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

Hit Summary Sheet
SW-846

SDG No.: Q2825

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**TW1**								
Q2825-01	TW1	Water	Acetone		5.20		1.50	5.00	ug/L
Q2825-01	TW1	Water	Cyclohexane		9.00		1.50	5.00	ug/L
Q2825-01	TW1	Water	Methylcyclohexane		24.0		0.16	1.00	ug/L
Q2825-01	TW1	Water	Ethyl Benzene		1.40		0.13	1.00	ug/L
Q2825-01	TW1	Water	m/p-Xylenes		0.82	J	0.24	2.00	ug/L
Q2825-01	TW1	Water	Isopropylbenzene		3.10		0.12	1.00	ug/L
			Total Voc :		43.5				
Q2825-01	TW1	Water	unknown16.141	*	6.10	J	0	0	ug/L
Q2825-01	TW1	Water	Naphthalene, decahydro-	*	6.60	J	0	0	ug/L
Q2825-01	TW1	Water	Cyclopentane, methyl-	*	6.60	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, 1,2,3,4-tetramethyl-	*	15.6	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, (2-methyl-1-propenyl	*	12.7	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, 1-ethyl-3,5-dimethyl-	*	6.60	J	0	0	ug/L
Q2825-01	TW1	Water	Cyclohexane, ethyl-	*	6.70	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	13.8	J	0	0	ug/L
Q2825-01	TW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	10.0	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	34.4	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, (3-methyl-2-butenyl)-	*	13.0	J	0	0	ug/L
Q2825-01	TW1	Water	Benzene, 1,4-diethyl-2-methyl-	*	10.1	J	0	0	ug/L
Q2825-01	TW1	Water	1,3-Cyclopentadiene, 1,2,3,4-te	*	6.50	J	0	0	ug/L
Q2825-01	TW1	Water	n-propylbenzene	*	5.40	J	0.13	1.00	ug/L
Q2825-01	TW1	Water	1,3,5-Trimethylbenzene	*	1.80	J	0.15	1.00	ug/L
Q2825-01	TW1	Water	tert-Butylbenzene	*	1.20	J	0.14	1.00	ug/L
Q2825-01	TW1	Water	1,2,4-Trimethylbenzene	*	24.4	J	0.14	1.00	ug/L
Q2825-01	TW1	Water	sec-Butylbenzene	*	4.10	J	0.13	1.00	ug/L
Q2825-01	TW1	Water	p-Isopropyltoluene	*	2.60	J	0.13	1.00	ug/L
Q2825-01	TW1	Water	n-Butylbenzene	*	4.30	J	0.15	1.00	ug/L
			Total Tics :		193				
			Total Concentration:		236				

SAMPLE DATA

Raw Data: **VN087535.D**

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

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087535.D	1	08/13/25 15:14	VN081325

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	5.20		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	9.00		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	UQ	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	24.0		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: **VN087535.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087535.D	1	08/13/25 15:14	VN081325

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	1.40		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.82	J	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	3.10		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	60.7		70 (74) - 130 (125)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	8.206			
540-36-3	1,4-Difluorobenzene	488000	9.082			
3114-55-4	Chlorobenzene-d5	445000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	213000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN087535.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087535.D	1	08/13/25 15:14	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000096-37-7	Cyclopentane, methyl-	6.60	J		7.31	ug/L
001678-91-7	Cyclohexane, ethyl-	6.70	J		11.4	ug/L
103-65-1	n-propylbenzene	5.40	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.80	J		13.2	ug/L
98-06-6	tert-Butylbenzene	1.20	J		13.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	24.4	J		13.5	ug/L
135-98-8	sec-Butylbenzene	4.10	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	2.60	J		13.7	ug/L
104-51-8	n-Butylbenzene	4.30	J		14.0	ug/L
000091-17-8	Naphthalene, decahydro-	6.60	J		14.1	ug/L
076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetra	6.50	J		14.3	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	13.8	J		14.3	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	12.7	J		14.4	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	15.6	J		14.6	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	6.60	J		14.7	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	34.4	J		15.0	ug/L
013632-94-5	Benzene, 1,4-diethyl-2-methyl-	10.1	J		15.3	ug/L
004489-84-3	Benzene, (3-methyl-2-butenyl)-	13.0	J		15.4	ug/L
	unknown16.141	6.10	J		16.1	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	10.0	J		16.5	ug/L

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

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

Raw Data: **VN087519.D**

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

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	FB	SDG No.:	Q2825
Lab Sample ID:	Q2825-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087519.D	1	08/12/25 16:57	VN081225

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: **VN087519.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	FB	SDG No.:	Q2825
Lab Sample ID:	Q2825-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087519.D	1	08/12/25 16:57	VN081225

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	60.9		70 (74) - 130 (125)	122%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	51.8		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	239000	8.212			
540-36-3	1,4-Difluorobenzene	520000	9.088			
3114-55-4	Chlorobenzene-d5	475000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	227000	13.77			

Raw Data: **VN087519.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:	08/10/25
Project:	DeCamp			Date Received:	08/11/25
Client Sample ID:	FB			SDG No.:	Q2825
Lab Sample ID:	Q2825-02			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:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087519.D	1	08/12/25 16:57	VN081225

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,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2825

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2825-01	TW1	1,2-Dichloroethane-d4	50	60.7	121		70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100		70 (75)	130 (124)
		Toluene-d8	50	52.3	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.1	104		70 (77)	130 (121)
Q2825-02	FB	1,2-Dichloroethane-d4	50	60.9	122		70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99		70 (75)	130 (124)
		Toluene-d8	50	51.8	104		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103		70 (77)	130 (121)
VN0812WBL01	VN0812WBL01	1,2-Dichloroethane-d4	50	58.4	117		70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101		70 (75)	130 (124)
		Toluene-d8	50	51.3	103		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100		70 (77)	130 (121)
VN0812WBS01	VN0812WBS01	1,2-Dichloroethane-d4	50	53.3	107		70 (74)	130 (125)
		Dibromofluoromethane	50	44.8	90		70 (75)	130 (124)
		Toluene-d8	50	46.2	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.7	97		70 (77)	130 (121)
VN0812WBSD0	VN0812WBSD01	1,2-Dichloroethane-d4	50	54.6	109		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)
		Toluene-d8	50	49.1	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101		70 (77)	130 (121)
VN0813WBL01	VN0813WBL01	1,2-Dichloroethane-d4	50	59.6	119		70 (74)	130 (125)
		Dibromofluoromethane	50	49.7	99		70 (75)	130 (124)
		Toluene-d8	50	52.0	104		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100		70 (77)	130 (121)
VN0813WBS01	VN0813WBS01	1,2-Dichloroethane-d4	50	58.5	117		70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100		70 (75)	130 (124)
		Toluene-d8	50	51.1	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087505.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0812WBS01	Dichlorodifluoromethane	20	22.2	ug/L	111			40 (69)	160 (116)	
	Chloromethane	20	18.1	ug/L	91			40 (65)	160 (116)	
	Vinyl chloride	20	19.3	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	19.8	ug/L	99			40 (58)	160 (125)	
	Chloroethane	20	20.3	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.5	ug/L	98			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.6	ug/L	93			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	18.3	ug/L	92			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.8	ug/L	109			70 (78)	130 (114)	
	Methyl Acetate	20	21.4	ug/L	107			70 (67)	130 (125)	
	Methylene Chloride	20	19.2	ug/L	96			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.1	ug/L	96			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.1	ug/L	101			70 (78)	130 (112)	
	Cyclohexane	20	19.6	ug/L	98			70 (75)	130 (110)	
	2-Butanone	100	98.5	ug/L	99			40 (65)	160 (122)	
	Carbon Tetrachloride	20	17.6	ug/L	88			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.6	ug/L	103			70 (77)	130 (110)	
	Bromochloromethane	20	19.4	ug/L	97			70 (70)	130 (124)	
	Chloroform	20	20.7	ug/L	104			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.3	ug/L	102			70 (80)	130 (108)	
	Methylcyclohexane	20	19.4	ug/L	97			70 (72)	130 (115)	
	Benzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.9	ug/L	100			70 (80)	130 (115)	
	Trichloroethene	20	17.1	ug/L	86			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.3	ug/L	97			70 (83)	130 (111)	
	Bromodichloromethane	20	18.8	ug/L	94			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	93.9	ug/L	94			40 (74)	160 (118)	
	Toluene	20	18.8	ug/L	94			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.2	ug/L	101			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.9	ug/L	100			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			70 (83)	130 (112)	
	2-Hexanone	100	92.3	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	18.7	ug/L	94			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.0	ug/L	95			70 (81)	130 (110)	
	Tetrachloroethene	20	16.2	ug/L	81			70 (67)	130 (123)	
	Chlorobenzene	20	17.8	ug/L	89			70 (82)	130 (109)	
	Ethyl Benzene	20	19.4	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	37.5	ug/L	94			70 (82)	130 (110)	
	o-Xylene	20	19.6	ug/L	98			70 (83)	130 (109)	
	Styrene	20	19.1	ug/L	96			70 (80)	130 (111)	
	Bromoform	20	17.1	ug/L	86			70 (79)	130 (109)	
	Isopropylbenzene	20	21.4	ug/L	107			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087505.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0812WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087506.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0812WBSD01	Dichlorodifluoromethane	20	24.1	ug/L	121	9		40 (69)	160 (116)	20 (19)
	Chloromethane	20	17.4	ug/L	87	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.9	ug/L	100	3		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.3	ug/L	97	2		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.8	ug/L	104	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.9	ug/L	100	2		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/L	106	8		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.3	ug/L	97	4		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.3	ug/L	92	0		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.5	ug/L	108	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	21.1	ug/L	106	1		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.0	ug/L	95	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	3		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.2	ug/L	96	5		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.3	ug/L	102	4		70 (75)	130 (110)	20 (20)
	2-Butanone	100	96.5	ug/L	97	2		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.6	ug/L	93	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	5		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.0	ug/L	105	8		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.1	ug/L	101	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.2	ug/L	101	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	21.2	ug/L	106	9		70 (72)	130 (115)	20 (20)
	Benzene	20	18.8	ug/L	94	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.8	ug/L	99	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.0	ug/L	90	5		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	18.5	ug/L	93	4		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.3	ug/L	97	3		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	95.2	ug/L	95	1		40 (74)	160 (118)	20 (25)
	Toluene	20	18.8	ug/L	94	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.5	ug/L	103	2		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/L	98	2		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	18.9	ug/L	95	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	94.4	ug/L	94	2		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	18.1	ug/L	91	3		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	18.5	ug/L	93	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	17.5	ug/L	88	8		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.5	ug/L	93	4		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	20.0	ug/L	100	3		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	38.3	ug/L	96	2		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.4	ug/L	102	4		70 (83)	130 (109)	20 (20)
	Styrene	20	19.9	ug/L	100	4		70 (80)	130 (111)	20 (17)
	Bromoform	20	17.8	ug/L	89	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	21.8	ug/L	109	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	19.6	ug/L	98	1		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.9	ug/L	95	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.6	ug/L	93	0		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.4	ug/L	97	2		70 (82)	130 (109)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087506.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0812WBSD01	1,2-Dibromo-3-Chloropropane	20	18.3	ug/L	92	1		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.3	ug/L	102	2		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99	4		70 (76)	130 (114)	20 (29)

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

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087528.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0813WBS01	Dichlorodifluoromethane	20	23.3	ug/L	117			40 (69)	160 (116)	
	Chloromethane	20	18.4	ug/L	92			40 (65)	160 (116)	
	Vinyl chloride	20	20.8	ug/L	104			70 (65)	130 (117)	
	Bromomethane	20	21.9	ug/L	110			40 (58)	160 (125)	
	Chloroethane	20	20.7	ug/L	104			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.9	ug/L	104			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	21.4	ug/L	107			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	Acetone	100	120	ug/L	120			40 (60)	160 (125)	
	Carbon disulfide	20	18.1	ug/L	91			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	22.9	ug/L	115			70 (78)	130 (114)	
	Methyl Acetate	20	22.7	ug/L	114			70 (67)	130 (125)	
	Methylene Chloride	20	20.0	ug/L	100			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	21.1	ug/L	106			70 (78)	130 (112)	
	Cyclohexane	20	20.8	ug/L	104			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.5	ug/L	93			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	21.2	ug/L	106			70 (77)	130 (110)	
	Bromochloromethane	20	26.6	ug/L	133		*	70 (70)	130 (124)	
	Chloroform	20	21.8	ug/L	109			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.7	ug/L	104			70 (80)	130 (108)	
	Methylcyclohexane	20	20.0	ug/L	100			70 (72)	130 (115)	
	Benzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.8	ug/L	104			70 (80)	130 (115)	
	Trichloroethene	20	17.5	ug/L	88			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.2	ug/L	96			70 (83)	130 (111)	
	Bromodichloromethane	20	19.7	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.2	ug/L	99			40 (74)	160 (118)	
	Toluene	20	19.3	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.8	ug/L	104			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	98.5	ug/L	99			40 (73)	160 (117)	
	Dibromochloromethane	20	18.9	ug/L	95			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.9	ug/L	95			70 (81)	130 (110)	
	Tetrachloroethene	20	17.0	ug/L	85			70 (67)	130 (123)	
	Chlorobenzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	Ethyl Benzene	20	19.6	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	38.5	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	19.8	ug/L	99			70 (83)	130 (109)	
	Styrene	20	20.2	ug/L	101			70 (80)	130 (111)	
	Bromoform	20	17.3	ug/L	86			70 (79)	130 (109)	
	Isopropylbenzene	20	21.3	ug/L	106			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/L	102			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.6	ug/L	98			70 (82)	130 (109)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087528.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0813WBS01	1,2-Dibromo-3-Chloropropane	20	18.6	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95			70 (76)	130 (114)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0812WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: VN087504.D | Lab Sample ID: VN0812WBL01

Date Analyzed: 08/12/2025 | Time Analyzed: 11:07

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0812WBS01	VN0812WBS01	VN087505.D	08/12/2025
VN0812WBSD01	VN0812WBSD01	VN087506.D	08/12/2025
FB	Q2825-02	VN087519.D	08/12/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0813WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: VN087527.D | Lab Sample ID: VN0813WBL01

Date Analyzed: 08/13/2025 | Time Analyzed: 11:41

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0813WBS01	VN0813WBS01	VN087528.D	08/13/2025
TW1	Q2825-01	VN087535.D	08/13/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: VN087327.D | BFB Injection Date: 07/16/2025

Instrument ID: MSVOA_N | BFB Injection Time: 16:10

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	70.9
175	5.0 - 9.0% of mass 174	3.6 (5.1) 1
176	95.0 - 101.0% of mass 174	68.7 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087328.D	07/16/2025	17:05
VSTDICC005	VSTDICC005	VN087329.D	07/16/2025	17:27
VSTDICC020	VSTDICC020	VN087330.D	07/16/2025	17:49
VSTDICCC050	VSTDICCC050	VN087331.D	07/16/2025	18:11
VSTDICC100	VSTDICC100	VN087332.D	07/16/2025	18:32
VSTDICC150	VSTDICC150	VN087333.D	07/16/2025	18:54

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: VN087501.D | BFB Injection Date: 08/12/2025

Instrument ID: MSVOA_N | BFB Injection Time: 07:57

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 60.0% of mass 95	55.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	5 (7.5) 1
176	95.0 - 101.0% of mass 174	64.5 (96.7) 1
177	5.0 - 9.0% of mass 176	5.1 (7.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087502.D	08/12/2025	10:24
VN0812WBL01	VN0812WBL01	VN087504.D	08/12/2025	11:07
VN0812WBS01	VN0812WBS01	VN087505.D	08/12/2025	11:42
VN0812WBSD01	VN0812WBSD01	VN087506.D	08/12/2025	12:15
FB	Q2825-02	VN087519.D	08/12/2025	16:57

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: VN087524.D | BFB Injection Date: 08/13/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:04

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.3
75	30.0 - 60.0% of mass 95	57
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	66
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.9 (96.8) 1
177	5.0 - 9.0% of mass 176	3.8 (6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087525.D	08/13/2025	10:57
VN0813WBL01	VN0813WBL01	VN087527.D	08/13/2025	11:41
VN0813WBS01	VN0813WBS01	VN087528.D	08/13/2025	12:39
TW1	Q2825-01	VN087535.D	08/13/2025	15:14

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: VN087502.D Date Analyzed: 08/12/2025

Instrument ID: MSVOA_N Time Analyzed: 10:24

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	330662	8.21	639180	9.08	587049	11.85
UPPER LIMIT	661324	8.712	1278360	9.582	1174100	12.347
LOWER LIMIT	165331	7.712	319590	8.582	293525	11.347
EPA SAMPLE NO.						
FB	238840	8.21	519697	9.09	475077	11.85
VN0812WBL01	271221	8.21	578160	9.08	521832	11.85
VN0812WBS01	292778	8.21	576676	9.08	523240	11.85
VN0812WBSD01	316315	8.21	602749	9.08	538329	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: VN087502.D Date Analyzed: 08/12/2025

Instrument ID: MSVOA_N Time Analyzed: 10:24

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	291692	13.77				
UPPER LIMIT	583384	14.27				
LOWER LIMIT	145846	13.27				
EPA SAMPLE NO.						
FB	226791	13.77				
VN0812WBL01	242445	13.77				
VN0812WBS01	256652	13.77				
VN0812WBSD01	271905	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: VN087525.D Date Analyzed: 08/13/2025

Instrument ID: MSVOA_N Time Analyzed: 10:57

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	297883	8.21	560249	9.09	506486	11.85
UPPER LIMIT	595766	8.706	1120500	9.588	1012970	12.347
LOWER LIMIT	148942	7.706	280125	8.588	253243	11.347
EPA SAMPLE NO.						
TW1	225954	8.21	487904	9.08	444655	11.85
VN0813WBL01	240605	8.21	517097	9.09	472576	11.85
VN0813WBS01	271136	8.21	532074	9.09	483502	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: VN087525.D Date Analyzed: 08/13/2025

Instrument ID: MSVOA_N Time Analyzed: 10:57

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	261423	13.77				
UPPER LIMIT	522846	14.27				
LOWER LIMIT	130712	13.27				
EPA SAMPLE NO.						
TW1	213040	13.77				
VN0813WBL01	217582	13.77				
VN0813WBS01	246357	13.77				

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0812WBL01	SDG No.:	Q2825
Lab Sample ID:	VN0812WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	VN0812WBL01		SDG No.:	Q2825	
Lab Sample ID:	VN0812WBL01		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:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

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	58.4		70 (74) - 130 (125)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	8.212			
540-36-3	1,4-Difluorobenzene	578000	9.083			
3114-55-4	Chlorobenzene-d5	522000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	242000	13.77			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	VN0812WBL01			SDG No.:	Q2825
Lab Sample ID:	VN0812WBL01			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:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

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: **VN087527.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	VN0813WBL01		SDG No.:	Q2825	
Lab Sample ID:	VN0813WBL01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	VN0813WBL01		SDG No.:	Q2825	
Lab Sample ID:	VN0813WBL01		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:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

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	59.6		70 (74) - 130 (125)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	52.0		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.212			
540-36-3	1,4-Difluorobenzene	517000	9.088			
3114-55-4	Chlorobenzene-d5	473000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0813WBL01	SDG No.:	Q2825
Lab Sample ID:	VN0813WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

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: **VN087505.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0812WBS01	SDG No.:	Q2825
Lab Sample ID:	VN0812WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.2		0.22	1.00	ug/L
74-87-3	Chloromethane	18.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	20.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.1		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.50	5.00	ug/L
78-93-3	2-Butanone	98.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.4		0.16	1.00	ug/L
71-43-2	Benzene	18.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.9		0.68	5.00	ug/L
108-88-3	Toluene	18.8		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	VN0812WBS01		SDG No.:	Q2825	
Lab Sample ID:	VN0812WBS01		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:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.2		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	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	19.1		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.8		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	18.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	46.2		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	293000	8.206			
540-36-3	1,4-Difluorobenzene	577000	9.082			
3114-55-4	Chlorobenzene-d5	523000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.77			

Raw Data: **VN087505.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	VN0812WBS01			SDG No.:	Q2825
Lab Sample ID:	VN0812WBS01			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:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

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: **VN087528.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2825
Lab Sample ID:	VN0813WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	23.3		0.22	1.00	ug/L
74-87-3	Chloromethane	18.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	20.8		0.26	1.00	ug/L
74-83-9	Bromomethane	21.9		1.40	5.00	ug/L
75-00-3	Chloroethane	20.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	120		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.8		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	26.6		0.22	1.00	ug/L
67-66-3	Chloroform	21.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.0		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.2		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

Raw Data: **VN087528.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2825
Lab Sample ID:	VN0813WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	98.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	17.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		70 (74) - 130 (125)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	8.212			
540-36-3	1,4-Difluorobenzene	532000	9.088			
3114-55-4	Chlorobenzene-d5	484000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	246000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2825
Lab Sample ID:	VN0813WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

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: **VN087506.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	VN0812WBSD01	SDG No.:	Q2825
Lab Sample ID:	VN0812WBSD01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087506.D	1	08/12/25 12:15	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	24.1		0.22	1.00	ug/L
74-87-3	Chloromethane	17.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.3		1.40	5.00	ug/L
75-00-3	Chloroethane	20.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.3		1.50	5.00	ug/L
78-93-3	2-Butanone	96.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.0		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	21.2		0.16	1.00	ug/L
71-43-2	Benzene	18.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.2		0.68	5.00	ug/L
108-88-3	Toluene	18.8		0.14	1.00	ug/L

Raw Data: **VN087506.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	VN0812WBSD01		SDG No.:	Q2825	
Lab Sample ID:	VN0812WBSD01		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:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087506.D	1	08/12/25 12:15	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	94.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.5		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.4		0.12	1.00	ug/L
100-42-5	Styrene	19.9		0.15	1.00	ug/L
75-25-2	Bromoform	17.8		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.6		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.7		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	316000	8.206			
540-36-3	1,4-Difluorobenzene	603000	9.082			
3114-55-4	Chlorobenzene-d5	538000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	272000	13.77			

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	VN0812WBSD01			SDG No.:	Q2825
Lab Sample ID:	VN0812WBSD01			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:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087506.D	1	08/12/25 12:15	VN081225

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: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.443	0.443	0.623	0.606	0.625	0.531	18
Chloromethane	0.714	0.659	0.588	0.690	0.659	0.698	0.668	6.7
Vinyl Chloride	0.554	0.665	0.623	0.728	0.692	0.720	0.664	9.9
Bromomethane		0.328	0.308	0.355	0.356	0.370	0.344	7.2
Chloroethane	0.396	0.485	0.431	0.441	0.415	0.429	0.433	7
Trichlorofluoromethane	0.959	0.975	0.963	1.025	0.960	1.007	0.981	2.8
1,1,2-Trichlorotrifluoroethane	0.463	0.495	0.539	0.525	0.491	0.509	0.504	5.3
1,1-Dichloroethene	0.635	0.641	0.553	0.545	0.514	0.537	0.571	9.4
Acetone	0.455	0.426	0.393	0.387	0.361	0.366	0.398	9.2
Carbon Disulfide	1.686	1.685	1.669	1.733	1.643	1.739	1.693	2.2
Methyl tert-butyl Ether	1.911	2.099	2.106	2.167	2.129	2.213	2.104	4.9
Methyl Acetate	1.007	1.052	0.991	0.991	0.962	0.993	0.999	3
Methylene Chloride	1.107	0.788	0.700	0.672	0.655	0.672	0.766	22.7
trans-1,2-Dichloroethene	0.667	0.669	0.643	0.653	0.618	0.613	0.644	3.7
1,1-Dichloroethane	1.304	1.325	1.254	1.222	1.185	1.212	1.250	4.4
Cyclohexane		1.148	1.039	1.046	0.981	1.002	1.043	6.2
2-Butanone	0.552	0.608	0.650	0.643	0.617	0.618	0.615	5.7
Carbon Tetrachloride	0.453	0.523	0.498	0.517	0.504	0.518	0.502	5.1
cis-1,2-Dichloroethene	0.704	0.737	0.747	0.767	0.740	0.751	0.741	2.8
Bromochloromethane	0.596	0.640	0.578	0.595	0.597	0.584	0.598	3.6
Chloroform	1.181	1.299	1.303	1.279	1.214	1.234	1.251	4
1,1,1-Trichloroethane	1.043	1.146	1.096	1.084	1.049	1.085	1.084	3.4
Methylcyclohexane	0.447	0.442	0.482	0.529	0.519	0.541	0.493	8.6
Benzene	1.370	1.430	1.502	1.553	1.483	1.499	1.473	4.3
1,2-Dichloroethane	0.553	0.565	0.569	0.567	0.544	0.552	0.558	1.8
Trichloroethene	0.373	0.330	0.337	0.356	0.339	0.352	0.348	4.5
1,2-Dichloropropane	0.335	0.367	0.395	0.395	0.376	0.378	0.374	5.9
Bromodichloromethane	0.568	0.572	0.559	0.569	0.553	0.565	0.564	1.2
4-Methyl-2-Pentanone	0.551	0.641	0.685	0.689	0.658	0.652	0.646	7.8
Toluene	0.774	0.849	0.940	0.963	0.916	0.929	0.895	7.9

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.459	0.536	0.586	0.621	0.607	0.619	0.571	11.1
cis-1,3-Dichloropropene	0.489	0.564	0.602	0.632	0.620	0.632	0.590	9.4
1,1,2-Trichloroethane	0.367	0.364	0.365	0.367	0.357	0.354	0.362	1.6
2-Hexanone	0.279	0.373	0.465	0.495	0.481	0.479	0.429	19.9
Dibromochloromethane	0.352	0.416	0.425	0.430	0.424	0.433	0.413	7.4
1,2-Dibromoethane	0.367	0.373	0.391	0.385	0.381	0.389	0.381	2.5
Tetrachloroethene	0.329	0.338	0.317	0.320	0.310	0.317	0.322	3.2
Chlorobenzene	1.139	1.131	1.133	1.119	1.092	1.122	1.123	1.5
Ethyl Benzene	1.643	1.738	1.882	1.942	1.905	1.979	1.848	7
m/p-Xylenes	0.541	0.646	0.717	0.758	0.734	0.756	0.692	12.2
o-Xylene	0.491	0.606	0.702	0.723	0.710	0.734	0.661	14.4
Styrene	0.726	1.032	1.186	1.255	1.217	1.257	1.112	18.6
Bromoform	0.246	0.302	0.314	0.328	0.322	0.337	0.308	10.7
Isopropylbenzene	2.524	2.889	3.242	3.396	3.302	3.529	3.147	11.9
1,1,2,2-Tetrachloroethane	1.159	1.181	1.228	1.207	1.156	1.174	1.184	2.4
1,3-Dichlorobenzene	1.448	1.592	1.651	1.658	1.588	1.674	1.602	5.2
1,4-Dichlorobenzene	1.807	1.709	1.742	1.703	1.627	1.677	1.711	3.6
1,2-Dichlorobenzene	1.303	1.534	1.596	1.577	1.510	1.583	1.517	7.2
1,2-Dibromo-3-Chloropropane	0.339	0.325	0.304	0.302	0.290	0.305	0.311	5.8
1,2,4-Trichlorobenzene	0.761	0.860	0.875	0.937	0.921	0.994	0.891	8.9
1,2,3-Trichlorobenzene	0.803	0.844	0.887	0.922	0.917	0.992	0.894	7.4
1,2-Dichloroethane-d4		0.939	0.820	0.802	0.818	0.863	0.848	6.6
Dibromofluoromethane		0.347	0.341	0.332	0.348	0.356	0.345	2.6
Toluene-d8		1.180	1.176	1.224	1.255	1.316	1.230	4.7
4-Bromofluorobenzene		0.405	0.433	0.455	0.476	0.505	0.455	8.5

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2825
Instrument ID: MSVOA_N
Calibration Date/Time: 08/12/2025 10:24
Lab File ID: VN087502.D
Init. Calib. Date(s): 07/16/2025 07/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 17:05 18:54
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.639		20.34	20
Chloromethane	0.668	0.654	0.1	-2.1	20
Vinyl Chloride	0.664	0.733		10.39	20
Bromomethane	0.344	0.404		17.44	20
Chloroethane	0.433	0.480		10.85	20
Trichlorofluoromethane	0.981	1.038		5.81	20
1,1,2-Trichlorotrifluoroethane	0.504	0.554		9.92	20
1,1-Dichloroethene	0.571	0.573		0.35	20
Acetone	0.398	0.470		18.09	20
Carbon Disulfide	1.693	1.707		0.83	20
Methyl tert-butyl Ether	2.104	2.549		21.15	20
Methyl Acetate	0.999	1.151		15.22	20
Methylene Chloride	0.766	0.719		-6.14	20
trans-1,2-Dichloroethene	0.644	0.660		2.48	20
1,1-Dichloroethane	1.250	1.361	0.1	8.88	20
Cyclohexane	1.043	1.110		6.42	20
2-Butanone	0.615	0.671		9.11	20
Carbon Tetrachloride	0.502	0.510		1.59	20
cis-1,2-Dichloroethene	0.741	0.825		11.34	20
Bromochloromethane	0.598	0.624		4.35	20
Chloroform	1.251	1.408		12.55	20
1,1,1-Trichloroethane	1.084	1.184		9.23	20
Methylcyclohexane	0.493	0.524		6.29	20
Benzene	1.473	1.523		3.39	20
1,2-Dichloroethane	0.558	0.594		6.45	20
Trichloroethene	0.348	0.339		-2.59	20
1,2-Dichloropropane	0.374	0.386		3.21	20
Bromodichloromethane	0.564	0.596		5.67	20
4-Methyl-2-Pentanone	0.646	0.681		5.42	20
Toluene	0.895	0.942		5.25	20
t-1,3-Dichloropropene	0.571	0.656		14.89	20
cis-1,3-Dichloropropene	0.590	0.659		11.69	20
1,1,2-Trichloroethane	0.362	0.374		3.32	20
2-Hexanone	0.429	0.474		10.49	20
Dibromochloromethane	0.413	0.436		5.57	20
1,2-Dibromoethane	0.381	0.392		2.89	20
Tetrachloroethene	0.322	0.291		-9.63	20
Chlorobenzene	1.123	1.120	0.3	-0.27	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: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2825

Instrument ID: MSVOA_N | Calibration Date/Time: 08/12/2025 10:24

Lab File ID: VN087502.D | Init. Calib. Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 17:05 18:54

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.848	2.004		8.44	20
m/p-Xylenes	0.692	0.741		7.08	20
o-Xylene	0.661	0.730		10.44	20
Styrene	1.112	1.270		14.21	20
Bromoform	0.308	0.318	0.1	3.25	20
Isopropylbenzene	3.147	3.777		20.02	20
1,1,2,2-Tetrachloroethane	1.184	1.273	0.3	7.52	20
1,3-Dichlorobenzene	1.602	1.706		6.49	20
1,4-Dichlorobenzene	1.711	1.726		0.88	20
1,2-Dichlorobenzene	1.517	1.659		9.36	20
1,2-Dibromo-3-Chloropropane	0.311	0.323		3.86	20
1,2,4-Trichlorobenzene	0.891	1.000		12.23	20
1,2,3-Trichlorobenzene	0.894	0.984		10.07	20
1,2-Dichloroethane-d4	0.848	0.900		6.13	20
Dibromofluoromethane	0.345	0.326		-5.51	20
Toluene-d8	1.230	1.195		-2.85	20
4-Bromofluorobenzene	0.455	0.463		1.76	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2825
Instrument ID: MSVOA_N
Calibration Date/Time: 08/13/2025 10:57
Lab File ID: VN087525.D
Init. Calib. Date(s): 07/16/2025 07/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 17:05 18:54
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.658		23.92	20
Chloromethane	0.668	0.624	0.1	-6.59	20
Vinyl Chloride	0.664	0.717		7.98	20
Bromomethane	0.344	0.393		14.24	20
Chloroethane	0.433	0.469		8.31	20
Trichlorofluoromethane	0.981	1.056		7.64	20
1,1,2-Trichlorotrifluoroethane	0.504	0.582		15.48	20
1,1-Dichloroethene	0.571	0.567		-0.7	20
Acetone	0.398	0.442		11.06	20
Carbon Disulfide	1.693	1.611		-4.84	20
Methyl tert-butyl Ether	2.104	2.478		17.78	20
Methyl Acetate	0.999	1.175		17.62	20
Methylene Chloride	0.766	0.697		-9.01	20
trans-1,2-Dichloroethene	0.644	0.640		-0.62	20
1,1-Dichloroethane	1.250	1.290	0.1	3.2	20
Cyclohexane	1.043	1.135		8.82	20
2-Butanone	0.615	0.665		8.13	20
Carbon Tetrachloride	0.502	0.519		3.39	20
cis-1,2-Dichloroethene	0.741	0.798		7.69	20
Bromochloromethane	0.598	0.631		5.52	20
Chloroform	1.251	1.367		9.27	20
1,1,1-Trichloroethane	1.084	1.177		8.58	20
Methylcyclohexane	0.493	0.590		19.67	20
Benzene	1.473	1.499		1.76	20
1,2-Dichloroethane	0.558	0.597		6.99	20
Trichloroethene	0.348	0.342		-1.72	20
1,2-Dichloropropane	0.374	0.384		2.67	20
Bromodichloromethane	0.564	0.602		6.74	20
4-Methyl-2-Pentanone	0.646	0.703		8.82	20
Toluene	0.895	0.934		4.36	20
t-1,3-Dichloropropene	0.571	0.649		13.66	20
cis-1,3-Dichloropropene	0.590	0.658		11.52	20
1,1,2-Trichloroethane	0.362	0.378		4.42	20
2-Hexanone	0.429	0.483		12.59	20
Dibromochloromethane	0.413	0.441		6.78	20
1,2-Dibromoethane	0.381	0.403		5.77	20
Tetrachloroethene	0.322	0.306		-4.97	20
Chlorobenzene	1.123	1.142	0.3	1.69	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2825

Instrument ID: MSVOA_N | Calibration Date/Time: 08/13/2025 10:57

Lab File ID: VN087525.D | Init. Calib. Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 17:05 18:54

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.848	2.026		9.63	20
m/p-Xylenes	0.692	0.755		9.1	20
o-Xylene	0.661	0.736		11.35	20
Styrene	1.112	1.278		14.93	20
Bromoform	0.308	0.318	0.1	3.25	20
Isopropylbenzene	3.147	3.734		18.65	20
1,1,2,2-Tetrachloroethane	1.184	1.291	0.3	9.04	20
1,3-Dichlorobenzene	1.602	1.685		5.18	20
1,4-Dichlorobenzene	1.711	1.706		-0.29	20
1,2-Dichlorobenzene	1.517	1.645		8.44	20
1,2-Dibromo-3-Chloropropane	0.311	0.312		0.32	20
1,2,4-Trichlorobenzene	0.891	1.001		12.35	20
1,2,3-Trichlorobenzene	0.894	0.937		4.81	20
1,2-Dichloroethane-d4	0.848	0.898		5.9	20
Dibromofluoromethane	0.345	0.337		-2.32	20
Toluene-d8	1.230	1.204		-2.11	20
4-Bromofluorobenzene	0.455	0.470		3.3	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_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 04:01:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	225954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	487904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	444655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	232717	60.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.400%			
35) Dibromofluoromethane	8.153	113	167848	49.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.547	98	628105	52.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.640%			
62) 4-Bromofluorobenzene	12.829	95	231298	52.148	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.300%			
Target Compounds						Qvalue
16) Acetone	4.418	43	9285m	5.165	ug/l	
31) Cyclohexane	8.241	56	42387	8.993	ug/l	95
39) Methylcyclohexane	9.582	83	115469	23.986	ug/l	99
67) Ethyl Benzene	11.941	91	23096	1.405	ug/l	100
68) m/p-Xylenes	12.053	106	5052	0.821	ug/l	74
73) Isopropylbenzene	12.676	105	41734	3.113	ug/l	100
78) n-propylbenzene	13.017	91	91547	5.427	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	20619	1.805	ug/l	91
83) tert-Butylbenzene	13.423	119	11001	1.153	ug/l	90
84) 1,2,4-Trimethylbenzene	13.459	105	284789	24.411	ug/l	97
85) sec-Butylbenzene	13.594	105	58488	4.070	ug/l #	78
86) p-Isopropyltoluene	13.712	119	30231	2.625	ug/l	96
89) n-Butylbenzene	14.035	91	47261m	4.297	ug/l	

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

Sample Results: **VN087535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 04:01:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations APPROVED

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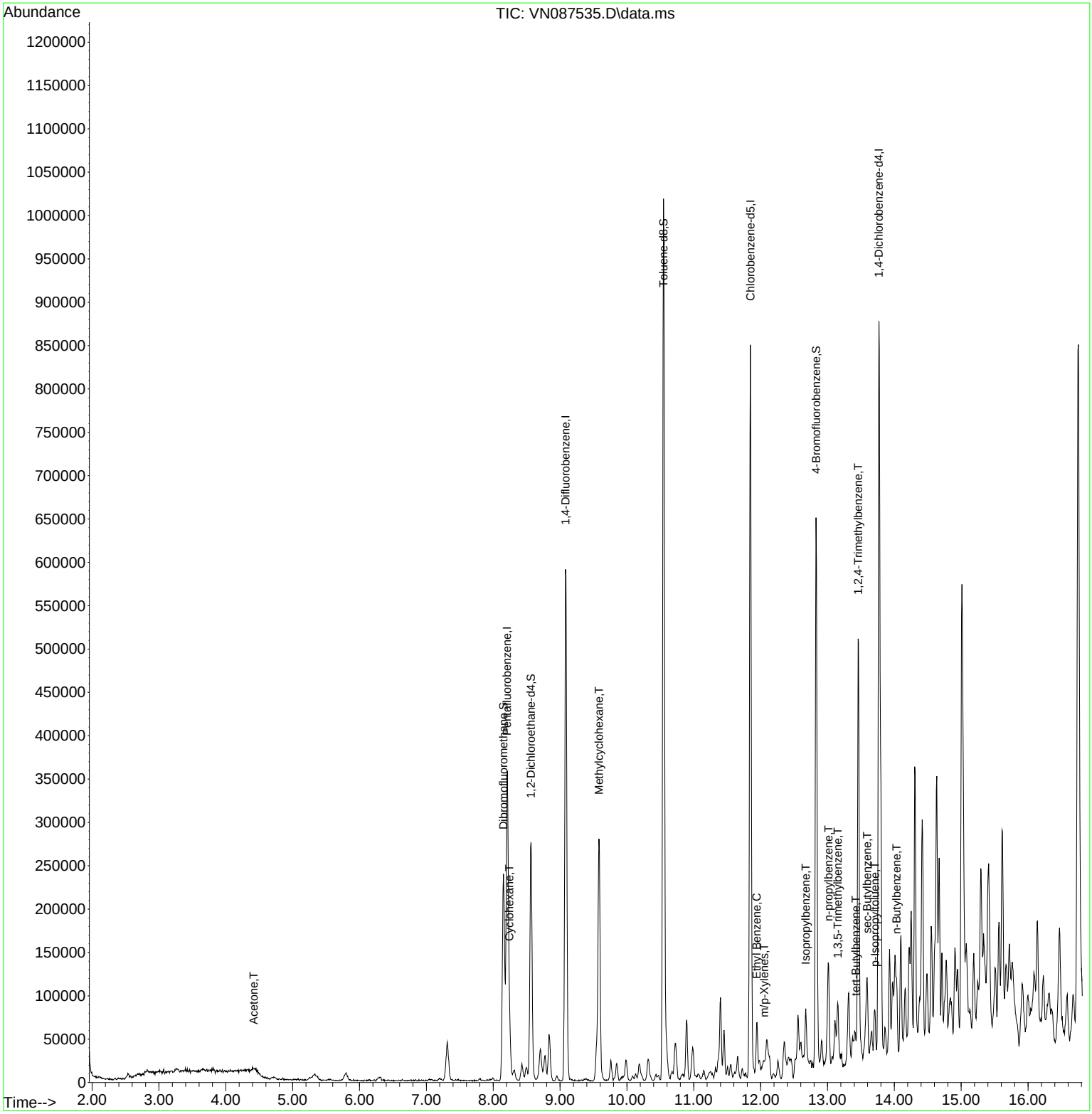
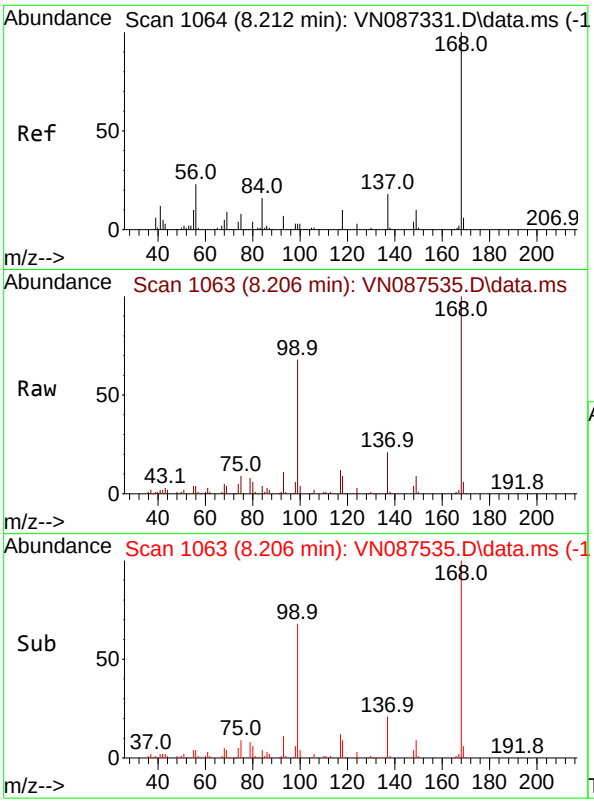
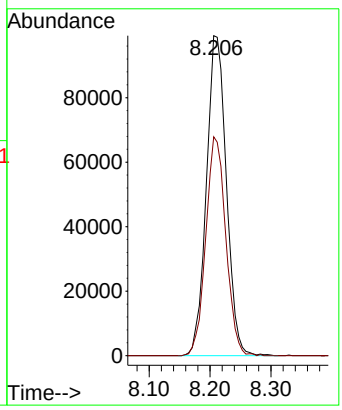




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:168 Resp: 22595

Ion	Ratio	Lower	Upper
168	100		
99	68.4	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
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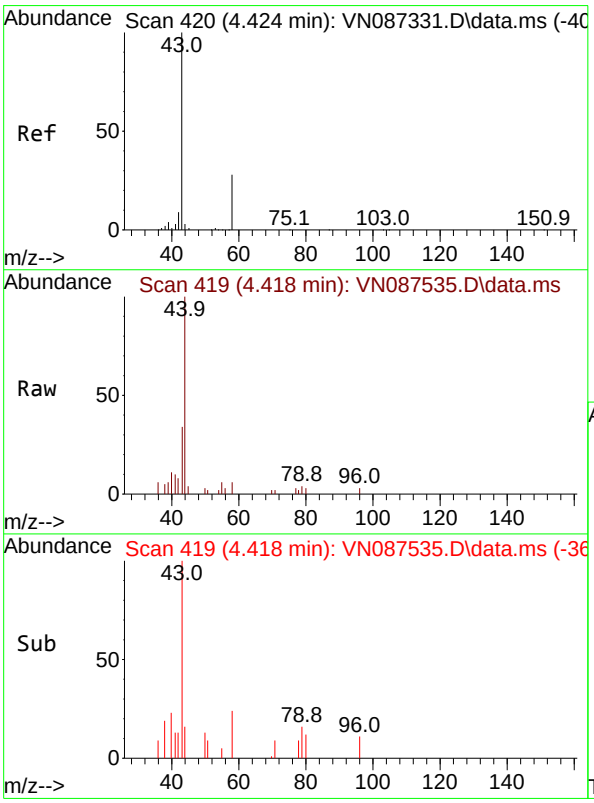
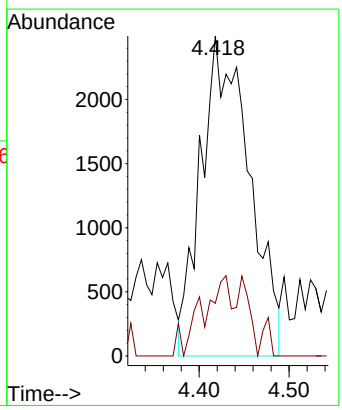
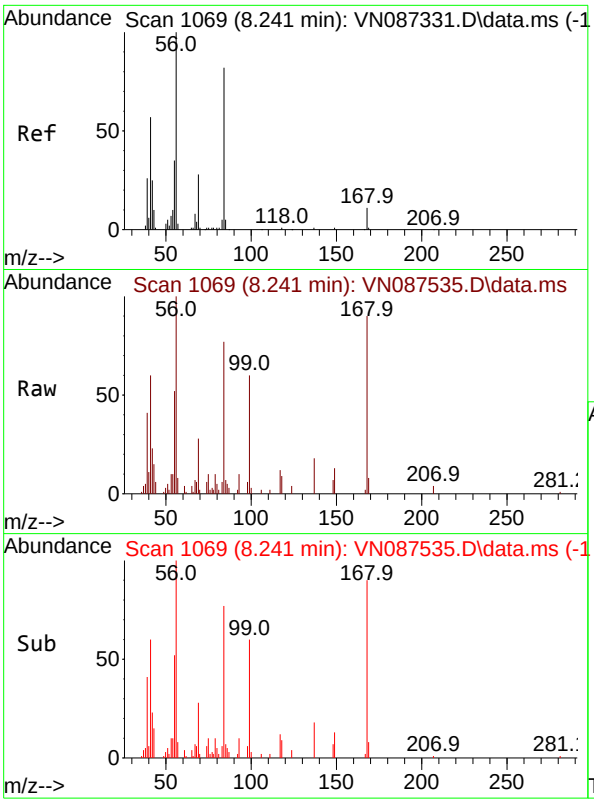


#16
Acetone
Concen: 5.165 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 43 Resp: 9285

Ion	Ratio	Lower	Upper
43	100		
58	16.4	22.3	33.5#

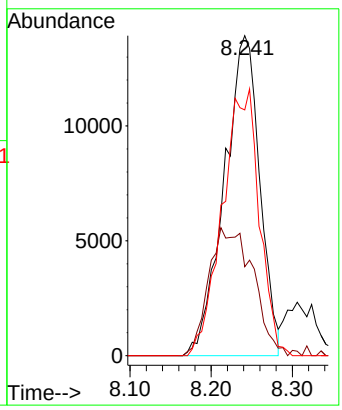




#31
Cyclohexane
Concen: 8.993 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 56 Resp: 4238

Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.7	34.1
84	76.8	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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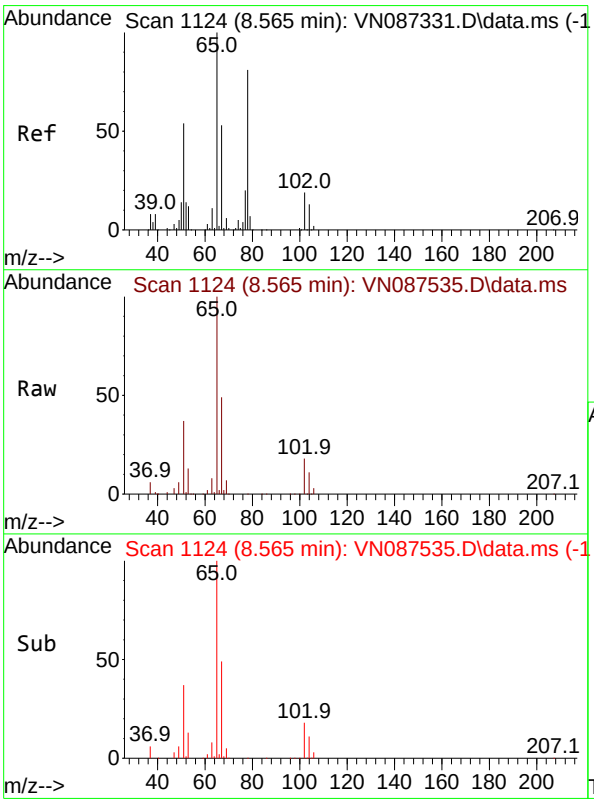
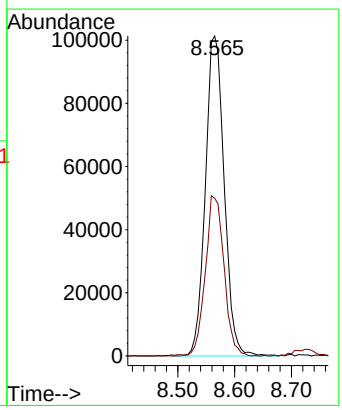
Supervised By :Mahesh Dadoda 08/18/2025

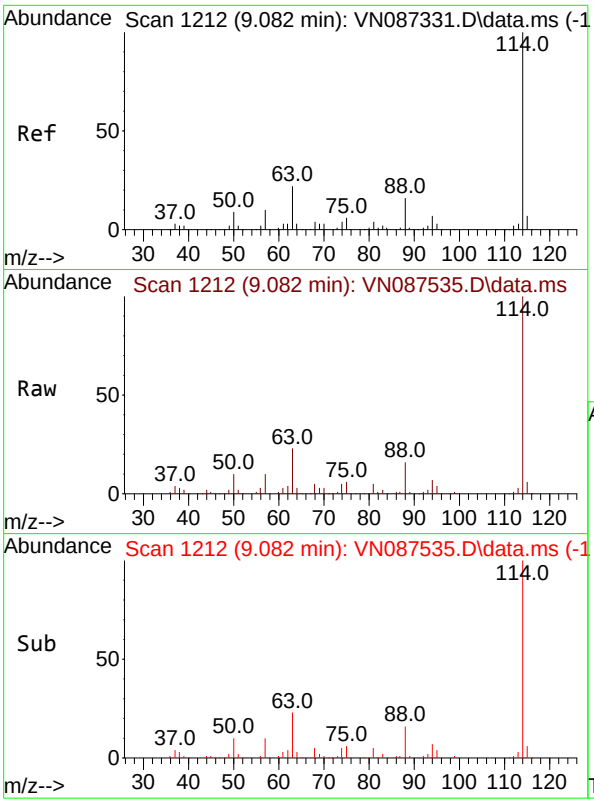


#33
1,2-Dichloroethane-d4
Concen: 60.699 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 65 Resp: 232717

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	104.0

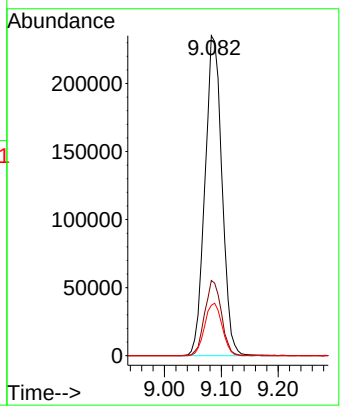




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:114 Resp: 48790

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	44.6
88	15.8	0.0	32.8



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
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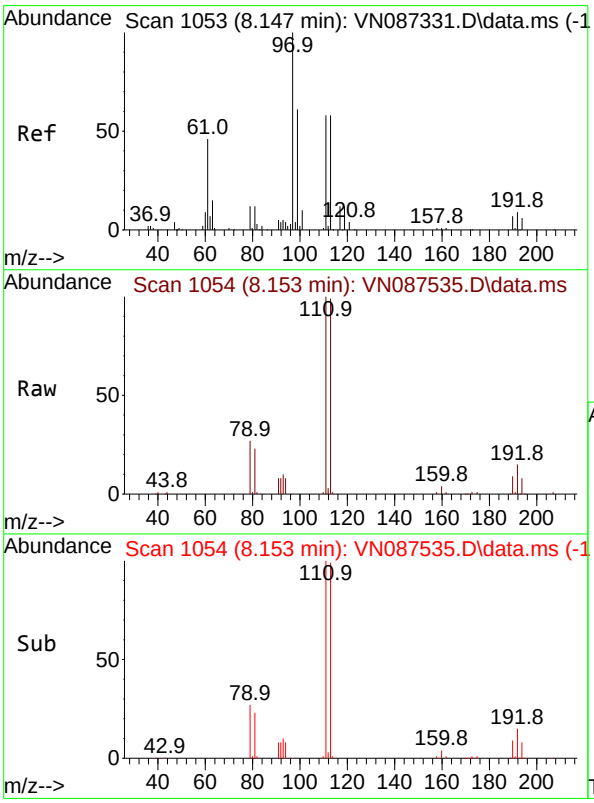
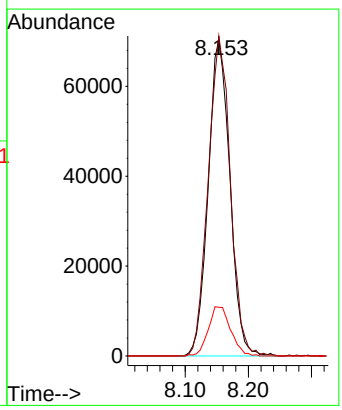
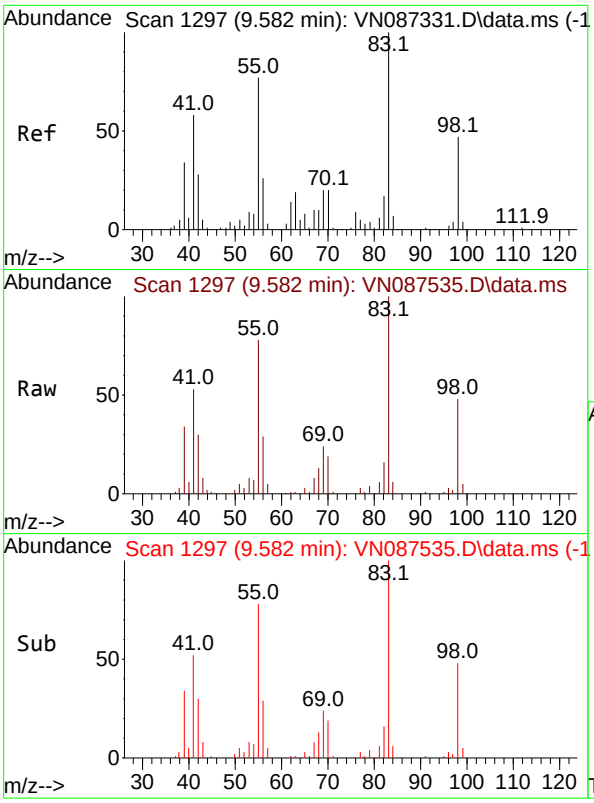


#35
Dibromofluoromethane
Concen: 49.872 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:113 Resp: 167848

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.5	123.7
192	16.1	13.7	20.5

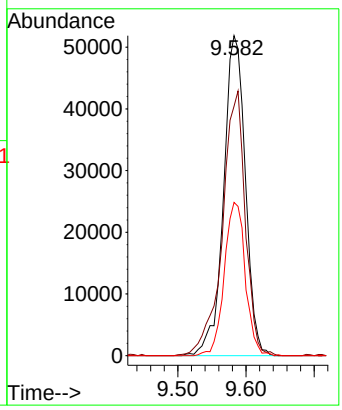




#39
Methylcyclohexane
Concen: 23.986 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 83 Resp: 11546

Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.3	91.9
98	47.9	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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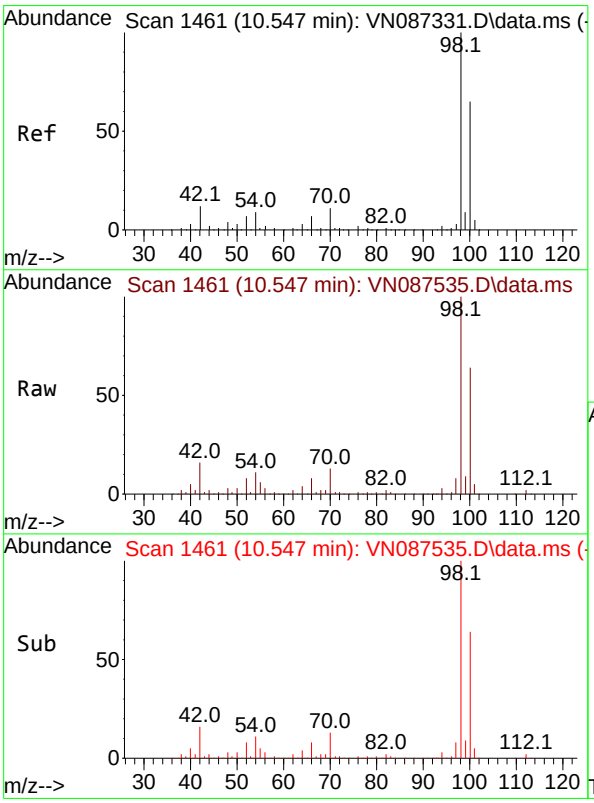
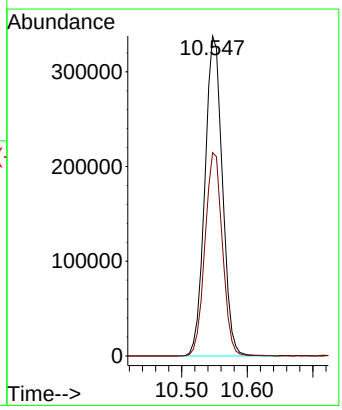
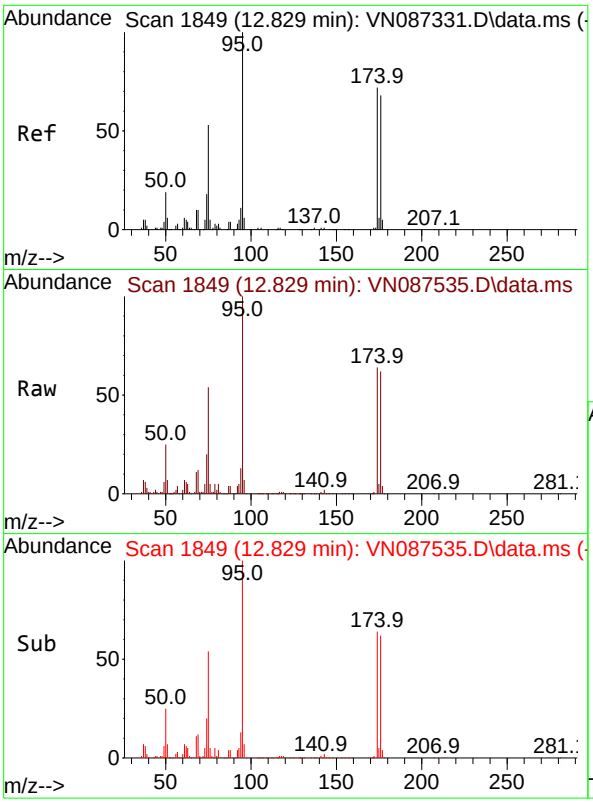


#50
Toluene-d8
Concen: 52.319 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 98 Resp: 628105

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.1	78.1

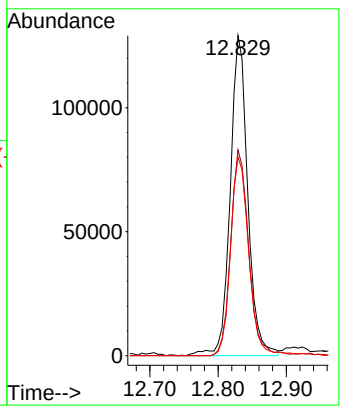




#62
4-Bromofluorobenzene
Concen: 52.148 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 95 Resp: 23129

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	149.4
176	64.1	0.0	141.2



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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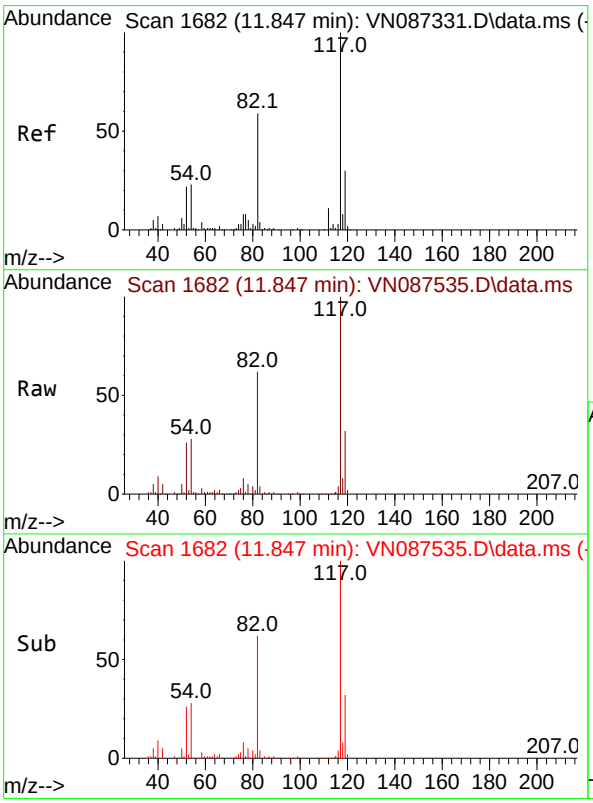
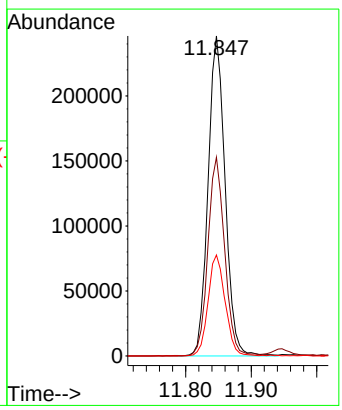
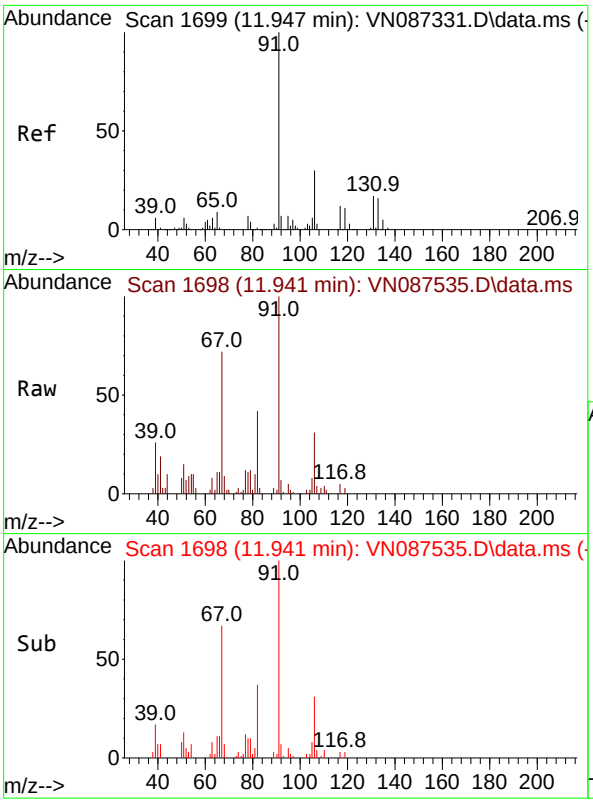


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:117 Resp: 444655

Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.4	71.2
119	31.5	23.8	35.8

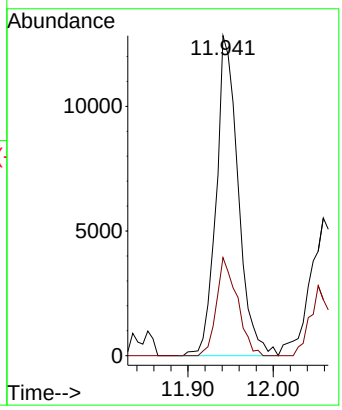




#67
Ethyl Benzene
Concen: 1.405 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 91 Resp: 2309

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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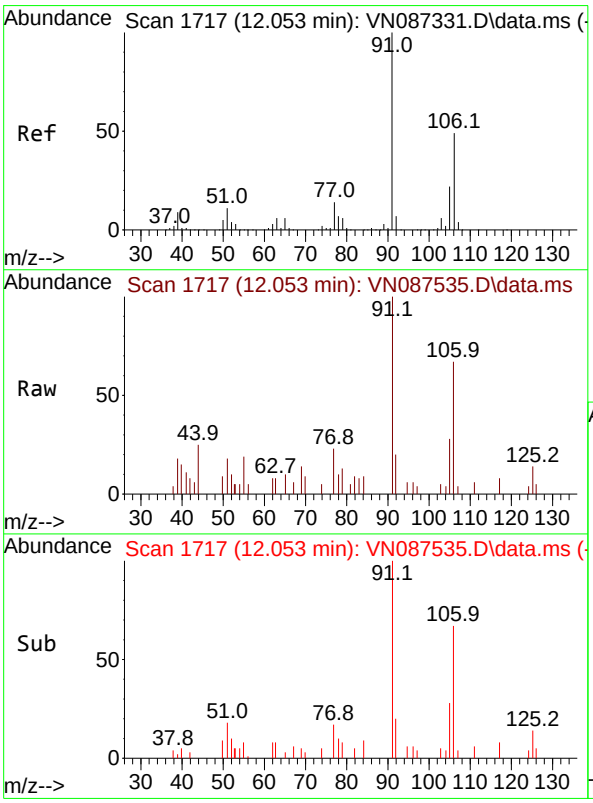
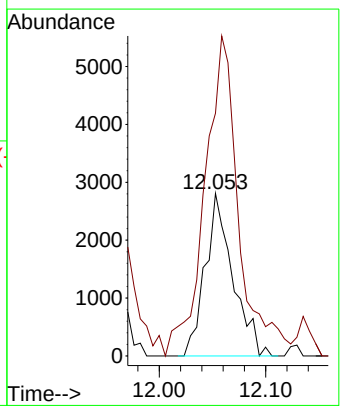
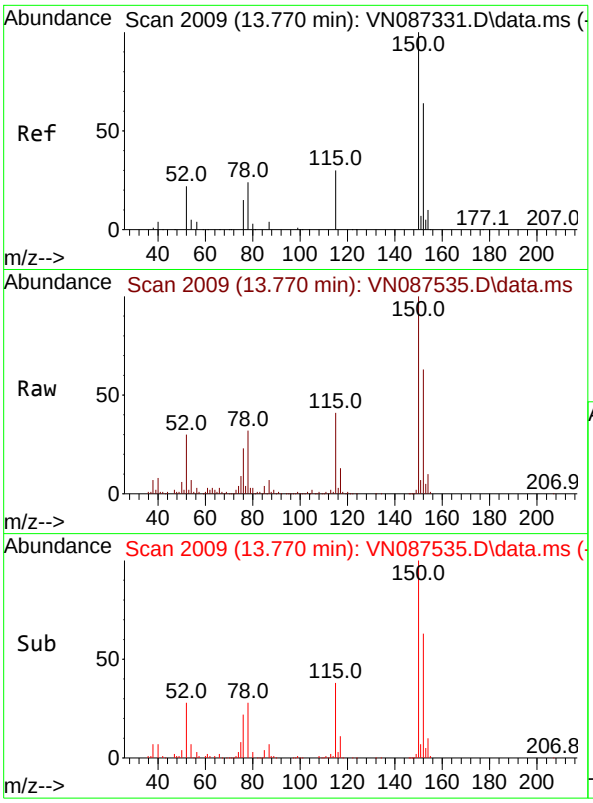


#68
m/p-Xylenes
Concen: 0.821 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:106 Resp: 5052

Ion	Ratio	Lower	Upper
106	100		
91	241.9	162.0	243.0

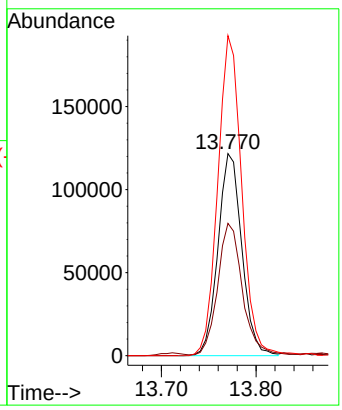




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:152 Resp: 213040

Ion	Ratio	Lower	Upper
152	100		
115	67.2	31.1	93.5
150	159.4	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
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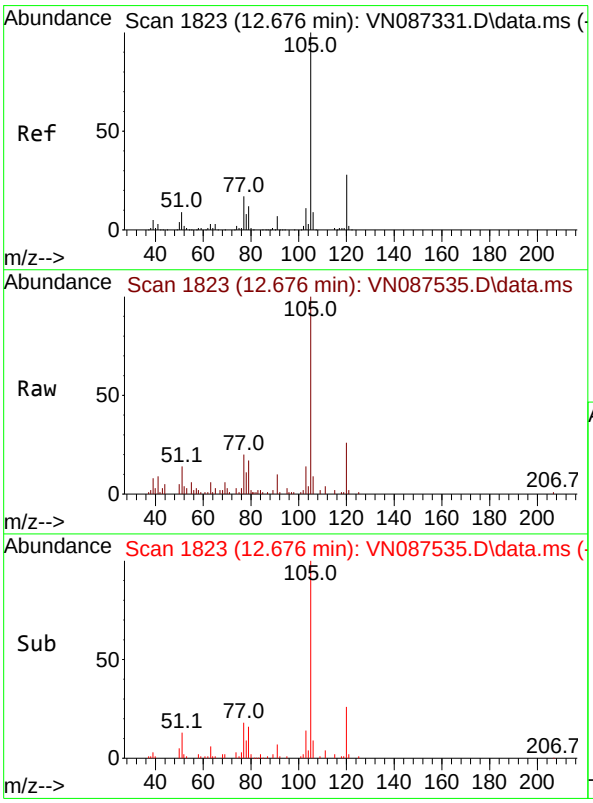
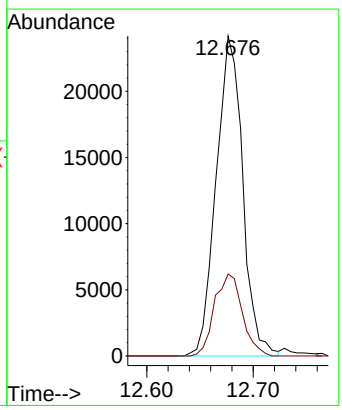
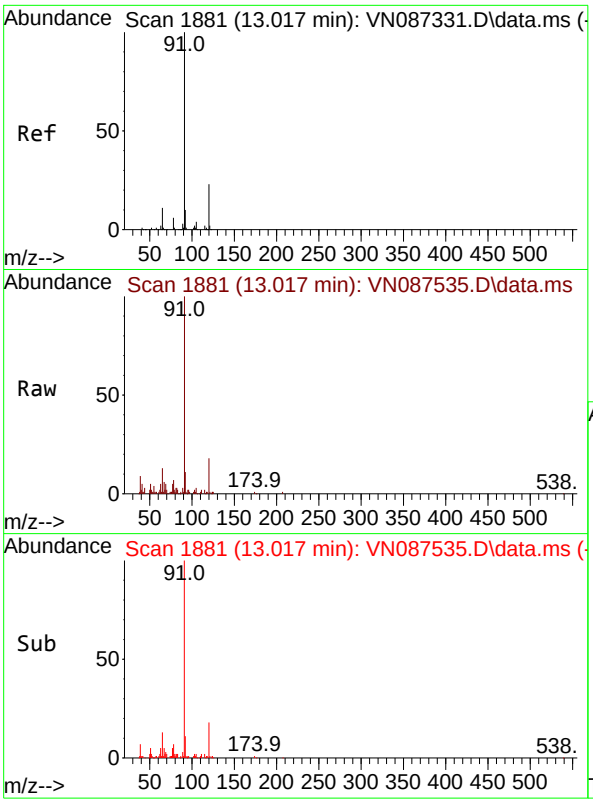


#73
Isopropylbenzene
Concen: 3.113 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:105 Resp: 41734

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.1

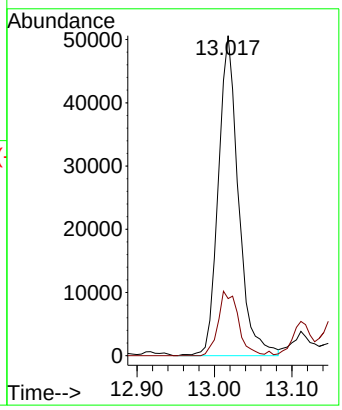




#78
n-propylbenzene
Concen: 5.427 ug/l
RT: 13.017 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 91 Resp: 9154

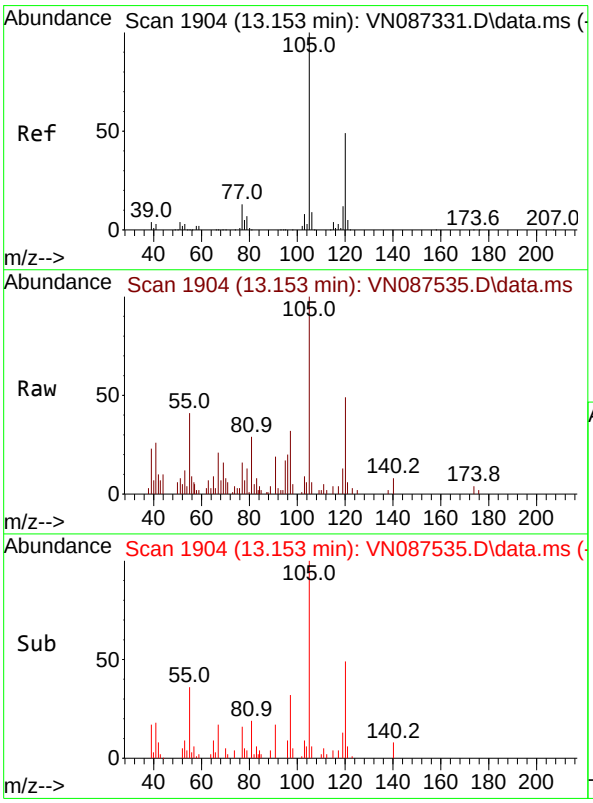
Ion	Ratio	Lower	Upper
91	100		
120	20.1	11.3	33.8



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
APPROVED

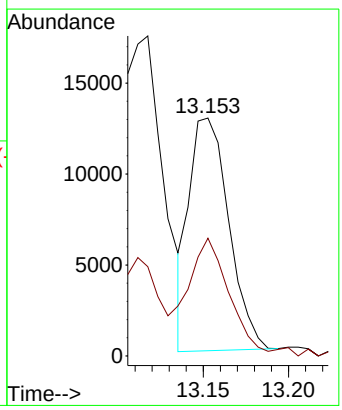
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

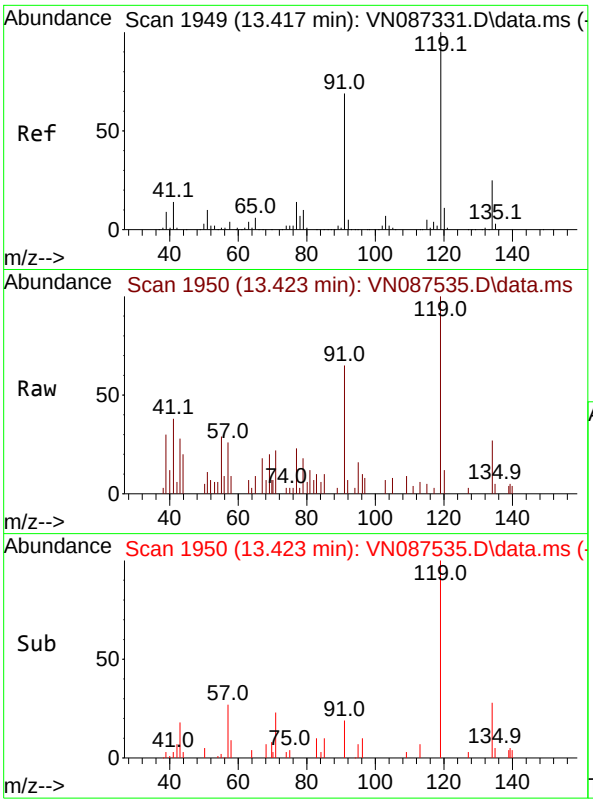


#80
1,3,5-Trimethylbenzene
Concen: 1.805 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:105 Resp: 20619

