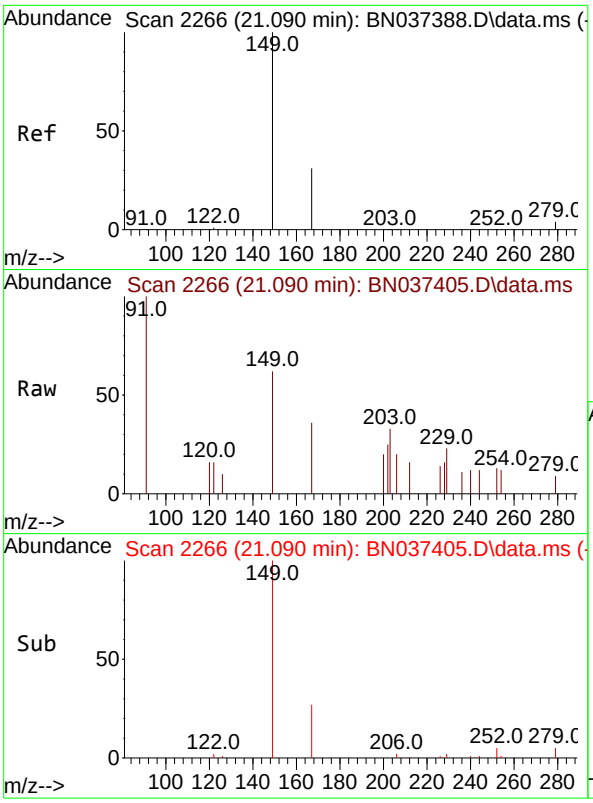


#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.607 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:244 Resp: 8775

Ion	Ratio	Lower	Upper
244	100		
212	17.7	9.1	13.7#
122	19.8	6.3	9.5#



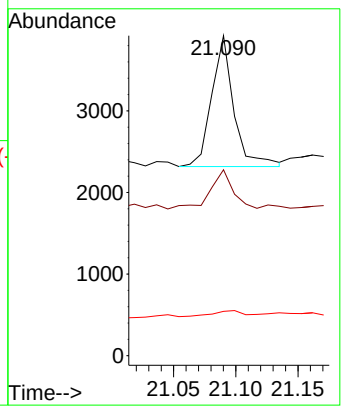


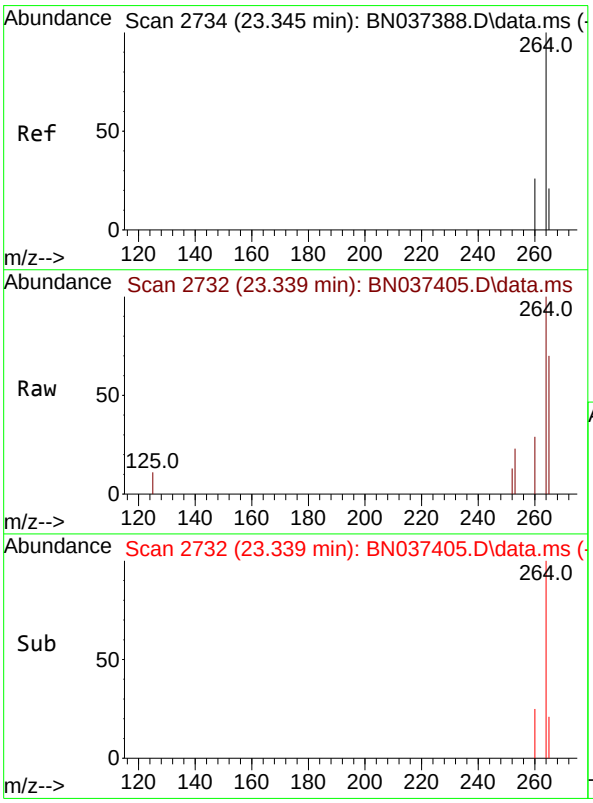
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.090 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Instrument :
BNA_N
ClientSampleId :
GAV1W

Tgt Ion:149 Resp: 1986

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.8	37.2
279	6.5	5.0	7.6

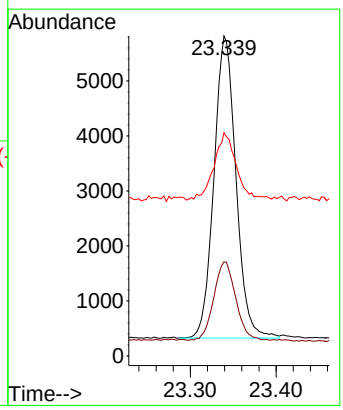




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.339 min Scan# 2732
Delta R.T. -0.006 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:264 Resp: 9788

Ion	Ratio	Lower	Upper
264	100		
260	29.4	21.4	32.0
265	69.8	56.2	84.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
Data File : BN037422.D
Acq On : 27 Jun 2025 13:10
Operator : RC/JU
Sample : Q2372-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Quant Time: Jun 27 13:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

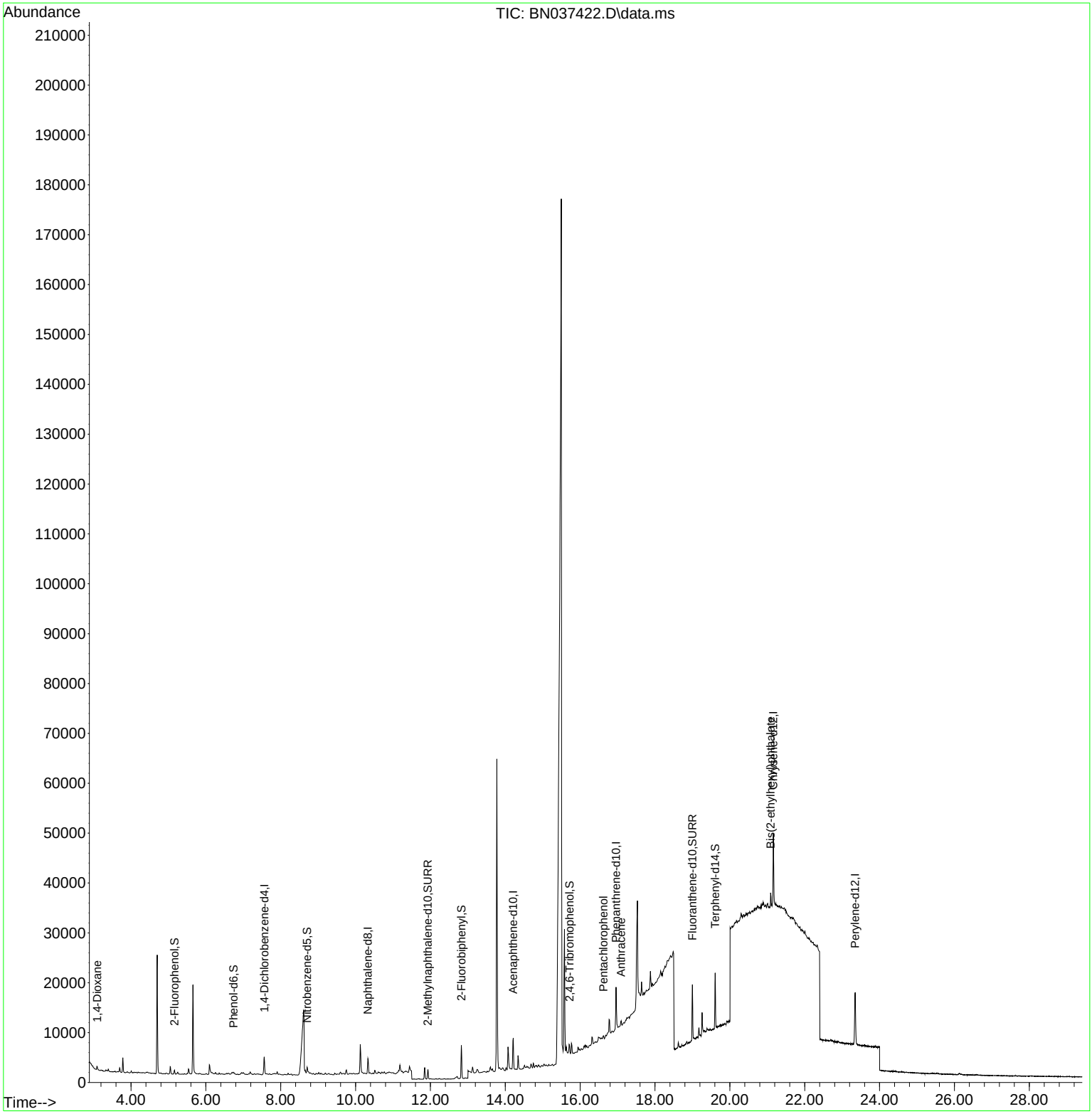
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.330	136	4154	0.400	ng	#-0.01
13) Acenaphthene-d10	14.213	164	3770	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	10583	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	13030	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	12884	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	624	0.186	ng	0.00
5) Phenol-d6	6.744	99	429	0.123	ng	0.00
8) Nitrobenzene-d5	8.707	82	1223	0.367	ng	-0.01
11) 2-Methylnaphthalene-d10	11.930	152	2522	0.392	ng	-0.01
14) 2,4,6-Tribromophenol	15.718	330	1128	0.510	ng	0.00
15) 2-Fluorobiphenyl	12.828	172	5597	0.344	ng	0.00
27) Fluoranthene-d10	18.998	212	12791	0.422	ng	0.00
31) Terphenyl-d14	19.607	244	11400	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	328	0.199	ng	# 1
24) Pentachlorophenol	16.624	266	307	0.071	ng	97
26) Anthracene	17.096	178	1100	0.040	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.090	149	2673	0.165	ng	# 96

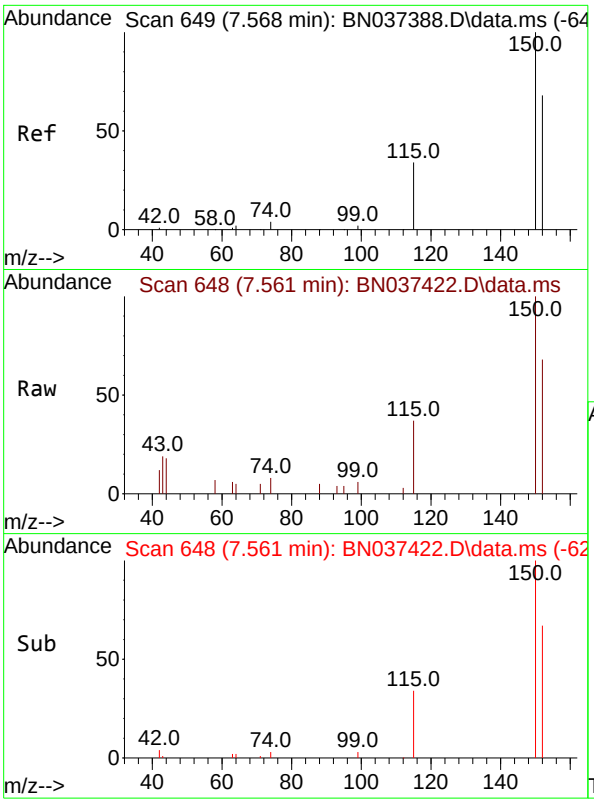
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
Data File : BN037422.D
Acq On : 27 Jun 2025 13:10
Operator : RC/JU
Sample : Q2372-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Quant Time: Jun 27 13:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration



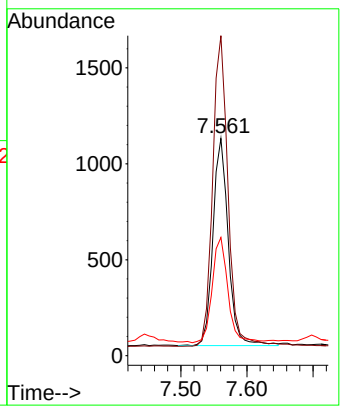


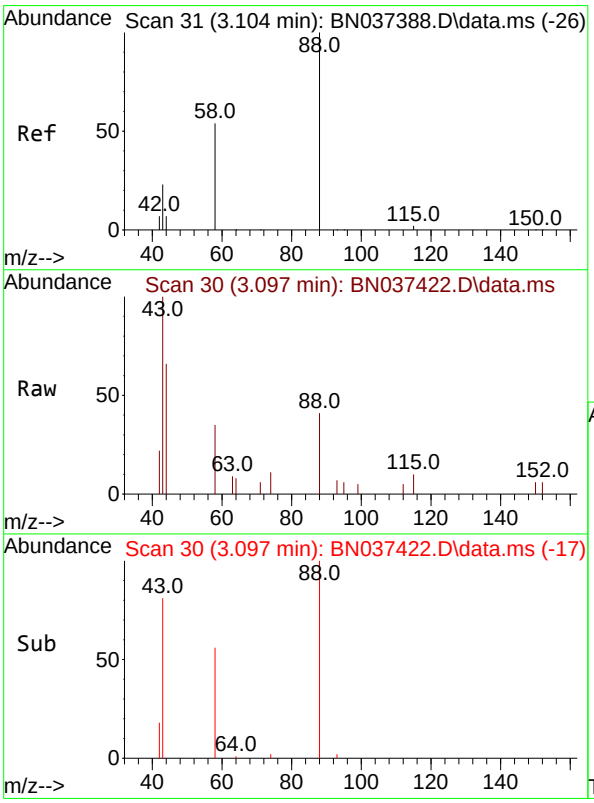
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.561 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:152 Resp: 1739

Ion	Ratio	Lower	Upper
152	100		
150	147.2	116.2	174.2
115	54.4	42.9	64.3

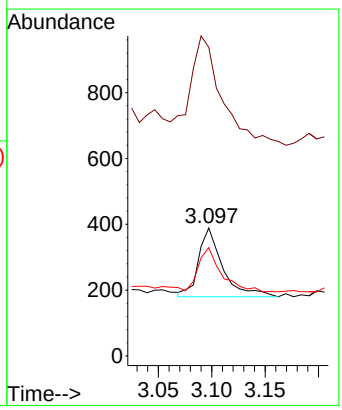


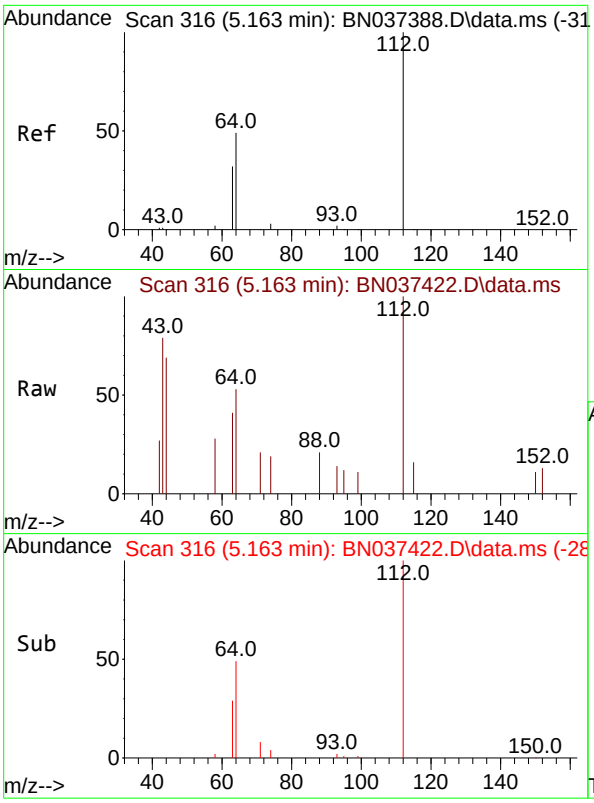


#2
1,4-Dioxane
Concen: 0.199 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
43	213.7	21.6	32.4#
58	60.7	45.9	68.9



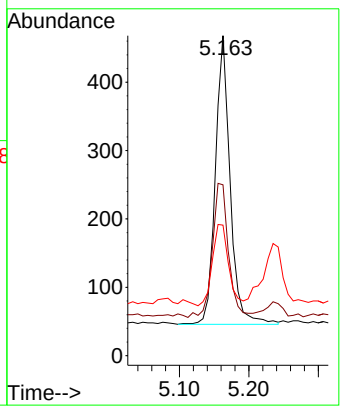


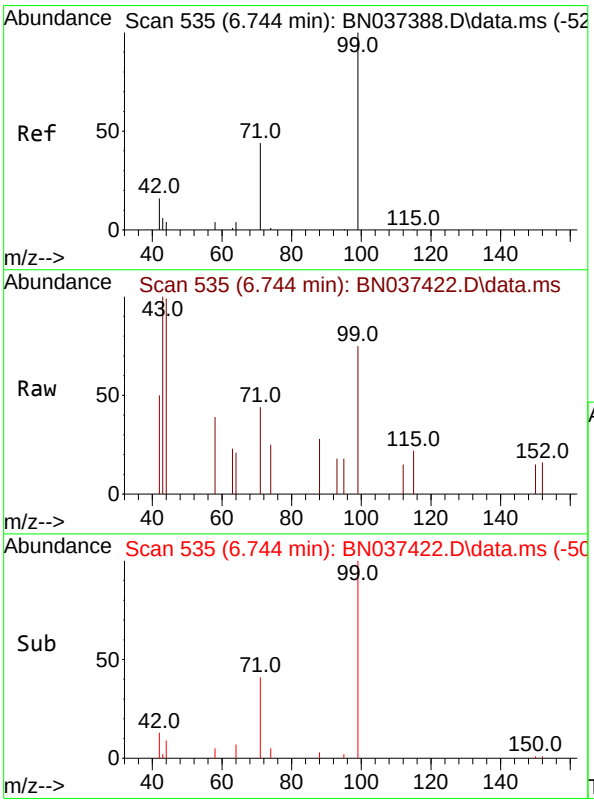
#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.163 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:112 Resp: 624

Ion	Ratio	Lower	Upper
112	100		
64	50.5	40.3	60.5
63	30.8	26.1	39.1

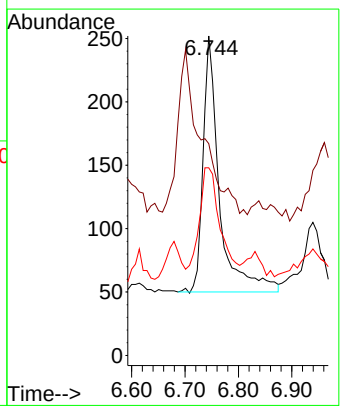


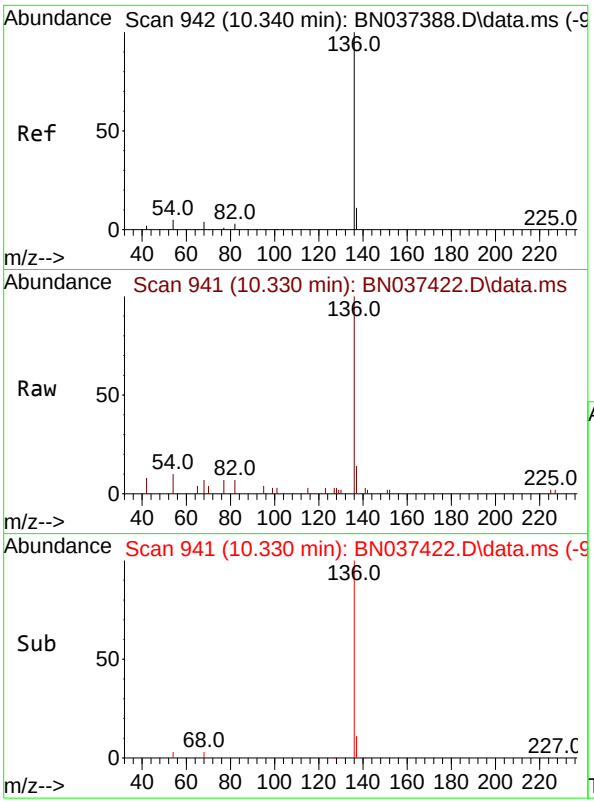


#5
Phenol-d6
Concen: 0.123 ng
RT: 6.744 min Scan# 535
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 99 Resp: 429

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.6	23.4#
71	56.9	35.8	53.8#



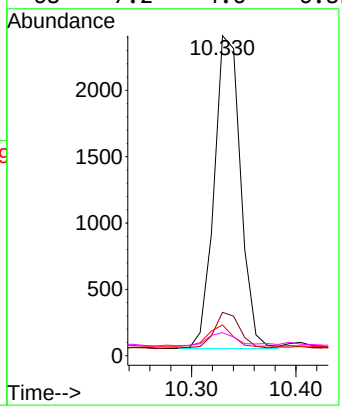


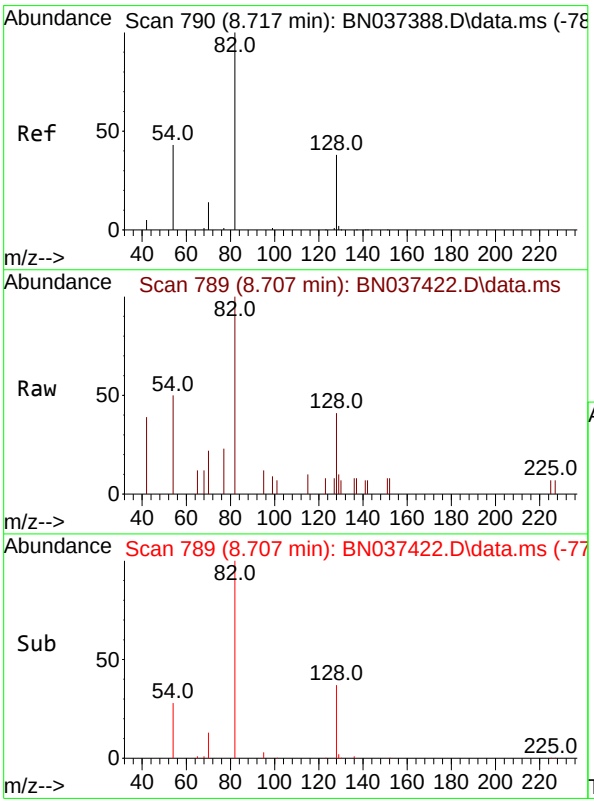
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.330 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:136 Resp: 4154

Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.4	15.6
54	9.6	5.6	8.4#
68	7.2	4.6	6.8#

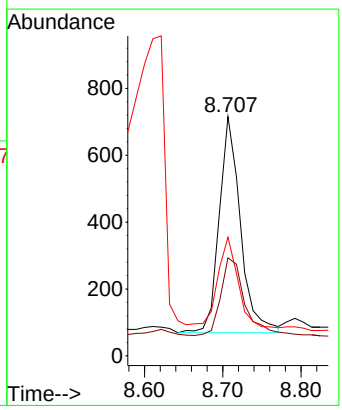


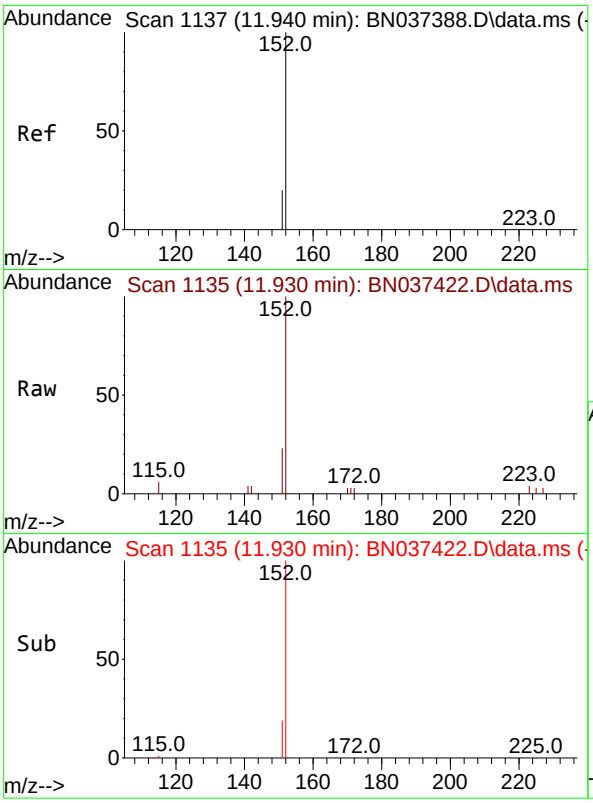


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 82 Resp: 1223

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	49.6	37.7	56.5



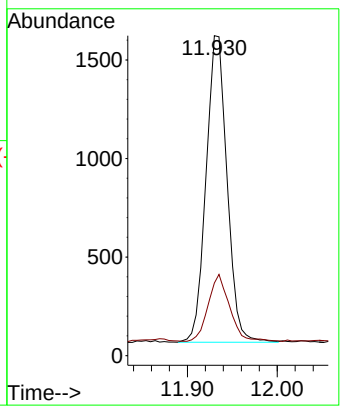


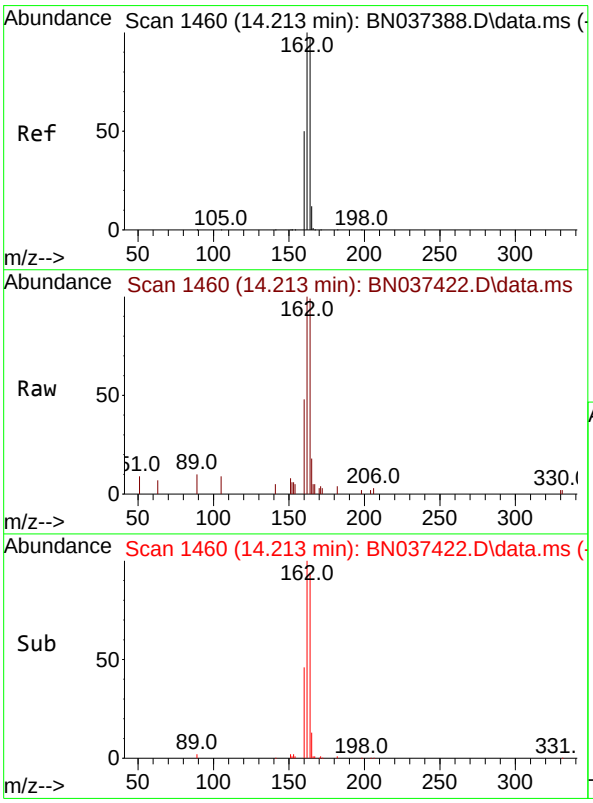
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.930 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:152 Resp: 2522

Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.4	27.6

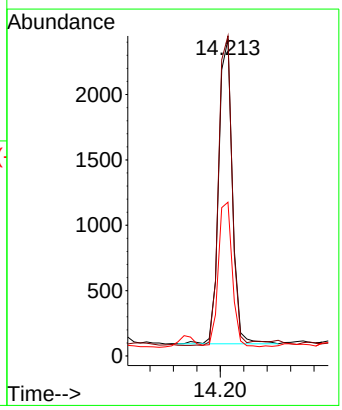


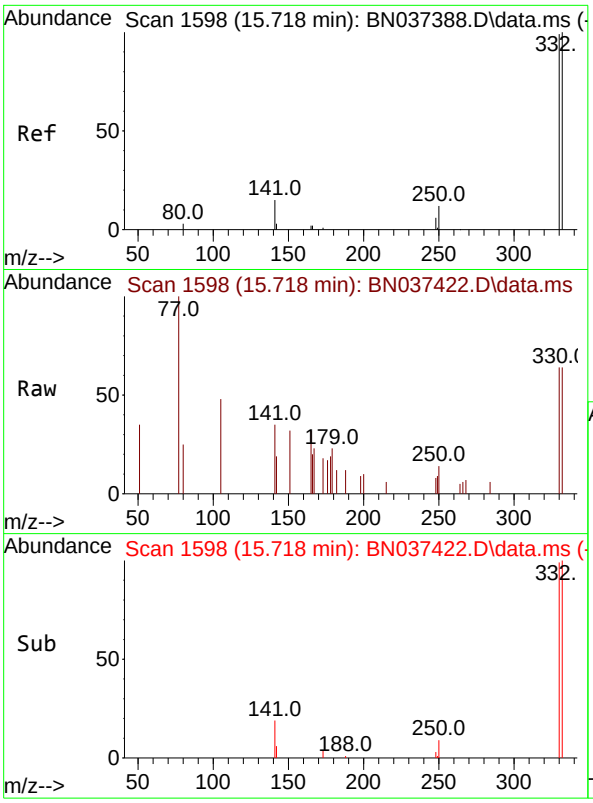


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:164 Resp: 3770

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	48.6	42.2	63.2



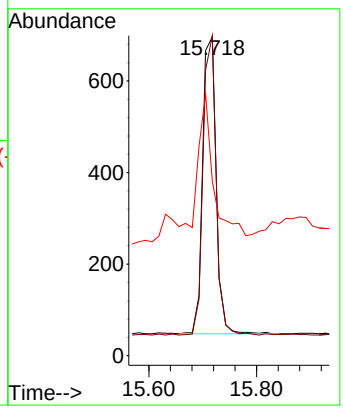


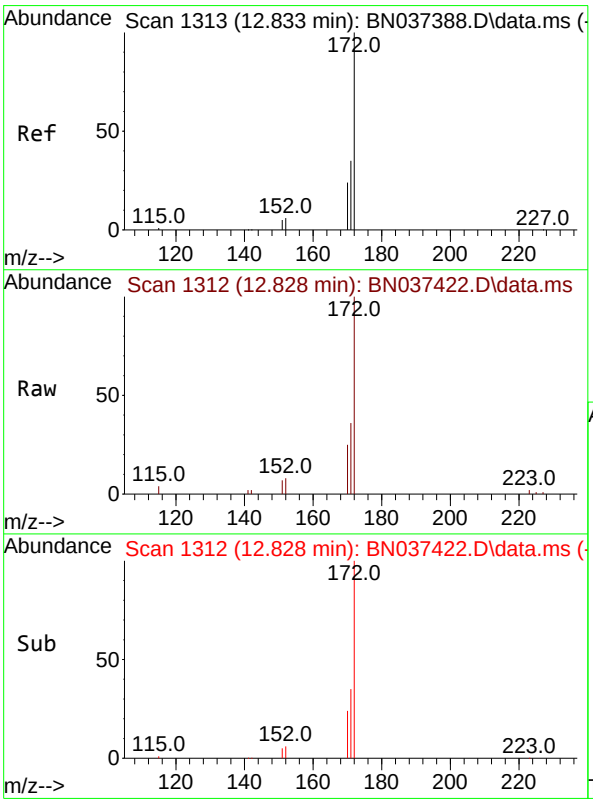
#14
2,4,6-Tribromophenol
Concen: 0.510 ng
RT: 15.718 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:330 Resp: 1128

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.8
141	55.1	24.0	36.0#

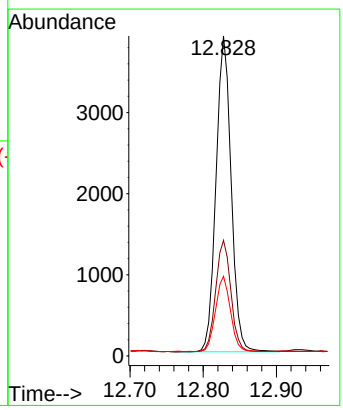


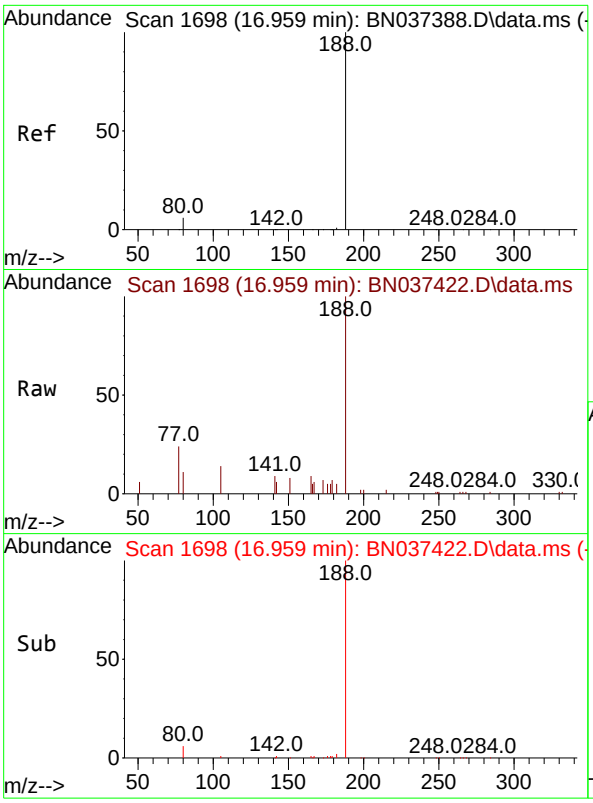


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.828 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:172 Resp: 5597

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	24.9	20.3	30.5



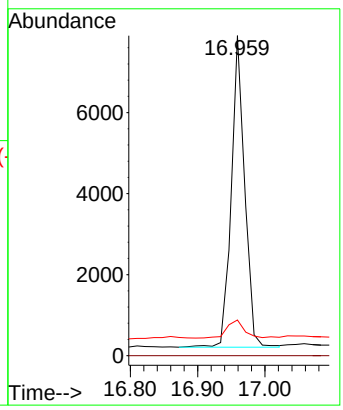


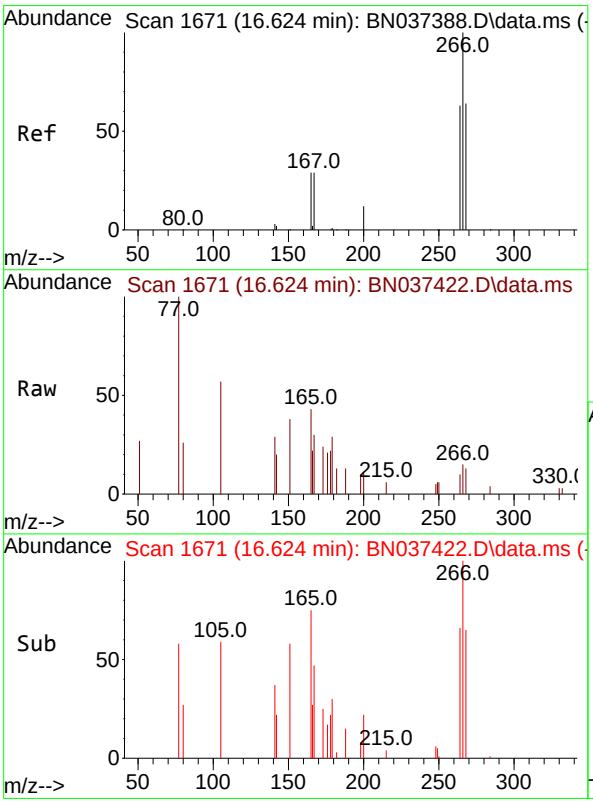
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:188 Resp: 10583

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	6.2	9.4#

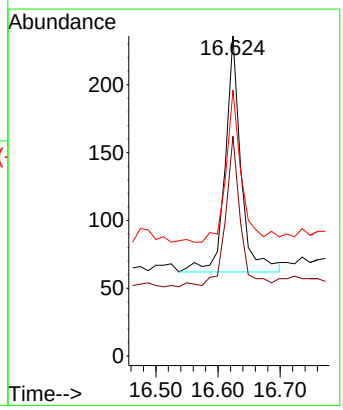


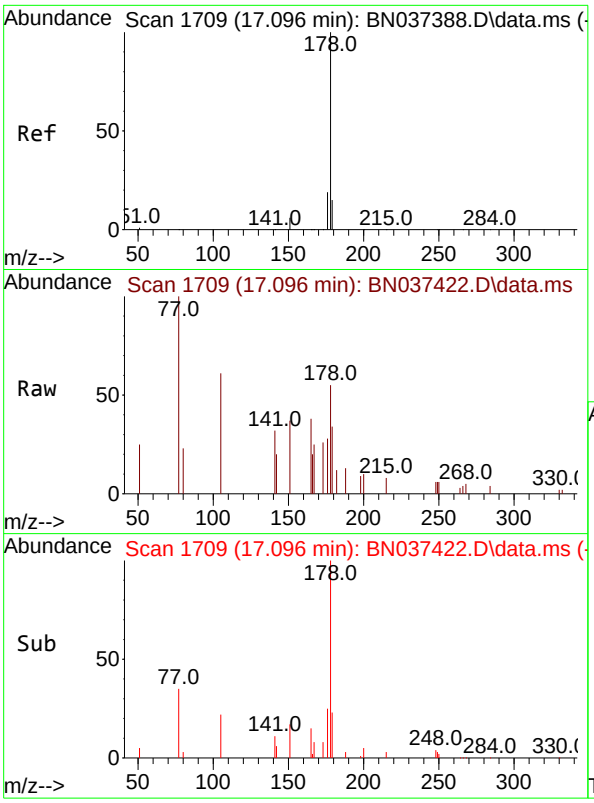


#24
Pentachlorophenol
Concen: 0.071 ng
RT: 16.624 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:266 Resp: 307

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.2	73.8
268	63.8	54.2	81.4



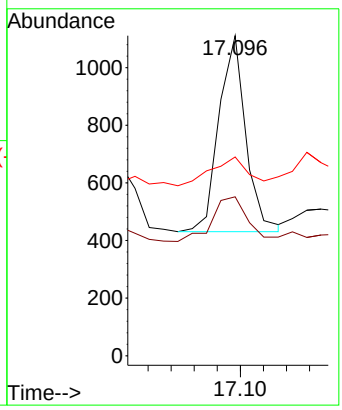


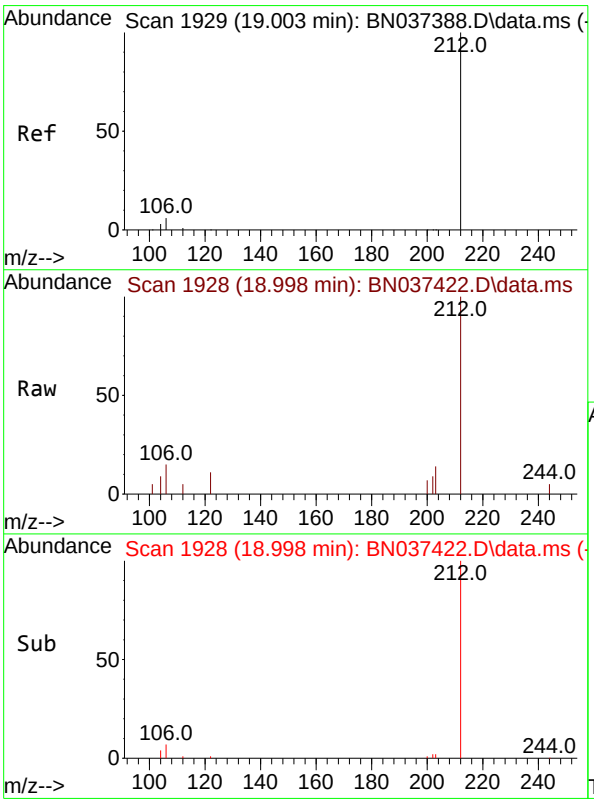
#26
Anthracene
Concen: 0.040 ng
RT: 17.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:178 Resp: 1100

Ion	Ratio	Lower	Upper
178	100		
176	30.4	14.9	22.3#
179	19.8	12.4	18.6#

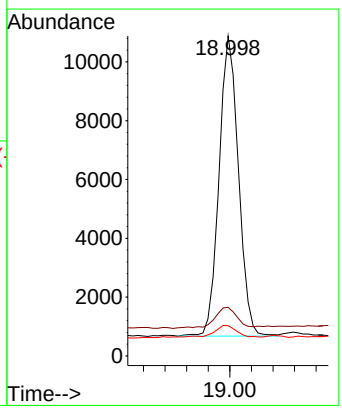


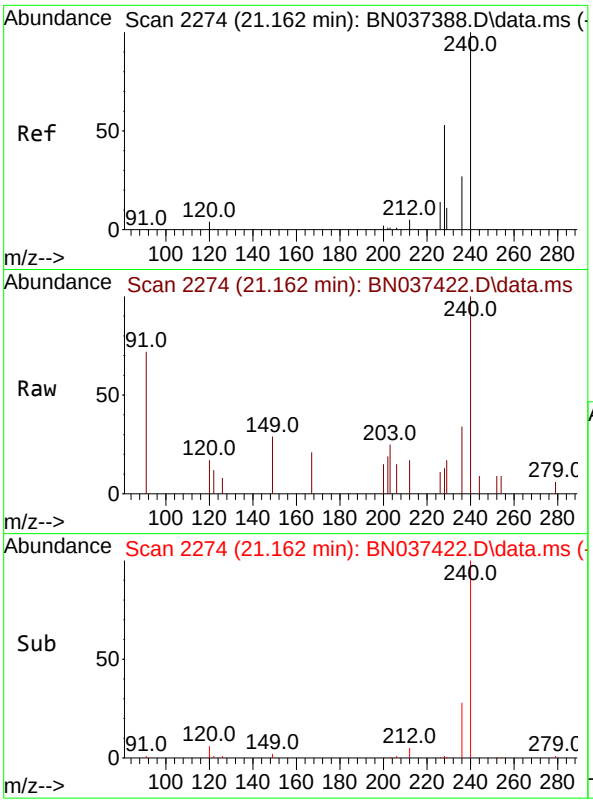


#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.998 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:212 Resp: 12791

Ion	Ratio	Lower	Upper
212	100		
106	8.3	4.5	6.7#
104	5.1	2.7	4.1#



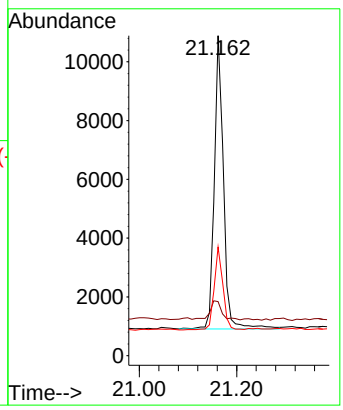


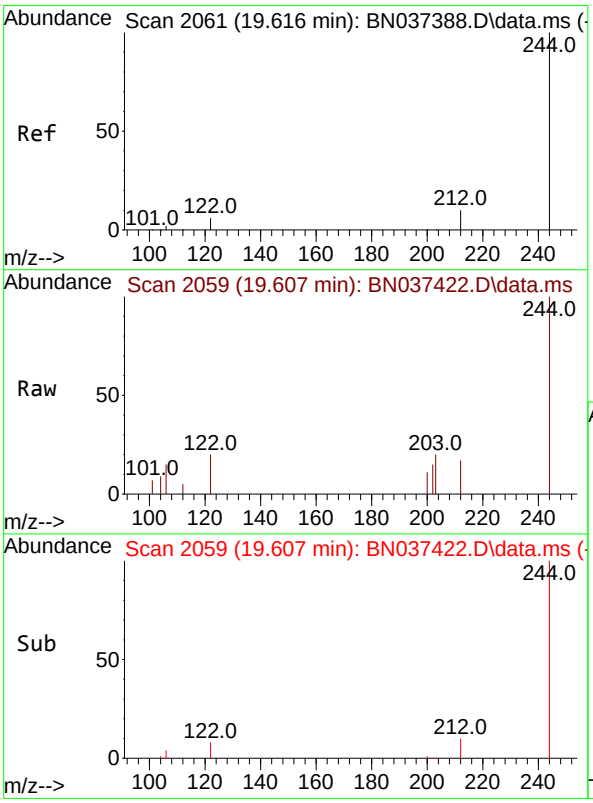
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:240 Resp: 13030

Ion	Ratio	Lower	Upper
240	100		
120	16.9	5.3	7.9#
236	33.9	22.7	34.1

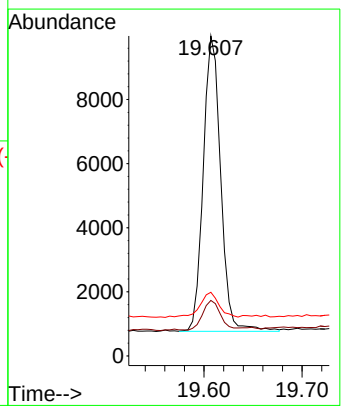


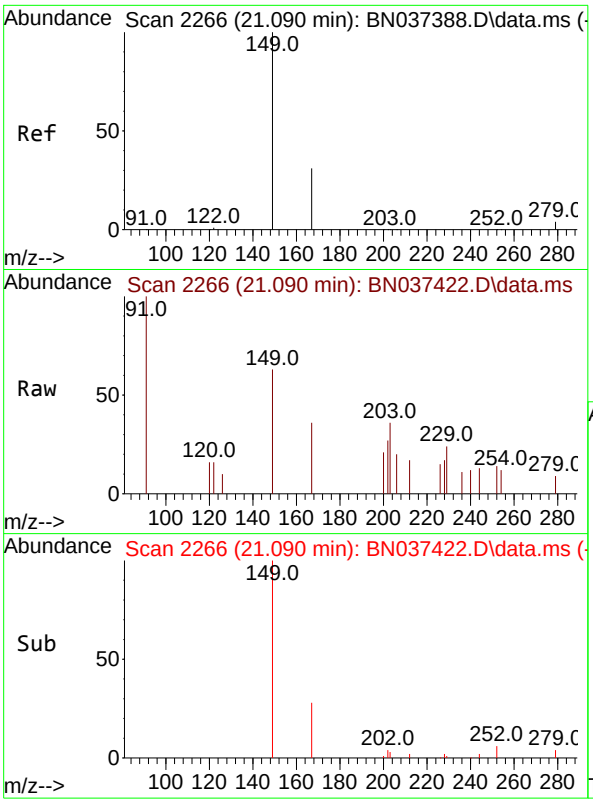


#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.607 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:244 Resp: 11400

Ion	Ratio	Lower	Upper
244	100		
212	17.3	9.1	13.7#
122	19.9	6.3	9.5#



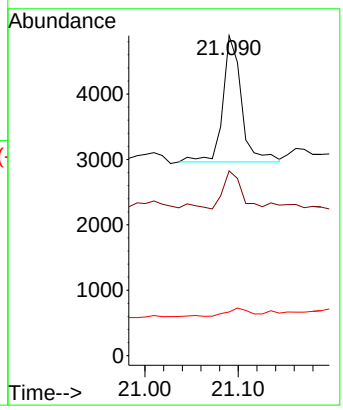


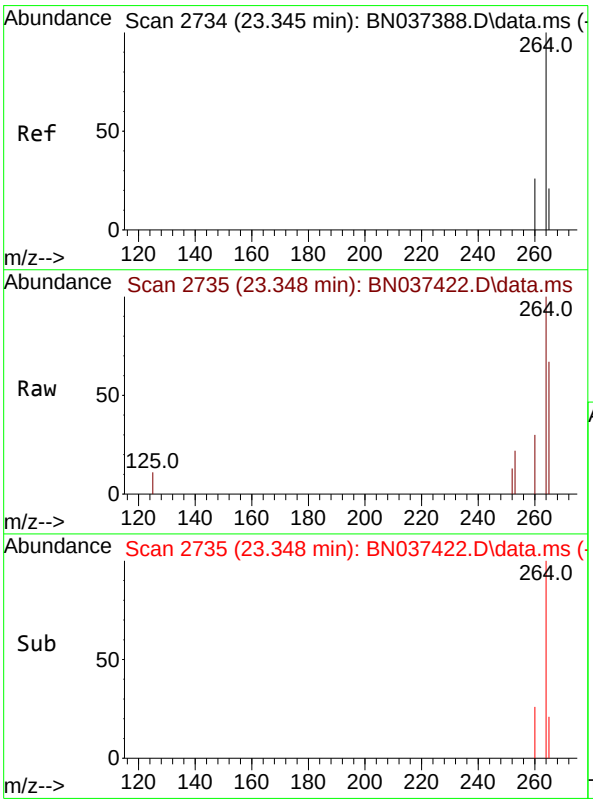
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.090 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Instrument :
BNA_N
ClientSampleId :
GAV1WRE

Tgt Ion:149 Resp: 2673

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.8	37.2
279	9.1	5.0	7.6#

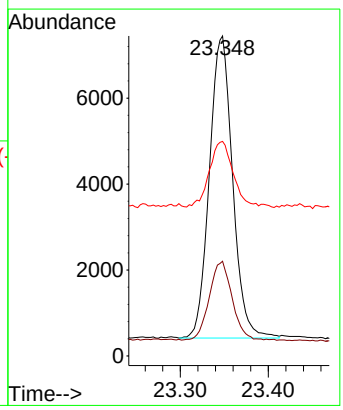




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.348 min Scan# 2735
Delta R.T. 0.003 min
Lab File: BN037422.D
Acq: 27 Jun 2025 13:10

Tgt Ion:264 Resp: 12884

Ion	Ratio	Lower	Upper
264	100		
260	29.6	21.4	32.0
265	67.0	56.2	84.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037361.D
Acq On : 20 Jun 2025 22:16
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 20 23:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