Ion	Ratio	Lower	Upper
105	100		
120	54.8	24.3	72.8

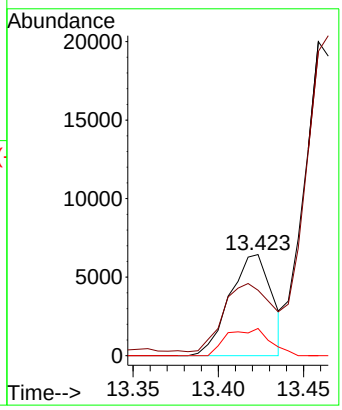




#83
tert-Butylbenzene
Concen: 1.153 ug/l
RT: 13.423 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:119 Resp: 1100

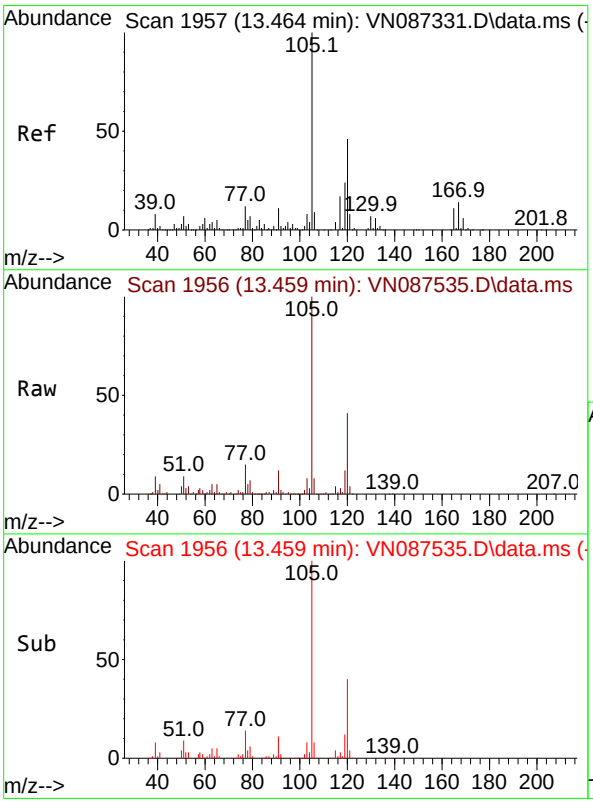
Ion	Ratio	Lower	Upper
119	100		
91	80.2	35.0	105.1
134	27.7	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
APPROVED

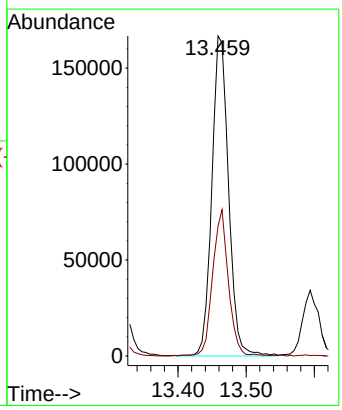
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

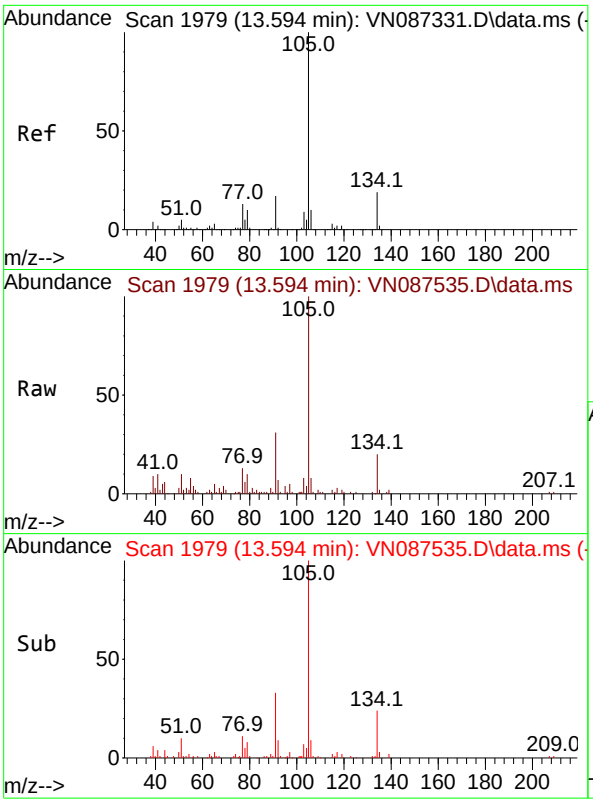


#84
1,2,4-Trimethylbenzene
Concen: 24.411 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:105 Resp: 284789

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.8	68.3

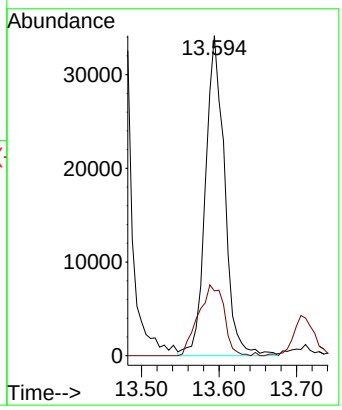




#85
sec-Butylbenzene
Concen: 4.070 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:105 Resp: 5848

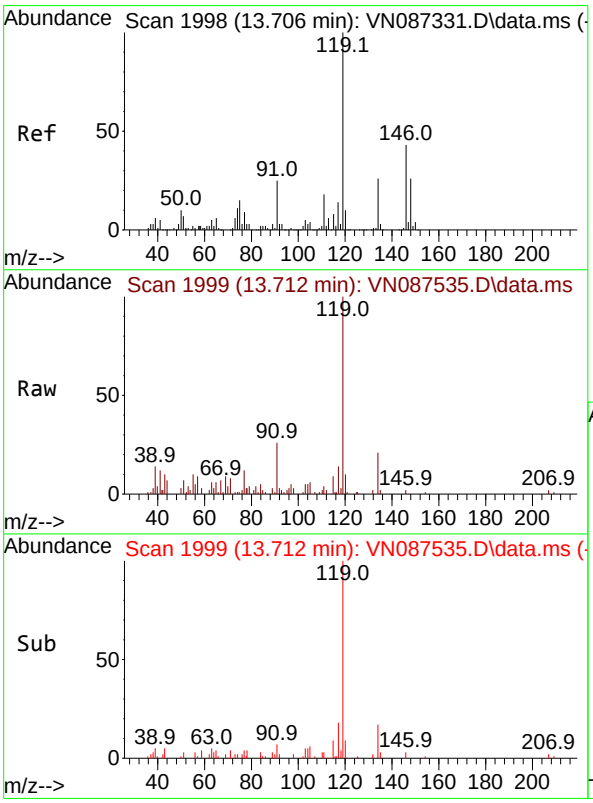
Ion	Ratio	Lower	Upper
105	100		
134	29.8	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
APPROVED

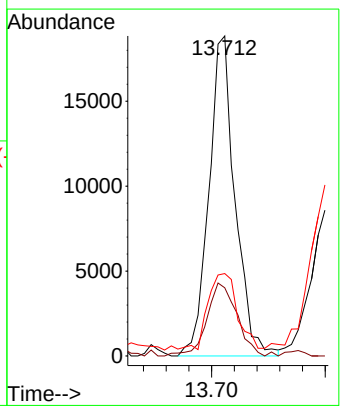
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

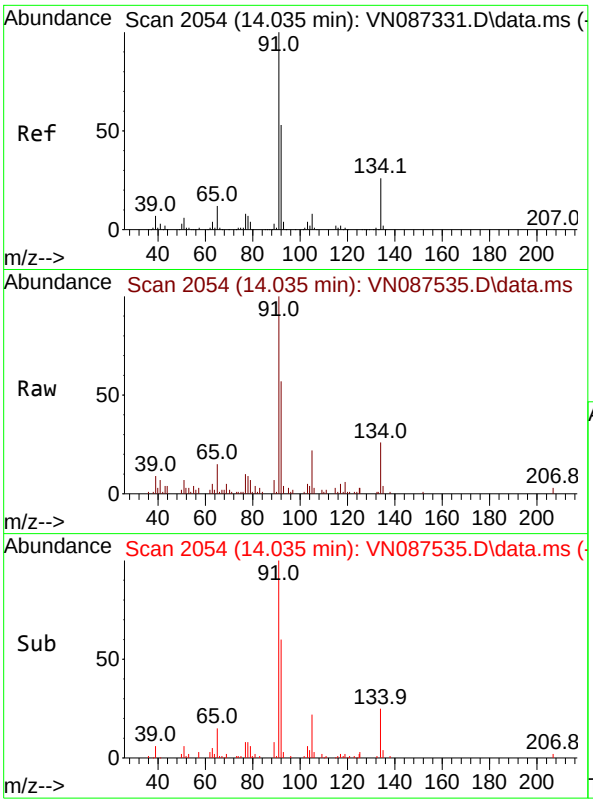


#86
p-Isopropyltoluene
Concen: 2.625 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:119 Resp: 30231

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.5	40.5
91	27.3	12.2	36.6

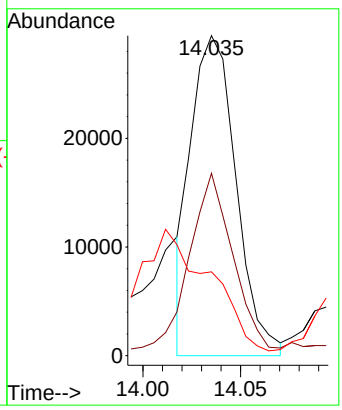




#89
n-Butylbenzene
Concen: 4.297 ug/l m
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 91 Resp: 4726

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.2	78.6
134	0.0	12.4	37.2#



Instrument :
MSVOA_N
ClientSampleId :
TW1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

A B C D E F G H I J

Sample Results: **VN087535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

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_N\methods\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.800	643	654	662	rBV9	8658	27093	1.36%	0.108%
2	7.312	901	911	922	rBV2	44456	122862	6.16%	0.488%
3	8.153	1045	1054	1059	rBV	238170	590765	29.60%	2.347%
4	8.212	1059	1064	1077	rVV2	356865	929026	46.55%	3.690%
5	8.318	1077	1082	1090	rVV5	11826	28339	1.42%	0.113%
6	8.430	1094	1101	1108	rBV4	19264	45328	2.27%	0.180%
7	8.500	1108	1113	1116	rVV5	14739	32301	1.62%	0.128%
8	8.565	1116	1124	1137	rVV	274526	634511	31.79%	2.520%
9	8.706	1138	1148	1154	rVV4	36105	95818	4.80%	0.381%
10	8.777	1155	1160	1165	rVV3	28555	64596	3.24%	0.257%
11	8.835	1165	1170	1183	rVB3	53815	122029	6.11%	0.485%
12	9.082	1201	1212	1222	rBV	590630	1245577	62.41%	4.947%
13	9.582	1282	1297	1313	rBV2	279501	685778	34.36%	2.724%
14	9.759	1319	1327	1333	rVV4	23165	43315	2.17%	0.172%
15	9.847	1335	1342	1348	rVB4	19654	41969	2.10%	0.167%
16	9.982	1358	1365	1376	rVB6	23836	57414	2.88%	0.228%
17	10.188	1394	1400	1410	rVB4	18591	48793	2.44%	0.194%
18	10.318	1413	1422	1435	rBV5	24665	63545	3.18%	0.252%
19	10.547	1453	1461	1478	rBV	1016245	1995728	100.00%	7.927%
20	10.676	1478	1483	1486	rVV5	9441	19992	1.00%	0.079%
21	10.724	1486	1491	1502	rVB5	42243	103524	5.19%	0.411%
22	10.894	1513	1520	1527	rVB2	68630	133148	6.67%	0.529%
23	10.982	1527	1535	1541	rBV3	36863	84736	4.25%	0.337%
24	11.147	1556	1563	1569	rVB7	10694	22504	1.13%	0.089%
25	11.253	1569	1581	1584	rBV8	9198	30074	1.51%	0.119%
26	11.323	1589	1593	1597	rBV6	12461	22587	1.13%	0.090%
27	11.400	1597	1606	1611	rVV2	92530	203876	10.22%	0.810%
28	11.453	1611	1615	1620	rVV2	54779	93457	4.68%	0.371%
29	11.553	1628	1632	1637	rVB7	14697	26246	1.32%	0.104%
30	11.659	1643	1650	1657	rVB4	25556	52742	2.64%	0.209%
31	11.723	1657	1661	1666	rBV3	11802	21424	1.07%	0.085%
32	11.847	1674	1682	1693	rBV	845345	1518830	76.10%	6.033%
33	11.947	1693	1699	1703	rBV2	57553	101971	5.11%	0.405%
34	12.094	1719	1724	1736	rVB6	45112	154721	7.75%	0.615%
35	12.259	1745	1752	1760	rVB5	21454	45905	2.30%	0.182%
36	12.353	1760	1768	1775	rBV6	42618	118752	5.95%	0.472%

Sample Results: **VN087535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

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_N\methods\82N071625W.M
Title : SW846 8260

37	12.518	1791	1796	1797	rBV4	21071	29936	1.50%	0.119%
38	12.559	1799	1803	1807	rVV5	51585	90349	4.53%	0.359%
39	12.676	1818	1823	1833	rVB	63454	113171	5.67%	0.450%
40	12.829	1842	1849	1858	rBV	634235	1118994	56.07%	4.445%
41	12.912	1859	1863	1868	rVV4	30771	57883	2.90%	0.230%
42	13.012	1871	1880	1886	rVV2	120721	257132	12.88%	1.021%
43	13.112	1892	1897	1900	rVV	53986	103395	5.18%	0.411%
44	13.153	1900	1904	1911	rVV5	73997	158788	7.96%	0.631%
45	13.317	1924	1932	1938	rBV	82820	182394	9.14%	0.724%
46	13.376	1938	1942	1945	rBV4	23090	40816	2.05%	0.162%
47	13.406	1945	1947	1951	rVV5	21455	30925	1.55%	0.123%
48	13.459	1951	1956	1968	rVB	484404	838830	42.03%	3.332%
49	13.594	1968	1979	1984	rBV4	93552	227313	11.39%	0.903%
50	13.664	1985	1991	1994	rBV5	25135	45768	2.29%	0.182%
51	13.706	1994	1998	2003	rBV2	46934	80565	4.04%	0.320%
52	13.770	2003	2009	2020	rBV2	840599	1823259	91.36%	7.242%
53	13.859	2021	2024	2029	rVB3	30629	47088	2.36%	0.187%
54	13.929	2030	2036	2040	rBV	118604	191689	9.60%	0.761%
55	13.976	2040	2044	2046	rBV2	54508	82840	4.15%	0.329%
56	14.012	2047	2050	2053	rBV2	44674	58770	2.94%	0.233%
57	14.100	2059	2065	2071	rBV3	134261	240580	12.05%	0.956%
58	14.164	2071	2076	2080	rVV	67629	118824	5.95%	0.472%
59	14.223	2081	2086	2088	rVV2	111113	183525	9.20%	0.729%
60	14.253	2088	2091	2096	rVV	149628	235667	11.81%	0.936%
61	14.306	2096	2100	2107	rVV	312330	502663	25.19%	1.997%
62	14.376	2108	2112	2113	rVV2	41184	47155	2.36%	0.187%
63	14.417	2114	2119	2125	rVB2	247447	464367	23.27%	1.844%
64	14.488	2126	2131	2137	rVB5	67992	121396	6.08%	0.482%
65	14.553	2137	2142	2147	rBV3	122677	214784	10.76%	0.853%
66	14.635	2147	2156	2159	rVV3	278753	568138	28.47%	2.257%
67	14.670	2159	2162	2166	rVB	181863	238668	11.96%	0.948%
68	14.711	2166	2169	2173	rVB2	79091	91950	4.61%	0.365%
69	14.776	2173	2180	2184	rVB5	77293	156620	7.85%	0.622%
70	14.841	2184	2191	2192	rBV4	33513	62894	3.15%	0.250%
71	14.906	2197	2202	2206	rBV4	98665	186045	9.32%	0.739%
72	14.947	2206	2209	2214	rVB3	67413	103966	5.21%	0.413%
73	15.011	2214	2220	2228	rBV3	511257	1254934	62.88%	4.985%
74	15.188	2245	2250	2256	rBV2	86390	160639	8.05%	0.638%
75	15.247	2256	2260	2263	rVV6	47459	82777	4.15%	0.329%
76	15.294	2263	2268	2273	rVV2	172707	368293	18.45%	1.463%

Sample Results: **VN087535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

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_N\methods\82N071625W.M
Title : SW846 8260

77	15.335	2273	2275	2281	rVV4	91924	176590	8.85%	0.701%
78	15.411	2282	2288	2297	rVB4	188046	474362	23.77%	1.884%
79	15.506	2299	2304	2309	rVB3	56989	101191	5.07%	0.402%
80	15.564	2309	2314	2318	rBV4	109507	206406	10.34%	0.820%
81	15.611	2318	2322	2328	rVB	195082	333646	16.72%	1.325%
82	15.670	2329	2332	2336	rBV3	34876	54841	2.75%	0.218%
83	15.723	2337	2341	2345	rBV2	49406	75823	3.80%	0.301%
84	15.911	2366	2373	2381	rBV7	68813	200055	10.02%	0.795%
85	16.000	2383	2388	2392	rBV8	37215	76414	3.83%	0.304%
86	16.088	2400	2403	2407	rBV4	31755	56881	2.85%	0.226%
87	16.141	2407	2412	2419	rVB3	115922	221463	11.10%	0.880%
88	16.229	2422	2427	2433	rBV5	52626	94169	4.72%	0.374%
89	16.470	2458	2468	2478	rBV6	130236	363950	18.24%	1.446%
90	16.588	2481	2488	2494	rVB6	54339	124466	6.24%	0.494%
91	16.676	2494	2503	2508	rBV7	53868	149866	7.51%	0.595%
92	16.753	2508	2516	2522	rBV	780826	1853119	92.85%	7.361%

Sum of corrected areas: 25176308

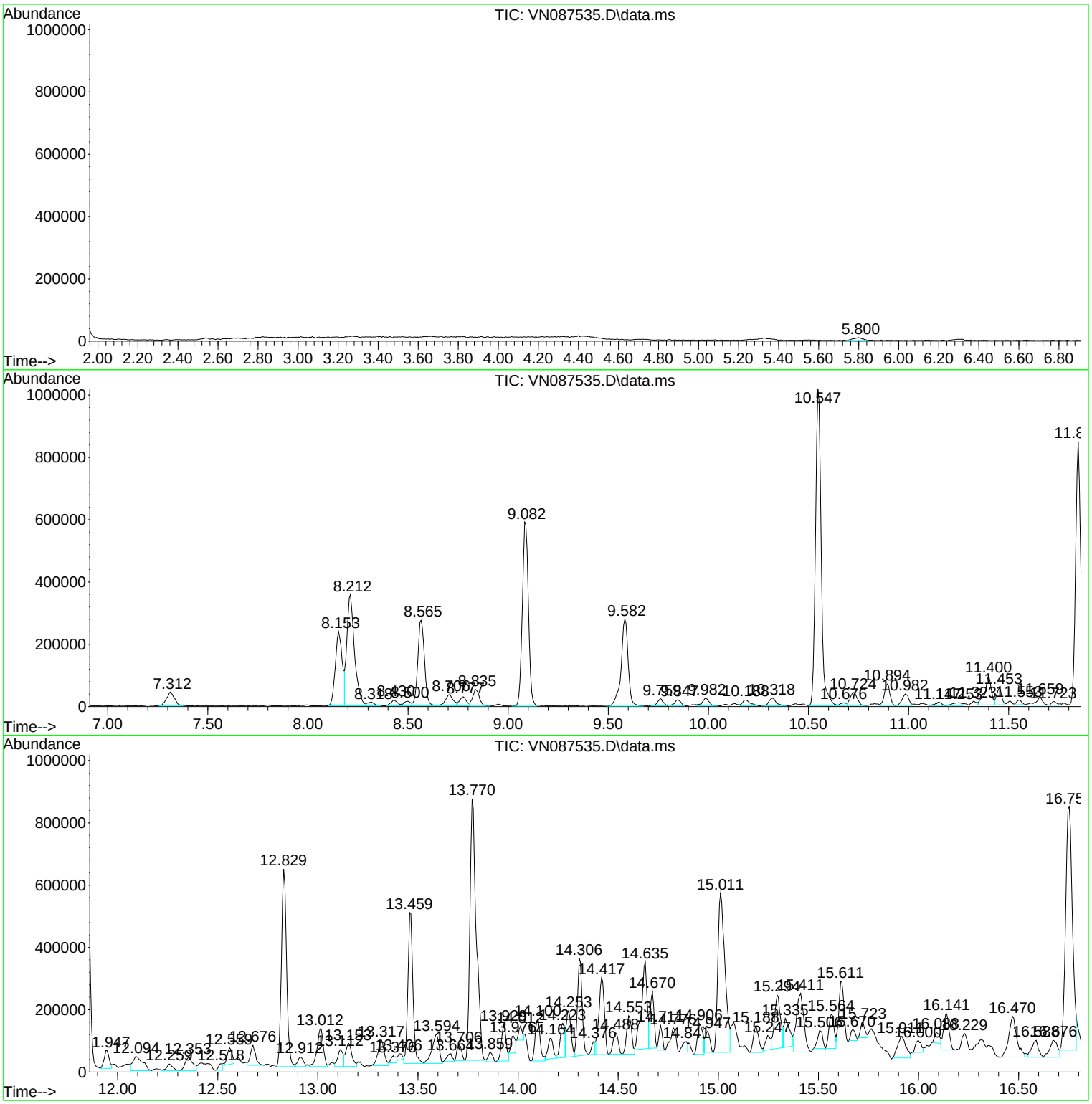
Sample Results: **VN087535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

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Quant Title : SW846 8260

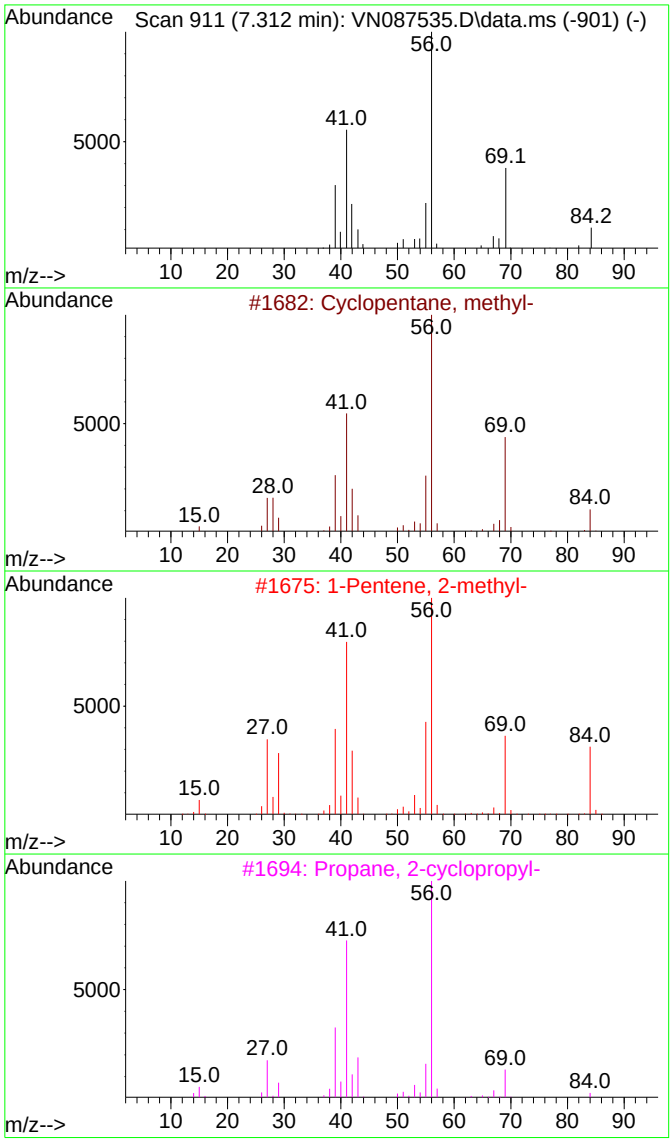
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

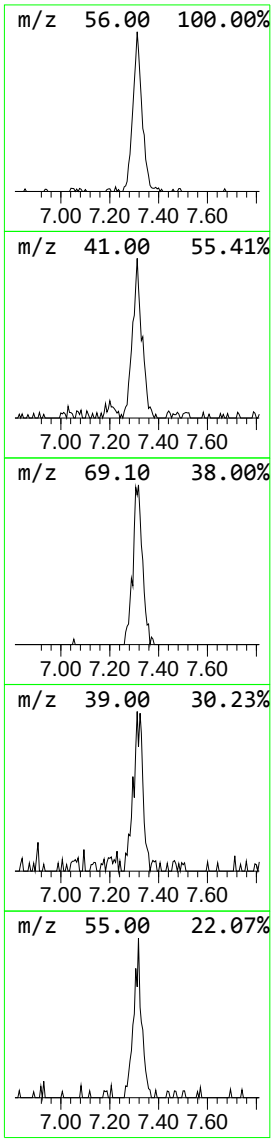
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	6.61 ug/l	122862	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56





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Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

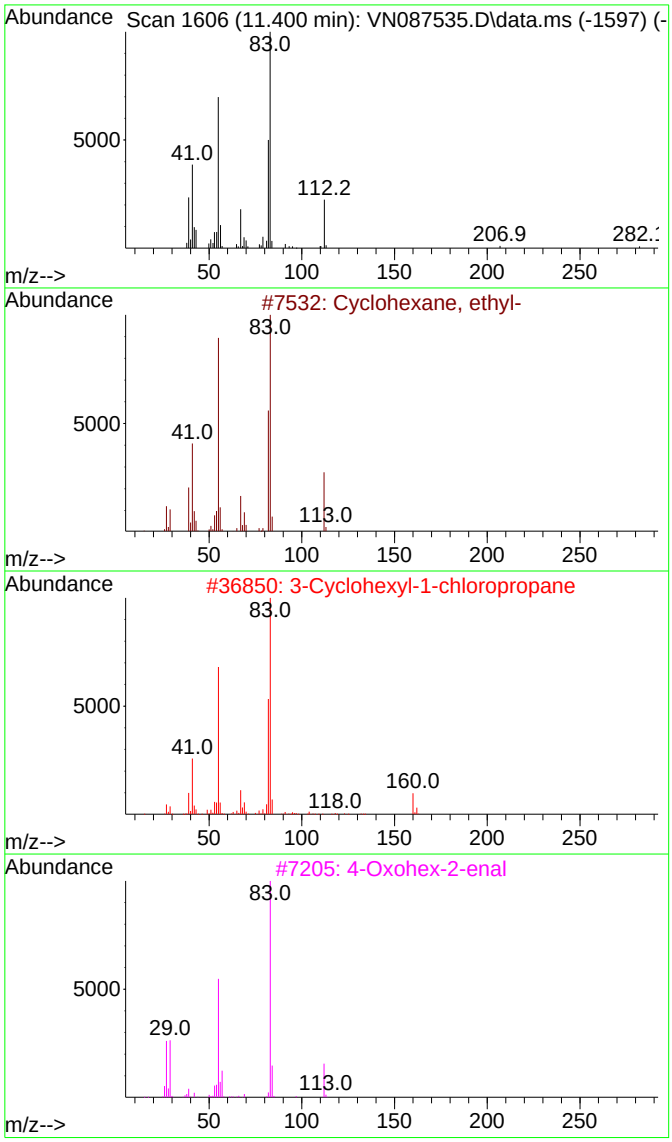
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

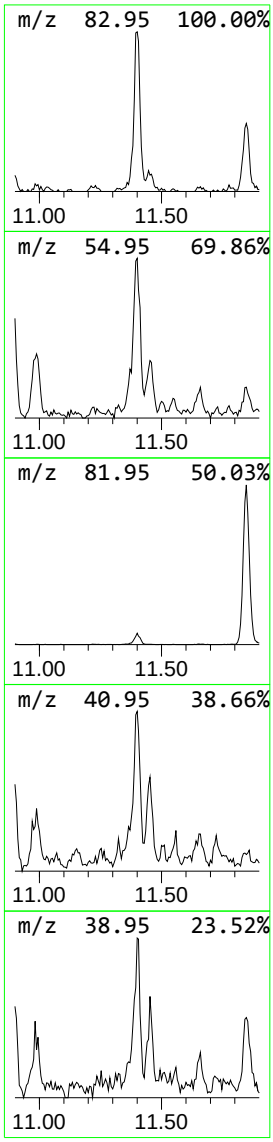
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	6.71 ug/l	203876	Chlorobenzene-d5	11.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
3	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	50
4	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50
5	Heptylcyclohexane	182	C13H26	005617-41-4	50





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Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

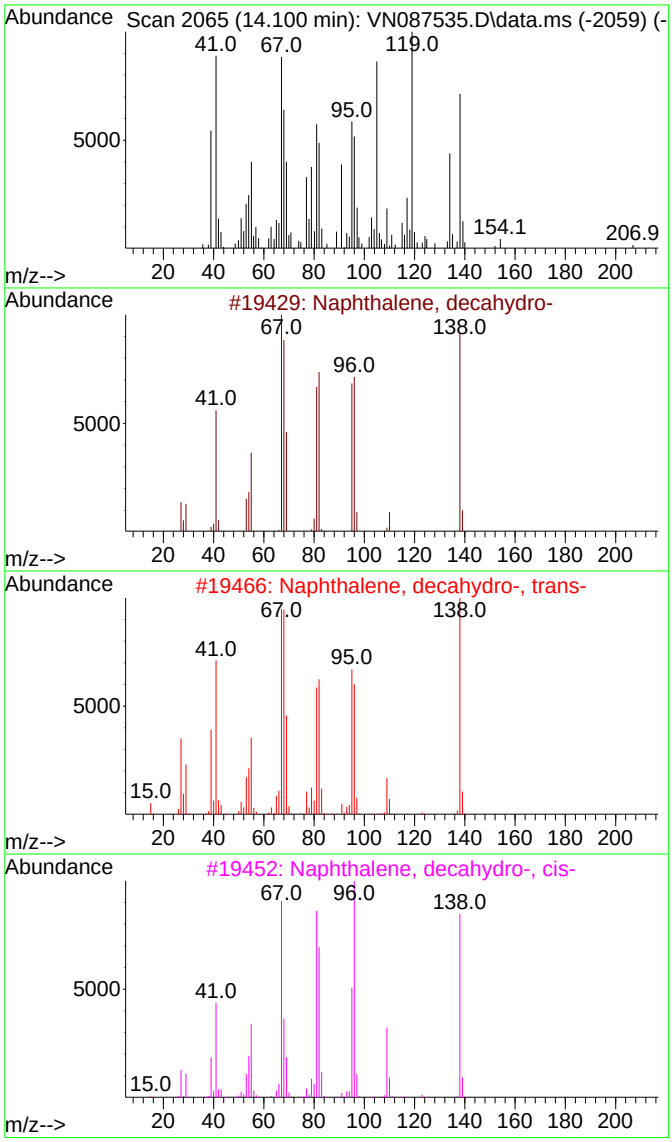
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

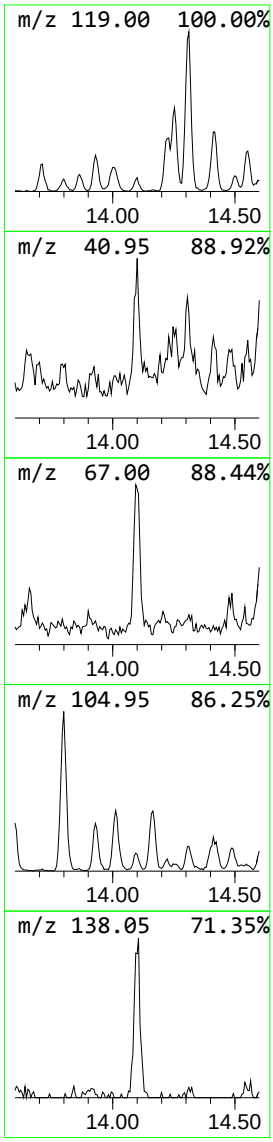
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.100	6.60 ug/l	240580	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55
4	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	53
5	Spiro[4.5]decane	138	C10H18	000176-63-6	49





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Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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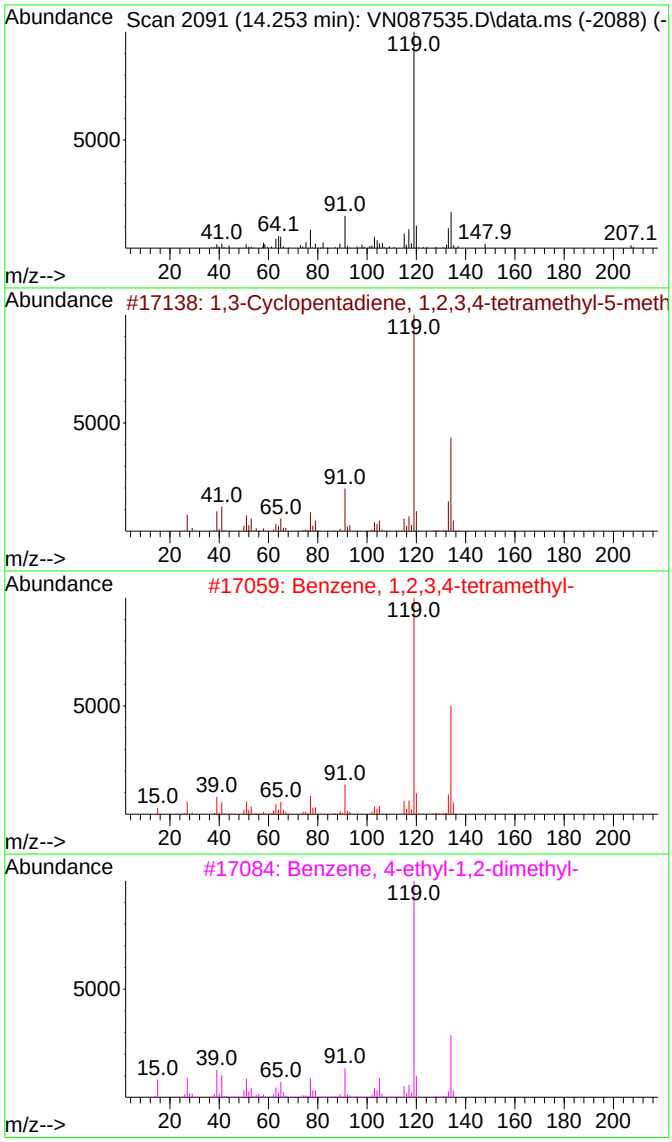
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

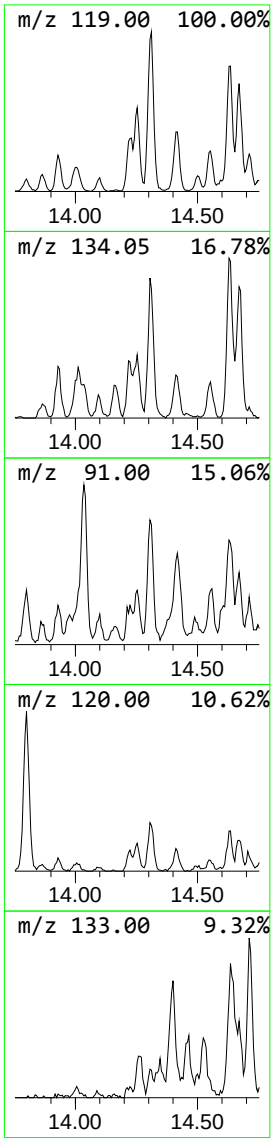
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.253	6.46 ug/l	235667	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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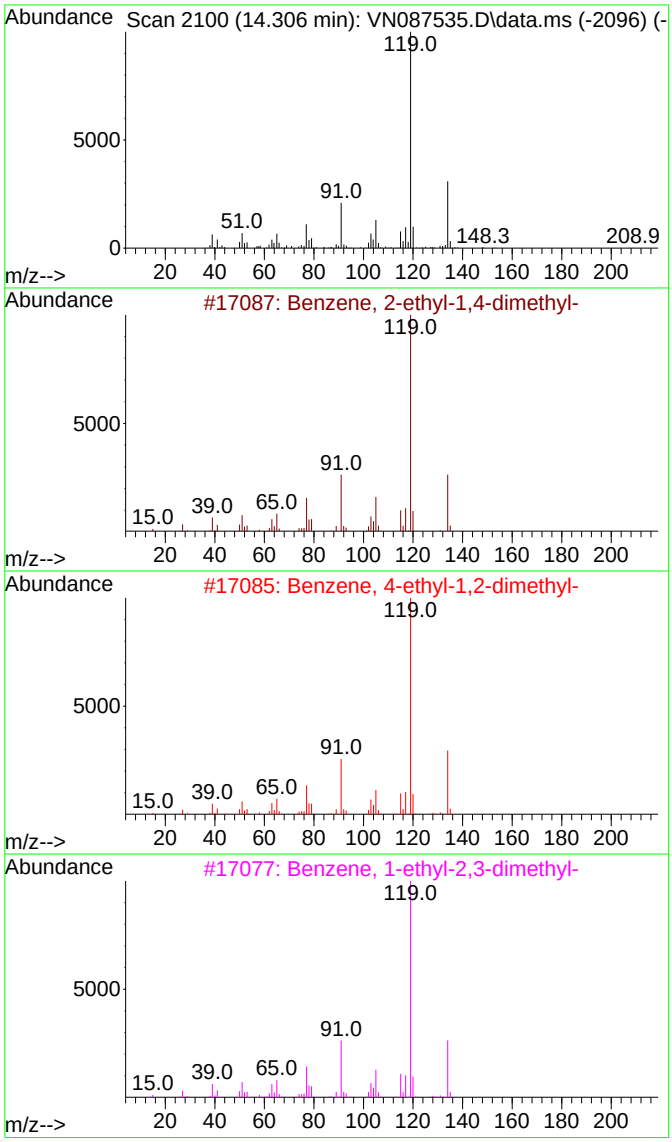
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

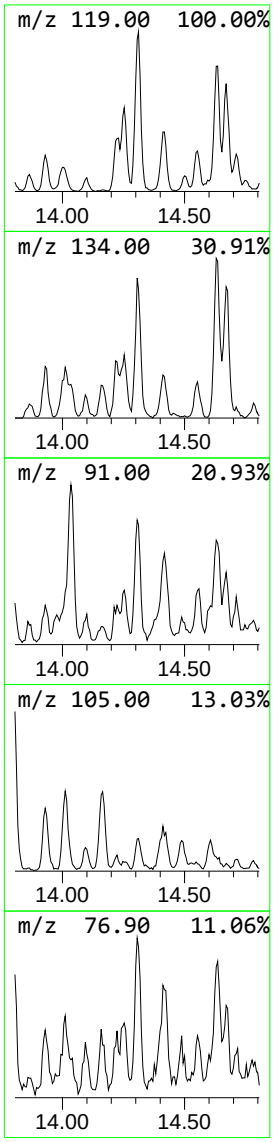
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	13.78 ug/l	502663	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





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Sample : Q2825-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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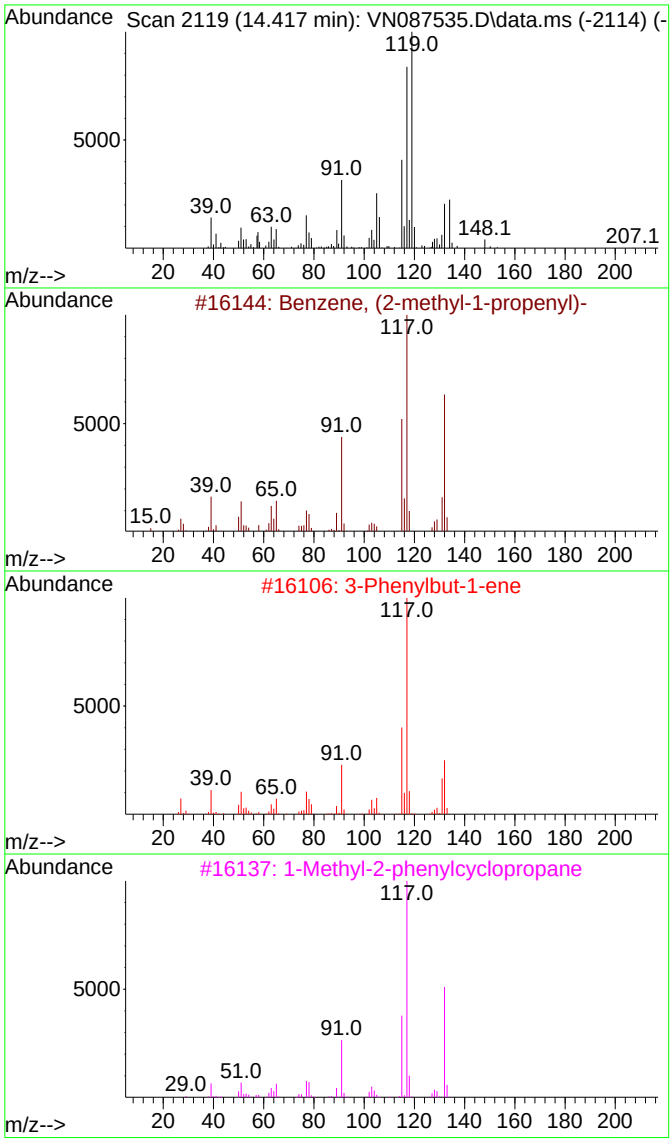
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

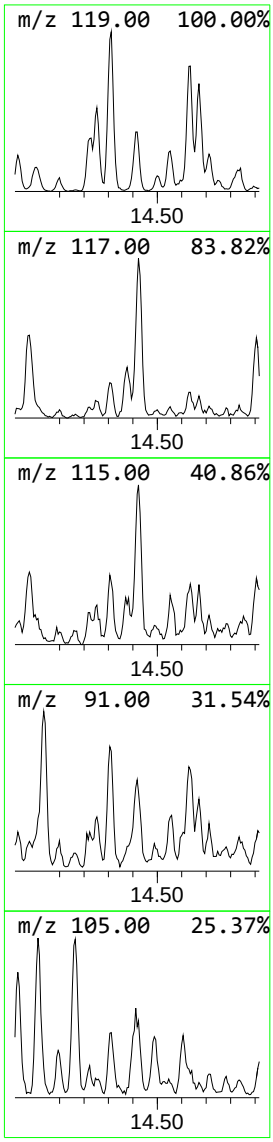
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.417	12.73 ug/l	464367	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	45
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	41





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Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

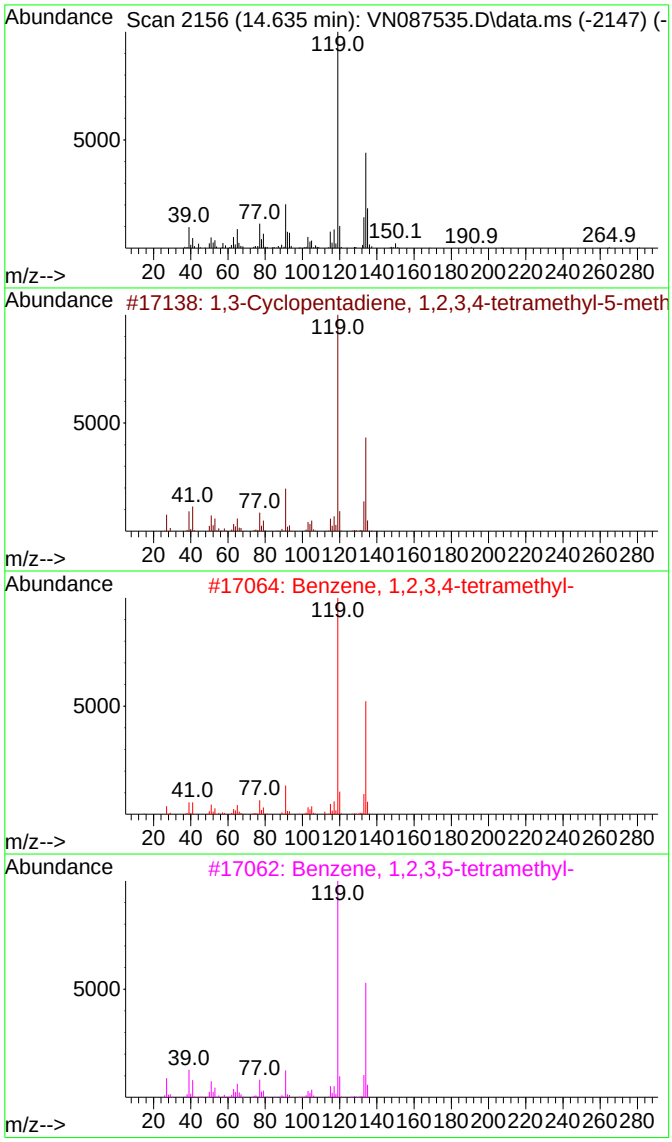
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

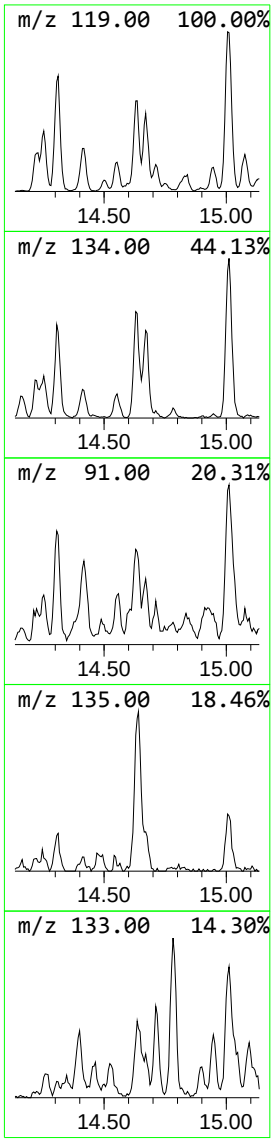
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	15.58 ug/l	568138	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

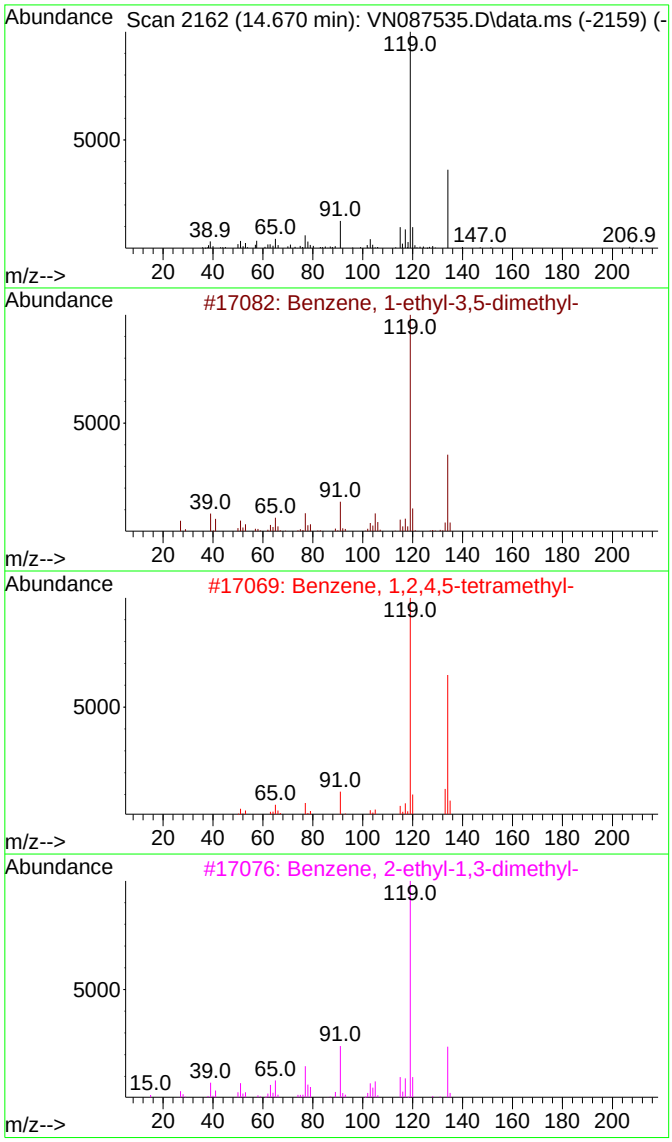
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

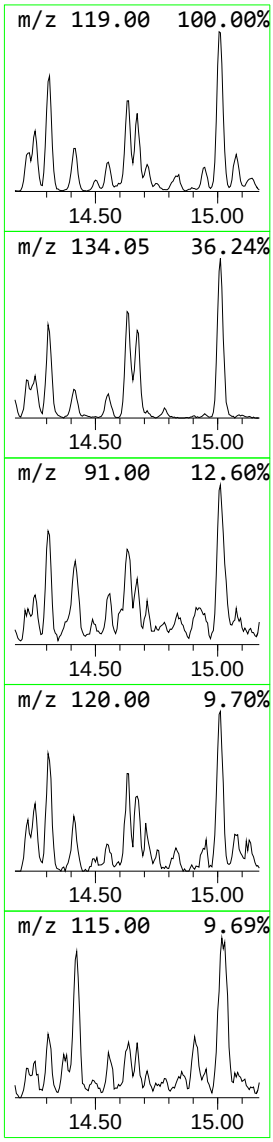
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	6.55 ug/l	238668	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

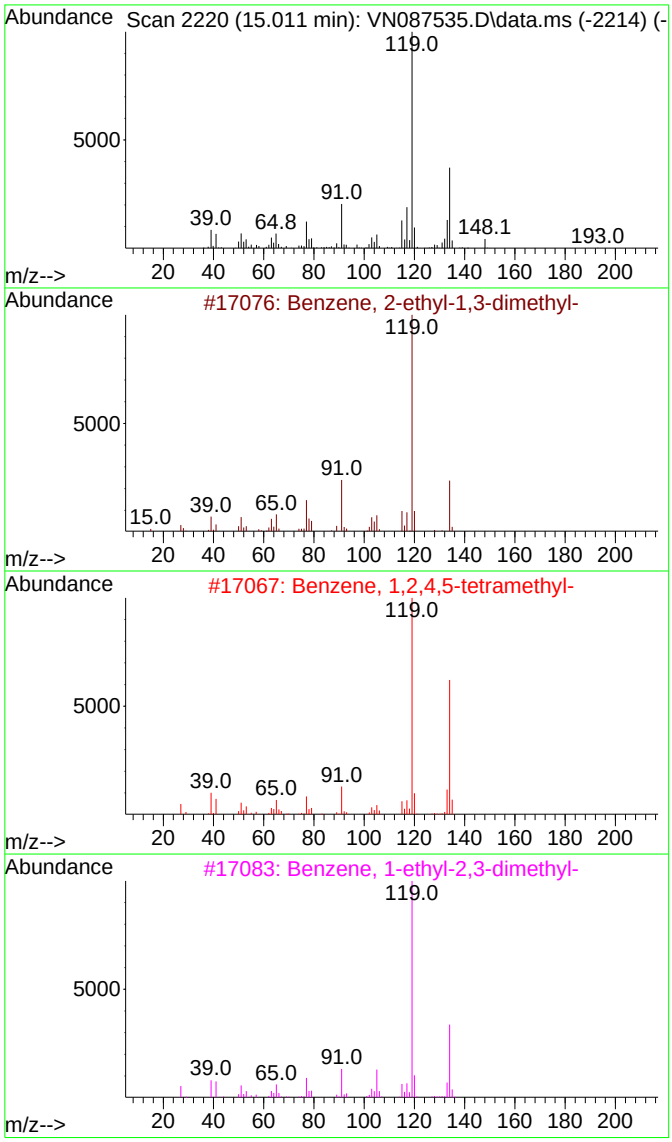
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

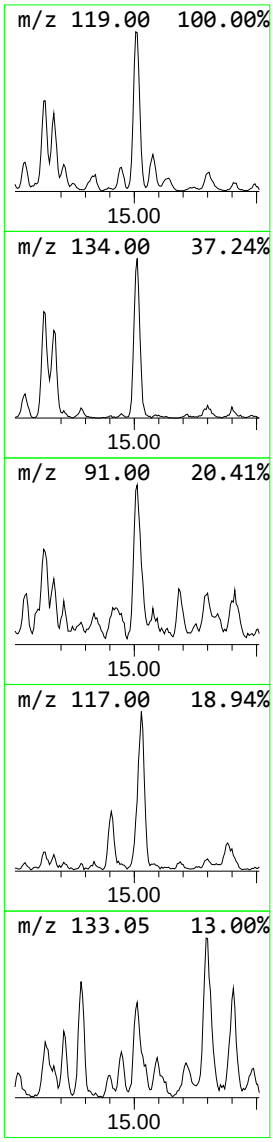
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.012	34.41 ug/l	1254930	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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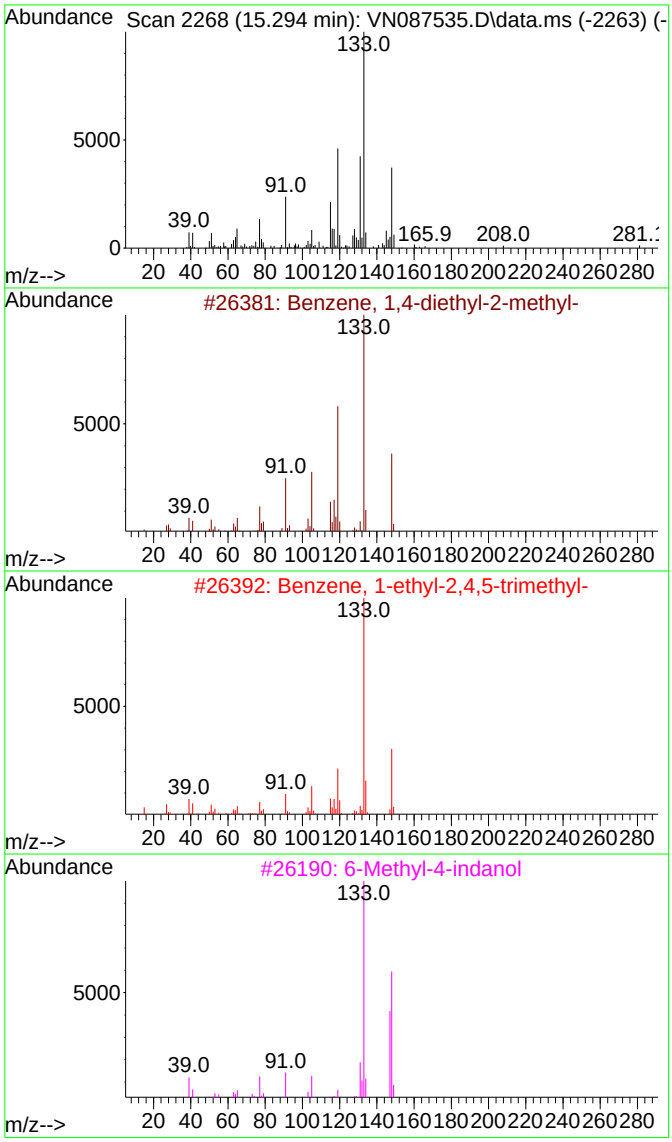
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

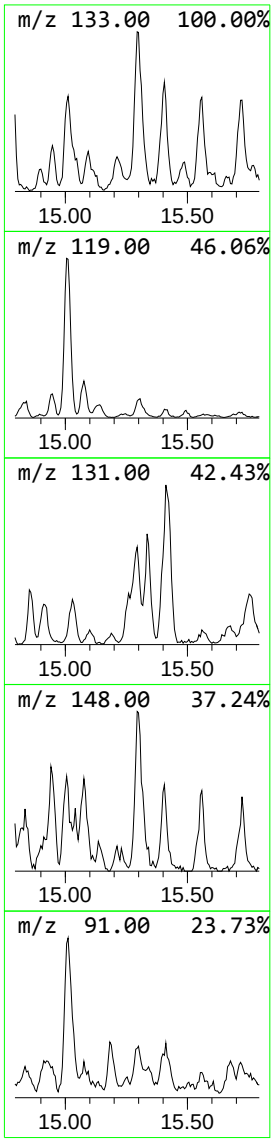
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	10.10 ug/l	368293	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50
3	6-Methyl-4-indanol	148	C10H12O	020294-32-0	43
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	38
5	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	38





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Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

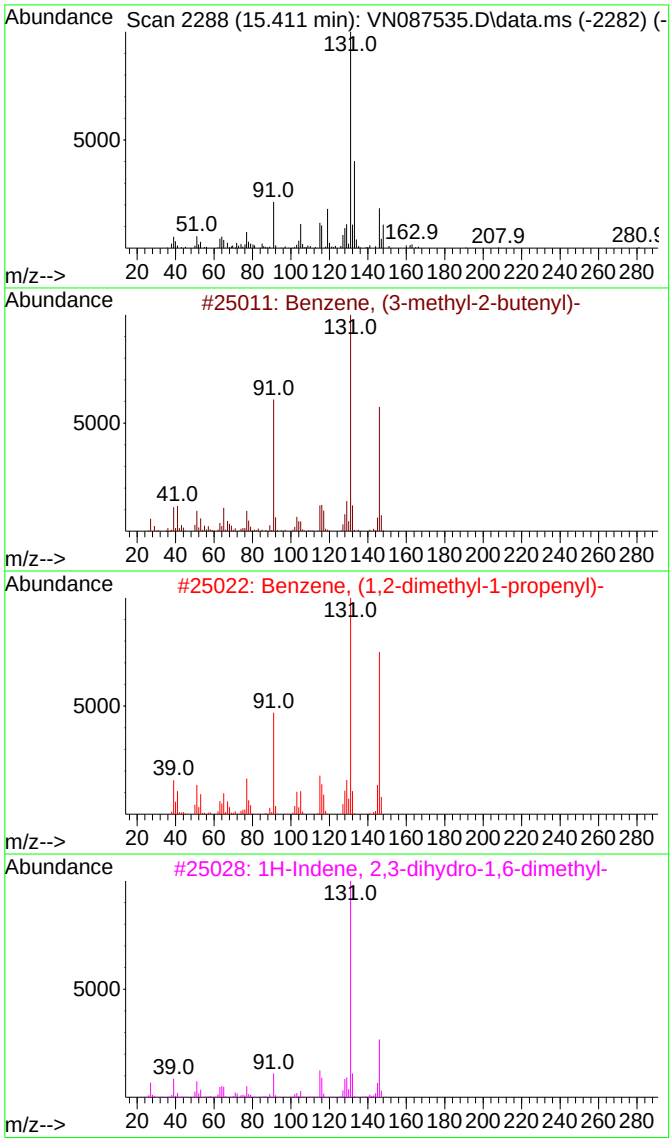
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

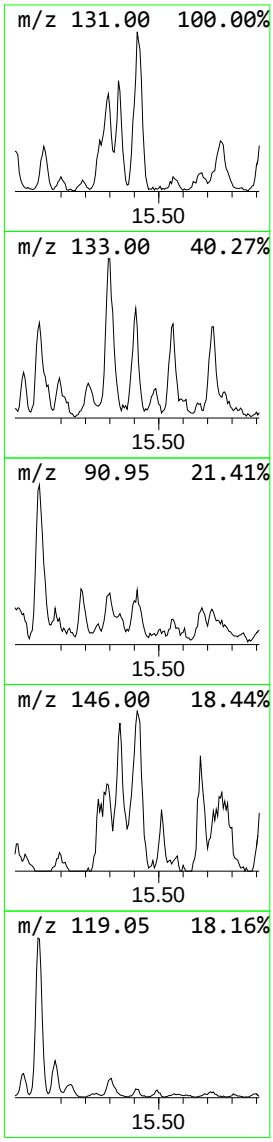
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.411	13.01 ug/l	474362	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	62
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	58
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

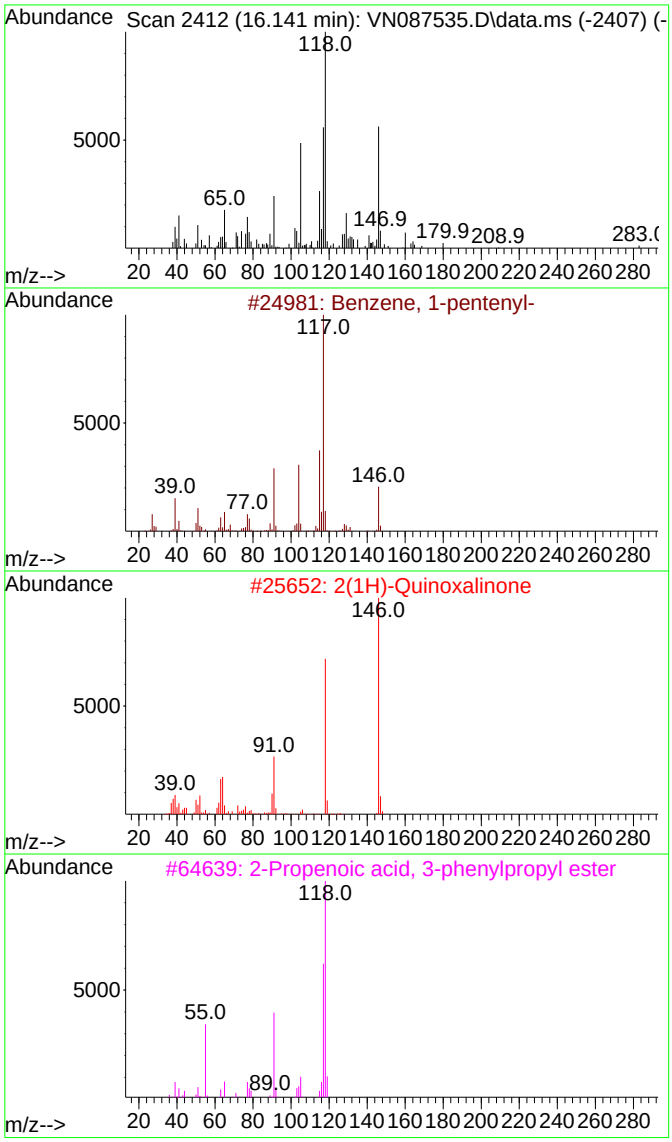
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

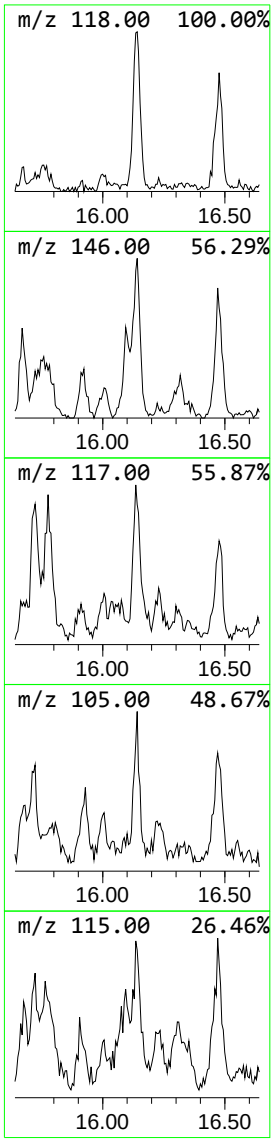
****

Peak Number 13 unknown16.141 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.141	6.07 ug/l	221463	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	45
2	2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	43
3	2-Propenoic acid, 3-phenylpropyl...	190	C12H14O2	085909-41-7	43
4	Cyclobutanone, 3-phenylmethyl-	160	C11H12O	055262-02-7	43
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

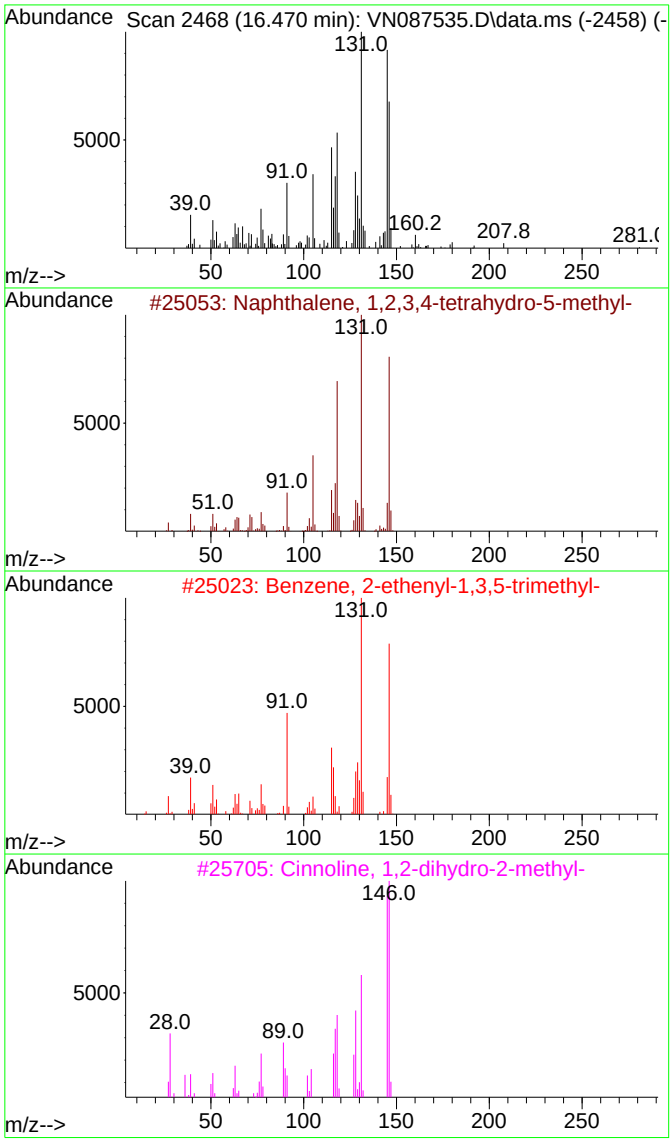
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

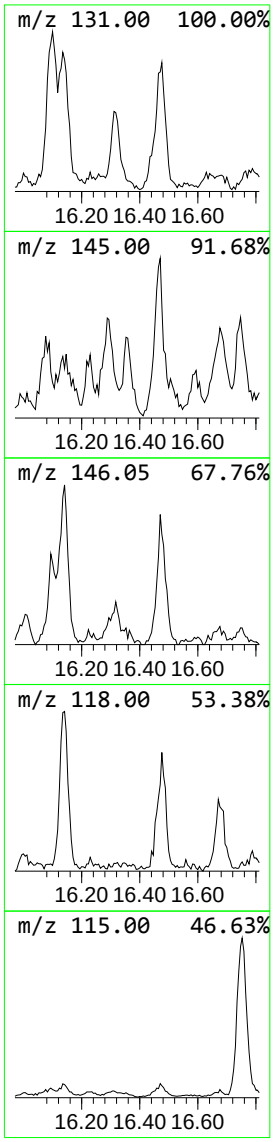
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	9.98 ug/l	363950	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087535.D
Acq On : 13 Aug 2025 15:14
Operator : JC\MD
Sample : Q2825-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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
Cyclopentane, m...	7.312	6.6	ug/l	122862	1	8.206	929026	50.0
Cyclohexane, et...	11.400	6.7	ug/l	203876	3	11.847	1518830	50.0
Naphthalene, de...	14.100	6.6	ug/l	240580	4	13.770	1823260	50.0
1,3-Cyclopentad...	14.253	6.5	ug/l	235667	4	13.770	1823260	50.0
Benzene, 2-ethy...	14.306	13.8	ug/l	502663	4	13.770	1823260	50.0
Benzene, (2-met...	14.417	12.7	ug/l	464367	4	13.770	1823260	50.0
Benzene, 1,2,3,...	14.635	15.6	ug/l	568138	4	13.770	1823260	50.0
Benzene, 1-ethy...	14.670	6.5	ug/l	238668	4	13.770	1823260	50.0
Benzene, 2-ethy...	15.012	34.4	ug/l	1254930	4	13.770	1823260	50.0
Benzene, 1,4-di...	15.294	10.1	ug/l	368293	4	13.770	1823260	50.0
Benzene, (3-met...	15.411	13.0	ug/l	474362	4	13.770	1823260	50.0
unknown16.141	16.141	6.1	ug/l	221463	4	13.770	1823260	50.0
Naphthalene, 1,...	16.470	10.0	ug/l	363950	4	13.770	1823260	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Time: Aug 13 03:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	238840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	519697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	475077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	246969	60.941	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.880%			
35) Dibromofluoromethane	8.153	113	177605	49.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	10.547	98	662552	51.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.829	95	243231	51.484	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds						Qvalue

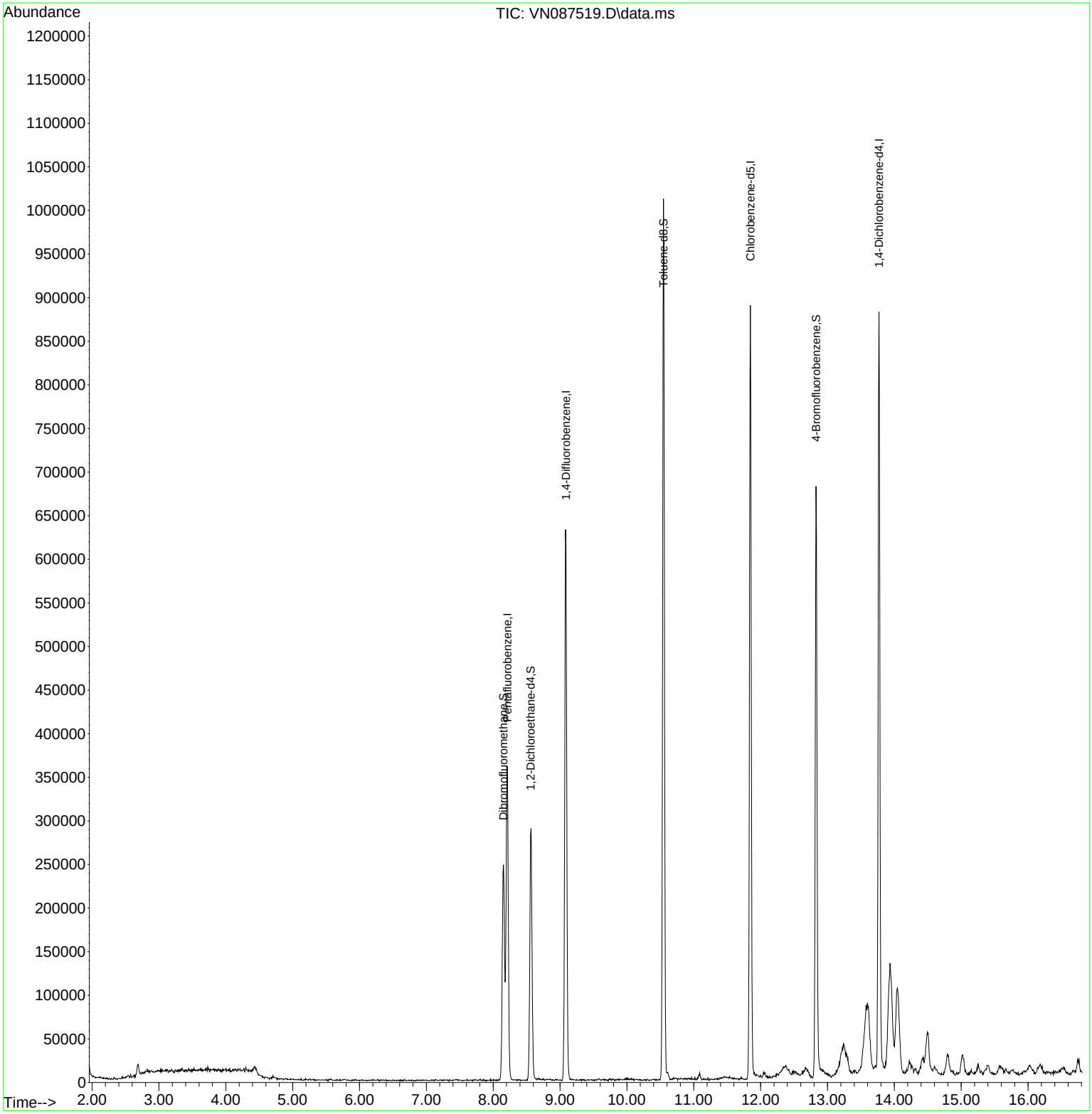
(#) = qualifier out of range (m) = manual integration (+) = signals summed

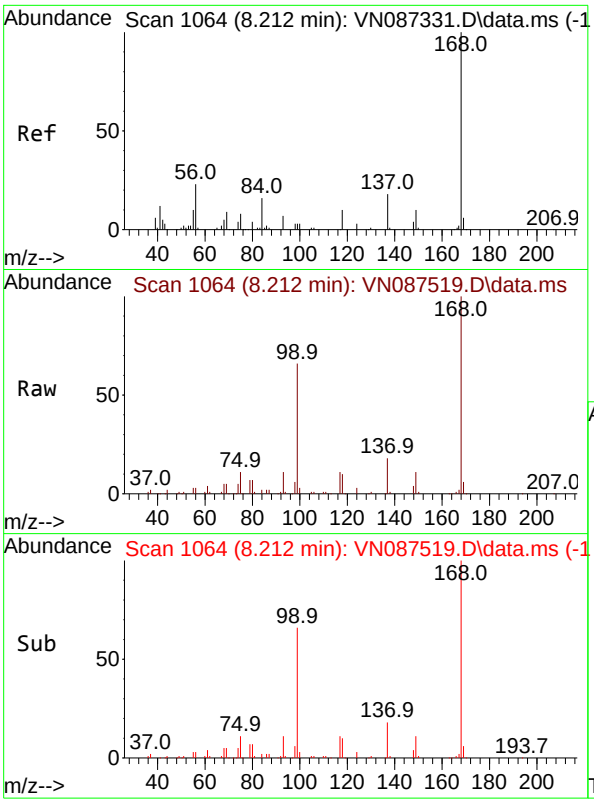
Sample Results: **VN087519.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Time: Aug 13 03:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