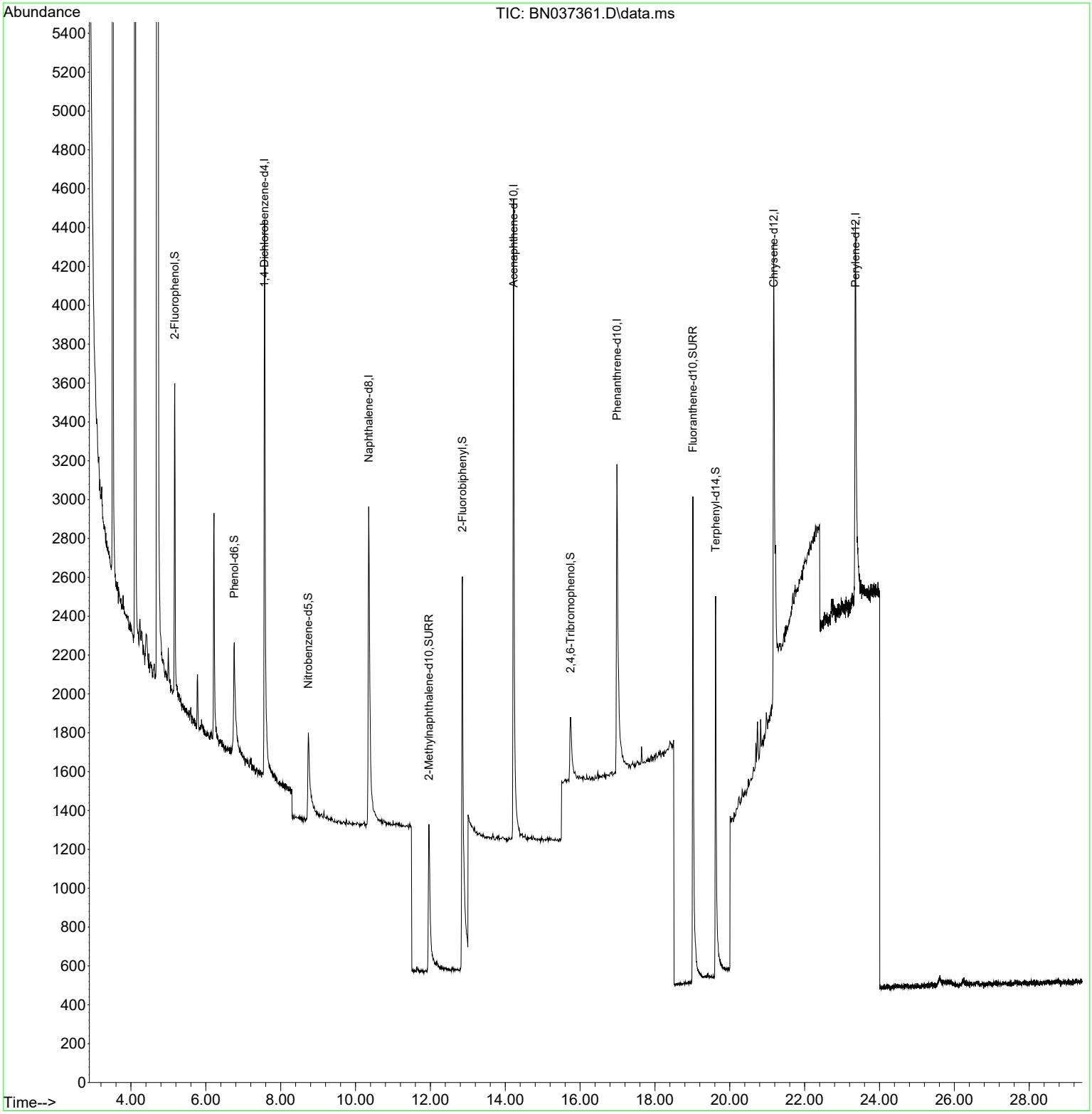
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1968	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	4045	0.400	ng	0.01
13) Acenaphthene-d10	14.224	164	2736	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4864	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4288	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	3457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1419	0.361	ng	0.00
5) Phenol-d6	6.759	99	1185	0.293	ng	0.00
8) Nitrobenzene-d5	8.739	82	978	0.299	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	2116	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.742	330	469	0.292	ng	0.02
15) 2-Fluorobiphenyl	12.853	172	3920	0.326	ng	0.02
27) Fluoranthene-d10	19.012	212	5207	0.373	ng	0.00
31) Terphenyl-d14	19.621	244	3648	0.373	ng	0.00
Target Compounds						Qvalue

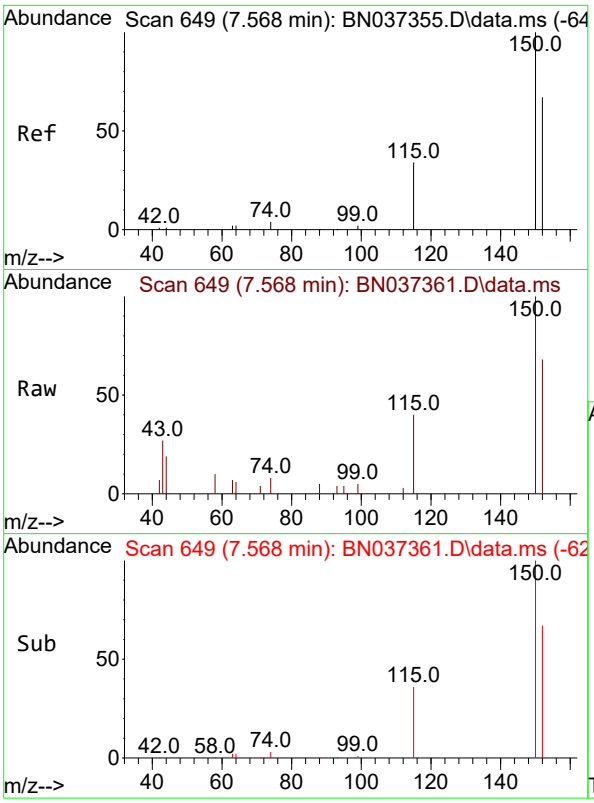
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037361.D
Acq On : 20 Jun 2025 22:16
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 20 23:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



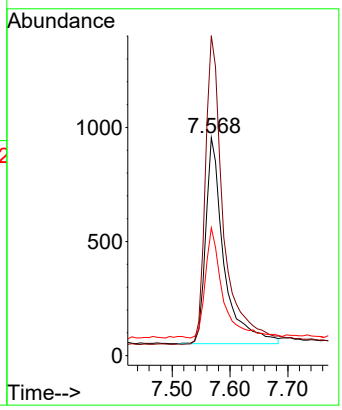


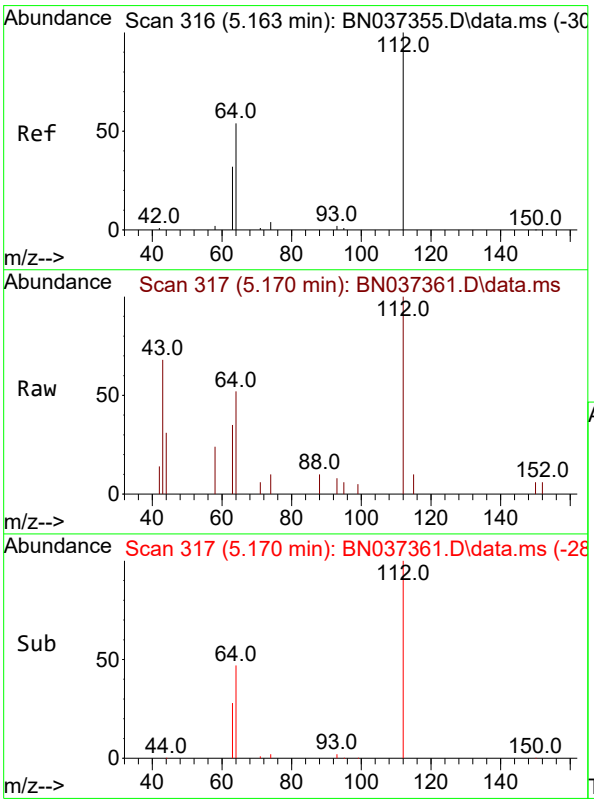
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:152 Resp: 1968

Ion	Ratio	Lower	Upper
152	100		
150	146.8	112.7	169.1
115	58.6	45.9	68.9

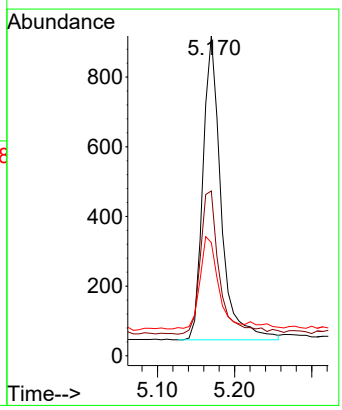


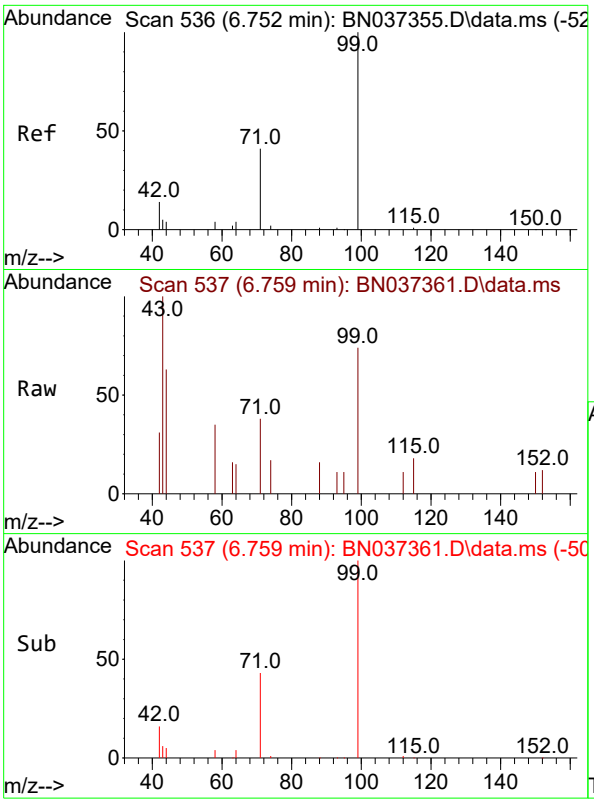


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:112 Resp: 1419

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.7	58.1
63	30.7	26.4	39.6



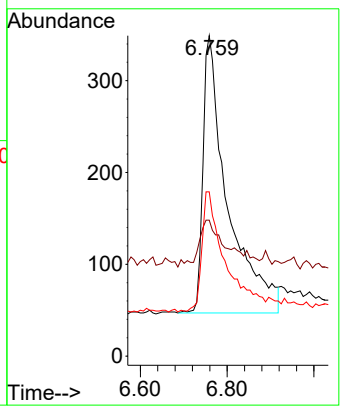


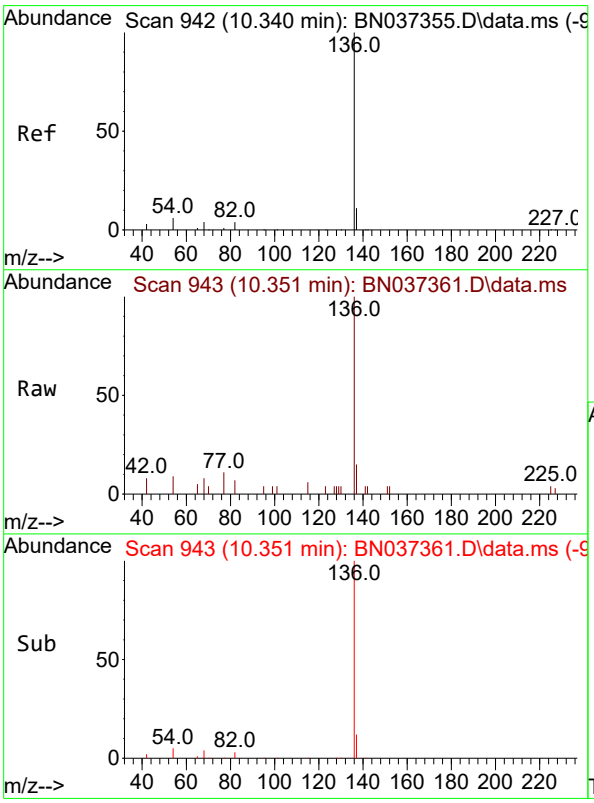
#5
Phenol-d6
Concen: 0.293 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 99 Resp: 1185

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.8	29.8#
71	40.8	42.6	64.0#

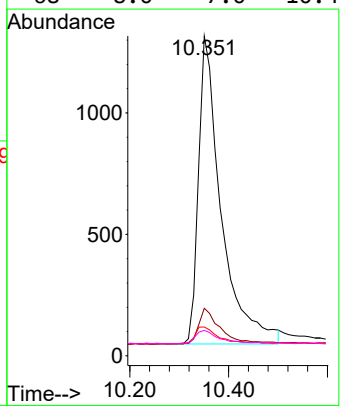


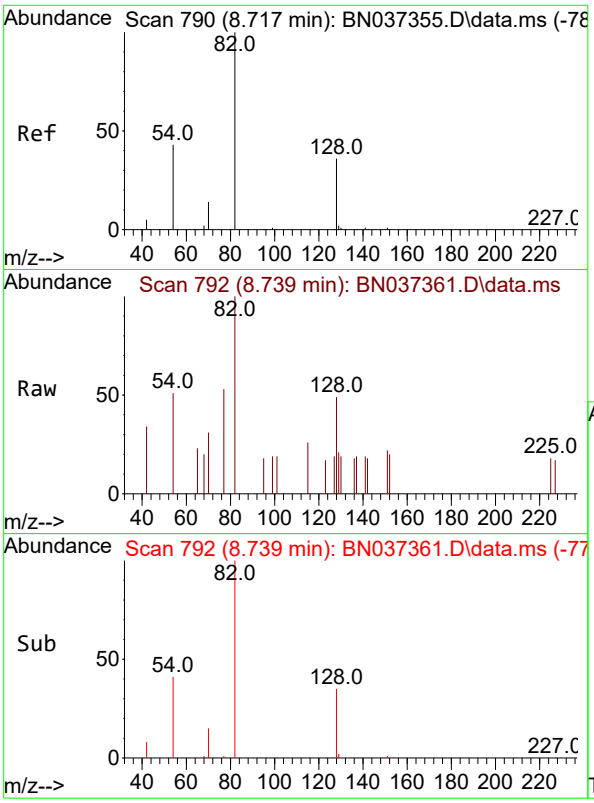


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.010 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:136 Resp: 4045

Ion	Ratio	Lower	Upper
136	100		
137	14.9	12.2	18.2
54	9.0	8.8	13.2
68	8.0	7.0	10.4



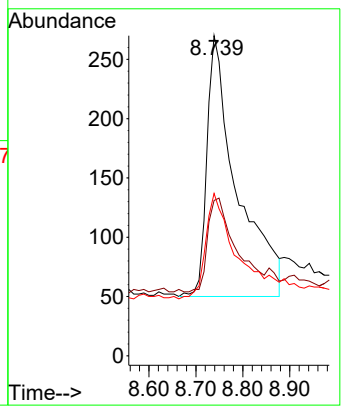


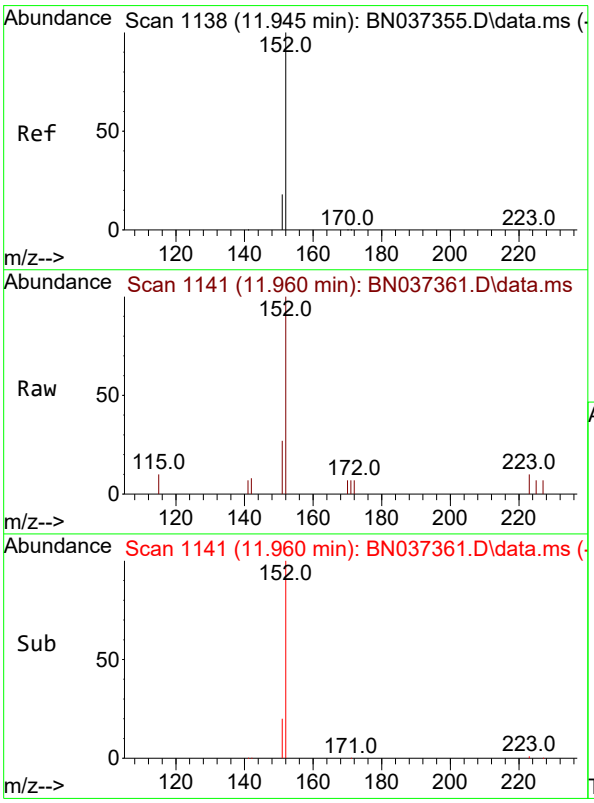
#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.739 min Scan# 7
Delta R.T. 0.021 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 82 Resp: 978

Ion	Ratio	Lower	Upper
82	100		
128	48.5	42.5	63.7
54	50.7	43.2	64.8

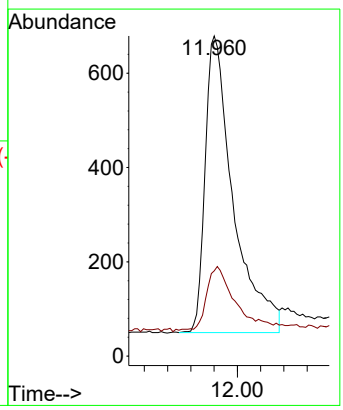


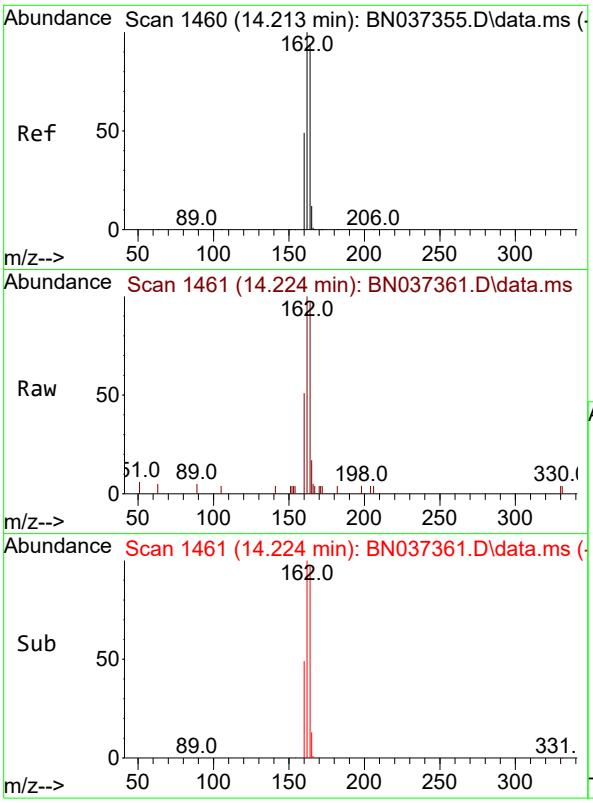


#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:152 Resp: 2116

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.4	26.0



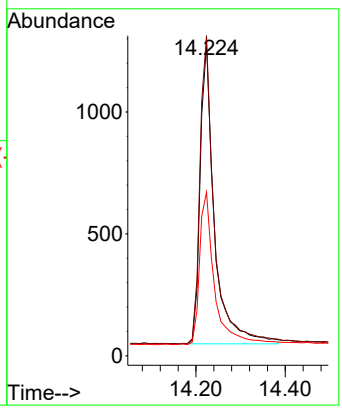


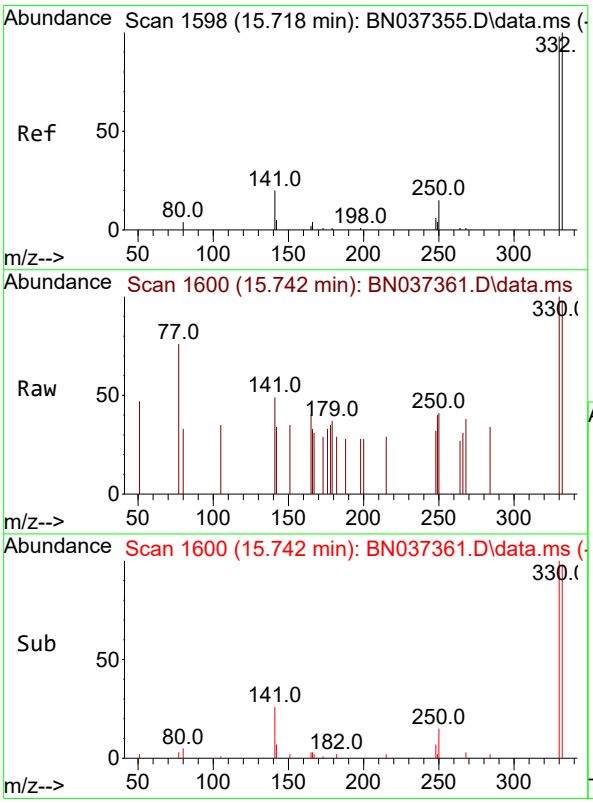
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:164 Resp: 2736

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.5	122.3
160	52.5	43.0	64.4

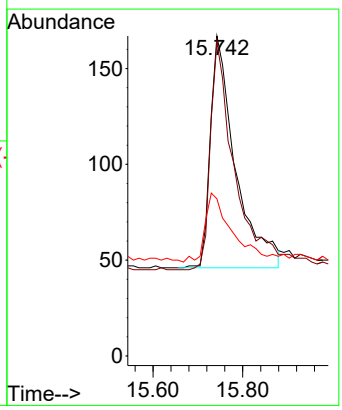


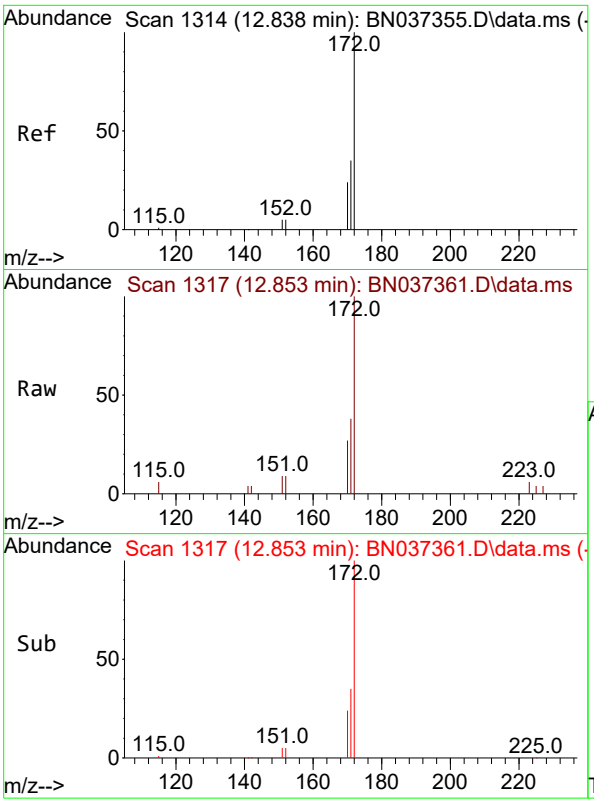


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.742 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:330 Resp: 469

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	31.3	24.4	36.6



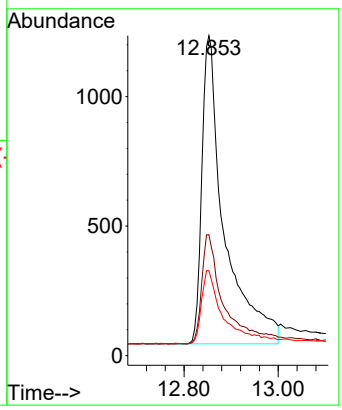


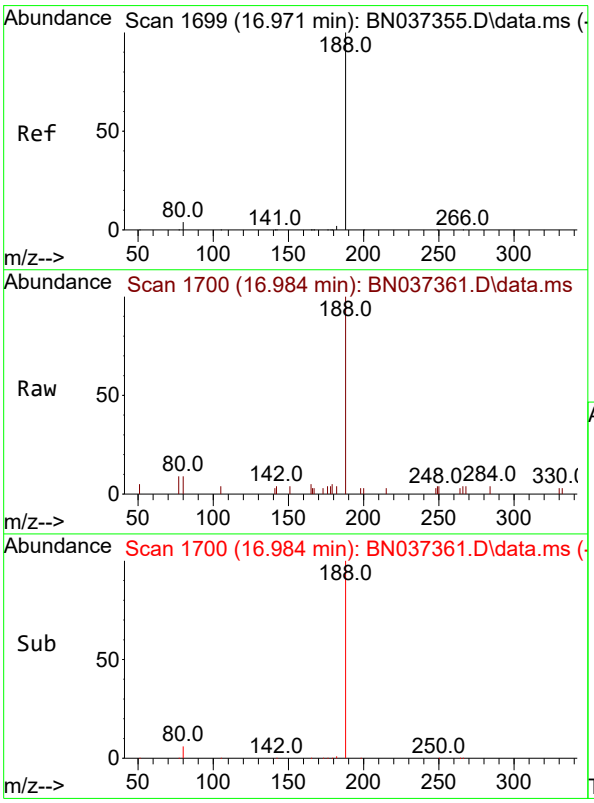
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.853 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:172 Resp: 3920

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	26.6	21.9	32.9

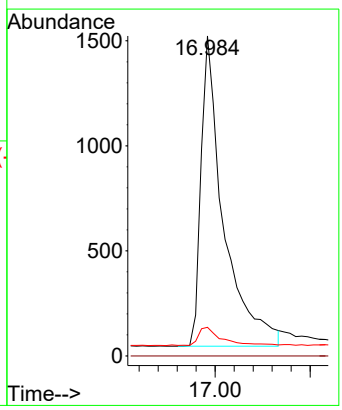


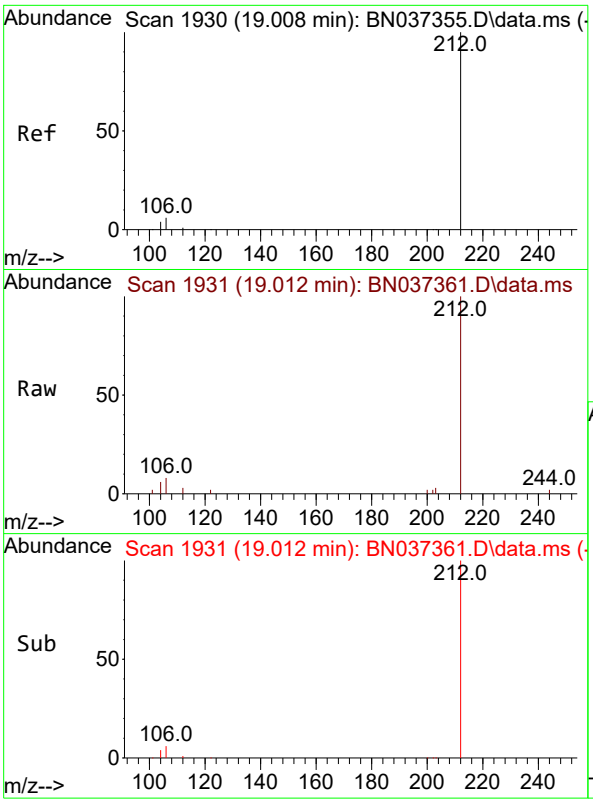


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:188 Resp: 4864

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.2	9.2



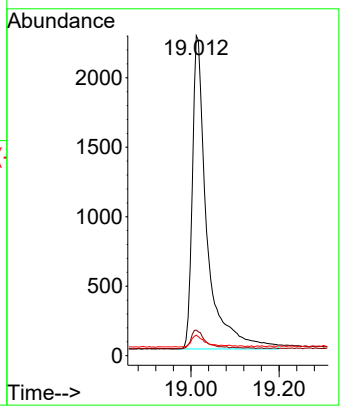


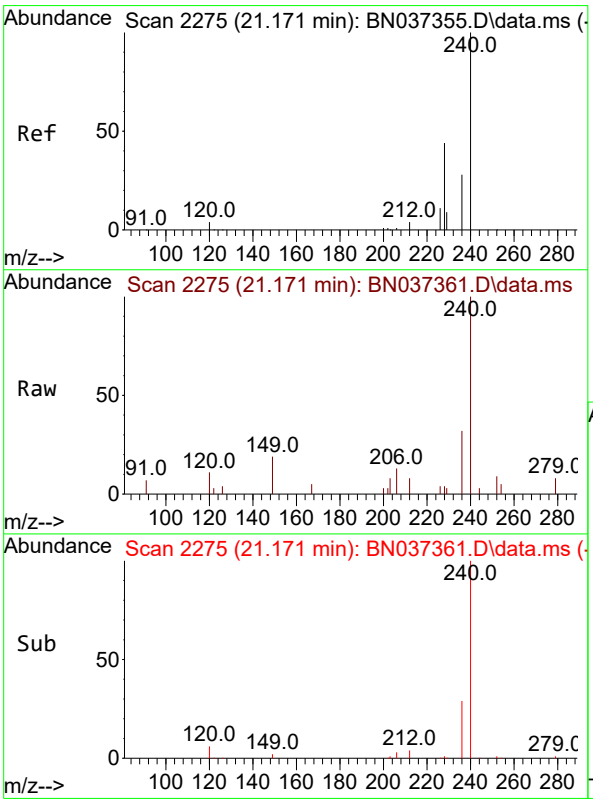
#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:212 Resp: 5207