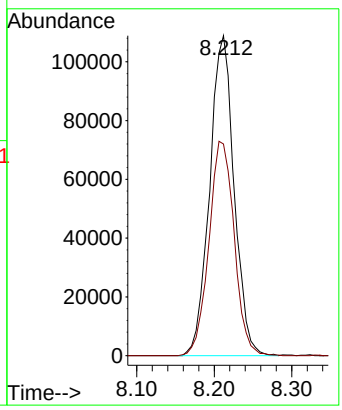


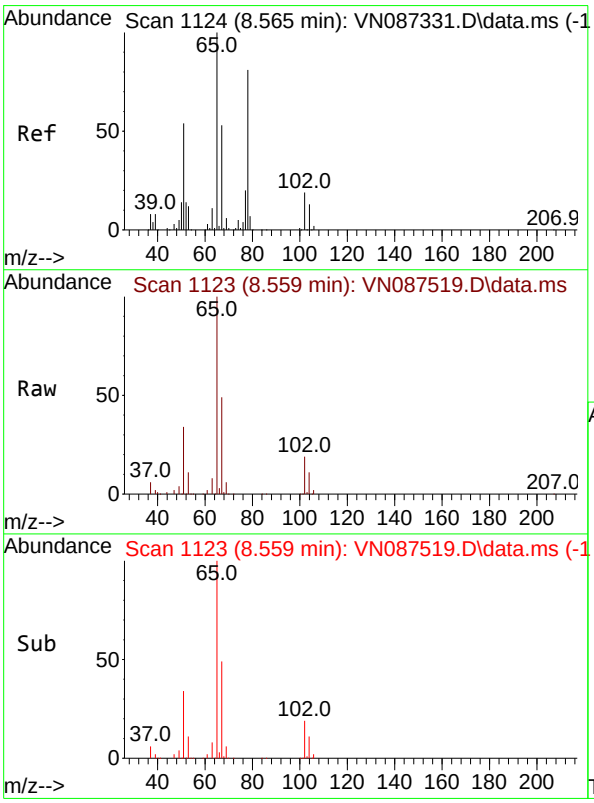
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:168 Resp: 238840

Ion	Ratio	Lower	Upper
168	100		
99	66.2	47.9	71.9

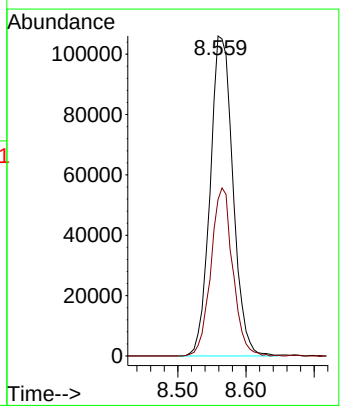


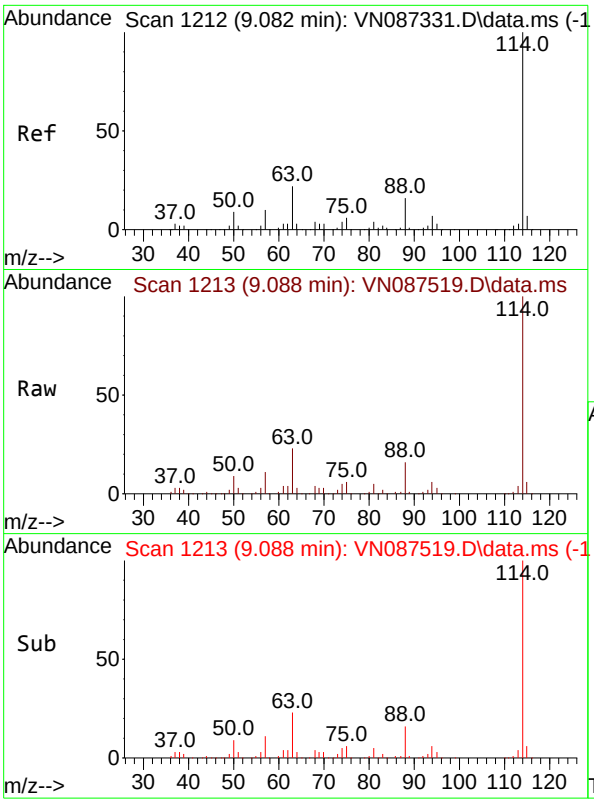


#33
1,2-Dichloroethane-d4
Concen: 60.941 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Tgt Ion: 65 Resp: 246969

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.0



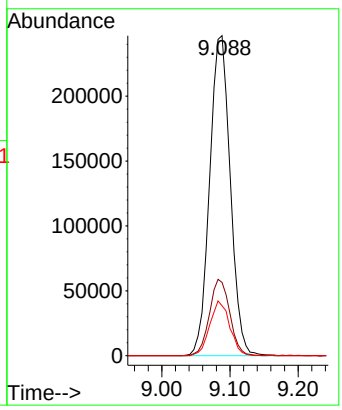


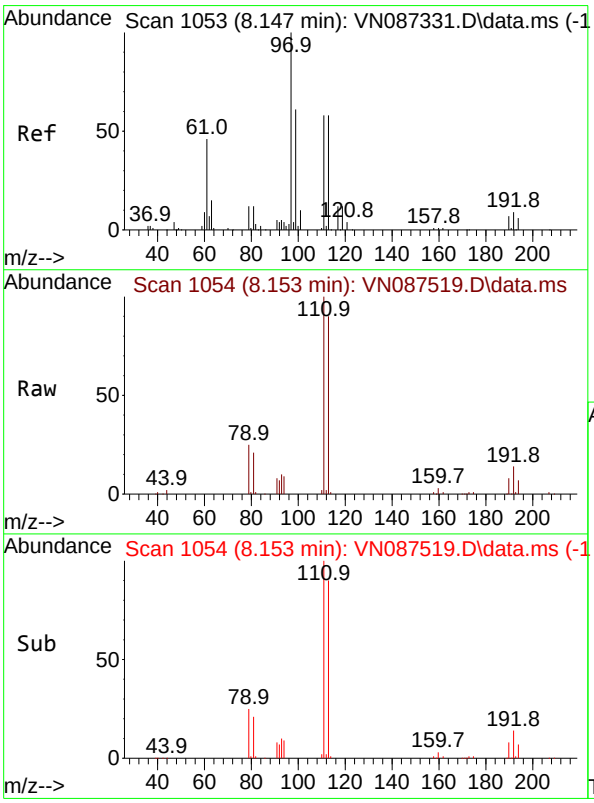
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:114 Resp: 519697

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.6
88	15.6	0.0	32.8

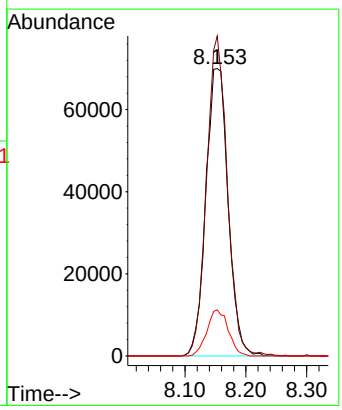


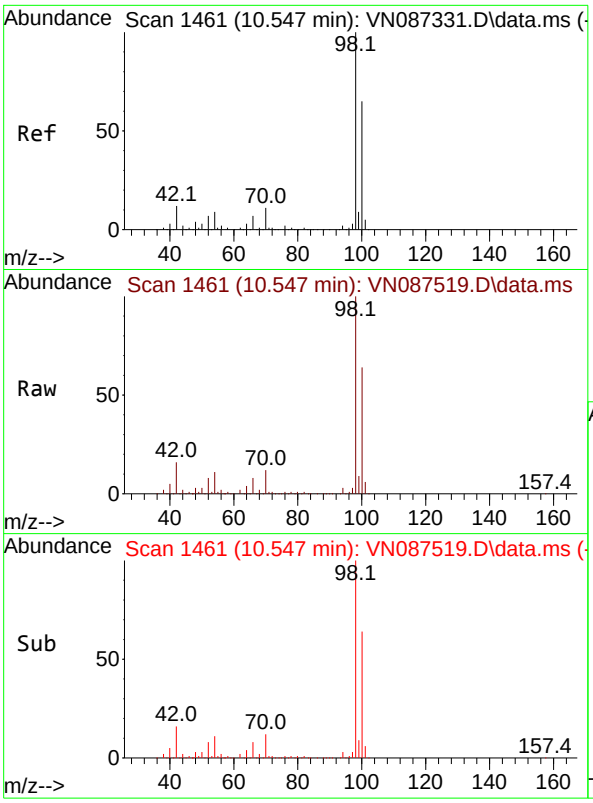


#35
Dibromofluoromethane
Concen: 49.543 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Tgt Ion:113 Resp: 177605

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.5	123.7
192	15.4	13.7	20.5



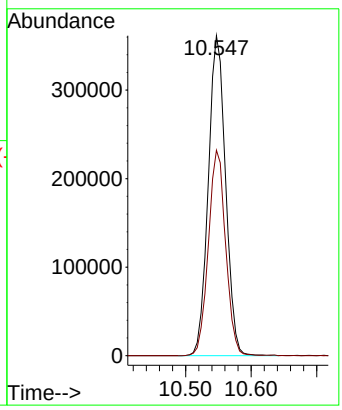


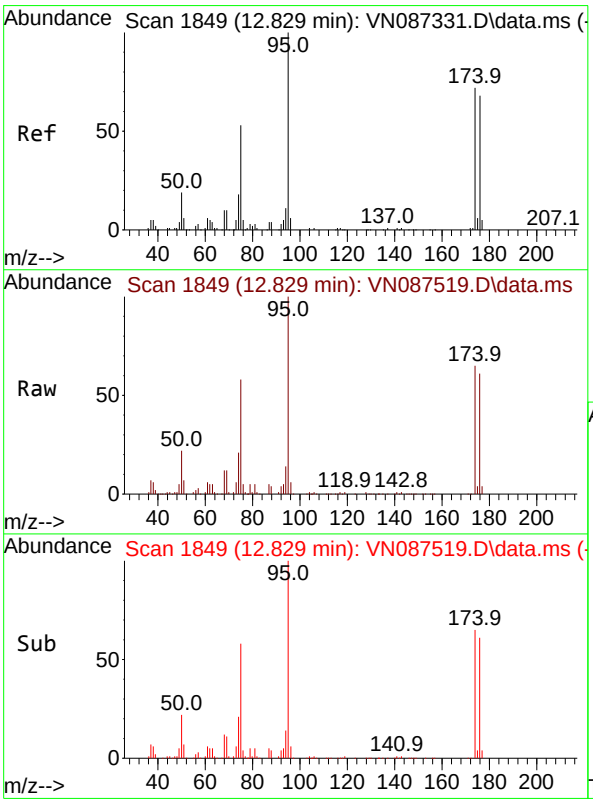
#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion: 98 Resp: 662552

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1

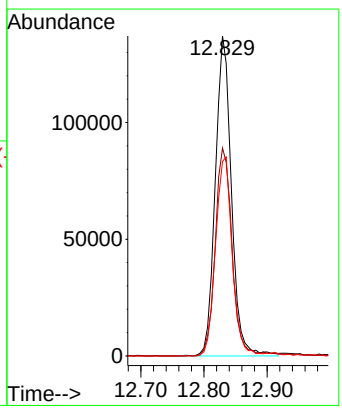


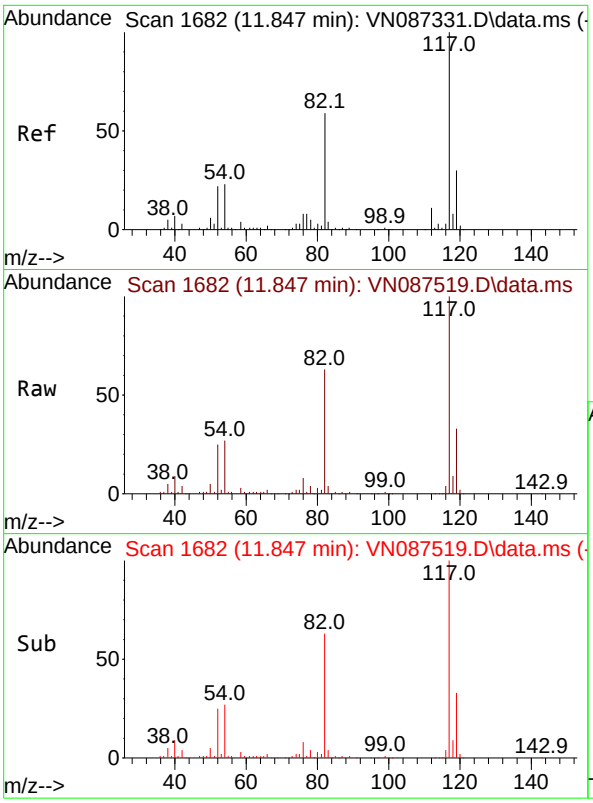


#62
4-Bromofluorobenzene
Concen: 51.484 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Tgt Ion: 95 Resp: 243231

Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	149.4
176	64.3	0.0	141.2



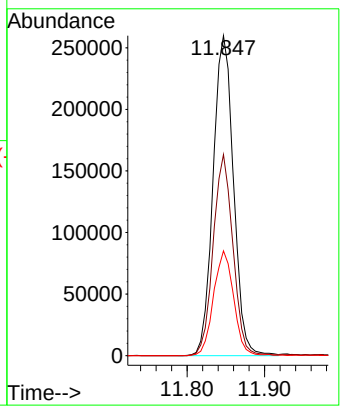


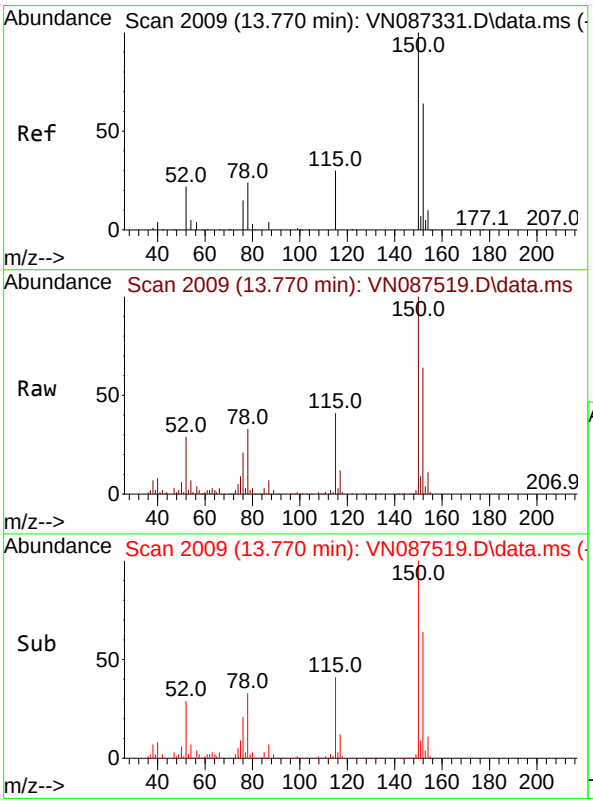
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:117 Resp: 475077

Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.4	71.2
119	32.7	23.8	35.8

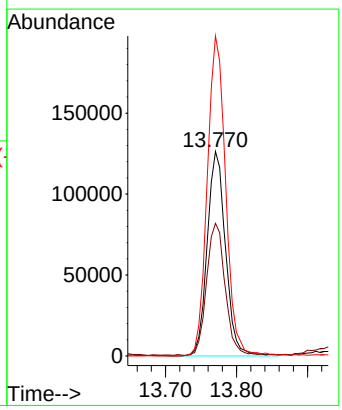




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087519.D
Acq: 12 Aug 2025 16:57

Tgt Ion:152 Resp: 226791

Ion	Ratio	Lower	Upper
152	100		
115	65.3	31.1	93.5
150	157.1	0.0	349.0



Sample Results: **VN087519.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

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_N\methods\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.689	118	125	133	rBV	14217	35868	1.93%	0.320%
2	8.153	1043	1054	1058	rBV	247163	587581	31.65%	5.239%
3	8.212	1058	1064	1075	rVB	359231	829567	44.69%	7.397%
4	8.565	1115	1124	1136	rBV	288778	666984	35.93%	5.947%
5	9.082	1202	1212	1224	rBV	632452	1332020	71.76%	11.877%
6	10.547	1452	1461	1470	rBV	1010623	1856314	100.00%	16.552%
7	11.847	1673	1682	1694	rBV	887721	1627292	87.66%	14.510%
8	12.829	1840	1849	1862	rBV	678551	1251673	67.43%	11.160%
9	13.176	1899	1908	1909	rBV7	15140	25470	1.37%	0.227%
10	13.223	1909	1916	1917	rVV7	21206	41924	2.26%	0.374%
11	13.241	1917	1919	1926	rVB7	16034	34509	1.86%	0.308%
12	13.576	1960	1976	1978	rBV4	74511	213607	11.51%	1.905%
13	13.770	2002	2009	2021	rVV	866925	1540105	82.97%	13.732%
14	13.935	2024	2037	2048	rVV2	122634	525411	28.30%	4.685%
15	14.047	2048	2056	2070	rVB5	97254	374649	20.18%	3.341%
16	14.417	2115	2119	2121	rBV5	11505	19555	1.05%	0.174%
17	14.494	2124	2132	2143	rVB5	43176	141559	7.63%	1.262%
18	14.794	2175	2183	2184	rBV7	21519	37615	2.03%	0.335%
19	15.023	2214	2222	2224	rBV6	20577	48117	2.59%	0.429%
20	16.741	2509	2514	2517	rBV6	14313	25531	1.38%	0.228%

Sum of corrected areas: 11215351

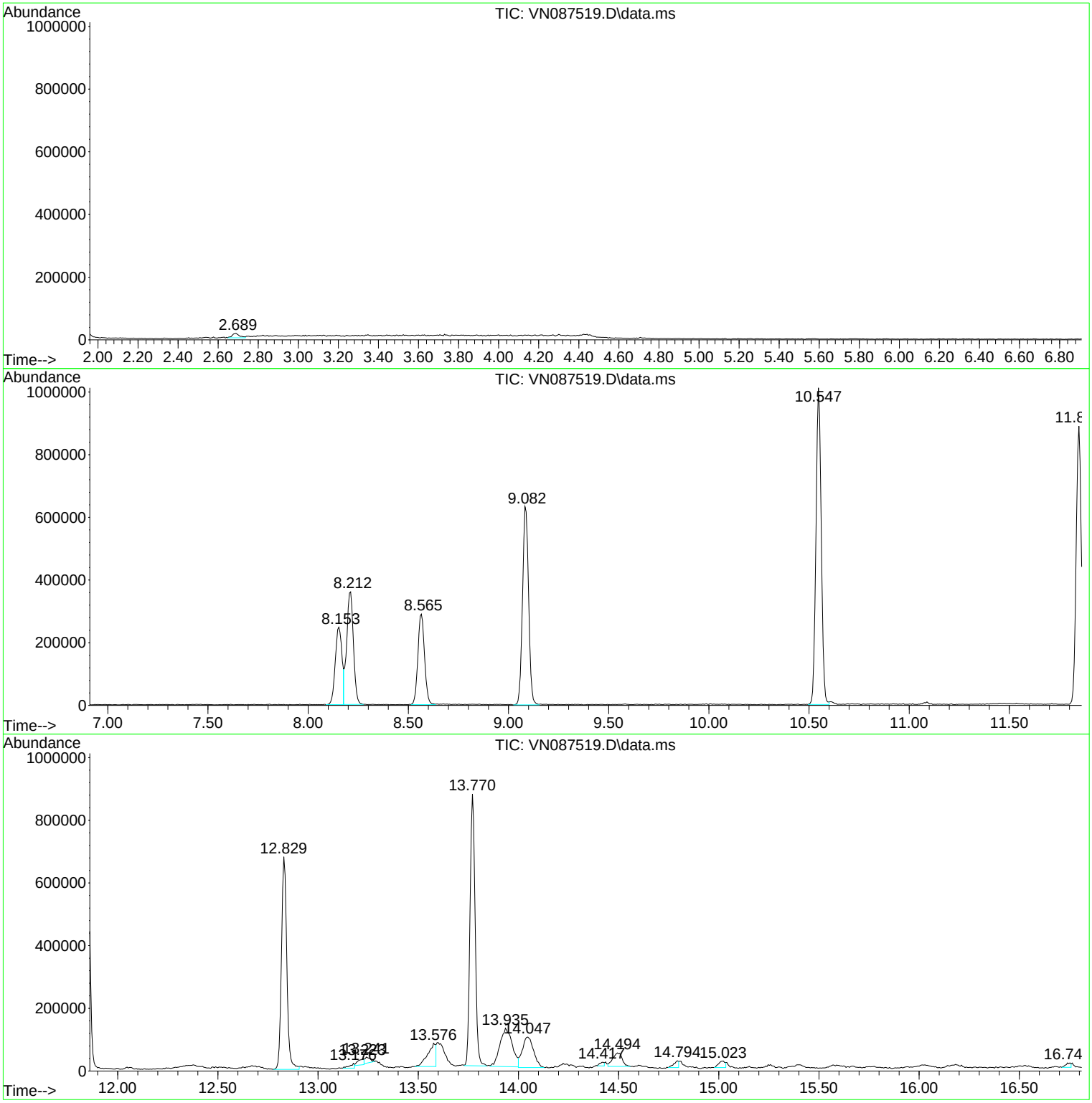
Sample Results: **VN087519.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087519.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087519.D
Acq On : 12 Aug 2025 16:57
Operator : JC\MD
Sample : Q2825-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Time: Aug 13 03:00:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

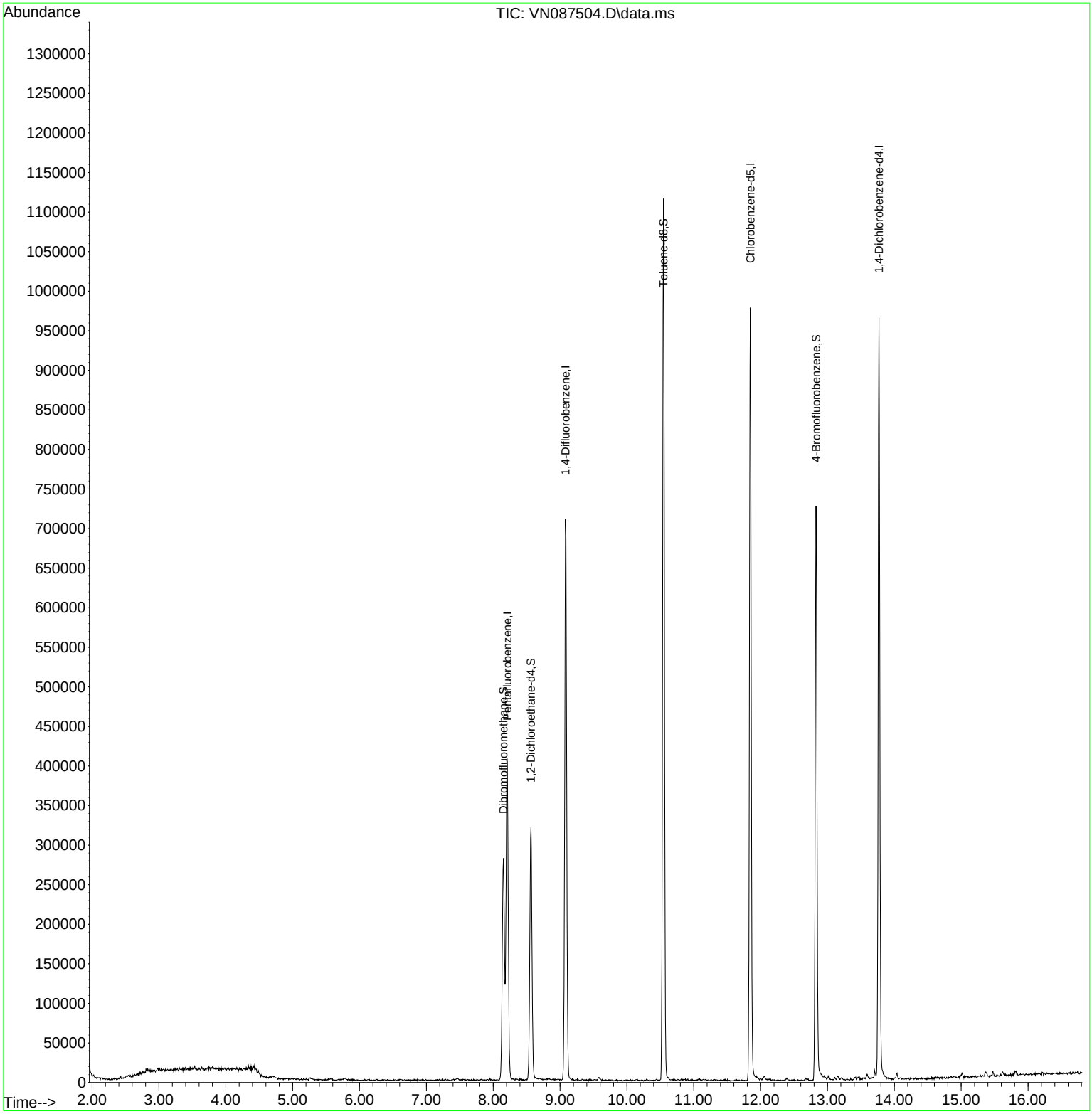
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	271221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	578160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	521832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	242445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	268632	58.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.740%			
35) Dibromofluoromethane	8.153	113	200423	50.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.547	98	730025	51.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.829	95	263428	50.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds						Qvalue

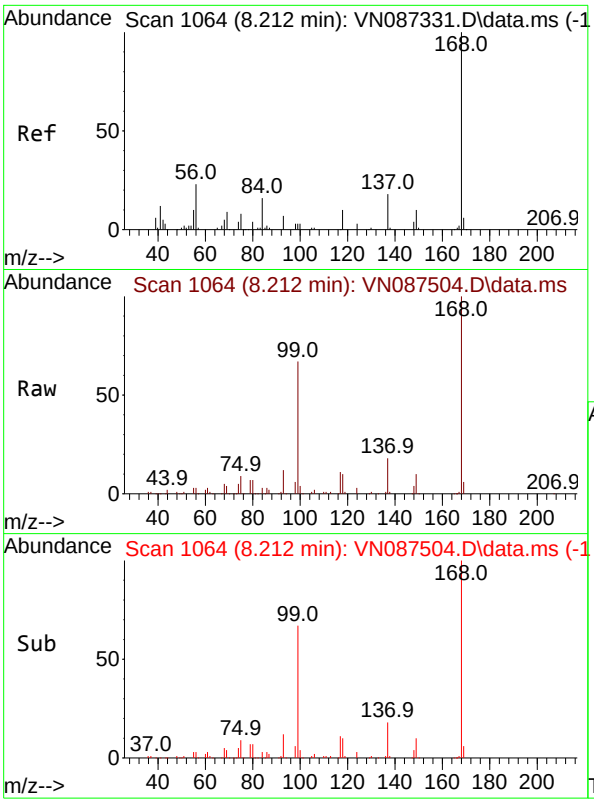
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Time: Aug 13 03:00:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



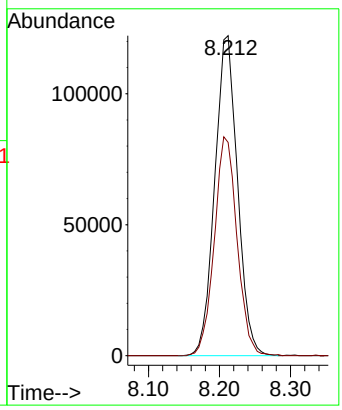


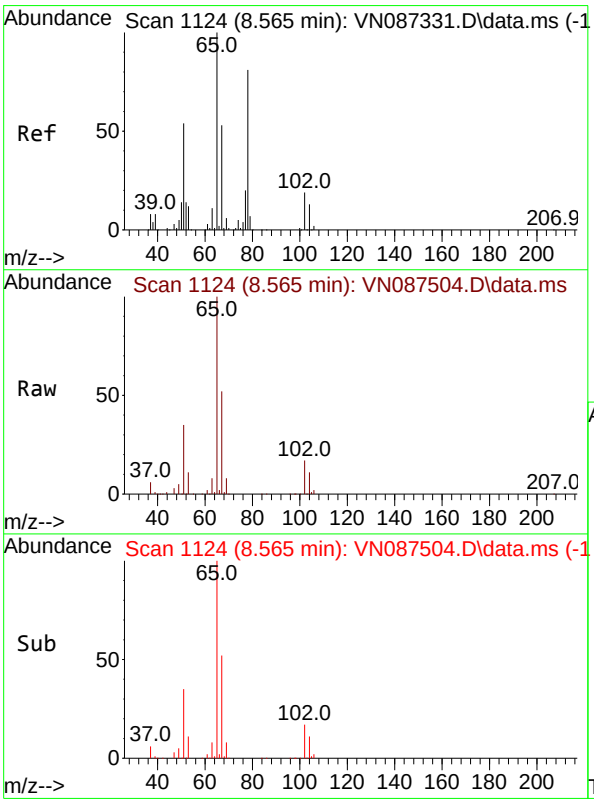
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:168 Resp: 271221

Ion	Ratio	Lower	Upper
168	100		
99	66.6	47.9	71.9

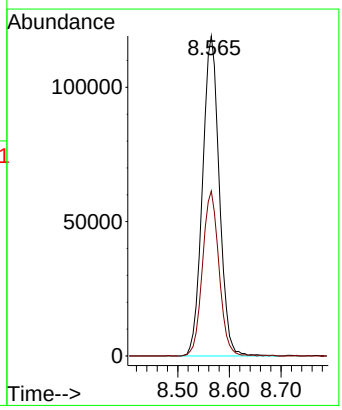


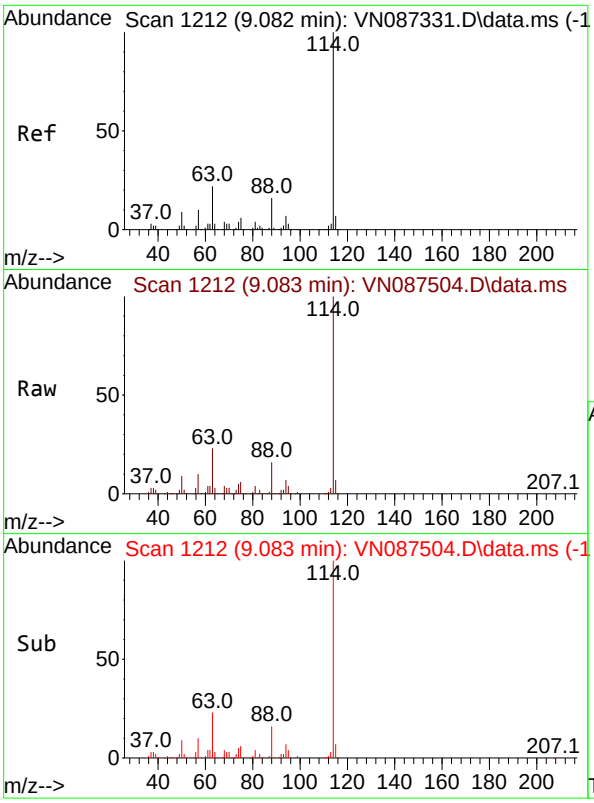


#33
1,2-Dichloroethane-d4
Concen: 58.372 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion: 65 Resp: 268632

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.0



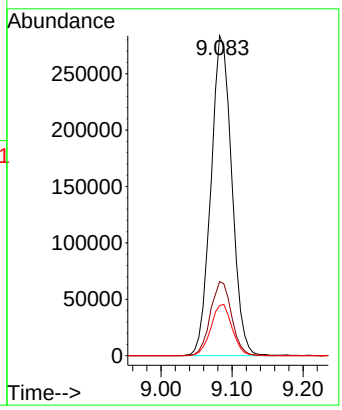


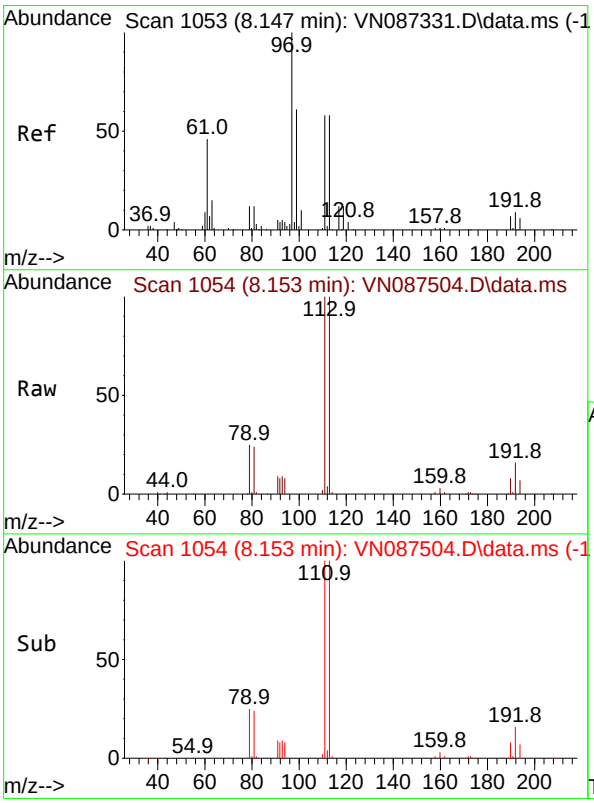
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:114 Resp: 578160

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.6
88	15.6	0.0	32.8

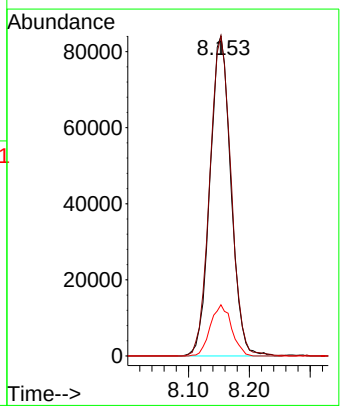


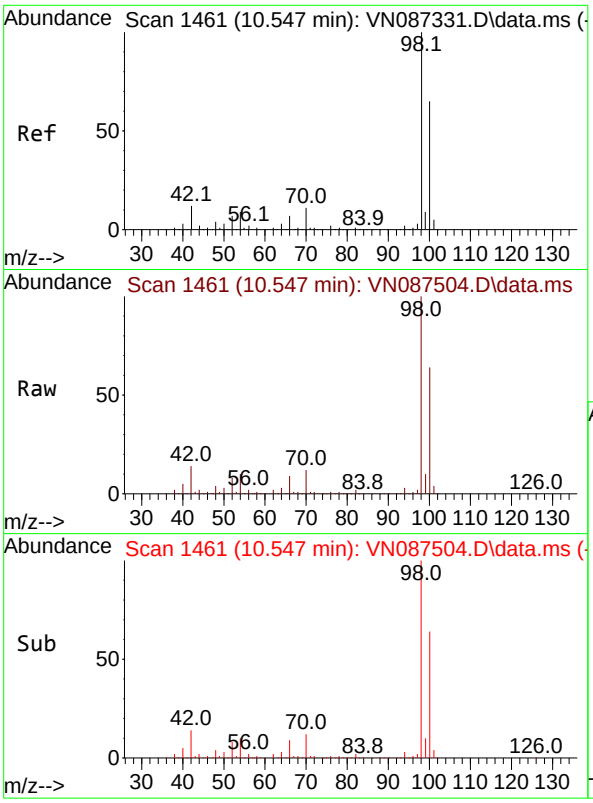


#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion:113 Resp: 200423

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	16.2	13.7	20.5



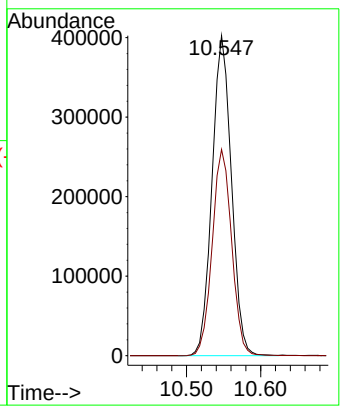


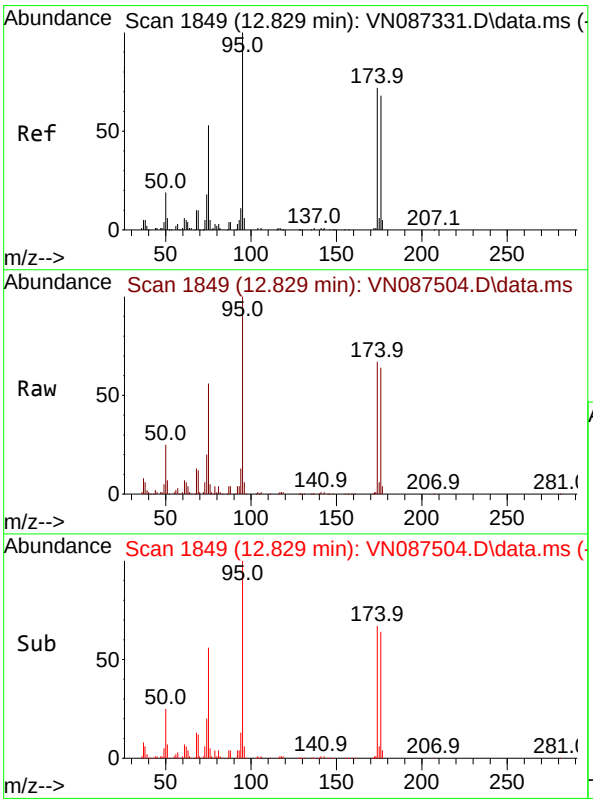
#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion: 98 Resp: 730025

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

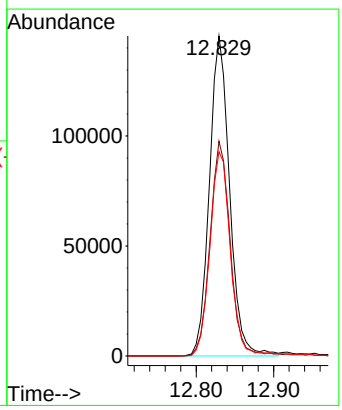


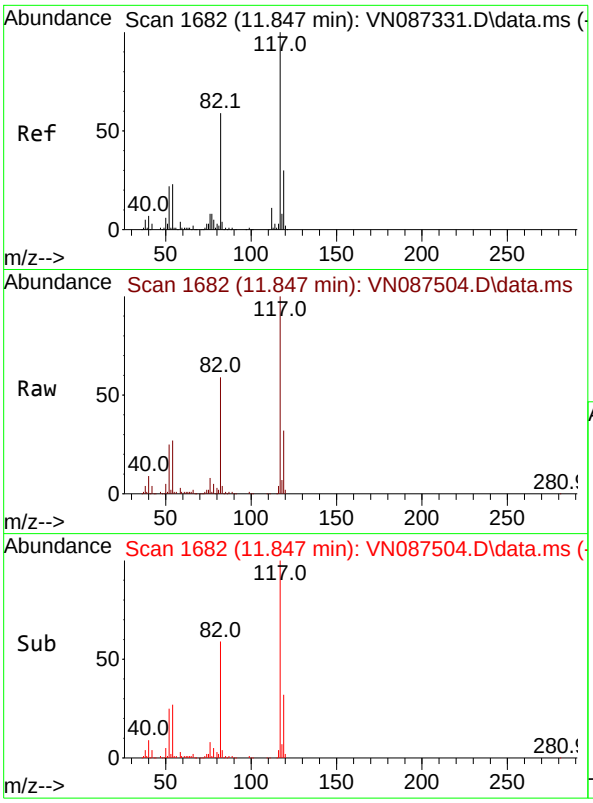


#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion: 95 Resp: 263428

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	149.4
176	64.7	0.0	141.2



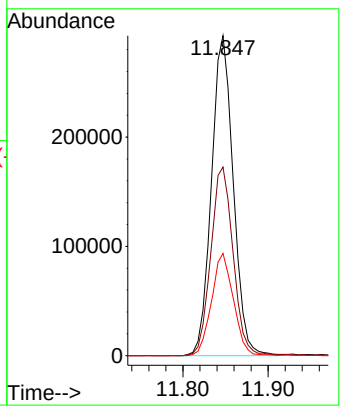


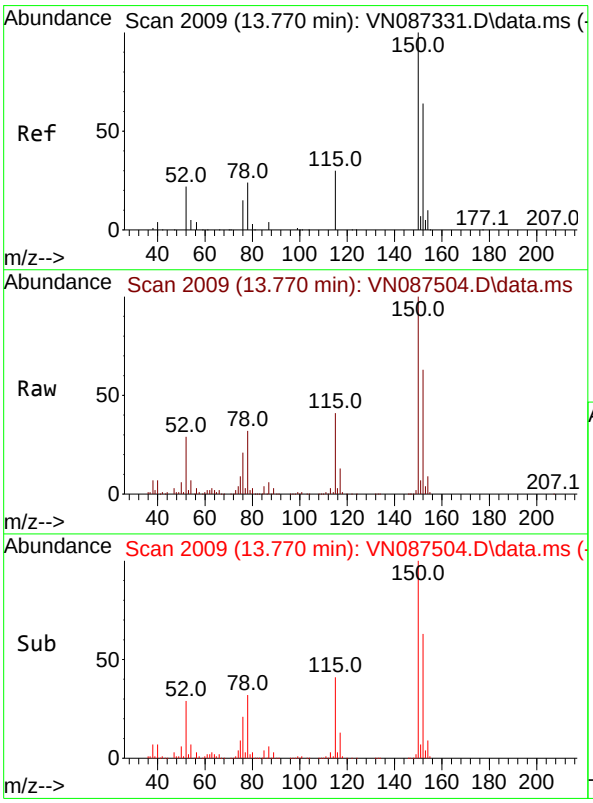
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:117 Resp: 521832

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	31.9	23.8	35.8

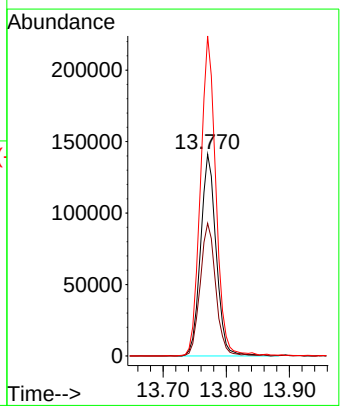




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion:152 Resp: 242445

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.1	93.5
150	156.6	0.0	349.0



Sample Results: **VN087504.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

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_N\methods\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1043	1054	1058	rBV	280625	654831	32.27%	6.211%
2	8.206	1058	1063	1074	rVB	405461	918158	45.25%	8.708%
3	8.565	1114	1124	1134	rBV	319803	728104	35.88%	6.906%
4	9.083	1202	1212	1227	rBV	708749	1459675	71.93%	13.844%
5	10.547	1453	1461	1472	rBV	1112883	2029213	100.00%	19.246%
6	11.847	1673	1682	1695	rBV	976620	1773724	87.41%	16.823%
7	12.829	1840	1849	1862	rBV	725584	1327120	65.40%	12.587%
8	13.770	2002	2009	2023	rVB	959454	1652927	81.46%	15.677%

Sum of corrected areas: 10543752

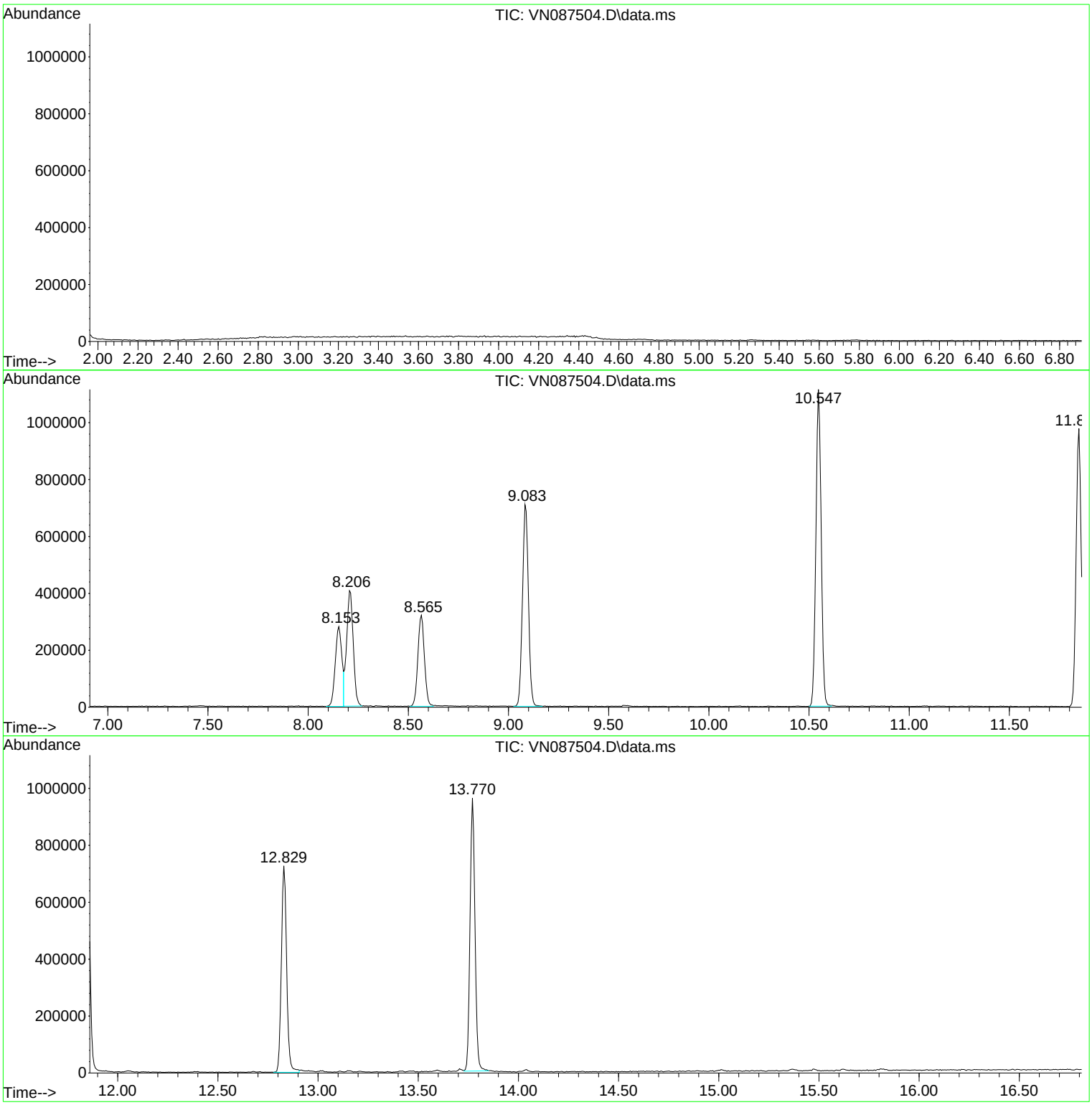
Sample Results: **VN087504.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Time: Aug 14 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

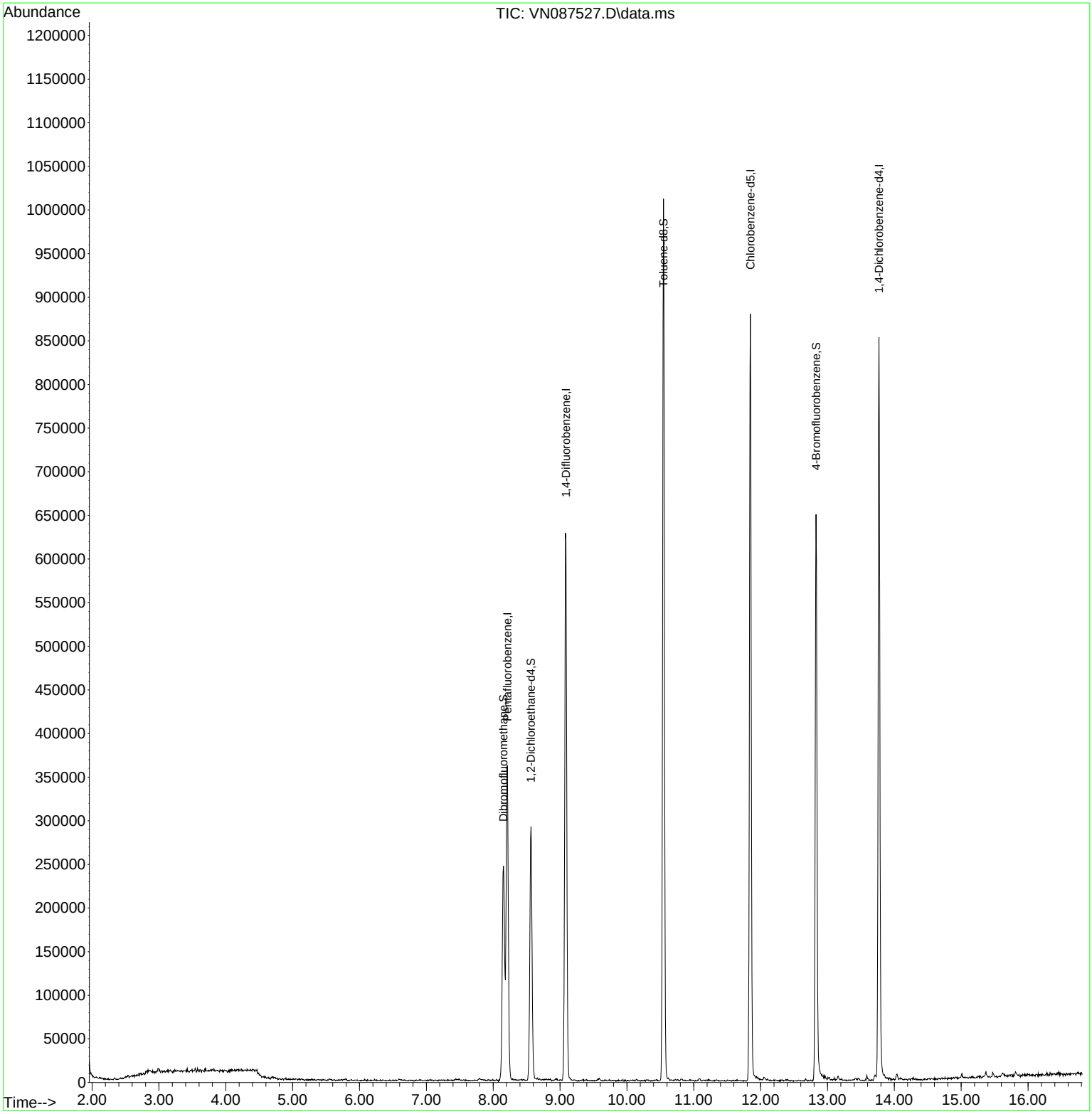
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	240605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	517097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	472576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	217582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243187	59.567	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.140%			
35) Dibromofluoromethane	8.153	113	177183	49.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	10.547	98	661503	51.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.829	95	235890	50.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.360%			
Target Compounds						Qvalue

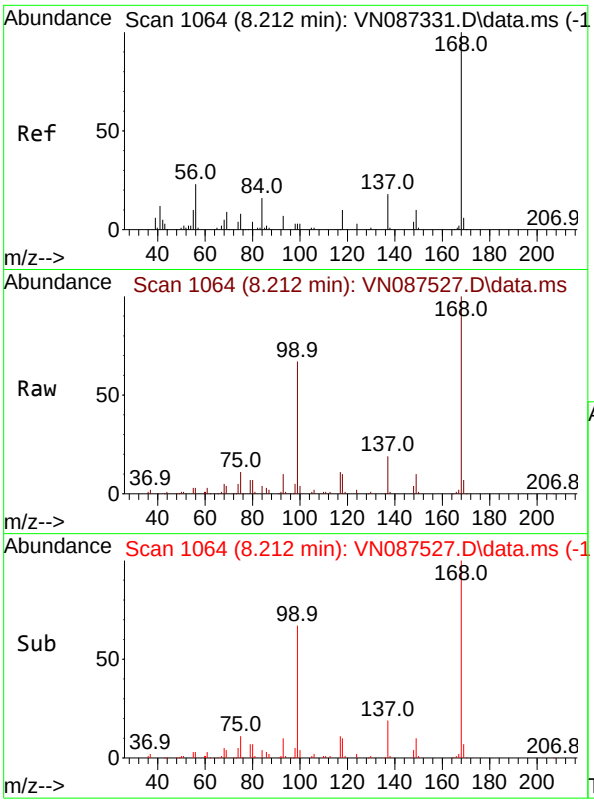
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Time: Aug 14 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



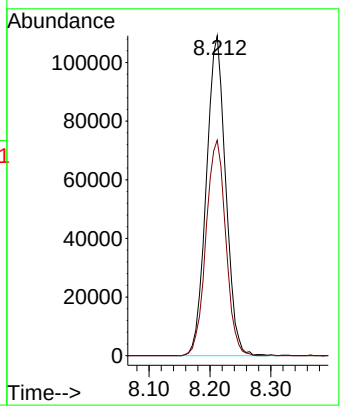


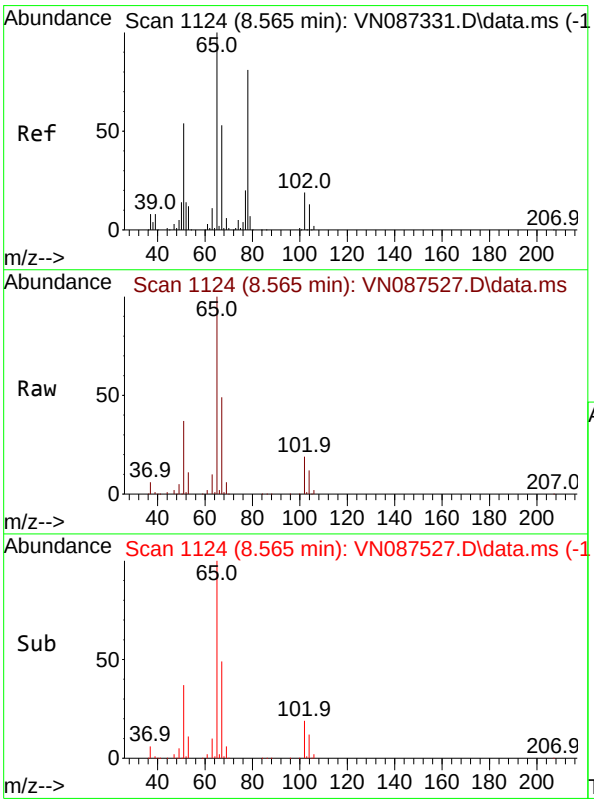
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:168 Resp: 240605

Ion	Ratio	Lower	Upper
168	100		
99	67.4	47.9	71.9

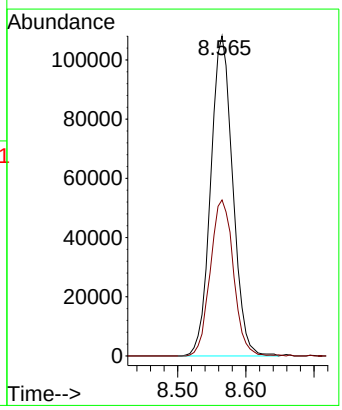


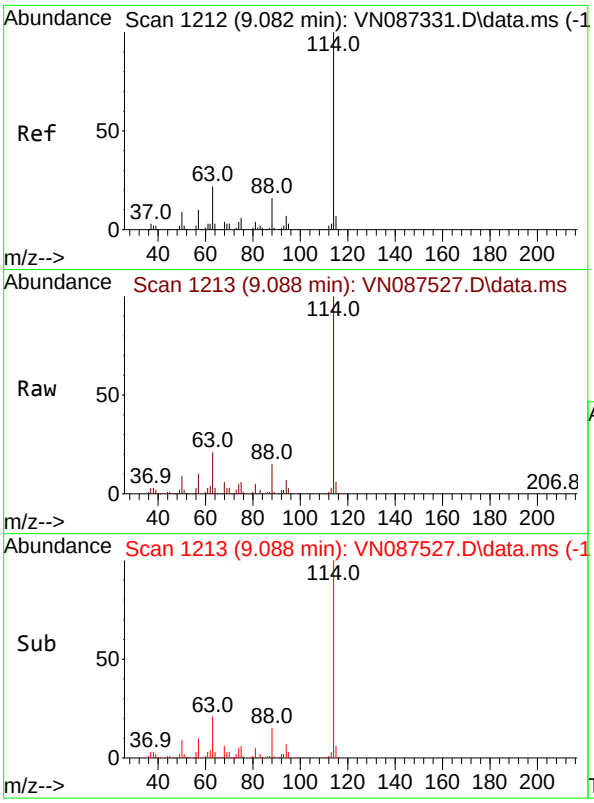


#33
1,2-Dichloroethane-d4
Concen: 59.567 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion: 65 Resp: 243187

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0



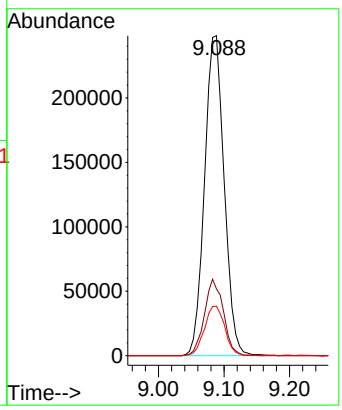


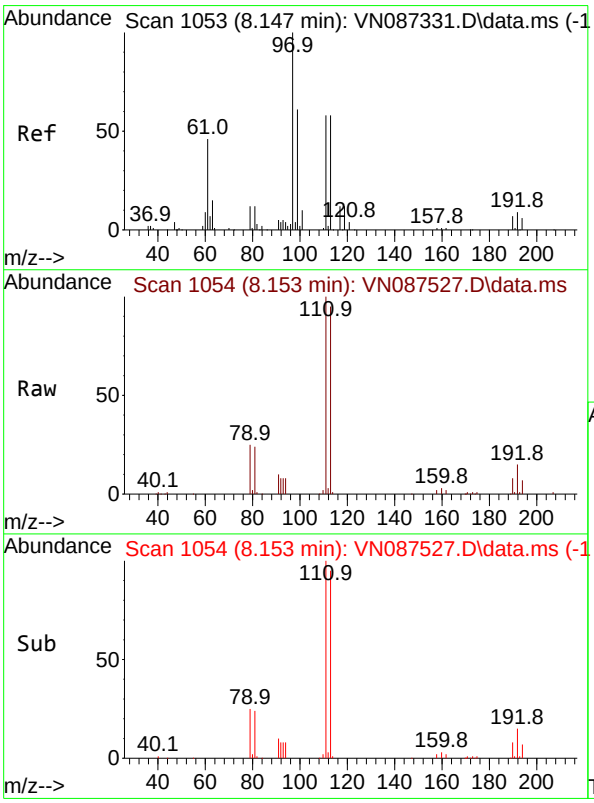
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:114 Resp: 517097

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.6
88	15.5	0.0	32.8

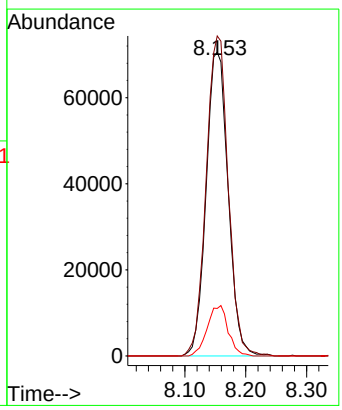


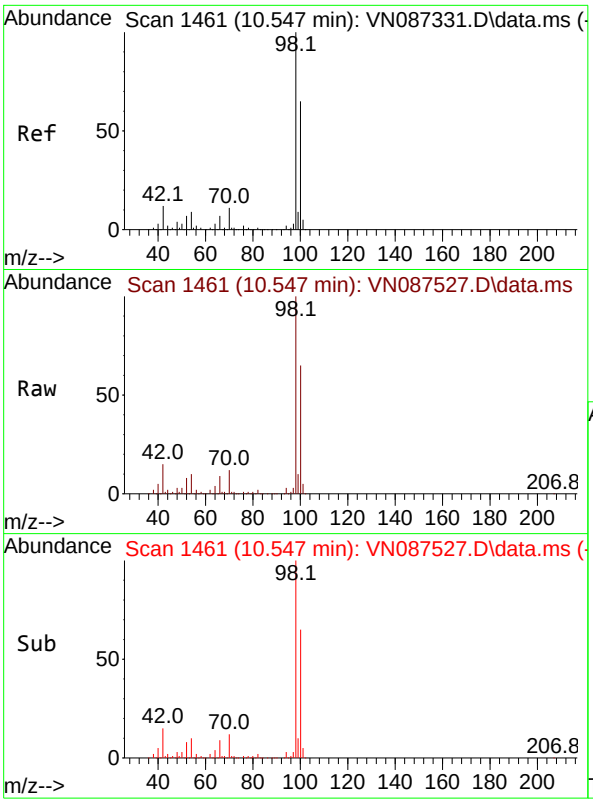


#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion:113 Resp: 177183

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.5	123.7
192	15.8	13.7	20.5



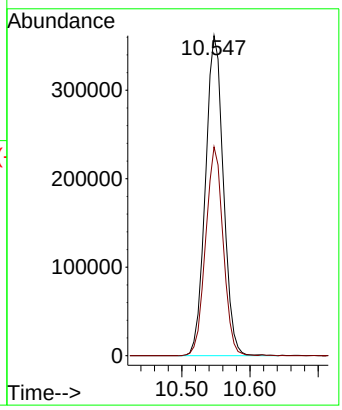


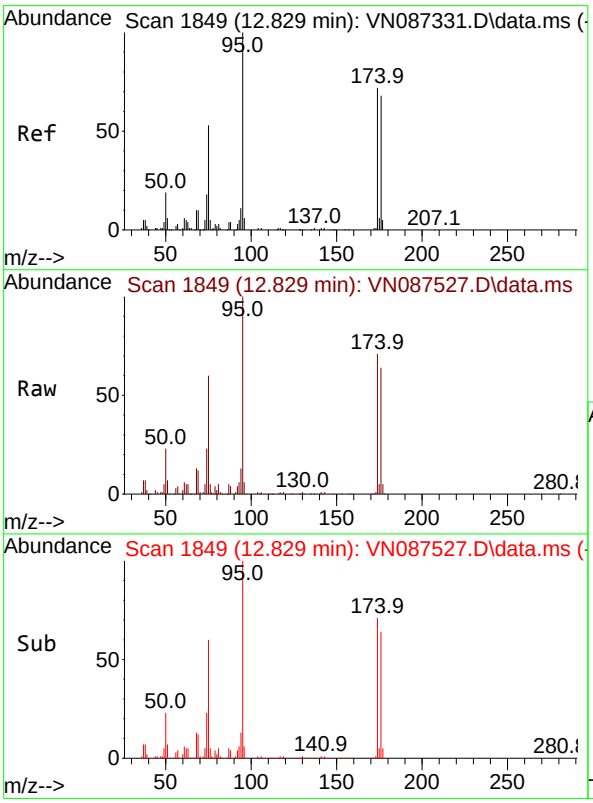
#50
Toluene-d8
Concen: 51.990 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion: 98 Resp: 661503

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.1	78.1

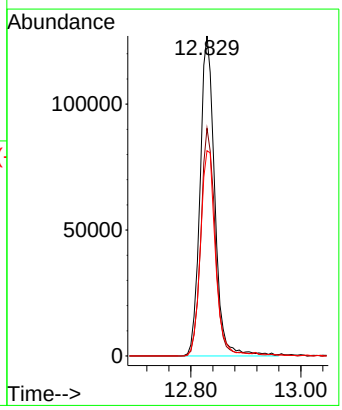


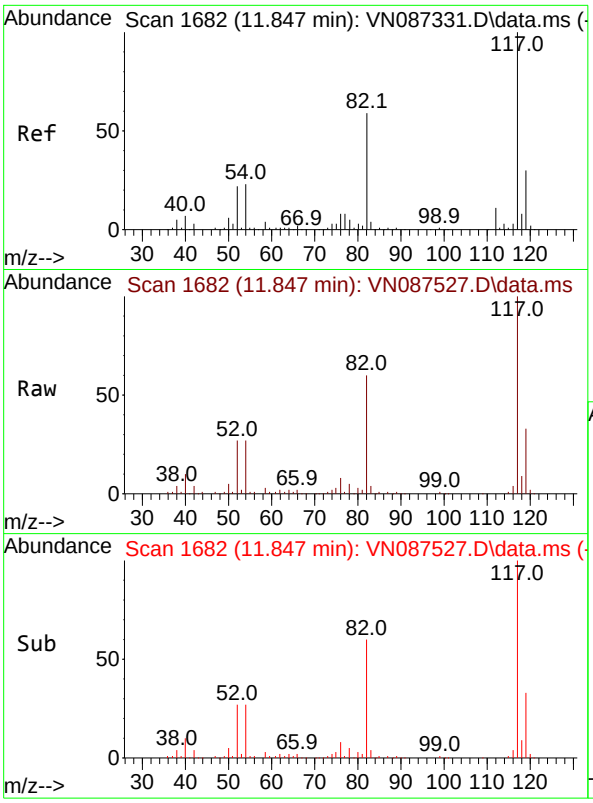


#62
4-Bromofluorobenzene
Concen: 50.181 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion: 95 Resp: 235890

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	149.4
176	65.4	0.0	141.2



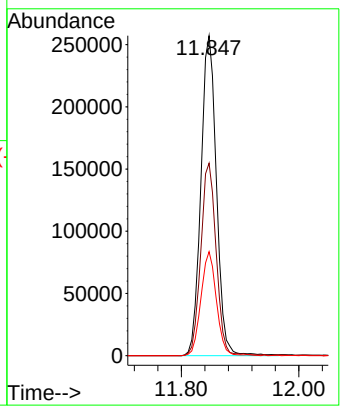


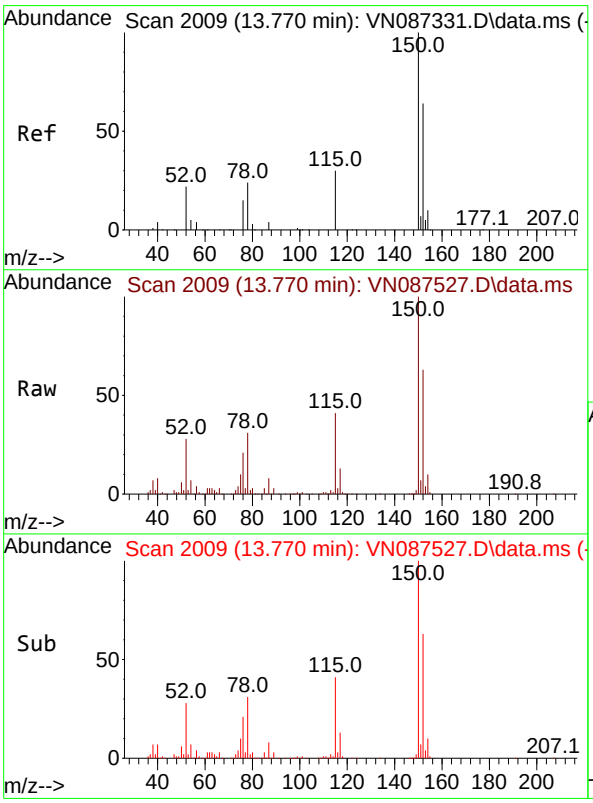
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:117 Resp: 472576

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	32.5	23.8	35.8

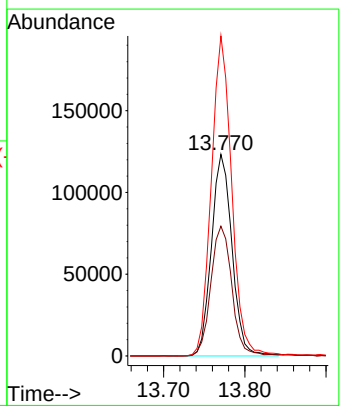




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion:152 Resp: 217582

Ion	Ratio	Lower	Upper
152	100		
115	66.2	31.1	93.5
150	157.7	0.0	349.0



Sample Results: **VN087527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

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_N\methods\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1044	1054	1059	rBV2	245609	632518	34.29%	6.615%
2	8.212	1059	1064	1075	rVB	360237	792247	42.95%	8.286%
3	8.565	1114	1124	1134	rBV	291119	667094	36.17%	6.977%
4	9.083	1203	1212	1222	rBV	627525	1313806	71.23%	13.741%
5	10.547	1451	1461	1472	rBV	1011196	1844378	100.00%	19.290%
6	11.847	1672	1682	1696	rBV	879222	1610887	87.34%	16.848%
7	12.829	1841	1849	1863	rBV	649288	1206225	65.40%	12.616%
8	13.770	2002	2009	2020	rVV	849038	1494049	81.01%	15.626%

Sum of corrected areas: 9561204

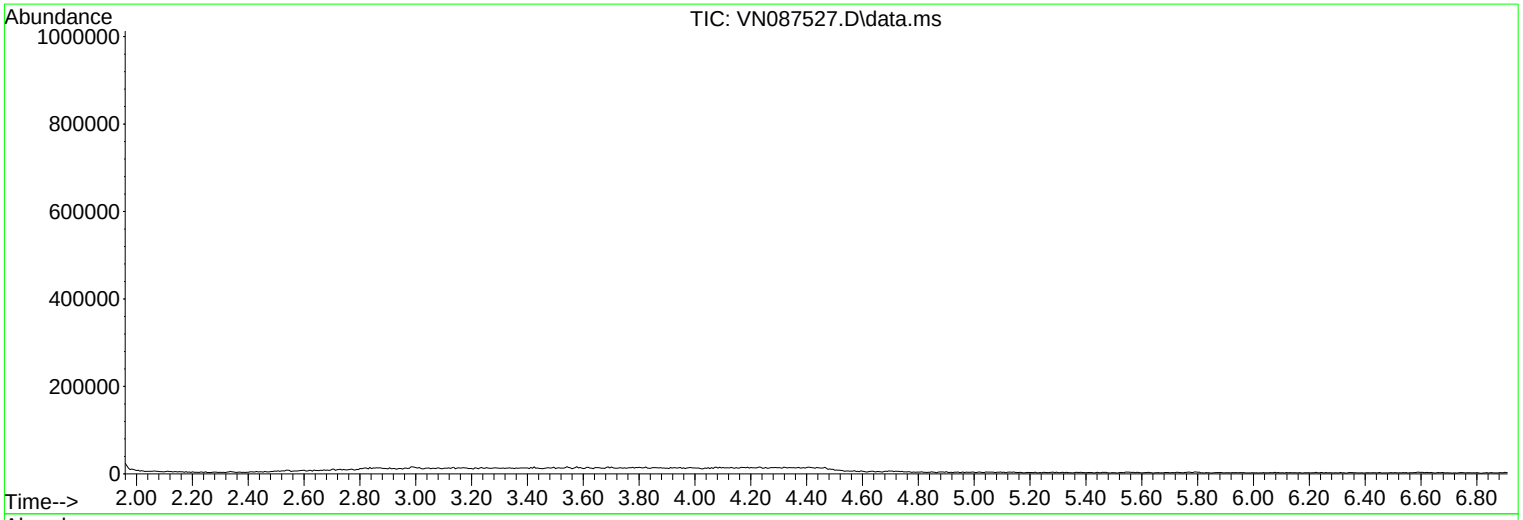
Sample Results: **VN087527.D**

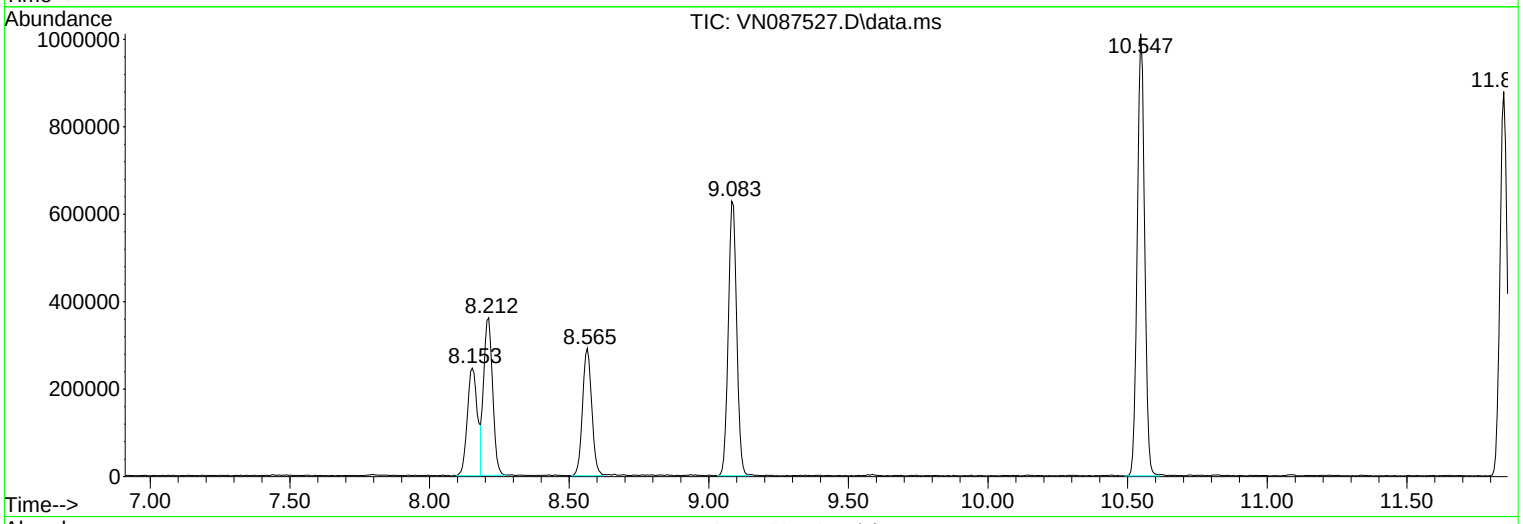
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