Ion	Ratio	Lower	Upper
212	100		
106	5.8	3.0	4.4#
104	3.4	2.0	3.0#

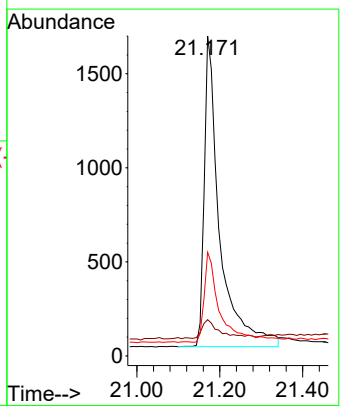


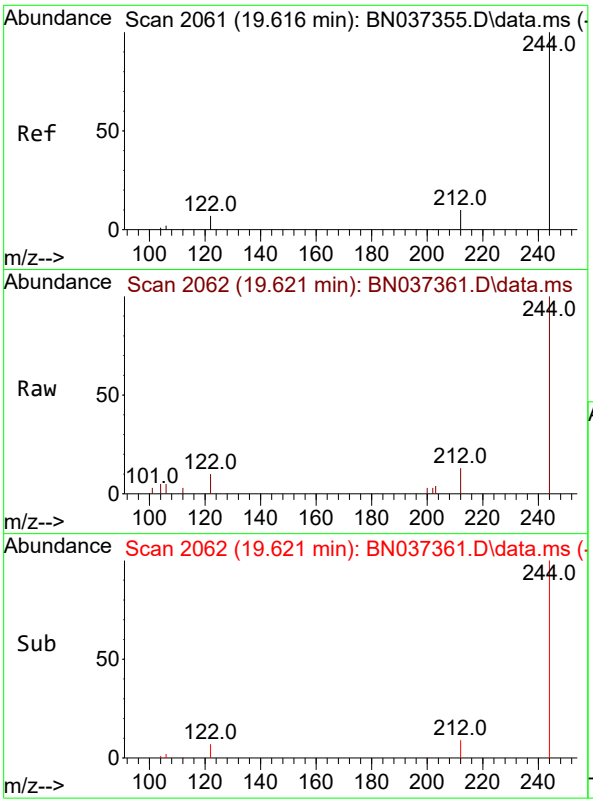


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:240 Resp: 4288

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.5	11.3#
236	32.4	24.9	37.3



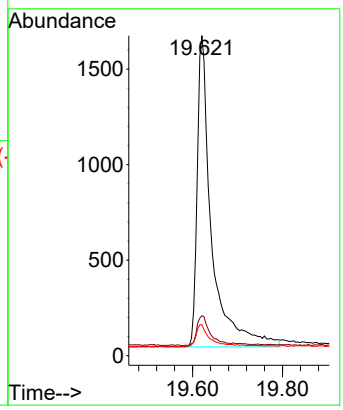


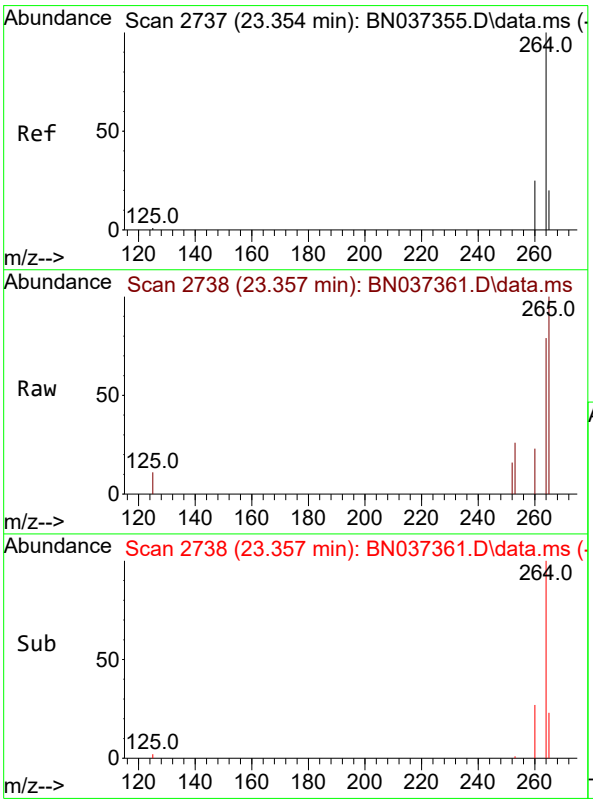
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.621 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:244 Resp: 3648

Ion	Ratio	Lower	Upper
244	100		
212	12.5	11.1	16.7
122	9.7	7.2	10.8

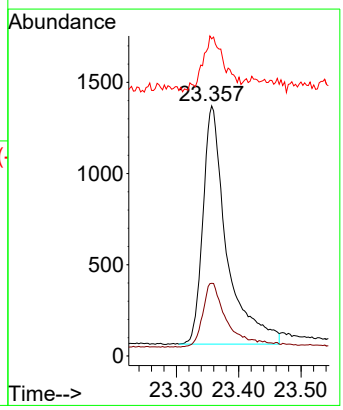




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2738
Delta R.T. 0.003 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:264 Resp: 3457

Ion	Ratio	Lower	Upper
264	100		
260	29.0	21.4	32.2
265	126.8	71.4	107.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

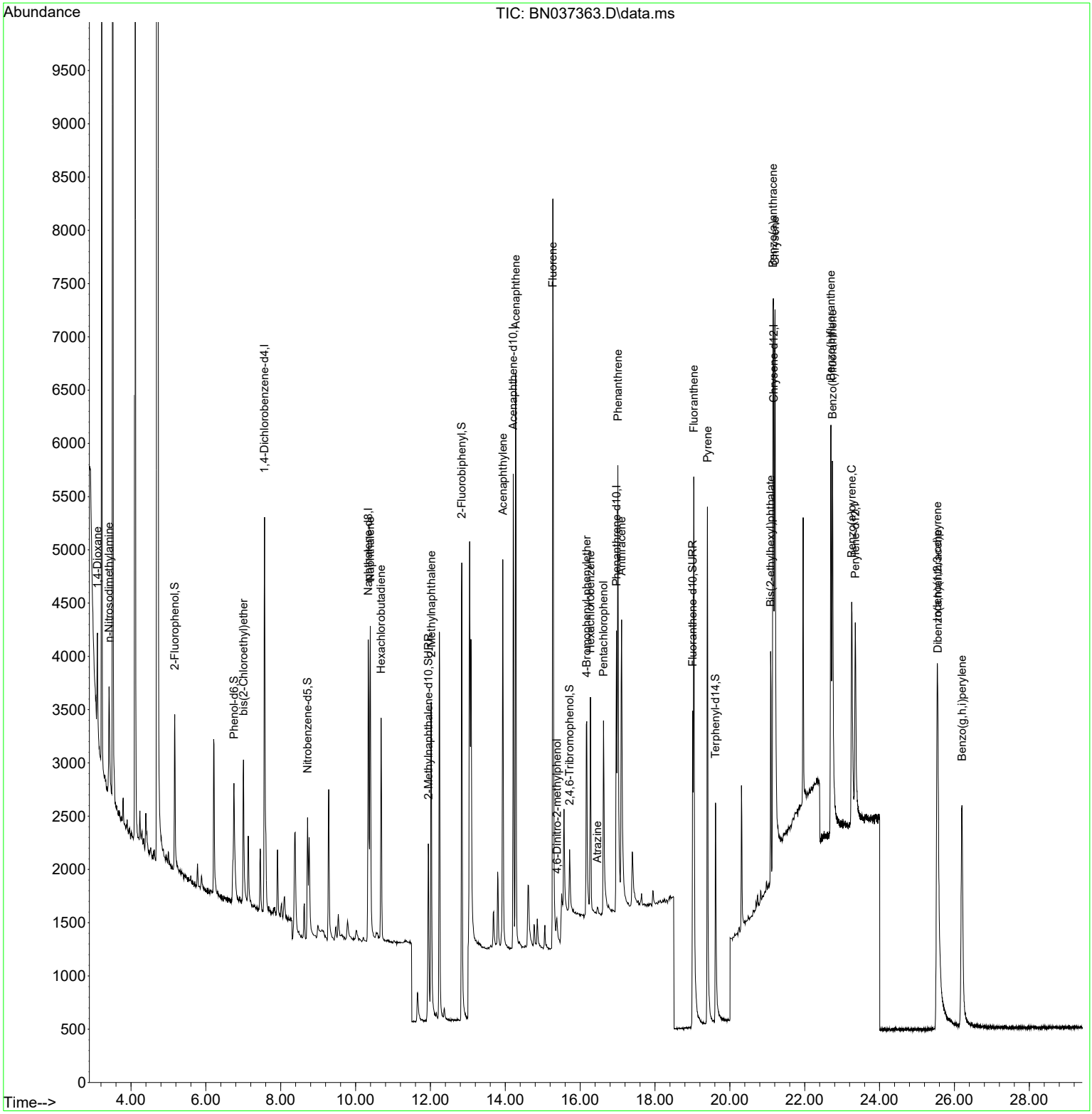
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1960	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4204	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2586	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4830	0.400	ng	0.00
29) Chrysene-d12	21.171	240	3875	0.400	ng	0.00
35) Perylene-d12	23.351	264	2749	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1356	0.346	ng	0.00
5) Phenol-d6	6.752	99	1369	0.339	ng	0.00
8) Nitrobenzene-d5	8.717	82	1246	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	3338	0.490	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	509	0.336	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	4401	0.387	ng	0.00
27) Fluoranthene-d10	19.007	212	4783	0.345	ng	0.00
31) Terphenyl-d14	19.616	244	3479	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	631	0.317	ng	# 32
3) n-Nitrosodimethylamine	3.415	42	717	0.392	ng	# 82
6) bis(2-Chloroethyl)ether	7.004	93	1334	0.373	ng	97
9) Naphthalene	10.394	128	4124	0.372	ng	# 90
10) Hexachlorobutadiene	10.682	225	1728	0.394	ng	# 99
12) 2-Methylnaphthalene	12.021	142	2530	0.327	ng	94
16) Acenaphthylene	13.935	152	4145	0.381	ng	98
17) Acenaphthene	14.277	154	2614	0.365	ng	99
18) Fluorene	15.271	166	3566	0.355	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	387	0.333	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	1258	0.366	ng	98
22) Hexachlorobenzene	16.276	284	1521	0.406	ng	99
23) Atrazine	16.462	200	89	0.032	ng	# 63
24) Pentachlorophenol	16.624	266	1322	0.709	ng	95
25) Phenanthrene	17.009	178	5063	0.362	ng	99
26) Anthracene	17.108	178	4541	0.352	ng	98
28) Fluoranthene	19.035	202	6071	0.343	ng	# 99
30) Pyrene	19.402	202	5679	0.361	ng	99
32) Benzo(a)anthracene	21.153	228	4660	0.366	ng	99
33) Chrysene	21.206	228	6398	0.414	ng	98
34) Bis(2-ethylhexyl)phtha...	21.090	149	1970	0.377	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.541	276	6014	0.488	ng	# 92
37) Benzo(b)fluoranthene	22.699	252	5246	0.519	ng	# 98
38) Benzo(k)fluoranthene	22.743	252	5910	0.539	ng	99
39) Benzo(a)pyrene	23.254	252	4418	0.487	ng	# 96
40) Dibenzo(a,h)anthracene	25.555	278	4975	0.537	ng	95
41) Benzo(g,h,i)perylene	26.201	276	5107	0.464	ng	# 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037364.D
Acq On : 21 Jun 2025 00:04
Operator : RC/JU
Sample : PB168563BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 21 00:33:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168563BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1885	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4095	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2623	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5035	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	4193	0.400	ng	0.00
35) Perylene-d12	23.354	264	4470	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1274	0.338	ng	0.00
5) Phenol-d6	6.752	99	1342	0.346	ng	0.00
8) Nitrobenzene-d5	8.717	82	1284	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	2563m	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	522	0.339	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	4574	0.397	ng	0.00
27) Fluoranthene-d10	19.007	212	5003	0.346	ng	0.00
31) Terphenyl-d14	19.616	244	3587	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	583	0.304	ng	# 36
3) n-Nitrosodimethylamine	3.415	42	653	0.372	ng	# 70
6) bis(2-Chloroethyl)ether	7.004	93	1260	0.366	ng	99
9) Naphthalene	10.394	128	4026	0.372	ng	# 89
10) Hexachlorobutadiene	10.682	225	1748	0.410	ng	# 100
12) 2-Methylnaphthalene	12.021	142	2474	0.328	ng	93
16) Acenaphthylene	13.935	152	4445	0.403	ng	98
17) Acenaphthene	14.277	154	2642	0.364	ng	98
18) Fluorene	15.271	166	3709	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	419	0.346	ng	# 81
21) 4-Bromophenyl-phenylether	16.177	248	1344	0.375	ng	96
22) Hexachlorobenzene	16.276	284	1596	0.409	ng	99
23) Atrazine	16.450	200	1011	0.354	ng	# 88
24) Pentachlorophenol	16.624	266	1337	0.688	ng	97
25) Phenanthrene	17.009	178	5370	0.368	ng	99
26) Anthracene	17.108	178	4862	0.362	ng	99
28) Fluoranthene	19.035	202	6244	0.339	ng	# 99
30) Pyrene	19.402	202	6351	0.373	ng	99
32) Benzo(a)anthracene	21.153	228	5141	0.373	ng	99
33) Chrysene	21.206	228	6472	0.387	ng	97
34) Bis(2-ethylhexyl)phtha...	21.090	149	2023	0.358	ng	96
36) Indeno(1,2,3-cd)pyrene	25.538	276	7744	0.386	ng	# 92
37) Benzo(b)fluoranthene	22.696	252	5838	0.355	ng	95
38) Benzo(k)fluoranthene	22.740	252	6945	0.389	ng	96
39) Benzo(a)pyrene	23.254	252	5888	0.399	ng	95
40) Dibenzo(a,h)anthracene	25.552	278	5912	0.392	ng	89
41) Benzo(g,h,i)perylene	26.199	276	7039	0.393	ng	96

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

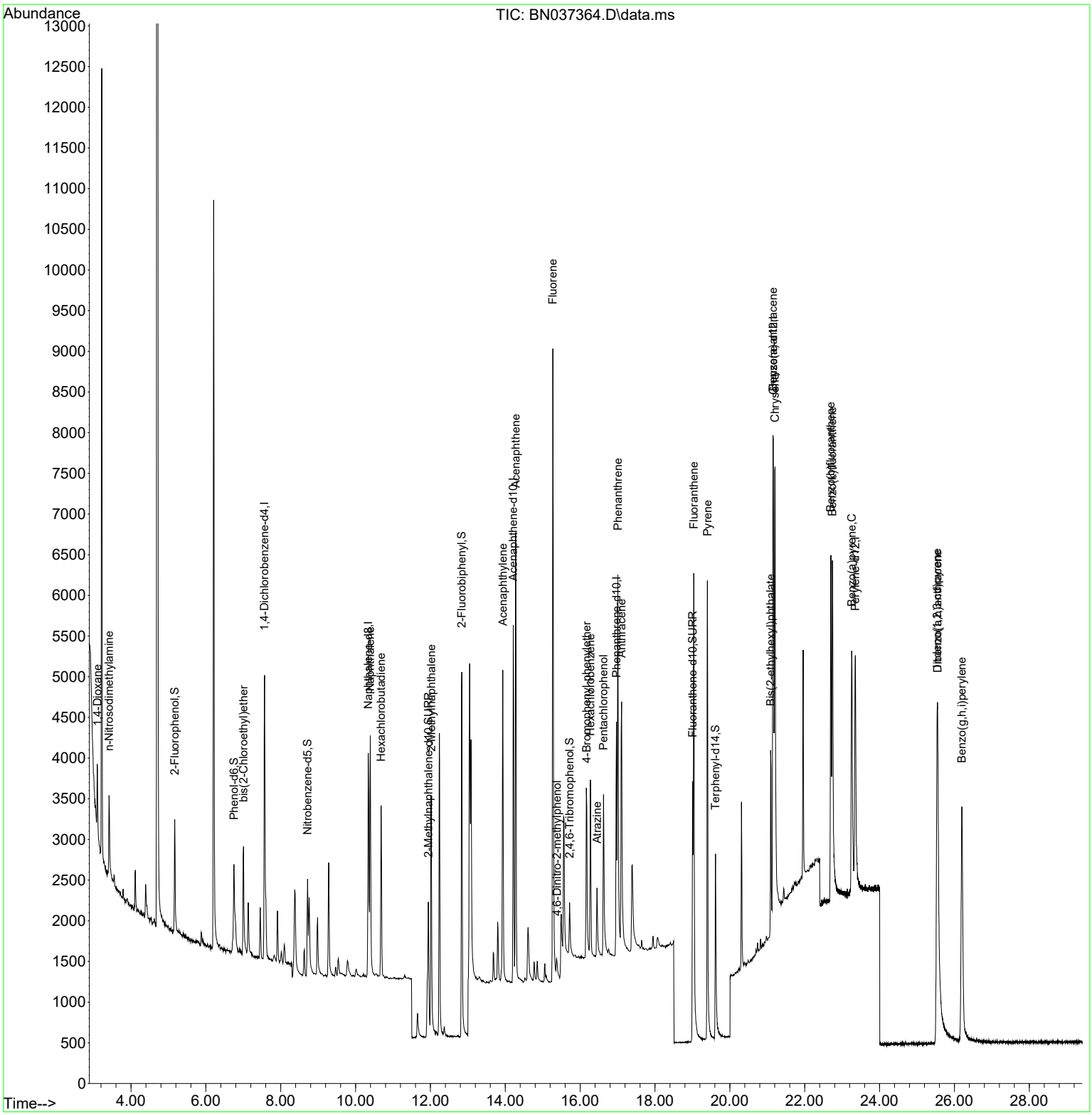
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037364.D
Acq On : 21 Jun 2025 00:04
Operator : RC/JU
Sample : PB168563BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 21 00:33:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168563BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025



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Manual Integration Report

Sequence:	BN062125	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC0.4	BN037355.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:50 PM	Jagrut	6/24/2025 3:19:09 PM	Peak Integrated by Software
SSTDICV0.4	BN037360.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:53 PM	Jagrut	6/24/2025 3:19:11 PM	Peak Integrated by Software
PB168563BSD	BN037364.D	2-Methylnaphthalene-d10	Rahul	6/23/2025 4:45:56 PM	Jagrut	6/24/2025 3:19:14 PM	Peak Integrated by Software
SSTDCCC0.4	BN037365.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:59 PM	Jagrut	6/24/2025 3:19:16 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BN062625	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.1	BN037386.D	Nitrobenzene-d5	Rahul	6/27/2025 12:01:52 PM	Jagrut	6/27/2025 12:02:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BN062725	Instrument	BNA_n

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

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062125

Review By	Rahul	Review On	6/24/2025 9:00:26 AM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:20:40 PM		
SubDirectory	BN062125	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn062125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037351.D	20 Jun 2025 15:00	RC/JU	Ok
2	SSTDCCC0.4	BN037352.D	20 Jun 2025 16:15	RC/JU	Not Ok
3	SSTDICC0.1	BN037353.D	20 Jun 2025 16:51	RC/JU	Ok
4	SSTDICC0.2	BN037354.D	20 Jun 2025 17:27	RC/JU	Ok
5	SSTDICCC0.4	BN037355.D	20 Jun 2025 18:03	RC/JU	Ok,M
6	SSTDICC0.8	BN037356.D	20 Jun 2025 18:39	RC/JU	Ok
7	SSTDICC1.6	BN037357.D	20 Jun 2025 19:15	RC/JU	Ok
8	SSTDICC3.2	BN037358.D	20 Jun 2025 19:51	RC/JU	Ok
9	SSTDICC5.0	BN037359.D	20 Jun 2025 20:27	RC/JU	Ok
10	SSTDICV0.4	BN037360.D	20 Jun 2025 21:39	RC/JU	Ok,M
11	PB168563BL	BN037361.D	20 Jun 2025 22:16	RC/JU	Ok
12	Q2377-01	BN037362.D	20 Jun 2025 22:52	RC/JU	Ok
13	PB168563BS	BN037363.D	20 Jun 2025 23:28	RC/JU	Ok
14	PB168563BSD	BN037364.D	21 Jun 2025 00:04	RC/JU	Ok,M
15	SSTDCCC0.4	BN037365.D	21 Jun 2025 01:17	RC/JU	Ok,M

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062625

Review By	Rahul	Review On	6/27/2025 12:02:17 PM		
Supervise By	Jagrut	Supervise On	6/27/2025 12:02:52 PM		
SubDirectory	BN062625	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037385.D	26 Jun 2025 10:01	RC/JU	Ok
2	SSTDICC0.1	BN037386.D	26 Jun 2025 10:41	RC/JU	Ok,M
3	SSTDICC0.2	BN037387.D	26 Jun 2025 11:17	RC/JU	Ok
4	SSTDICCC0.4	BN037388.D	26 Jun 2025 11:53	RC/JU	Ok
5	SSTDICC0.8	BN037389.D	26 Jun 2025 12:29	RC/JU	Ok
6	SSTDICC1.6	BN037390.D	26 Jun 2025 13:05	RC/JU	Ok
7	SSTDICC3.2	BN037391.D	26 Jun 2025 13:41	RC/JU	Ok
8	SSTDICC5.0	BN037392.D	26 Jun 2025 14:17	RC/JU	Ok
9	SSTDICV0.4	BN037393.D	26 Jun 2025 14:54	RC/JU	Ok
10	PB168563BL	BN037394.D	26 Jun 2025 15:30	RC/JU	Not Ok
11	Q2345-01	BN037395.D	26 Jun 2025 16:06	RC/JU	Ok,M
12	Q2345-13	BN037396.D	26 Jun 2025 16:42	RC/JU	Dilution
13	Q2345-14	BN037397.D	26 Jun 2025 17:18	RC/JU	Ok
14	Q2345-15	BN037398.D	26 Jun 2025 17:54	RC/JU	Ok
15	Q2345-16	BN037399.D	26 Jun 2025 18:30	RC/JU	Ok
16	Q2361-01	BN037400.D	26 Jun 2025 19:06	RC/JU	Ok
17	SSTDCCC0.4	BN037401.D	26 Jun 2025 19:42	RC/JU	Ok
18	DFTPP	BN037402.D	26 Jun 2025 20:19	RC/JU	Ok
19	SSTDCCC0.4	BN037403.D	26 Jun 2025 21:38	RC/JU	Ok
20	PB167430BL	BN037404.D	26 Jun 2025 22:14	RC/JU	Ok
21	Q2372-01	BN037405.D	26 Jun 2025 22:50	RC/JU	ReRun

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062625

Review By	Rahul	Review On	6/27/2025 12:02:17 PM		
Supervise By	Jagrut	Supervise On	6/27/2025 12:02:52 PM		
SubDirectory	BN062625	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2373-01	BN037406.D	26 Jun 2025 23:27	RC/JU	Not Ok
23	Q2373-02	BN037407.D	27 Jun 2025 00:03	RC/JU	Ok
24	Q2373-03	BN037408.D	27 Jun 2025 00:40	RC/JU	Ok
25	Q2374-01	BN037409.D	27 Jun 2025 01:16	RC/JU	Ok
26	Q2374-02	BN037410.D	27 Jun 2025 01:52	RC/JU	Ok
27	Q2374-03	BN037411.D	27 Jun 2025 02:29	RC/JU	Ok
28	Q2374-04	BN037412.D	27 Jun 2025 03:05	RC/JU	Ok
29	Q2375-01	BN037413.D	27 Jun 2025 03:41	RC/JU	Ok
30	Q2375-02	BN037414.D	27 Jun 2025 04:18	RC/JU	Ok
31	SSTDCCC0.4	BN037415.D	27 Jun 2025 04:54	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062725