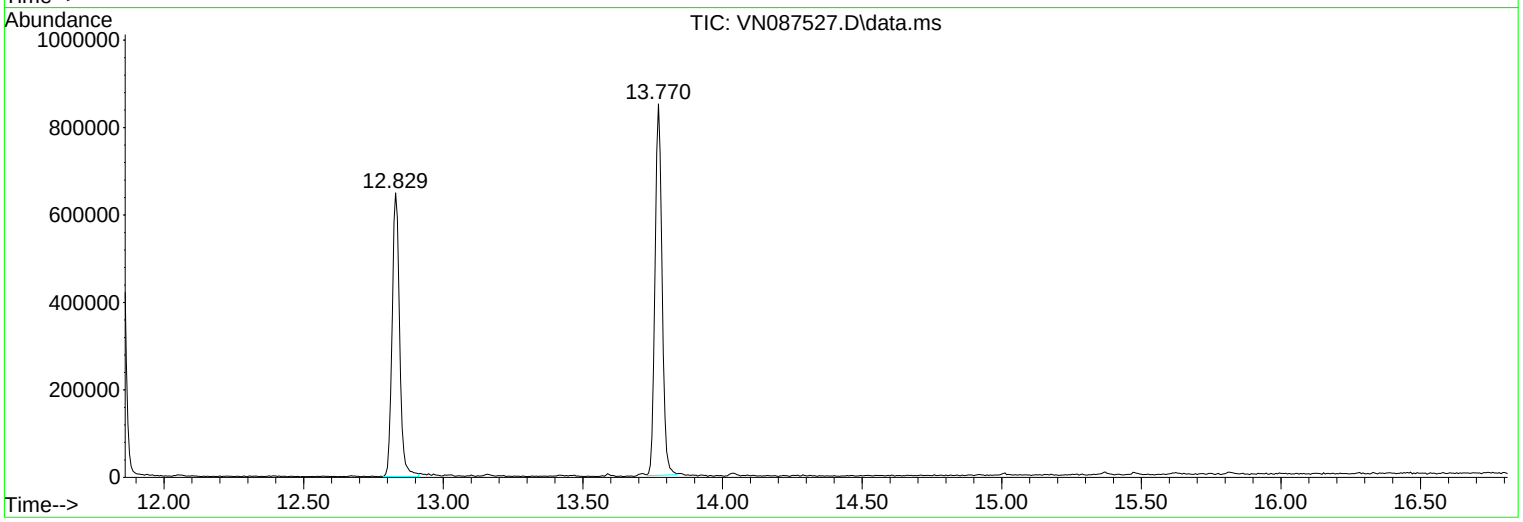
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	292778	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	576676	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	523240	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256652	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	264919	53.327	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%				
35) Dibromofluoromethane	8.153	113	178267	44.814	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.620%				
50) Toluene-d8	10.547	98	655005	46.161	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.320%				
62) 4-Bromofluorobenzene	12.829	95	255516	48.740	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.480%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	68991	22.186	ug/l		87
3) Chloromethane	2.389	50	70909	18.133	ug/l		93
4) Vinyl Chloride	2.542	62	75107	19.327	ug/l		91
5) Bromomethane	2.977	94	39856	19.805	ug/l		95
6) Chloroethane	3.142	64	51562	20.345	ug/l		94
7) Trichlorofluoromethane	3.512	101	111797	19.455	ug/l		100
8) Diethyl Ether	3.959	74	49528	22.219	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57454	19.477	ug/l		95
10) Methyl Iodide	4.583	142	30990	14.693	ug/l	#	88
11) Tert butyl alcohol	5.518	59	96731	102.547	ug/l		97
12) 1,1-Dichloroethene	4.342	96	62167	18.597	ug/l		99
13) Acrolein	4.177	56	99159	130.989	ug/l		100
14) Allyl chloride	5.012	41	122600	20.266	ug/l		93
15) Acrylonitrile	5.712	53	247530	96.703	ug/l		99
16) Acetone	4.430	43	249332	107.043	ug/l		95
17) Carbon Disulfide	4.706	76	181331	18.297	ug/l	#	90
18) Methyl Acetate	5.018	43	125027	21.365	ug/l		98
19) Methyl tert-butyl Ether	5.788	73	268531	21.794	ug/l		99
20) Methylene Chloride	5.265	84	77076	19.180	ug/l		97
21) trans-1,2-Dichloroethene	5.777	96	72010	19.105	ug/l		94
22) Diisopropyl ether	6.659	45	271606	21.404	ug/l		95
23) Vinyl Acetate	6.594	43	1258088	113.358	ug/l		98
24) 1,1-Dichloroethane	6.559	63	147450	20.141	ug/l		99
25) 2-Butanone	7.471	43	354546	98.514	ug/l		97
26) 2,2-Dichloropropane	7.471	77	130032	22.845	ug/l		97
27) cis-1,2-Dichloroethene	7.471	96	89561	20.639	ug/l		93
28) Bromochloromethane	7.800	49	68027	19.415	ug/l		93
29) Tetrahydrofuran	7.830	42	238378	101.959	ug/l		97
30) Chloroform	7.953	83	151851	20.722	ug/l		96
31) Cyclohexane	8.241	56	119834	19.621	ug/l		97
32) 1,1,1-Trichloroethane	8.153	97	128806	20.295	ug/l		98
36) 1,1-Dichloropropene	8.359	75	100577	19.137	ug/l		98
37) Ethyl Acetate	7.547	43	140369	18.493	ug/l		98
38) Carbon Tetrachloride	8.347	117	102118	17.639	ug/l		97
39) Methylcyclohexane	9.582	83	110560	19.431	ug/l		98
40) Benzene	8.588	78	310818	18.299	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	78542	19.790	ug/l		96
42) 1,2-Dichloroethane	8.653	62	128218	19.905	ug/l		98
43) Isopropyl Acetate	8.677	43	233840	19.846	ug/l		98
44) Trichloroethene	9.335	130	68578	17.087	ug/l		98
45) 1,2-Dichloropropane	9.606	63	83164	19.269	ug/l		100
46) Dibromomethane	9.688	93	58870	18.218	ug/l		95
47) Bromodichloromethane	9.871	83	122095	18.758	ug/l		94
48) Methyl methacrylate	9.665	41	109579	20.658	ug/l		92
49) 1,4-Dioxane	9.682	88	29359	361.375	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	699710	93.893	ug/l		97
52) Toluene	10.612	92	193918	18.783	ug/l		96
53) t-1,3-Dichloropropene	10.818	75	133370	20.246	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	135073	19.851	ug/l		91
55) 1,1,2-Trichloroethane	10.994	97	77374	18.511	ug/l		98
56) Ethyl methacrylate	10.859	69	134186	19.869	ug/l		96
57) 1,3-Dichloropropane	11.147	76	135824	18.794	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	374162	109.124	ug/l		98
59) 2-Hexanone	11.182	43	456112	92.251	ug/l		99
60) Dibromochloromethane	11.341	129	88960	18.662	ug/l		96
61) 1,2-Dibromoethane	11.453	107	83456	18.989	ug/l		92
64) Tetrachloroethene	11.082	164	54713	16.247	ug/l		94
65) Chlorobenzene	11.870	112	209568	17.840	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	72668	18.192	ug/l		98
67) Ethyl Benzene	11.947	91	375225	19.403	ug/l		100
68) m/p-Xylenes	12.053	106	271778	37.530	ug/l		92
69) o-Xylene	12.376	106	135420	19.577	ug/l		94
70) Styrene	12.394	104	221910	19.070	ug/l		94
71) Bromoform	12.559	173	55211	17.109	ug/l	#	99
73) Isopropylbenzene	12.676	105	345641	21.398	ug/l		96
74) N-amyl acetate	12.529	43	115014m	17.137	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	120145	19.767	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	122446m	21.276	ug/l		
77) Bromobenzene	12.964	156	82729	19.748	ug/l		91
78) n-propylbenzene	13.017	91	425221	20.923	ug/l		97
79) 2-Chlorotoluene	13.106	91	253436	20.291	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	295518	21.472	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.717	75	37270	17.719	ug/l		93
82) 4-Chlorotoluene	13.200	91	273495	21.032	ug/l		96
83) tert-Butylbenzene	13.417	119	246210	21.419	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	303556	21.598	ug/l		94
85) sec-Butylbenzene	13.594	105	360000	20.792	ug/l		99
86) p-Isopropyltoluene	13.711	119	302007	21.765	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	153160	18.628	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	162894	18.550	ug/l		96
89) n-Butylbenzene	14.035	91	296535	22.381	ug/l		98
90) Hexachloroethane	14.311	117	56479	19.211	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	154034	19.776	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	29553	18.519	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	94568	20.669	ug/l		98
94) Hexachlorobutadiene	15.476	225	33941	19.964	ug/l		97
95) Naphthalene	15.617	128	323641	19.967	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	87388	19.041	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

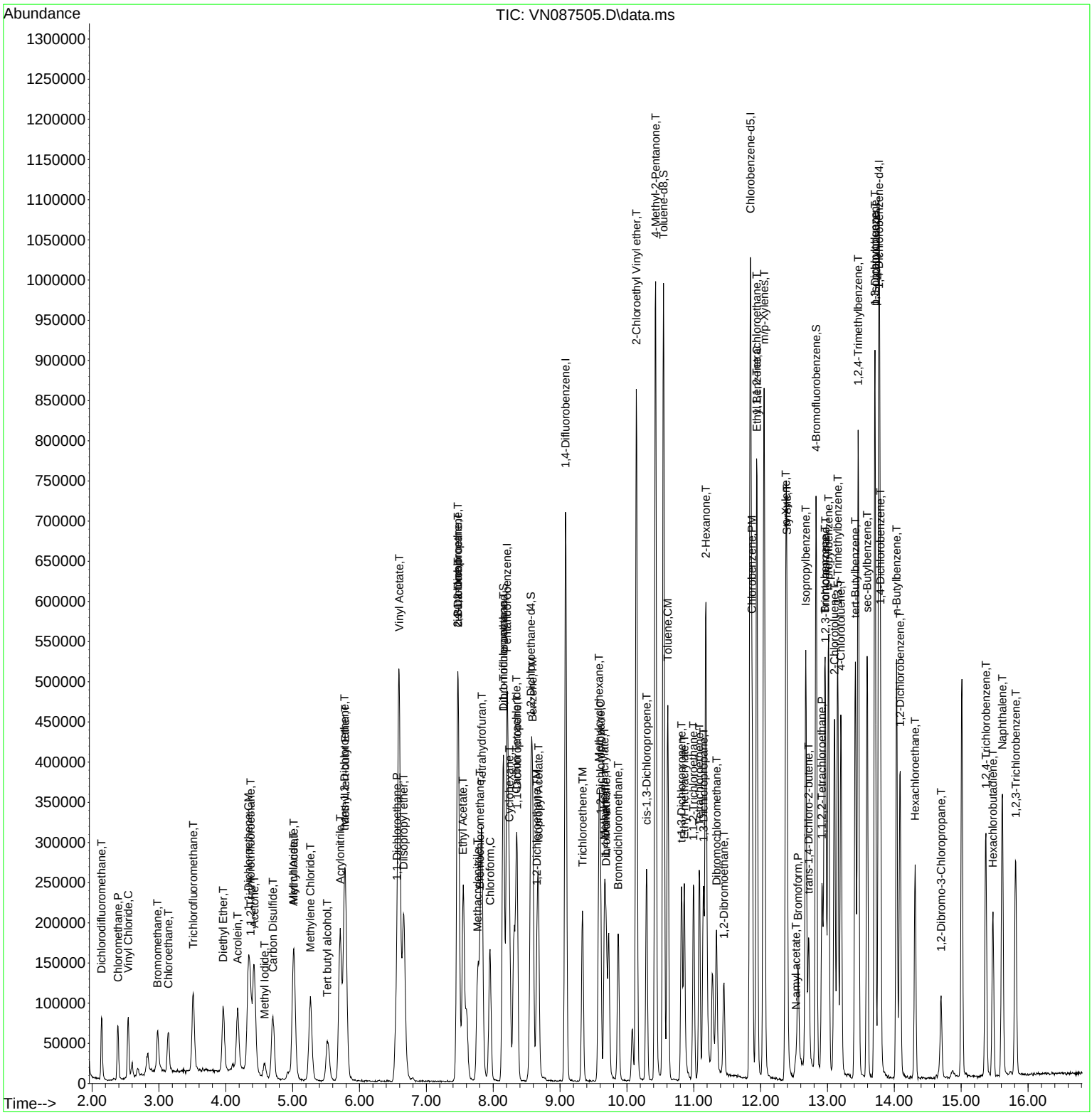
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.212	168	271136	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.088	114	532074	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	483502	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246357	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	269348	58.546	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.100%				
35) Dibromofluoromethane	8.153	113	183322	49.948	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%				
50) Toluene-d8	10.547	98	668561	51.066	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%				
62) 4-Bromofluorobenzene	12.829	95	253521	52.413	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.820%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	67174	23.326	ug/l		90
3) Chloromethane	2.389	50	66776	18.439	ug/l		92
4) Vinyl Chloride	2.542	62	74754	20.771	ug/l		96
5) Bromomethane	2.983	94	40764	21.873	ug/l		96
6) Chloroethane	3.136	64	48629	20.719	ug/l		96
7) Trichlorofluoromethane	3.512	101	111233	20.902	ug/l		99
8) Diethyl Ether	3.965	74	48291	23.393	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.365	101	58540	21.429	ug/l		95
10) Methyl Iodide	4.583	142	35025	16.690	ug/l	#	80
11) Tert butyl alcohol	5.524	59	97141	111.202	ug/l		99
12) 1,1-Dichloroethene	4.342	96	59582	19.247	ug/l		91
13) Acrolein	4.177	56	67486	96.264	ug/l		95
14) Allyl chloride	5.012	41	114422	20.424	ug/l		93
15) Acrylonitrile	5.712	53	232694	98.163	ug/l		97
16) Acetone	4.424	43	264610	122.670	ug/l		95
17) Carbon Disulfide	4.706	76	166545	18.146	ug/l	#	94
18) Methyl Acetate	5.018	43	123131	22.720	ug/l		98
19) Methyl tert-butyl Ether	5.789	73	260864	22.862	ug/l		98
20) Methylene Chloride	5.265	84	74231	19.972	ug/l		95
21) trans-1,2-Dichloroethene	5.771	96	66300	18.994	ug/l		93
22) Diisopropyl ether	6.659	45	255940	21.779	ug/l		94
23) Vinyl Acetate	6.589	43	1200447	116.798	ug/l		100
24) 1,1-Dichloroethane	6.559	63	142998	21.092	ug/l		98
25) 2-Butanone	7.477	43	352074	105.636	ug/l		98
26) 2,2-Dichloropropane	7.483	77	122382	23.217	ug/l		100
27) cis-1,2-Dichloroethene	7.477	96	85349	21.238	ug/l		98
28) Bromochloromethane	7.800	49	86255	26.583	ug/l		94
29) Tetrahydrofuran	7.830	42	226869	104.782	ug/l		98
30) Chloroform	7.953	83	147959	21.803	ug/l		100
31) Cyclohexane	8.247	56	117459	20.768	ug/l		93
32) 1,1,1-Trichloroethane	8.153	97	121717	20.709	ug/l		92
36) 1,1-Dichloropropene	8.353	75	93953	19.376	ug/l		97
37) Ethyl Acetate	7.547	43	140045	19.997	ug/l		99
38) Carbon Tetrachloride	8.347	117	98608	18.460	ug/l		99
39) Methylcyclohexane	9.582	83	104990	19.999	ug/l		95
40) Benzene	8.588	78	300280	19.160	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	72592	19.824	ug/l		97
42) 1,2-Dichloroethane	8.659	62	123364	20.757	ug/l		98
43) Isopropyl Acetate	8.677	43	226277	20.814	ug/l		97
44) Trichloroethene	9.335	130	64984	17.548	ug/l		80
45) 1,2-Dichloropropane	9.606	63	76438	19.195	ug/l		95
46) Dibromomethane	9.694	93	58121	19.494	ug/l		94
47) Bromodichloromethane	9.871	83	118437	19.721	ug/l	#	99
48) Methyl methacrylate	9.665	41	101733	20.787	ug/l		93
49) 1,4-Dioxane	9.682	88	30716	409.771	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	682146	99.209	ug/l		98
52) Toluene	10.612	92	184134	19.330	ug/l		95
53) t-1,3-Dichloropropene	10.818	75	126655	20.839	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	127653	20.333	ug/l	#	82
55) 1,1,2-Trichloroethane	11.000	97	75351	19.538	ug/l		93
56) Ethyl methacrylate	10.859	69	124909	20.038	ug/l	#	94
57) 1,3-Dichloropropane	11.147	76	133523	20.025	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	357207	112.912	ug/l		100
59) 2-Hexanone	11.182	43	449566	98.549	ug/l		99
60) Dibromochloromethane	11.341	129	83142	18.904	ug/l		98
61) 1,2-Dibromoethane	11.453	107	76462	18.856	ug/l		97
64) Tetrachloroethene	11.088	164	52809	16.970	ug/l		94
65) Chlorobenzene	11.871	112	204381	18.828	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	70375	19.066	ug/l		100
67) Ethyl Benzene	11.947	91	350836	19.633	ug/l		98
68) m/p-Xylenes	12.053	106	257573	38.492	ug/l		87
69) o-Xylene	12.382	106	126743	19.828	ug/l		92
70) Styrene	12.394	104	217628	20.239	ug/l		95
71) Bromoform	12.559	173	51553	17.288	ug/l	#	100
73) Isopropylbenzene	12.676	105	329550	21.254	ug/l		98
74) N-amyl acetate	12.529	43	117589m	18.253	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	118693	20.344	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	104369m	18.893	ug/l		
77) Bromobenzene	12.965	156	79368	19.737	ug/l		94
78) n-propylbenzene	13.018	91	406345	20.830	ug/l		97
79) 2-Chlorotoluene	13.106	91	249430	20.804	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	279232	21.137	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	35665	17.665	ug/l		91
82) 4-Chlorotoluene	13.206	91	259571	20.795	ug/l		96
83) tert-Butylbenzene	13.418	119	235302	21.326	ug/l		97
84) 1,2,4-Trimethylbenzene	13.465	105	293504	21.755	ug/l		95
85) sec-Butylbenzene	13.594	105	350703	21.102	ug/l		98
86) p-Isopropyltoluene	13.712	119	289012	21.699	ug/l		97
87) 1,3-Dichlorobenzene	13.717	146	150068	19.015	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	158514	18.806	ug/l		98
89) n-Butylbenzene	14.035	91	289625	22.773	ug/l		99
90) Hexachloroethane	14.312	117	54681	19.377	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	146430	19.585	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28461	18.580	ug/l		92
93) 1,2,4-Trichlorobenzene	15.370	180	88514	20.154	ug/l		98
94) Hexachlorobutadiene	15.476	225	32512	19.923	ug/l		99
95) Naphthalene	15.611	128	315158	20.256	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	83466	18.946	ug/l		96

Sample Results: **VN087528.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

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

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

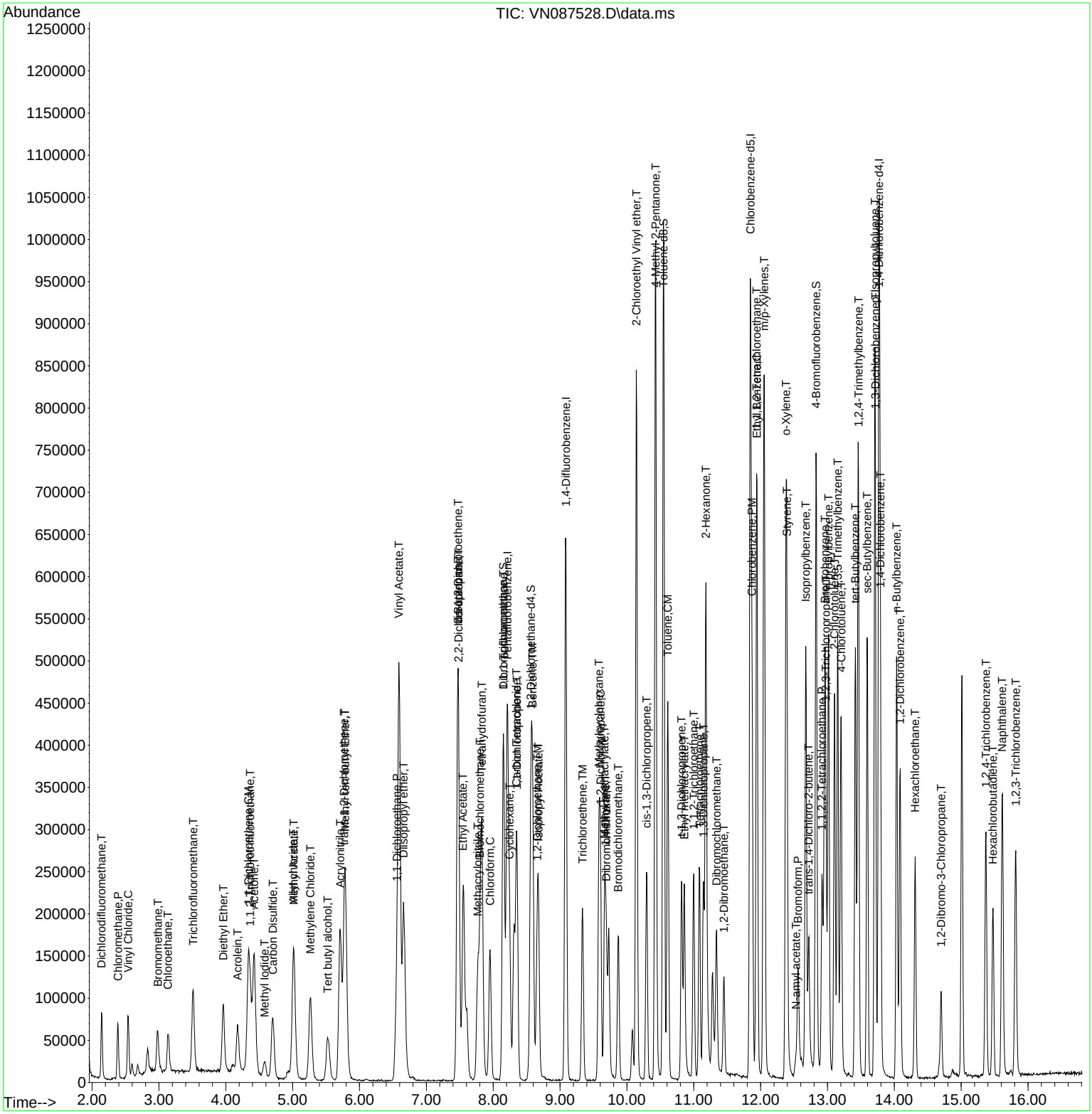
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087506.D
Acq On : 12 Aug 2025 12:15
Operator : JC\MD
Sample : VN0812WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 03:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	316315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	602749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	538329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	293328	54.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.300%			
35) Dibromofluoromethane	8.153	113	199025	47.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.547	98	729008	49.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.829	95	275991	50.369	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	81009	24.112	ug/l	94
3) Chloromethane	2.383	50	73711	17.447	ug/l	97
4) Vinyl Chloride	2.536	62	83444	19.874	ug/l	99
5) Bromomethane	2.977	94	41884	19.264	ug/l	99
6) Chloroethane	3.136	64	56927	20.790	ug/l	95
7) Trichlorofluoromethane	3.512	101	123785	19.938	ug/l	99
8) Diethyl Ether	3.965	74	51871	21.538	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	67497	21.179	ug/l	96
10) Methyl Iodide	4.583	142	36328	15.463	ug/l	97
11) Tert butyl alcohol	5.524	59	102209	100.292	ug/l	100
12) 1,1-Dichloroethene	4.336	96	69852	19.341	ug/l	98
13) Acrolein	4.171	56	99431	121.574	ug/l	98
14) Allyl chloride	5.006	41	124999	19.125	ug/l	90
15) Acrylonitrile	5.712	53	263751	95.373	ug/l	99
16) Acetone	4.418	43	255295	101.448	ug/l	97
17) Carbon Disulfide	4.700	76	196026	18.308	ug/l #	92
18) Methyl Acetate	5.018	43	133709	21.148	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	286216	21.501	ug/l	99
20) Methylene Chloride	5.265	84	82662	19.035	ug/l #	92
21) trans-1,2-Dichloroethene	5.777	96	75663	18.580	ug/l	97
22) Diisopropyl ether	6.659	45	288633	21.053	ug/l	93
23) Vinyl Acetate	6.594	43	1342042	111.925	ug/l	100
24) 1,1-Dichloroethane	6.553	63	151494	19.153	ug/l	99
25) 2-Butanone	7.471	43	375178	96.490	ug/l	99
26) 2,2-Dichloropropane	7.471	77	137342	22.334	ug/l	96
27) cis-1,2-Dichloroethene	7.477	96	91677	19.554	ug/l	93
28) Bromochloromethane	7.794	49	79375	20.968	ug/l	93
29) Tetrahydrofuran	7.830	42	242813	96.128	ug/l	99
30) Chloroform	7.953	83	158757	20.053	ug/l	99
31) Cyclohexane	8.241	56	134129	20.328	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	138332	20.174	ug/l	100
36) 1,1-Dichloropropene	8.353	75	105428	19.193	ug/l	98
37) Ethyl Acetate	7.547	43	150932	19.025	ug/l	96
38) Carbon Tetrachloride	8.347	117	112293	18.557	ug/l	97
39) Methylcyclohexane	9.582	83	126244	21.228	ug/l	97
40) Benzene	8.588	78	334355	18.833	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087506.D
Acq On : 12 Aug 2025 12:15
Operator : JC\MD
Sample : VN0812WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 03:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	83268	20.073	ug/l		97
42) 1,2-Dichloroethane	8.653	62	133532	19.834	ug/l		97
43) Isopropyl Acetate	8.677	43	248054	20.142	ug/l		98
44) Trichloroethene	9.335	130	75314	17.953	ug/l		95
45) 1,2-Dichloropropane	9.606	63	83396	18.487	ug/l		100
46) Dibromomethane	9.688	93	65028	19.253	ug/l		96
47) Bromodichloromethane	9.865	83	131255	19.293	ug/l		97
48) Methyl methacrylate	9.665	41	121895	21.986	ug/l		92
49) 1,4-Dioxane	9.682	88	32230	379.553	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.429	43	741796	95.234	ug/l		99
52) Toluene	10.612	92	202515	18.767	ug/l		95
53) t-1,3-Dichloropropene	10.818	75	141175	20.504	ug/l		94
54) cis-1,3-Dichloropropene	10.294	75	139104	19.559	ug/l	#	86
55) 1,1,2-Trichloroethane	11.000	97	82621	18.912	ug/l		93
56) Ethyl methacrylate	10.859	69	136760	19.396	ug/l	#	91
57) 1,3-Dichloropropane	11.147	76	143609	19.012	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	400299	111.697	ug/l		98
59) 2-Hexanone	11.182	43	487628	94.359	ug/l		99
60) Dibromochloromethane	11.341	129	89968	18.057	ug/l		98
61) 1,2-Dibromoethane	11.453	107	85152	18.537	ug/l		94
64) Tetrachloroethene	11.082	164	60688	17.516	ug/l		93
65) Chlorobenzene	11.871	112	223600	18.501	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	75727	18.427	ug/l		98
67) Ethyl Benzene	11.941	91	397671	19.987	ug/l		96
68) m/p-Xylenes	12.053	106	285031	38.257	ug/l		88
69) o-Xylene	12.376	106	145282	20.414	ug/l		98
70) Styrene	12.388	104	237836	19.866	ug/l		96
71) Bromoform	12.559	173	59255	17.847	ug/l	#	100
73) Isopropylbenzene	12.676	105	372519	21.768	ug/l		97
74) N-amyl acetate	12.523	43	129419m	18.202	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	125948	19.559	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	119046m	19.525	ug/l		
77) Bromobenzene	12.959	156	85950	19.366	ug/l		93
78) n-propylbenzene	13.018	91	464459	21.572	ug/l		96
79) 2-Chlorotoluene	13.106	91	274748	20.763	ug/l		96
80) 1,3,5-Trimethylbenzene	13.153	105	317546	21.778	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.718	75	36401	16.335	ug/l		90
82) 4-Chlorotoluene	13.200	91	286168	20.772	ug/l		96
83) tert-Butylbenzene	13.418	119	269275	22.112	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	318879	21.415	ug/l		96
85) sec-Butylbenzene	13.594	105	399890	21.800	ug/l		98
86) p-Isopropyltoluene	13.706	119	330968	22.514	ug/l		96
87) 1,3-Dichlorobenzene	13.712	146	164685	18.907	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	172838	18.579	ug/l		96
89) n-Butylbenzene	14.035	91	331861	23.642	ug/l		99
90) Hexachloroethane	14.312	117	60565	19.445	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	159900	19.377	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30887	18.270	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	98215	20.262	ug/l		98
94) Hexachlorobutadiene	15.476	225	40380	22.420	ug/l		96
95) Naphthalene	15.617	128	352249	20.513	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	95710	19.684	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087506.D
Acq On : 12 Aug 2025 12:15
Operator : JC\MD
Sample : VN0812WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 03:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

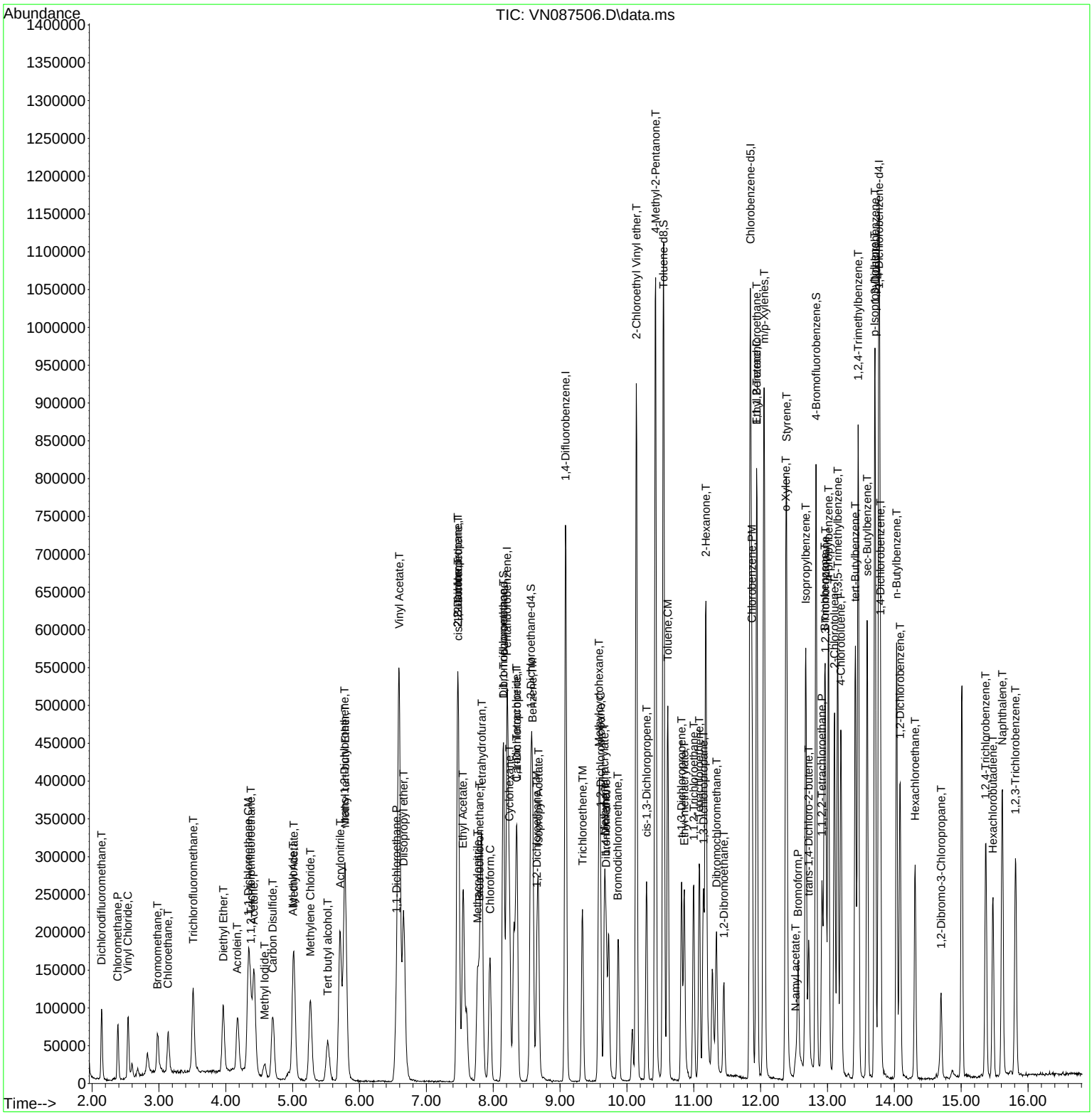
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087506.D
Acq On : 12 Aug 2025 12:15
Operator : JC\MD
Sample : VN0812WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 03:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



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

Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087328.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	1,4-Dichlorobenzene	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Acetone	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Allyl chloride	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Methyl tert-butyl Ether	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	Methyl Iodide	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087332.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:58 AM	Sam	7/17/2025 8:25:00 AM	Peak Integrated by Software
VSTDICC150	VN087333.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:59 AM	Sam	7/17/2025 8:25:02 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	N-amyl acetate	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn081225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087502.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:54:54 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
VN0812WBS01	VN087505.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:55:00 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
VN0812WBS01	VN087505.D	N-amyl acetate	JOHN	8/13/2025 8:55:00 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
VN0812WBSD01	VN087506.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:55:03 AM	MMDadoda	8/14/2025 7:34:47 PM	Peak Integrated by Software
VN0812WBSD01	VN087506.D	N-amyl acetate	JOHN	8/13/2025 8:55:03 AM	MMDadoda	8/14/2025 7:34:47 PM	Peak Integrated by Software
VSTDCCC050	VN087523.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:56:38 AM	MMDadoda	8/14/2025 7:34:56 PM	Peak Integrated by Software
VSTDCCC050	VN087523.D	N-amyl acetate	JOHN	8/13/2025 8:56:38 AM	MMDadoda	8/14/2025 7:34:56 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn081325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087525.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:09 AM	MMDadoda	8/18/2025 8:47:04 AM	Peak Integrated by Software
VN0813WBS01	VN087528.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:15 AM	MMDadoda	8/18/2025 8:47:06 AM	Peak Integrated by Software
VN0813WBS01	VN087528.D	N-amyl acetate	JOHN	8/14/2025 8:56:15 AM	MMDadoda	8/18/2025 8:47:06 AM	Peak Integrated by Software
Q2825-01	VN087535.D	Acetone	JOHN	8/14/2025 8:56:29 AM	MMDadoda	8/18/2025 8:47:53 AM	Peak Integrated by Software
Q2825-01	VN087535.D	n-Butylbenzene	JOHN	8/14/2025 8:56:29 AM	MMDadoda	8/18/2025 8:47:53 AM	Peak Integrated by Software
VSTDCCC050	VN087550.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:57 AM	MMDadoda	8/18/2025 8:47:58 AM	Peak Integrated by Software

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

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087327.D	16 Jul 2025 16:10	JC\MD	Ok
2	VSTDICC001	VN087328.D	16 Jul 2025 17:05	JC\MD	Ok,M
3	VSTDICC005	VN087329.D	16 Jul 2025 17:27	JC\MD	Ok,M
4	VSTDICC020	VN087330.D	16 Jul 2025 17:49	JC\MD	Ok,M
5	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	JC\MD	Ok,M
6	VSTDICC100	VN087332.D	16 Jul 2025 18:32	JC\MD	Ok,M
7	VSTDICC150	VN087333.D	16 Jul 2025 18:54	JC\MD	Ok,M
8	IBLK	VN087334.D	16 Jul 2025 19:16	JC\MD	Ok
9	VSTDICV050	VN087335.D	16 Jul 2025 19:59	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087501.D	12 Aug 2025 07:57	JC\MD	Ok
2	VSTDCCC050	VN087502.D	12 Aug 2025 10:24	JC\MD	Ok,M
3	VN0812MBL01	VN087503.D	12 Aug 2025 10:45	JC\MD	Ok
4	VN0812WBL01	VN087504.D	12 Aug 2025 11:07	JC\MD	Ok
5	VN0812WBS01	VN087505.D	12 Aug 2025 11:42	JC\MD	Ok,M
6	VN0812WBSD01	VN087506.D	12 Aug 2025 12:15	JC\MD	Ok,M
7	PB169201TB	VN087507.D	12 Aug 2025 12:37	JC\MD	Ok
8	Q2808-04	VN087508.D	12 Aug 2025 12:58	JC\MD	ReRun
9	Q2827-04	VN087509.D	12 Aug 2025 13:19	JC\MD	ReRun
10	Q2831-03	VN087510.D	12 Aug 2025 13:41	JC\MD	Ok
11	Q2827-08	VN087511.D	12 Aug 2025 14:02	JC\MD	Ok,M
12	Q2816-01	VN087512.D	12 Aug 2025 14:24	JC\MD	Dilution
13	Q2816-05	VN087513.D	12 Aug 2025 14:46	JC\MD	Dilution
14	Q2816-06	VN087514.D	12 Aug 2025 15:07	JC\MD	Ok
15	Q2816-07	VN087515.D	12 Aug 2025 15:29	JC\MD	Ok
16	Q2816-08	VN087516.D	12 Aug 2025 15:51	JC\MD	ReRun
17	Q2816-09	VN087517.D	12 Aug 2025 16:13	JC\MD	Ok
18	Q2825-01	VN087518.D	12 Aug 2025 16:35	JC\MD	ReRun
19	Q2825-02	VN087519.D	12 Aug 2025 16:57	JC\MD	Ok
20	Q2816-02	VN087520.D	12 Aug 2025 17:19	JC\MD	Ok
21	Q2816-03MS	VN087521.D	12 Aug 2025 17:41	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2816-04MSD	VN087522.D	12 Aug 2025 18:02	JC\MD	Ok,M
23	VSTDCCC050	VN087523.D	12 Aug 2025 18:24	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087524.D	13 Aug 2025 09:04	JC\MD	Ok
2	VSTDCCC050	VN087525.D	13 Aug 2025 10:57	JC\MD	Ok,M
3	VN0813MBL01	VN087526.D	13 Aug 2025 11:19	JC\MD	Ok
4	VN0813WBL01	VN087527.D	13 Aug 2025 11:41	JC\MD	Ok
5	VN0813WBS01	VN087528.D	13 Aug 2025 12:39	JC\MD	Ok,M
6	PB169213TB	VN087529.D	13 Aug 2025 13:01	JC\MD	Ok
7	VN0813WBSD01	VN087530.D	13 Aug 2025 13:23	JC\MD	Ok,M
8	Q2816-05DL	VN087531.D	13 Aug 2025 13:45	JC\MD	Ok
9	Q2816-01DL	VN087532.D	13 Aug 2025 14:07	JC\MD	Ok
10	Q2816-08	VN087533.D	13 Aug 2025 14:29	JC\MD	Ok
11	Q2825-02RE	VN087534.D	13 Aug 2025 14:51	JC\MD	Not Ok
12	Q2825-01	VN087535.D	13 Aug 2025 15:14	JC\MD	Ok,M
13	Q2808-04RE	VN087536.D	13 Aug 2025 15:36	JC\MD	Confirms
14	Q2827-04RE	VN087537.D	13 Aug 2025 15:58	JC\MD	Confirms
15	Q2732-01	VN087538.D	13 Aug 2025 16:21	JC\MD	Ok
16	Q2832-02	VN087539.D	13 Aug 2025 16:43	JC\MD	ReRun
17	Q2832-04	VN087540.D	13 Aug 2025 17:05	JC\MD	ReRun
18	Q2832-06	VN087541.D	13 Aug 2025 17:27	JC\MD	Ok
19	Q2832-08	VN087542.D	13 Aug 2025 17:50	JC\MD	Ok
20	Q2832-10	VN087543.D	13 Aug 2025 18:12	JC\MD	Ok
21	Q2836-01	VN087544.D	13 Aug 2025 18:34	JC\MD	ReRun

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2836-05	VN087545.D	13 Aug 2025 18:56	JC\MD	ReRun
23	Q2836-09	VN087546.D	13 Aug 2025 19:18	JC\MD	ReRun
24	Q2836-13	VN087547.D	13 Aug 2025 19:40	JC\MD	ReRun
25	Q2838-04	VN087548.D	13 Aug 2025 20:02	JC\MD	ReRun
26	Q2838-08	VN087549.D	13 Aug 2025 20:24	JC\MD	ReRun
27	VSTDCCC050	VN087550.D	13 Aug 2025 20:46	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087327.D	16 Jul 2025 16:10		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN087328.D	16 Jul 2025 17:05		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN087329.D	16 Jul 2025 17:27	% d fail for com.#10 in 5 ppb	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN087330.D	16 Jul 2025 17:49	LR- 10,20	JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	QR- 56	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN087332.D	16 Jul 2025 18:32		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN087333.D	16 Jul 2025 18:54		JC\MD	Ok,M
8	IBLK	IBLK	VN087334.D	16 Jul 2025 19:16		JC\MD	Ok
9	VSTDICV050	ICVVN071625	VN087335.D	16 Jul 2025 19:59		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
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	VN087501.D	12 Aug 2025 07:57		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087502.D	12 Aug 2025 10:24	pH#Lot#V12668	JC\MD	Ok,M
3	VN0812MBL01	VN0812MBL01	VN087503.D	12 Aug 2025 10:45		JC\MD	Ok
4	VN0812WBL01	VN0812WBL01	VN087504.D	12 Aug 2025 11:07		JC\MD	Ok
5	VN0812WBS01	VN0812WBS01	VN087505.D	12 Aug 2025 11:42		JC\MD	Ok,M
6	VN0812WBSD01	VN0812WBSD01	VN087506.D	12 Aug 2025 12:15		JC\MD	Ok,M
7	PB169201TB	PB169201TB	VN087507.D	12 Aug 2025 12:37		JC\MD	Ok
8	Q2808-04	TP-7	VN087508.D	12 Aug 2025 12:58	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
9	Q2827-04	TP-8	VN087509.D	12 Aug 2025 13:19	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
10	Q2831-03	VNJ-238	VN087510.D	12 Aug 2025 13:41	vial A pH#5.0	JC\MD	Ok
11	Q2827-08	TP-9	VN087511.D	12 Aug 2025 14:02	vial A pH#5.0	JC\MD	Ok,M
12	Q2816-01	1055-MW-01(23)	VN087512.D	12 Aug 2025 14:24	vial A pH<2 Need 20X	JC\MD	Dilution
13	Q2816-05	1057-MW-03A(17)	VN087513.D	12 Aug 2025 14:46	vial A pH<2 Need 5X	JC\MD	Dilution
14	Q2816-06	1058-MW-11(15)	VN087514.D	12 Aug 2025 15:07	vial A pH<2	JC\MD	Ok
15	Q2816-07	1059-MW-17A(15.5)	VN087515.D	12 Aug 2025 15:29	vial A pH<2	JC\MD	Ok
16	Q2816-08	1060-FB080725	VN087516.D	12 Aug 2025 15:51	vial A pH<2 FB;Hit of Com.#16	JC\MD	ReRun
17	Q2816-09	1061-TB080725	VN087517.D	12 Aug 2025 16:13	vial A pH<2 TB	JC\MD	Ok
18	Q2825-01	TW1	VN087518.D	12 Aug 2025 16:35	vial A pH<2 Surrogate Fail	JC\MD	ReRun

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2825-02	FB	VN087519.D	12 Aug 2025 16:57	vial A pH<2 FB	JC\MD	Ok
20	Q2816-02	1056-MW-02(23.8)	VN087520.D	12 Aug 2025 17:19	vial A pH<2	JC\MD	Ok
21	Q2816-03MS	1056-MW-02(23.8)MS	VN087521.D	12 Aug 2025 17:41	vial A pH<2	JC\MD	Ok,M
22	Q2816-04MSD	1056-MW-02(23.8)MSD	VN087522.D	12 Aug 2025 18:02	vial A pH<2	JC\MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VN087523.D	12 Aug 2025 18:24		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
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	VN087524.D	13 Aug 2025 09:04		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087525.D	13 Aug 2025 10:57	pH#Lot#V12668	JC\MD	Ok,M
3	VN0813MBL01	VN0813MBL01	VN087526.D	13 Aug 2025 11:19		JC\MD	Ok
4	VN0813WBL01	VN0813WBL01	VN087527.D	13 Aug 2025 11:41		JC\MD	Ok
5	VN0813WBS01	VN0813WBS01	VN087528.D	13 Aug 2025 12:39		JC\MD	Ok,M
6	PB169213TB	PB169213TB	VN087529.D	13 Aug 2025 13:01		JC\MD	Ok
7	VN0813WBSD01	VN0813WBSD01	VN087530.D	13 Aug 2025 13:23		JC\MD	Ok,M
8	Q2816-05DL	1057-MW-03A(17)DL	VN087531.D	13 Aug 2025 13:45	vial B pH<2	JC\MD	Ok
9	Q2816-01DL	1055-MW-01(23)DL	VN087532.D	13 Aug 2025 14:07	vial B pH<2	JC\MD	Ok
10	Q2816-08	1060-FB080725	VN087533.D	13 Aug 2025 14:29	vial B pH<2 FB	JC\MD	Ok
11	Q2825-02RE	FBRE	VN087534.D	13 Aug 2025 14:51	FB;For Confirmation	JC\MD	Not Ok
12	Q2825-01	TW1	VN087535.D	13 Aug 2025 15:14	vial B pH<2	JC\MD	Ok,M
13	Q2808-04RE	TP-7RE	VN087536.D	13 Aug 2025 15:36	vial B pH#5.0 Surrogate fail	JC\MD	Confirms
14	Q2827-04RE	TP-8RE	VN087537.D	13 Aug 2025 15:58	vial B pH#5.0 Surrogate fail	JC\MD	Confirms
15	Q2732-01	WC-A7-01-G	VN087538.D	13 Aug 2025 16:21	vial A pH#5.0	JC\MD	Ok
16	Q2832-02	TG-S01	VN087539.D	13 Aug 2025 16:43	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
17	Q2832-04	TG-S02	VN087540.D	13 Aug 2025 17:05	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
18	Q2832-06	TG-S03	VN087541.D	13 Aug 2025 17:27	vial A pH#5.0	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2832-08	TG-S04	VN087542.D	13 Aug 2025 17:50	vial A pH#5.0	JC\MD	Ok
20	Q2832-10	TG-S05	VN087543.D	13 Aug 2025 18:12	vial A pH#5.0	JC\MD	Ok
21	Q2836-01	WC-A2-15-G	VN087544.D	13 Aug 2025 18:34	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
22	Q2836-05	WC-A2-16-G	VN087545.D	13 Aug 2025 18:56	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
23	Q2836-09	WC-A2-17-G	VN087546.D	13 Aug 2025 19:18	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
24	Q2836-13	WC-A5-02-G	VN087547.D	13 Aug 2025 19:40	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
25	Q2838-04	TP-11	VN087548.D	13 Aug 2025 20:02	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
26	Q2838-08	TP-10	VN087549.D	13 Aug 2025 20:24	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
27	VSTDCCC050	VSTDCCC050EC	VN087550.D	13 Aug 2025 20:46		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2825	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	DeCamp
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2825-01	**TW1**	**Water**			**08/10/25**			**08/11/25**
			VOCMS Group1	8260-Low			08/13/25	
Q2825-02	**FB**	**Water**			**08/10/25**			**08/11/25**
			VOCMS Group1	8260-Low			08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2825

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : TW1									
Q2825-01	TW1	WATER	1-Naphthalenemethanol	*	23.200	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzaldehyde, 4-(1-methylethyl)-	*	10.400	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, (1-methyl-1-butenyl)-	*	6.800	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, (2-methyl-1-butenyl)-	*	8.400	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 1,2,3,5-tetramethyl-	*	9.600	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 1,2,4,5-tetramethyl-	*	8.100	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 1-ethyl-2-methyl-	*	8.100	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 1-methyl-3-(1-methyleth	*	28.000	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 1-methyl-4-propyl-	*	7.400	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzene, 4-ethyl-1,2-dimethyl-	*	6.600	J	0	0	ug/L
Q2825-01	TW1	WATER	Benzenemethanol, 2,5-dimethyl-	*	8.900	J	0	0	ug/L
Q2825-01	TW1	WATER	Butane, 2-methoxy-2-methyl-	*	78.600	J	0	0	ug/L
Q2825-01	TW1	WATER	Dodecane, 2,6,11-trimethyl-	*	8.400	J	0	0	ug/L
Q2825-01	TW1	WATER	Naphthalene, 1,2,3,4-tetrahydro-6	*	6.700	J	0	0	ug/L
Q2825-01	TW1	WATER	Naphthalene, 1,6-dimethyl-	*	15.900	J	0	0	ug/L
Q2825-01	TW1	WATER	Naphthalene, 1,7-dimethyl-	*	23.900	J	0	0	ug/L
Q2825-01	TW1	WATER	Naphthalene, 2,3-dimethyl-	*	9.400	J	0	0	ug/L
Q2825-01	TW1	WATER	Naphthalene, 2,6-dimethyl-	*	18.400	J	0	0	ug/L
Q2825-01	TW1	WATER	1-Methylnaphthalene	*	21.900	J	0.7	5.3	ug/L
			Total Tics :		**308.70**				
			Total Concentration:		**308.70**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 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
BP025496.D	1	08/12/25 11:39	08/20/25 05:54	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.20	U	4.20	10.6	ug/L
108-95-2	Phenol	0.97	U	0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.86	U	0.86	5.30	ug/L
95-57-8	2-Chlorophenol	0.62	U	0.62	5.30	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.30	ug/L
98-86-2	Acetophenone	0.79	U	0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	0.69	U	0.69	5.30	ug/L
98-95-3	Nitrobenzene	0.81	U	0.81	5.30	ug/L
78-59-1	Isophorone	0.80	U	0.80	5.30	ug/L
88-75-5	2-Nitrophenol	1.90	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	2.00	U	2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	0.55	U	0.55	5.30	ug/L
91-20-3	Naphthalene	0.53	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	0.89	UQ	0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	0.57	U	0.57	5.30	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	0.63	U	0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	0.60	U	0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	3.90	U	3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	0.54	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	0.66	U	0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	0.56	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	0.65	U	0.65	5.30	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	0.65	U	0.65	5.30	ug/L

Raw Data: **BP025496.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 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
BP025496.D	1	08/12/25 11:39	08/20/25 05:54	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.80	U	0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	0.98	U	0.98	5.30	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.30	ug/L
83-32-9	Acenaphthene	0.59	U	0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.6	ug/L
132-64-9	Dibenzofuran	0.65	U	0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	0.73	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	0.72	5.30	ug/L
86-73-7	Fluorene	0.67	U	0.67	5.30	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	0.62	U	0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	0.43	U	0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	0.55	U	0.55	5.30	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	1.70	U	1.70	10.6	ug/L
85-01-8	Phenanthrene	0.53	U	0.53	5.30	ug/L
120-12-7	Anthracene	0.65	U	0.65	5.30	ug/L
86-74-8	Carbazole	0.77	U	0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	0.87	U	0.87	5.30	ug/L
129-00-0	Pyrene	0.53	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	0.99	UQ	0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	0.48	U	0.48	5.30	ug/L
218-01-9	Chrysene	0.47	U	0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	5.30	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	08/10/25
Project:	DeCamp			Date Received:	08/11/25
Client Sample ID:	TW1			SDG No.:	Q2825
Lab Sample ID:	Q2825-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	940	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
BP025496.D	1	08/12/25 11:39	08/20/25 05:54	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.51	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	0.59	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.71	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	0.73	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	1.10	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.3		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	45.6		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.5		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.9		30 (52) - 130 (132)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		15 (44) - 110 (137)	91%	SPK: 150
1718-51-0	Terphenyl-d14	77.9		30 (42) - 130 (152)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	148000	7.79			
1146-65-2	Naphthalene-d8	591000	10.554			
15067-26-2	Acenaphthene-d10	399000	14.401			
1517-22-2	Phenanthrene-d10	833000	17.207			
1719-03-5	Chrysene-d12	899000	21.648			
1520-96-3	Perylene-d12	967000	25.012			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	78.6	J		3.04	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	8.10	J		7.19	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	7.40	J		8.58	ug/L
000122-03-2	Benzaldehyde, 4-(1-methylethyl)-	10.4	J		9.13	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	6.60	J		9.21	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	9.60	J		9.40	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	8.10	J		9.45	ug/L

Raw Data: **BP025496.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:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 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
BP025496.D	1	08/12/25 11:39	08/20/25 05:54	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
056253-64-6	Benzene, (2-methyl-1-butenyl)-	8.40	J		9.76	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	28.0	J		9.97	ug/L
053172-84-2	Benzene, (1-methyl-1-butenyl)-	6.80	J		10.6	ug/L
053957-33-8	Benzenemethanol, 2,5-dimethyl-	8.90	J		11.3	ug/L
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	6.70	J		12.1	ug/L
90-12-0	1-Methylnaphthalene	21.9	J		12.4	ug/L
031295-56-4	Dodecane, 2,6,11-trimethyl-	8.40	J		12.9	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	18.4	J		13.6	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	23.9	J		13.7	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	15.9	J		13.8	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	9.40	J		14.0	ug/L
004780-79-4	1-Naphthalenemethanol	23.2	J		15.3	ug/L

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

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2825

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169230BL	PB169230BL	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.2	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.3	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	85		15 (44)	110 (137)
		Terphenyl-d14	100	74.2	74		30 (42)	130 (152)
PB169230BS	PB169230BS	2-Fluorophenol	150	113	75		15 (23)	110 (138)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.6	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.6	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	65.8	66		30 (42)	130 (152)
PB169230BSD	PB169230BSD	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.4	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	77.3	77		30 (42)	130 (152)
Q2825-01	TW1	2-Fluorophenol	150	69.3	46		15 (23)	110 (138)
		Phenol-d6	150	45.6	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.5	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.9	74		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	136	91		15 (44)	110 (137)
		Terphenyl-d14	100	77.9	78		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025424.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169230BS	Benzaldehyde	50	23.9	ug/L	48				20 (10)	160 (162)	
	Phenol	50	40.4	ug/L	81				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	37.1	ug/L	74				70 (62)	130 (103)	
	2-Chlorophenol	50	39.9	ug/L	80				70 (70)	130 (117)	
	2-Methylphenol	50	39.7	ug/L	79				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	37.4	ug/L	75				70 (65)	130 (100)	
	Acetophenone	50	38.4	ug/L	77				70 (60)	130 (104)	
	3+4-Methylphenols	50	38.8	ug/L	78				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	35.3	ug/L	71				70 (57)	130 (107)	
	Hexachloroethane	50	38.7	ug/L	77				20 (76)	160 (118)	
	Nitrobenzene	50	39.7	ug/L	79				70 (58)	130 (106)	
	Isophorone	50	37.0	ug/L	74				70 (61)	130 (102)	
	2-Nitrophenol	50	39.2	ug/L	78				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	40.8	ug/L	82				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	37.6	ug/L	75				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	41.5	ug/L	83				70 (66)	130 (115)	
	Naphthalene	50	38.6	ug/L	77				70 (64)	130 (107)	
	4-Chloroaniline	50	25.0	ug/L	50		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	38.4	ug/L	77				70 (69)	130 (101)	
	Caprolactam	50	38.5	ug/L	77				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	40.8	ug/L	82				70 (65)	130 (114)	
	2-Methylnaphthalene	50	38.1	ug/L	76				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	86.0	ug/L	86				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	41.6	ug/L	83				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	42.1	ug/L	84				70 (70)	130 (106)	
	1,1-Biphenyl	50	40.1	ug/L	80				70 (72)	130 (98)	
	2-Chloronaphthalene	50	39.6	ug/L	79				70 (59)	130 (106)	
	2-Nitroaniline	50	42.4	ug/L	85				70 (73)	130 (114)	
	Dimethylphthalate	50	39.4	ug/L	79				70 (64)	130 (103)	
	Acenaphthylene	50	39.5	ug/L	79				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	41.3	ug/L	83				70 (64)	130 (110)	
	3-Nitroaniline	50	30.4	ug/L	61		*		70 (28)	130 (100)	
	Acenaphthene	50	39.1	ug/L	78				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	91.4	ug/L	91				20 (36)	160 (166)	
	4-Nitrophenol	100	84.2	ug/L	84				20 (45)	160 (147)	
	Dibenzofuran	50	39.0	ug/L	78				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	41.7	ug/L	83				70 (60)	130 (115)	
	Diethylphthalate	50	39.2	ug/L	78				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	38.0	ug/L	76				70 (61)	130 (104)	
	Fluorene	50	38.7	ug/L	77				70 (64)	130 (107)	
	4-Nitroaniline	50	38.9	ug/L	78				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	42.5	ug/L	85				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	41.1	ug/L	82				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	40.0	ug/L	80				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025424.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169230BS	Hexachlorobenzene	50	40.6	ug/L	81				70 (73)	130 (106)	
	Atrazine	50	40.0	ug/L	80				70 (76)	130 (120)	
	Pentachlorophenol	100	87.0	ug/L	87				20 (47)	160 (114)	
	Phenanthrene	50	41.1	ug/L	82				70 (62)	130 (109)	
	Anthracene	50	41.0	ug/L	82				70 (65)	130 (110)	
	Carbazole	50	40.6	ug/L	81				70 (62)	130 (106)	
	Di-n-butylphthalate	50	40.7	ug/L	81				70 (64)	130 (106)	
	Fluoranthene	50	40.6	ug/L	81				70 (64)	130 (110)	
	Pyrene	50	38.2	ug/L	76				70 (71)	130 (103)	
	Butylbenzylphthalate	50	39.3	ug/L	79				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	30.3	ug/L	61		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	41.0	ug/L	82				70 (62)	130 (107)	
	Chrysene	50	41.0	ug/L	82				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	40.4	ug/L	81				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	41.6	ug/L	83				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.4	ug/L	83				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	40.4	ug/L	81				70 (77)	130 (105)	
	Benzo(a)pyrene	50	41.2	ug/L	82				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	42.2	ug/L	84				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	41.9	ug/L	84				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	41.8	ug/L	84				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	39.5	ug/L	79				70 (72)	130 (101)	
	1,4-Dioxane	50	44.4	ug/L	89				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	40.9	ug/L	82				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025425.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169230BSD	Benzaldehyde	50	26.6	ug/L	53	11			20 (10)	160 (162)	20 (20)
	Phenol	50	44.9	ug/L	90	11			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	42.2	ug/L	84	13			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	44.7	ug/L	89	11			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	44.2	ug/L	88	11			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	42.6	ug/L	85	13			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.9	ug/L	86	11			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	43.5	ug/L	87	11			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	39.9	ug/L	80	12			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	42.8	ug/L	86	10			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	45.0	ug/L	90	13			70 (58)	130 (106)	20 (20)
	Isophorone	50	41.7	ug/L	83	12			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	44.5	ug/L	89	13			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	45.3	ug/L	91	10			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.8	ug/L	86	13			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	45.8	ug/L	92	10			70 (66)	130 (115)	20 (20)
	Naphthalene	50	43.1	ug/L	86	11			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	27.2	ug/L	54	8	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	42.6	ug/L	85	10			70 (69)	130 (101)	20 (20)
	Caprolactam	50	43.9	ug/L	88	13			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	44.6	ug/L	89	9			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	42.8	ug/L	86	12			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	96.4	ug/L	96	11			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	45.9	ug/L	92	10			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	47.0	ug/L	94	11			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	43.5	ug/L	87	8			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	43.5	ug/L	87	9			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	47.5	ug/L	95	11			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	43.9	ug/L	88	11			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.7	ug/L	87	10			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	46.5	ug/L	93	12			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	33.4	ug/L	67	9	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	44.3	ug/L	89	12			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	18			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	95.3	ug/L	95	12			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	42.9	ug/L	86	10			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	47.7	ug/L	95	13			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	44.2	ug/L	88	12			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85	12			70 (61)	130 (104)	20 (20)
	Fluorene	50	43.0	ug/L	86	11			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	43.3	ug/L	87	11			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	49.6	ug/L	99	15			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	44.8	ug/L	90	9			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	44.7	ug/L	89	11			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025425.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169230BSD	Hexachlorobenzene	50	44.5	ug/L	89	9			70 (73)	130 (106)	20 (20)
	Atrazine	50	46.2	ug/L	92	14			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	98.0	ug/L	98	12			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	44.8	ug/L	90	9			70 (62)	130 (109)	20 (20)
	Anthracene	50	45.2	ug/L	90	10			70 (65)	130 (110)	20 (20)
	Carbazole	50	45.9	ug/L	92	12			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	45.9	ug/L	92	12			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	44.5	ug/L	89	9			70 (64)	130 (110)	20 (20)
	Pyrene	50	44.7	ug/L	89	16			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	46.5	ug/L	93	17			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	34.1	ug/L	68	12	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	46.3	ug/L	93	12			70 (62)	130 (107)	20 (20)
	Chrysene	50	46.0	ug/L	92	11			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	46.2	ug/L	92	13			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	48.8	ug/L	98	16			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	47.6	ug/L	95	14			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	46.9	ug/L	94	15			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.1	ug/L	94	13			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94	11			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	47.0	ug/L	94	11			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	46.7	ug/L	93	11			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87	9			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	37.1	ug/L	74	18			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.0	ug/L	92	12			70 (63)	130 (116)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169230BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: BP025423.D | Lab Sample ID: PB169230BL

Instrument ID: BNA_P | Date Extracted: 08/12/2025

Matrix: (soil/water) Water | Date Analyzed: 08/15/2025

Level: (low/med) LOW | Time Analyzed: 11:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169230BS	PB169230BS	BP025424.D	08/15/2025
PB169230BSD	PB169230BSD	BP025425.D	08/15/2025
TW1	Q2825-01	BP025496.D	08/20/2025

COMMENTS:

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: BP025390.D DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
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	6.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	81.3
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
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: BP025421.D DFTPP Injection Date: 08/15/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 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	6.6
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	78.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025422.D	08/15/2025	10:36
PB169230BL	PB169230BL	BP025423.D	08/15/2025	11:17
PB169230BS	PB169230BS	BP025424.D	08/15/2025	11:59
PB169230BSD	PB169230BSD	BP025425.D	08/15/2025	13:26

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: BP025486.D DFTPP Injection Date: 08/19/2025

Instrument ID: BNA_P DFTPP Injection Time: 23:05

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	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	78.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.4) 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	BP025487.D	08/19/2025	23:46
TW1	Q2825-01	BP025496.D	08/20/2025	05:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID : SSTDCCC040 Date Analyzed: 08/15/2025

Lab File ID: BP025422.D Time Analyzed: 10:36

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	163210	7.79	699113	10.55	458301	14.41
	UPPER LIMIT	326420	8.29	1398230	11.054	916602	14.907
	LOWER LIMIT	81605	7.29	349557	10.054	229151	13.907
	EPA SAMPLE NO.						
01	PB169230BL	154254	7.79	595195	10.56	376083	14.40
02	PB169230BS	169971	7.79	670319	10.56	424018	14.40
03	PB169230BSD	168072	7.78	666741	10.55	424927	14.40

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID: SSTDCCC040 Date Analyzed: 08/15/2025

Lab File ID: BP025422.D Time Analyzed: 10:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	913689	17.201	958309	21.648	1096860	25.012
	UPPER LIMIT	1827380	17.701	1916620	22.148	2193720	25.512
	LOWER LIMIT	456845	16.701	479155	21.148	548430	24.512
	EPA SAMPLE NO.						
01	PB169230BL	774408	17.20	884552	21.65	1011780	25.02
02	PB169230BS	812951	17.19	911094	21.64	1094190	25.02
03	PB169230BSD	837407	17.21	883409	21.65	1035260	25.01

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID : SSTDCCC040 Date Analyzed: 08/19/2025

Lab File ID: BP025487.D Time Analyzed: 23:46

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	159158	7.79	679178	10.56	450864	14.41
	UPPER LIMIT	318316	8.29	1358360	11.06	901728	14.913
	LOWER LIMIT	79579	7.29	339589	10.06	225432	13.913
	EPA SAMPLE NO.						
01	TW1	148473	7.79	590544	10.55	398793	14.40

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID: SSTDCCC040 Date Analyzed: 08/19/2025

Lab File ID: BP025487.D Time Analyzed: 23:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	905283	17.207	932001	21.642	1054170	25.012
	UPPER LIMIT	1810570	17.707	1864000	22.142	2108340	25.512
	LOWER LIMIT	452642	16.707	466001	21.142	527085	24.512
	EPA SAMPLE NO.						
01	TW1	832700	17.21	898569	21.65	966954	25.01

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

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB169230BL			SDG No.:	Q2825
Lab Sample ID:	PB169230BL			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
BP025423.D	1	08/12/25 11:39	08/15/25 11:17	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	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
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	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
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	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
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	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
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	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

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB169230BL			SDG No.:	Q2825
Lab Sample ID:	PB169230BL			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
BP025423.D	1	08/12/25 11:39	08/15/25 11:17	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	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
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
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
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	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

Raw Data: **BP025423.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB169230BL			SDG No.:	Q2825
Lab Sample ID:	PB169230BL			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
BP025423.D	1	08/12/25 11:39	08/15/25 11:17	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	74.2		30 (42) - 130 (152)	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.79			
1146-65-2	Naphthalene-d8	595000	10.56			
15067-26-2	Acenaphthene-d10	376000	14.401			
1517-22-2	Phenanthrene-d10	774000	17.201			
1719-03-5	Chrysene-d12	885000	21.648			
1520-96-3	Perylene-d12	1010000	25.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.50	A		4.94	ug/L

Raw Data: **BP025423.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB169230BL			SDG No.:	Q2825
Lab Sample ID:	PB169230BL			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
BP025423.D	1	08/12/25 11:39	08/15/25 11:17	PB169230

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: **BP025424.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DeCamp	Date Received:	
Client Sample ID:	PB169230BS	SDG No.:	Q2825
Lab Sample ID:	PB169230BS	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
BP025424.D	1	08/12/25 11:39	08/15/25 11:59	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.9		3.90	10.0	ug/L
108-95-2	Phenol	40.4		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	39.9		0.58	5.00	ug/L
95-48-7	2-Methylphenol	39.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.4		1.30	5.00	ug/L
98-86-2	Acetophenone	38.4		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	38.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.3		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	39.7		0.76	5.00	ug/L
78-59-1	Isophorone	37.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	39.2		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	40.8		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	37.6		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	41.5		0.52	5.00	ug/L
91-20-3	Naphthalene	38.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	25.0		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.4		0.54	5.00	ug/L
105-60-2	Caprolactam	38.5		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.8		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	38.1		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	86.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	41.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	42.1		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	40.1		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	39.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	42.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	39.4		0.61	5.00	ug/L

Raw Data: **BP025424.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:	DeCamp			Date Received:	
Client Sample ID:	PB169230BS			SDG No.:	Q2825
Lab Sample ID:	PB169230BS			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
BP025424.D	1	08/12/25 11:39	08/15/25 11:59	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	39.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	41.3		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	91.4	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	84.2	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	39.0		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	41.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	39.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.0		0.68	5.00	ug/L
86-73-7	Fluorene	38.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	38.9		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	41.1		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.0		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	40.6		0.52	5.00	ug/L
1912-24-9	Atrazine	40.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	87.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	41.1		0.50	5.00	ug/L
120-12-7	Anthracene	41.0		0.61	5.00	ug/L
86-74-8	Carbazole	40.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.7		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.6		0.82	5.00	ug/L
129-00-0	Pyrene	38.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	39.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	30.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	41.0		0.45	5.00	ug/L
218-01-9	Chrysene	41.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40.4		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	41.6		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.4		0.49	5.00	ug/L

Raw Data: **BP025424.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:	DeCamp			Date Received:	
Client Sample ID:	PB169230BS			SDG No.:	Q2825
Lab Sample ID:	PB169230BS			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
BP025424.D	1	08/12/25 11:39	08/15/25 11:59	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	40.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.2		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	44.4		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	113		15 (23) - 110 (138)	75%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.6		30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.6		30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150
1718-51-0	Terphenyl-d14	65.8		30 (42) - 130 (152)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	170000	7.79			
1146-65-2	Naphthalene-d8	670000	10.555			
15067-26-2	Acenaphthene-d10	424000	14.396			
1517-22-2	Phenanthrene-d10	813000	17.19			
1719-03-5	Chrysene-d12	911000	21.642			
1520-96-3	Perylene-d12	1090000	25.019			

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: **BP025425.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:	DeCamp	Date Received:	
Client Sample ID:	PB169230BSD	SDG No.:	Q2825
Lab Sample ID:	PB169230BSD	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
BP025425.D	1	08/12/25 11:39	08/15/25 13:26	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.6		3.90	10.0	ug/L
108-95-2	Phenol	44.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.2		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.9		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.5		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.0		0.76	5.00	ug/L
78-59-1	Isophorone	41.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	44.5		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	45.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	45.8		0.52	5.00	ug/L
91-20-3	Naphthalene	43.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	27.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.6		0.54	5.00	ug/L
105-60-2	Caprolactam	43.9		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.6		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.8		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	96.4	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.5		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.5		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	43.9		0.61	5.00	ug/L

Raw Data: **BP025425.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:	DeCamp	Date Received:	
Client Sample ID:	PB169230BSD	SDG No.:	Q2825
Lab Sample ID:	PB169230BSD	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
BP025425.D	1	08/12/25 11:39	08/15/25 13:26	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	33.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	44.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	95.3	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.7		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	43.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	44.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
1912-24-9	Atrazine	46.2		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	98.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.8		0.50	5.00	ug/L
120-12-7	Anthracene	45.2		0.61	5.00	ug/L
86-74-8	Carbazole	45.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.9		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.5		0.82	5.00	ug/L
129-00-0	Pyrene	44.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	34.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.3		0.45	5.00	ug/L
218-01-9	Chrysene	46.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		0.49	5.00	ug/L

Raw Data: **BP025425.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:	DeCamp			Date Received:	
Client Sample ID:	PB169230BSD			SDG No.:	Q2825
Lab Sample ID:	PB169230BSD			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
BP025425.D	1	08/12/25 11:39	08/15/25 13:26	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	46.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	37.1		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.4		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	77.3		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	168000	7.778			
1146-65-2	Naphthalene-d8	667000	10.548			
15067-26-2	Acenaphthene-d10	425000	14.401			
1517-22-2	Phenanthrene-d10	837000	17.207			
1719-03-5	Chrysene-d12	883000	21.654			
1520-96-3	Perylene-d12	1040000	25.012			

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: BNA_P Calibration Date/Time: 08/15/2025 10:36

Lab File ID: BP025422.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.169		-2.9	
Benzaldehyde	1.082	1.423		31.5	
Phenol-d6	1.544	1.519		-1.6	
Phenol	1.620	1.590		-1.9	20.0
bis(2-Chloroethyl)ether	1.263	1.245		-1.4	
2-Chlorophenol	1.359	1.343		-1.2	
2-Methylphenol	1.125	1.118		-0.6	
2,2-oxybis(1-Chloropropane)	1.692	1.704		0.7	
Acetophenone	0.502	0.486		-3.2	
3+4-Methylphenols	1.560	1.543		-1.1	
n-Nitroso-di-n-propylamine	1.023	1.005	0.050	-1.8	
Nitrobenzene-d5	0.395	0.392		-0.8	
Hexachloroethane	0.563	0.557		-1.1	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.671		-4.1	
2-Nitrophenol	0.181	0.179		-1.1	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.300		-3.2	20.0
Naphthalene	1.040	0.996		-4.2	
4-Chloroaniline	0.459	0.450		-2.0	
Hexachlorobutadiene	0.211	0.204		-3.3	20.0
Caprolactam	0.114	0.108		-5.3	
4-Chloro-3-methylphenol	0.355	0.345		-2.8	20.0
2-Methylnaphthalene	0.676	0.646		-4.4	
Hexachlorocyclopentadiene	0.349	0.352	0.050	0.9	
2,4,6-Trichlorophenol	0.390	0.383		-1.8	20.0
2-Fluorobiphenyl	1.463	1.380		-5.7	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.404		-3.4	
2-Chloronaphthalene	1.131	1.096		-3.1	
2-Nitroaniline	0.329	0.337		2.4	
Dimethylphthalate	1.465	1.393		-4.9	
Acenaphthylene	1.871	1.799		-3.8	
2,6-Dinitrotoluene	0.309	0.314		1.6	
3-Nitroaniline	0.347	0.348		0.3	
Acenaphthene	1.098	1.035		-5.7	20.0
2,4-Dinitrophenol	0.165	0.164	0.050	-0.6	
4-Nitrophenol	0.285	0.284	0.050	-0.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: BNA_P Calibration Date/Time: 08/15/2025 10:36

Lab File ID: BP025422.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.628		-6.2	
2,4-Dinitrotoluene	0.440	0.446		1.4	
Diethylphthalate	1.488	1.416		-4.8	
4-Chlorophenyl-phenylether	0.681	0.628		-7.8	
Fluorene	1.370	1.272		-7.2	
4-Nitroaniline	0.356	0.351		-1.4	
4,6-Dinitro-2-methylphenol	0.125	0.122		-2.4	
n-Nitrosodiphenylamine	0.610	0.587		-3.8	20.0
2,4,6-Tribromophenol	0.269	0.264		-1.9	
4-Bromophenyl-phenylether	0.220	0.210		-4.5	
Hexachlorobenzene	0.255	0.242		-5.1	
Atrazine	0.228	0.216		-5.3	
Pentachlorophenol	0.161	0.164		1.9	20.0
Phenanthrene	1.099	1.040		-5.4	
Anthracene	1.122	1.069		-4.7	
Carbazole	1.057	0.992		-6.1	
Di-n-butylphthalate	1.300	1.246		-4.2	
Fluoranthene	1.311	1.236		-5.7	20.0
Pyrene	1.300	1.231		-5.3	
Terphenyl-d14	1.093	1.026		-6.1	
Butylbenzylphthalate	0.589	0.555		-5.8	
3,3-Dichlorobenzidine	0.497	0.473		-4.8	
Benzo(a)anthracene	1.319	1.247		-5.5	
Chrysene	1.235	1.170		-5.3	
Bis(2-ethylhexyl)phthalate	0.867	0.803		-7.4	
Di-n-octyl phthalate	1.492	1.381		-7.4	20.0
Benzo(b)fluoranthene	1.179	1.145		-2.9	
Benzo(k)fluoranthene	1.180	1.134		-3.9	
Benzo(a)pyrene	1.148	1.114		-3.0	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.433		-2.3	
Dibenzo(a,h)anthracene	1.199	1.183		-1.3	
Benzo(g,h,i)perylene	1.178	1.156		-1.9	
1,2,4,5-Tetrachlorobenzene	0.578	0.559		-3.3	
1,4-Dioxane	0.472	0.440		-6.8	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.377		0.0	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: BNA_P Calibration Date/Time: 08/19/2025 23:46

Lab File ID: BP025487.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	0.876		-19.0	
Phenol-d6	1.544	1.570		1.7	
Phenol	1.620	1.661		2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.268		0.4	
2-Chlorophenol	1.359	1.389		2.2	
2-Methylphenol	1.125	1.152		2.4	
2,2-oxybis(1-Chloropropane)	1.692	1.784		5.4	
Acetophenone	0.502	0.503		0.2	
3+4-Methylphenols	1.560	1.571		0.7	
n-Nitroso-di-n-propylamine	1.023	1.046	0.050	2.2	
Nitrobenzene-d5	0.395	0.401		1.5	
Hexachloroethane	0.563	0.566		0.5	
Nitrobenzene	0.353	0.362		2.5	
Isophorone	0.700	0.705		0.7	
2-Nitrophenol	0.181	0.185		2.2	20.0
2,4-Dimethylphenol	0.312	0.315		1.0	
bis(2-Chloroethoxy)methane	0.423	0.427		0.9	
2,4-Dichlorophenol	0.310	0.313		1.0	20.0
Naphthalene	1.040	1.035		-0.5	
4-Chloroaniline	0.459	0.467		1.7	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.114	0.117		2.6	
4-Chloro-3-methylphenol	0.355	0.367		3.4	20.0
2-Methylnaphthalene	0.676	0.673		-0.4	
Hexachlorocyclopentadiene	0.349	0.402	0.050	15.2	
2,4,6-Trichlorophenol	0.390	0.400		2.6	20.0
2-Fluorobiphenyl	1.463	1.408		-3.8	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.462		0.6	
2-Chloronaphthalene	1.131	1.130		-0.1	
2-Nitroaniline	0.329	0.359		9.1	
Dimethylphthalate	1.465	1.503		2.6	
Acenaphthylene	1.871	1.889		1.0	
2,6-Dinitrotoluene	0.309	0.327		5.8	
3-Nitroaniline	0.347	0.367		5.8	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.332	0.050	101.2	
4-Nitrophenol	0.285	0.301	0.050	5.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: BNA_P Calibration Date/Time: 08/19/2025 23:46

Lab File ID: BP025487.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.710		-1.5	
2,4-Dinitrotoluene	0.440	0.475		8.0	
Diethylphthalate	1.488	1.537		3.3	
4-Chlorophenyl-phenylether	0.681	0.664		-2.5	
Fluorene	1.370	1.332		-2.8	
4-Nitroaniline	0.356	0.368		3.4	
4,6-Dinitro-2-methylphenol	0.125	0.178		42.4	
n-Nitrosodiphenylamine	0.610	0.625		2.5	20.0
2,4,6-Tribromophenol	0.269	0.278		3.3	
4-Bromophenyl-phenylether	0.220	0.222		0.9	
Hexachlorobenzene	0.255	0.255		0.0	
Atrazine	0.228	0.232		1.8	
Pentachlorophenol	0.161	0.170		5.6	20.0
Phenanthrene	1.099	1.084		-1.4	
Anthracene	1.122	1.144		2.0	
Carbazole	1.057	1.052		-0.5	
Di-n-butylphthalate	1.300	1.333		2.5	
Fluoranthene	1.311	1.283		-2.1	20.0
Pyrene	1.300	1.285		-1.2	
Terphenyl-d14	1.093	1.061		-2.9	
Butylbenzylphthalate	0.589	0.605		2.7	
3,3-Dichlorobenzidine	0.497	0.485		-2.4	
Benzo(a)anthracene	1.319	1.302		-1.3	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.890		2.7	
Di-n-octyl phthalate	1.492	1.526		2.2	20.0
Benzo(b)fluoranthene	1.179	1.172		-0.6	
Benzo(k)fluoranthene	1.180	1.163		-1.4	
Benzo(a)pyrene	1.148	1.141		-0.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.434		-2.2	
Dibenzo(a,h)anthracene	1.199	1.180		-1.6	
Benzo(g,h,i)perylene	1.178	1.150		-2.4	
1,2,4,5-Tetrachlorobenzene	0.578	0.572		-1.0	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.388		2.9	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Time: Aug 20 06:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