Review By	Rahul	Review On	6/30/2025 10:03:16 AM		
Supervise By	Yogesh	Supervise On	6/30/2025 6:35:12 PM		
SubDirectory	BN062725	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848`
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037416.D	27 Jun 2025 09:30	RC/JU	Ok
2	SSTDCCC0.4	BN037417.D	27 Jun 2025 10:09	RC/JU	Ok
3	PB168563BL	BN037418.D	27 Jun 2025 10:45	RC/JU	Not Ok
4	Q2345-13DL	BN037419.D	27 Jun 2025 11:21	RC/JU	Ok
5	Q2373-01	BN037420.D	27 Jun 2025 11:57	RC/JU	Dilution
6	Q2373-01DL	BN037421.D	27 Jun 2025 12:34	RC/JU	Ok
7	Q2372-01RE	BN037422.D	27 Jun 2025 13:10	RC/JU	Confirms
8	SSTDCCC0.4	BN037423.D	27 Jun 2025 15:34	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062125

Review By	Rahul	Review On	6/24/2025 9:00:26 AM	
Supervise By	Jagrut	Supervise On	6/24/2025 3:20:40 PM	
SubDirectory	BN062125	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn062125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037351.D	20 Jun 2025 15:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037352.D	20 Jun 2025 16:15	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037353.D	20 Jun 2025 16:51		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037354.D	20 Jun 2025 17:27		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037355.D	20 Jun 2025 18:03	Calibration is good for DOD and nondod	RC/JU	Ok,M
6	SSTDICC0.8	SSTDICC0.8	BN037356.D	20 Jun 2025 18:39		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037357.D	20 Jun 2025 19:15		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037358.D	20 Jun 2025 19:51		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037359.D	20 Jun 2025 20:27		RC/JU	Ok
10	SSTDICV0.4	ICVBN062125	BN037360.D	20 Jun 2025 21:39		RC/JU	Ok,M
11	PB168563BL	PB168563BL	BN037361.D	20 Jun 2025 22:16		RC/JU	Ok
12	Q2377-01	PW-B6-L66-061925	BN037362.D	20 Jun 2025 22:52		RC/JU	Ok
13	PB168563BS	PB168563BS	BN037363.D	20 Jun 2025 23:28		RC/JU	Ok
14	PB168563BSD	PB168563BSD	BN037364.D	21 Jun 2025 00:04		RC/JU	Ok,M
15	SSTDCCC0.4	SSTDCCC0.4EC	BN037365.D	21 Jun 2025 01:17		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062625

Review By	Rahul	Review On	6/27/2025 12:02:17 PM	
Supervise By	Jagrut	Supervise On	6/27/2025 12:02:52 PM	
SubDirectory	BN062625	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037385.D	26 Jun 2025 10:01		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN037386.D	26 Jun 2025 10:41		RC/JU	Ok,M
3	SSTDICC0.2	SSTDICC0.2	BN037387.D	26 Jun 2025 11:17		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN037388.D	26 Jun 2025 11:53		RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037389.D	26 Jun 2025 12:29		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037390.D	26 Jun 2025 13:05		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037391.D	26 Jun 2025 13:41		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037392.D	26 Jun 2025 14:17		RC/JU	Ok
9	SSTDICV0.4	ICVBN062625	BN037393.D	26 Jun 2025 14:54		RC/JU	Ok
10	PB168563BL	PB168563BL	BN037394.D	26 Jun 2025 15:30	Not Used	RC/JU	Not Ok
11	Q2345-01	EB02-20250616	BN037395.D	26 Jun 2025 16:06		RC/JU	Ok,M
12	Q2345-13	TT189D2-20250617	BN037396.D	26 Jun 2025 16:42	Need 2X dilutiion	RC/JU	Dilution
13	Q2345-14	TT150S1-20250617	BN037397.D	26 Jun 2025 17:18		RC/JU	Ok
14	Q2345-15	RW8-MW01D1-202506	BN037398.D	26 Jun 2025 17:54		RC/JU	Ok
15	Q2345-16	TT192D2-20250617	BN037399.D	26 Jun 2025 18:30		RC/JU	Ok
16	Q2361-01	TT205S1-20250617	BN037400.D	26 Jun 2025 19:06		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4EC	BN037401.D	26 Jun 2025 19:42		RC/JU	Ok
18	DFTPP	DFTPP	BN037402.D	26 Jun 2025 20:19		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062625

Review By	Rahul	Review On	6/27/2025 12:02:17 PM	
Supervise By	Jagrut	Supervise On	6/27/2025 12:02:52 PM	
SubDirectory	BN062625	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC0.4	SSTDCCC0.4	BN037403.D	26 Jun 2025 21:38		RC/JU	Ok
20	PB167430BL	PB167430BL	BN037404.D	26 Jun 2025 22:14	Analyzed for contamination check	RC/JU	Ok
21	Q2372-01	GAV1W	BN037405.D	26 Jun 2025 22:50	Internal standard fail	RC/JU	ReRun
22	Q2373-01	RW5-SP100-20250619	BN037406.D	26 Jun 2025 23:27	Internal standard fail & Need 2X Dilution	RC/JU	Not Ok
23	Q2373-02	RW5-SP201-20250619	BN037407.D	27 Jun 2025 00:03		RC/JU	Ok
24	Q2373-03	RW5-SP303-20250619	BN037408.D	27 Jun 2025 00:40		RC/JU	Ok
25	Q2374-01	RW7-SP100-20250619	BN037409.D	27 Jun 2025 01:16		RC/JU	Ok
26	Q2374-02	RW7-SP201-20250619	BN037410.D	27 Jun 2025 01:52		RC/JU	Ok
27	Q2374-03	RW7-SP302-20250619	BN037411.D	27 Jun 2025 02:29		RC/JU	Ok
28	Q2374-04	RW7-SP303-20250619	BN037412.D	27 Jun 2025 03:05		RC/JU	Ok
29	Q2375-01	RW8-SP100-20250619	BN037413.D	27 Jun 2025 03:41		RC/JU	Ok
30	Q2375-02	RW8-SP303-20250619	BN037414.D	27 Jun 2025 04:18		RC/JU	Ok
31	SSTDCCC0.4	SSTDCCC0.4EC	BN037415.D	27 Jun 2025 04:54		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062725

Review By	Rahul	Review On	6/30/2025 10:03:16 AM	
Supervise By	Yogesh	Supervise On	6/30/2025 6:35:12 PM	
SubDirectory	BN062725	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn062625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848`
CCC	SP6846
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037416.D	27 Jun 2025 09:30		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037417.D	27 Jun 2025 10:09		RC/JU	Ok
3	PB168563BL	PB168563BL	BN037418.D	27 Jun 2025 10:45	Analyzed for contamination check	RC/JU	Not Ok
4	Q2345-13DL	TT189D2-20250617DL	BN037419.D	27 Jun 2025 11:21		RC/JU	Ok
5	Q2373-01	RW5-SP100-20250619	BN037420.D	27 Jun 2025 11:57	Need 2X dilutiion	RC/JU	Dilution
6	Q2373-01DL	RW5-SP100-20250619	BN037421.D	27 Jun 2025 12:34		RC/JU	Ok
7	Q2372-01RE	GAV1WRE	BN037422.D	27 Jun 2025 13:10	Internal Standard Fail	RC/JU	Confirms
8	SSTDCCC0.4	SSTDCCC0.4EC	BN037423.D	27 Jun 2025 15:34		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168563

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/20/2025
Matrix :	Water			**Extraction Start Time :**	09:32
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/20/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6831
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	E3943
Baked Na2SO4	N/A	EP2622
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH. Q2373,Q2374,Q2375 & Q2377 all samples added at 12:03 P.M.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/20/25	RS (EC4 Lab)	RC/SVOC
16:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168563

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 06/20/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168563BL	SBLK563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB168563BS	SLCS563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
PB168563BSD	SLCSD563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			3
Q2345-01	EB02-20250616	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		4
Q2345-13	TT189D2-2050617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		5
Q2345-14	TT150S1-2050617	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		6
Q2345-15	RW8-MW01D1-20250617	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		7
Q2345-16	TT192D2-2050617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		8
Q2361-01	TT205S1-20250617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		9
Q2372-01	GAV1W	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	E		10
Q2373-01	RW5-SP100-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			11
Q2373-02	RW5-SP201-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			12
Q2373-03	RW5-SP303-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			13
Q2374-01	RW7-SP100-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			14
Q2374-02	RW7-SP201-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			15
Q2374-03	RW7-SP302-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			16
Q2374-04	RW7-SP303-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
Q2375-01	RW8-SP100-20250619	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	D		2
Q2375-02	RW8-SP303-20250619	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	D		3
Q2377-01	PW-B6-L66-061925	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	D		4

RS 6/20

* **Extracts relinguished on the same date as received.**

168567
9:32

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2361 **WorkList ID :** 190289 **Department :** Extraction **Date :** 06-20-2025 09:26:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2345-01	EB02-20250616	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/16/2025	8270-Modified
Q2345-13	TT189D2-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-14	TT150S1-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-15	RW8-MW01D1-20250617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-16	TT192D2-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2361-01	TT205S1-20250617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D51	06/17/2025	8270-Modified
Q2372-01	GAV1W	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	D51	06/19/2025	8270-Modified

Date/Time 6/20/25 9:27
Raw Sample Received by: RS (Ext (96))
Raw Sample Relinquished by:

Date/Time 6/20/25 10:10
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext (96))

168567

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2373 **WorkList ID :** 190300 **Department :** Extraction **Date :** 06-20-2025 12:02:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2373-01	RW5-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2373-02	RW5-SP201-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2373-03	RW5-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-01	RW7-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-02	RW7-SP201-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-03	RW7-SP302-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-04	RW7-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2375-01	RW8-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2375-02	RW8-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2377-01	PW-B6-L66-061925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D51	06/19/2025	8270-Modified

Date/Time 6/20/25 12:03
Raw Sample Received by: RS (EXT-(gb)
Raw Sample Relinquished by:

Date/Time 6/20/25 12:35
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-(gb)

K J I H G F E D C B A

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

LAB CHRONICLE

OrderID:	Q2372	**OrderDate:**	6/19/2025 2:53:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	**GAV1W**	**Water**			**06/19/25**			**06/19/25**
			SVOCMS Group2	8270E		06/24/25	06/24/25	
			SVOC-SIMGroup1	8270-Modified		06/20/25	06/26/25	
Q2372-01RE	**GAV1WRE**	**Water**			**06/19/25**			**06/19/25**
			SVOC-SIMGroup1	8270-Modified		06/20/25	06/27/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2372 **Order ID:** Q2372

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : GAV1W								
Q2372-01	GAV1W	Water	Aluminum	96800		5.67	50.0	ug/L
Q2372-01	GAV1W	Water	Antimony	49.9		3.38	25.0	ug/L
Q2372-01	GAV1W	Water	Arsenic	74.8		2.56	10.0	ug/L
Q2372-01	GAV1W	Water	Barium	2280		7.28	50.0	ug/L
Q2372-01	GAV1W	Water	Beryllium	5.23		0.28	3.00	ug/L
Q2372-01	GAV1W	Water	Cadmium	54.9		0.25	3.00	ug/L
Q2372-01	GAV1W	Water	Calcium	243000		117	1000	ug/L
Q2372-01	GAV1W	Water	Chromium	2340		1.06	5.00	ug/L
Q2372-01	GAV1W	Water	Cobalt	89.6		1.13	15.0	ug/L
Q2372-01	GAV1W	Water	Copper	1410		2.30	10.0	ug/L
Q2372-01	GAV1W	Water	Iron	90900		11.7	50.0	ug/L
Q2372-01	GAV1W	Water	Lead	4060		1.15	6.00	ug/L
Q2372-01	GAV1W	Water	Magnesium	70600		122	1000	ug/L
Q2372-01	GAV1W	Water	Manganese	3730		2.97	10.0	ug/L
Q2372-01	GAV1W	Water	Mercury	7.07		0.076	0.20	ug/L
Q2372-01	GAV1W	Water	Nickel	4310		1.53	20.0	ug/L
Q2372-01	GAV1W	Water	Potassium	43300		459	1000	ug/L
Q2372-01	GAV1W	Water	Selenium	27.7		4.82	10.0	ug/L
Q2372-01	GAV1W	Water	Sodium	132000		434	1000	ug/L
Q2372-01	GAV1W	Water	Vanadium	178		3.13	20.0	ug/L
Q2372-01	GAV1W	Water	Zinc	5450		1.75	20.0	ug/L
Client ID : GAV2W								
Q2372-02	GAV2W	Water	Aluminum	161000		5.67	50.0	ug/L
Q2372-02	GAV2W	Water	Antimony	70.7		3.38	25.0	ug/L
Q2372-02	GAV2W	Water	Arsenic	75.1		2.56	10.0	ug/L
Q2372-02	GAV2W	Water	Barium	1910		7.28	50.0	ug/L
Q2372-02	GAV2W	Water	Beryllium	9.60		0.28	3.00	ug/L
Q2372-02	GAV2W	Water	Cadmium	198		0.25	3.00	ug/L
Q2372-02	GAV2W	Water	Calcium	115000		117	1000	ug/L
Q2372-02	GAV2W	Water	Chromium	3740		1.06	5.00	ug/L
Q2372-02	GAV2W	Water	Cobalt	167		1.13	15.0	ug/L
Q2372-02	GAV2W	Water	Copper	3310		2.30	10.0	ug/L
Q2372-02	GAV2W	Water	Iron	164000		11.7	50.0	ug/L
Q2372-02	GAV2W	Water	Lead	10100		1.15	6.00	ug/L
Q2372-02	GAV2W	Water	Magnesium	54700		122	1000	ug/L
Q2372-02	GAV2W	Water	Manganese	3310		2.97	10.0	ug/L
Q2372-02	GAV2W	Water	Mercury	2.71		0.076	0.20	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2372 **Order ID:** Q2372

Client: G Environmental **Project ID:** Ave B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2372-02	GAV2W	Water	Nickel	5870		1.53	20.0	ug/L
Q2372-02	GAV2W	Water	Potassium	46200		459	1000	ug/L
Q2372-02	GAV2W	Water	Selenium	56.2		4.82	10.0	ug/L
Q2372-02	GAV2W	Water	Sodium	35200		434	1000	ug/L
Q2372-02	GAV2W	Water	Thallium	7.83	J	2.19	20.0	ug/L
Q2372-02	GAV2W	Water	Vanadium	295		3.13	20.0	ug/L
Q2372-02	GAV2W	Water	Zinc	43900	D	175	2000	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:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	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	96800		1	5.67	50.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-36-0	Antimony	49.9		1	3.38	25.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-38-2	Arsenic	74.8		1	2.56	10.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-39-3	Barium	2280		1	7.28	50.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-41-7	Beryllium	5.23		1	0.28	3.00	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-43-9	Cadmium	54.9		1	0.25	3.00	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-70-2	Calcium	243000		1	117	1000	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-47-3	Chromium	2340		1	1.06	5.00	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-48-4	Cobalt	89.6		1	1.13	15.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-50-8	Copper	1410		1	2.30	10.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7439-89-6	Iron	90900		1	11.7	50.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7439-92-1	Lead	4060		1	1.15	6.00	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7439-95-4	Magnesium	70600		1	122	1000	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7439-96-5	Manganese	3730		1	2.97	10.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7439-97-6	Mercury	7.07	N	1	0.076	0.20	ug/L	06/20/25 15:15	06/23/25 13:37	7470A	
7440-02-0	Nickel	4310		1	1.53	20.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-09-7	Potassium	43300		1	459	1000	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7782-49-2	Selenium	27.7		1	4.82	10.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-23-5	Sodium	132000		1	434	1000	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-62-2	Vanadium	178		1	3.13	20.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010
7440-66-6	Zinc	5450		1	1.75	20.0	ug/L	06/23/25 10:31	06/24/25 21:38	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	ligh Btrown	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

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
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV2W	SDG No.:	Q2372
Lab Sample ID:	Q2372-02	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	161000		1	5.67	50.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-36-0	Antimony	70.7		1	3.38	25.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-38-2	Arsenic	75.1		1	2.56	10.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-39-3	Barium	1910		1	7.28	50.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-41-7	Beryllium	9.60		1	0.28	3.00	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-43-9	Cadmium	198		1	0.25	3.00	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-70-2	Calcium	115000		1	117	1000	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-47-3	Chromium	3740		1	1.06	5.00	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-48-4	Cobalt	167		1	1.13	15.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-50-8	Copper	3310		1	2.30	10.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7439-89-6	Iron	164000		1	11.7	50.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7439-92-1	Lead	10100		1	1.15	6.00	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7439-95-4	Magnesium	54700		1	122	1000	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7439-96-5	Manganese	3310		1	2.97	10.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7439-97-6	Mercury	2.71	N	1	0.076	0.20	ug/L	06/20/25 15:15	06/23/25 13:39	7470A	
7440-02-0	Nickel	5870		1	1.53	20.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-09-7	Potassium	46200		1	459	1000	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7782-49-2	Selenium	56.2		1	4.82	10.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-23-5	Sodium	35200		1	434	1000	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-28-0	Thallium	7.83	J	1	2.19	20.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-62-2	Vanadium	295		1	3.13	20.0	ug/L	06/23/25 10:31	06/24/25 21:42	6010D	SW3010
7440-66-6	Zinc	43900	D	100	175	2000	ug/L	06/23/25 10:31	06/24/25 23:41	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	12:30	LB136227

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	12:35	LB136227
CCB02	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	13:05	LB136227
CCB03	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	13:32	LB136227
CCB04	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	13:53	LB136227
CCB05	Mercury	0.076	+/-0.2	U	0.20	CV	06/23/2025	14:22	LB136227

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	14.8	+/-50	J	100	P	06/24/2025	19:08	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	19:08	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	19:08	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	19:08	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	19:08	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	19:08	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	19:08	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	19:08	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	19:08	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	19:08	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	19:08	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	19:08	LB136255
	Magnesium	244	+/-1000	U	2000	P	06/24/2025	19:08	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	19:08	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	19:08	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	19:08	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	19:08	LB136255
	Silver	1.62	+/-5	U	10.0	P	06/24/2025	19:08	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	19:08	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	19:08	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	19:08	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	19:08	LB136255

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/24/2025	19:39	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	19:39	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	19:39	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	19:39	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	19:39	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	19:39	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	19:39	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	19:39	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	19:39	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	19:39	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	19:39	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	19:39	LB136255
	Magnesium	244	+/-1000	U	2000	P	06/24/2025	19:39	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	19:39	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	19:39	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	19:39	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	19:39	LB136255
	Silver	1.62	+/-5	U	10.0	P	06/24/2025	19:39	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	19:39	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	19:39	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	19:39	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	19:39	LB136255
CCB02	Aluminum	11.3	+/-50	U	100	P	06/24/2025	20:41	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	20:41	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	20:41	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	20:41	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	20:41	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	20:41	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	20:41	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	20:41	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	20:41	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	20:41	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	20:41	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	20:41	LB136255
	Magnesium	244	+/-1000	U	2000	P	06/24/2025	20:41	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	20:41	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	20:41	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	20:41	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	20:41	LB136255

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/24/2025	20:41	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	20:41	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	20:41	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	20:41	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	20:41	LB136255
CCB03	Aluminum	11.3	+/-50	U	100	P	06/24/2025	21:33	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	21:33	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	21:33	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	21:33	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	21:33	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	21:33	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	21:33	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	21:33	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	21:33	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	21:33	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	21:33	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	21:33	LB136255
	Magnesium	244	+/-1000	U	2000	P	06/24/2025	21:33	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	21:33	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	21:33	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	21:33	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	21:33	LB136255
	Silver	1.62	+/-5	U	10.0	P	06/24/2025	21:33	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	21:33	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	21:33	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	21:33	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	21:33	LB136255
CCB04	Aluminum	11.3	+/-50	U	100	P	06/24/2025	23:01	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	23:01	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	23:01	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	23:01	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	23:01	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	23:01	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	23:01	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	23:01	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	23:01	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	23:01	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	23:01	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	23:01	LB136255

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/24/2025	23:01	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	23:01	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	23:01	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	23:01	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	23:01	LB136255
	Silver	1.62	+/-5	U	10.0	P	06/24/2025	23:01	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	23:01	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	23:01	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	23:01	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	23:01	LB136255
CCB05	Aluminum	11.3	+/-50	U	100	P	06/24/2025	23:50	LB136255
	Antimony	6.76	+/-25	U	50.0	P	06/24/2025	23:50	LB136255
	Arsenic	5.12	+/-10	U	20.0	P	06/24/2025	23:50	LB136255
	Barium	14.6	+/-50	U	100	P	06/24/2025	23:50	LB136255
	Beryllium	0.56	+/-3	U	6.00	P	06/24/2025	23:50	LB136255
	Cadmium	0.50	+/-3	U	6.00	P	06/24/2025	23:50	LB136255
	Calcium	234	+/-1000	U	2000	P	06/24/2025	23:50	LB136255
	Chromium	2.12	+/-5	U	10.0	P	06/24/2025	23:50	LB136255
	Cobalt	2.26	+/-15	U	30.0	P	06/24/2025	23:50	LB136255
	Copper	4.60	+/-10	U	20.0	P	06/24/2025	23:50	LB136255
	Iron	23.4	+/-50	U	100	P	06/24/2025	23:50	LB136255
	Lead	2.30	+/-6	U	12.0	P	06/24/2025	23:50	LB136255
	Magnesium	244	+/-1000	U	2000	P	06/24/2025	23:50	LB136255
	Manganese	5.94	+/-10	U	20.0	P	06/24/2025	23:50	LB136255
	Nickel	3.06	+/-20	U	40.0	P	06/24/2025	23:50	LB136255
	Potassium	918	+/-1000	U	2000	P	06/24/2025	23:50	LB136255
	Selenium	9.64	+/-10	U	20.0	P	06/24/2025	23:50	LB136255
	Silver	1.62	+/-5	U	10.0	P	06/24/2025	23:50	LB136255
	Sodium	868	+/-1000	U	2000	P	06/24/2025	23:50	LB136255
	Thallium	4.38	+/-20	U	40.0	P	06/24/2025	23:50	LB136255
	Vanadium	6.26	+/-20	U	40.0	P	06/24/2025	23:50	LB136255
	Zinc	3.50	+/-20	U	40.0	P	06/24/2025	23:50	LB136255

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	14:53	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	14:53	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	14:53	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	14:53	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	14:53	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	14:53	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	14:53	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	14:53	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	14:53	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	14:53	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	14:53	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	14:53	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	14:53	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	14:53	LB136273

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	16:09	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	16:09	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	16:09	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	16:09	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	16:09	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	16:09	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	16:09	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	16:09	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	16:09	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	16:09	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	16:09	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	16:09	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	16:09	LB136273
CCB02	Aluminum	11.3	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	17:09	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	17:09	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	17:09	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	17:09	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	17:09	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	17:09	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	17:09	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	17:09	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	17:09	LB136273

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	17:09	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	17:09	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	17:09	LB136273
CCB03	Aluminum	22.1	+/-50	J	100	P	06/25/2025	18:07	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	18:07	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	18:07	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	18:07	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	18:07	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	18:07	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	18:07	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	18:07	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	18:07	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	18:07	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	18:07	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	18:07	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	18:07	LB136273
CCB04	Aluminum	11.3	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	18:59	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	18:59	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	18:59	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	18:59	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	18:59	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	18:59	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	18:59	LB136273

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	18:59	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	18:59	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	18:59	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	18:59	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	18:59	LB136273
CCB05	Aluminum	11.3	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	19:57	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	19:57	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	19:57	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	19:57	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	19:57	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	19:57	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	19:57	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	19:57	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	19:57	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	19:57	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	19:57	LB136273
CCB06	Aluminum	11.3	+/-50	U	100	P	06/25/2025	20:50	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	20:50	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	20:50	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	20:50	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	20:50	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	20:50	LB136273

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	9.17	+/-5	J*	10.0	P	06/25/2025	20:50	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	20:50	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Iron	33.2	+/-50	J	100	P	06/25/2025	20:50	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	20:50	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	20:50	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	20:50	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	20:50	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	20:50	LB136273
CCB07	Aluminum	11.3	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Antimony	6.76	+/-25	U	50.0	P	06/25/2025	21:16	LB136273
	Arsenic	5.12	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Barium	14.6	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Beryllium	0.56	+/-3	U	6.00	P	06/25/2025	21:16	LB136273
	Cadmium	0.50	+/-3	U	6.00	P	06/25/2025	21:16	LB136273
	Calcium	234	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Chromium	2.12	+/-5	U	10.0	P	06/25/2025	21:16	LB136273
	Cobalt	2.26	+/-15	U	30.0	P	06/25/2025	21:16	LB136273
	Copper	4.60	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Iron	23.4	+/-50	U	100	P	06/25/2025	21:16	LB136273
	Lead	2.30	+/-6	U	12.0	P	06/25/2025	21:16	LB136273
	Magnesium	244	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Manganese	5.94	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Nickel	3.06	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Potassium	918	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Selenium	9.64	+/-10	U	20.0	P	06/25/2025	21:16	LB136273
	Silver	1.62	+/-5	U	10.0	P	06/25/2025	21:16	LB136273
	Sodium	868	+/-1000	U	2000	P	06/25/2025	21:16	LB136273
	Thallium	4.38	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Vanadium	6.26	+/-20	U	40.0	P	06/25/2025	21:16	LB136273
	Zinc	3.50	+/-20	U	40.0	P	06/25/2025	21:16	LB136273

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168568BL		**WATER**		**Batch Number:**	**PB168568**		**Prep Date:**	**06/20/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	06/23/2025	13:16	LB136227

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2372

Instrument: P5

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168583BL		**WATER**		**Batch Number:**	**PB168583**		**Prep Date:**	**06/23/2025**	
	Aluminum	5.67	<25	U	50.0	P	06/24/2025	19:52	LB136255
	Antimony	3.38	<12.5	U	25.0	P	06/24/2025	19:52	LB136255
	Arsenic	2.56	<5	U	10.0	P	06/24/2025	19:52	LB136255
	Barium	7.28	<25	U	50.0	P	06/24/2025	19:52	LB136255
	Beryllium	0.28	<1.5	U	3.00	P	06/24/2025	19:52	LB136255
	Cadmium	0.25	<1.5	U	3.00	P	06/24/2025	19:52	LB136255
	Calcium	117	<500	U	1000	P	06/24/2025	19:52	LB136255
	Chromium	1.06	<2.5	U	5.00	P	06/24/2025	19:52	LB136255
	Cobalt	1.13	<7.5	U	15.0	P	06/24/2025	19:52	LB136255
	Copper	2.30	<5	U	10.0	P	06/24/2025	19:52	LB136255
	Iron	11.7	<25	U	50.0	P	06/24/2025	19:52	LB136255
	Lead	1.15	<3	U	6.00	P	06/24/2025	19:52	LB136255
	Magnesium	122	<500	U	1000	P	06/24/2025	19:52	LB136255
	Manganese	2.97	<5	U	10.0	P	06/24/2025	19:52	LB136255
	Nickel	1.53	<10	U	20.0	P	06/24/2025	19:52	LB136255
	Potassium	459	<500	U	1000	P	06/24/2025	19:52	LB136255
	Selenium	4.82	<5	U	10.0	P	06/24/2025	19:52	LB136255
	Silver	0.81	<2.5	U	5.00	P	06/24/2025	19:52	LB136255
	Sodium	434	<500	U	1000	P	06/24/2025	19:52	LB136255
	Thallium	2.19	<10	U	20.0	P	06/24/2025	19:52	LB136255
	Vanadium	3.13	<10	U	20.0	P	06/24/2025	19:52	LB136255
	Zinc	1.75	<10	U	20.0	P	06/24/2025	19:52	LB136255

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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
ICV01	Mercury	4.00	4.0	100	90 - 110	CV	06/23/2025	12:28	LB136227

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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
CCV01	Mercury	4.79	5.0	96	90 - 110	CV	06/23/2025	12:33	LB136227
CCV02	Mercury	5.15	5.0	103	90 - 110	CV	06/23/2025	13:03	LB136227
CCV03	Mercury	4.96	5.0	99	90 - 110	CV	06/23/2025	13:30	LB136227
CCV04	Mercury	4.79	5.0	96	90 - 110	CV	06/23/2025	13:51	LB136227
CCV05	Mercury	4.65	5.0	93	90 - 110	CV	06/23/2025	14:20	LB136227

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	7650	8000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Antimony	4020	4000	101	90 - 110	P	06/24/2025	18:43	LB136255
	Arsenic	3700	4000	93	90 - 110	P	06/24/2025	18:43	LB136255
	Barium	7630	8000	95	90 - 110	P	06/24/2025	18:43	LB136255
	Beryllium	202	200	101	90 - 110	P	06/24/2025	18:43	LB136255
	Cadmium	1890	2000	95	90 - 110	P	06/24/2025	18:43	LB136255
	Calcium	18900	20000	95	90 - 110	P	06/24/2025	18:43	LB136255
	Chromium	784	800	98	90 - 110	P	06/24/2025	18:43	LB136255
	Cobalt	1910	2000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Copper	999	1000	100	90 - 110	P	06/24/2025	18:43	LB136255
	Iron	3840	4000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Lead	3740	4000	93	90 - 110	P	06/24/2025	18:43	LB136255
	Magnesium	19300	20000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Manganese	1910	2000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Nickel	1910	2000	96	90 - 110	P	06/24/2025	18:43	LB136255
	Potassium	19800	20000	99	90 - 110	P	06/24/2025	18:43	LB136255
	Selenium	3870	4000	97	90 - 110	P	06/24/2025	18:43	LB136255
	Silver	978	1000	98	90 - 110	P	06/24/2025	18:43	LB136255
	Sodium	20400	20000	102	90 - 110	P	06/24/2025	18:43	LB136255
	Thallium	3730	4000	93	90 - 110	P	06/24/2025	18:43	LB136255
	Vanadium	1960	2000	98	90 - 110	P	06/24/2025	18:43	LB136255
	Zinc	1950	2000	98	90 - 110	P	06/24/2025	18:43	LB136255

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	9830	10000	98	90 - 110	P	06/24/2025	19:34	LB136255
	Antimony	5010	5000	100	90 - 110	P	06/24/2025	19:34	LB136255
	Arsenic	4860	5000	97	90 - 110	P	06/24/2025	19:34	LB136255
	Barium	9870	10000	99	90 - 110	P	06/24/2025	19:34	LB136255
	Beryllium	247	250	99	90 - 110	P	06/24/2025	19:34	LB136255
	Cadmium	2470	2500	99	90 - 110	P	06/24/2025	19:34	LB136255
	Calcium	24000	25000	96	90 - 110	P	06/24/2025	19:34	LB136255
	Chromium	985	1000	98	90 - 110	P	06/24/2025	19:34	LB136255
	Cobalt	2470	2500	99	90 - 110	P	06/24/2025	19:34	LB136255
	Copper	1210	1250	97	90 - 110	P	06/24/2025	19:34	LB136255
	Iron	4870	5000	98	90 - 110	P	06/24/2025	19:34	LB136255
	Lead	4910	5000	98	90 - 110	P	06/24/2025	19:34	LB136255
	Magnesium	24400	25000	98	90 - 110	P	06/24/2025	19:34	LB136255
	Manganese	2440	2500	98	90 - 110	P	06/24/2025	19:34	LB136255
	Nickel	2460	2500	98	90 - 110	P	06/24/2025	19:34	LB136255
	Potassium	23700	25000	95	90 - 110	P	06/24/2025	19:34	LB136255
	Selenium	5010	5000	100	90 - 110	P	06/24/2025	19:34	LB136255
	Silver	1250	1250	100	90 - 110	P	06/24/2025	19:34	LB136255
	Sodium	24000	25000	96	90 - 110	P	06/24/2025	19:34	LB136255
	Thallium	4970	5000	99	90 - 110	P	06/24/2025	19:34	LB136255
	Vanadium	2430	2500	97	90 - 110	P	06/24/2025	19:34	LB136255
	Zinc	2490	2500	100	90 - 110	P	06/24/2025	19:34	LB136255
CCV02	Aluminum	9830	10000	98	90 - 110	P	06/24/2025	20:37	LB136255
	Antimony	5050	5000	101	90 - 110	P	06/24/2025	20:37	LB136255
	Arsenic	4880	5000	98	90 - 110	P	06/24/2025	20:37	LB136255
	Barium	9910	10000	99	90 - 110	P	06/24/2025	20:37	LB136255
	Beryllium	248	250	99	90 - 110	P	06/24/2025	20:37	LB136255
	Cadmium	2480	2500	99	90 - 110	P	06/24/2025	20:37	LB136255
	Calcium	24000	25000	96	90 - 110	P	06/24/2025	20:37	LB136255
	Chromium	980	1000	98	90 - 110	P	06/24/2025	20:37	LB136255
	Cobalt	2480	2500	99	90 - 110	P	06/24/2025	20:37	LB136255
	Copper	1200	1250	96	90 - 110	P	06/24/2025	20:37	LB136255
	Iron	4880	5000	98	90 - 110	P	06/24/2025	20:37	LB136255
	Lead	4930	5000	99	90 - 110	P	06/24/2025	20:37	LB136255

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	24300	25000	97	90 - 110	P	06/24/2025	20:37	LB136255
	Manganese	2440	2500	97	90 - 110	P	06/24/2025	20:37	LB136255
	Nickel	2480	2500	99	90 - 110	P	06/24/2025	20:37	LB136255
	Potassium	23800	25000	95	90 - 110	P	06/24/2025	20:37	LB136255
	Selenium	5050	5000	101	90 - 110	P	06/24/2025	20:37	LB136255
	Silver	1260	1250	101	90 - 110	P	06/24/2025	20:37	LB136255
	Sodium	23800	25000	95	90 - 110	P	06/24/2025	20:37	LB136255
	Thallium	4990	5000	100	90 - 110	P	06/24/2025	20:37	LB136255
	Vanadium	2440	2500	98	90 - 110	P	06/24/2025	20:37	LB136255
	Zinc	2490	2500	100	90 - 110	P	06/24/2025	20:37	LB136255
CCV03	Aluminum	9820	10000	98	90 - 110	P	06/24/2025	21:29	LB136255
	Antimony	5150	5000	103	90 - 110	P	06/24/2025	21:29	LB136255
	Arsenic	4920	5000	98	90 - 110	P	06/24/2025	21:29	LB136255
	Barium	9910	10000	99	90 - 110	P	06/24/2025	21:29	LB136255
	Beryllium	262	250	105	90 - 110	P	06/24/2025	21:29	LB136255
	Cadmium	2480	2500	99	90 - 110	P	06/24/2025	21:29	LB136255
	Calcium	24100	25000	96	90 - 110	P	06/24/2025	21:29	LB136255
	Chromium	980	1000	98	90 - 110	P	06/24/2025	21:29	LB136255
	Cobalt	2500	2500	100	90 - 110	P	06/24/2025	21:29	LB136255
	Copper	1280	1250	102	90 - 110	P	06/24/2025	21:29	LB136255
	Iron	4950	5000	99	90 - 110	P	06/24/2025	21:29	LB136255
	Lead	4970	5000	100	90 - 110	P	06/24/2025	21:29	LB136255
	Magnesium	24500	25000	98	90 - 110	P	06/24/2025	21:29	LB136255
	Manganese	2430	2500	97	90 - 110	P	06/24/2025	21:29	LB136255
	Nickel	2500	2500	100	90 - 110	P	06/24/2025	21:29	LB136255
	Potassium	26000	25000	104	90 - 110	P	06/24/2025	21:29	LB136255
	Selenium	5140	5000	103	90 - 110	P	06/24/2025	21:29	LB136255
	Silver	1290	1250	103	90 - 110	P	06/24/2025	21:29	LB136255
	Sodium	26300	25000	105	90 - 110	P	06/24/2025	21:29	LB136255
	Thallium	5070	5000	101	90 - 110	P	06/24/2025	21:29	LB136255
	Vanadium	2430	2500	97	90 - 110	P	06/24/2025	21:29	LB136255
	Zinc	2540	2500	102	90 - 110	P	06/24/2025	21:29	LB136255
CCV04	Aluminum	9920	10000	99	90 - 110	P	06/24/2025	22:22	LB136255
	Antimony	5070	5000	101	90 - 110	P	06/24/2025	22:22	LB136255

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	4890	5000	98	90 - 110	P	06/24/2025	22:22	LB136255
	Barium	9960	10000	100	90 - 110	P	06/24/2025	22:22	LB136255
	Beryllium	248	250	99	90 - 110	P	06/24/2025	22:22	LB136255
	Cadmium	2490	2500	100	90 - 110	P	06/24/2025	22:22	LB136255
	Calcium	24000	25000	96	90 - 110	P	06/24/2025	22:22	LB136255
	Chromium	980	1000	98	90 - 110	P	06/24/2025	22:22	LB136255
	Cobalt	2490	2500	100	90 - 110	P	06/24/2025	22:22	LB136255
	Copper	1210	1250	97	90 - 110	P	06/24/2025	22:22	LB136255
	Iron	4860	5000	97	90 - 110	P	06/24/2025	22:22	LB136255
	Lead	4960	5000	99	90 - 110	P	06/24/2025	22:22	LB136255
	Magnesium	24200	25000	97	90 - 110	P	06/24/2025	22:22	LB136255
	Manganese	2420	2500	97	90 - 110	P	06/24/2025	22:22	LB136255
	Nickel	2490	2500	100	90 - 110	P	06/24/2025	22:22	LB136255
	Potassium	23500	25000	94	90 - 110	P	06/24/2025	22:22	LB136255
	Selenium	5060	5000	101	90 - 110	P	06/24/2025	22:22	LB136255
	Silver	1260	1250	101	90 - 110	P	06/24/2025	22:22	LB136255
	Sodium	23600	25000	95	90 - 110	P	06/24/2025	22:22	LB136255
	Thallium	5020	5000	100	90 - 110	P	06/24/2025	22:22	LB136255
	Vanadium	2430	2500	97	90 - 110	P	06/24/2025	22:22	LB136255
	Zinc	2500	2500	100	90 - 110	P	06/24/2025	22:22	LB136255

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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
LLCCV01	Aluminum	96.3	100	96	80 - 120	P	06/24/2025	22:47	LB136255
	Antimony	54.8	50.0	110	80 - 120	P	06/24/2025	22:47	LB136255
	Arsenic	19.8	20.0	99	80 - 120	P	06/24/2025	22:47	LB136255
	Barium	96.0	100	96	80 - 120	P	06/24/2025	22:47	LB136255
	Beryllium	6.05	6.0	101	80 - 120	P	06/24/2025	22:47	LB136255
	Cadmium	5.46	6.0	91	80 - 120	P	06/24/2025	22:47	LB136255
	Calcium	1880	2000	94	80 - 120	P	06/24/2025	22:47	LB136255
	Chromium	8.28	10.0	83	80 - 120	P	06/24/2025	22:47	LB136255
	Cobalt	29.2	30.0	97	80 - 120	P	06/24/2025	22:47	LB136255
	Copper	20.5	20.0	102	80 - 120	P	06/24/2025	22:47	LB136255
	Iron	105	100	105	80 - 120	P	06/24/2025	22:47	LB136255
	Lead	11.1	12.0	93	80 - 120	P	06/24/2025	22:47	LB136255
	Magnesium	2090	2000	105	80 - 120	P	06/24/2025	22:47	LB136255
	Manganese	22.9	20.0	114	80 - 120	P	06/24/2025	22:47	LB136255
	Nickel	38.1	40.0	95	80 - 120	P	06/24/2025	22:47	LB136255
	Potassium	1830	2000	92	80 - 120	P	06/24/2025	22:47	LB136255
	Selenium	20.6	20.0	103	80 - 120	P	06/24/2025	22:47	LB136255
	Silver	9.45	10.0	94	80 - 120	P	06/24/2025	22:47	LB136255
	Sodium	1690	2000	84	80 - 120	P	06/24/2025	22:47	LB136255
	Thallium	39.1	40.0	98	80 - 120	P	06/24/2025	22:47	LB136255
	Vanadium	35.6	40.0	89	80 - 120	P	06/24/2025	22:47	LB136255
	Zinc	38.5	40.0	96	80 - 120	P	06/24/2025	22:47	LB136255

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	Aluminum	9770	10000	98	90 - 110	P	06/24/2025	23:46	LB136255
	Antimony	5020	5000	100	90 - 110	P	06/24/2025	23:46	LB136255
	Arsenic	4830	5000	97	90 - 110	P	06/24/2025	23:46	LB136255
	Barium	9840	10000	98	90 - 110	P	06/24/2025	23:46	LB136255
	Beryllium	245	250	98	90 - 110	P	06/24/2025	23:46	LB136255
	Cadmium	2460	2500	98	90 - 110	P	06/24/2025	23:46	LB136255
	Calcium	23700	25000	95	90 - 110	P	06/24/2025	23:46	LB136255
	Chromium	963	1000	96	90 - 110	P	06/24/2025	23:46	LB136255
	Cobalt	2470	2500	99	90 - 110	P	06/24/2025	23:46	LB136255
	Copper	1190	1250	95	90 - 110	P	06/24/2025	23:46	LB136255
	Iron	4750	5000	95	90 - 110	P	06/24/2025	23:46	LB136255
	Lead	4900	5000	98	90 - 110	P	06/24/2025	23:46	LB136255
	Magnesium	23700	25000	95	90 - 110	P	06/24/2025	23:46	LB136255
	Manganese	2370	2500	95	90 - 110	P	06/24/2025	23:46	LB136255
	Nickel	2470	2500	99	90 - 110	P	06/24/2025	23:46	LB136255
	Potassium	23400	25000	94	90 - 110	P	06/24/2025	23:46	LB136255
	Selenium	5000	5000	100	90 - 110	P	06/24/2025	23:46	LB136255
	Silver	1250	1250	100	90 - 110	P	06/24/2025	23:46	LB136255
	Sodium	23400	25000	94	90 - 110	P	06/24/2025	23:46	LB136255
	Thallium	4970	5000	99	90 - 110	P	06/24/2025	23:46	LB136255
	Vanadium	2400	2500	96	90 - 110	P	06/24/2025	23:46	LB136255
	Zinc	2470	2500	99	90 - 110	P	06/24/2025	23:46	LB136255

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	8070	8000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Antimony	4210	4000	105	90 - 110	P	06/25/2025	13:08	LB136273
	Arsenic	3960	4000	99	90 - 110	P	06/25/2025	13:08	LB136273
	Barium	8170	8000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Beryllium	207	200	104	90 - 110	P	06/25/2025	13:08	LB136273
	Cadmium	2020	2000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Calcium	20100	20000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Chromium	831	800	104	90 - 110	P	06/25/2025	13:08	LB136273
	Cobalt	2050	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Copper	1060	1000	106	90 - 110	P	06/25/2025	13:08	LB136273
	Iron	4100	4000	103	90 - 110	P	06/25/2025	13:08	LB136273
	Lead	3990	4000	100	90 - 110	P	06/25/2025	13:08	LB136273
	Magnesium	20300	20000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Manganese	2030	2000	101	90 - 110	P	06/25/2025	13:08	LB136273
	Nickel	2040	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Potassium	19500	20000	98	90 - 110	P	06/25/2025	13:08	LB136273
	Selenium	4090	4000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Silver	1020	1000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Sodium	20100	20000	100	90 - 110	P	06/25/2025	13:08	LB136273
	Thallium	3950	4000	99	90 - 110	P	06/25/2025	13:08	LB136273
	Vanadium	2040	2000	102	90 - 110	P	06/25/2025	13:08	LB136273
	Zinc	2060	2000	103	90 - 110	P	06/25/2025	13:08	LB136273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	99.0	100	99	80 - 120	P	06/25/2025	13:20	LB136273
	Antimony	55.5	50.0	111	80 - 120	P	06/25/2025	13:20	LB136273
	Arsenic	20.3	20.0	102	80 - 120	P	06/25/2025	13:20	LB136273
	Barium	106	100	106	80 - 120	P	06/25/2025	13:20	LB136273
	Beryllium	6.62	6.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Cadmium	5.93	6.0	99	80 - 120	P	06/25/2025	13:20	LB136273
	Calcium	2100	2000	105	80 - 120	P	06/25/2025	13:20	LB136273
	Chromium	10.1	10.0	101	80 - 120	P	06/25/2025	13:20	LB136273
	Cobalt	31.1	30.0	104	80 - 120	P	06/25/2025	13:20	LB136273
	Copper	22.0	20.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Iron	92.0	100	92	80 - 120	P	06/25/2025	13:20	LB136273
	Lead	13.2	12.0	110	80 - 120	P	06/25/2025	13:20	LB136273
	Magnesium	2340	2000	117	80 - 120	P	06/25/2025	13:20	LB136273
	Manganese	24.0	20.0	120	80 - 120	P	06/25/2025	13:20	LB136273
	Nickel	41.4	40.0	103	80 - 120	P	06/25/2025	13:20	LB136273
	Potassium	1700	2000	85	80 - 120	P	06/25/2025	13:20	LB136273
	Selenium	22.8	20.0	114	80 - 120	P	06/25/2025	13:20	LB136273
	Silver	10.6	10.0	106	80 - 120	P	06/25/2025	13:20	LB136273
	Sodium	1920	2000	96	80 - 120	P	06/25/2025	13:20	LB136273
	Thallium	41.7	40.0	104	80 - 120	P	06/25/2025	13:20	LB136273
	Vanadium	36.5	40.0	91	80 - 120	P	06/25/2025	13:20	LB136273
	Zinc	42.1	40.0	105	80 - 120	P	06/25/2025	13:20	LB136273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	16:04	LB136273
	Antimony	5110	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Arsenic	5030	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Barium	10100	10000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Beryllium	266	250	106	90 - 110	P	06/25/2025	16:04	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Calcium	25500	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	16:04	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Copper	1310	1250	105	90 - 110	P	06/25/2025	16:04	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Lead	5060	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Magnesium	25400	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
	Nickel	2520	2500	101	90 - 110	P	06/25/2025	16:04	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Selenium	5090	5000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Silver	1280	1250	102	90 - 110	P	06/25/2025	16:04	LB136273
	Sodium	25600	25000	102	90 - 110	P	06/25/2025	16:04	LB136273
	Thallium	5070	5000	101	90 - 110	P	06/25/2025	16:04	LB136273
	Vanadium	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	16:04	LB136273
CCV02	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Antimony	5100	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Arsenic	5030	5000	100	90 - 110	P	06/25/2025	16:57	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Beryllium	267	250	107	90 - 110	P	06/25/2025	16:57	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	16:57	LB136273
	Calcium	25600	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	16:57	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	16:57	LB136273
	Copper	1320	1250	106	90 - 110	P	06/25/2025	16:57	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Lead	5050	5000	101	90 - 110	P	06/25/2025	16:57	LB136273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	25500	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Manganese	2570	2500	103	90 - 110	P	06/25/2025	16:57	LB136273
	Nickel	2510	2500	100	90 - 110	P	06/25/2025	16:57	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Selenium	5090	5000	102	90 - 110	P	06/25/2025	16:57	LB136273
	Silver	1290	1250	103	90 - 110	P	06/25/2025	16:57	LB136273
	Sodium	25700	25000	103	90 - 110	P	06/25/2025	16:57	LB136273
	Thallium	5050	5000	101	90 - 110	P	06/25/2025	16:57	LB136273
	Vanadium	2560	2500	102	90 - 110	P	06/25/2025	16:57	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	16:57	LB136273
CCV03	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Antimony	5150	5000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Arsenic	5110	5000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Beryllium	258	250	103	90 - 110	P	06/25/2025	18:00	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	18:00	LB136273
	Calcium	25700	25000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	18:00	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	18:00	LB136273
	Copper	1270	1250	102	90 - 110	P	06/25/2025	18:00	LB136273
	Iron	5130	5000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Lead	5070	5000	101	90 - 110	P	06/25/2025	18:00	LB136273
	Magnesium	25600	25000	103	90 - 110	P	06/25/2025	18:00	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	18:00	LB136273
	Nickel	2520	2500	101	90 - 110	P	06/25/2025	18:00	LB136273
	Potassium	26900	25000	108	90 - 110	P	06/25/2025	18:00	LB136273
	Selenium	5180	5000	104	90 - 110	P	06/25/2025	18:00	LB136273
	Silver	1300	1250	104	90 - 110	P	06/25/2025	18:00	LB136273
	Sodium	25500	25000	102	90 - 110	P	06/25/2025	18:00	LB136273
	Thallium	5070	5000	101	90 - 110	P	06/25/2025	18:00	LB136273
	Vanadium	2570	2500	103	90 - 110	P	06/25/2025	18:00	LB136273
	Zinc	2600	2500	104	90 - 110	P	06/25/2025	18:00	LB136273
CCV04	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Antimony	5090	5000	102	90 - 110	P	06/25/2025	18:55	LB136273

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	18:55	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Beryllium	269	250	108	90 - 110	P	06/25/2025	18:55	LB136273
	Cadmium	2530	2500	101	90 - 110	P	06/25/2025	18:55	LB136273
	Calcium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Chromium	1040	1000	104	90 - 110	P	06/25/2025	18:55	LB136273
	Cobalt	2520	2500	101	90 - 110	P	06/25/2025	18:55	LB136273
	Copper	1330	1250	106	90 - 110	P	06/25/2025	18:55	LB136273
	Iron	5150	5000	103	90 - 110	P	06/25/2025	18:55	LB136273
	Lead	5030	5000	101	90 - 110	P	06/25/2025	18:55	LB136273
	Magnesium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Manganese	2550	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
	Nickel	2510	2500	100	90 - 110	P	06/25/2025	18:55	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	18:55	LB136273
	Selenium	5060	5000	101	90 - 110	P	06/25/2025	18:55	LB136273
	Silver	1280	1250	103	90 - 110	P	06/25/2025	18:55	LB136273
	Sodium	25900	25000	104	90 - 110	P	06/25/2025	18:55	LB136273
	Thallium	5020	5000	100	90 - 110	P	06/25/2025	18:55	LB136273
	Vanadium	2550	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	18:55	LB136273
CCV05	Aluminum	10300	10000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Antimony	5150	5000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Arsenic	5070	5000	101	90 - 110	P	06/25/2025	19:52	LB136273
	Barium	10300	10000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Beryllium	271	250	108	90 - 110	P	06/25/2025	19:52	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	19:52	LB136273
	Calcium	25800	25000	103	90 - 110	P	06/25/2025	19:52	LB136273
	Chromium	1050	1000	105	90 - 110	P	06/25/2025	19:52	LB136273
	Cobalt	2540	2500	102	90 - 110	P	06/25/2025	19:52	LB136273
	Copper	1340	1250	107	90 - 110	P	06/25/2025	19:52	LB136273
	Iron	5120	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Lead	5080	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Magnesium	25600	25000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Manganese	2560	2500	102	90 - 110	P	06/25/2025	19:52	LB136273