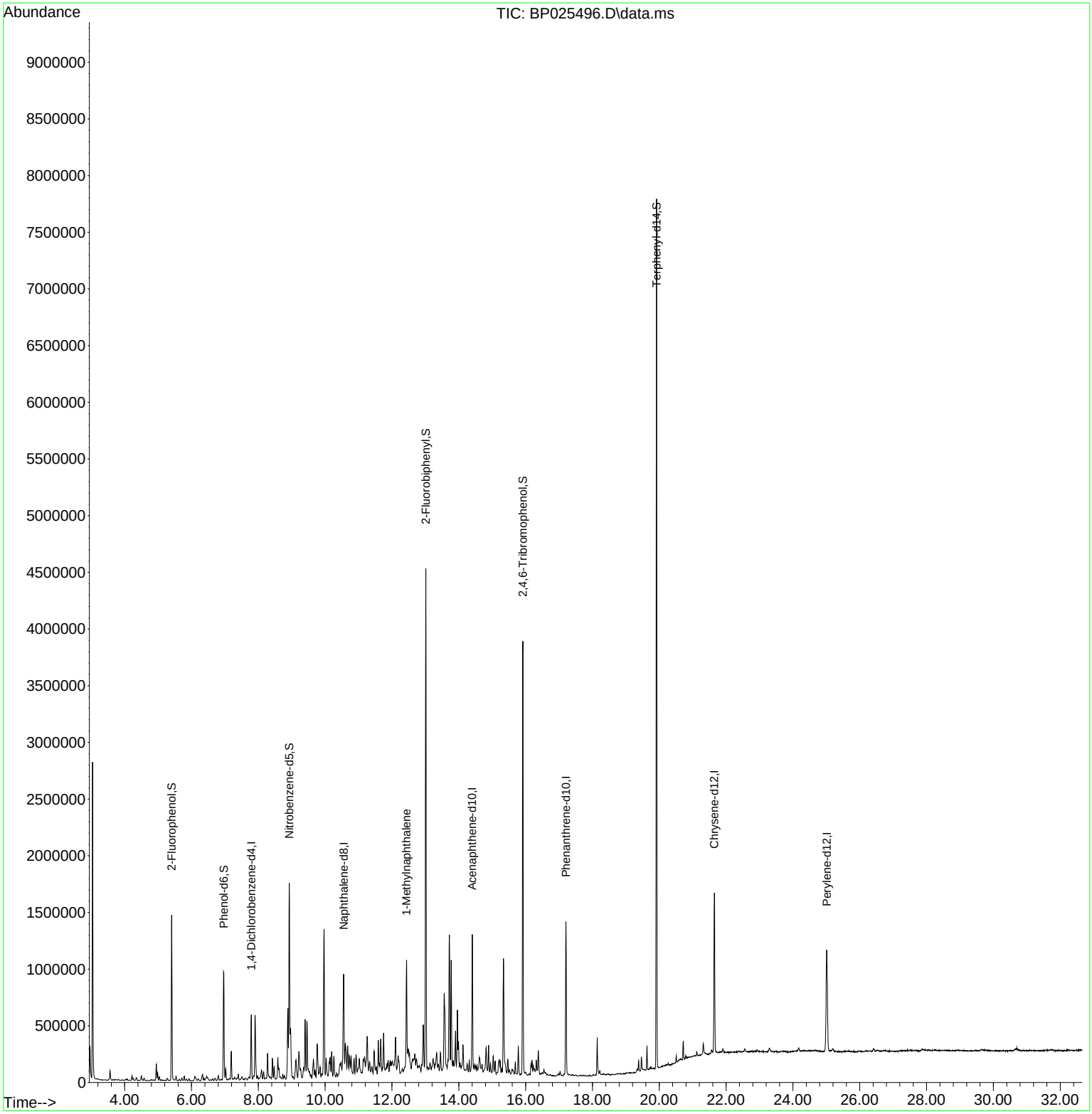
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	148473	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	590544	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	398793	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	832700	20.000	ng	0.00
76) Chrysene-d12	21.648	240	898569	20.000	ng	0.00
86) Perylene-d12	25.012	264	966954	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	619454	69.287	ng	0.00
7) Phenol-d6	6.966	99	522123	45.551	ng	0.00
23) Nitrobenzene-d5	8.925	82	974818	83.502	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	730528	136.095	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2156296	73.897	ng	0.00
79) Terphenyl-d14	19.919	244	3826982	77.921	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.437	142	437937	20.616	ng	99

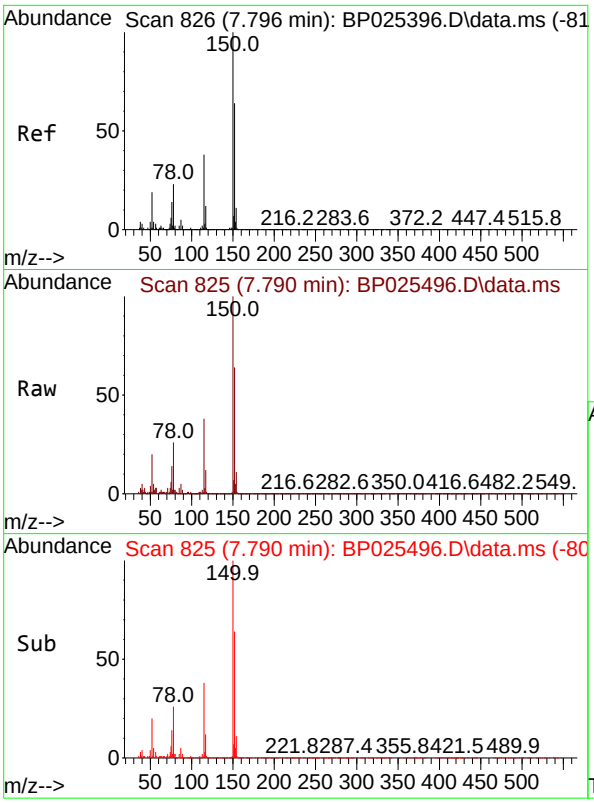
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Time: Aug 20 06:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



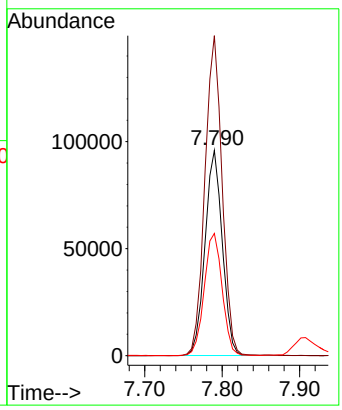


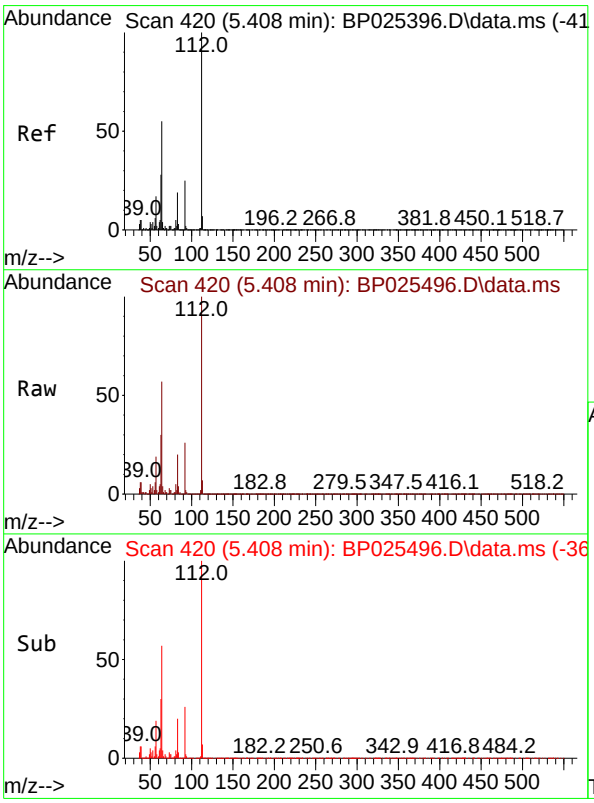
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:152 Resp: 148473

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	59.6	48.5	72.7

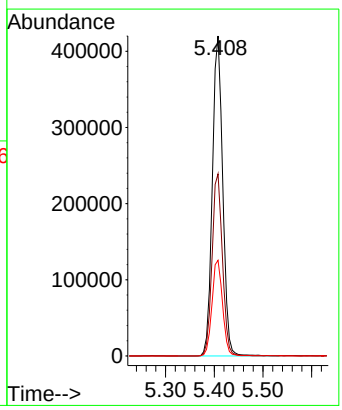


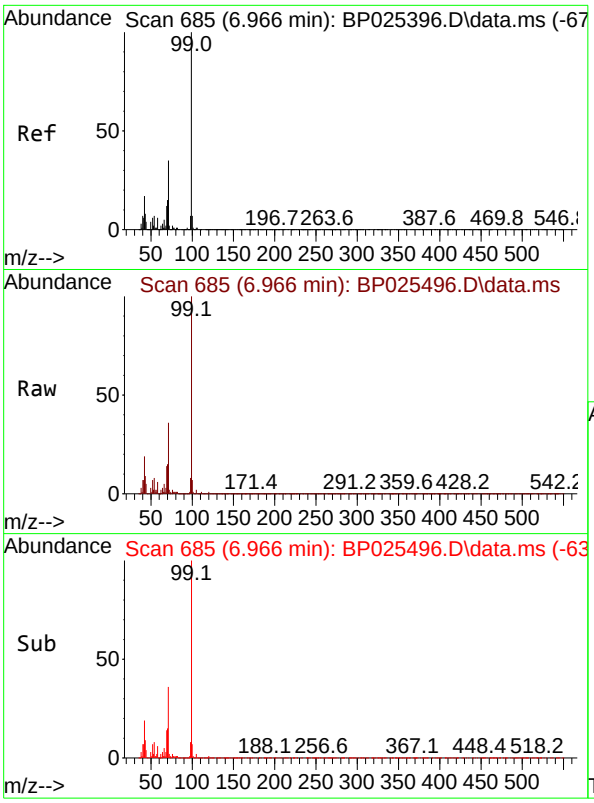


#5
2-Fluorophenol
Concen: 69.287 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:112 Resp: 619454

Ion	Ratio	Lower	Upper
112	100		
64	56.9	43.8	65.8
63	29.9	22.7	34.1



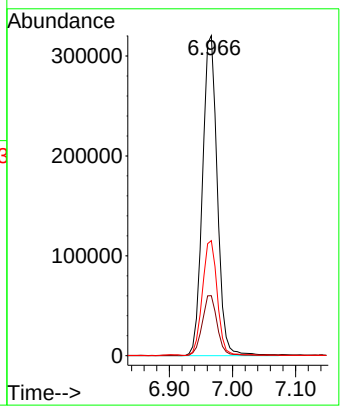


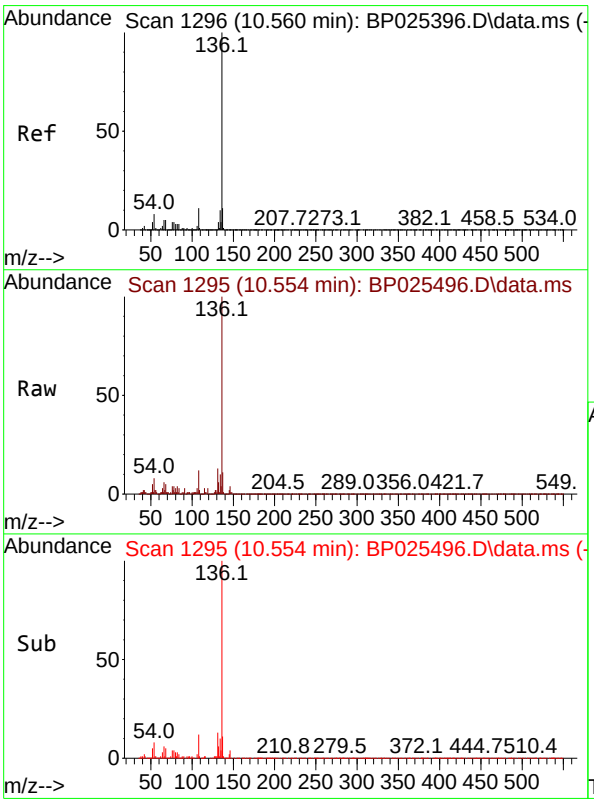
#7
Phenol-d6
Concen: 45.551 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 522123

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	36.0	28.2	42.4

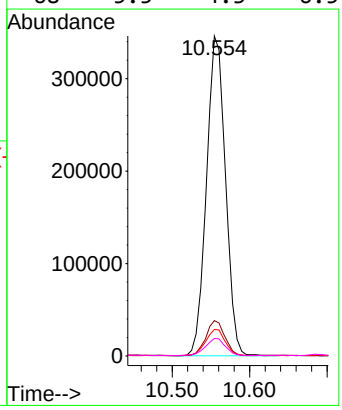


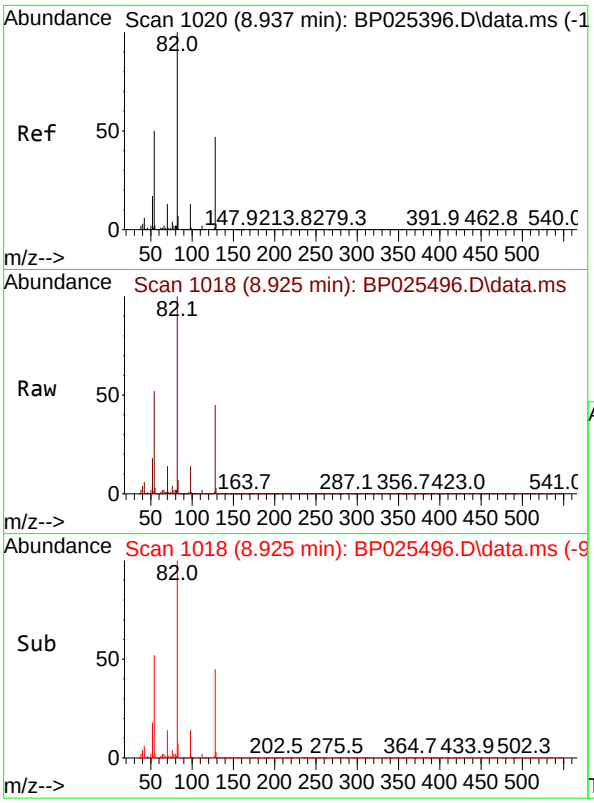


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:136 Resp: 590544

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	6.0	9.0
68	5.5	4.3	6.5



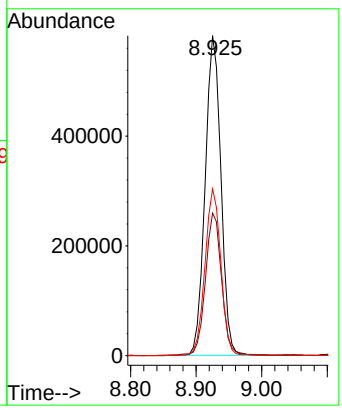


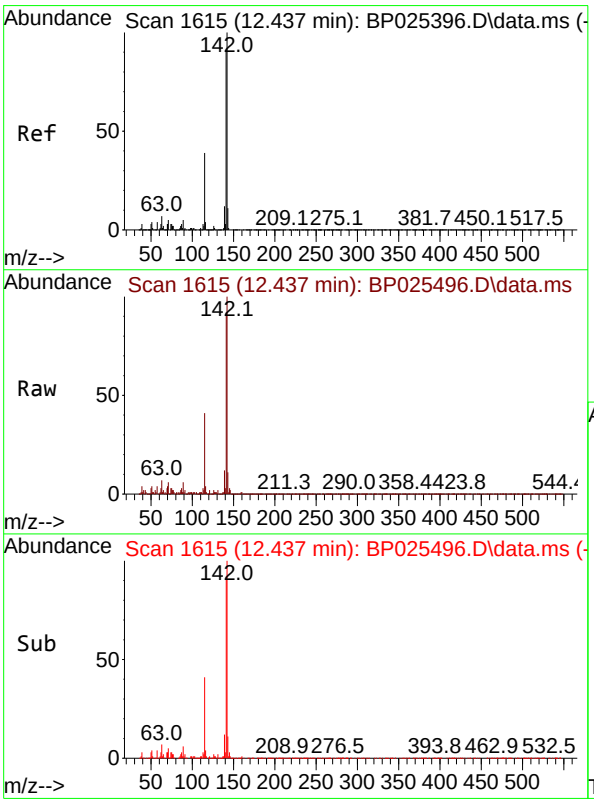
#23
Nitrobenzene-d5
Concen: 83.502 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion: 82 Resp: 974818

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.7	56.5
54	52.1	39.8	59.6

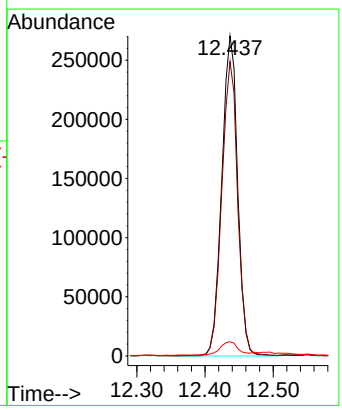


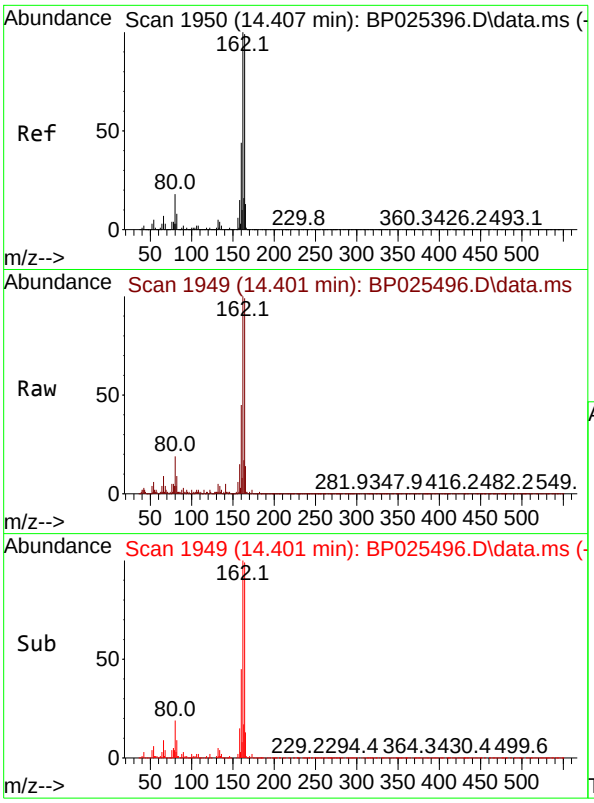


#38
1-Methylnaphthalene
Concen: 20.616 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:142 Resp: 437937

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7
116	4.5	3.2	4.8



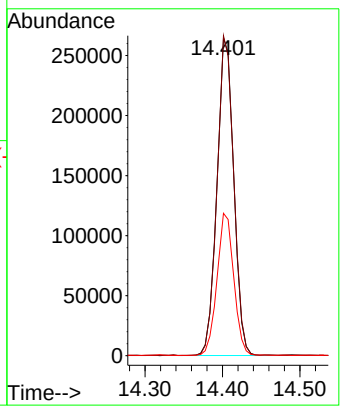


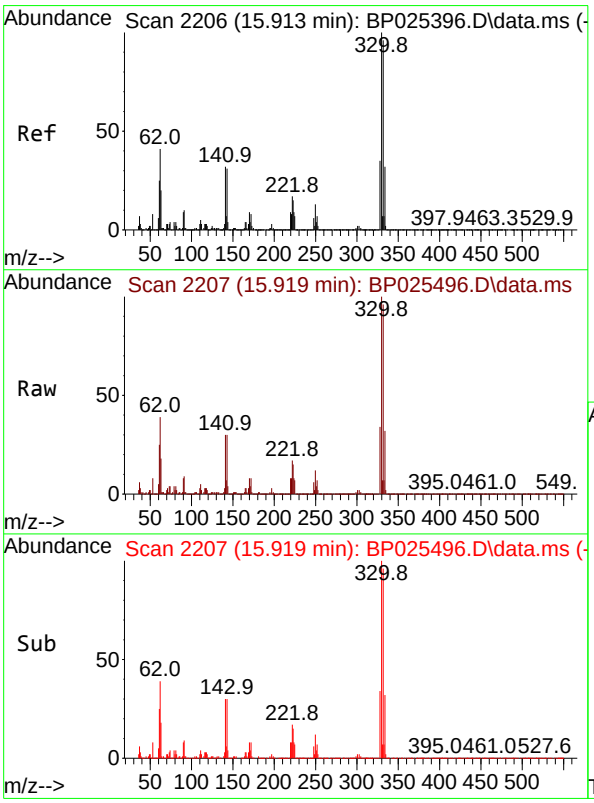
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:164 Resp: 398793

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	44.8	35.4	53.2

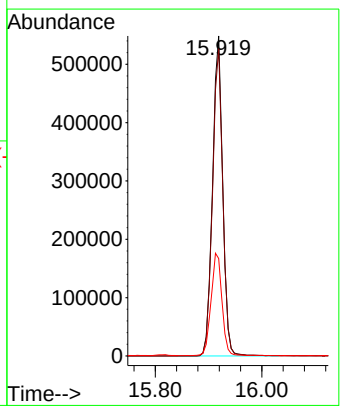


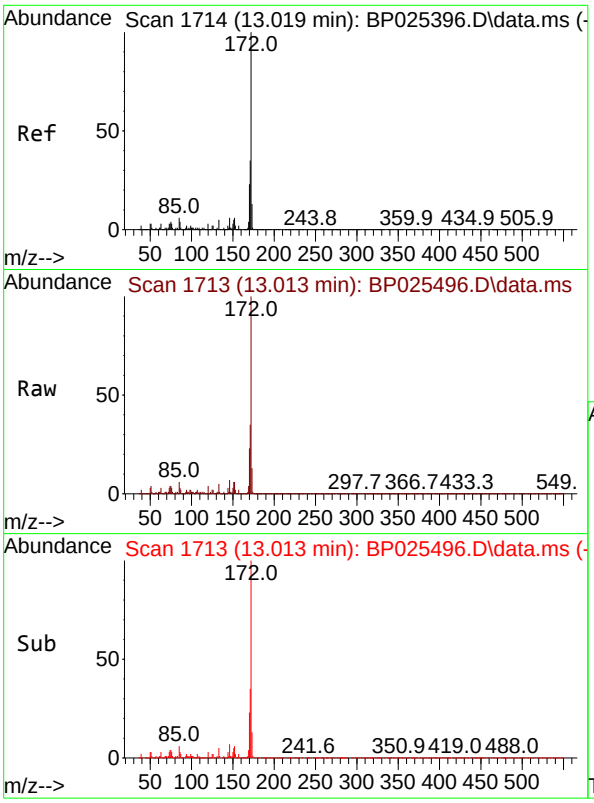


#42
2,4,6-Tribromophenol
Concen: 136.095 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:330 Resp: 730528

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.2	26.6	39.8



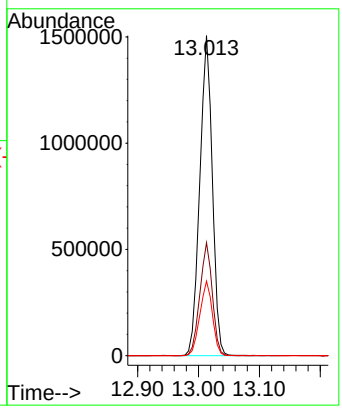


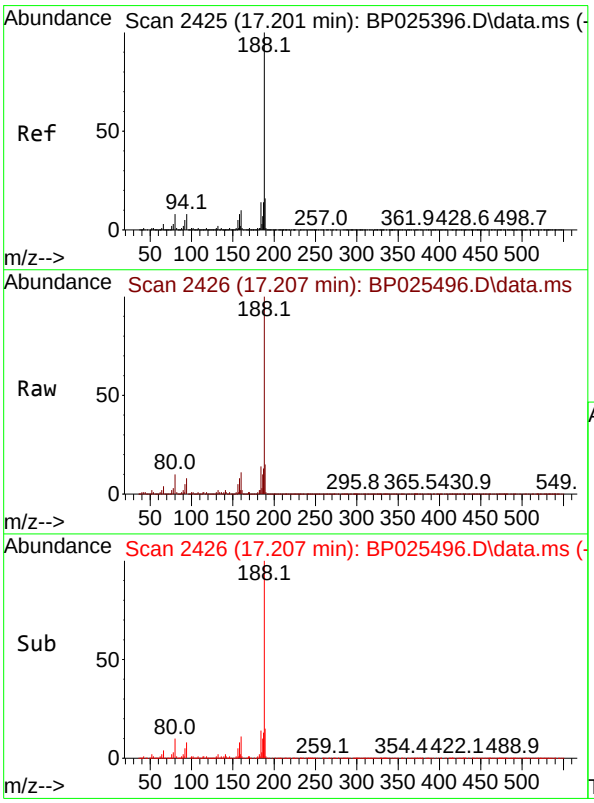
#45
2-Fluorobiphenyl
Concen: 73.897 ng
RT: 13.013 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:172 Resp: 2156296

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.3	18.6	28.0

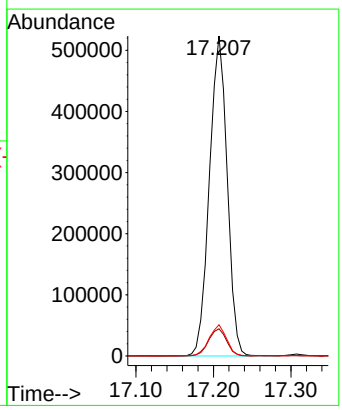


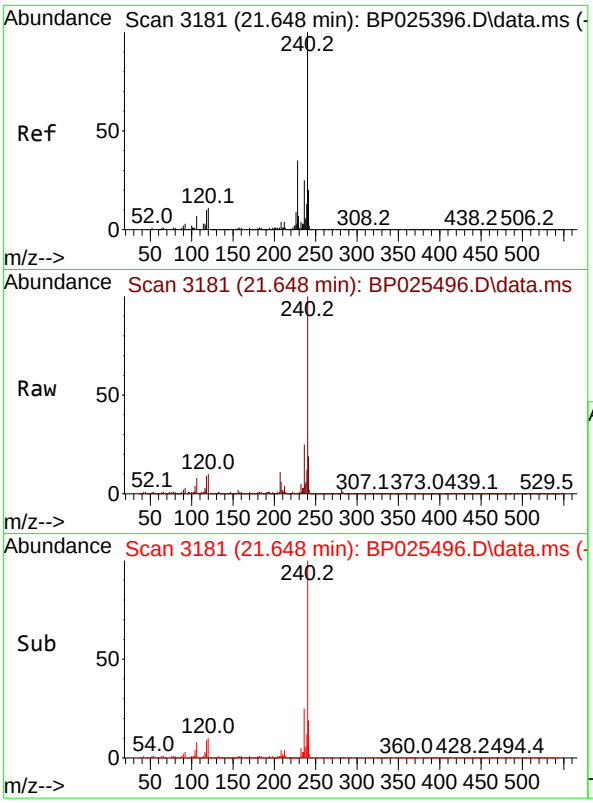


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:188 Resp: 832700

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.7	6.7	10.1



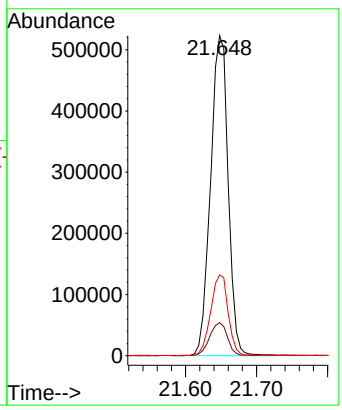


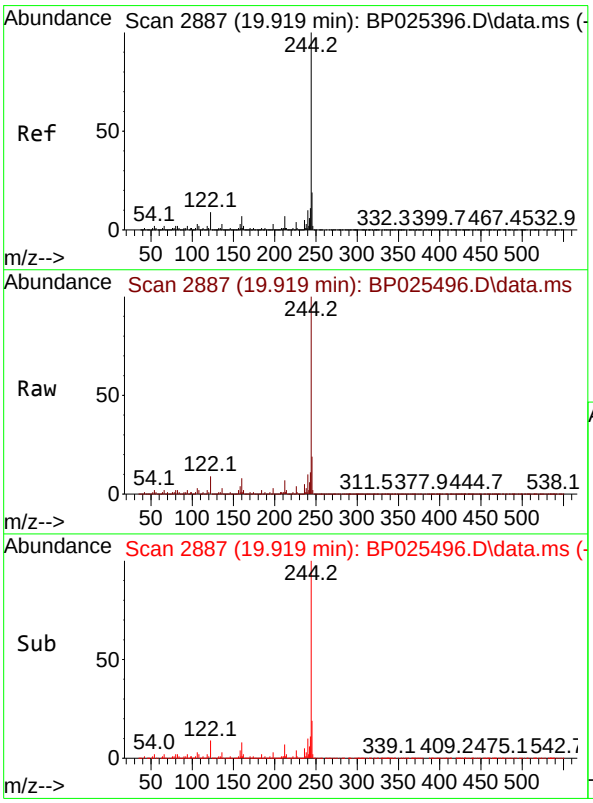
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:240 Resp: 898569

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.3	19.8	29.8

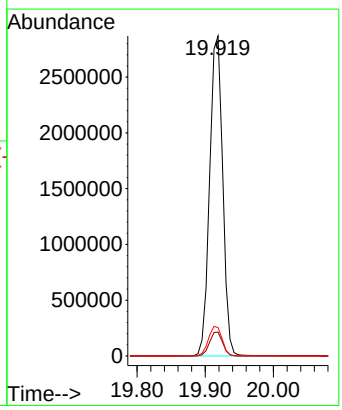


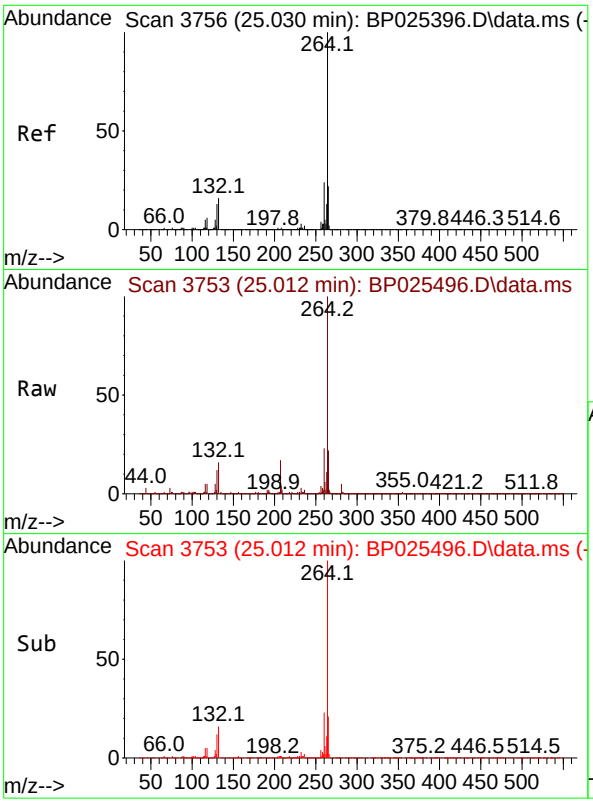


#79
Terphenyl-d14
Concen: 77.921 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:244 Resp: 3826982

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	8.9	7.4	11.2



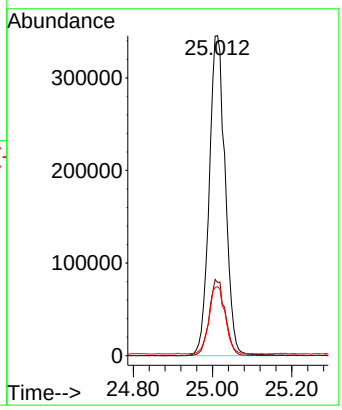


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:264 Resp: 966954

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.6	17.4	26.0



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	35	rVB	2795849	3546886	34.20%	4.434%
2	3.561	98	106	116	rVB	84885	140451	1.35%	0.176%
3	4.949	334	342	345	rBV	140964	208626	2.01%	0.261%
4	5.408	413	420	428	rBV	1457940	2145788	20.69%	2.683%
5	6.331	565	577	581	rBV4	58884	138534	1.34%	0.173%
6	6.961	677	684	691	rBV	954533	1657543	15.98%	2.072%
7	7.025	691	695	701	rVB	100646	152733	1.47%	0.191%
8	7.190	718	723	730	rBV	248838	367055	3.54%	0.459%
9	7.790	817	825	831	rVB	570410	959995	9.26%	1.200%
10	7.902	839	844	853	rVB2	560532	1012601	9.76%	1.266%
11	8.096	867	877	882	rVV2	77162	177432	1.71%	0.222%
12	8.155	882	887	893	rVB2	64916	108244	1.04%	0.135%
13	8.278	902	908	913	rBV	216539	360462	3.48%	0.451%
14	8.419	927	932	937	rBV	180328	257857	2.49%	0.322%
15	8.472	937	941	949	rVB	109941	183921	1.77%	0.230%
16	8.584	951	960	964	rBV	190022	332739	3.21%	0.416%
17	8.884	1001	1011	1014	rBV	627015	1114802	10.75%	1.394%
18	8.925	1014	1018	1022	rVV	1463091	2202696	21.24%	2.754%
19	9.125	1043	1052	1060	rBV7	168936	470490	4.54%	0.588%
20	9.213	1060	1067	1073	rBV4	229076	538875	5.20%	0.674%
21	9.360	1084	1092	1094	rBV4	91940	195015	1.88%	0.244%
22	9.402	1094	1099	1104	rVV	475565	774900	7.47%	0.969%
23	9.454	1104	1108	1113	rVV2	436312	660546	6.37%	0.826%
24	9.649	1132	1141	1146	rBV2	163810	381291	3.68%	0.477%
25	9.696	1146	1149	1154	rVV3	66000	107652	1.04%	0.135%
26	9.760	1154	1160	1168	rVV5	297054	682125	6.58%	0.853%
27	9.849	1172	1175	1179	rVB	86168	114632	1.11%	0.143%
28	9.966	1187	1195	1201	rVV2	1289819	2270886	21.90%	2.839%
29	10.031	1201	1206	1215	rVB2	160833	284359	2.74%	0.356%
30	10.125	1215	1222	1223	rBV3	125489	186876	1.80%	0.234%
31	10.149	1223	1226	1230	rVV3	163836	273871	2.64%	0.342%
32	10.196	1230	1234	1240	rVV	221289	353008	3.40%	0.441%
33	10.260	1240	1245	1255	rVB	183237	323933	3.12%	0.405%
34	10.437	1270	1275	1278	rBV5	93525	186055	1.79%	0.233%
35	10.554	1286	1295	1300	rBV2	844034	1725365	16.64%	2.157%
36	10.607	1300	1304	1311	rVV4	238504	554491	5.35%	0.693%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.672	1311	1315	1321	rVV2	218368	387886	3.74%	0.485%
38	10.725	1321	1324	1329	rVV2	132582	225366	2.17%	0.282%
39	10.778	1329	1333	1341	rVB	152474	265836	2.56%	0.332%
40	10.866	1342	1348	1352	rVB2	133561	204465	1.97%	0.256%
41	10.925	1352	1358	1363	rBV3	169123	307084	2.96%	0.384%
42	11.019	1371	1374	1384	rVB2	124048	240191	2.32%	0.300%
43	11.143	1389	1395	1397	rBV3	120093	211706	2.04%	0.265%
44	11.254	1406	1414	1422	rVB6	298118	719924	6.94%	0.900%
45	11.331	1422	1427	1432	rVB4	92895	175945	1.70%	0.220%
46	11.396	1434	1438	1444	rVB6	61782	123302	1.19%	0.154%
47	11.466	1444	1450	1458	rBV4	198115	432967	4.18%	0.541%
48	11.590	1466	1471	1475	rBV	293938	431054	4.16%	0.539%
49	11.666	1479	1484	1489	rVB	282195	479323	4.62%	0.599%
50	11.748	1493	1498	1506	rVB	330133	524124	5.05%	0.655%
51	11.884	1518	1521	1526	rVB	103259	143220	1.38%	0.179%
52	11.943	1526	1531	1533	rBV2	93752	145218	1.40%	0.182%
53	12.107	1552	1559	1565	rVV3	290457	544943	5.25%	0.681%
54	12.184	1565	1572	1582	rVB4	158564	467978	4.51%	0.585%
55	12.437	1608	1615	1619	rBV	943407	1587516	15.31%	1.985%
56	12.613	1639	1645	1647	rBV5	80080	162092	1.56%	0.203%
57	12.684	1654	1657	1661	rVB3	95006	141949	1.37%	0.177%
58	12.731	1661	1665	1671	rVB6	79708	167209	1.61%	0.209%
59	12.937	1694	1700	1706	rVV4	403959	736387	7.10%	0.921%
60	13.013	1706	1713	1719	rVB	4410447	6312945	60.88%	7.893%
61	13.231	1745	1750	1757	rVB3	86309	199946	1.93%	0.250%
62	13.337	1762	1768	1773	rVB4	127375	268133	2.59%	0.335%
63	13.448	1783	1787	1794	rVB	157963	273711	2.64%	0.342%
64	13.566	1801	1807	1817	rBV	656747	1604413	15.47%	2.006%
65	13.719	1827	1833	1838	rVV	1158699	2082240	20.08%	2.603%
66	13.772	1838	1842	1849	rVB	933198	1387495	13.38%	1.735%
67	13.901	1857	1864	1868	rVV2	314033	433704	4.18%	0.542%
68	13.960	1868	1874	1877	rVV	505809	820042	7.91%	1.025%
69	13.990	1877	1879	1884	rVV	233769	280784	2.71%	0.351%
70	14.125	1898	1902	1910	rVB	227733	364081	3.51%	0.455%
71	14.248	1920	1923	1929	rVB5	68356	114810	1.11%	0.144%
72	14.313	1930	1934	1938	rVB	94395	124903	1.20%	0.156%
73	14.401	1942	1949	1955	rBV	1195820	1855905	17.90%	2.320%
74	14.619	1981	1986	1994	rVV	102341	258748	2.50%	0.323%
75	14.819	2013	2020	2026	rVB2	204301	402589	3.88%	0.503%
76	14.890	2027	2032	2038	rVV	237155	329370	3.18%	0.412%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.948	2038	2042	2048	rVV5	82630	121507	1.17%	0.152%
78	15.031	2050	2056	2061	rVV	153804	280272	2.70%	0.350%
79	15.089	2061	2066	2071	rVB	118130	192905	1.86%	0.241%
80	15.213	2079	2087	2089	rBV4	113548	283888	2.74%	0.355%
81	15.242	2089	2092	2096	rVB	96487	120191	1.16%	0.150%
82	15.337	2102	2108	2124	rVV	1008847	2026829	19.55%	2.534%
83	15.466	2125	2130	2134	rVV2	129572	220487	2.13%	0.276%
84	15.689	2163	2168	2173	rBV	108497	150264	1.45%	0.188%
85	15.778	2178	2183	2192	rVB	251185	396774	3.83%	0.496%
86	15.919	2200	2207	2216	rBV	3815367	5473335	52.78%	6.843%
87	16.160	2243	2248	2250	rBV3	98615	145980	1.41%	0.183%
88	16.189	2250	2253	2257	rVB	100148	153280	1.48%	0.192%
89	16.319	2271	2275	2279	rBV	96631	136808	1.32%	0.171%
90	16.378	2280	2285	2293	rVB2	212255	403832	3.89%	0.505%
91	17.207	2419	2426	2438	rVB	1350466	2168728	20.91%	2.711%
92	18.142	2580	2585	2594	rBV	329196	485618	4.68%	0.607%
93	19.383	2792	2796	2801	rVB	93297	117399	1.13%	0.147%
94	19.466	2806	2810	2818	rBV2	121721	188961	1.82%	0.236%
95	19.630	2834	2838	2844	rVB	212734	256995	2.48%	0.321%
96	19.919	2881	2887	2894	rBV	7662662	10370006	100.00%	12.965%
97	20.719	3019	3023	3029	rBV2	164608	215586	2.08%	0.270%
98	21.319	3121	3125	3134	rVB5	85310	137120	1.32%	0.171%
99	21.648	3175	3181	3188	rVB2	1397118	2373940	22.89%	2.968%
100	25.007	3745	3752	3764	rVB	887296	2471458	23.83%	3.090%

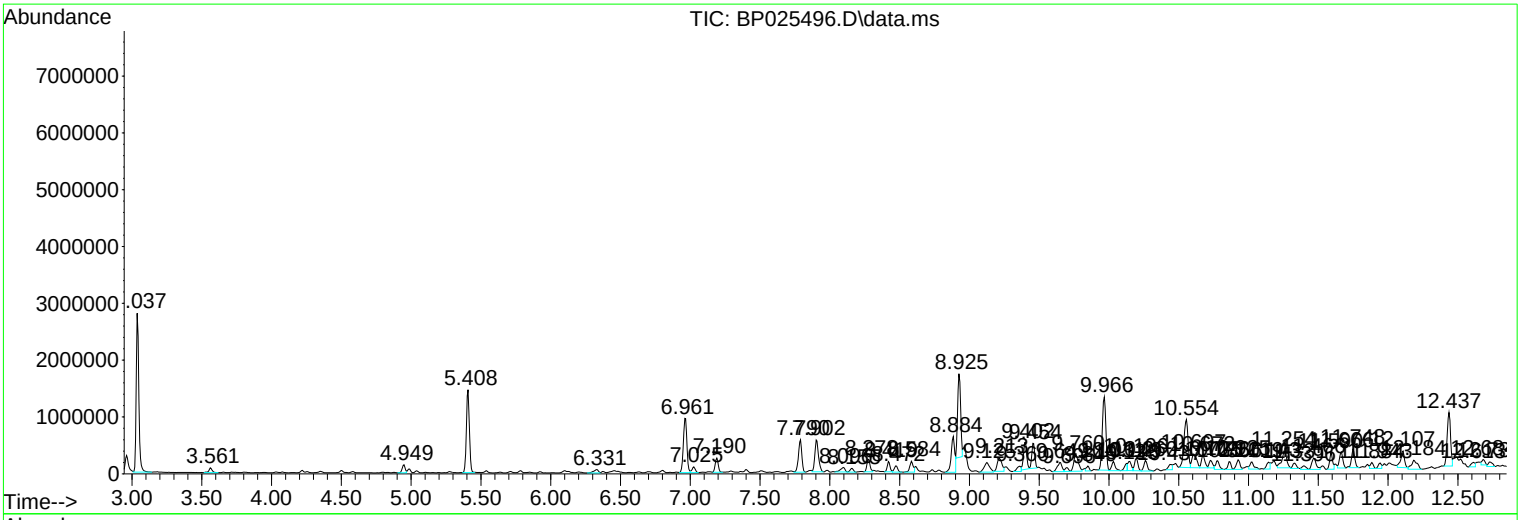
Sum of corrected areas: 79984402

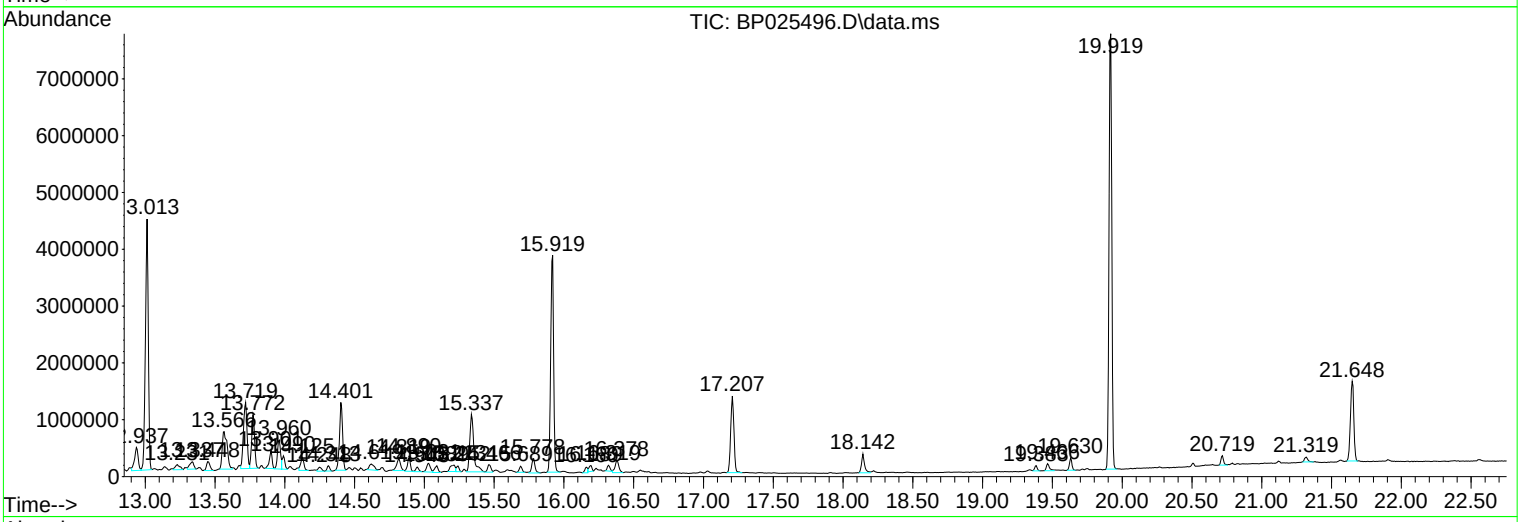
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

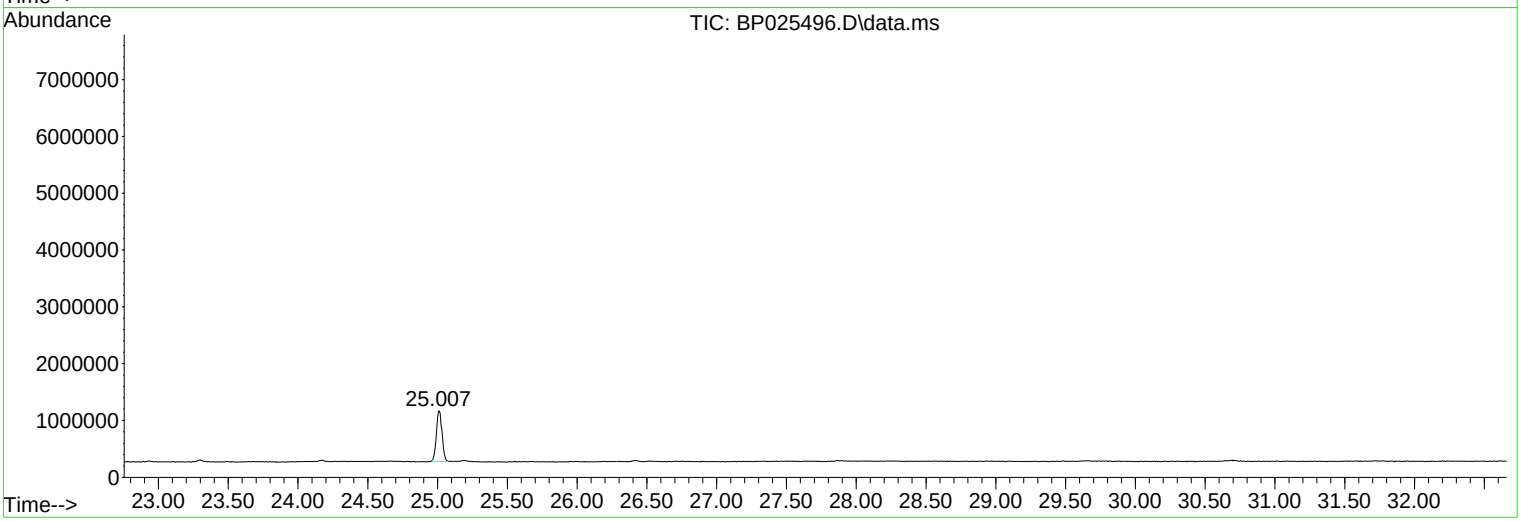
Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

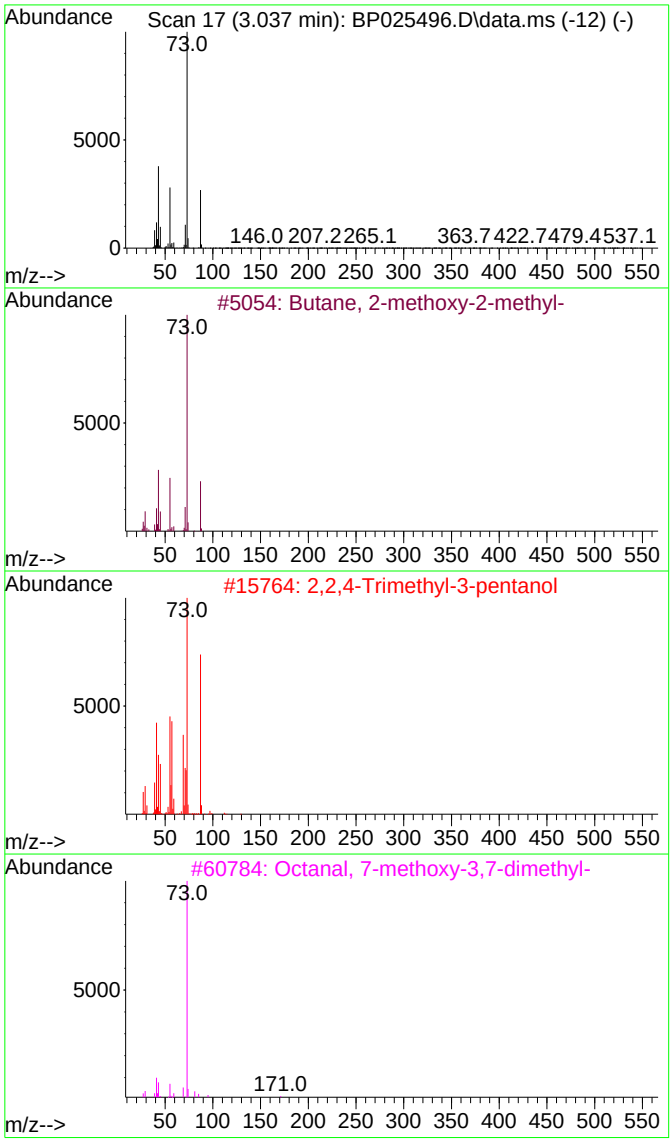
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

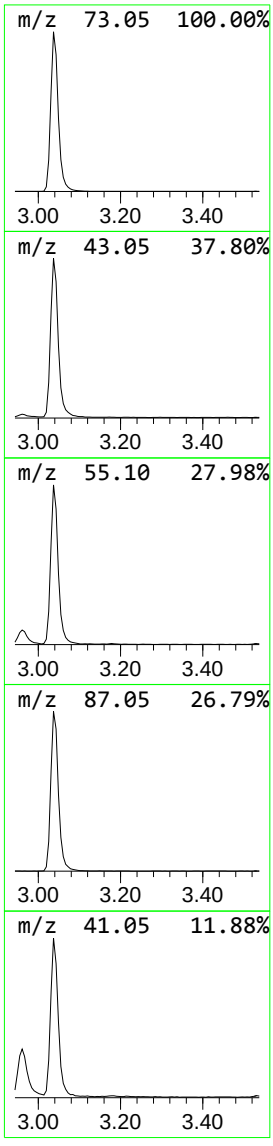
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	73.89 ng	3546890	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

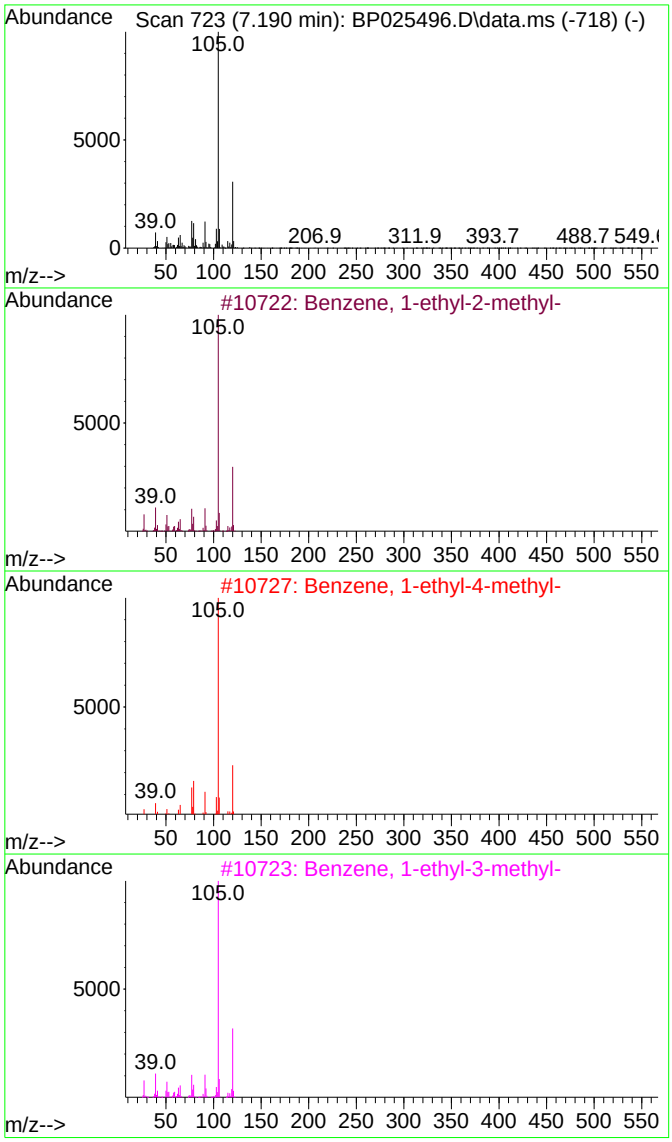
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

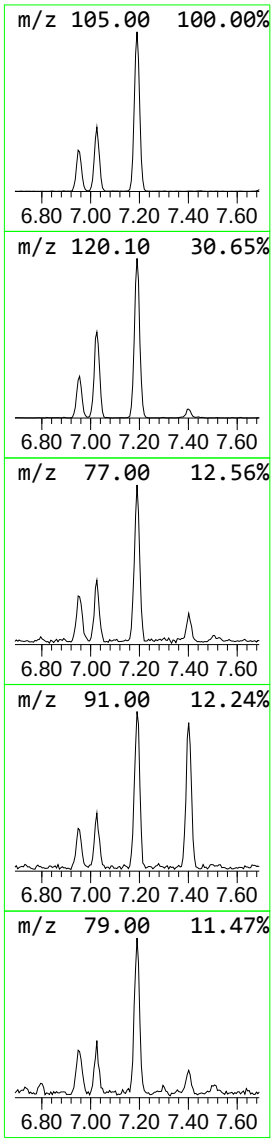
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.190	7.65 ng	367055	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

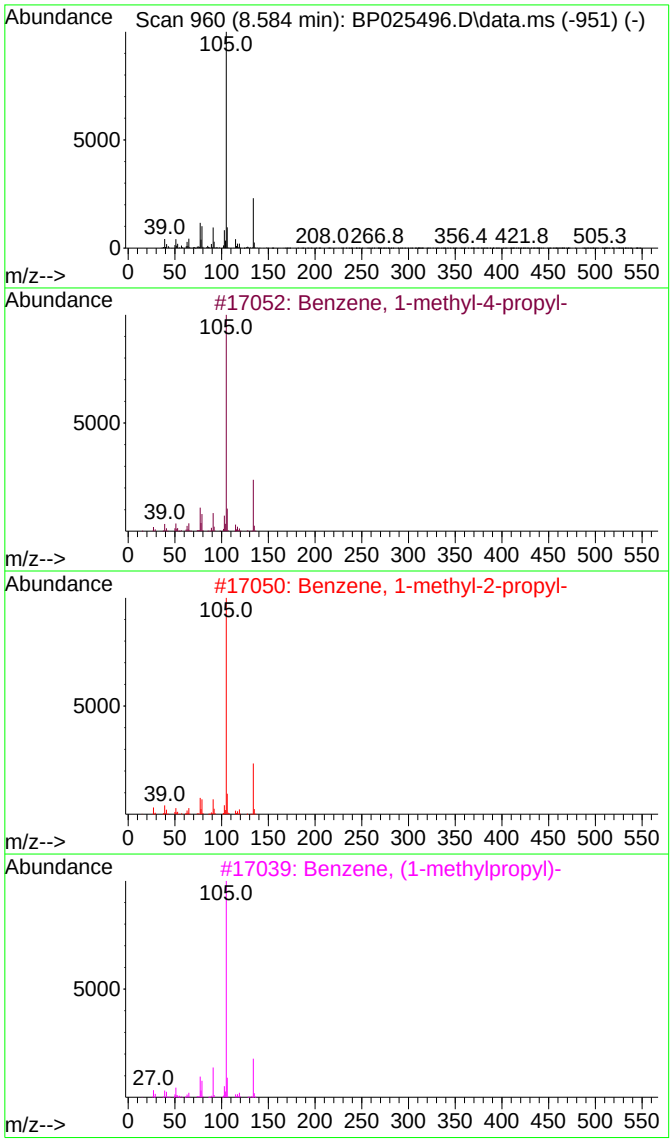
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

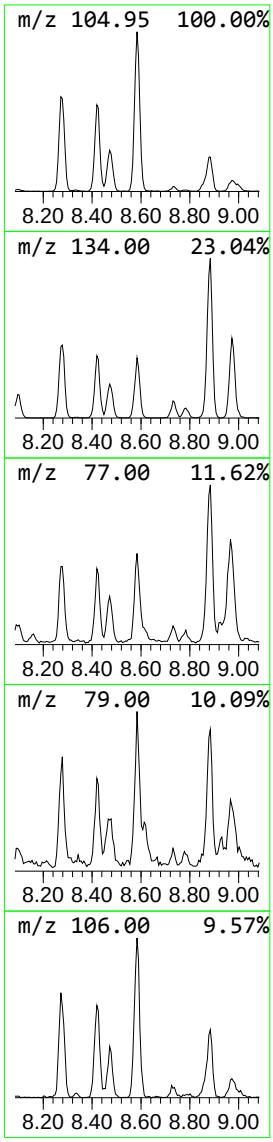
****

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.584	6.93 ng	332739	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

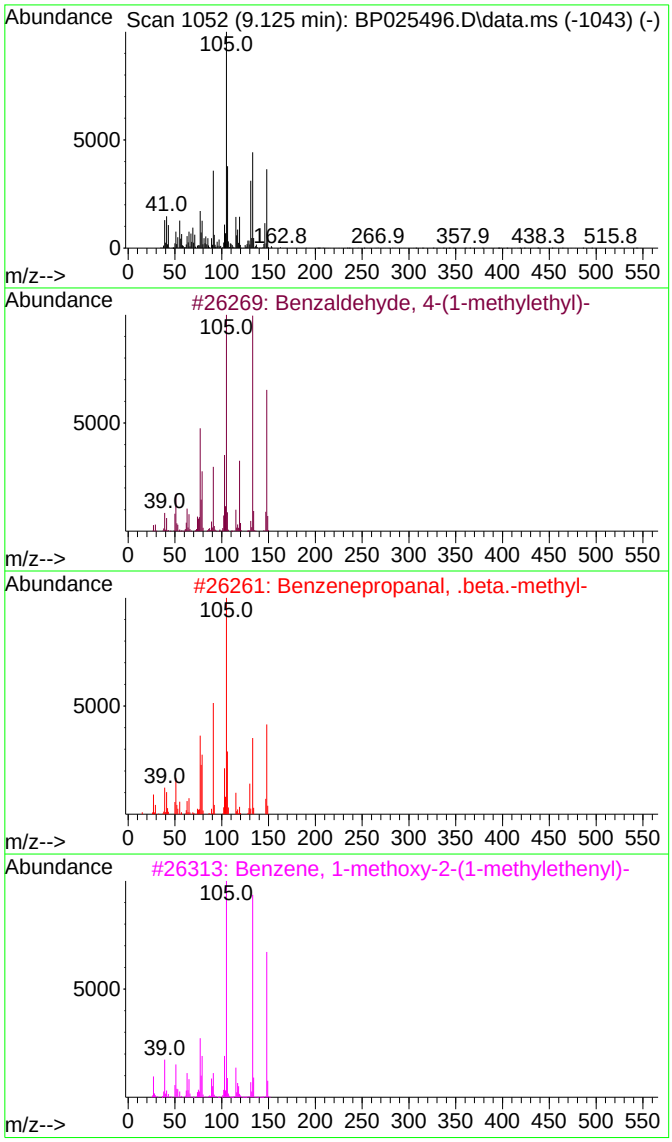
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

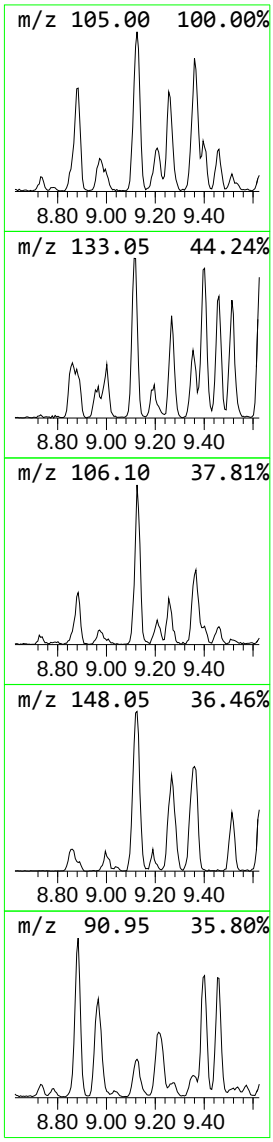
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 4-(1-methylet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.125	9.80 ng	470490	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	62
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	52
3	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	49
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
5	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

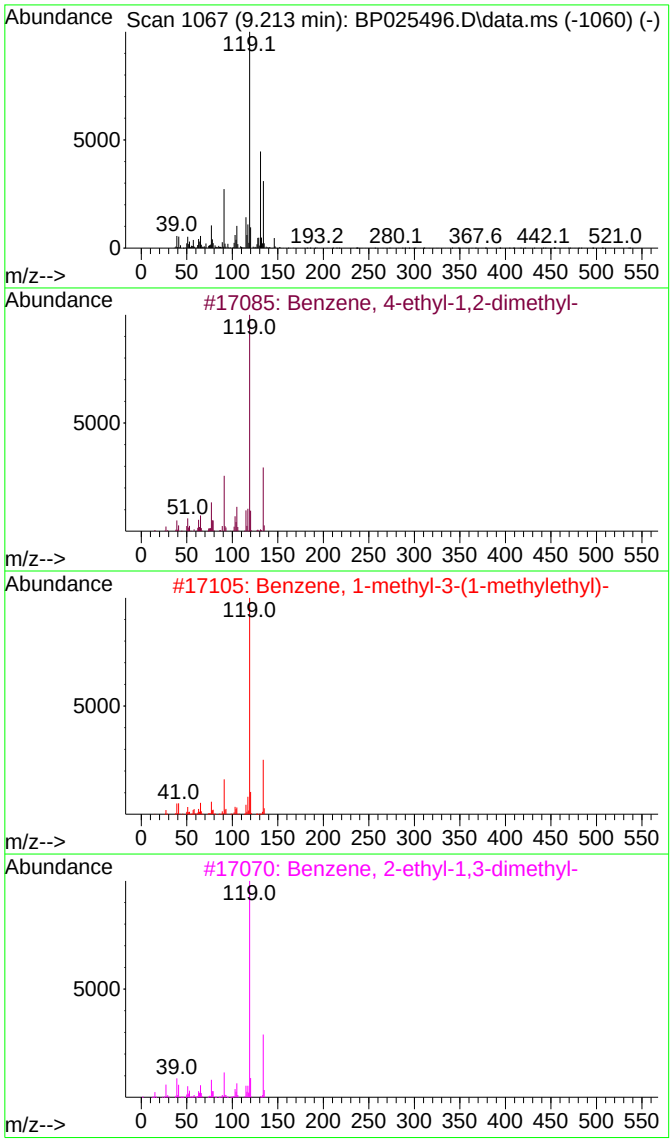
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

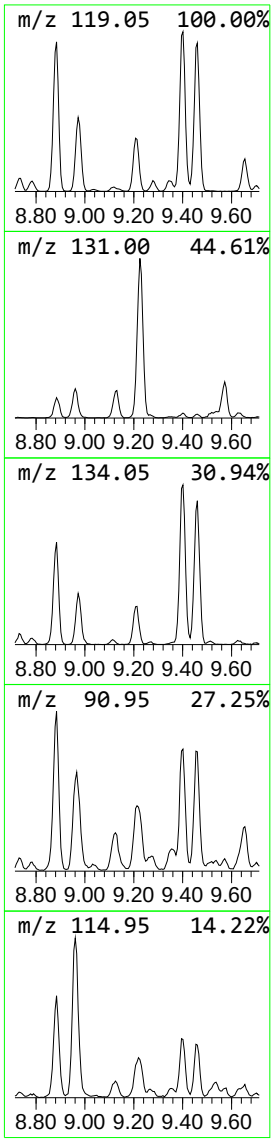
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.213	6.25 ng	538875	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

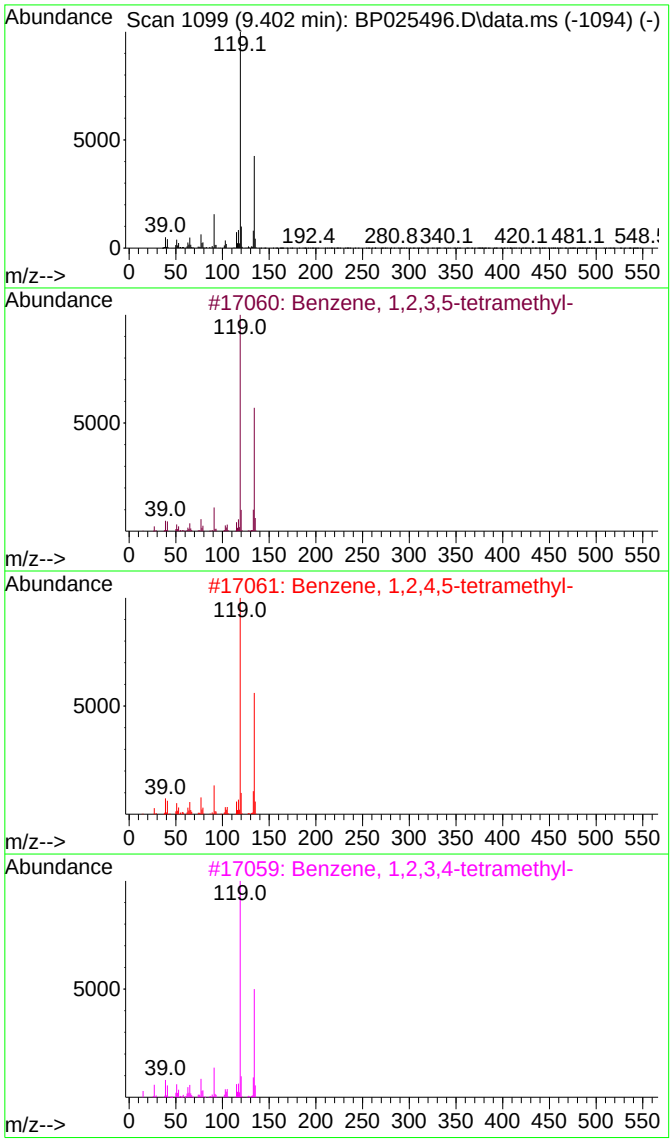
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

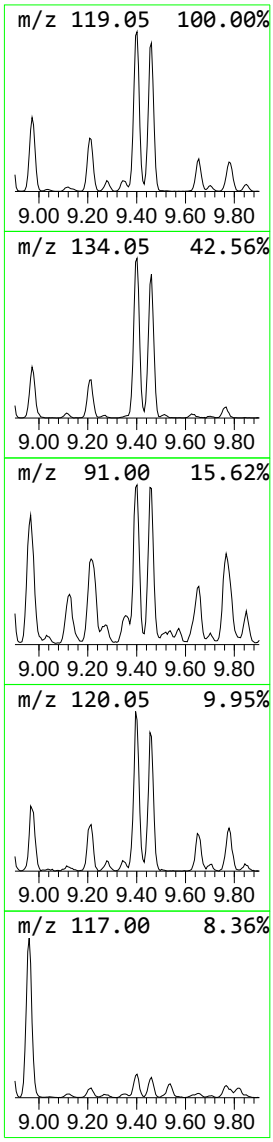
****

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.402	8.98 ng	774900	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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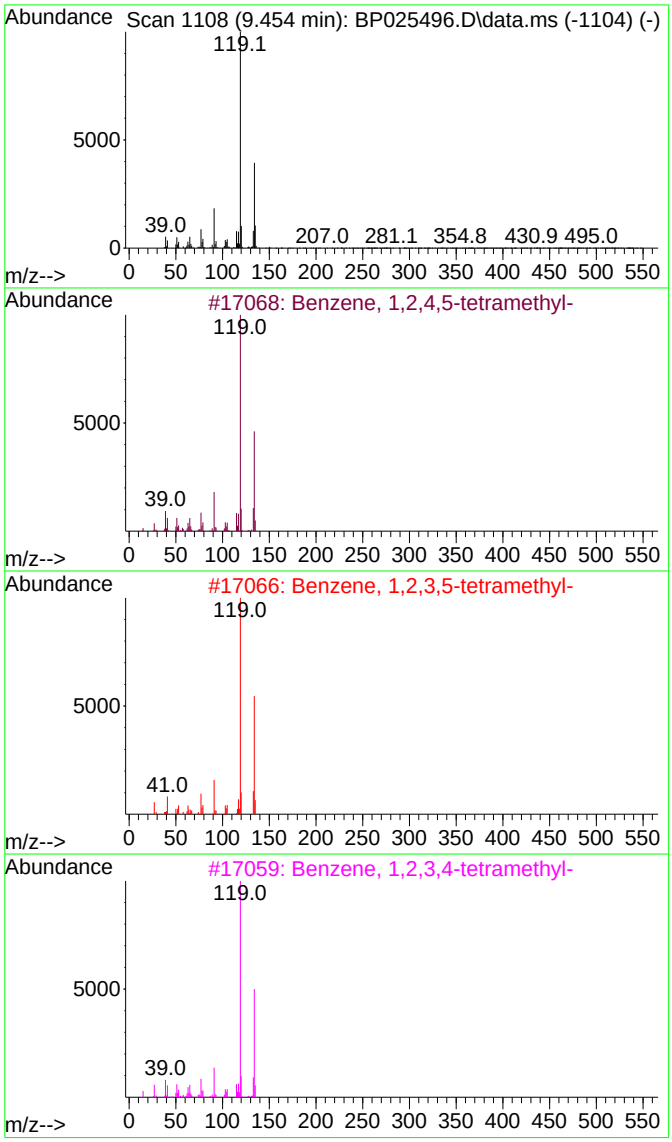
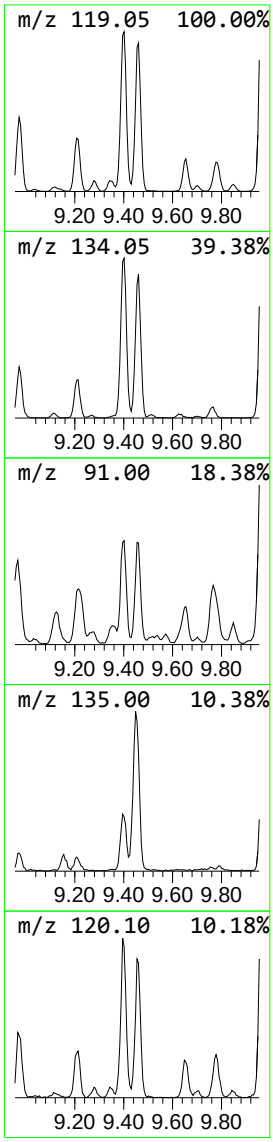
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.454	7.66 ng	660546	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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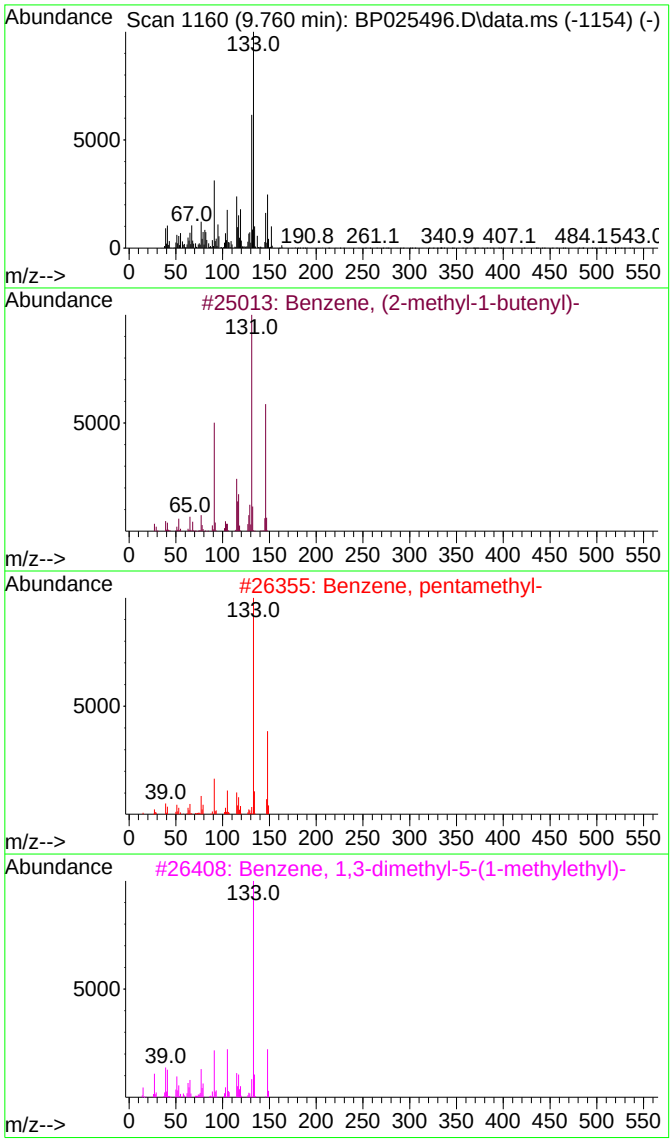
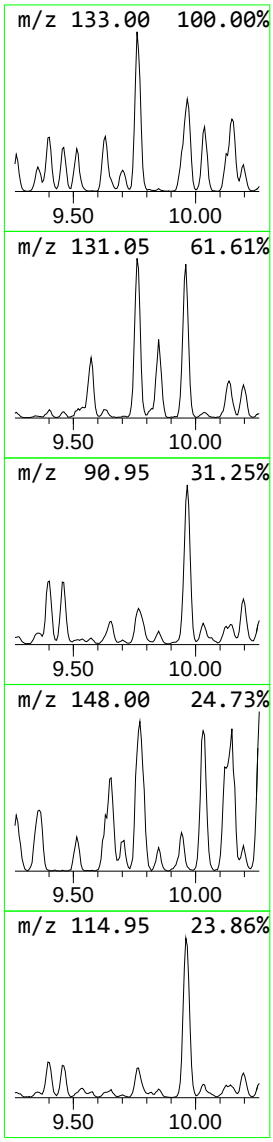
Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	7.91 ng	682125	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49





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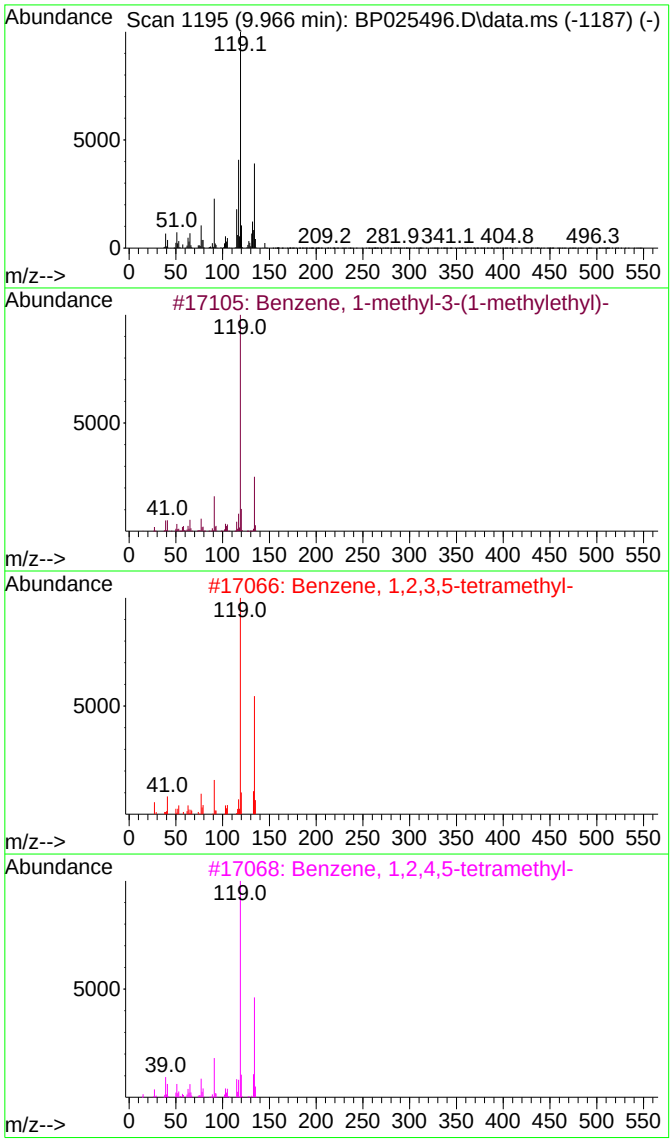
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

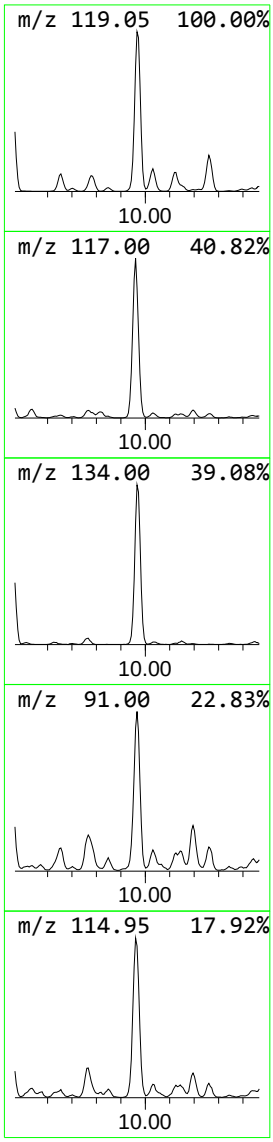
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.966	26.32 ng	2270890	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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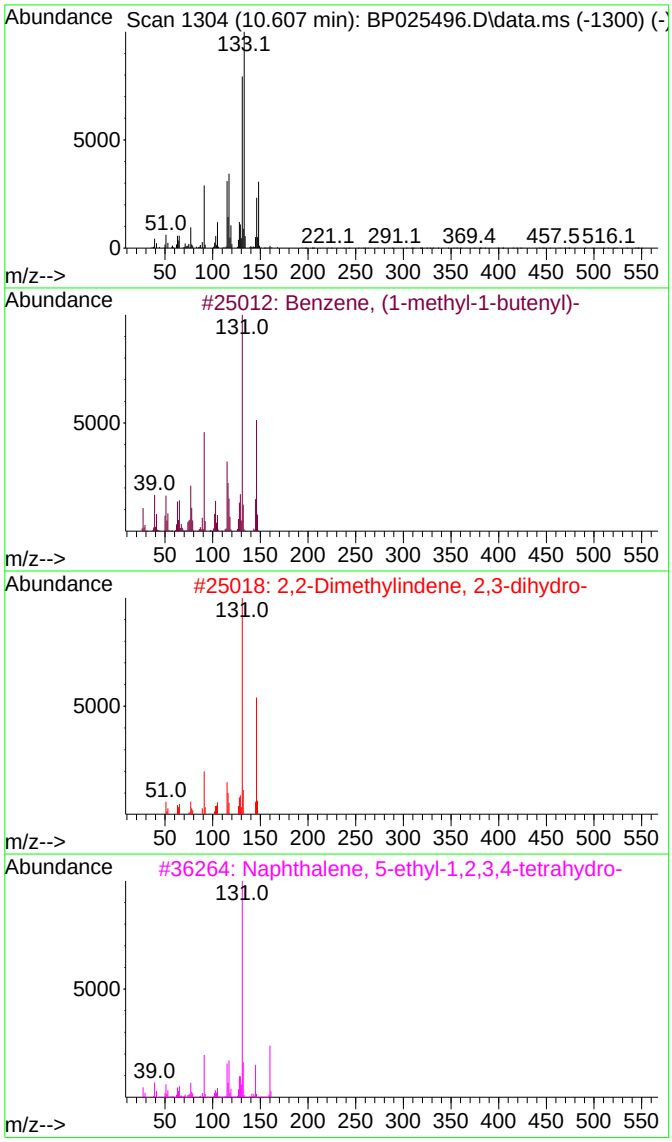
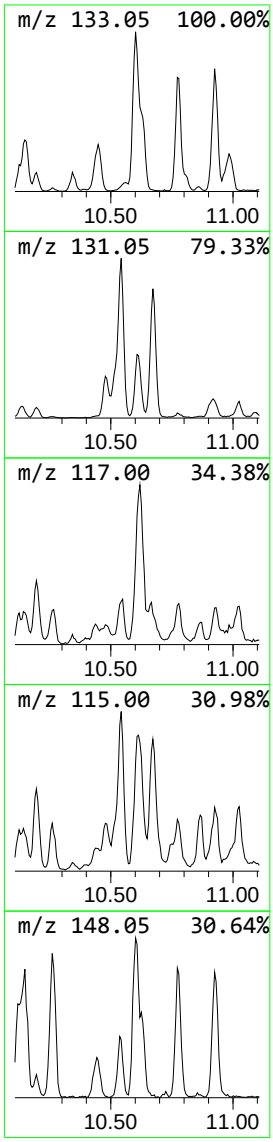
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.607	6.43 ng	554491	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
3	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	55
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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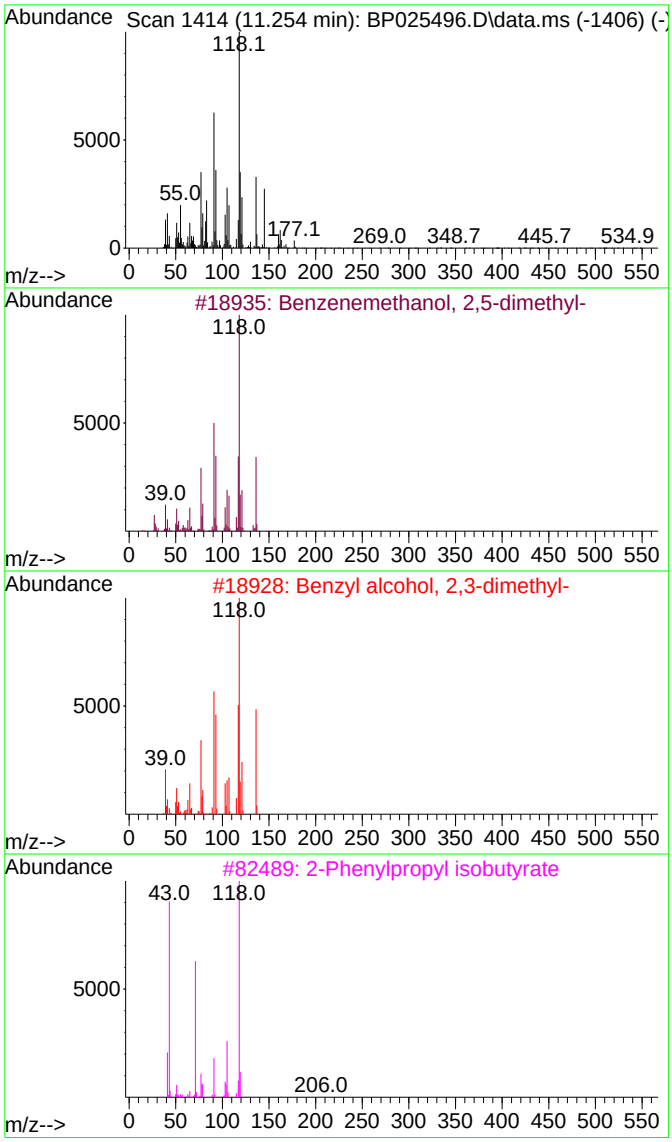
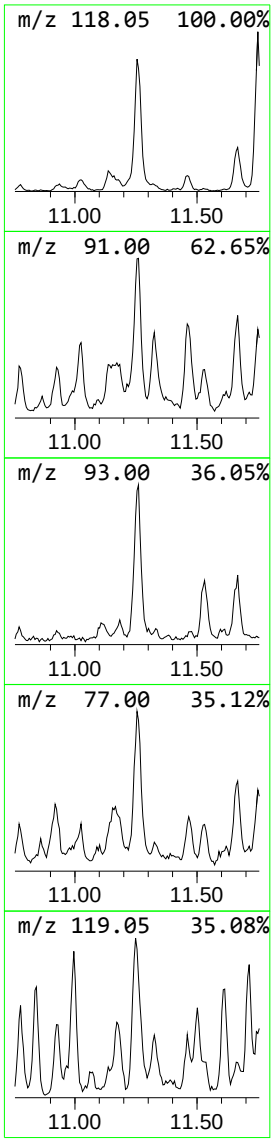
Peak Number 13 Benzenemethanol, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.254	8.35 ng	719924	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	86
2	Benzyl alcohol, 2,3-dimethyl-	136	C9H12O	013651-14-4	58
3	2-Phenylpropyl isobutyrate	206	C13H18O2	065813-53-8	38
4	Acetonitrile, 2-[4-(cyanomethyl)...	145	C8H7N3	1000197-65-1	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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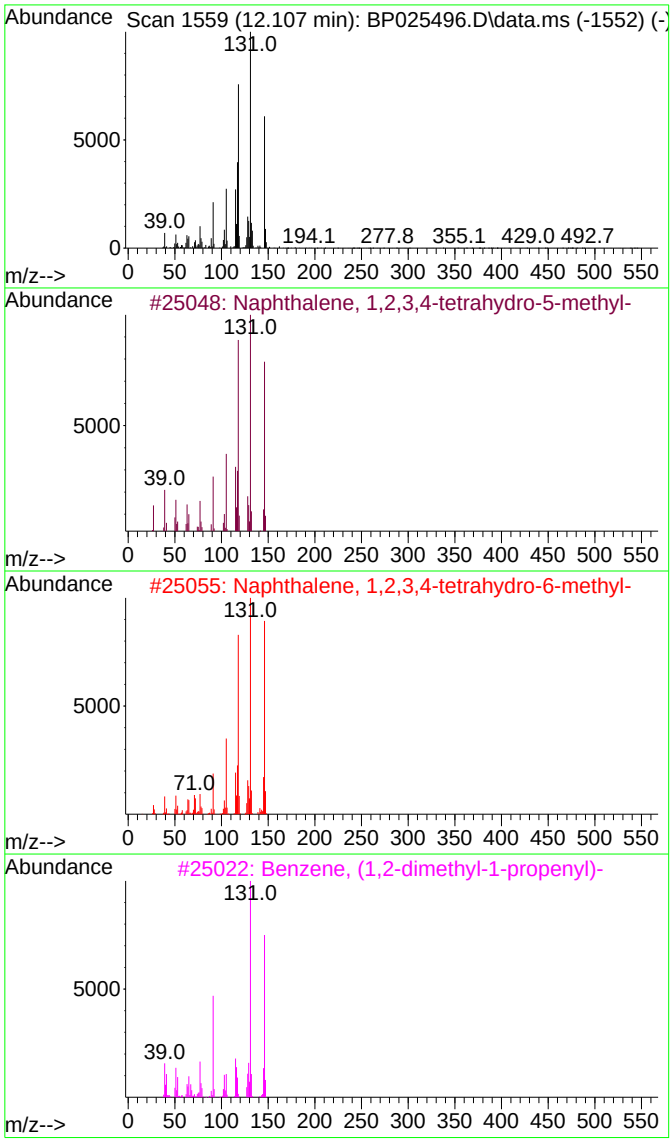
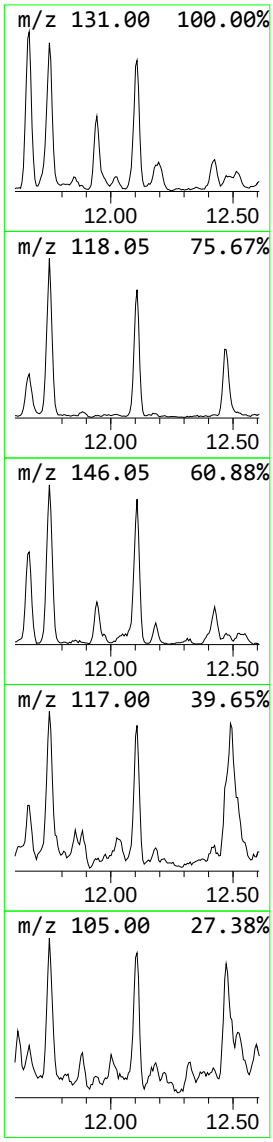
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.107	6.32 ng	544943	Naphthalene-d8	10.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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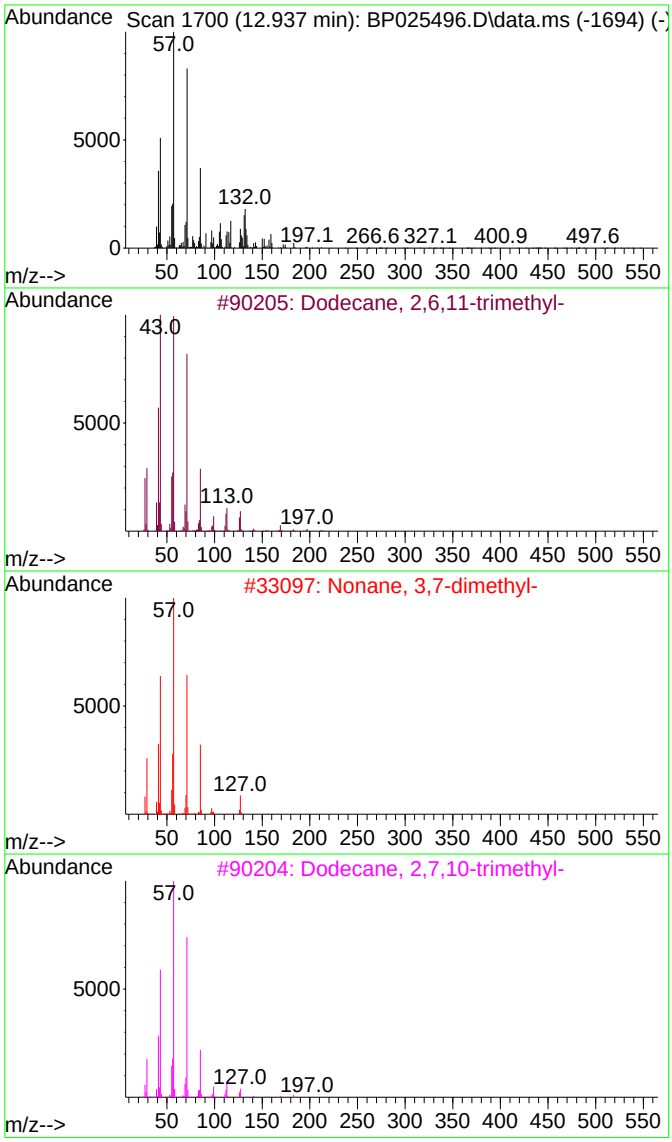
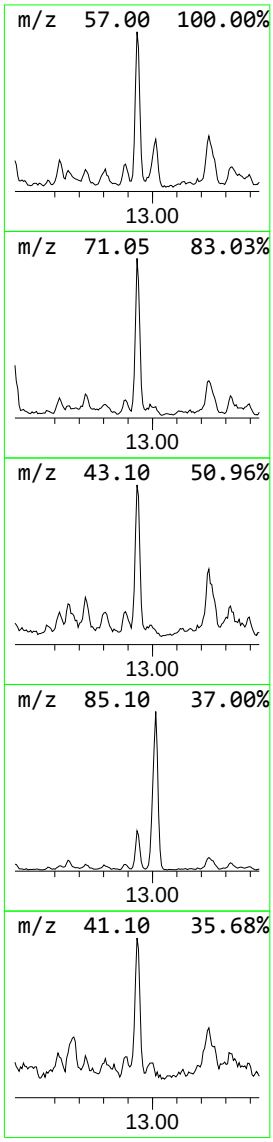
Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	7.94 ng	736387	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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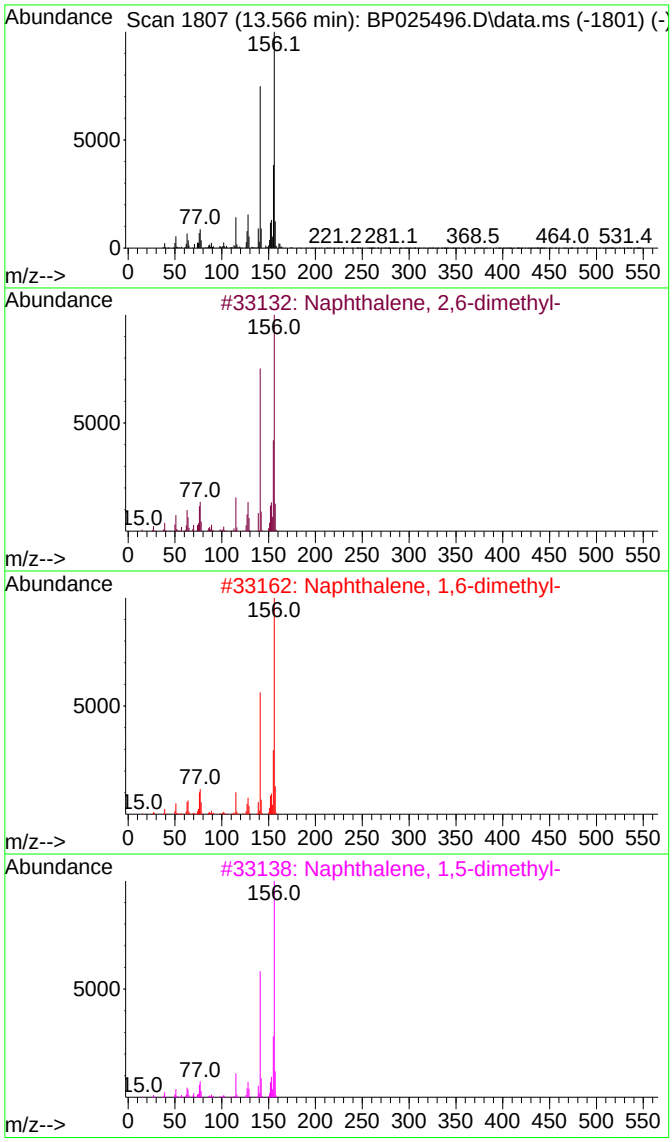
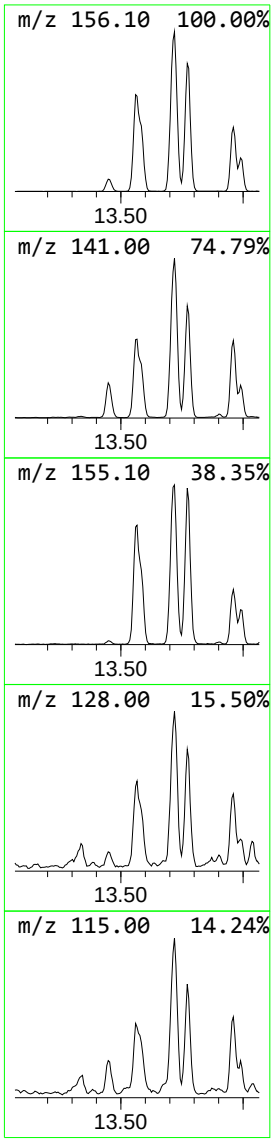
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.566	17.29 ng	1604410	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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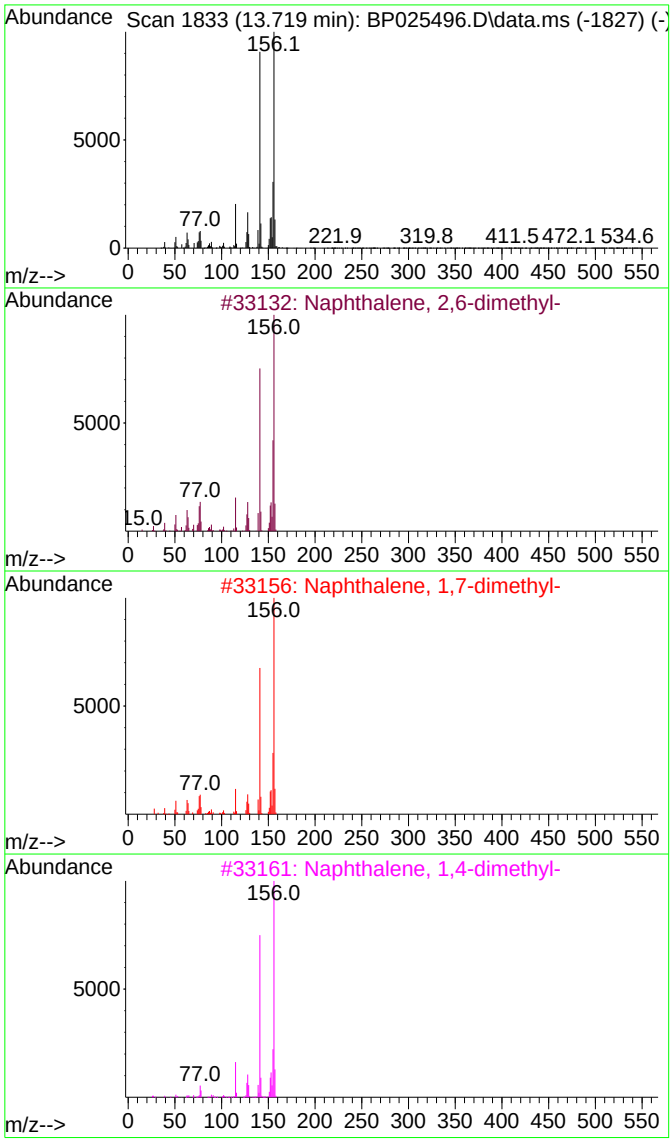
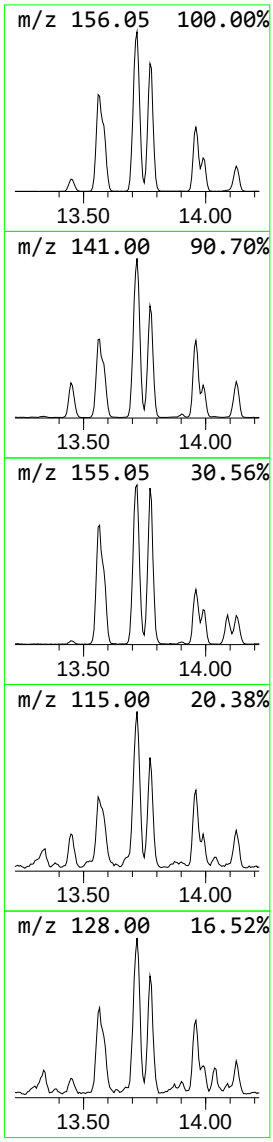
Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	22.44 ng	2082240	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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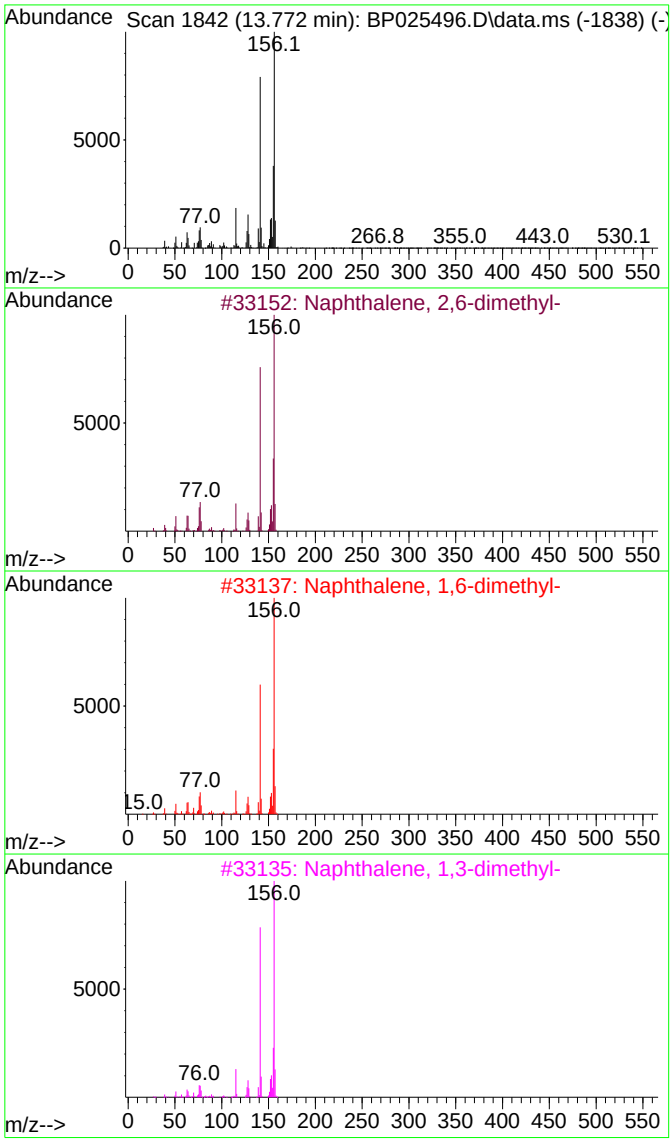
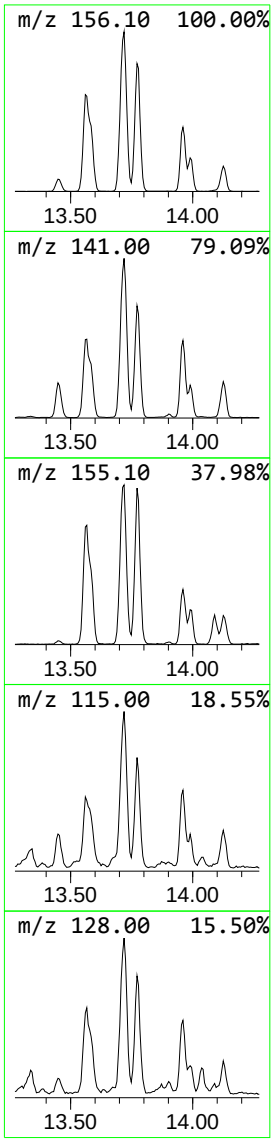
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.772	14.95 ng	1387500	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

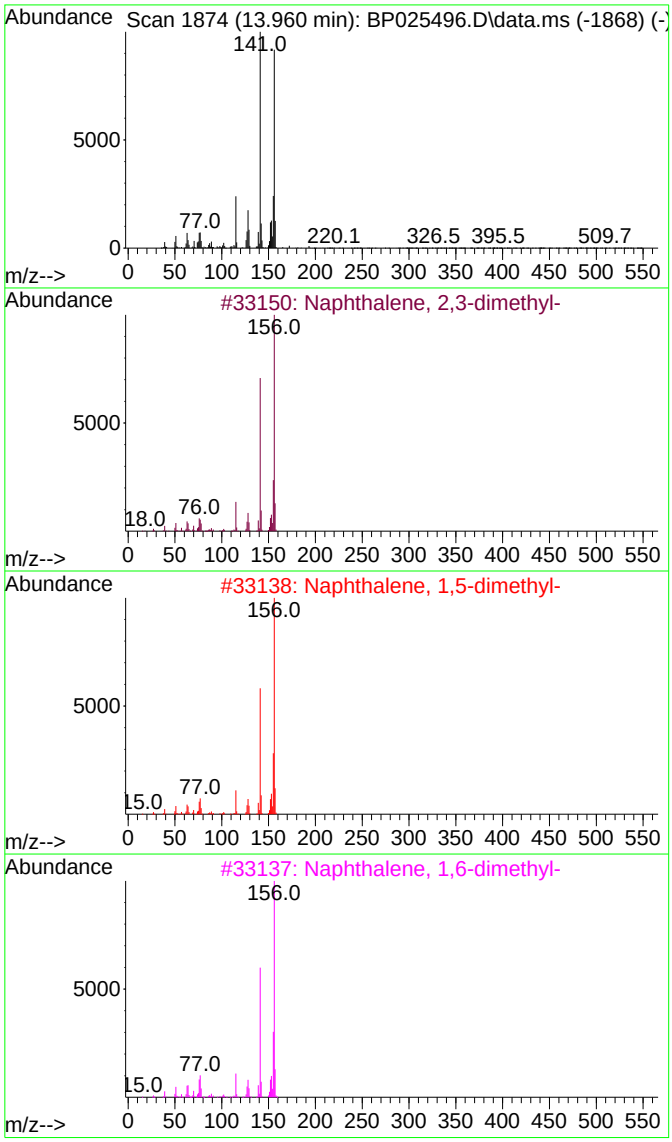
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

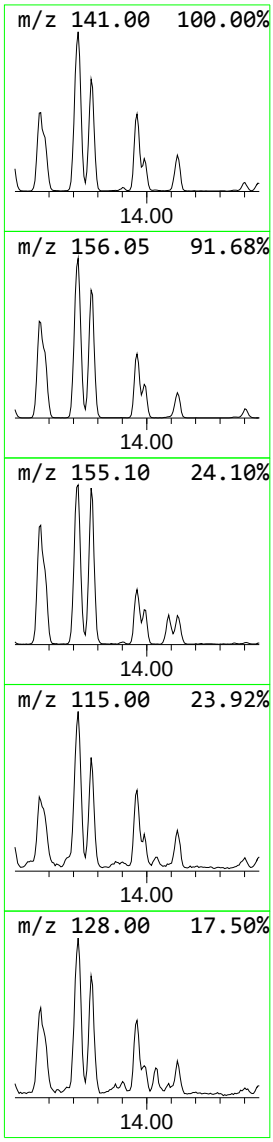
****

Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.960	8.84 ng	820042	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

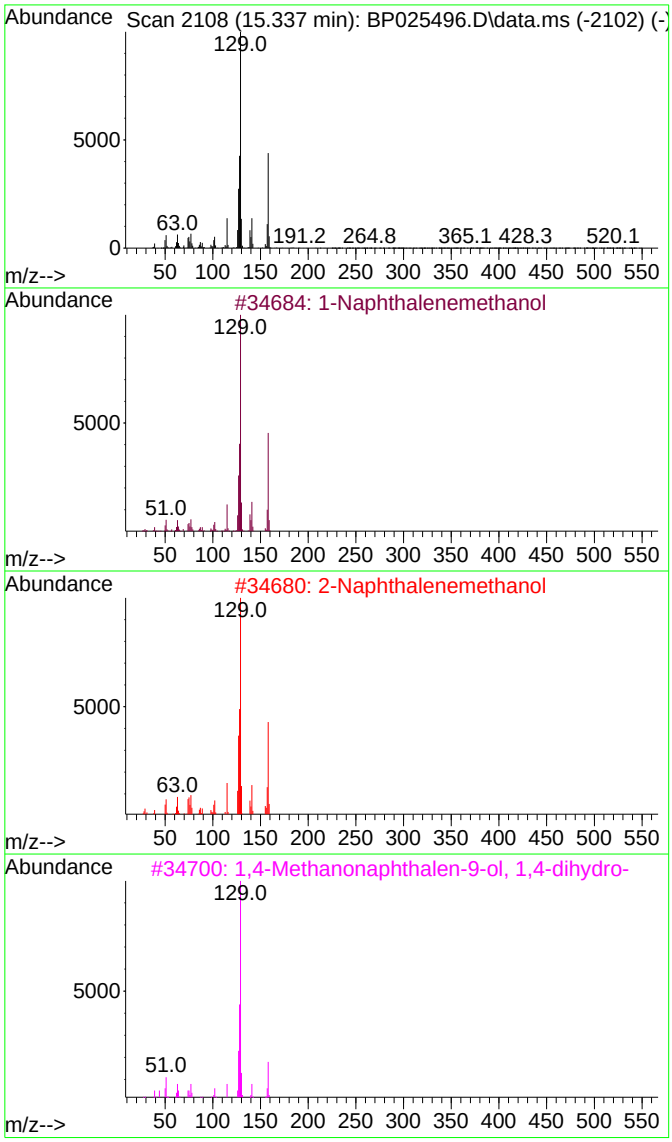
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

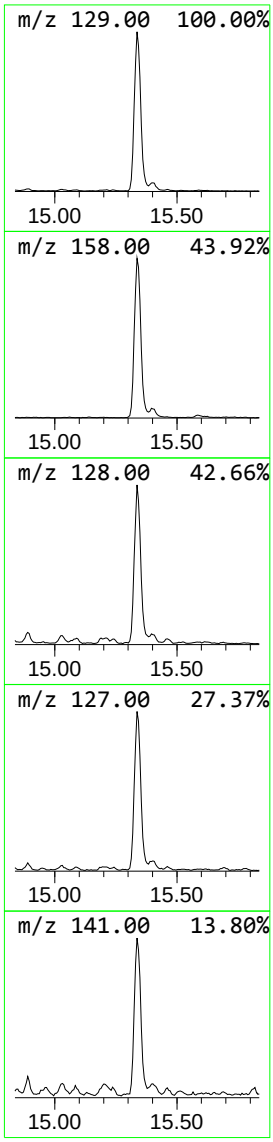
****

Peak Number 20 1-Naphthalenemethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.336	21.84 ng	2026830	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	98
2	2-Naphthalenemethanol	158	C11H10O	001592-38-7	95
3	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	80
4	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	72
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025496.D
Acq On : 20 Aug 2025 05:54
Operator : CG/JU
Sample : Q2825-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
Butane, 2-metho...	3.037	73.9	ng	3546890	1	7.790	959995	20.0
Benzene, 1-ethy...	7.190	7.7	ng	367055	1	7.790	959995	20.0
Benzene, 1-meth...	8.584	6.9	ng	332739	1	7.790	959995	20.0
Benzaldehyde, 4...	9.125	9.8	ng	470490	1	7.790	959995	20.0
Benzene, 4-ethy...	9.213	6.3	ng	538875	2	10.554	1725370	20.0
Benzene, 1,2,3,...	9.402	9.0	ng	774900	2	10.554	1725370	20.0
Benzene, 1,2,4,...	9.454	7.7	ng	660546	2	10.554	1725370	20.0
Benzene, (2-met...	9.760	7.9	ng	682125	2	10.554	1725370	20.0
Benzene, 1-meth...	9.966	26.3	ng	2270890	2	10.554	1725370	20.0
Benzene, (1-met...	10.607	6.4	ng	554491	2	10.554	1725370	20.0
Benzenemethanol...	11.254	8.3	ng	719924	2	10.554	1725370	20.0
Naphthalene, 1,...	12.107	6.3	ng	544943	2	10.554	1725370	20.0
Dodecane, 2,6,1...	12.937	7.9	ng	736387	3	14.401	1855910	20.0
Naphthalene, 2,...	13.566	17.3	ng	1604410	3	14.401	1855910	20.0
Naphthalene, 1,...	13.719	22.4	ng	2082240	3	14.401	1855910	20.0
Naphthalene, 1,...	13.772	14.9	ng	1387500	3	14.401	1855910	20.0
Naphthalene, 2,...	13.960	8.8	ng	820042	3	14.401	1855910	20.0
1-Naphthaleneme...	15.336	21.8	ng	2026830	3	14.401	1855910	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Time: Aug 15 12:23:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

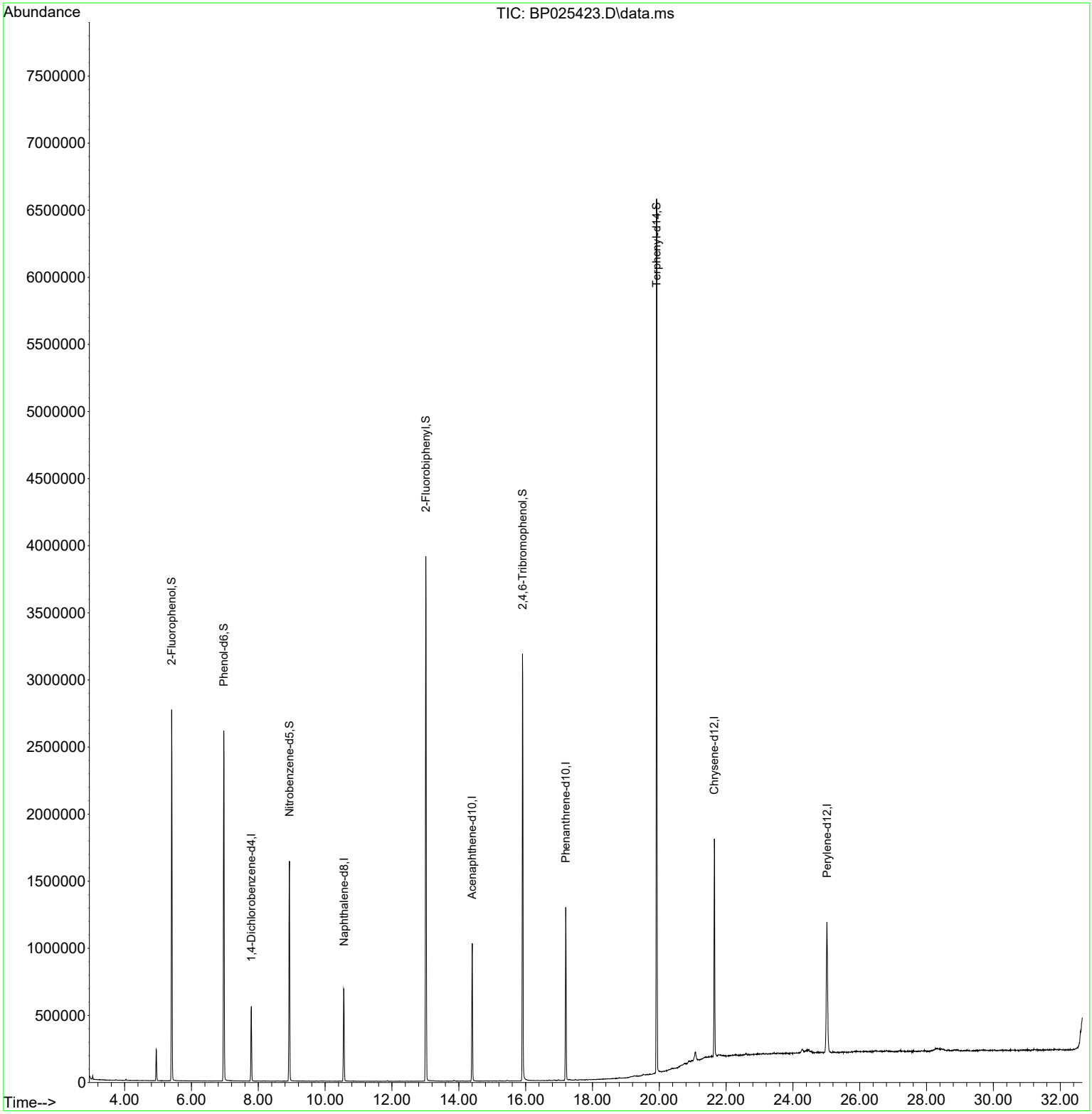
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	154254	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	595195	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	376083	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	774408	20.000	ng	0.00
76) Chrysene-d12	21.648	240	884552	20.000	ng	0.00
86) Perylene-d12	25.018	264	1011782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1149849	123.793	ng	0.00
7) Phenol-d6	6.966	99	1408266	118.256	ng	0.00
23) Nitrobenzene-d5	8.931	82	907799	77.154	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	647097	127.831	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2127638	77.318	ng	0.00
79) Terphenyl-d14	19.919	244	3588103	74.215	ng	0.00
Target Compounds						Qvalue

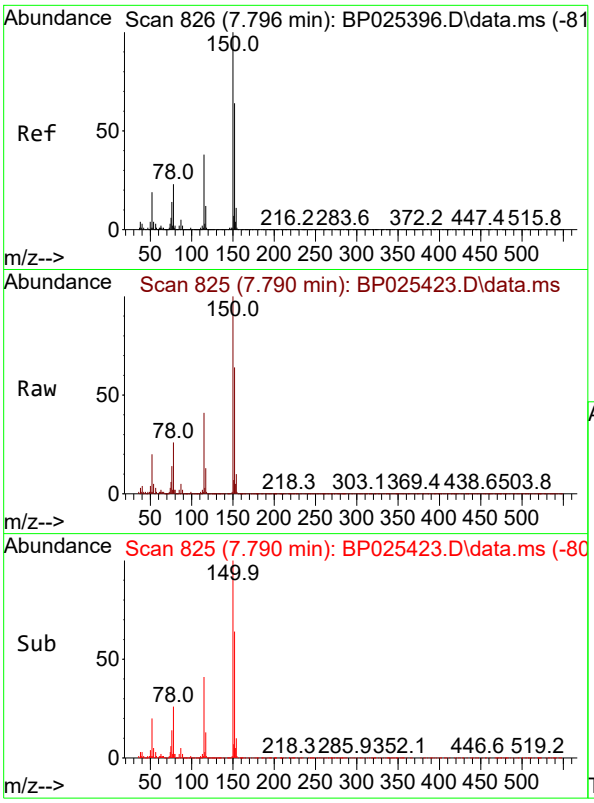
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Time: Aug 15 12:23:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



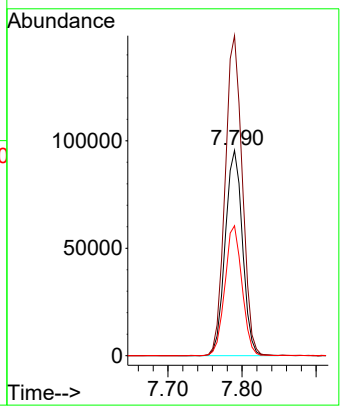


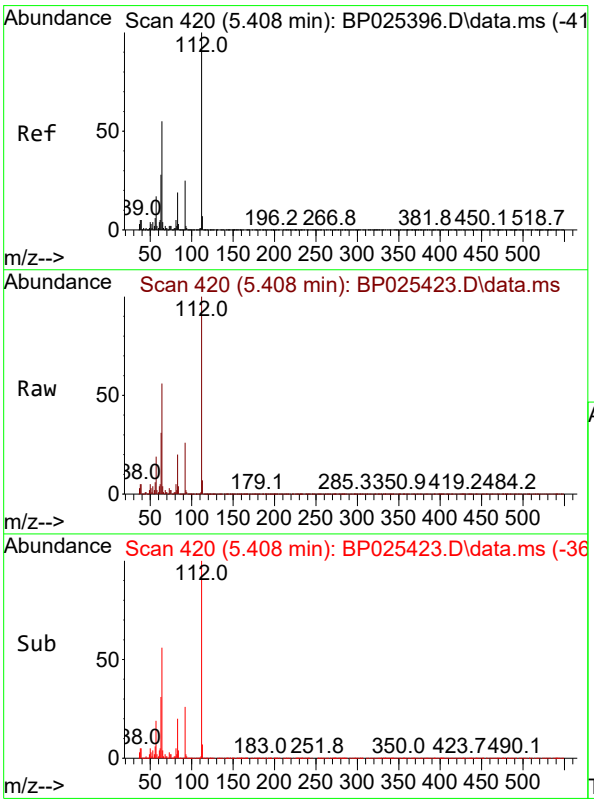
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:152 Resp: 154254

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	63.3	48.5	72.7

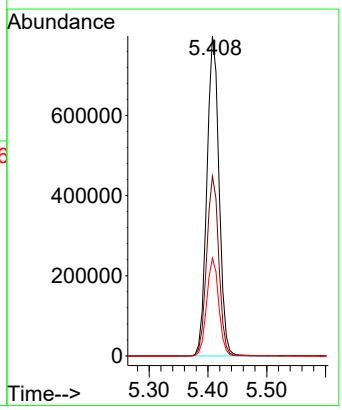


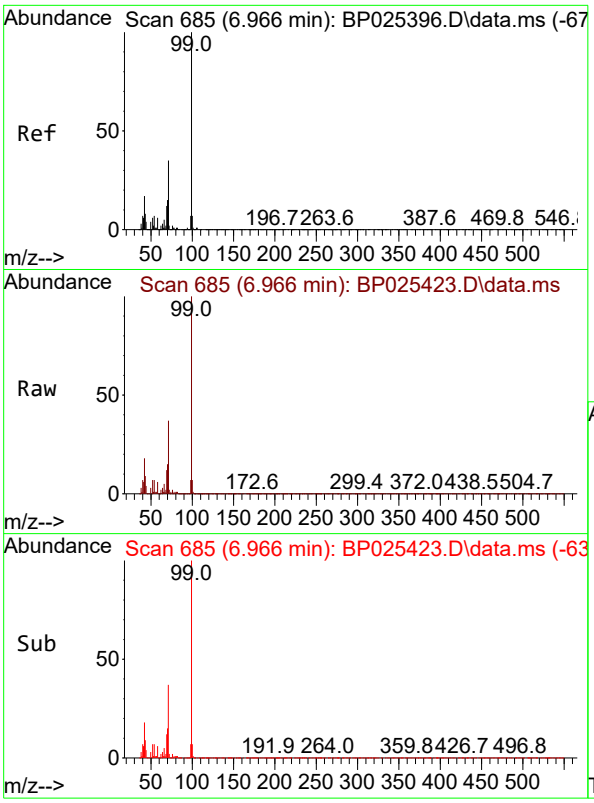


#5
2-Fluorophenol
Concen: 123.793 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:112 Resp: 1149849

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.8
63	30.6	22.7	34.1



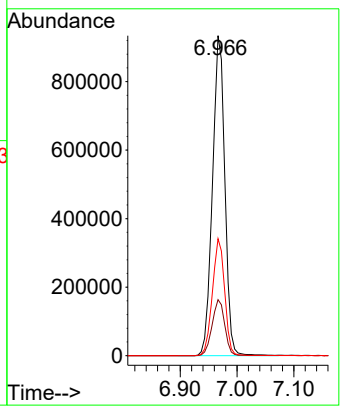


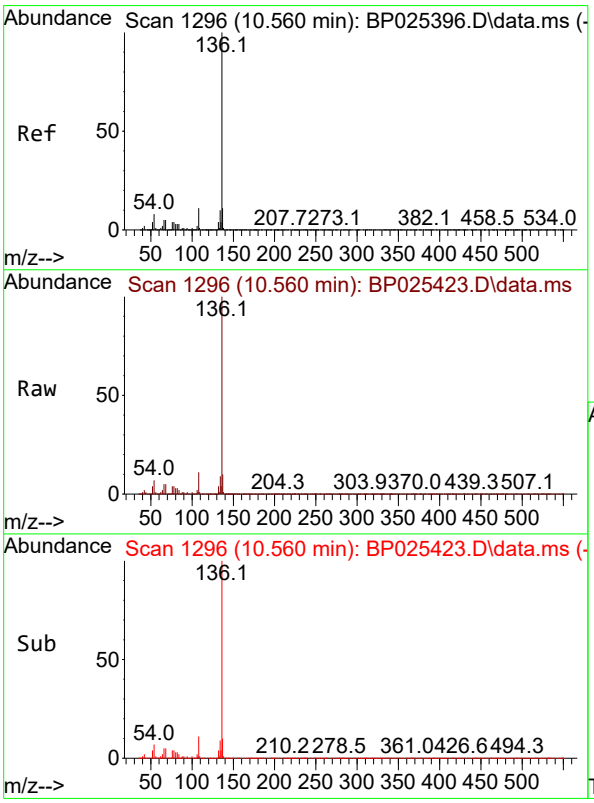
#7
Phenol-d6
Concen: 118.256 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion: 99 Resp: 1408266

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	36.5	28.2	42.4

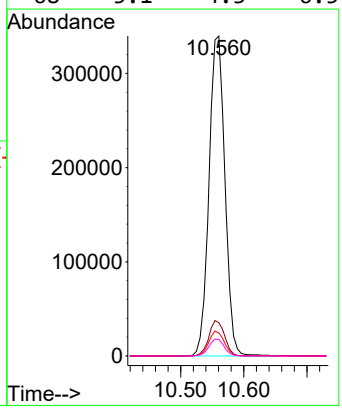


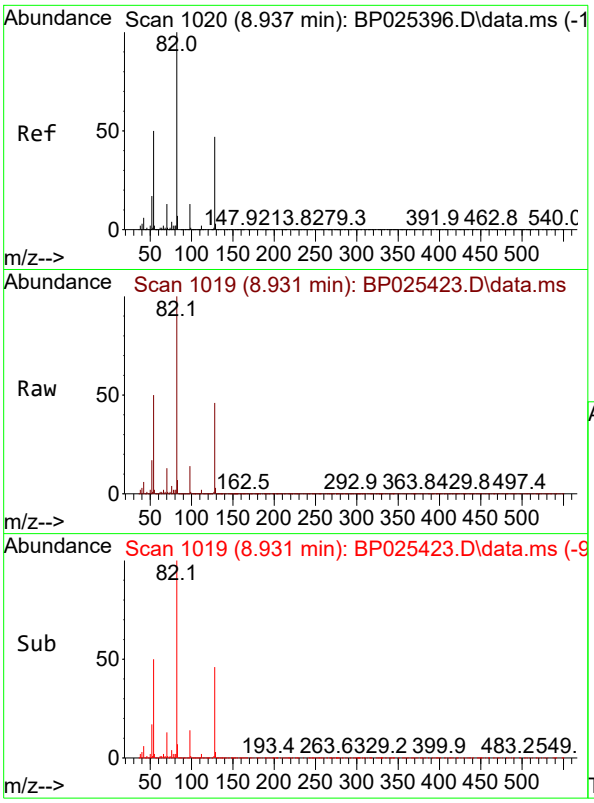


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:136 Resp: 595195

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.2	6.0	9.0
68	5.1	4.3	6.5



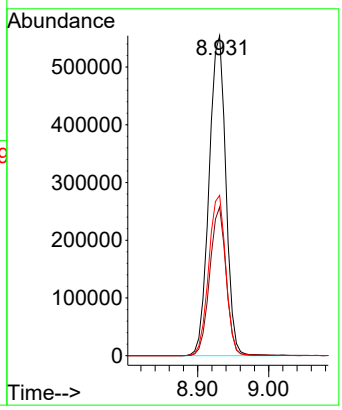


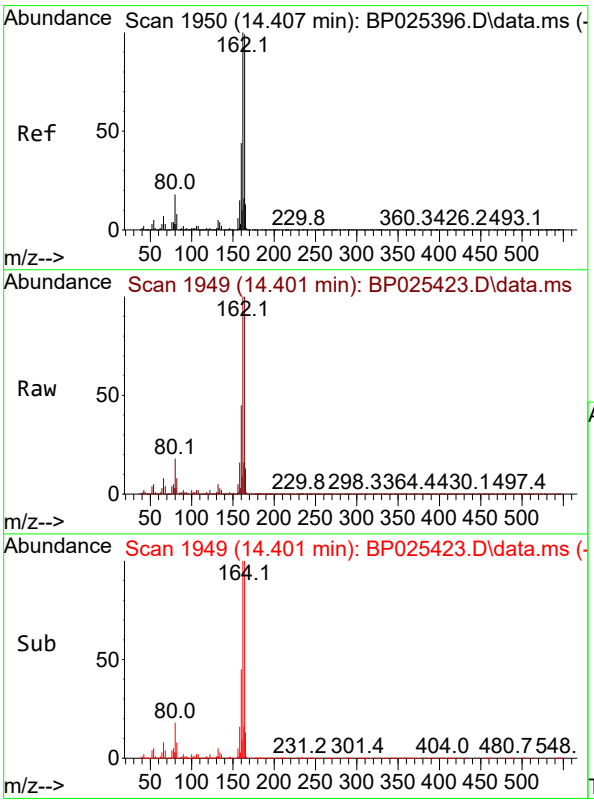
#23
Nitrobenzene-d5
Concen: 77.154 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion: 82 Resp: 907799

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.7	56.5
54	50.1	39.8	59.6

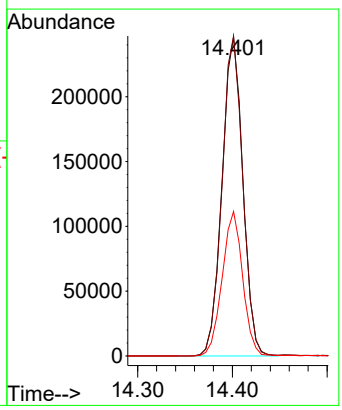


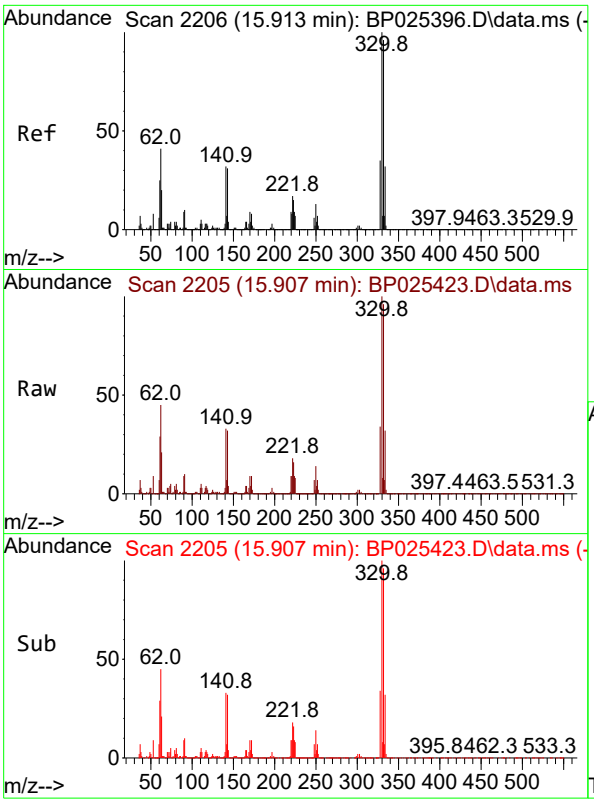


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:164 Resp: 376083

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	45.3	35.4	53.2



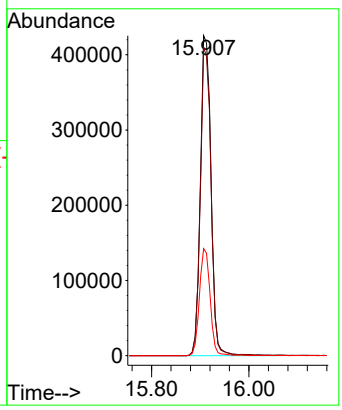


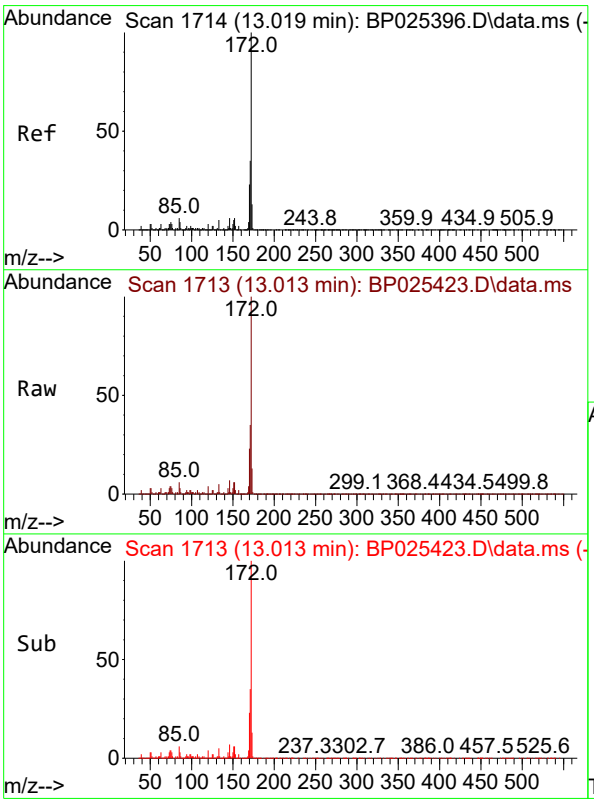
#42
2,4,6-Tribromophenol
Concen: 127.831 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:330 Resp: 647097

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.5	26.6	39.8

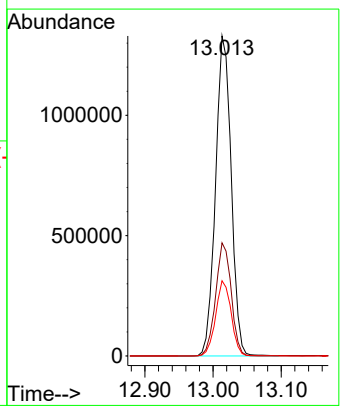


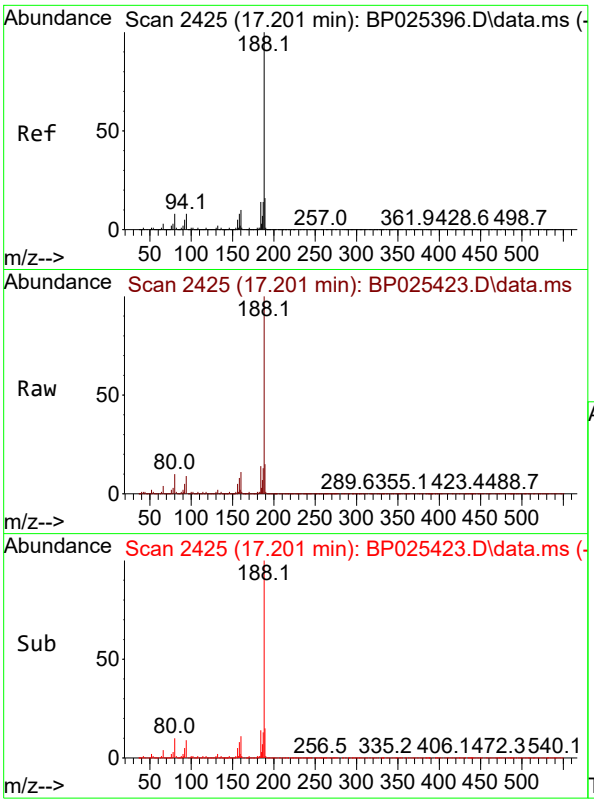


#45
2-Fluorobiphenyl
Concen: 77.318 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:172 Resp: 2127638

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0



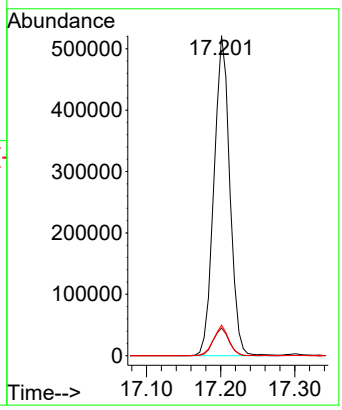


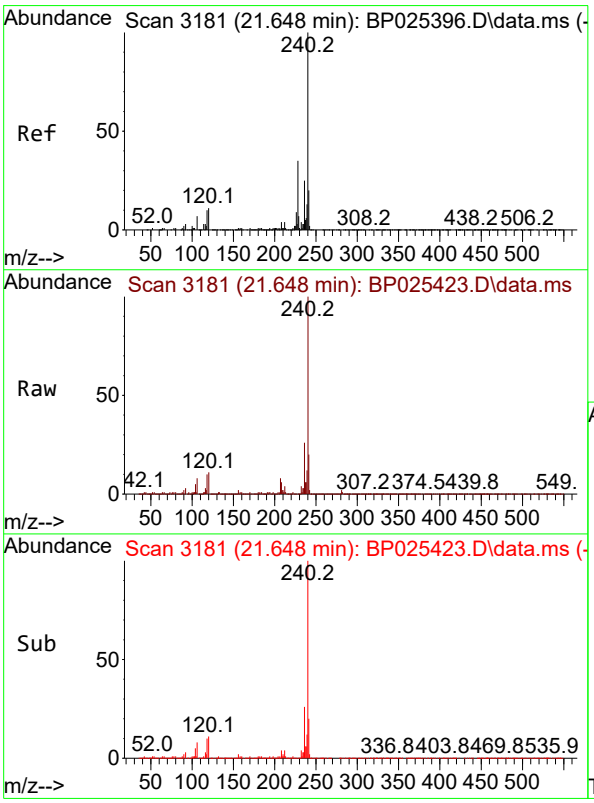
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:188 Resp: 774408

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.6	6.7	10.1

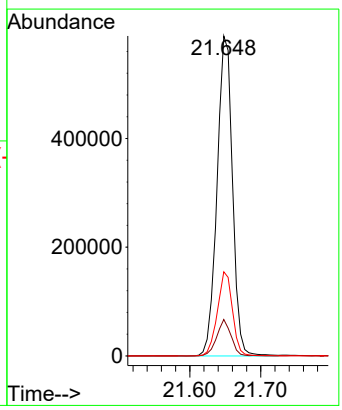


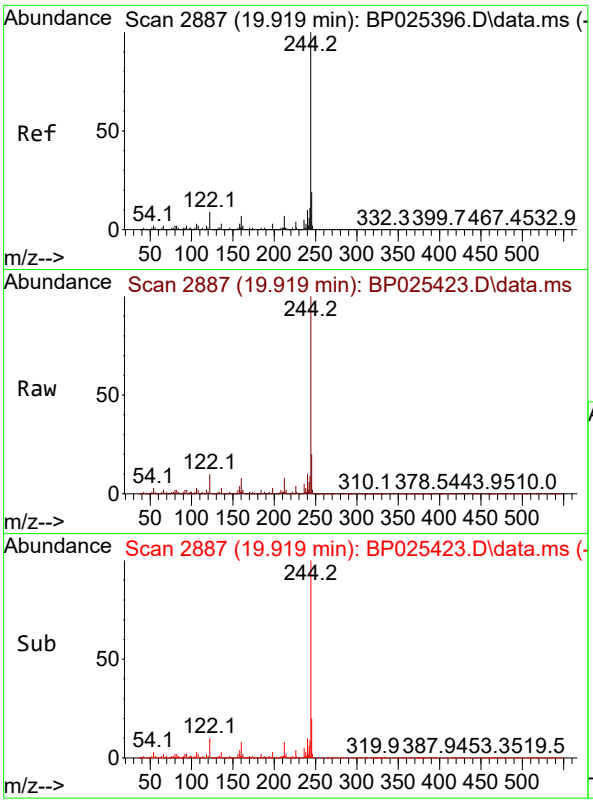


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:240 Resp: 884552

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.3	19.8	29.8



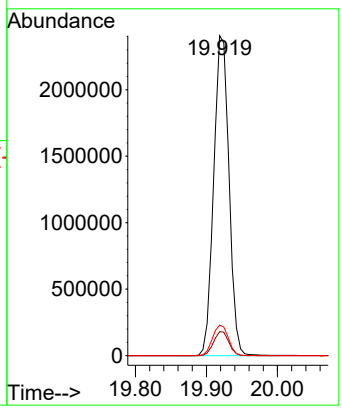


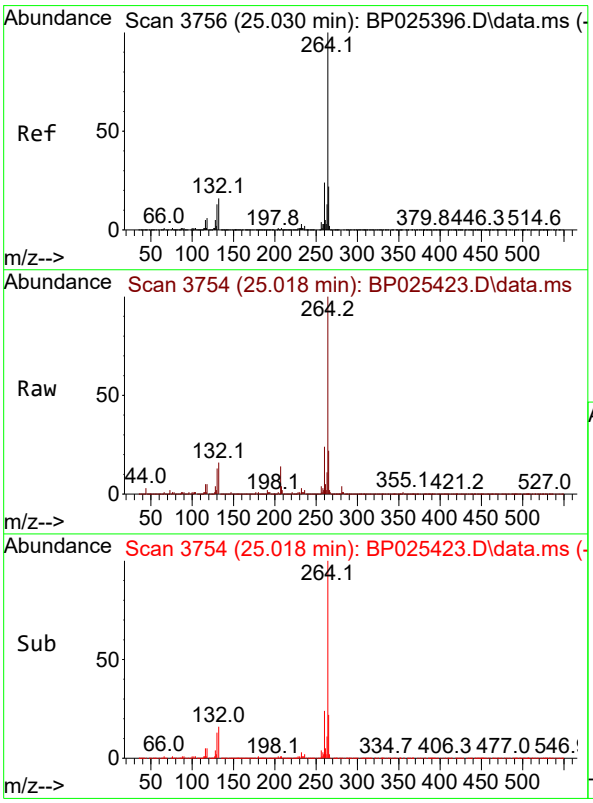
#79
Terphenyl-d14
Concen: 74.215 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Tgt Ion:244 Resp: 3588103

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.6	7.4	11.2

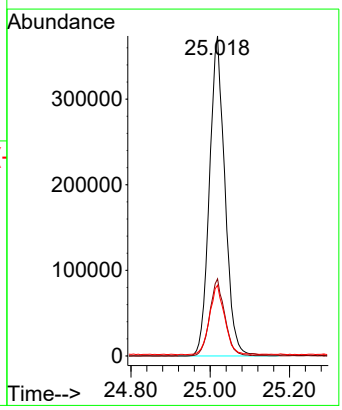




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025423.D
Acq: 15 Aug 2025 11:17

Tgt Ion:264 Resp: 1011782

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.1	17.4	26.0



Sample Results: **BP025423.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.943	336	341	351	rBV	234755	340105	3.46%	0.799%
2	5.408	413	420	434	rBV	2765084	3963727	40.34%	9.310%
3	6.966	677	685	699	rBV	2609535	4005481	40.77%	9.408%
4	7.790	817	825	833	rBV	556695	904269	9.20%	2.124%
5	8.931	1010	1019	1034	rBV	1639182	2706962	27.55%	6.358%
6	10.554	1286	1295	1313	rBV	688306	1217880	12.40%	2.861%
7	13.013	1705	1713	1727	rBV	3910025	6201379	63.12%	14.566%
8	14.401	1942	1949	1957	rBV	1026124	1585682	16.14%	3.724%
9	15.907	2198	2205	2225	rBV	3181301	4861789	49.48%	11.419%
10	17.201	2417	2425	2437	rBV2	1290040	1936346	19.71%	4.548%
11	19.919	2881	2887	2900	rBV	6513441	9824804	100.00%	23.076%
12	21.648	3175	3181	3190	rBV	1616267	2391757	24.34%	5.618%
13	25.018	3745	3754	3770	rVB	969697	2635541	26.83%	6.190%

Sum of corrected areas: 42575722

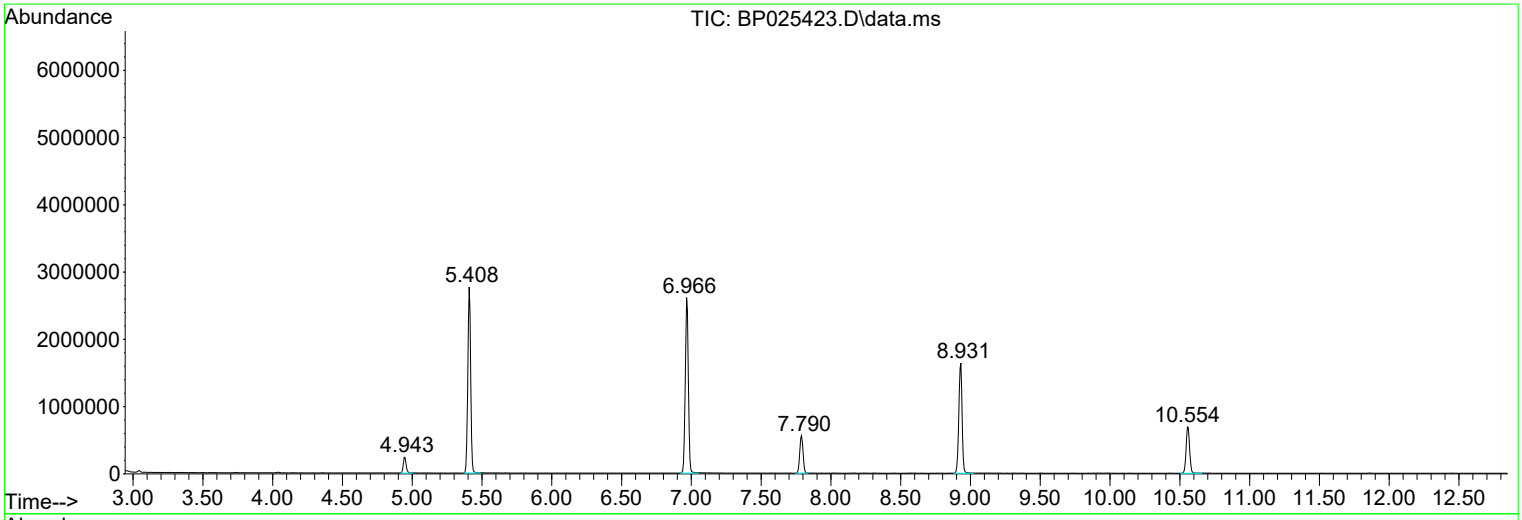
Sample Results: **BP025423.D**

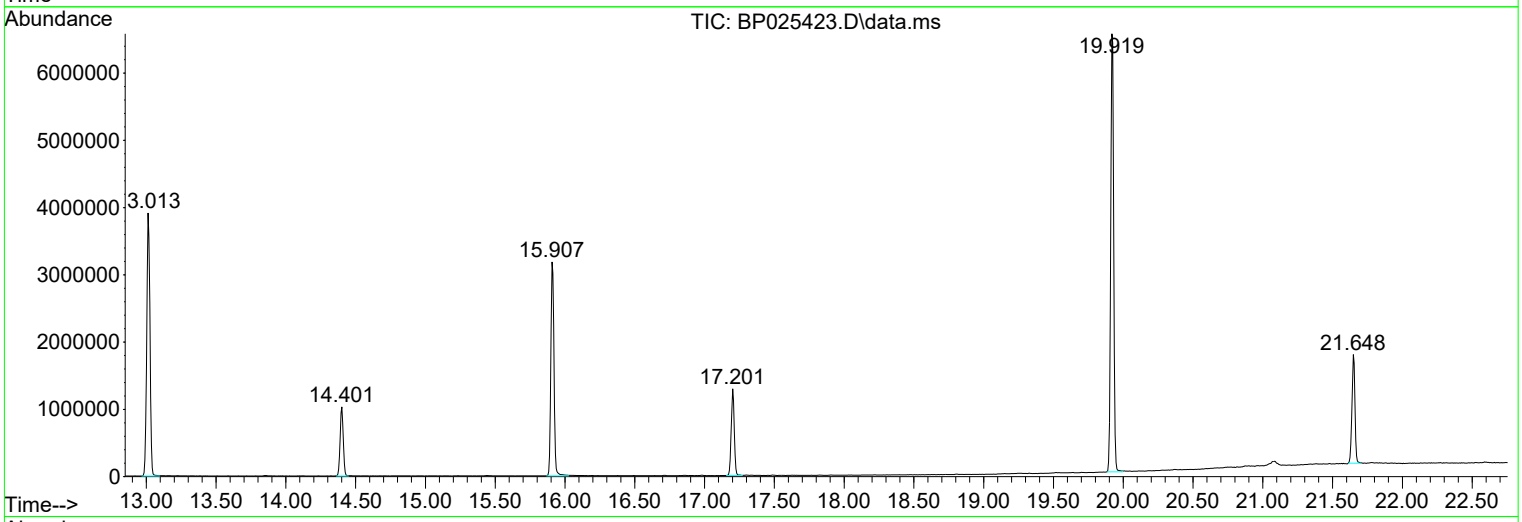
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

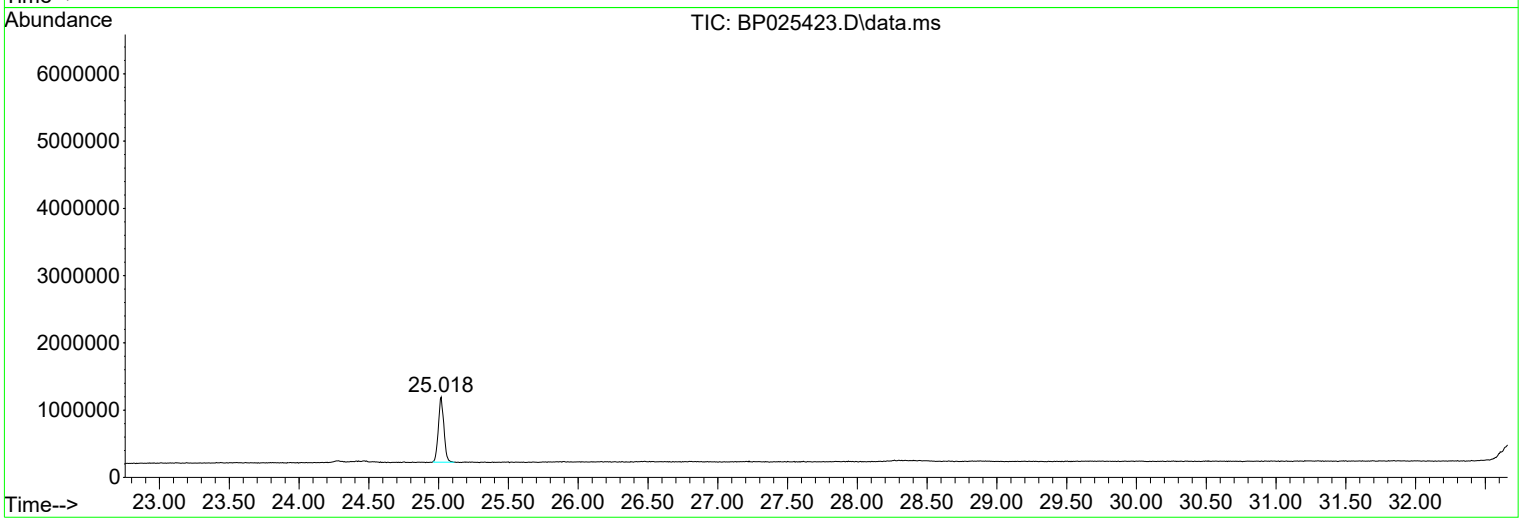
Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