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	06/25/2025	19:52	LB136273
	Potassium	25600	25000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Selenium	5120	5000	102	90 - 110	P	06/25/2025	19:52	LB136273
	Silver	1290	1250	103	90 - 110	P	06/25/2025	19:52	LB136273
	Sodium	26100	25000	104	90 - 110	P	06/25/2025	19:52	LB136273
	Thallium	5060	5000	101	90 - 110	P	06/25/2025	19:52	LB136273
	Vanadium	2570	2500	103	90 - 110	P	06/25/2025	19:52	LB136273
	Zinc	2570	2500	103	90 - 110	P	06/25/2025	19:52	LB136273
CCV06	Aluminum	10200	10000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Antimony	5170	5000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Arsenic	5080	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Barium	10200	10000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Beryllium	267	250	107	90 - 110	P	06/25/2025	20:46	LB136273
	Cadmium	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Calcium	25400	25000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Chromium	1030	1000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Cobalt	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Copper	1330	1250	106	90 - 110	P	06/25/2025	20:46	LB136273
	Iron	5040	5000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Lead	5100	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Magnesium	25200	25000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Manganese	2510	2500	100	90 - 110	P	06/25/2025	20:46	LB136273
	Nickel	2550	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Potassium	25200	25000	101	90 - 110	P	06/25/2025	20:46	LB136273
	Selenium	5160	5000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Silver	1270	1250	102	90 - 110	P	06/25/2025	20:46	LB136273
	Sodium	25600	25000	103	90 - 110	P	06/25/2025	20:46	LB136273
	Thallium	5110	5000	102	90 - 110	P	06/25/2025	20:46	LB136273
	Vanadium	2540	2500	102	90 - 110	P	06/25/2025	20:46	LB136273
	Zinc	2570	2500	103	90 - 110	P	06/25/2025	20:46	LB136273
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Antimony	5120	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Arsenic	5040	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Barium	10100	10000	102	90 - 110	P	06/25/2025	21:12	LB136273

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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	259	250	104	90 - 110	P	06/25/2025	21:12	LB136273
	Cadmium	2540	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Calcium	25000	25000	100	90 - 110	P	06/25/2025	21:12	LB136273
	Chromium	1020	1000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Cobalt	2530	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Copper	1290	1250	103	90 - 110	P	06/25/2025	21:12	LB136273
	Iron	5050	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Lead	5060	5000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Magnesium	24800	25000	99	90 - 110	P	06/25/2025	21:12	LB136273
	Manganese	2480	2500	99	90 - 110	P	06/25/2025	21:12	LB136273
	Nickel	2540	2500	102	90 - 110	P	06/25/2025	21:12	LB136273
	Potassium	24900	25000	100	90 - 110	P	06/25/2025	21:12	LB136273
	Selenium	5120	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Silver	1250	1250	100	90 - 110	P	06/25/2025	21:12	LB136273
	Sodium	25200	25000	101	90 - 110	P	06/25/2025	21:12	LB136273
	Thallium	5080	5000	102	90 - 110	P	06/25/2025	21:12	LB136273
	Vanadium	2520	2500	101	90 - 110	P	06/25/2025	21:12	LB136273
	Zinc	2560	2500	102	90 - 110	P	06/25/2025	21:12	LB136273

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	111	70 - 130	CV	06/23/2025	12:37	LB136227
CRI01	Aluminum	97.2	100	97	65 - 135	P	06/24/2025	19:12	LB136255
	Antimony	57.5	50.0	115	65 - 135	P	06/24/2025	19:12	LB136255
	Arsenic	17.8	20.0	89	65 - 135	P	06/24/2025	19:12	LB136255
	Barium	100	100	100	65 - 135	P	06/24/2025	19:12	LB136255
	Beryllium	6.34	6.0	106	65 - 135	P	06/24/2025	19:12	LB136255
	Cadmium	5.67	6.0	94	65 - 135	P	06/24/2025	19:12	LB136255
	Calcium	2020	2000	101	65 - 135	P	06/24/2025	19:12	LB136255
	Chromium	9.20	10.0	92	65 - 135	P	06/24/2025	19:12	LB136255
	Cobalt	30.5	30.0	102	65 - 135	P	06/24/2025	19:12	LB136255
	Copper	21.7	20.0	108	65 - 135	P	06/24/2025	19:12	LB136255
	Iron	102	100	102	65 - 135	P	06/24/2025	19:12	LB136255
	Lead	12.5	12.0	104	65 - 135	P	06/24/2025	19:12	LB136255
	Magnesium	2230	2000	111	65 - 135	P	06/24/2025	19:12	LB136255
	Manganese	23.3	20.0	116	65 - 135	P	06/24/2025	19:12	LB136255
	Nickel	39.5	40.0	99	65 - 135	P	06/24/2025	19:12	LB136255
	Potassium	1540	2000	77	65 - 135	P	06/24/2025	19:12	LB136255
	Selenium	20.5	20.0	102	65 - 135	P	06/24/2025	19:12	LB136255
	Silver	8.97	10.0	90	65 - 135	P	06/24/2025	19:12	LB136255
	Sodium	1860	2000	93	65 - 135	P	06/24/2025	19:12	LB136255
	Thallium	40.1	40.0	100	65 - 135	P	06/24/2025	19:12	LB136255
	Vanadium	35.9	40.0	90	65 - 135	P	06/24/2025	19:12	LB136255
	Zinc	40.1	40.0	100	65 - 135	P	06/24/2025	19:12	LB136255
CRI01	Aluminum	103	100	103	65 - 135	P	06/25/2025	15:24	LB136273
	Antimony	49.6	50.0	99	65 - 135	P	06/25/2025	15:24	LB136273
	Arsenic	16.5	20.0	82	65 - 135	P	06/25/2025	15:24	LB136273
	Barium	99.4	100	99	65 - 135	P	06/25/2025	15:24	LB136273
	Beryllium	6.43	6.0	107	65 - 135	P	06/25/2025	15:24	LB136273
	Cadmium	5.59	6.0	93	65 - 135	P	06/25/2025	15:24	LB136273
	Calcium	2000	2000	100	65 - 135	P	06/25/2025	15:24	LB136273
	Chromium	8.98	10.0	90	65 - 135	P	06/25/2025	15:24	LB136273
	Cobalt	29.9	30.0	100	65 - 135	P	06/25/2025	15:24	LB136273
	Copper	22.1	20.0	110	65 - 135	P	06/25/2025	15:24	LB136273
	Iron	107	100	107	65 - 135	P	06/25/2025	15:24	LB136273
	Lead	13.2	12.0	110	65 - 135	P	06/25/2025	15:24	LB136273

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2150	2000	108	65 - 135	P	06/25/2025	15:24	LB136273
	Manganese	24.3	20.0	122	65 - 135	P	06/25/2025	15:24	LB136273
	Nickel	38.6	40.0	96	65 - 135	P	06/25/2025	15:24	LB136273
	Potassium	1940	2000	97	65 - 135	P	06/25/2025	15:24	LB136273
	Selenium	20.3	20.0	102	65 - 135	P	06/25/2025	15:24	LB136273
	Silver	9.71	10.0	97	65 - 135	P	06/25/2025	15:24	LB136273
	Sodium	1870	2000	94	65 - 135	P	06/25/2025	15:24	LB136273
	Thallium	36.8	40.0	92	65 - 135	P	06/25/2025	15:24	LB136273
	Vanadium	42.8	40.0	107	65 - 135	P	06/25/2025	15:24	LB136273
	Zinc	39.7	40.0	99	65 - 135	P	06/25/2025	15:24	LB136273

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

ICS Source: EPA **Instrument ID:** P5

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	252000	250000	101	216000	294000	06/24/2025	19:17	LB136255
	Antimony	24.6			-50	50	06/24/2025	19:17	LB136255
	Arsenic	-0.060			-20	20	06/24/2025	19:17	LB136255
	Barium	5.80	6.0	97	-94	106	06/24/2025	19:17	LB136255
	Beryllium	1.37			-6	6	06/24/2025	19:17	LB136255
	Cadmium	-1.32	1.0	132	-5	7	06/24/2025	19:17	LB136255
	Calcium	238000	240000	99	208000	282000	06/24/2025	19:17	LB136255
	Chromium	49.9	52.0	96	42	62	06/24/2025	19:17	LB136255
	Cobalt	26.4			-30	30	06/24/2025	19:17	LB136255
	Copper	-8.97	2.0	448	-18	22	06/24/2025	19:17	LB136255
	Iron	100000	100000	100	85600	116500	06/24/2025	19:17	LB136255
	Lead	-2.65			-12	12	06/24/2025	19:17	LB136255
	Magnesium	249000	260000	96	216000	294000	06/24/2025	19:17	LB136255
	Manganese	7.49	7.0	107	-13	27	06/24/2025	19:17	LB136255
	Nickel	4.01	2.0	200	-38	42	06/24/2025	19:17	LB136255
	Potassium	-13.1			0	0	06/24/2025	19:17	LB136255
	Selenium	1.64			-20	20	06/24/2025	19:17	LB136255
	Silver	-9.67			-10	10	06/24/2025	19:17	LB136255
	Sodium	194			0	0	06/24/2025	19:17	LB136255
	Thallium	4.93			-40	40	06/24/2025	19:17	LB136255
	Vanadium	8.02			-40	40	06/24/2025	19:17	LB136255
	Zinc	9.40			-40	40	06/24/2025	19:17	LB136255
ICSAB01	Aluminum	250000	250000	100	209000	285000	06/24/2025	19:21	LB136255
	Antimony	645	620	104	525	711	06/24/2025	19:21	LB136255
	Arsenic	91.9	100	92	88.4	120	06/24/2025	19:21	LB136255
	Barium	508	540	94	437	637	06/24/2025	19:21	LB136255
	Beryllium	513	500	103	420	570	06/24/2025	19:21	LB136255
	Cadmium	1000	970	103	826	1120	06/24/2025	19:21	LB136255
	Calcium	234000	230000	102	199000	271000	06/24/2025	19:21	LB136255
	Chromium	549	540	102	460	624	06/24/2025	19:21	LB136255
	Cobalt	517	480	108	404	548	06/24/2025	19:21	LB136255
	Copper	466	510	91	434	588	06/24/2025	19:21	LB136255
	Iron	99000	99000	100	84400	114500	06/24/2025	19:21	LB136255
	Lead	45.9	49.0	94	37	61	06/24/2025	19:21	LB136255
	Magnesium	246000	250000	98	210000	286000	06/24/2025	19:21	LB136255
	Manganese	492	510	96	430	584	06/24/2025	19:21	LB136255
	Nickel	985	950	104	810	1100	06/24/2025	19:21	LB136255
	Potassium	-6.32			0	0	06/24/2025	19:21	LB136255
	Selenium	53.9	46.0	117	26	66	06/24/2025	19:21	LB136255
	Silver	184	200	92	170	232	06/24/2025	19:21	LB136255
	Sodium	180			0	0	06/24/2025	19:21	LB136255
	Thallium	95.5	110	87	68	148	06/24/2025	19:21	LB136255

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

ICS Source: EPA **Instrument ID:** P5

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	501	490	102	417	565	06/24/2025	19:21	LB136255
	Zinc	1030	950	108	809	1095	06/24/2025	19:21	LB136255
ICSA01	Aluminum	261000	250000	104	216000	294000	06/25/2025	15:29	LB136273
	Antimony	23.7			-50	50	06/25/2025	15:29	LB136273
	Arsenic	-0.86			-20	20	06/25/2025	15:29	LB136273
	Barium	5.64	6.0	94	-94	106	06/25/2025	15:29	LB136273
	Beryllium	1.13			-6	6	06/25/2025	15:29	LB136273
	Cadmium	-2.31	1.0	231	-5	7	06/25/2025	15:29	LB136273
	Calcium	248000	240000	103	208000	282000	06/25/2025	15:29	LB136273
	Chromium	52.4	52.0	101	42	62	06/25/2025	15:29	LB136273
	Cobalt	22.6			-30	30	06/25/2025	15:29	LB136273
	Copper	-9.16	2.0	458	-18	22	06/25/2025	15:29	LB136273
	Iron	104000	100000	104	85600	116500	06/25/2025	15:29	LB136273
	Lead	0.032			-12	12	06/25/2025	15:29	LB136273
	Magnesium	259000	260000	100	216000	294000	06/25/2025	15:29	LB136273
	Manganese	7.58	7.0	108	-13	27	06/25/2025	15:29	LB136273
	Nickel	4.65	2.0	232	-38	42	06/25/2025	15:29	LB136273
	Potassium	6.15			0	0	06/25/2025	15:29	LB136273
	Selenium	1.93			-20	20	06/25/2025	15:29	LB136273
	Silver	-7.28			-10	10	06/25/2025	15:29	LB136273
	Sodium	207			0	0	06/25/2025	15:29	LB136273
	Thallium	3.18			-40	40	06/25/2025	15:29	LB136273
	Vanadium	3.48			-40	40	06/25/2025	15:29	LB136273
	Zinc	12.9			-40	40	06/25/2025	15:29	LB136273
ICSAB01	Aluminum	249000	250000	100	209000	285000	06/25/2025	15:51	LB136273
	Antimony	617	620	100	525	711	06/25/2025	15:51	LB136273
	Arsenic	92.4	100	92	88.4	120	06/25/2025	15:51	LB136273
	Barium	501	540	93	437	637	06/25/2025	15:51	LB136273
	Beryllium	523	500	105	420	570	06/25/2025	15:51	LB136273
	Cadmium	985	970	102	826	1120	06/25/2025	15:51	LB136273
	Calcium	239000	230000	104	199000	271000	06/25/2025	15:51	LB136273
	Chromium	555	540	103	460	624	06/25/2025	15:51	LB136273
	Cobalt	507	480	106	404	548	06/25/2025	15:51	LB136273
	Copper	483	510	95	434	588	06/25/2025	15:51	LB136273
	Iron	101000	99000	102	84400	114500	06/25/2025	15:51	LB136273
	Lead	49.4	49.0	101	37	61	06/25/2025	15:51	LB136273
	Magnesium	249000	250000	100	210000	286000	06/25/2025	15:51	LB136273
	Manganese	498	510	98	430	584	06/25/2025	15:51	LB136273
	Nickel	968	950	102	810	1100	06/25/2025	15:51	LB136273
	Potassium	4.79			0	0	06/25/2025	15:51	LB136273
	Selenium	48.1	46.0	105	26	66	06/25/2025	15:51	LB136273
	Silver	206	200	103	170	232	06/25/2025	15:51	LB136273

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

ICS Source: EPA **Instrument ID:** P5

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	209			0	0	06/25/2025	15:51	LB136273
	Thallium	96.1	110	87	68	148	06/25/2025	15:51	LB136273
	Vanadium	488	490	100	417	565	06/25/2025	15:51	LB136273
	Zinc	1020	950	107	809	1095	06/25/2025	15:51	LB136273

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2372

contract: GENV01 **lab code:** CHEM **case no.:** Q2372 **sas no.:** Q2372

matrix: Water **sample id:** Q2372-02 **client id:** GAV2WMS

Percent Solids for Sample: NA **Spiked ID:** Q2372-02MS **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	5.28		2.71		4.0	64	N	CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2372

contract: GENV01 **lab code:** CHEM **case no.:** Q2372 **sas no.:** Q2372

matrix: Water **sample id:** Q2372-02 **client id:** GAV2WMSD

Percent Solids for Sample: NA **Spiked ID:** Q2372-02MSD **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	5.34		2.71		4.0	66	N	CV

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2372

contract: GENV01 **lab code:** CHEM **case no.:** Q2372 **sas no.:** Q2372

matrix: Water **sample id:** Q2385-01 **client id:** A5311MS

Percent Solids for Sample: NA **Spiked ID:** Q2385-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1110		63.7		1000	105		P
Antimony	ug/L	75 - 125	421		3.62	J	400	104		P
Arsenic	ug/L	75 - 125	390		10.0	U	400	98		P
Barium	ug/L	75 - 125	161		56.7		100	104		P
Beryllium	ug/L	75 - 125	108		3.00	U	100	108		P
Cadmium	ug/L	75 - 125	99.8		3.00	U	100	100		P
Calcium	ug/L	75 - 125	34100		33300		500	161		P
Chromium	ug/L	75 - 125	212		5.00	U	200	106		P
Cobalt	ug/L	75 - 125	108		7.25	J	100	101		P
Copper	ug/L	75 - 125	162		10.0	U	150	108		P
Iron	ug/L	75 - 125	1910		286		1500	108		P
Lead	ug/L	75 - 125	489		3.23	J	500	97		P
Magnesium	ug/L	75 - 125	16800		15600		1000	119		P
Manganese	ug/L	75 - 125	133		28.1		100	105		P
Nickel	ug/L	75 - 125	250		20.0	U	250	100		P
Potassium	ug/L	75 - 125	7520		1810		5000	114		P
Selenium	ug/L	75 - 125	982		10.0	U	1000	98		P
Silver	ug/L	75 - 125	34.6		5.00	U	37.5	92		P
Sodium	ug/L	75 - 125	45800		44200		1500	107		P
Thallium	ug/L	75 - 125	971		20.0	U	1000	97		P
Vanadium	ug/L	75 - 125	159		20.0	U	150	106		P
Zinc	ug/L	75 - 125	109		4.12	J	100	105		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2372

contract: GENV01 **lab code:** CHEM **case no.:** Q2372 **sas no.:** Q2372

matrix: Water **sample id:** Q2385-01 **client id:** A5311MSD

Percent Solids for Sample: NA **Spiked ID:** Q2385-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1060		63.7		1000	99		P
Antimony	ug/L	75 - 125	413		3.62	J	400	102		P
Arsenic	ug/L	75 - 125	383		10.0	U	400	96		P
Barium	ug/L	75 - 125	158		56.7		100	102		P
Beryllium	ug/L	75 - 125	107		3.00	U	100	107		P
Cadmium	ug/L	75 - 125	97.6		3.00	U	100	98		P
Calcium	ug/L	75 - 125	33900		33300		500	114		P
Chromium	ug/L	75 - 125	209		5.00	U	200	104		P
Cobalt	ug/L	75 - 125	106		7.25	J	100	98		P
Copper	ug/L	75 - 125	159		10.0	U	150	106		P
Iron	ug/L	75 - 125	1880		286		1500	106		P
Lead	ug/L	75 - 125	478		3.23	J	500	95		P
Magnesium	ug/L	75 - 125	16500		15600		1000	98		P
Manganese	ug/L	75 - 125	131		28.1		100	103		P
Nickel	ug/L	75 - 125	244		20.0	U	250	98		P
Potassium	ug/L	75 - 125	7410		1810		5000	112		P
Selenium	ug/L	75 - 125	960		10.0	U	1000	96		P
Silver	ug/L	75 - 125	29.7		5.00	U	37.5	79		P
Sodium	ug/L	75 - 125	45400		44200		1500	85		P
Thallium	ug/L	75 - 125	952		20.0	U	1000	95		P
Vanadium	ug/L	75 - 125	158		20.0	U	150	105		P
Zinc	ug/L	75 - 125	108		4.12	J	100	104		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Matrix: Water **Level:** LOW **Client ID:** GAV2WA

Sample ID: Q2372-02 **Spiked ID:** Q2372-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	5.70		2.71		4.00	75		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Matrix: Water **Sample ID:** Q2372-02 **Client ID:** GAV2WDUP

Percent Solids for Sample: NA **Duplicate ID** Q2372-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.71		2.70		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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Matrix: Water **Sample ID:** Q2372-02MS **Client ID:** GAV2WMSD

Percent Solids for Sample: NA **Duplicate ID** Q2372-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	5.28		5.34		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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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Matrix: Water **Sample ID:** Q2385-01 **Client ID:** A5311DUP

Percent Solids for Sample: NA **Duplicate ID** Q2385-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	63.7		62.9		1		P
Antimony	ug/L	20	3.62	J	3.43	J	5		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	56.7		57.3		1		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	33300		33600		1		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	7.25	J	7.16	J	1		P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	286		289		1		P
Lead	ug/L	20	3.23	J	3.36	J	4		P
Magnesium	ug/L	20	15600		15500		1		P
Manganese	ug/L	20	28.1		29.1		3		P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	1810		1830		1		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	44200		44600		1		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	4.12	J	4.29	J	4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Matrix: Water **Sample ID:** Q2385-01MS **Client ID:** A5311MSD

Percent Solids for Sample: NA **Duplicate ID** Q2385-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1110		1060		5		P
Antimony	ug/L	20	421		413		2		P
Arsenic	ug/L	20	390		383		2		P
Barium	ug/L	20	161		158		2		P
Beryllium	ug/L	20	108		107		1		P
Cadmium	ug/L	20	99.8		97.6		2		P
Calcium	ug/L	20	34100		33900		1		P
Chromium	ug/L	20	212		209		1		P
Cobalt	ug/L	20	108		106		2		P
Copper	ug/L	20	162		159		2		P
Iron	ug/L	20	1910		1880		2		P
Lead	ug/L	20	489		478		2		P
Magnesium	ug/L	20	16800		16500		2		P
Manganese	ug/L	20	133		131		2		P
Nickel	ug/L	20	250		244		2		P
Potassium	ug/L	20	7520		7410		1		P
Selenium	ug/L	20	982		960		2		P
Silver	ug/L	20	34.6		29.7		15		P
Sodium	ug/L	20	45800		45400		1		P
Thallium	ug/L	20	971		952		2		P
Vanadium	ug/L	20	159		158		1		P
Zinc	ug/L	20	109		108		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

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168568BS							
Mercury	ug/L	4.0	3.76		94	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168583BS							
Aluminum	ug/L	1000	1010		101	80 - 120	P
Antimony	ug/L	400	411		103	80 - 120	P
Arsenic	ug/L	400	364		91	80 - 120	P
Barium	ug/L	100	101		101	80 - 120	P
Beryllium	ug/L	100	106		106	80 - 120	P
Cadmium	ug/L	100	96.5		96	80 - 120	P
Calcium	ug/L	500	493	J	99	80 - 120	P
Chromium	ug/L	200	201		100	80 - 120	P
Cobalt	ug/L	100	98.5		98	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Iron	ug/L	1500	1570		105	80 - 120	P
Lead	ug/L	500	481		96	80 - 120	P
Magnesium	ug/L	1000	1030		103	80 - 120	P
Manganese	ug/L	100	103		103	80 - 120	P
Nickel	ug/L	250	248		99	80 - 120	P
Potassium	ug/L	5000	4140		83	80 - 120	P
Selenium	ug/L	1000	1020		102	80 - 120	P
Silver	ug/L	37.5	38.2		102	80 - 120	P
Sodium	ug/L	1500	1420		95	80 - 120	P
Thallium	ug/L	1000	1010		101	80 - 120	P
Vanadium	ug/L	150	149		99	80 - 120	P
Zinc	ug/L	100	104		104	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

GAV2WL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136227 **Lab Sample ID :** Q2372-02L **SDG No.:** Q2372

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	2.71		2.90		7		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

A5311L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136273 **Lab Sample ID :** Q2385-01L **SDG No.:** Q2372

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	63.7		250	U	100.0		P
Antimony	3.62	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	56.7		54.3	J	4		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	33300		34100		2		P
Chromium	5.00	U	25.0	U			P
Cobalt	7.25	J	13.8	J	90		P
Copper	10.0	U	50.0	U			P
Iron	286		292		2		P
Lead	3.23	J	7.16	J	122		P
Magnesium	15600		16200		4		P
Manganese	28.1		36.1	J	28		P
Nickel	20.0	U	100	U			P
Potassium	1810		5000	U	100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	44200		44900		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	4.12	J	100	U	100.0		P

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2372 **Sas no.:** Q2372 **Sdg no.:** Q2372

Instrument id number: **Method:** **Run number:** LB136227

Start date: 06/23/2025 **End date:** 06/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1211	HG
S0.2	S0.2	1	1213	HG
S2.5	S2.5	1	1215	HG
S5	S5	1	1218	HG
S7.5	S7.5	1	1223	HG
S10	S10	1	1225	HG
ICV01	ICV01	1	1228	HG
ICB01	ICB01	1	1230	HG
CCV01	CCV01	1	1233	HG
CCB01	CCB01	1	1235	HG
CRA	CRA	1	1237	HG
CCV02	CCV02	1	1303	HG
CCB02	CCB02	1	1305	HG
PB168568BL	PB168568BL	1	1316	HG
PB168568BS	PB168568BS	1	1319	HG
CCV03	CCV03	1	1330	HG
CCB03	CCB03	1	1332	HG
Q2372-01	GAV1W	1	1337	HG
Q2372-02	GAV2W	1	1339	HG
Q2372-02DUP	GAV2WDUP	1	1341	HG
Q2372-02MS	GAV2WMS	1	1347	HG
Q2372-02MSD	GAV2WMSD	1	1349	HG
CCV04	CCV04	1	1351	HG
CCB04	CCB04	1	1353	HG
Q2372-02L	GAV2WL	5	1415	HG
Q2372-02A	GAV2WA	1	1417	HG
CCV05	CCV05	1	1420	HG
CCB05	CCB05	1	1422	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2372 **Sas no.:** Q2372 **Sdg no.:** Q2372

Instrument id number: **Method:** **Run number:** LB136255

Start date: 06/24/2025 **End date:** 06/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1755	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	1800	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	1804	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	1829	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	1834	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	1838	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	1843	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	1908	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	1912	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	1917	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	1921	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	1934	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	1939	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168583BL	PB168583BL	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168583BS	PB168583BS	1	1956	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	2037	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	2041	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	2129	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	2133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2372-01	GAV1W	1	2138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2372-02	GAV2W	1	2142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V
CCV04	CCV04	1	2222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLCCV01	LLCCV01	1	2247	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	2301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2372-02	GAV2W	100	2341	Zn
CCV05	CCV05	1	2346	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	2350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2372 **Sas no.:** Q2372 **Sdg no.:** Q2372