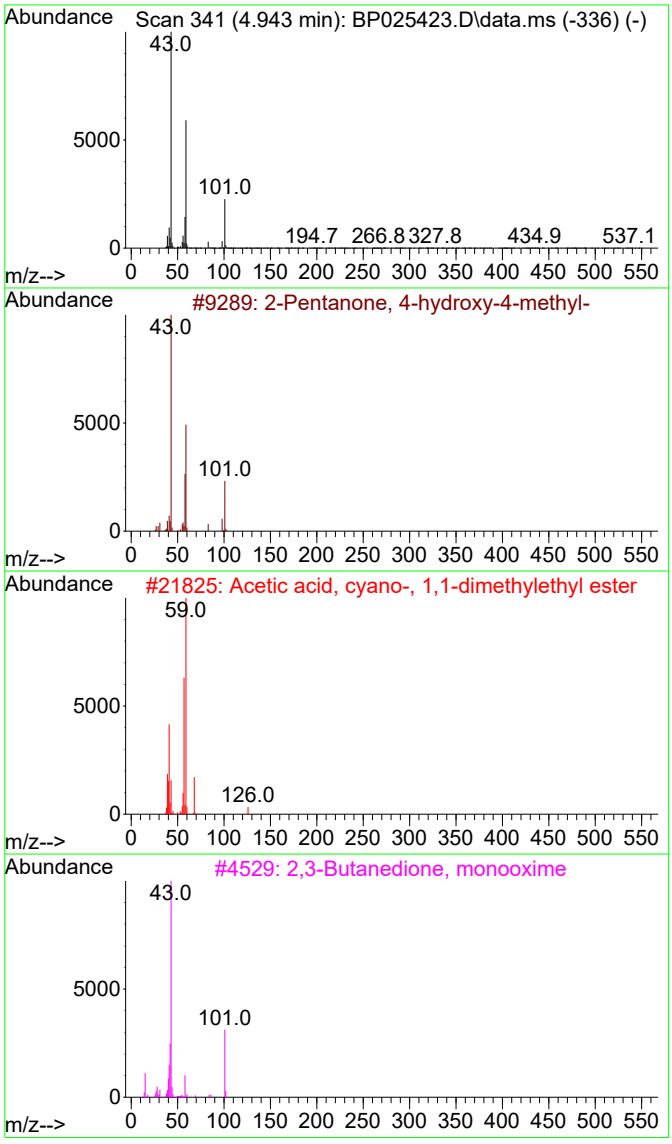
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

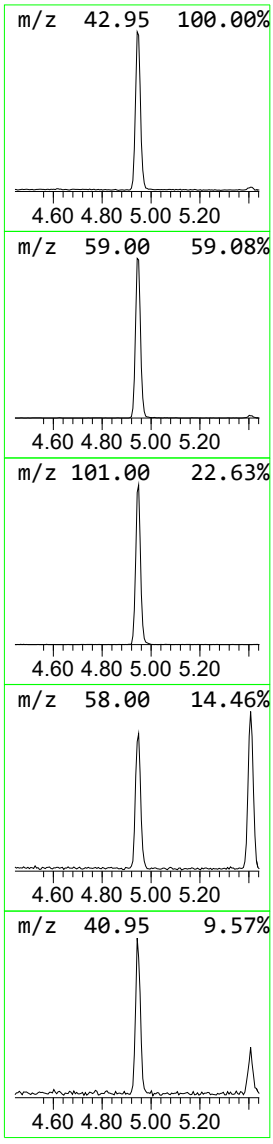
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	7.52 ng	340105	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025423.D
Acq On : 15 Aug 2025 11:17
Operator : CG/JU
Sample : PB169230BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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-...	4.943	7.5	ng	340105	1	7.790	904269	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025424.D
Acq On : 15 Aug 2025 11:59
Operator : CG/JU
Sample : PB169230BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 12:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	169971	20.000	ng		0.00
21) Naphthalene-d8	10.555	136	670319	20.000	ng		0.00
39) Acenaphthene-d10	14.396	164	424018	20.000	ng		-0.01
64) Phenanthrene-d10	17.190	188	812951	20.000	ng		-0.01
76) Chrysene-d12	21.642	240	911094	20.000	ng		0.00
86) Perylene-d12	25.019	264	1094193	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1156544	113.000	ng		0.00
7) Phenol-d6	6.972	99	1449790	110.485	ng		0.00
23) Nitrobenzene-d5	8.931	82	922542	69.619	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	632733	110.863	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2128772	68.614	ng		0.00
79) Terphenyl-d14	19.919	244	3276717	65.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	178151	44.438	ng		99
3) Pyridine	3.726	79	351940	32.073	ng		97
4) n-Nitrosodimethylamine	3.631	42	183440	40.550	ng		97
6) Aniline	7.125	93	575167	32.532	ng		98
8) 2-Chlorophenol	7.361	128	461335	39.944	ng		99
9) Benzaldehyde	6.937	77	219291	23.853	ng		95
10) Phenol	6.996	94	556276	40.400	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	398485	37.131	ng		98
12) 1,3-Dichlorobenzene	7.684	146	486604	38.209	ng		99
13) 1,4-Dichlorobenzene	7.825	146	493901	37.943	ng		99
14) 1,2-Dichlorobenzene	8.137	146	473554	37.582	ng		98
15) Benzyl Alcohol	8.019	79	400986	38.459	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	537421	37.382	ng		98
17) 2-Methylphenol	8.225	107	379222	39.655	ng		99
18) Hexachloroethane	8.861	117	185309	38.719	ng		96
19) n-Nitroso-di-n-propyla...	8.584	70	306664	35.282	ng		96
20) 3+4-Methylphenols	8.543	107	514736	38.831	ng		97
22) Acetophenone	8.596	105	645991	38.428	ng	#	98
24) Nitrobenzene	8.972	77	470422	39.722	ng		98
25) Isophorone	9.496	82	867444	36.989	ng		99
26) 2-Nitrophenol	9.672	139	238004	39.160	ng		99
27) 2,4-Dimethylphenol	9.737	122	426335	40.790	ng		98
28) bis(2-Chloroethoxy)met...	9.966	93	533145	37.610	ng		98
29) 2,4-Dichlorophenol	10.208	162	430899	41.501	ng		100
30) 1,2,4-Trichlorobenzene	10.419	180	439417	38.606	ng		99
31) Naphthalene	10.608	128	1343452	38.560	ng		99
32) Benzoic acid	9.878	122	306370	39.703	ng		98
33) 4-Chloroaniline	10.702	127	385406	25.043	ng		99
34) Hexachlorobutadiene	10.896	225	272129	38.391	ng		98
35) Caprolactam	11.490	113	146622	38.511	ng		95
36) 4-Chloro-3-methylphenol	11.831	107	486472	40.832	ng		97
37) 2-Methylnaphthalene	12.213	142	864478	38.128	ng		99
38) 1-Methylnaphthalene	12.431	142	898180	37.251	ng		100
40) 1,2,4,5-Tetrachloroben...	12.578	216	483197	39.457	ng		99
41) Hexachlorocyclopentadiene	12.566	237	636193	86.005	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	343891	41.596	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025424.D
Acq On : 15 Aug 2025 11:59
Operator : CG/JU
Sample : PB169230BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 12:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	381721	42.128	ng	98
46) 1,1'-Biphenyl	13.225	154	1235911	40.134	ng	99
47) 2-Chloronaphthalene	13.266	162	949832	39.620	ng	99
48) 2-Nitroaniline	13.460	65	296397	42.432	ng	99
49) Acenaphthylene	14.119	152	1568169	39.531	ng	100
50) Dimethylphthalate	13.849	163	1223759	39.412	ng	100
51) 2,6-Dinitrotoluene	13.960	165	270344	41.309	ng	93
52) Acenaphthene	14.460	154	911236	39.134	ng	99
53) 3-Nitroaniline	14.290	138	223962	30.416	ng	95
54) 2,4-Dinitrophenol	14.501	184	319395	91.387	ng	97
55) Dibenzofuran	14.796	168	1435621	38.997	ng	98
56) 4-Nitrophenol	14.607	139	509537	84.213	ng	94
57) 2,4-Dinitrotoluene	14.754	165	389153	41.677	ng	97
58) Fluorene	15.460	166	1123848	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	327248	40.903	ng	99
60) Diethylphthalate	15.231	149	1237967	39.238	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	548873	37.992	ng	98
62) 4-Nitroaniline	15.466	138	293368	38.864	ng	95
63) Azobenzene	15.748	77	1081923	40.048	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	215285	42.483	ng	94
66) n-Nitrosodiphenylamine	15.666	169	1020090	41.149	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	357730	40.010	ng	98
68) Hexachlorobenzene	16.484	284	421113	40.631	ng	97
69) Atrazine	16.648	200	371199	39.983	ng	99
70) Pentachlorophenol	16.831	266	569065	86.979	ng	99
71) Phenanthrene	17.237	178	1834594	41.081	ng	99
72) Anthracene	17.325	178	1867641	40.953	ng	99
73) Carbazole	17.601	167	1745068	40.625	ng	99
74) Di-n-butylphthalate	18.207	149	2153331	40.744	ng	100
75) Fluoranthene	19.319	202	2161988	40.586	ng	99
77) Benzidine	19.513	184	1323440	42.563	ng	99
78) Pyrene	19.695	202	2262750	38.210	ng	100
80) Butylbenzylphthalate	20.654	149	1053807	39.265	ng	99
81) Benzo(a)anthracene	21.625	228	2464717	41.019	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	686690	30.320	ng	99
83) Chrysene	21.695	228	2304341	40.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.578	149	1594510	40.360	ng	100
85) Di-n-octyl phthalate	22.860	149	2830250	41.649	ng	99
87) Indeno(1,2,3-cd)pyrene	28.848	276	3386531	42.203	ng	99
88) Benzo(b)fluoranthene	23.936	252	2671223	41.401	ng	99
89) Benzo(k)fluoranthene	24.024	252	2607648	40.388	ng	100
90) Benzo(a)pyrene	24.866	252	2585640	41.168	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2746421	41.882	ng	98
92) Benzo(g,h,i)perylene	30.036	276	2695674m	41.819	ng	

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

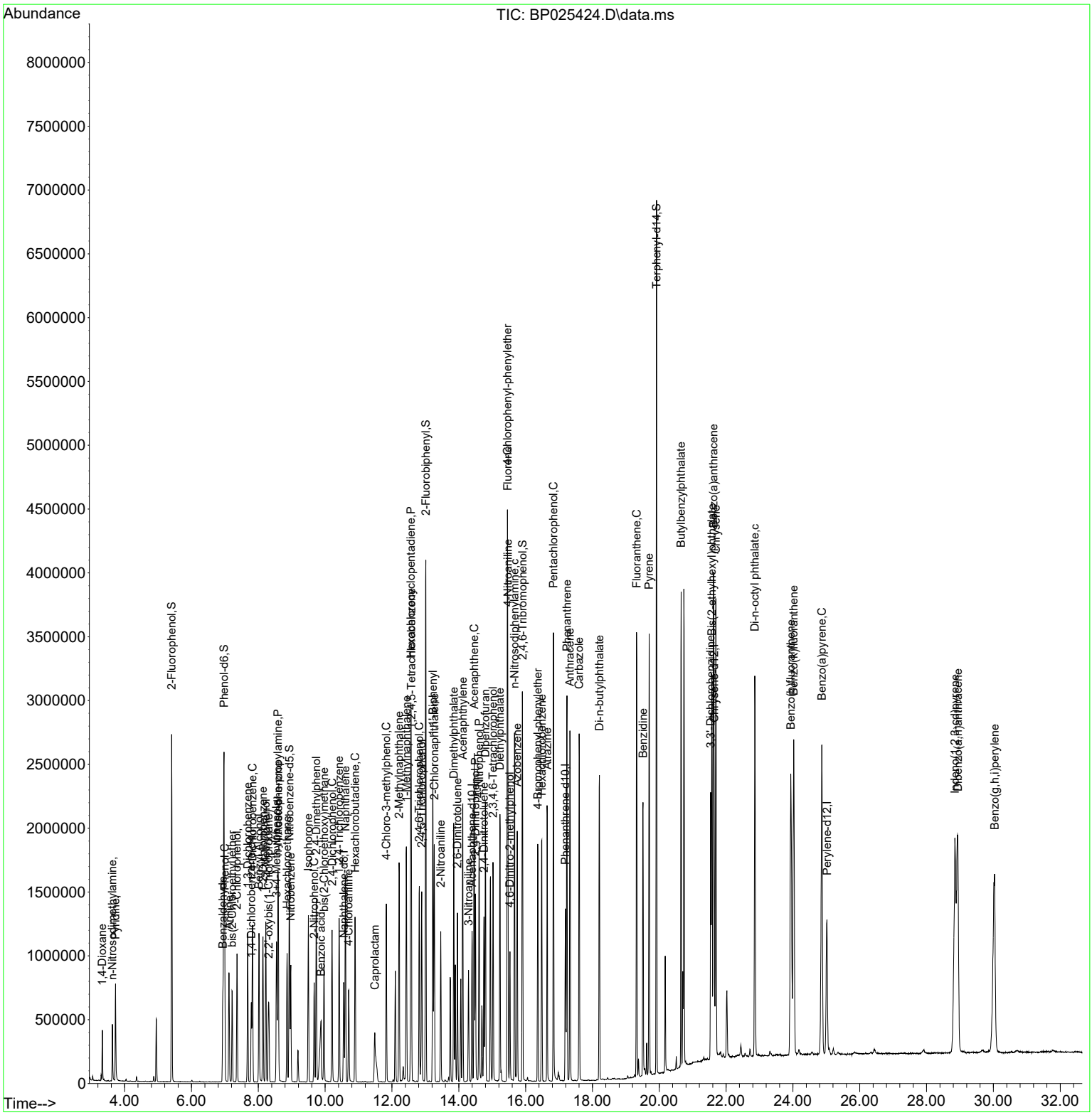
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025424.D
Acq On : 15 Aug 2025 11:59
Operator : CG/JU
Sample : PB169230BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 12:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169230BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025425.D
Acq On : 15 Aug 2025 13:26
Operator : CG/JU
Sample : PB169230BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Quant Time: Aug 15 13:57:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	168072	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	666741	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	424927	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	837407	20.000	ng	0.00
76) Chrysene-d12	21.654	240	883409	20.000	ng	0.00
86) Perylene-d12	25.012	264	1035260	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1259438	124.443	ng	-0.01
7) Phenol-d6	6.960	99	1600680	123.363	ng	0.00
23) Nitrobenzene-d5	8.919	82	1020486	77.424	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	712661	124.601	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2387172	76.778	ng	0.00
79) Terphenyl-d14	19.924	244	3734835	77.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	147246	37.144	ng	98
3) Pyridine	3.719	79	373939	34.463	ng	97
4) n-Nitrosodimethylamine	3.625	42	197894	44.239	ng	94
6) Aniline	7.113	93	636255	36.394	ng	99
8) 2-Chlorophenol	7.354	128	510013	44.657	ng	99
9) Benzaldehyde	6.925	77	241816	26.600	ng	98
10) Phenol	6.984	94	611448	44.909	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	447428	42.162	ng	98
12) 1,3-Dichlorobenzene	7.672	146	524682	41.664	ng	99
13) 1,4-Dichlorobenzene	7.813	146	536677	41.695	ng	99
14) 1,2-Dichlorobenzene	8.131	146	518242	41.593	ng	97
15) Benzyl Alcohol	8.013	79	443998	43.066	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.295	45	605807	42.615	ng	98
17) 2-Methylphenol	8.213	107	418119	44.217	ng	99
18) Hexachloroethane	8.854	117	202516	42.792	ng	98
19) n-Nitroso-di-n-propyla...	8.578	70	342802	39.885	ng	97
20) 3+4-Methylphenols	8.537	107	570482	43.523	ng	98
22) Acetophenone	8.590	105	717162	42.891	ng	98
24) Nitrobenzene	8.960	77	529804	44.976	ng	98
25) Isophorone	9.489	82	973615	41.739	ng	99
26) 2-Nitrophenol	9.666	139	269071	44.509	ng	95
27) 2,4-Dimethylphenol	9.731	122	470718	45.278	ng	97
28) bis(2-Chloroethoxy)met...	9.960	93	602831	42.754	ng	97
29) 2,4-Dichlorophenol	10.201	162	473045	45.804	ng	99
30) 1,2,4-Trichlorobenzene	10.419	180	483350	42.694	ng	100
31) Naphthalene	10.601	128	1494676	43.131	ng	99
32) Benzoic acid	9.872	122	362237	47.195	ng	96
33) 4-Chloroaniline	10.701	127	415649	27.153	ng	99
34) Hexachlorobutadiene	10.889	225	300315	42.594	ng	99
35) Caprolactam	11.483	113	166236	43.898	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	528039	44.558	ng	99
37) 2-Methylnaphthalene	12.207	142	965857	42.828	ng	100
38) 1-Methylnaphthalene	12.431	142	991029	41.322	ng	100
40) 1,2,4,5-Tetrachloroben...	12.578	216	530873	43.258	ng	99
41) Hexachlorocyclopentadiene	12.560	237	714288	96.356	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	380238	45.894	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025425.D
Acq On : 15 Aug 2025 13:26
Operator : CG/JU
Sample : PB169230BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Quant Time: Aug 15 13:57:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

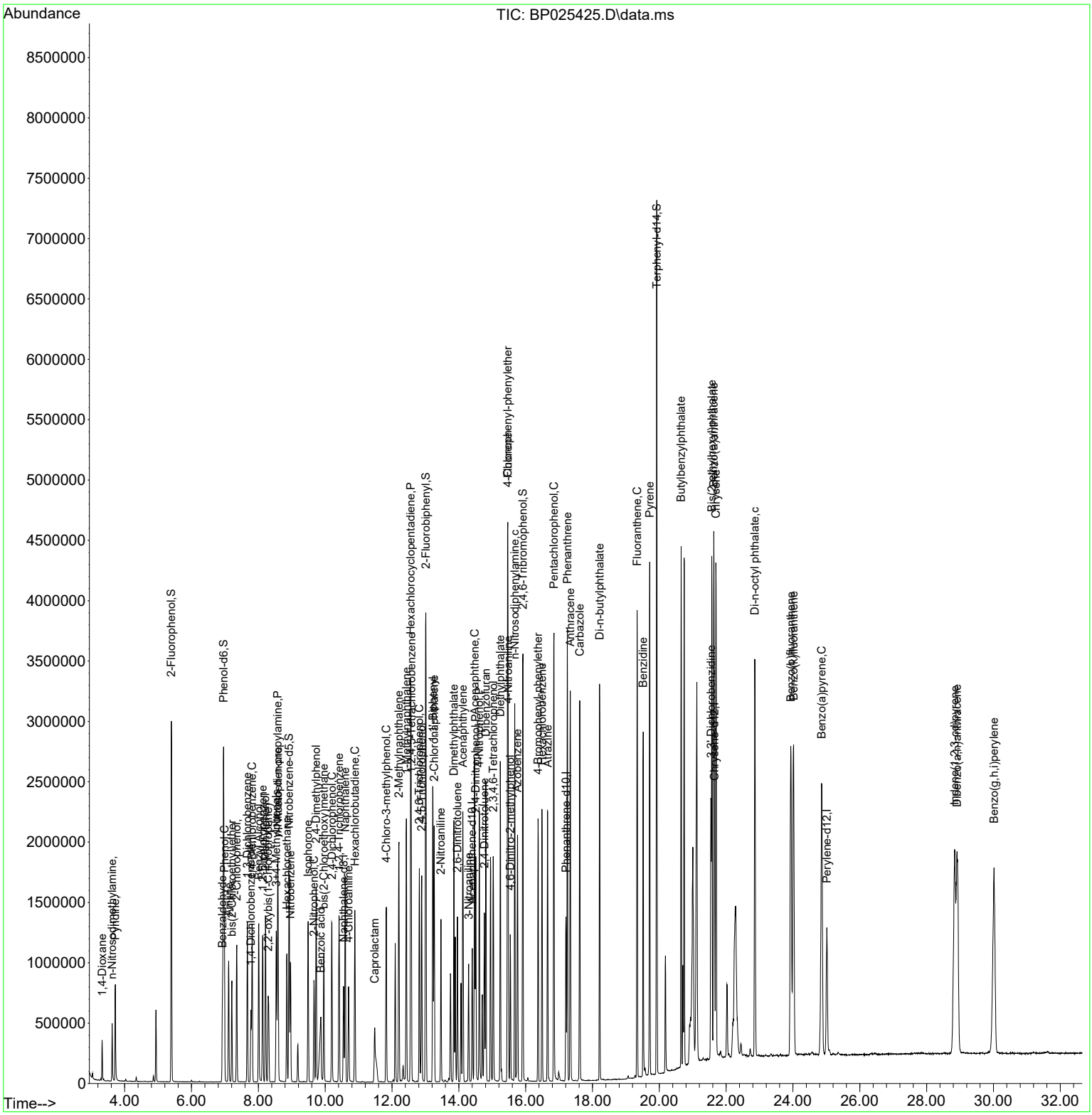
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	426971	47.021	ng	99
46) 1,1'-Biphenyl	13.225	154	1341958	43.484	ng	98
47) 2-Chloronaphthalene	13.260	162	1045208	43.506	ng	99
48) 2-Nitroaniline	13.466	65	332445	47.491	ng	97
49) Acenaphthylene	14.119	152	1736412	43.679	ng	100
50) Dimethylphthalate	13.854	163	1364594	43.854	ng	99
51) 2,6-Dinitrotoluene	13.960	165	305278	46.547	ng	95
52) Acenaphthene	14.472	154	1034163	44.318	ng	99
53) 3-Nitroaniline	14.295	138	246772	33.442	ng	99
54) 2,4-Dinitrophenol	14.507	184	378502	108.068	ng	95
55) Dibenzofuran	14.807	168	1583459	42.921	ng	98
56) 4-Nitrophenol	14.613	139	578099	95.340	ng	91
57) 2,4-Dinitrotoluene	14.766	165	446631	47.730	ng	97
58) Fluorene	15.466	166	1251709	42.998	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.030	232	368890	46.009	ng	99
60) Diethylphthalate	15.242	149	1397834	44.210	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	617566	42.656	ng	96
62) 4-Nitroaniline	15.477	138	327789	43.331	ng	96
63) Azobenzene	15.754	77	1250604	46.193	ng	97
65) 4,6-Dinitro-2-methylph...	15.542	198	258648	49.550	ng	90
66) n-Nitrosodiphenylamine	15.672	169	1144220	44.808	ng	99
67) 4-Bromophenyl-phenylether	16.371	248	411920	44.726	ng	96
68) Hexachlorobenzene	16.489	284	475535	44.542	ng	100
69) Atrazine	16.660	200	441483	46.165	ng	97
70) Pentachlorophenol	16.848	266	660333	97.981	ng	97
71) Phenanthrene	17.248	178	2060065	44.783	ng	99
72) Anthracene	17.336	178	2122885	45.190	ng	100
73) Carbazole	17.618	167	2031552	45.913	ng	99
74) Di-n-butylphthalate	18.213	149	2497806	45.882	ng	100
75) Fluoranthene	19.336	202	2442709	44.517	ng	99
77) Benzidine	19.518	184	1450901	48.125	ng	100
78) Pyrene	19.712	202	2568011	44.724	ng	100
80) Butylbenzylphthalate	20.654	149	1210580	46.520	ng	97
81) Benzo(a)anthracene	21.630	228	2695916	46.273	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	748927	34.104	ng	99
83) Chrysene	21.695	228	2507192	45.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.571	149	1768457	46.165	ng	100
85) Di-n-octyl phthalate	22.859	149	3215556	48.802	ng	99
87) Indeno(1,2,3-cd)pyrene	28.841	276	3557513	46.858	ng	98
88) Benzo(b)fluoranthene	23.936	252	2906105	47.605	ng	100
89) Benzo(k)fluoranthene	24.018	252	2863889	46.881	ng	99
90) Benzo(a)pyrene	24.859	252	2797186	47.072	ng	100
91) Dibenzo(a,h)anthracene	28.912	278	2913978	46.967	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2846019	46.665	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025425.D
Acq On : 15 Aug 2025 13:26
Operator : CG/JU
Sample : PB169230BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169230BSD

Quant Time: Aug 15 13:57:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025422.D	Acenaphthene	Rahul	8/18/2025 8:33:34 AM	Jagrut	8/18/2025 8:42:26 AM	Peak Integrated by Software
PB169230BS	BP025424.D	Benzo(g,h,i)perylene	Rahul	8/18/2025 8:33:37 AM	Jagrut	8/18/2025 8:42:28 AM	Peak Integrated by Software
SSTDCCC040	BP025436.D	Acenaphthene	Rahul	8/18/2025 8:33:44 AM	Jagrut	8/18/2025 8:42:33 AM	Peak Integrated by Software
SSTDCCC040	BP025438.D	Acenaphthene	Rahul	8/18/2025 8:33:47 AM	Jagrut	8/18/2025 8:42:35 AM	Peak Integrated by Software
SSTDCCC040	BP025438.D	Benzo(g,h,i)perylene	Rahul	8/18/2025 8:33:47 AM	Jagrut	8/18/2025 8:42:35 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025487.D	Indeno(1,2,3-cd)pyrene	Rahul	8/20/2025 8:38:27 AM	Jagrut	8/20/2025 12:06:52 PM	Peak Integrated by Software
SSTDCCC040	BP025502.D	Acenaphthene	Rahul	8/20/2025 1:15:14 PM	Jagrut	8/21/2025 2:16:52 PM	Peak Integrated by Software

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM		
SubDirectory	BP081525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025421.D	15 Aug 2025 09:55	CG/JU	Ok
2	SSTDCCC040	BP025422.D	15 Aug 2025 10:36	CG/JU	Ok,M
3	PB169230BL	BP025423.D	15 Aug 2025 11:17	CG/JU	Ok
4	PB169230BS	BP025424.D	15 Aug 2025 11:59	CG/JU	Ok,M
5	PB169230BSD	BP025425.D	15 Aug 2025 13:26	CG/JU	Ok
6	Q2814-05RE	BP025426.D	15 Aug 2025 14:08	CG/JU	Confirms
7	Q2814-20	BP025427.D	15 Aug 2025 14:49	CG/JU	Ok
8	Q2814-11	BP025428.D	15 Aug 2025 15:31	CG/JU	Ok
9	Q2814-17	BP025429.D	15 Aug 2025 16:12	CG/JU	Ok
10	Q2814-18	BP025430.D	15 Aug 2025 16:54	CG/JU	ReRun
11	Q2827-05DL	BP025431.D	15 Aug 2025 17:35	CG/JU	Ok,M
12	Q2820-07RE	BP025432.D	15 Aug 2025 18:17	CG/JU	Confirms
13	Q2820-01RE	BP025433.D	15 Aug 2025 18:58	CG/JU	Confirms
14	Q2820-21RE	BP025434.D	15 Aug 2025 19:40	CG/JU	Confirms
15	Q2820-22RE	BP025435.D	15 Aug 2025 20:21	CG/JU	Confirms
16	SSTDCCC040	BP025436.D	15 Aug 2025 21:03	CG/JU	Ok,M
17	DFTPP	BP025437.D	15 Aug 2025 23:08	CG/JU	Ok
18	SSTDCCC040	BP025438.D	15 Aug 2025 23:49	CG/JU	Ok,M
19	PB169275BL	BP025439.D	16 Aug 2025 00:31	CG/JU	Ok
20	PB169275BS	BP025440.D	16 Aug 2025 01:13	CG/JU	Ok,M
21	Q2732-03	BP025441.D	16 Aug 2025 01:55	CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM		
SubDirectory	BP081525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2836-03	BP025442.D	16 Aug 2025 02:37	CG/JU	Ok
23	Q2836-07	BP025443.D	16 Aug 2025 03:19	CG/JU	Ok
24	Q2836-11	BP025444.D	16 Aug 2025 04:00	CG/JU	Ok
25	Q2836-15	BP025445.D	16 Aug 2025 04:41	CG/JU	Ok
26	Q2838-04	BP025446.D	16 Aug 2025 05:22	CG/JU	Ok
27	Q2838-08	BP025447.D	16 Aug 2025 06:04	CG/JU	Ok
28	Q2832-02	BP025448.D	16 Aug 2025 06:45	CG/JU	Ok
29	Q2832-02MS	BP025449.D	16 Aug 2025 07:26	CG/JU	Ok,M
30	Q2832-02MSD	BP025450.D	16 Aug 2025 08:07	CG/JU	Ok,M
31	Q2832-04	BP025451.D	16 Aug 2025 08:48	CG/JU	Ok
32	Q2832-06	BP025452.D	16 Aug 2025 09:29	CG/JU	Ok
33	Q2832-08	BP025453.D	16 Aug 2025 10:11	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081925

Review By	Rahul	Review On	8/20/2025 11:11:45 AM		
Supervise By	Jagrut	Supervise On	8/20/2025 12:07:50 PM		
SubDirectory	BP081925	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025469.D	19 Aug 2025 10:03	CG/JU	Ok
2	SSTDCCC040	BP025470.D	19 Aug 2025 10:44	CG/JU	Ok
3	PB169244BL	BP025471.D	19 Aug 2025 11:25	CG/JU	Ok
4	PB169244BS	BP025472.D	19 Aug 2025 12:06	CG/JU	Ok,M
5	PB169244BSD	BP025473.D	19 Aug 2025 12:47	CG/JU	Ok,M
6	Q2815-18	BP025474.D	19 Aug 2025 13:29	CG/JU	Ok
7	Q2815-19	BP025475.D	19 Aug 2025 14:10	CG/JU	Ok
8	Q2815-20	BP025476.D	19 Aug 2025 14:51	CG/JU	Ok
9	Q2815-21	BP025477.D	19 Aug 2025 15:32	CG/JU	Ok
10	Q2815-22	BP025478.D	19 Aug 2025 16:13	CG/JU	Ok
11	Q2815-23	BP025479.D	19 Aug 2025 16:55	CG/JU	Ok
12	Q2815-26	BP025480.D	19 Aug 2025 17:36	CG/JU	Ok
13	Q2820-19RE	BP025481.D	19 Aug 2025 18:17	CG/JU	Confirms
14	Q2820-20RE	BP025482.D	19 Aug 2025 18:58	CG/JU	Confirms
15	Q2815-13	BP025483.D	19 Aug 2025 19:39	CG/JU	Ok
16	Q2815-14	BP025484.D	19 Aug 2025 20:21	CG/JU	Ok
17	SSTDCCC040	BP025485.D	19 Aug 2025 21:43	CG/JU	Ok
18	DFTPP	BP025486.D	19 Aug 2025 23:05	CG/JU	Ok
19	SSTDCCC040	BP025487.D	19 Aug 2025 23:46	CG/JU	Ok,M
20	PB169242BL	BP025488.D	20 Aug 2025 00:27	CG/JU	Ok
21	PB169242BS	BP025489.D	20 Aug 2025 01:07	CG/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081925

Review By	Rahul	Review On	8/20/2025 11:11:45 AM		
Supervise By	Jagrut	Supervise On	8/20/2025 12:07:50 PM		
SubDirectory	BP081925	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2870-04	BP025490.D	20 Aug 2025 01:48	CG/JU	Ok
23	Q2871-01	BP025491.D	20 Aug 2025 02:29	CG/JU	Ok
24	Q2870-01	BP025492.D	20 Aug 2025 03:10	CG/JU	Ok
25	Q2871-04	BP025493.D	20 Aug 2025 03:51	CG/JU	Ok
26	Q2871-07	BP025494.D	20 Aug 2025 04:32	CG/JU	Ok
27	Q2873-04	BP025495.D	20 Aug 2025 05:13	CG/JU	Ok
28	Q2825-01	BP025496.D	20 Aug 2025 05:54	CG/JU	Ok
29	Q2872-01	BP025497.D	20 Aug 2025 06:35	CG/JU	Ok
30	Q2815-17	BP025498.D	20 Aug 2025 07:16	CG/JU	Ok
31	Q2815-16	BP025499.D	20 Aug 2025 07:57	CG/JU	Ok
32	Q2819-05	BP025500.D	20 Aug 2025 08:38	CG/JU	Ok
33	Q2820-13	BP025501.D	20 Aug 2025 09:19	CG/JU	Ok
34	SSTDCCC040	BP025502.D	20 Aug 2025 10:41	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM		
SubDirectory	BP081525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/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	BP025421.D	15 Aug 2025 09:55		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025422.D	15 Aug 2025 10:36		CG/JU	Ok,M
3	PB169230BL	PB169230BL	BP025423.D	15 Aug 2025 11:17		CG/JU	Ok
4	PB169230BS	PB169230BS	BP025424.D	15 Aug 2025 11:59		CG/JU	Ok,M
5	PB169230BSD	PB169230BSD	BP025425.D	15 Aug 2025 13:26		CG/JU	Ok
6	Q2814-05RE	TW-82H-ERE	BP025426.D	15 Aug 2025 14:08	Surrogate Fail	CG/JU	Confirms
7	Q2814-20	TW-518R-W	BP025427.D	15 Aug 2025 14:49		CG/JU	Ok
8	Q2814-11	TW-38M-S	BP025428.D	15 Aug 2025 15:31		CG/JU	Ok
9	Q2814-17	TW-518R-S	BP025429.D	15 Aug 2025 16:12		CG/JU	Ok
10	Q2814-18	TW-518R-N	BP025430.D	15 Aug 2025 16:54	Surrogate Fail	CG/JU	ReRun
11	Q2827-05DL	TP-9DL	BP025431.D	15 Aug 2025 17:35		CG/JU	Ok,M
12	Q2820-07RE	518R-SRE	BP025432.D	15 Aug 2025 18:17	Surrogate Fail	CG/JU	Confirms
13	Q2820-01RE	82H-SRE	BP025433.D	15 Aug 2025 18:58	Surrogate Fail	CG/JU	Confirms
14	Q2820-21RE	22M-NRE	BP025434.D	15 Aug 2025 19:40	Surrogate Fail	CG/JU	Confirms
15	Q2820-22RE	22M-WRE	BP025435.D	15 Aug 2025 20:21	Surrogate Fail	CG/JU	Confirms
16	SSTDCCC040	SSTDCCC040EC	BP025436.D	15 Aug 2025 21:03		CG/JU	Ok,M
17	DFTPP	DFTPP	BP025437.D	15 Aug 2025 23:08		CG/JU	Ok
18	SSTDCCC040	SSTDCCC040	BP025438.D	15 Aug 2025 23:49		CG/JU	Ok,M

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081525

Review By	Rahul	Review On	8/18/2025 8:39:39 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:42:55 AM		
SubDirectory	BP081525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB169275BL	PB169275BL	BP025439.D	16 Aug 2025 00:31		CG/JU	Ok
20	PB169275BS	PB169275BS	BP025440.D	16 Aug 2025 01:13		CG/JU	Ok,M
21	Q2732-03	WC-A7-01-C	BP025441.D	16 Aug 2025 01:55		CG/JU	Ok
22	Q2836-03	WC-A2-15-C	BP025442.D	16 Aug 2025 02:37		CG/JU	Ok
23	Q2836-07	WC-A2-16-C	BP025443.D	16 Aug 2025 03:19		CG/JU	Ok
24	Q2836-11	WC-A2-17-C	BP025444.D	16 Aug 2025 04:00		CG/JU	Ok
25	Q2836-15	WC-A5-02-C	BP025445.D	16 Aug 2025 04:41		CG/JU	Ok
26	Q2838-04	TP-11	BP025446.D	16 Aug 2025 05:22		CG/JU	Ok
27	Q2838-08	TP-10	BP025447.D	16 Aug 2025 06:04		CG/JU	Ok
28	Q2832-02	TG-S01	BP025448.D	16 Aug 2025 06:45		CG/JU	Ok
29	Q2832-02MS	TG-S01MS	BP025449.D	16 Aug 2025 07:26		CG/JU	Ok,M
30	Q2832-02MSD	TG-S01MSD	BP025450.D	16 Aug 2025 08:07		CG/JU	Ok,M
31	Q2832-04	TG-S02	BP025451.D	16 Aug 2025 08:48		CG/JU	Ok
32	Q2832-06	TG-S03	BP025452.D	16 Aug 2025 09:29		CG/JU	Ok
33	Q2832-08	TG-S04	BP025453.D	16 Aug 2025 10:11		CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081925

Review By	Rahul	Review On	8/20/2025 11:11:45 AM		
Supervise By	Jagrut	Supervise On	8/20/2025 12:07:50 PM		
SubDirectory	BP081925	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/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	BP025469.D	19 Aug 2025 10:03		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025470.D	19 Aug 2025 10:44		CG/JU	Ok
3	PB169244BL	PB169244BL	BP025471.D	19 Aug 2025 11:25		CG/JU	Ok
4	PB169244BS	PB169244BS	BP025472.D	19 Aug 2025 12:06		CG/JU	Ok,M
5	PB169244BSD	PB169244BSD	BP025473.D	19 Aug 2025 12:47		CG/JU	Ok,M
6	Q2815-18	TW-84SB-W	BP025474.D	19 Aug 2025 13:29		CG/JU	Ok
7	Q2815-19	DUP	BP025475.D	19 Aug 2025 14:10		CG/JU	Ok
8	Q2815-20	TW-11M-W	BP025476.D	19 Aug 2025 14:51		CG/JU	Ok
9	Q2815-21	TW-11M-E	BP025477.D	19 Aug 2025 15:32		CG/JU	Ok
10	Q2815-22	TW-11M-S	BP025478.D	19 Aug 2025 16:13		CG/JU	Ok
11	Q2815-23	TW-11M-N	BP025479.D	19 Aug 2025 16:55		CG/JU	Ok
12	Q2815-26	FB	BP025480.D	19 Aug 2025 17:36		CG/JU	Ok
13	Q2820-19RE	88H-WRE	BP025481.D	19 Aug 2025 18:17	Surrogate fail,	CG/JU	Confirms
14	Q2820-20RE	88H-SRE	BP025482.D	19 Aug 2025 18:58	Surrogate fail.	CG/JU	Confirms
15	Q2815-13	TW-22M-E	BP025483.D	19 Aug 2025 19:39	Surrogates failed.	CG/JU	Ok
16	Q2815-14	TW-22M-N	BP025484.D	19 Aug 2025 20:21		CG/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BP025485.D	19 Aug 2025 21:43		CG/JU	Ok
18	DFTPP	DFTPP	BP025486.D	19 Aug 2025 23:05		CG/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081925

Review By	Rahul	Review On	8/20/2025 11:11:45 AM		
Supervise By	Jagrut	Supervise On	8/20/2025 12:07:50 PM		
SubDirectory	BP081925	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13171,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC040	SSTDCCC040	BP025487.D	19 Aug 2025 23:46		CG/JU	Ok,M
20	PB169242BL	PB169242BL	BP025488.D	20 Aug 2025 00:27		CG/JU	Ok
21	PB169242BS	PB169242BS	BP025489.D	20 Aug 2025 01:07		CG/JU	Ok
22	Q2870-04	DRILL CUTTING 6-9 C	BP025490.D	20 Aug 2025 01:48		CG/JU	Ok
23	Q2871-01	DRILL CUTTING 1-3 C	BP025491.D	20 Aug 2025 02:29		CG/JU	Ok
24	Q2870-01	DRILL CUTTING 1-5 C	BP025492.D	20 Aug 2025 03:10		CG/JU	Ok
25	Q2871-04	DRILL CUTTING 4-6 C	BP025493.D	20 Aug 2025 03:51		CG/JU	Ok
26	Q2871-07	DRILL CUTTING 1-5 C	BP025494.D	20 Aug 2025 04:32		CG/JU	Ok
27	Q2873-04	DRILL CUTTING 4-6 C	BP025495.D	20 Aug 2025 05:13		CG/JU	Ok
28	Q2825-01	TW1	BP025496.D	20 Aug 2025 05:54		CG/JU	Ok
29	Q2872-01	DRILL CUTTING 1-2 C	BP025497.D	20 Aug 2025 06:35		CG/JU	Ok
30	Q2815-17	TW-84SB-S	BP025498.D	20 Aug 2025 07:16		CG/JU	Ok
31	Q2815-16	TW-17M-S	BP025499.D	20 Aug 2025 07:57		CG/JU	Ok
32	Q2819-05	11M-W	BP025500.D	20 Aug 2025 08:38		CG/JU	Ok
33	Q2820-13	10P-W	BP025501.D	20 Aug 2025 09:19		CG/JU	Ok
34	SSTDCCC040	SSTDCCC040EC	BP025502.D	20 Aug 2025 10:41		CG/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169230

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: 4,5,6,7

Extraction Start Date : 08/12/2025

Extraction Start Time : 11:39

Extraction End Date : 08/12/2025

Extraction End Time : 16:45

Concentration By: RS

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	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	E3954
Baked Na2SO4	N/A	EP2632
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
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
8/12/25	RS (EXT-06)	RC/SVOC
16:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169230

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

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169230BL	SBLK230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169230BS	SLCS230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB169230BSD	SLCSD230	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2815-01	TW-705R-S	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C	Muddy	4
Q2815-02	TW-10PC-W	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		5
Q2815-03	TW-10P-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		6
Q2815-04	TW-10P-S	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C		7
Q2815-05	TW-10P-W	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		8
Q2815-06	TW-10P-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2815-07	TW-88H-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	10
Q2815-08	TW-88H-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	11
Q2815-09	TW-88H-W	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		12
Q2815-10	TW-88H-S	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		13
Q2815-11	TW-22M-W	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	14
Q2815-12	TW-22M-S	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	C	Muddy	15
Q2815-13	TW-22M-E	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	16
Q2815-14	TW-22M-N	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C	Muddy	SEP-1
Q2815-15	TW-17M-E	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C	Muddy	2
Q2825-01	TW1	SVOCMS Group2	940	6	RUPESH	ritesh	1	C		3
Q2837-01	TW-WTS-13	SVOCMS Group4	980	12	RUPESH	ritesh	1	F		4

RS 8/12

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

169230
19:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2825 **WorkList ID :** 191245 **Department :** Extraction **Date :** 08-12-2025 10:33:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2815-01	TW-705R-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-02	TW-10PC-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-03	TW-10P-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-04	TW-10P-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-05	TW-10P-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-06	TW-10P-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/06/2025	8270E
Q2815-07	TW-88H-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-08	TW-88H-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-09	TW-88H-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-10	TW-88H-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/07/2025	8270E
Q2815-11	TW-22M-W	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-12	TW-22M-S	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-13	TW-22M-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-14	TW-22M-N	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2815-15	TW-17M-E	Water	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D41	08/08/2025	8270E
Q2825-01	TW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	08/10/2025	8270E
Q2837-01	TW-WTS-13	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J23	08/12/2025	8270E

Date/Time 8/12/25 11:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by:

Date/Time 8/12/25 12:15
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q2825	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	DeCamp
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2825-01	**TW1**	**Water**			**08/10/25**			**08/11/25**
			SVOCMS Group2	8270E		08/12/25	08/20/25	
			SVOC-SIMGroup1	8270-Modified		08/12/25	08/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2825

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**		

Raw Data: **BN037595.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/10/25
Project:	DeCamp	Date Received:	08/11/25
Client Sample ID:	TW1	SDG No.:	Q2825
Lab Sample ID:	Q2825-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 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
BN037595.D	1	08/12/25 08:52	08/13/25 14:45	PB169222

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	0.21		30 (20) - 150 (139)	53%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.43		30 (27) - 130 (154)	107%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.13		30 (30) - 130 (155)	31%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.44		30 (54) - 130 (175)	109%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1980	7.717			
1146-65-2	Naphthalene-d8	5790	10.498			
15067-26-2	Acenaphthene-d10	4190	14.345			
1517-22-2	Phenanthrene-d10	7070	17.086			
1719-03-5	Chrysene-d12	6070	21.277			
1520-96-3	Perylene-d12	5490	23.51			

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

SAMPLE DATA

QC SUMMARY

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

SW-846

SDG No.: Q2825

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169222BL	PB169222BL	2-Methylnaphthalene-d10	0.4	0.32	80		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	81		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	86		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	94		30 (54)	130 (175)
PB169222BS	PB169222BS	2-Methylnaphthalene-d10	0.4	0.34	84		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	75		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.34	84		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	89		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB169222BSD	PB169222BSD	2-Methylnaphthalene-d10	0.4	0.35	88		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	91		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	97		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)
Q2825-01	TW1	2-Methylnaphthalene-d10	0.4	0.21	53		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.43	107		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.13	31		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.44	109		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2825 **Analytical Method:** 8270-Modified

Client: G Environmental **DataFile:** BN037596.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169222BS	Benzo(a)anthracene	0.4	0.34	ug/L	85				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				70 (76)	130 (117)	

( ) = 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.: Q2825 **Analytical Method:** 8270-Modified

Client: G Environmental **DataFile:** BN037597.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169222BSD	Benzo(a)anthracene	0.4	0.37	ug/L	93	8			70 (54)	130 (130)	20 (20)
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95	11			70 (65)	130 (121)	20 (20)
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88	9			70 (72)	130 (119)	20 (20)
	Benzo(a)pyrene	0.4	0.39	ug/L	98	8			70 (68)	130 (120)	20 (20)
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103	10			70 (76)	130 (117)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169222BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2825

Lab File ID: BN037589.D | Lab Sample ID: PB169222BL

Instrument ID: BNA_N | Date Extracted: 08/12/2025

Matrix: (soil/water) Water | Date Analyzed: 08/13/2025

Level: (low/med) LOW | Time Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169222BS	PB169222BS	BN037596.D	08/13/2025
TW1	Q2825-01	BN037595.D	08/13/2025
PB169222BSD	PB169222BSD	BN037597.D	08/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: BN037576.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_N DFTPP Injection Time: 15:05

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 (0.6) 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	3.9
441	Present, but less than mass 443	87.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.2 (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
SSTDICC0.1	SSTDICC0.1	BN037578.D	08/12/2025	16:26
SSTDICC0.2	SSTDICC0.2	BN037579.D	08/12/2025	17:03
SSTDICCC0.4	SSTDICCC0.4	BN037580.D	08/12/2025	17:39
SSTDICC0.8	SSTDICC0.8	BN037581.D	08/12/2025	18:16
SSTDICC1.6	SSTDICC1.6	BN037582.D	08/12/2025	18:52
SSTDICC3.2	SSTDICC3.2	BN037583.D	08/12/2025	19:29
SSTDICC5.0	SSTDICC5.0	BN037584.D	08/12/2025	20:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2825

Lab File ID: BN037587.D DFTPP Injection Date: 08/13/2025

Instrument ID: BNA_N DFTPP Injection Time: 09:48

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 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	74.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (21) 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	BN037588.D	08/13/2025	10:28
PB169222BL	PB169222BL	BN037589.D	08/13/2025	11:05
TW1	Q2825-01	BN037595.D	08/13/2025	14:45
PB169222BS	PB169222BS	BN037596.D	08/13/2025	15:22
PB169222BSD	PB169222BSD	BN037597.D	08/13/2025	15:58

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID : SSTDCCC0.4 Date Analyzed: 08/13/2025

Lab File ID: BN037588.D Time Analyzed: 10:28

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	2728	7.717	6843	10.50	3392	14.35
	UPPER LIMIT	5456	8.217	13686	10.998	6784	14.845
	LOWER LIMIT	1364	7.217	3421.5	9.998	1696	13.845
	EPA SAMPLE NO.						
01	PB169222BL	2235	7.72	5344	10.50	2468	14.35
02	PB169222BS	3068	7.72	7591	10.50	3534	14.35
03	PB169222BSD	2742	7.72	6598	10.50	3080	14.35
04	TW1	1978	7.72	5793	10.50	4192	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2825

Client ID: SSTDCCC0.4 Date Analyzed: 08/13/2025

Lab File ID: BN037588.D Time Analyzed: 10:28

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	6530	17.086	6467	21.268	5771	23.505
	UPPER LIMIT	13060	17.586	12934	21.768	11542	24.005
	LOWER LIMIT	3265	16.586	3233.5	20.768	2885.5	23.005
	EPA SAMPLE NO.						
01	PB169222BL	4726	17.10	3815	21.27	3770	23.51
02	PB169222BS	6432	17.09	4873	21.28	4192	23.51
03	PB169222BSD	5659	17.09	4216	21.28	3616	23.51
04	TW1	7073	17.09	6070	21.28	5492	23.51

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: **BN037589.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	DeCamp			Date Received:	
Client Sample ID:	PB169222BL			SDG No.:	Q2825
Lab Sample ID:	PB169222BL			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
BN037589.D	1	08/12/25 08:52	08/13/25 11:05	PB169222

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)	80%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 (54) - 150 (157)	81%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	86%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	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	2240	7.717			
1146-65-2	Naphthalene-d8	5340	10.498			
15067-26-2	Acenaphthene-d10	2470	14.345			
1517-22-2	Phenanthrene-d10	4730	17.099			
1719-03-5	Chrysene-d12	3820	21.268			
1520-96-3	Perylene-d12	3770	23.508			

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: **BN037596.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:	DeCamp	Date Received:	
Client Sample ID:	PB169222BS	SDG No.:	Q2825
Lab Sample ID:	PB169222BS	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
BN037596.D	1	08/12/25 08:52	08/13/25 15:22	PB169222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.34		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.34		30 (20) - 150 (139)	84%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (54) - 150 (157)	75%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (154)	84%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	89%	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	3070	7.717			
1146-65-2	Naphthalene-d8	7590	10.498			
15067-26-2	Acenaphthene-d10	3530	14.345			
1517-22-2	Phenanthrene-d10	6430	17.086			
1719-03-5	Chrysene-d12	4870	21.277			
1520-96-3	Perylene-d12	4190	23.51			

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: **BN037597.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:	DeCamp			Date Received:	
Client Sample ID:	PB169222BSD			SDG No.:	Q2825
Lab Sample ID:	PB169222BSD			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
BN037597.D	1	08/12/25 08:52	08/13/25 15:58	PB169222

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	0.38		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.35		30 (20) - 150 (139)	88%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 (54) - 150 (157)	80%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	91%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		30 (30) - 130 (155)	97%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.41		30 (54) - 130 (175)	101%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2740	7.717			
1146-65-2	Naphthalene-d8	6600	10.498			
15067-26-2	Acenaphthene-d10	3080	14.345			
1517-22-2	Phenanthrene-d10	5660	17.086			
1719-03-5	Chrysene-d12	4220	21.277			
1520-96-3	Perylene-d12	3620	23.505			

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-BN081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 13 05:00:58 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037578.D 0.2 =BN037579.D 0.4 =BN037580.D 0.8 =BN037581.D 1.6 =BN037582.D 3.2 =BN037583.D 5 =BN037584.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	0.413	0.395	0.368	0.397	0.375	0.348	0.383		6.08
3)		n-Nitrosodimet...	0.471	0.488	0.471	0.493	0.503	0.508	0.489		3.19
4)	S	2-Fluorophenol	0.922	0.945	0.888	0.823	0.886	0.906	0.977	0.907	5.41
5)	S	Phenol-d6	1.045	1.051	1.044	0.983	1.198	1.117	1.201	1.091	7.66
6)		bis(2-Chloroet...	0.935	0.987	0.976	0.936	1.020	1.008	1.022	0.983	3.75
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.270	0.257	0.262	0.264	0.292	0.301	0.326	0.282	9.03
9)		Naphthalene	1.044	1.050	1.037	1.012	1.089	1.096	1.127	1.065	3.78
10)		Hexachlorobuta...	0.252	0.258	0.262	0.253	0.267	0.264	0.265	0.260	2.22
11)	SURR	2-Methylnaphth...	0.488	0.492	0.508	0.493	0.543	0.578	0.705	0.544	14.39
12)		2-Methylnaphth...	0.589	0.631	0.635	0.629	0.701	0.731	0.760	0.668	9.39
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.139	0.149	0.156	0.160	0.185	0.203	0.234	0.175	19.39
15)	S	2-Fluorobiphenyl	2.226	2.243	2.300	2.251	2.341	2.391	2.440	2.313	3.50
16)		Acenaphthylene	1.740	1.760	1.710	1.653	1.850	1.858	1.980	1.793	6.15
17)		Acenaphthene	1.144	1.150	1.172	1.154	1.283	1.286	1.348	1.220	6.86
18)		Fluorene	1.466	1.510	1.524	1.521	1.686	1.693	1.770	1.596	7.38
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.042	0.046	0.047	0.061	0.070		0.053		22.37
21)		4-Bromophenyl-...	0.226	0.236	0.234	0.237	0.265	0.271	0.292	0.251	9.77
22)		Hexachlorobenzene	0.360	0.360	0.356	0.332	0.364	0.354	0.370	0.356	3.37
23)		Atrazine	0.127	0.126	0.130	0.134	0.160	0.176		0.142	14.76
24)		Pentachlorophenol	0.108	0.113	0.113	0.139	0.152		0.125		15.36
25)		Phenanthrene	1.146	1.162	1.170	1.138	1.281	1.269	1.347	1.216	6.72
26)		Anthracene	0.950	0.985	0.995	0.988	1.145	1.186	1.286	1.077	11.93
27)	SURR	Fluoranthene-d10	0.932	0.966	0.954	0.935	1.050	1.110	1.419	1.052	16.61
28)		Fluoranthene	1.241	1.264	1.299	1.291	1.503	1.533	1.648	1.397	11.53
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.539	1.486	1.464	1.403	1.502	1.520	1.552	1.495	3.38
31)	S	Terphenyl-d14	0.814	0.801	0.796	0.763	0.833	0.853	0.901	0.823	5.45
32)		Benzo(a)anthra...	1.266	1.275	1.263	1.253	1.351	1.458	1.487	1.336	7.40
33)		Chrysene	1.547	1.515	1.433	1.379	1.511	1.489	1.551	1.489	4.21
34)		Bis(2-ethylhex...	0.518	0.522	0.483	0.522	0.593	0.671	0.551		12.47
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN081225.M

36)		Indeno(1,2,3-c...	1.446	1.462	1.612	1.568	1.816	1.883	2.011	1.686	13.01
37)		Benzo(b)fluora...	1.351	1.375	1.338	1.432	1.615	1.674	1.825	1.516	12.52
38)		Benzo(k)fluora...	1.597	1.580	1.651	1.628	1.821	1.797	1.898	1.710	7.36
39)	C	Benzo(a)pyrene	1.146	1.136	1.149	1.157	1.322	1.382	1.508	1.257	11.77
40)		Dibenzo(a,h)an...	1.023	1.118	1.222	1.215	1.439	1.516	1.621	1.308	16.85
41)		Benzo(g,h,i)pe...	1.207	1.274	1.262	1.261	1.467	1.532	1.643	1.378	12.17

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2825

Instrument ID: BNA_N Calibration Date/Time: 08/13/2025 10:28

Lab File ID: BN037588.D Init. Calib. Date(s): 08/12/2025 08/12/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 16:26 20:05

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.544	0.508		-6.6	20.0
Fluoranthene-d10	1.052	0.929		-11.7	20.0
2-Fluorophenol	0.907	0.923		1.8	20.0
Phenol-d6	1.091	1.135		4.0	20.0
Nitrobenzene-d5	0.282	0.265		-6.0	20.0
2-Fluorobiphenyl	2.313	2.297		-0.7	20.0
2,4,6-Tribromophenol	0.175	0.166		-5.1	20.0
Terphenyl-d14	0.823	0.727		-11.7	20.0
Benzo(a)anthracene	1.336	1.415		5.9	20.0
Benzo(b)fluoranthene	1.516	1.358		-10.4	20.0
Benzo(k)fluoranthene	1.710	1.544		-9.7	20.0
Benzo(a)pyrene	1.257	1.227		-2.4	20.0
Benzo(g,h,i)perylene	1.378	1.279		-7.2	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037595.D
Acq On : 13 Aug 2025 14:45
Operator : RC/JU
Sample : Q2825-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Aug 13 15:19:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

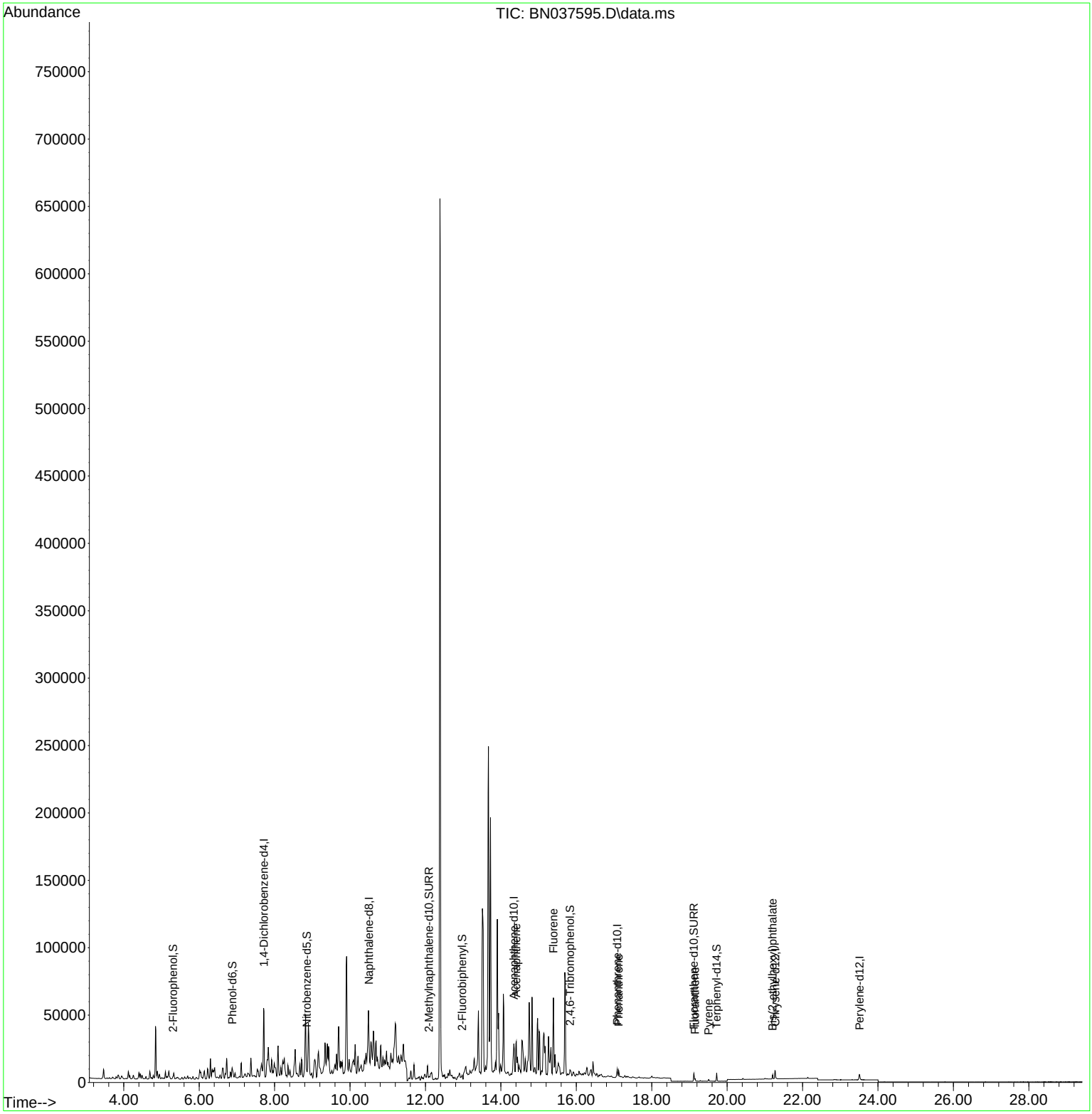
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	1978	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5793	0.400	ng	#	0.00
13) Acenaphthene-d10	14.345	164	4192	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	7073	0.400	ng		0.00
29) Chrysene-d12	21.277	240	6070	0.400	ng		0.00
35) Perylene-d12	23.510	264	5492	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	652	0.145	ng		0.00
5) Phenol-d6	6.879	99	579	0.107	ng		0.00
8) Nitrobenzene-d5	8.854	82	1752	0.429	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	1676	0.213	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	591	0.322	ng		0.00
15) 2-Fluorobiphenyl	12.973	172	3019	0.125	ng		0.00
27) Fluoranthene-d10	19.118	212	6592	0.354	ng		0.00
31) Terphenyl-d14	19.722	244	5458	0.437	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	14.409	154	6297	0.493	ng	#	77
18) Fluorene	15.392	166	23457	1.403	ng	#	90
25) Phenanthrene	17.124	178	5367	0.250	ng		97
28) Fluoranthene	19.150	202	1581	0.064	ng		98
30) Pyrene	19.508	202	1296	0.057	ng	#	88
34) Bis(2-ethylhexyl)phtha...	21.205	149	2748	0.328	ng		98

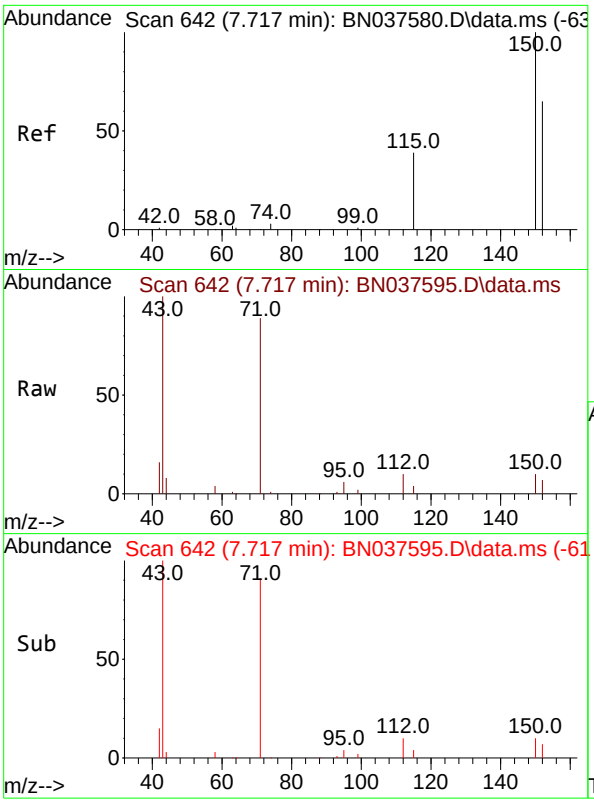
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037595.D
Acq On : 13 Aug 2025 14:45
Operator : RC/JU
Sample : Q2825-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Aug 13 15:19:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



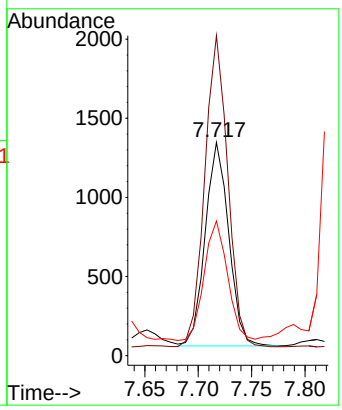


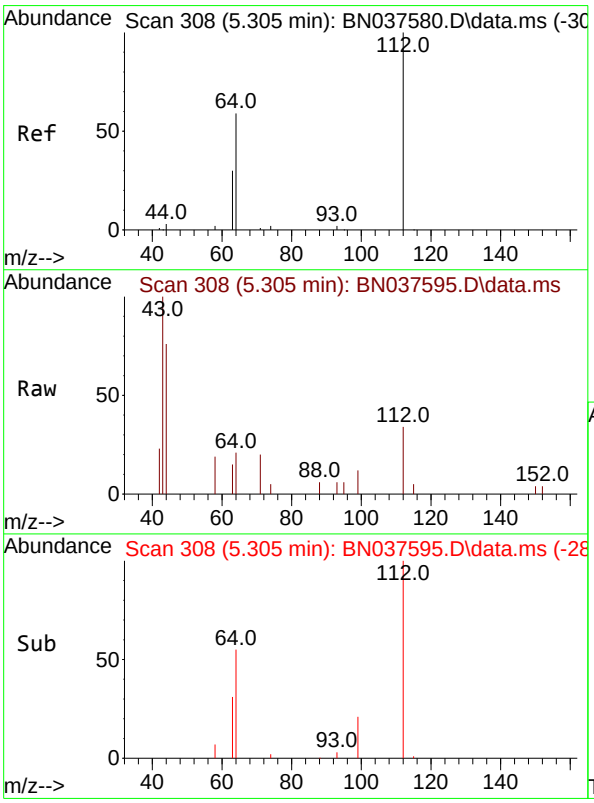
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:152 Resp: 1978

Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.2	183.4
115	63.1	49.8	74.6

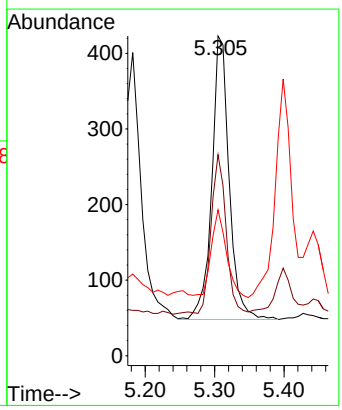


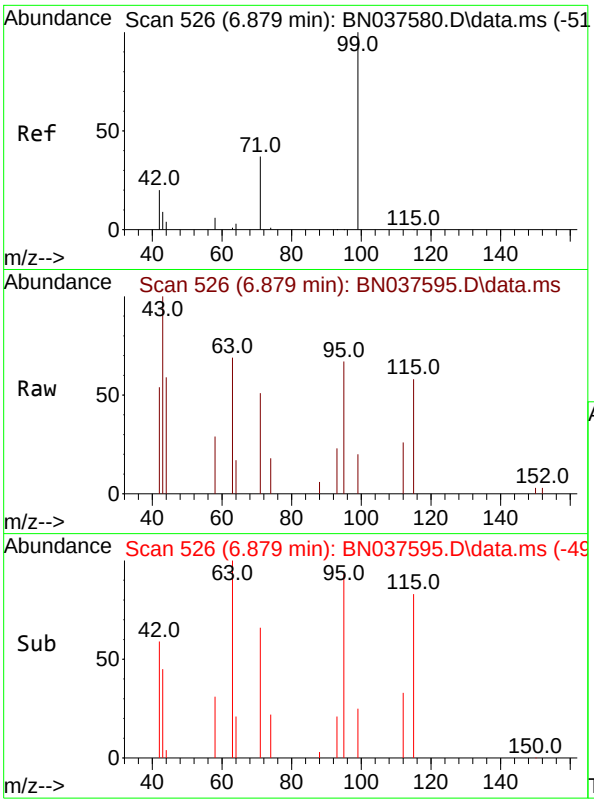


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:112 Resp: 652

Ion	Ratio	Lower	Upper
112	100		
64	49.1	44.9	67.3
63	30.7	23.4	35.2



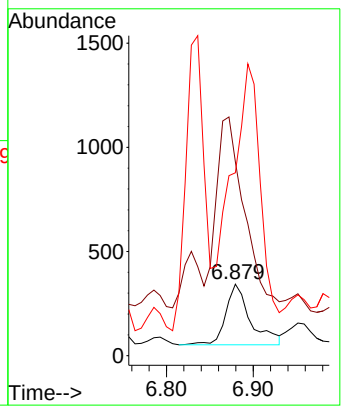


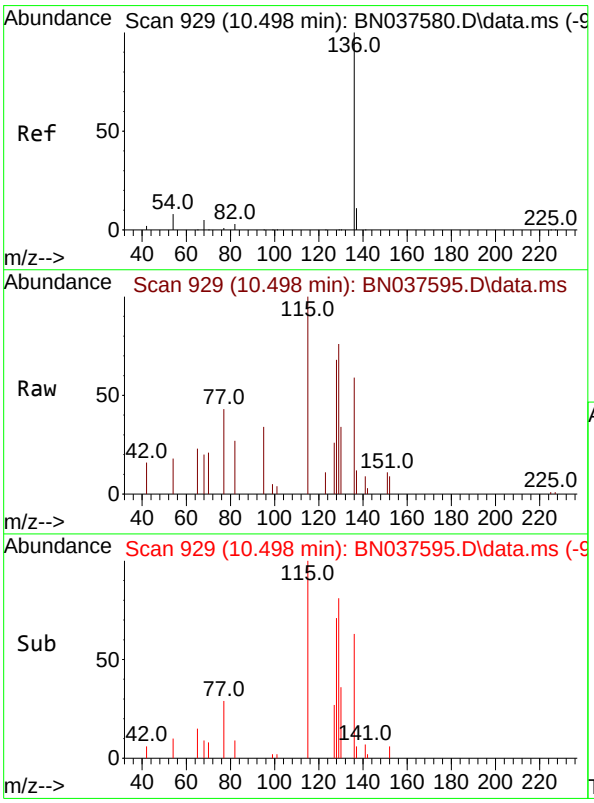
#5
Phenol-d6
Concen: 0.107 ng
RT: 6.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 579

Ion	Ratio	Lower	Upper
99	100		
42	363.2	18.5	27.7#
71	0.0	28.6	42.8#

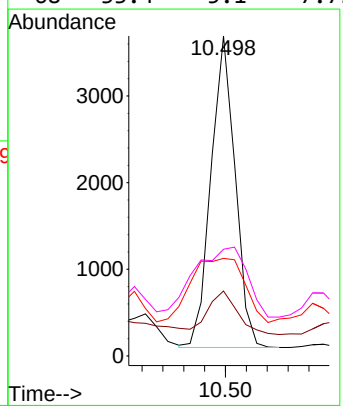


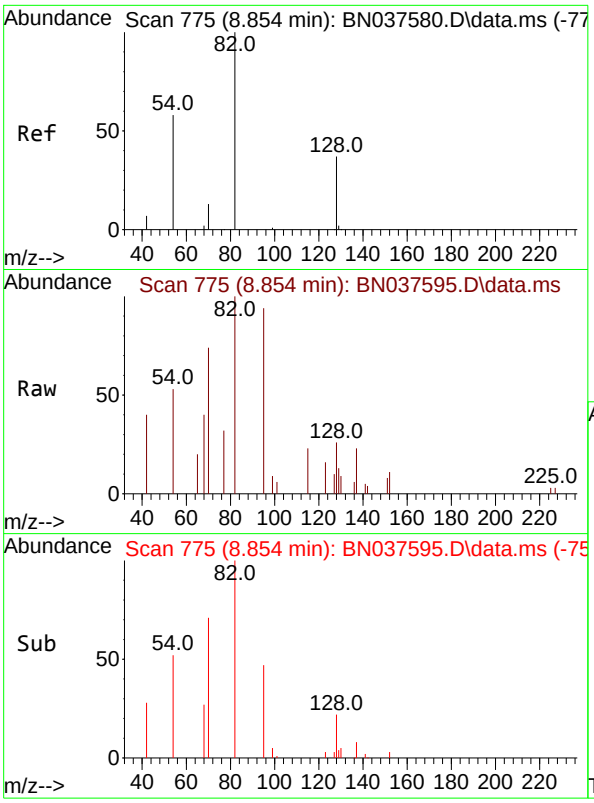


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:136 Resp: 5793

Ion	Ratio	Lower	Upper
136	100		
137	20.3	9.5	14.3#
54	30.5	7.3	10.9#
68	33.4	5.1	7.7#



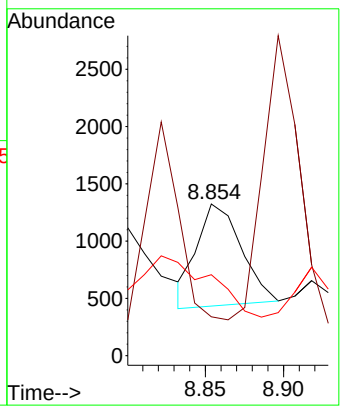


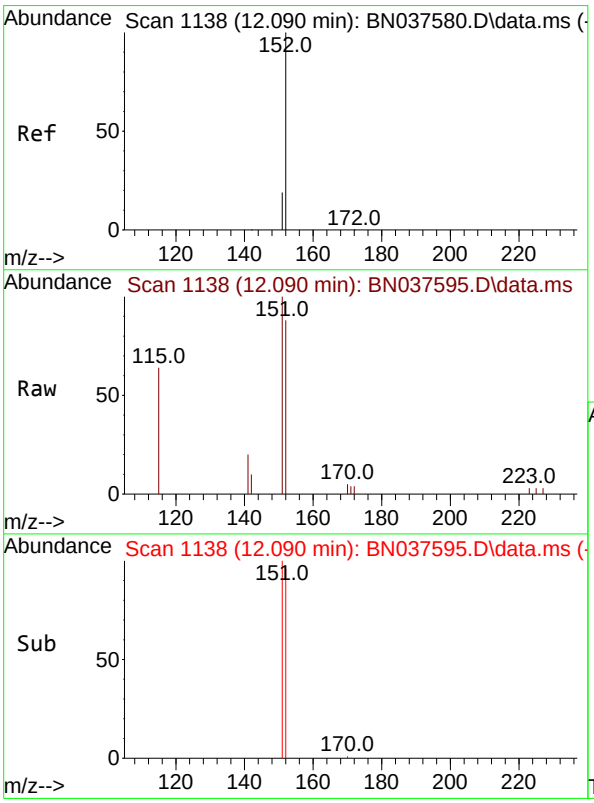
#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 8.854 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 82 Resp: 1752

Ion	Ratio	Lower	Upper
82	100		
128	25.7	32.6	48.8#
54	53.4	48.9	73.3

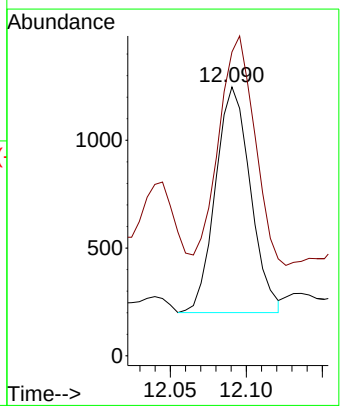


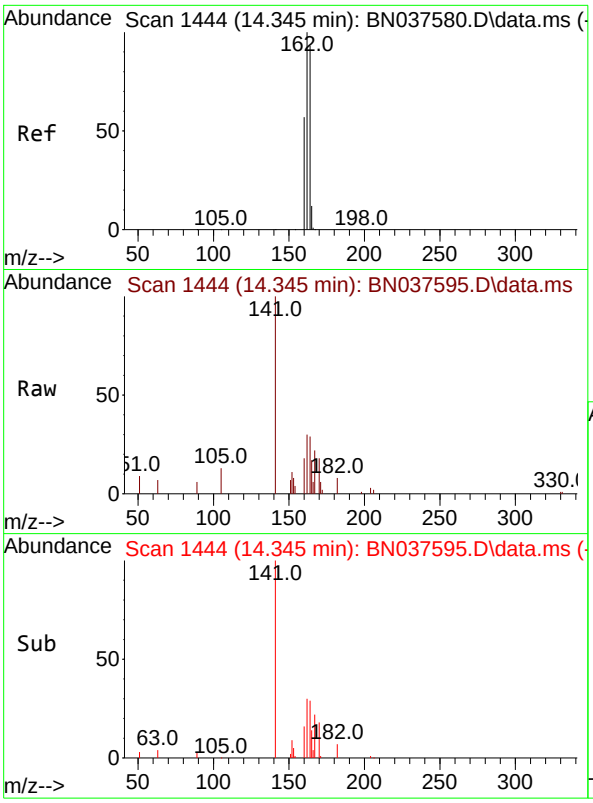


#11
2-Methylnaphthalene-d10
Concen: 0.213 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:152 Resp: 1676