Instrument id number: **Method:** **Run number:** LB136273

Start date: 06/25/2025 **End date:** 06/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1236	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1308	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	1320	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	1453	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	1524	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	1529	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	1551	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	1604	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	1609	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2385-01DUP	A5311DUP	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2385-01L	A5311L	5	1622	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2385-01MS	A5311MS	1	1626	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2385-01MSD	A5311MSD	1	1631	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	1657	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	1709	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	1800	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	1807	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	1855	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	1859	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	1952	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	1957	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	2046	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	2050	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	2112	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	2116	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
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2372 **SAS No.:** Q2372

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:	Q2372	**OrderDate:**	6/19/2025 2:53:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	**GAV1W**	**Water**			**06/19/25**			**06/19/25**
			Mercury	7470A		06/20/25	06/23/25	
			Metals ICP-TAL	6010D		06/23/25	06/24/25	
Q2372-02	**GAV2W**	**Water**			**06/19/25**			**06/19/25**
			Mercury	7470A		06/20/25	06/23/25	
			Metals ICP-TAL	6010D		06/23/25	06/24/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2372 **SAS No.:** Q2372

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168568**						
PB168568BL	PB168568BL	MB	WATER	06/20/2025	30.0	30.0	
PB168568BS	PB168568BS	LCS	WATER	06/20/2025	30.0	30.0	
Q2372-01	GAV1W	SAM	WATER	06/20/2025	30.0	30.0	
Q2372-02	GAV2W	SAM	WATER	06/20/2025	30.0	30.0	
Q2372-02DUP	GAV2WDUP	DUP	WATER	06/20/2025	30.0	30.0	
Q2372-02MS	GAV2WMS	MS	WATER	06/20/2025	30.0	30.0	
Q2372-02MSD	GAV2WMSD	MSD	WATER	06/20/2025	30.0	30.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2372

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2372 **SAS No.:** Q2372

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168583**						
PB168583BL	PB168583BL	MB	WATER	06/23/2025	50.0	25.0	
PB168583BS	PB168583BS	LCS	WATER	06/23/2025	50.0	25.0	
Q2372-01	GAV1W	SAM	WATER	06/23/2025	50.0	25.0	
Q2372-02	GAV2W	SAM	WATER	06/23/2025	50.0	25.0	
Q2385-01DUP	A5311DUP	DUP	WATER	06/23/2025	50.0	25.0	
Q2385-01MS	A5311MS	MS	WATER	06/23/2025	50.0	25.0	
Q2385-01MSD	A5311MSD	MSD	WATER	06/23/2025	50.0	25.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136227

Review By	jaswal	Review On	6/23/2025 11:42:07 PM
Supervise By	Janvi	Supervise On	6/25/2025 8:44:30 AM

STD. NAME	STD REF.#
ICAL Standard	MP86020,MP86021,MP86022,MP86023,MP86024,MP86025
ICV Standard	MP86026
CCV Standard	MP86028
ICSA Standard	
CRI Standard	MP86030
LCS Standard	
Chk Standard	MP86027,MP86029,MP86031,MP86156

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/23/25 12:11		MOHAN	OK
2	S0.2	S0.2	CAL2	06/23/25 12:13		MOHAN	OK
3	S2.5	S2.5	CAL3	06/23/25 12:15		MOHAN	OK
4	S5	S5	CAL4	06/23/25 12:18		MOHAN	OK
5	S7.5	S7.5	CAL5	06/23/25 12:23		MOHAN	OK
6	S10	S10	CAL6	06/23/25 12:25		MOHAN	OK
7	ICV01	ICV01	ICV	06/23/25 12:28		MOHAN	OK
8	ICB01	ICB01	ICB	06/23/25 12:30		MOHAN	OK
9	CCV01	CCV01	CCV	06/23/25 12:33		MOHAN	OK
10	CCB01	CCB01	CCB	06/23/25 12:35		MOHAN	OK
11	CRA	CRA	CRDL	06/23/25 12:37		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/23/25 12:39		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/23/25 12:42		MOHAN	OK
14	PB168567BL	PB168567BL	MB	06/23/25 12:44		MOHAN	OK
15	PB168567BS	PB168567BS	LCS	06/23/25 12:49		MOHAN	OK
16	Q2354-02	3321	SAM	06/23/25 12:51		MOHAN	OK
17	Q2355-02	3897	SAM	06/23/25 12:54		MOHAN	OK
18	Q2362-04	TP-11	SAM	06/23/25 12:56		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136227

Review By	jaswal	Review On	6/23/2025 11:42:07 PM
Supervise By	Janvi	Supervise On	6/25/2025 8:44:30 AM

STD. NAME	STD REF.#
ICAL Standard	MP86020,MP86021,MP86022,MP86023,MP86024,MP86025
ICV Standard	MP86026
CCV Standard	MP86028
ICSA Standard	
CRI Standard	MP86030
LCS Standard	
Chk Standard	MP86027,MP86029,MP86031,MP86156

19	Q2362-08	EP-6	SAM	06/23/25 12:58		MOHAN	OK
20	Q2367-04	EP-4	SAM	06/23/25 13:00		MOHAN	OK
21	CCV02	CCV02	CCV	06/23/25 13:03		MOHAN	OK
22	CCB02	CCB02	CCB	06/23/25 13:05		MOHAN	OK
23	Q2367-08	EP-5	SAM	06/23/25 13:07		MOHAN	OK
24	Q2367-08DUP	EP-5DUP	DUP	06/23/25 13:09		MOHAN	OK
25	Q2367-08MS	EP-5MS	MS	06/23/25 13:12		MOHAN	OK
26	Q2367-08MSD	EP-5MSD	MSD	06/23/25 13:14		MOHAN	OK
27	PB168568BL	PB168568BL	MB	06/23/25 13:16		MOHAN	OK
28	PB168568BS	PB168568BS	LCS	06/23/25 13:19		MOHAN	OK
29	Q2351-01	FAIRLAWN-SUMP	SAM	06/23/25 13:21		MOHAN	OK
30	Q2352-01	292	SAM	06/23/25 13:23		MOHAN	OK
31	Q2354-04	3310	SAM	06/23/25 13:25		MOHAN	OK
32	Q2354-05	3311	SAM	06/23/25 13:28		MOHAN	OK
33	CCV03	CCV03	CCV	06/23/25 13:30		MOHAN	OK
34	CCB03	CCB03	CCB	06/23/25 13:32		MOHAN	OK
35	Q2355-05	3909	SAM	06/23/25 13:34		MOHAN	OK
36	Q2372-01	GAV1W	SAM	06/23/25 13:37		MOHAN	OK
37	Q2372-02	GAV2W	SAM	06/23/25 13:39		MOHAN	OK
38	Q2372-02DUP	GAV2WDUP	DUP	06/23/25 13:41		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136227

Review By	jaswal	Review On	6/23/2025 11:42:07 PM
Supervise By	Janvi	Supervise On	6/25/2025 8:44:30 AM

STD. NAME	STD REF.#
ICAL Standard	MP86020,MP86021,MP86022,MP86023,MP86024,MP86025
ICV Standard	MP86026
CCV Standard	MP86028
ICSA Standard	
CRI Standard	MP86030
LCS Standard	
Chk Standard	MP86027,MP86029,MP86031,MP86156

39	Q2372-02MS	GAV2WMS	MS	06/23/25 13:47		MOHAN	OK
40	Q2372-02MSD	GAV2WMSD	MSD	06/23/25 13:49		MOHAN	OK
41	CCV04	CCV04	CCV	06/23/25 13:51		MOHAN	OK
42	CCB04	CCB04	CCB	06/23/25 13:53		MOHAN	OK
43	PB168544TB	PB168544TB	MB	06/23/25 13:56		MOHAN	OK
44	Q2367-08L	EP-5L	SD	06/23/25 13:58		MOHAN	OK
45	Q2367-08A	EP-5A	PS	06/23/25 14:03		MOHAN	OK
46	Q2372-02L	GAV2WL	SD	06/23/25 14:15		MOHAN	OK
47	Q2372-02A	GAV2WA	PS	06/23/25 14:17		MOHAN	OK
48	CCV05	CCV05	CCV	06/23/25 14:20		MOHAN	OK
49	CCB05	CCB05	CCB	06/23/25 14:22		MOHAN	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136255

Review By	Janvi	Review On	6/25/2025 7:44:51 PM
Supervise By	jaswal	Supervise On	6/30/2025 2:47:18 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/24/25 17:55		Jaswal	OK
2	S1	S1	CAL2	06/24/25 18:00		Jaswal	OK
3	S2	S2	CAL3	06/24/25 18:04		Jaswal	OK
4	S3	S3	CAL4	06/24/25 18:29		Jaswal	OK
5	S4	S4	CAL5	06/24/25 18:34		Jaswal	OK
6	S5	S5	CAL6	06/24/25 18:38		Jaswal	OK
7	ICV01	ICV01	ICV	06/24/25 18:43	ICV fail for Mo	Jaswal	OK
8	ICB01	ICB01	ICB	06/24/25 19:08		Jaswal	OK
9	CRI01	CRI01	CRDL	06/24/25 19:12		Jaswal	OK
10	ICSA01	ICSA01	ICSA	06/24/25 19:17		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	06/24/25 19:21		Jaswal	OK
12	ICSADL	ICSADL	ICSA	06/24/25 19:25		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	06/24/25 19:30		Jaswal	OK
14	CCV01	CCV01	CCV	06/24/25 19:34		Jaswal	OK
15	CCB01	CCB01	CCB	06/24/25 19:39		Jaswal	OK
16	PB168584BL	PB168584BL	MB	06/24/25 19:43		Jaswal	OK
17	PB168584BS	PB168584BS	LCS	06/24/25 19:48		Jaswal	OK
18	PB168583BL	PB168583BL	MB	06/24/25 19:52		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136255

Review By	Janvi	Review On	6/25/2025 7:44:51 PM
Supervise By	jaswal	Supervise On	6/30/2025 2:47:18 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	
LCS Standard	
Chk Standard	MP85876,MP85877

19	PB168583BS	PB168583BS	LCS	06/24/25 19:56		Jaswal	OK
20	Q2380-01	72-11948	SAM	06/24/25 20:01		Jaswal	OK
21	Q2380-03	VNJ-211	SAM	06/24/25 20:05	Na oversaturated	Jaswal	Dilution
22	Q2380-05	RBR-200059	SAM	06/24/25 20:09	Na oversaturated	Jaswal	Dilution
23	Q2381-01	291431	SAM	06/24/25 20:14	Bad Injection	Jaswal	Not Ok
24	Q2381-01DUP	291431DUP	DUP	06/24/25 20:18	NOT USE	Jaswal	Not Ok
25	Q2381-01L	291431L	SD	06/24/25 20:32	NOT USE	Jaswal	Not Ok
26	CCV02	CCV02	CCV	06/24/25 20:37		Jaswal	OK
27	CCB02	CCB02	CCB	06/24/25 20:41		Jaswal	OK
28	Q2381-01MS	291431MS	MS	06/24/25 20:45	NOT USE	Jaswal	Not Ok
29	Q2381-01MSD	291431MSD	MSD	06/24/25 20:50	NOT USE	Jaswal	Not Ok
30	Q2381-01A	291431A	PS	06/24/25 20:54	NOT USE	Jaswal	Not Ok
31	Q2381-03	VNJ-207	SAM	06/24/25 20:58		Jaswal	OK
32	Q2381-05	72-11929	SAM	06/24/25 21:03		Jaswal	OK
33	Q2383-01RE	RT-5376RE	SAM	06/24/25 21:07	NOT USE	Jaswal	Not Ok
34	Q2384-01RE	OK-01-6202025RE	SAM	06/24/25 21:11	NOT USE	Jaswal	Not Ok
35	Q2386-01RE	SU-1-062025RE	SAM	06/24/25 21:16	NOT USE	Jaswal	Not Ok
36	Q2388-01	TP-12	SAM	06/24/25 21:20		Jaswal	OK
37	Q2389-01	MH-J-I	SAM	06/24/25 21:24		Jaswal	OK
38	CCV03	CCV03	CCV	06/24/25 21:29		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136255

Review By	Janvi	Review On	6/25/2025 7:44:51 PM
Supervise By	jaswal	Supervise On	6/30/2025 2:47:18 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCB03	CCB03	CCB	06/24/25 21:33		Jaswal	OK
40	Q2372-01	GAV1W	SAM	06/24/25 21:38		Jaswal	OK
41	Q2372-02	GAV2W	SAM	06/24/25 21:42	Zn high	Jaswal	Dilution
42	Q2375-01	RW8-SP100-2025061	SAM	06/24/25 21:47		Jaswal	OK
43	Q2375-02	RW8-SP303-2025061	SAM	06/24/25 21:51		Jaswal	OK
44	Q2382-01	FMI109	SAM	06/24/25 21:56		Jaswal	OK
45	Q2385-01	A5311	SAM	06/24/25 22:00	ICV fail for Mo	Jaswal	Not Ok
46	Q2385-01DUP	A5311DUP	DUP	06/24/25 22:05	ICV fail for Mo	Jaswal	Not Ok
47	Q2385-01L	A5311L	SD	06/24/25 22:09	ICV fail for Mo	Jaswal	Not Ok
48	Q2385-01MS	A5311MS	MS	06/24/25 22:14	ICV fail for Mo	Jaswal	Not Ok
49	Q2385-01MSD	A5311MSD	MSD	06/24/25 22:18	ICV fail for Mo	Jaswal	Not Ok
50	CCV04	CCV04	CCV	06/24/25 22:22		Jaswal	OK
51	LLCCV01	LLCCV01	LLCCV	06/24/25 22:47		Jaswal	OK
52	CCB04	CCB04	CCB	06/24/25 23:01		Jaswal	OK
53	Q2385-01A	A5311A	PS	06/24/25 23:06	ICV fail for Mo	Jaswal	Not Ok
54	Q2383-01	RT-5376	SAM	06/24/25 23:10		Jaswal	OK
55	Q2384-01	OK-01-6202025	SAM	06/24/25 23:15		Jaswal	OK
56	Q2386-01	SU-1-062025	SAM	06/24/25 23:19		Jaswal	OK
57	Q2381-01RE	291431RE	SAM	06/24/25 23:24	NOT USE	Jaswal	Not Ok
58	Q2372-02DL	GAV2WDL	SAM	06/24/25 23:28	NOT USE	Jaswal	Not Ok

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136255

Review By	Janvi	Review On	6/25/2025 7:44:51 PM
Supervise By	jaswal	Supervise On	6/30/2025 2:47:18 AM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2375-01DL	RW8-SP100-2025061	SAM	06/24/25 23:32	NOT USE	Jaswal	Not Ok
60	Q2381-01DL	291431DL	SAM	06/24/25 23:37	NOT USE	Jaswal	Not Ok
61	Q2372-02DL2	GAV2WDL2	SAM	06/24/25 23:41	100x for Zn	Jaswal	Confirms
62	CCV05	CCV05	CCV	06/24/25 23:46		Jaswal	OK
63	CCB05	CCB05	CCB	06/24/25 23:50		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/25/25 12:23		Jaswal	OK
2	S1	S1	CAL2	06/25/25 12:27		Jaswal	OK
3	S2	S2	CAL3	06/25/25 12:32		Jaswal	OK
4	S3	S3	CAL4	06/25/25 12:36		Jaswal	OK
5	S4	S4	CAL5	06/25/25 12:40		Jaswal	OK
6	S5	S5	CAL6	06/25/25 12:44		Jaswal	OK
7	ICV01	ICV01	ICV	06/25/25 13:08	ICV fail for Sb,Cu (200.7) (95-105)	Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/25/25 13:20		Jaswal	OK
9	ICB01	ICB01	ICB	06/25/25 14:53		Jaswal	OK
10	CRI01	CRI01	CRDL	06/25/25 15:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/25/25 15:29		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/25/25 15:51		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/25/25 15:55		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/25/25 15:59		Jaswal	OK
15	CCV01	CCV01	CCV	06/25/25 16:04		Jaswal	OK
16	CCB01	CCB01	CCB	06/25/25 16:09		Jaswal	OK
17	Q2385-01	A5311	SAM	06/25/25 16:13		Jaswal	OK
18	Q2385-01DUP	A5311DUP	DUP	06/25/25 16:17		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2385-01L	A5311L	SD	06/25/25 16:22		Jaswal	OK
20	Q2385-01MS	A5311MS	MS	06/25/25 16:26		Jaswal	OK
21	Q2385-01MSD	A5311MSD	MSD	06/25/25 16:31		Jaswal	OK
22	Q2385-01A	A5311A	PS	06/25/25 16:35		Jaswal	OK
23	Q2354-05DL	3311DL	SAM	06/25/25 16:39	5X for K	Jaswal	Confirms
24	Q2355-02	3897	SAM	06/25/25 16:44		Jaswal	OK
25	Q2362-04	TP-11	SAM	06/25/25 16:48		Jaswal	OK
26	Q2364-04DL	GAV2BDL	SAM	06/25/25 16:53	5X for Zn,Still high	Jaswal	Dilution
27	CCV02	CCV02	CCV	06/25/25 16:57		Jaswal	OK
28	CCB02	CCB02	CCB	06/25/25 17:09		Jaswal	OK
29	Q2364-04DL2	GAV2BDL2	SAM	06/25/25 17:15	10X for Zn	Jaswal	Confirms
30	Q2380-03DL	VNJ-211DL	SAM	06/25/25 17:24	5X for Na	Jaswal	Confirms
31	Q2380-05DL	RBR-200059DL	SAM	06/25/25 17:28	5X for Na	Jaswal	Confirms
32	Q2381-01	291431	SAM	06/25/25 17:33		Jaswal	Not Ok
33	Q2381-01DUP	291431DUP	DUP	06/25/25 17:37	Na oversaturated	Jaswal	Not Ok
34	Q2381-01L	291431L	SD	06/25/25 17:41	Bad Injection	Jaswal	Not Ok
35	Q2381-01MS	291431MS	MS	06/25/25 17:46	Bad Injection	Jaswal	Not Ok
36	Q2381-01MSD	291431MSD	MSD	06/25/25 17:50		Jaswal	Not Ok
37	Q2381-01A	291431A	PS	06/25/25 17:55	Bad Injection	Jaswal	Not Ok
38	CCV03	CCV03	CCV	06/25/25 18:00		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCB03	CCB03	CCB	06/25/25 18:07		Jaswal	OK
40	Q2367-04	EP-4	SAM	06/25/25 18:12		Jaswal	OK
41	Q2386-02	SU-1-062025	SAM	06/25/25 18:16		Jaswal	OK
42	Q2392-01	S-1	SAM	06/25/25 18:21		Jaswal	OK
43	Q2381-01DL	291431DL	SAM	06/25/25 18:29	Not use	Jaswal	Not Ok
44	Q2381-01DUPDL	291431DUPDL	DUP	06/25/25 18:34	Not use	Jaswal	Not Ok
45	Q2381-01LDL	291431LDL	SD	06/25/25 18:38	Not use	Jaswal	Not Ok
46	Q2381-01MSDL	291431MSDL	MS	06/25/25 18:42	Not use	Jaswal	Not Ok
47	Q2381-01MSDDL	291431MSDDL	MSD	06/25/25 18:47	Not use	Jaswal	Not Ok
48	Q2381-01ADL	291431ADL	PS	06/25/25 18:51	Not use	Jaswal	Not Ok
49	CCV04	CCV04	CCV	06/25/25 18:55		Jaswal	OK
50	CCB04	CCB04	CCB	06/25/25 18:59		Jaswal	OK
51	Q2426-01	001-WILLETS-PT-BL\	SAM	06/25/25 19:04		Jaswal	OK
52	Q2426-02	002-35th-Ave(May)	SAM	06/25/25 19:09		Jaswal	OK
53	Q2388-04	TP-12	SAM	06/25/25 19:13		Jaswal	OK
54	Q2389-04	MH-J-I	SAM	06/25/25 19:18	Bad Injection	Jaswal	Not Ok
55	Q2391-01	AUD-1623	SAM	06/25/25 19:22		Jaswal	OK
56	Q2394-04	MH-K/L	SAM	06/25/25 19:29	Bad Injection	Jaswal	Not Ok
57	Q2399-04	TP-13	SAM	06/25/25 19:34		Jaswal	OK
58	Q2399-08	EP-7	SAM	06/25/25 19:39		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2405-04	MH-M/N	SAM	06/25/25 19:43		Jaswal	OK
60	PB168571TB	PB168571TB	MB	06/25/25 19:48		Jaswal	OK
61	CCV05	CCV05	CCV	06/25/25 19:52		Jaswal	OK
62	CCB05	CCB05	CCB	06/25/25 19:57		Jaswal	OK
63	PB168613BL	PB168613BL	MB	06/25/25 20:01	CCB fail for Cr	Jaswal	Not Ok
64	PB168613BS	PB168613BS	LCS	06/25/25 20:06	CCB fail for Cr	Jaswal	Not Ok
65	Q2409-02	COP-SOIL-PILE	SAM	06/25/25 20:10	CCB fail for Cr	Jaswal	Not Ok
66	Q2409-02DUP	COP-SOIL-PILEDUP	DUP	06/25/25 20:14	CCB fail for Cr	Jaswal	Not Ok
67	Q2409-02L	COP-SOIL-PILEL	SD	06/25/25 20:19	CCB fail for Cr	Jaswal	Not Ok
68	Q2409-02MS	COP-SOIL-PILEMS	MS	06/25/25 20:23	CCB fail for Cr	Jaswal	Not Ok
69	Q2409-02MSD	COP-SOIL-PILEMSD	MSD	06/25/25 20:28	CCB fail for Cr	Jaswal	Not Ok
70	Q2409-02A	COP-SOIL-PILEA	PS	06/25/25 20:32	CCB fail for Cr	Jaswal	Not Ok
71	Q2381-01DL2	291431DL2	SAM	06/25/25 20:37	CCB fail for Cr	Jaswal	Not Ok
72	Q2381-01DUPDL2	291431DUPDL2	DUP	06/25/25 20:41	CCB fail for Cr	Jaswal	Not Ok
73	CCV06	CCV06	CCV	06/25/25 20:46		Jaswal	OK
74	CCB06	CCB06	CCB	06/25/25 20:50	Fail for Cr	Jaswal	OK
75	Q2381-01LDL2	291431LDL2	SD	06/25/25 20:54	CCB fail for Cr	Jaswal	Not Ok
76	Q2381-01MSDL2	291431MSDL2	MS	06/25/25 20:59	CCB fail for Cr	Jaswal	Not Ok
77	Q2381-01MSDDL2	291431MSDDL2	MSD	06/25/25 21:03	CCB fail for Cr	Jaswal	Not Ok
78	Q2381-01ADL2	291431ADL2	PS	06/25/25 21:07	CCB fail for Cr	Jaswal	Not Ok

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

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136273

Review By	Janvi	Review On	6/26/2025 11:24:19 AM
Supervise By	jaswal	Supervise On	6/26/2025 3:29:22 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

79	CCV07	CCV07	CCV	06/25/25 21:12		Jaswal	OK
80	CCB07	CCB07	CCB	06/25/25 21:16		Jaswal	OK

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168568
PB16856

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/20/2025 **Time :** 15:15 **Temp :** 94 °C

End Digest Date: 06/20/2025 **Time :** 17:15 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: 12

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86026
CCV	30mL	MP86028
CRA	30mL	MP86030
Blank Spike	0.48mL	MP86019
Matrix Spike	0.48mL	MP86019

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895I
N/A	N/A	N/A
N/A	N/A	N/A
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	MP86020
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86021
2.5 ppb	S2.5	30mL	MP86022
5.0 ppb	S5.0	30mL	MP86023
7.5 ppb	S7.5	30mL	MP86024
10.0 ppb	S10.0	30mL	MP86025
ICV	ICV	30mL	MP86026
ICB	ICB	30mL	MP86027
CCV	CCV	30mL	MP86028
CCB	CCB	30mL	MP86029
CRI	CRI	30mL	MP86030
CHK STD	CHK STD	30mL	MP86031

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/20/25 17:40	MB - Dig. Lab	MB - Received Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168568

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168568BL	PBW568	30	30	<2	N/A	3-13
PB168568BS	LCS568	30	30	<2	MP86019	14
Q2351-01	FAIRLAWN-SUMP	30	30	<2	N/A	15
Q2352-01	292	30	30	<2	N/A	16
Q2354-04	3310	30	30	<2	N/A	17
Q2354-05	3311	30	30	<2	N/A	18
Q2355-05	3909	30	30	<2	N/A	19
Q2372-01	GAV1W	30	30	<2	N/A	20
Q2372-02	GAV2W	30	30	<2	N/A	21
Q2372-02DUP	GAV2WDUP	30	30	<2	N/A	22
Q2372-02MS	GAV2WMS	30	30	<2	MP86019	23
Q2372-02MSD	GAV2WMSD	30	30	<2	MP86019	24

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168583

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 #2 2. N/A

Start Digest Date: 06/23/2025 **Time :** 10:31 **Temp :** 96 °C

End Digest Date: 06/23/2025 **Time :** 13:40 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLDG.

Supervisor Signature: JSP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
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	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
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
06/23/25 14:40	SKS. met. dig	JSP / Met Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168583

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168583BL	PBW583	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168583BS	LCS583	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	2
Q2372-01	GAV1W	<2	50	25	Brown	ligh Btrown	Cloudy	Clear	N/A	3
Q2372-02	GAV2W	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2375-01	RW8-SP100-20250619	<2	50	25	light Brown	ligh Btrown	Cloudy	Clear	N/A	5
Q2375-02	RW8-SP303-20250619	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2382-01	FMI109	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2385-01	A5311	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2385-01MS	A5311MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	10
Q2385-01MSD	A5311MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	11
Q2385-01DUP	A5311DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9