Ion	Ratio	Lower	Upper
152	100		
151	109.2	17.3	25.9#



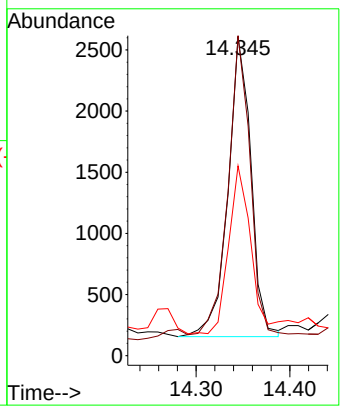


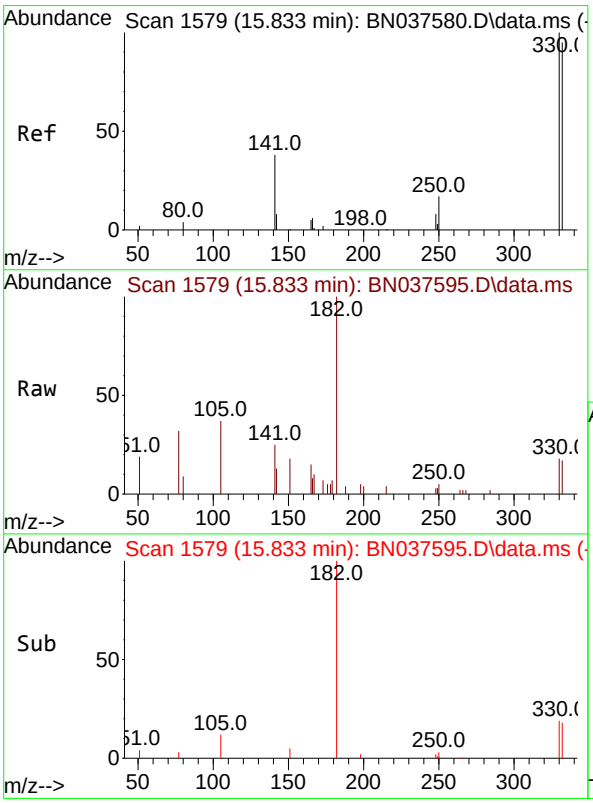
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:164 Resp: 4192

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.5	128.3
160	59.5	49.5	74.3

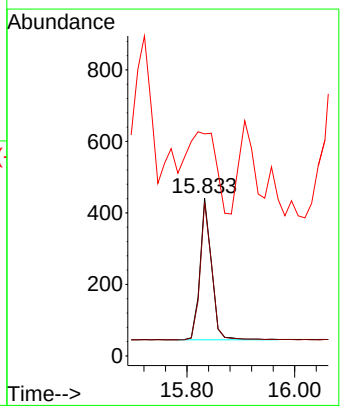


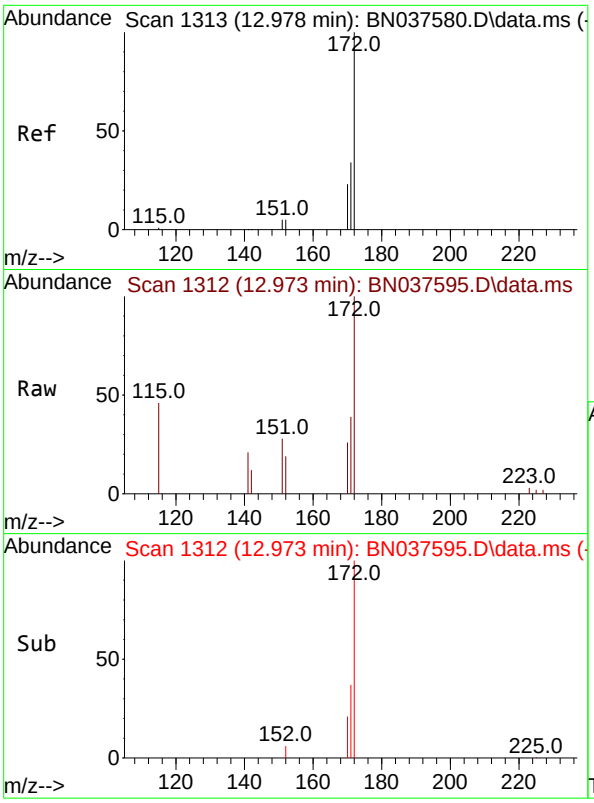


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	146.4	30.9	46.3#



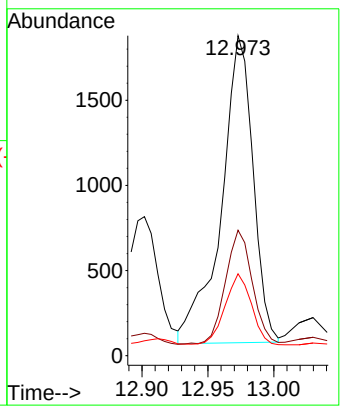


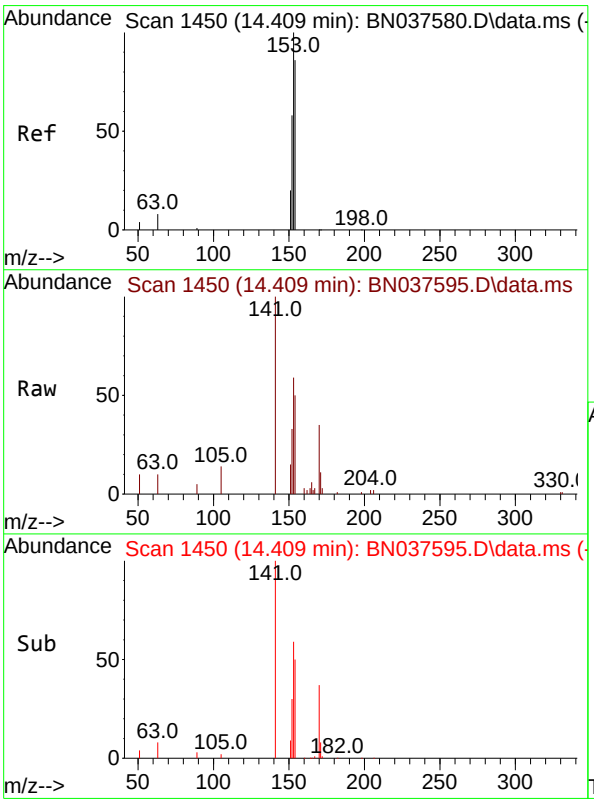
#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:172 Resp: 3019

Ion	Ratio	Lower	Upper
172	100		
171	39.2	28.2	42.4
170	25.6	19.2	28.8

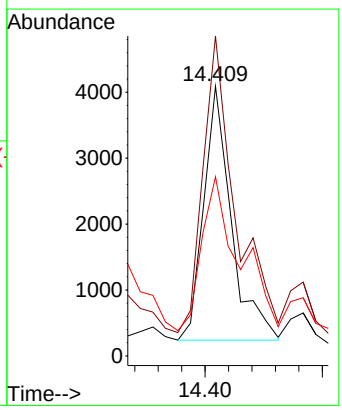


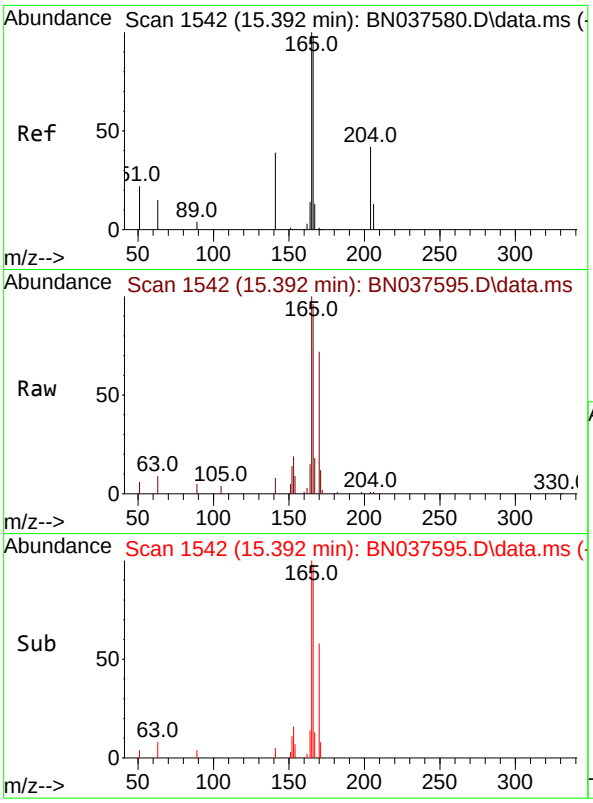


#17
Acenaphthene
Concen: 0.493 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:154 Resp: 6297

Ion	Ratio	Lower	Upper
154	100		
153	142.3	90.6	135.8#
152	82.7	54.9	82.3#



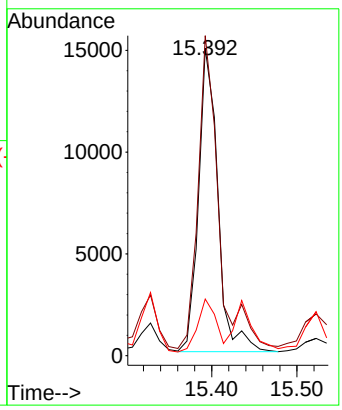


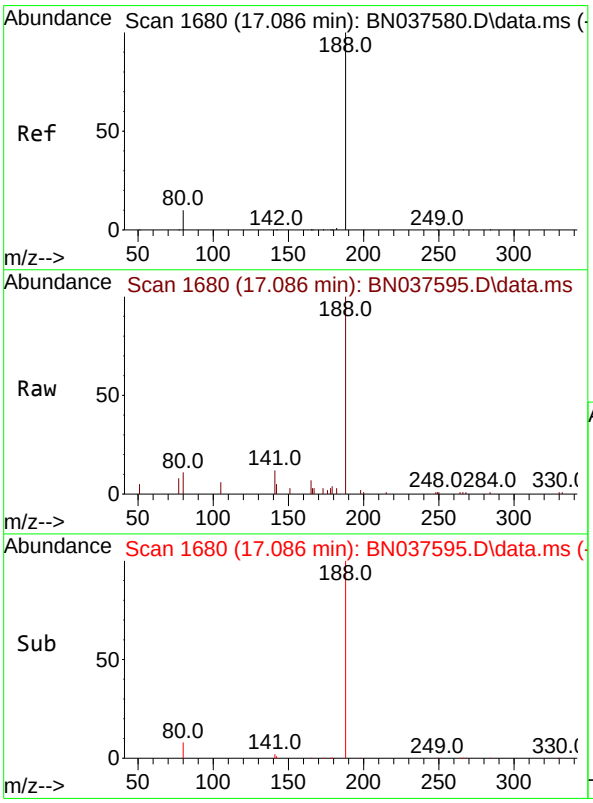
#18
Fluorene
Concen: 1.403 ng
RT: 15.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:166 Resp: 23457

Ion	Ratio	Lower	Upper
166	100		
165	108.5	78.9	118.3
167	16.7	10.7	16.1#

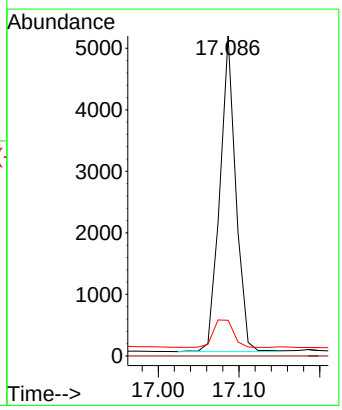


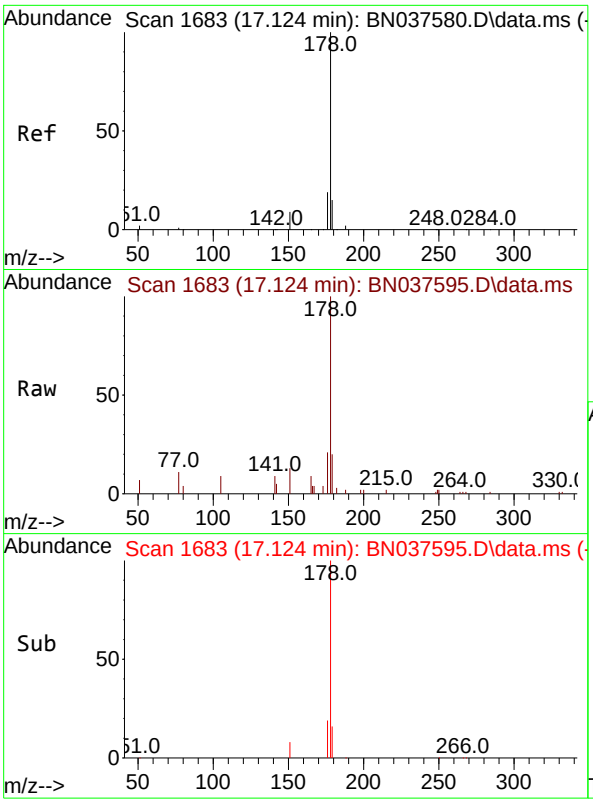


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:188 Resp: 7073

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	9.1	13.7



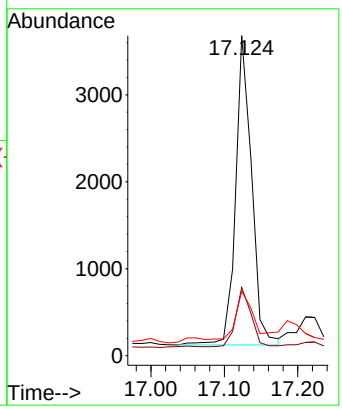


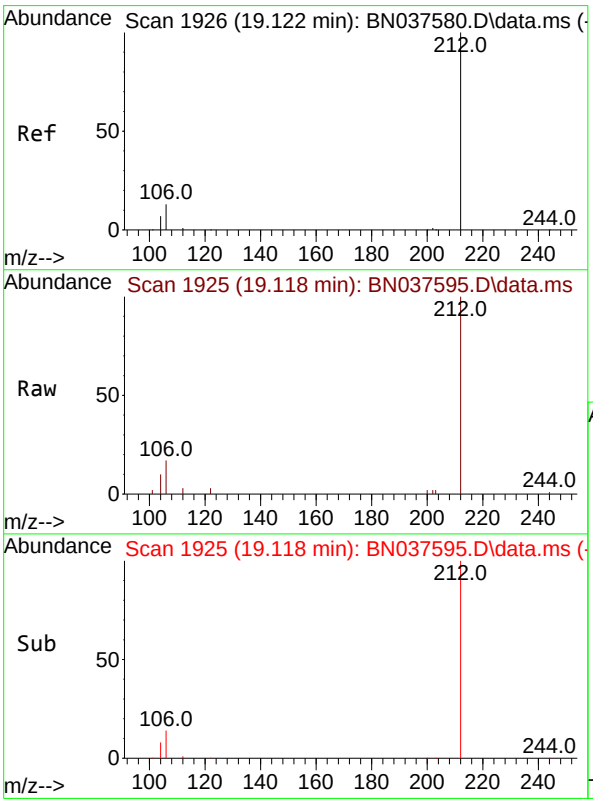
#25
Phenanthrene
Concen: 0.250 ng
RT: 17.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:178 Resp: 5367

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	18.2	12.3	18.5

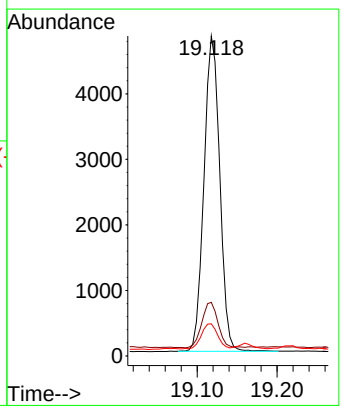


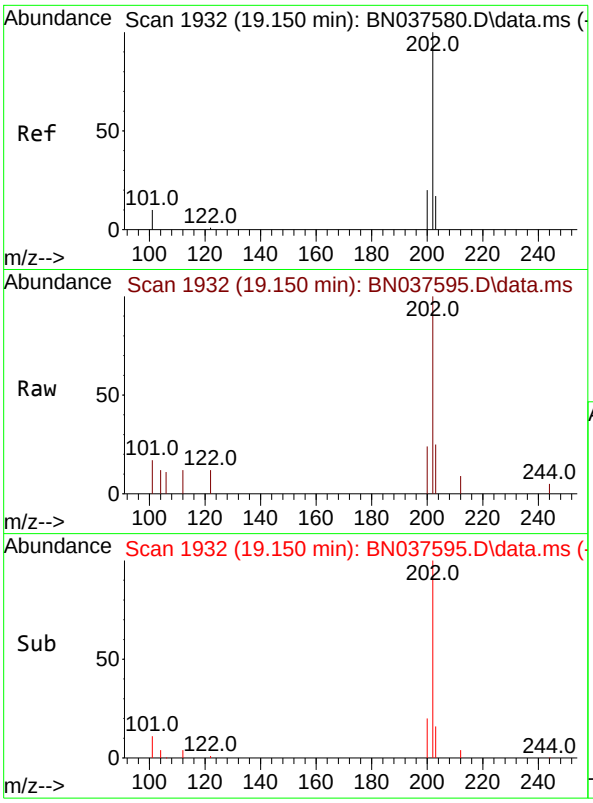


#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:212 Resp: 6592

Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.5	17.3
104	8.5	6.6	9.8



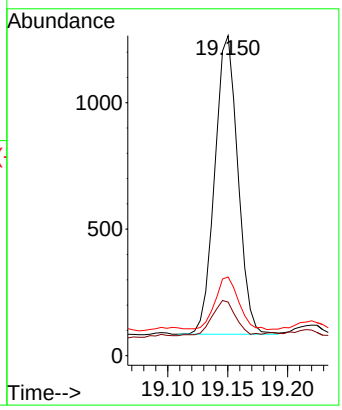


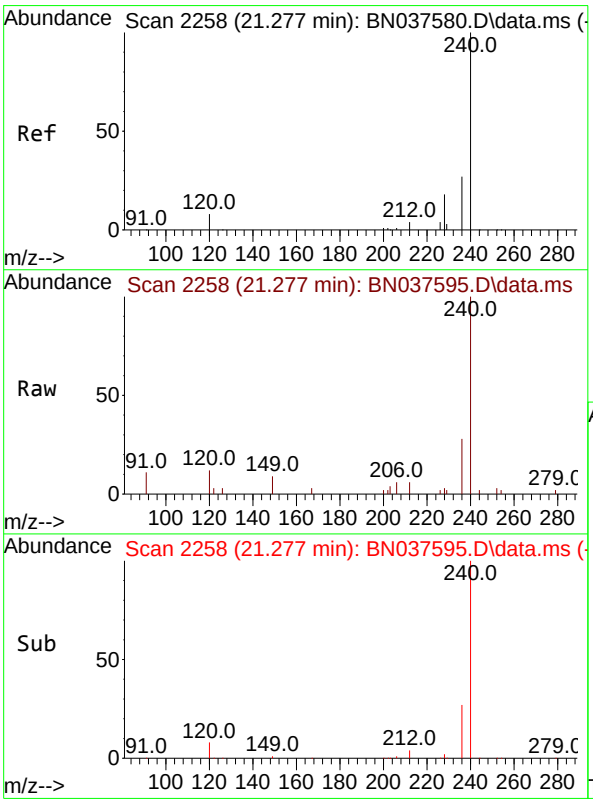
#28
Fluoranthene
Concen: 0.064 ng
RT: 19.150 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 1581

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.0	13.6
203	17.4	13.8	20.8

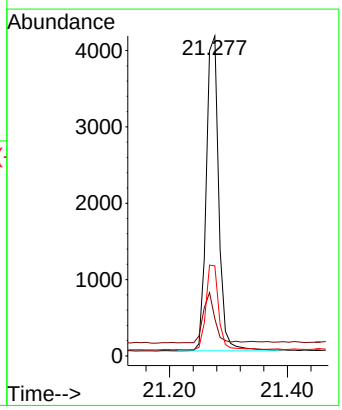


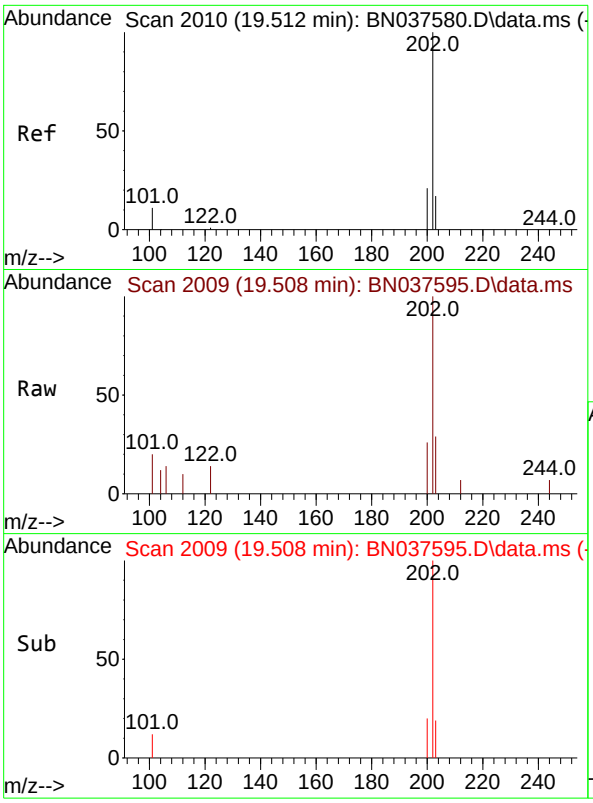


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:240 Resp: 6070

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	28.2	22.6	33.8



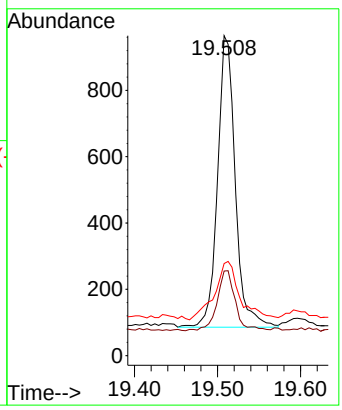


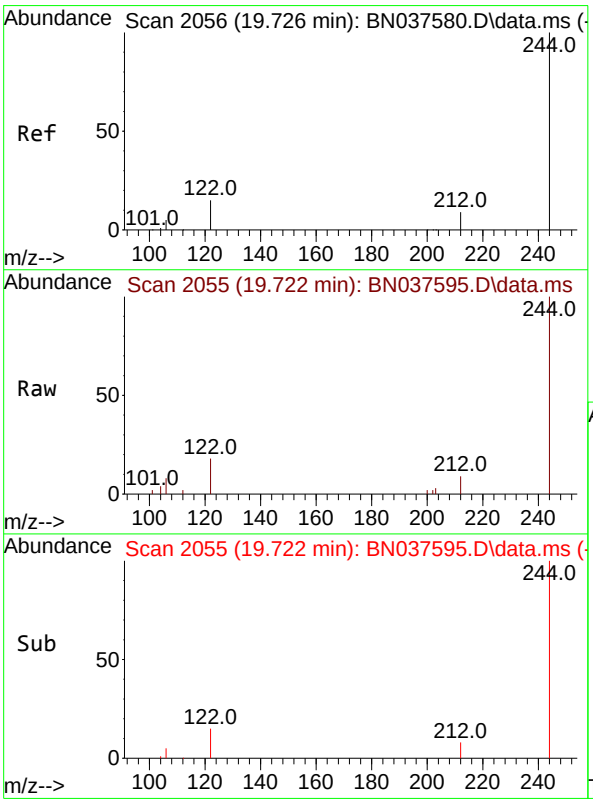
#30
Pyrene
Concen: 0.057 ng
RT: 19.508 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 1296

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	29.0	14.3	21.5#

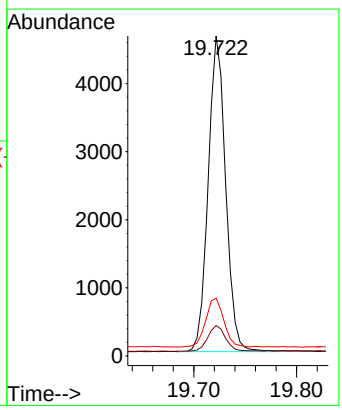


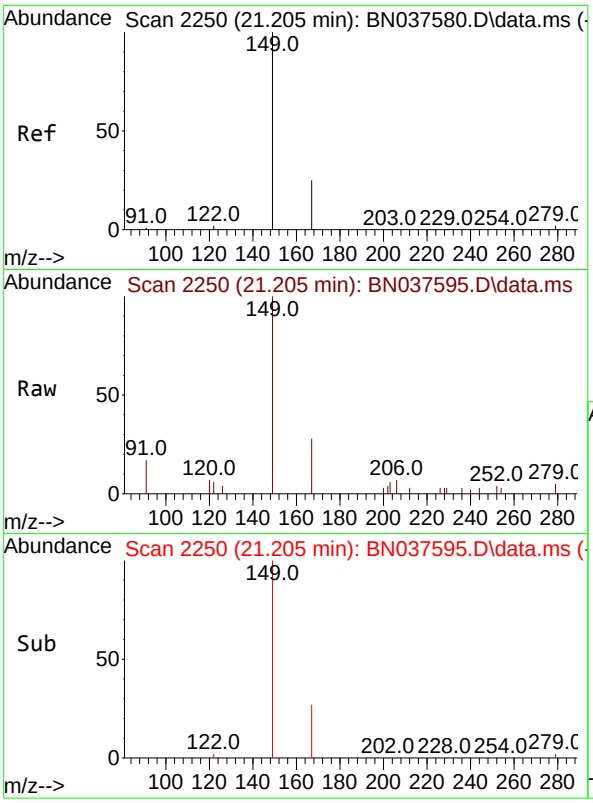


#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:244 Resp: 5458

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.2	12.2
122	18.0	13.2	19.8



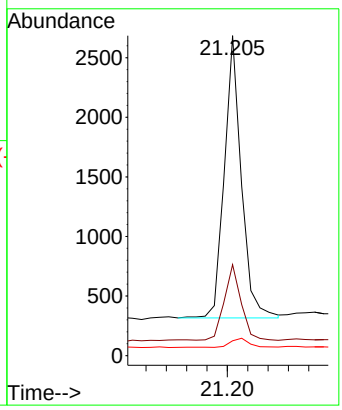


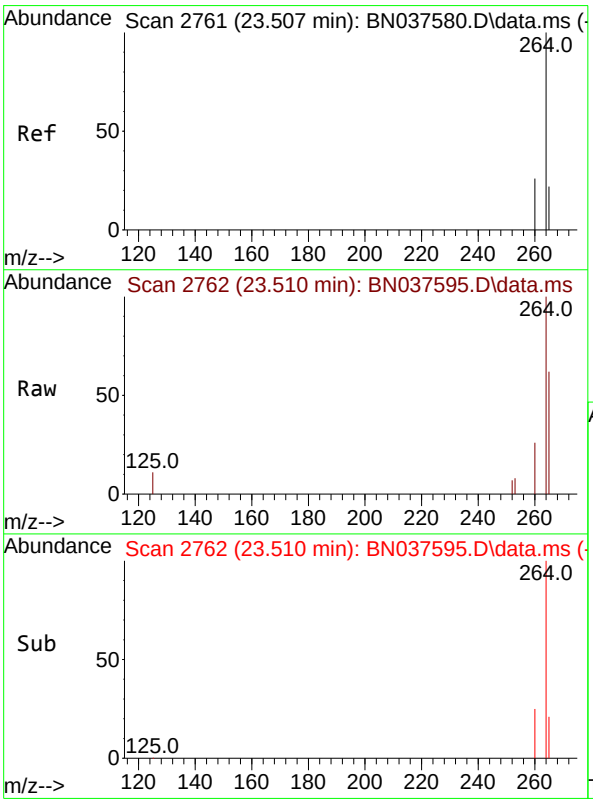
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.205 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:149 Resp: 2748

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.5	30.7
279	3.7	2.6	4.0

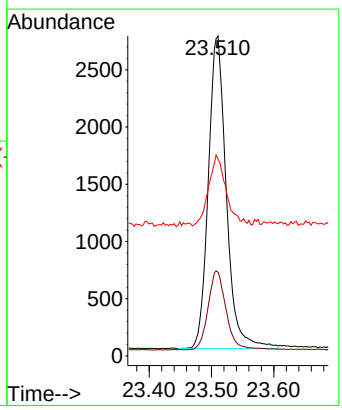




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 2762
Delta R.T. 0.003 min
Lab File: BN037595.D
Acq: 13 Aug 2025 14:45

Tgt Ion:264 Resp: 5492

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.6	32.4
265	61.5	48.2	72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037589.D
Acq On : 13 Aug 2025 11:05
Operator : RC/JU
Sample : PB169222BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Quant Time: Aug 13 11:31:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

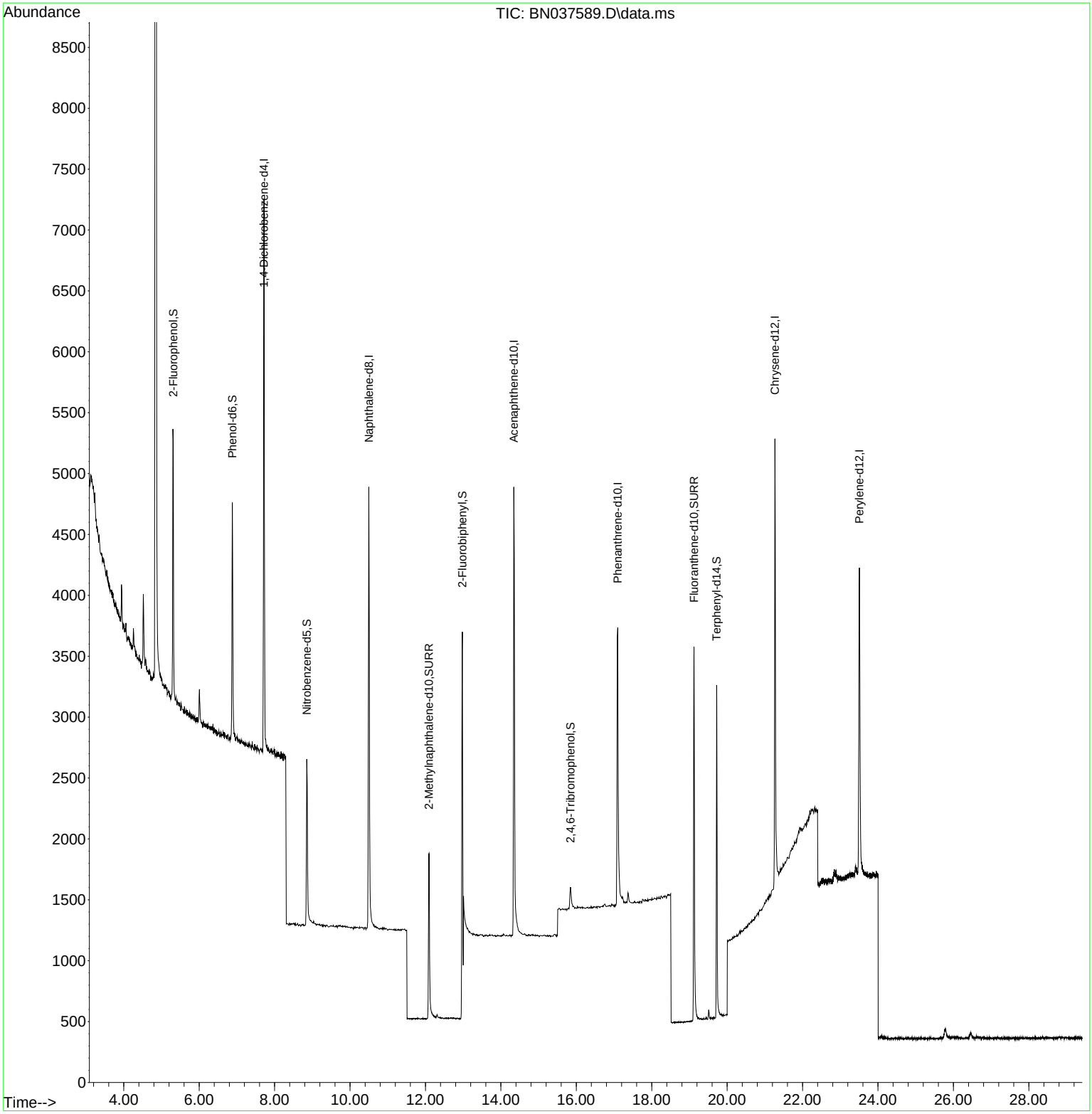
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2235	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5344	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2468	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4726	0.400	ng	0.01
29) Chrysene-d12	21.268	240	3815	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	3770	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1799	0.355	ng	0.00
5) Phenol-d6	6.879	99	1927	0.316	ng	0.00
8) Nitrobenzene-d5	8.854	82	1286	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2324	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	184	0.170	ng	0.01
15) 2-Fluorobiphenyl	12.978	172	4926	0.345	ng	0.00
27) Fluoranthene-d10	19.122	212	4019	0.323	ng	0.00
31) Terphenyl-d14	19.722	244	2955	0.376	ng	0.00
Target Compounds						Qvalue

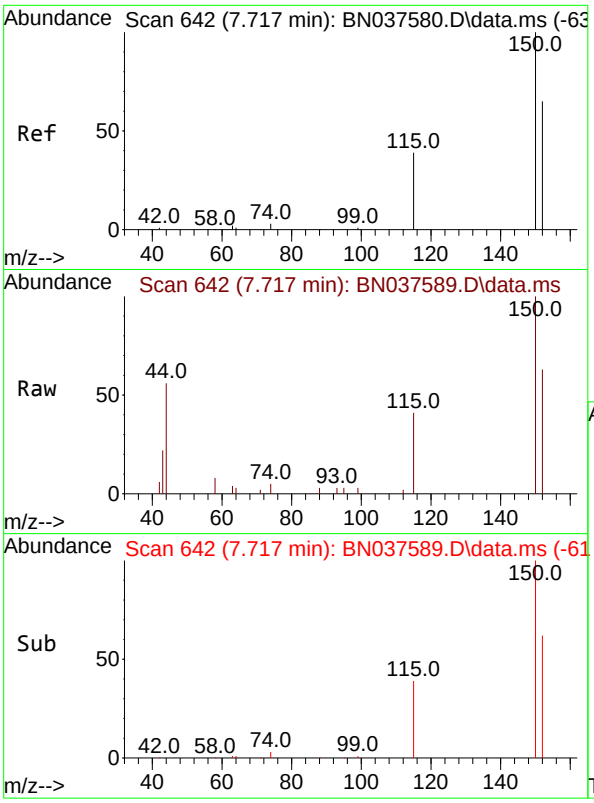
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037589.D
Acq On : 13 Aug 2025 11:05
Operator : RC/JU
Sample : PB169222BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Quant Time: Aug 13 11:31:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



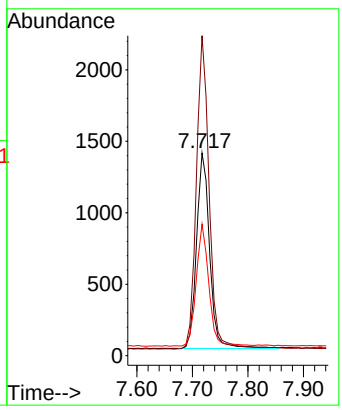


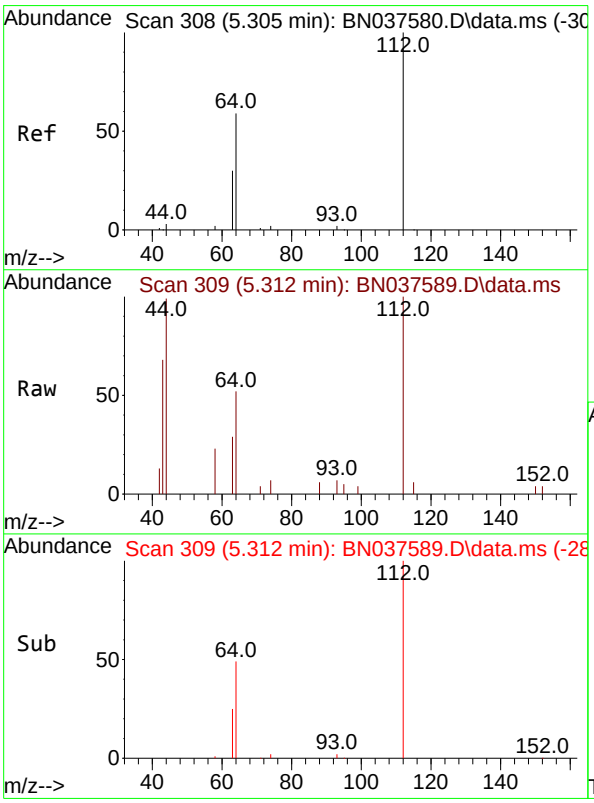
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion:152 Resp: 2235

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.2	183.4
115	64.9	49.8	74.6

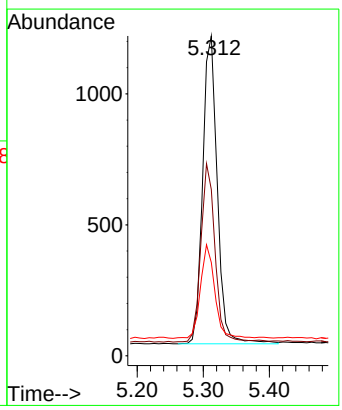


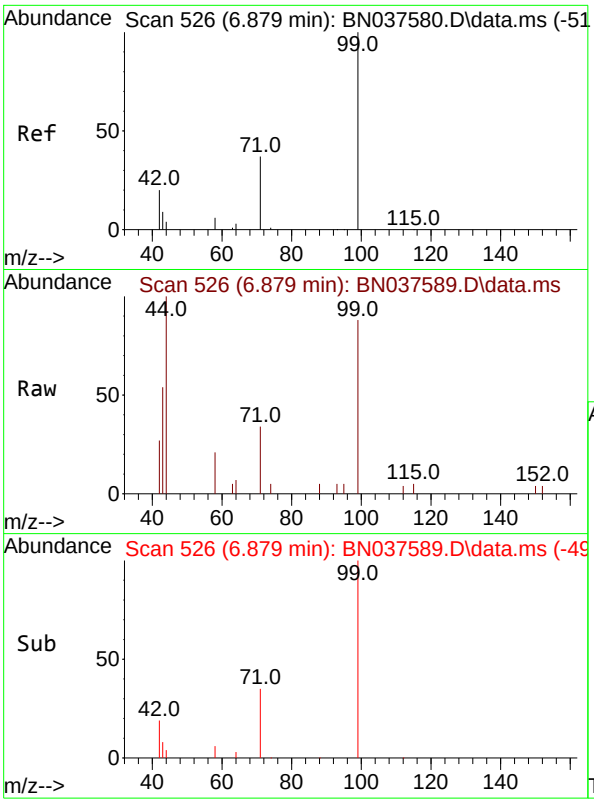


#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.007 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:112 Resp: 1799

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.9	67.3
63	29.9	23.4	35.2



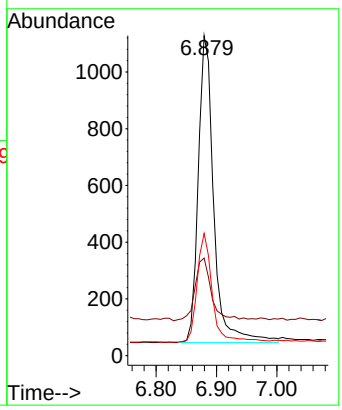


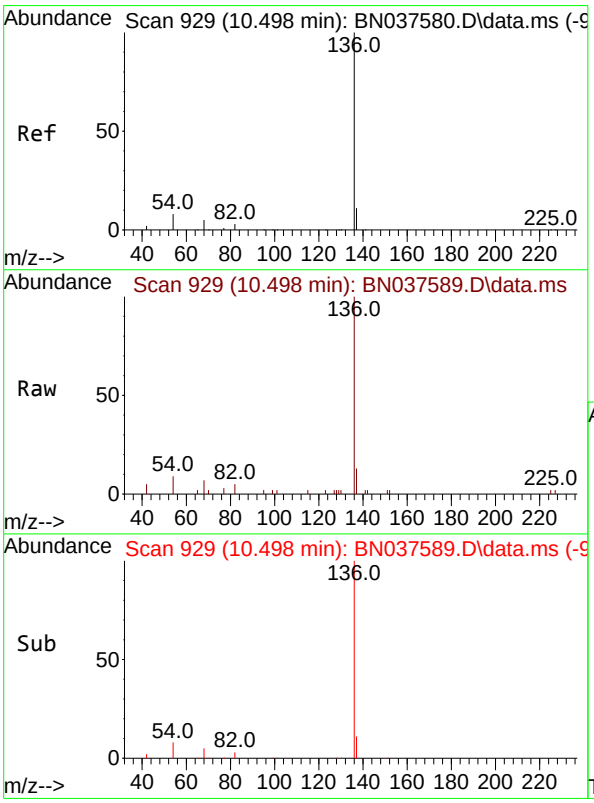
#5
Phenol-d6
Concen: 0.316 ng
RT: 6.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion: 99 Resp: 1927

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	34.4	28.6	42.8

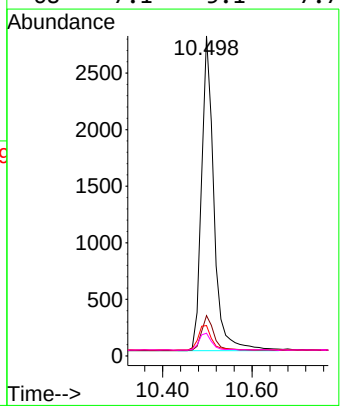


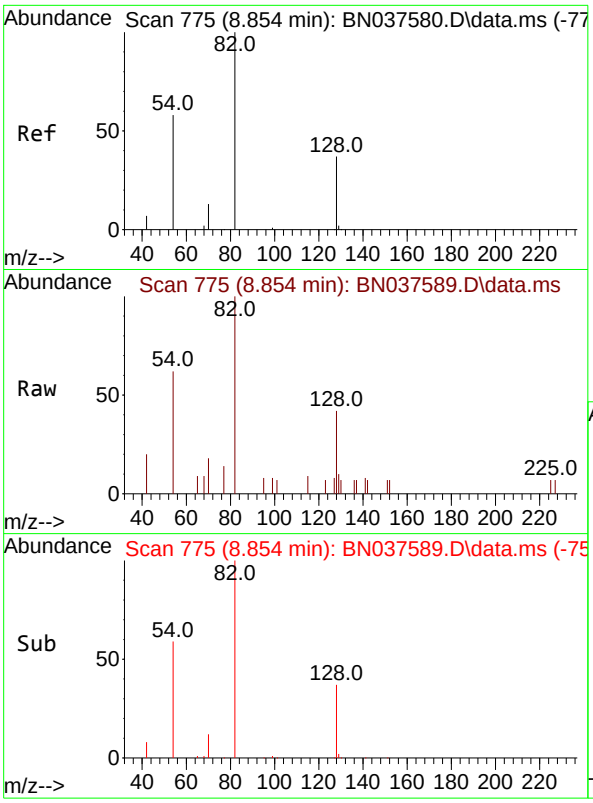


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:136 Resp: 5344

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	9.5	7.3	10.9
68	7.1	5.1	7.7



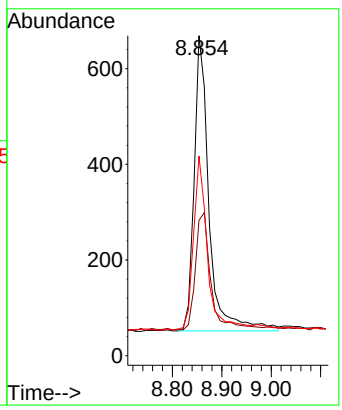


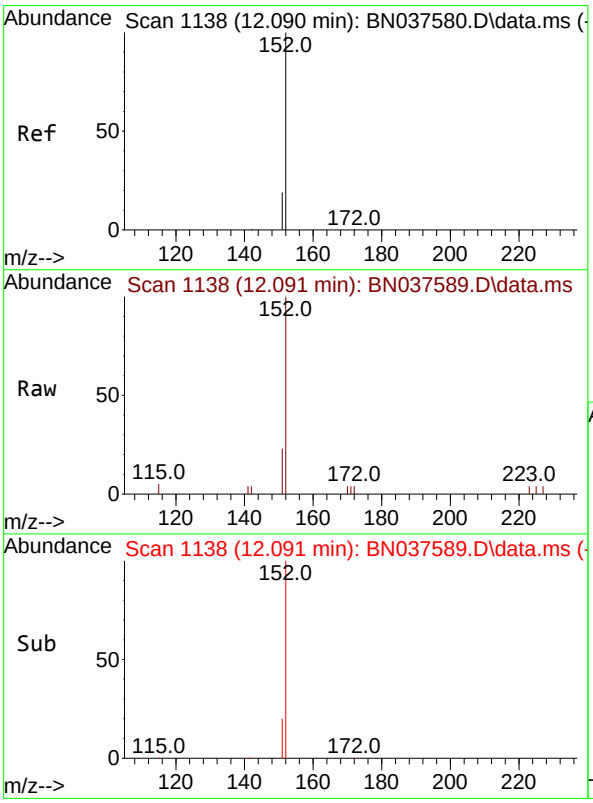
#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.854 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion: 82 Resp: 1286

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.6	48.8
54	62.3	48.9	73.3

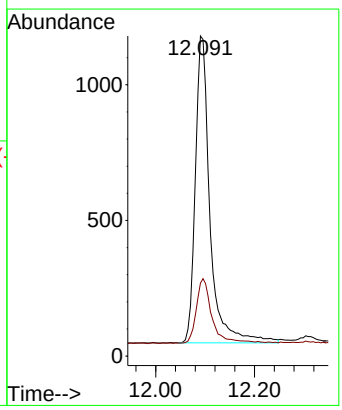


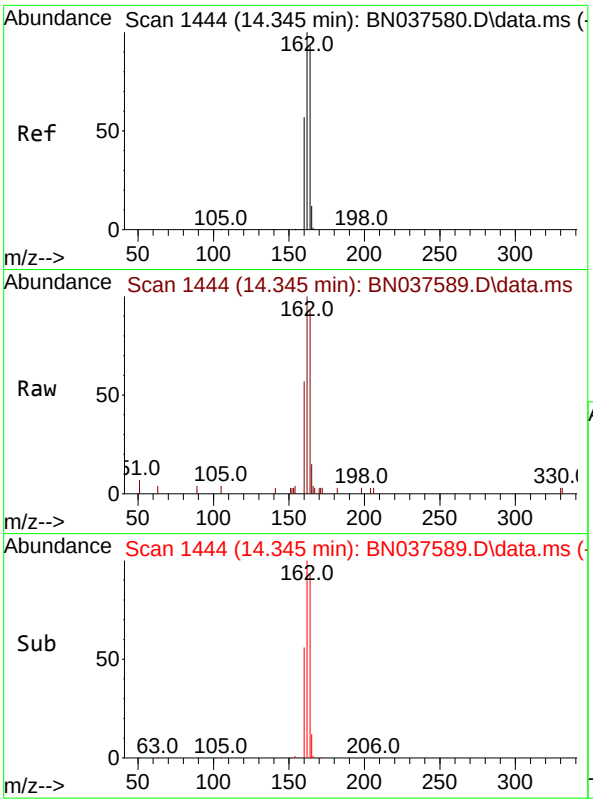


#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:152 Resp: 2324

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.3	25.9



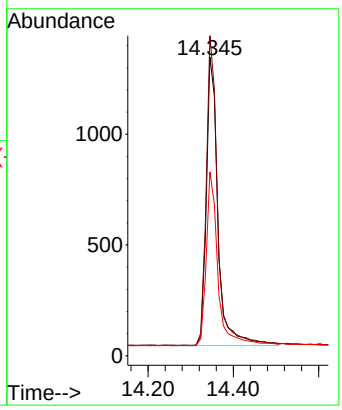


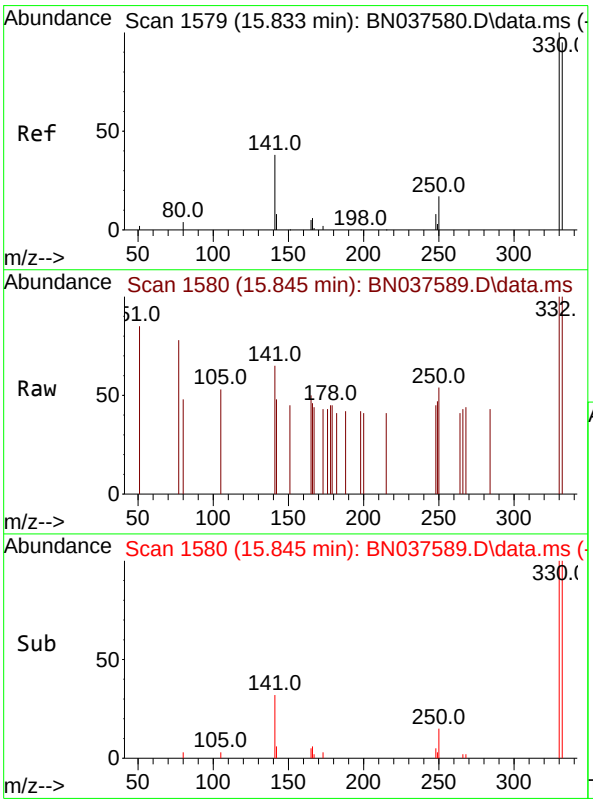
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion:164 Resp: 2468

Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.5	128.3
160	61.5	49.5	74.3

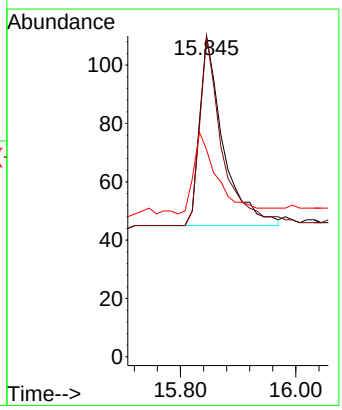


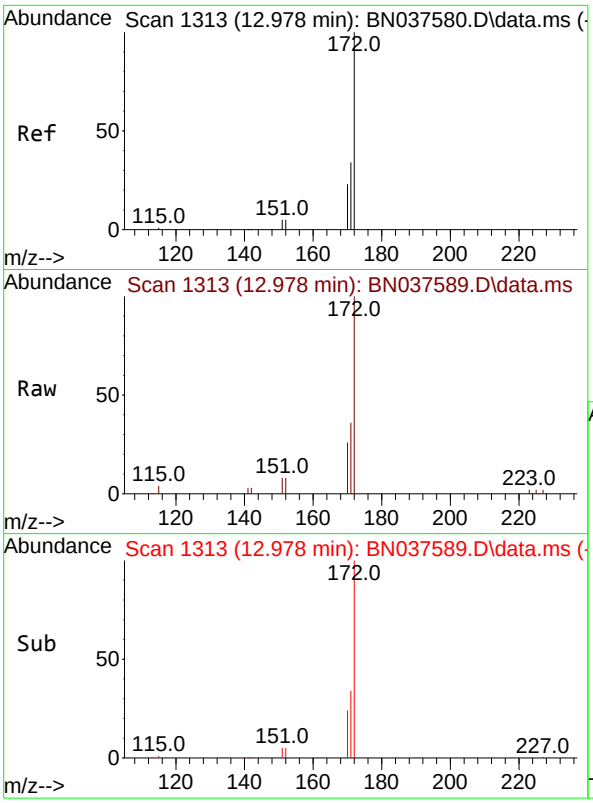


#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:330 Resp: 184

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	44.0	30.9	46.3



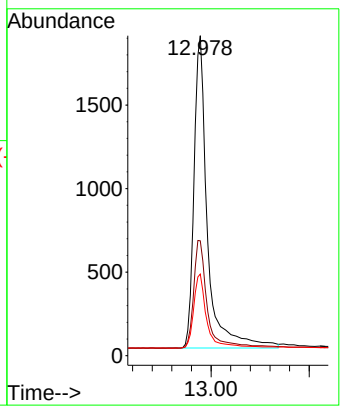


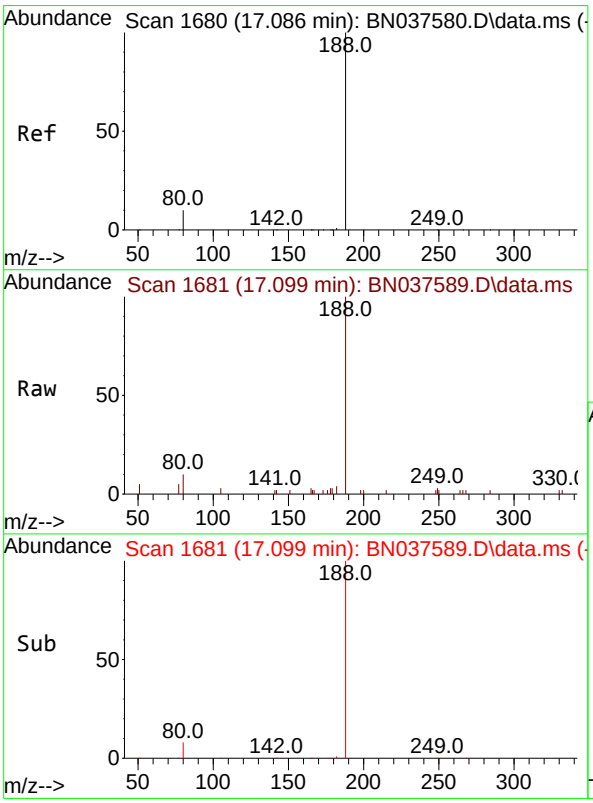
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.978 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion:172 Resp: 4926

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	25.5	19.2	28.8

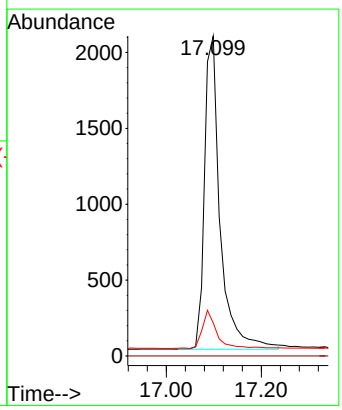


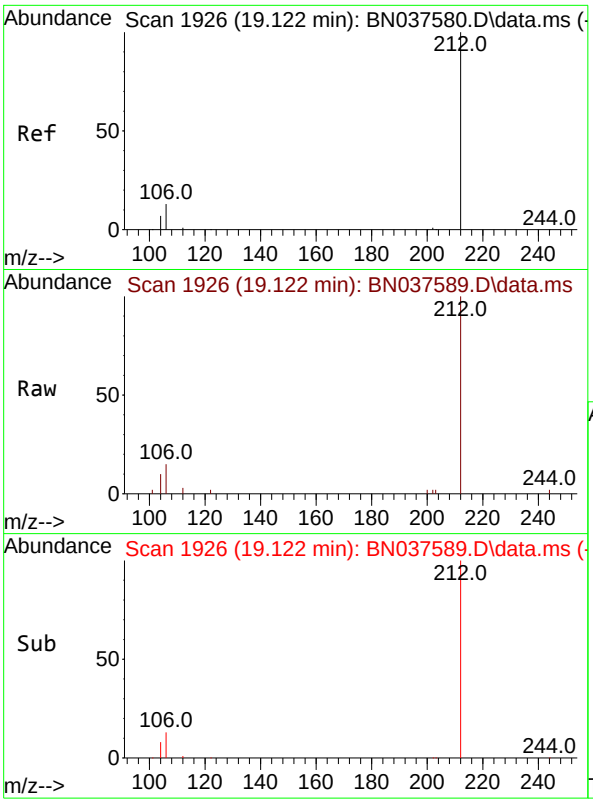


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.013 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:188 Resp: 4726

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	9.1	13.7



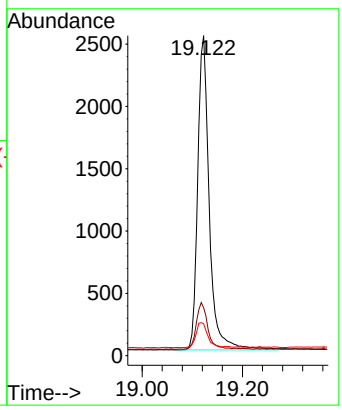


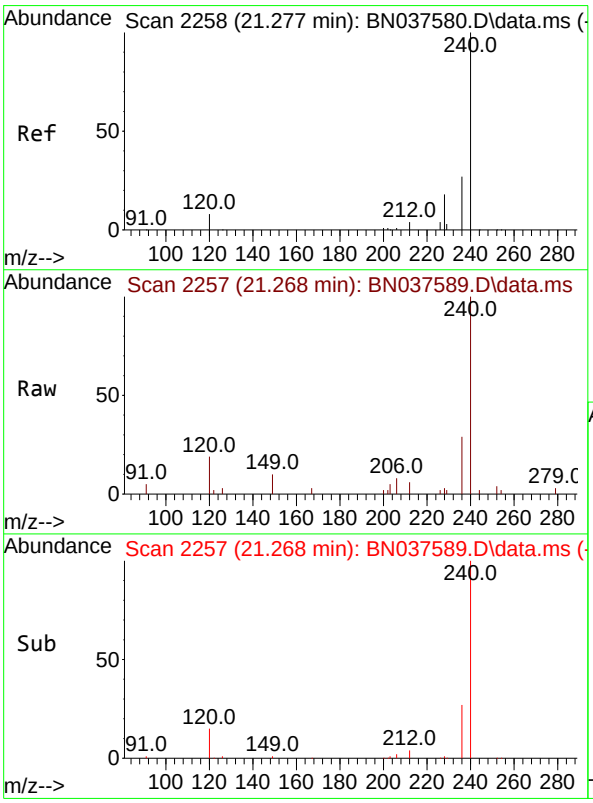
#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion:212 Resp: 4019

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.1	6.6	9.8

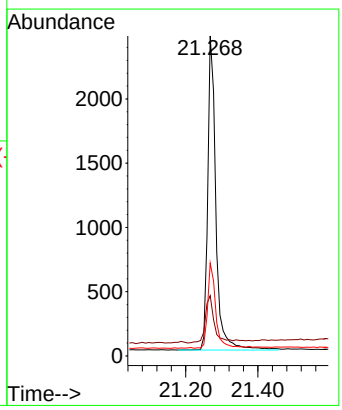


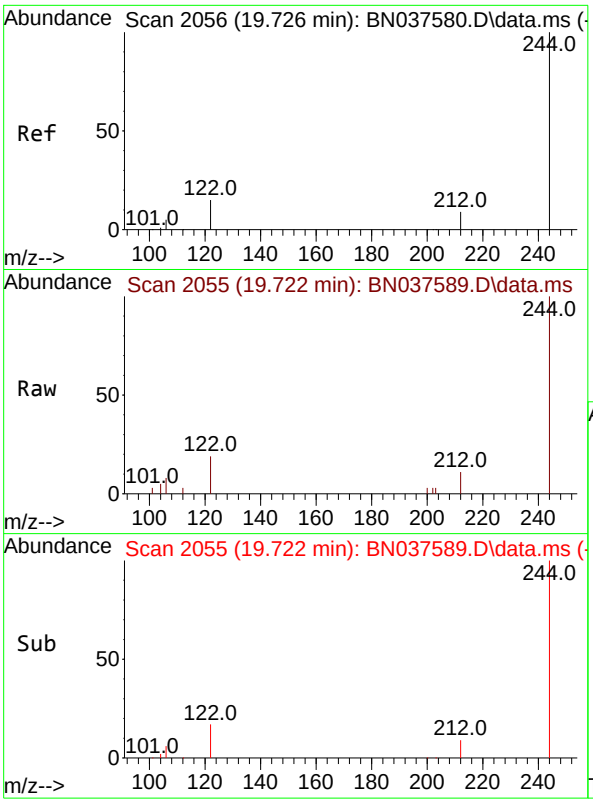


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:240 Resp: 3815

Ion	Ratio	Lower	Upper
240	100		
120	18.8	8.9	13.3#
236	29.0	22.6	33.8



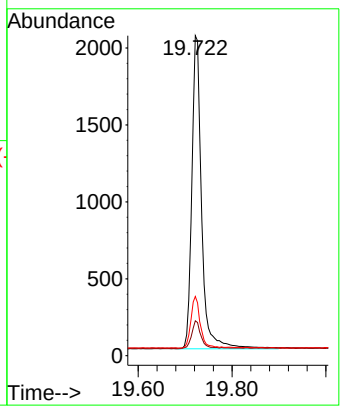


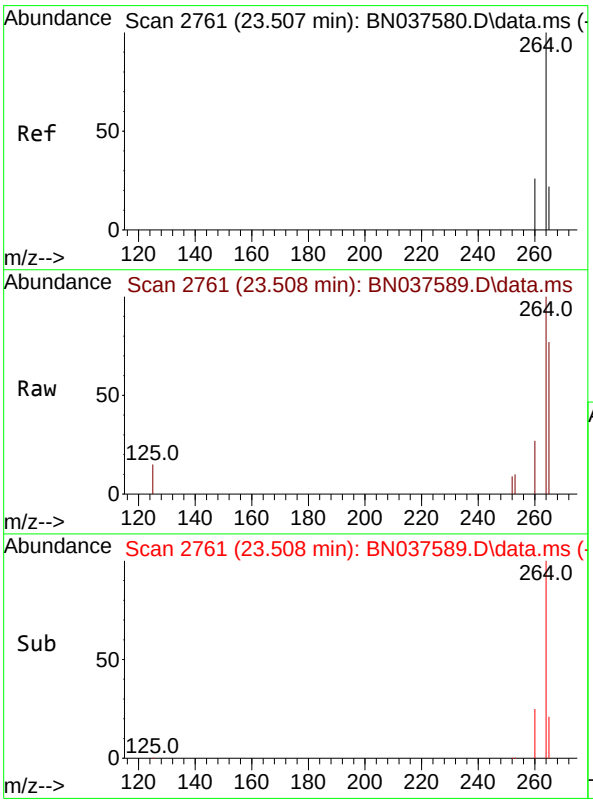
#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Instrument :
BNA_N
ClientSampleId :
PB169222BL

Tgt Ion:244 Resp: 2955

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.2
122	18.5	13.2	19.8

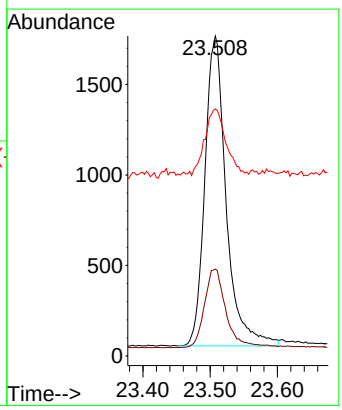




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.508 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BN037589.D
Acq: 13 Aug 2025 11:05

Tgt Ion:264 Resp: 3770

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.6	32.4
265	77.2	48.2	72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037596.D
Acq On : 13 Aug 2025 15:22
Operator : RC/JU
Sample : PB169222BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BS

Quant Time: Aug 13 15:43:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

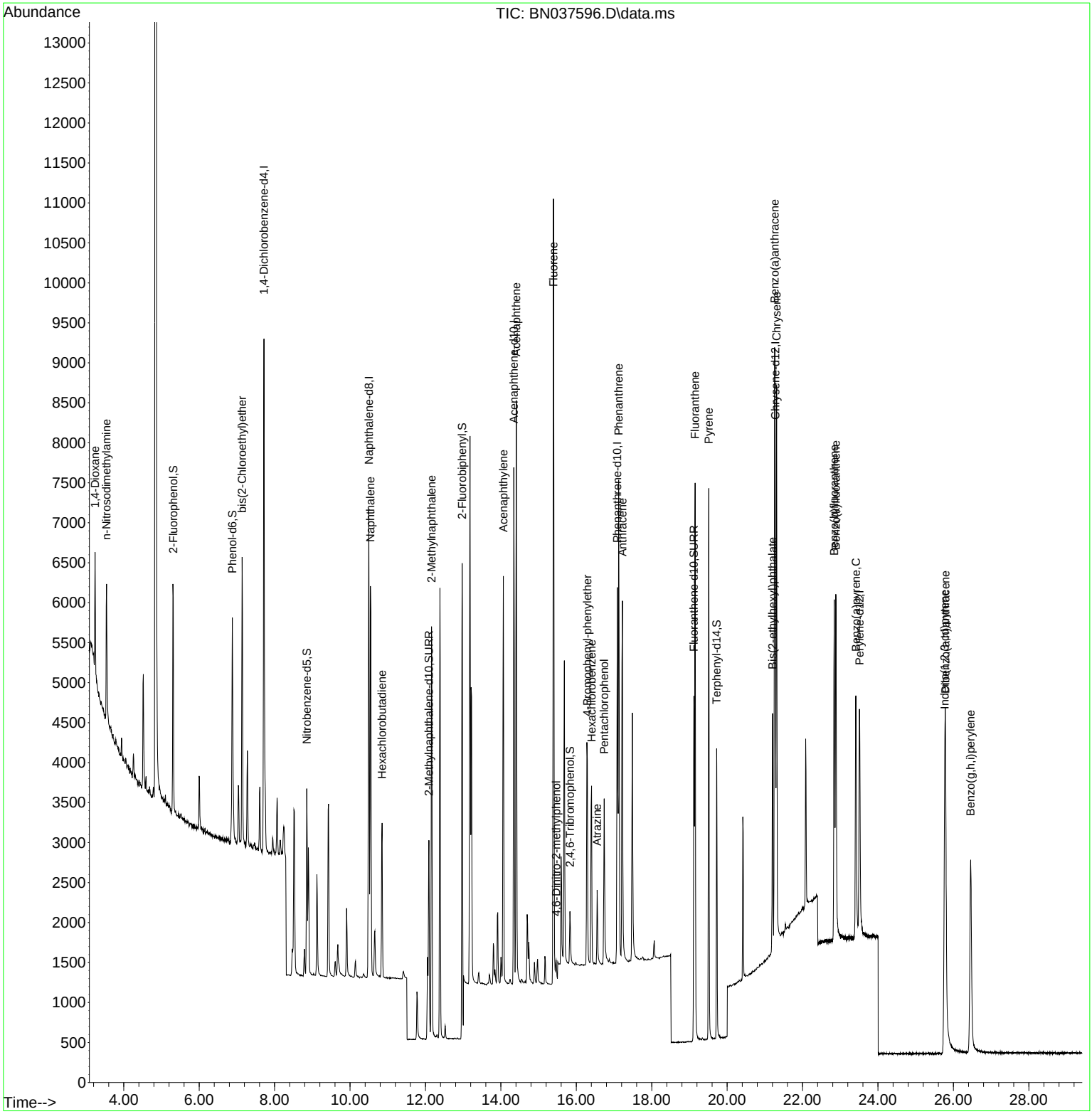
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	3068	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	7591	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	3534	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	6432	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4873	0.400	ng	0.00
35) Perylene-d12	23.510	264	4192	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2293	0.330	ng	0.00
5) Phenol-d6	6.879	99	2590	0.309	ng	0.00
8) Nitrobenzene-d5	8.854	82	1791	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	3480	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	442	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	7275	0.356	ng	0.00
27) Fluoranthene-d10	19.118	212	5070	0.300	ng	0.00
31) Terphenyl-d14	19.722	244	3723	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	802	0.273	ng	# 76
3) n-Nitrosodimethylamine	3.543	42	1116	0.298	ng	# 85
6) bis(2-Chloroethyl)ether	7.139	93	2600	0.345	ng	98
9) Naphthalene	10.541	128	6736	0.333	ng	100
10) Hexachlorobutadiene	10.850	225	1635	0.331	ng	# 100
12) 2-Methylnaphthalene	12.161	142	3749	0.296	ng	98
16) Acenaphthylene	14.067	152	5698	0.360	ng	99
17) Acenaphthene	14.409	154	3471	0.322	ng	99
18) Fluorene	15.392	166	4368	0.310	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	231	0.378	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	1337	0.331	ng	93
22) Hexachlorobenzene	16.404	284	2000	0.349	ng	99
23) Atrazine	16.553	200	807	0.353	ng	98
24) Pentachlorophenol	16.739	266	1130	0.561	ng	98
25) Phenanthrene	17.124	178	6473	0.331	ng	99
26) Anthracene	17.223	178	5692	0.329	ng	99
28) Fluoranthene	19.150	202	6474	0.288	ng	99
30) Pyrene	19.513	202	6217	0.341	ng	100
32) Benzo(a)anthracene	21.259	228	5547	0.341	ng	99
33) Chrysene	21.313	228	6161	0.340	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2008	0.299	ng	96
36) Indeno(1,2,3-cd)pyrene	25.770	276	5987	0.339	ng	100
37) Benzo(b)fluoranthene	22.841	252	5458	0.344	ng	97
38) Benzo(k)fluoranthene	22.882	252	5754	0.321	ng	99
39) Benzo(a)pyrene	23.414	252	4770	0.362	ng	97
40) Dibenzo(a,h)anthracene	25.791	278	4628	0.338	ng	100
41) Benzo(g,h,i)perylene	26.457	276	5279	0.366	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037596.D
Acq On : 13 Aug 2025 15:22
Operator : RC/JU
Sample : PB169222BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BS

Quant Time: Aug 13 15:43:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037597.D
Acq On : 13 Aug 2025 15:58
Operator : RC/JU
Sample : PB169222BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BSD

Quant Time: Aug 13 16:26:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

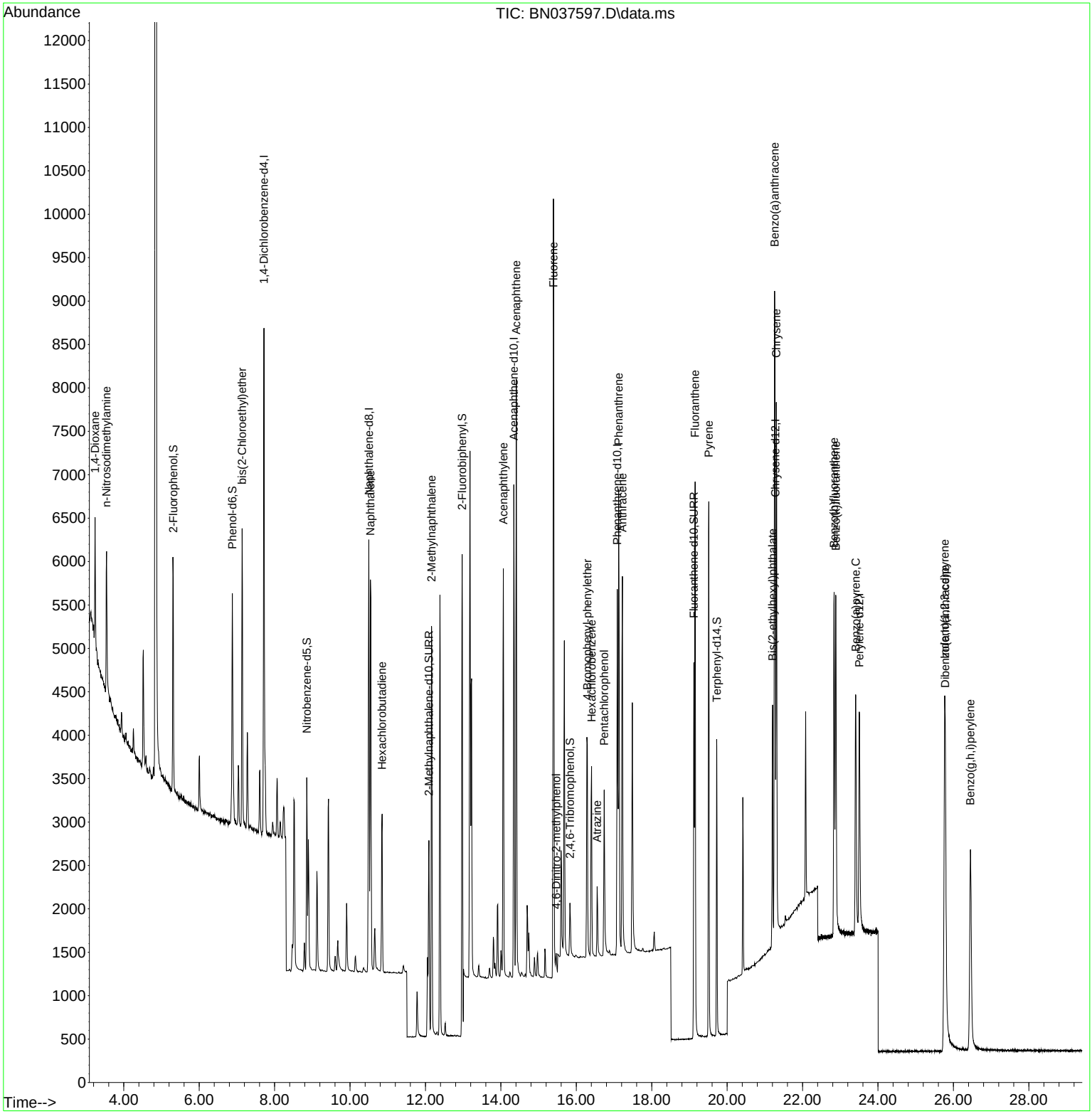
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2742	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	6598	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	3080	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5659	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4216	0.400	ng	0.00
35) Perylene-d12	23.505	264	3616	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2133	0.343	ng	0.00
5) Phenol-d6	6.879	99	2445	0.327	ng	0.00
8) Nitrobenzene-d5	8.854	82	1693	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	3138	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	400	0.297	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6923	0.389	ng	0.00
27) Fluoranthene-d10	19.118	212	4762	0.320	ng	0.00
31) Terphenyl-d14	19.726	244	3509	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	759	0.289	ng	# 75
3) n-Nitrosodimethylamine	3.543	42	1121	0.334	ng	# 93
6) bis(2-Chloroethyl)ether	7.139	93	2433	0.361	ng	97
9) Naphthalene	10.541	128	6304	0.359	ng	99
10) Hexachlorobutadiene	10.850	225	1564	0.364	ng	# 99
12) 2-Methylnaphthalene	12.161	142	3491	0.317	ng	99
16) Acenaphthylene	14.067	152	5329	0.386	ng	98
17) Acenaphthene	14.409	154	3263	0.347	ng	97
18) Fluorene	15.392	166	4095	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	193	0.369	ng	95
21) 4-Bromophenyl-phenylether	16.292	248	1254	0.353	ng	94
22) Hexachlorobenzene	16.404	284	1910	0.379	ng	99
23) Atrazine	16.553	200	751	0.373	ng	98
24) Pentachlorophenol	16.739	266	1030	0.582	ng	98
25) Phenanthrene	17.124	178	6061	0.352	ng	99
26) Anthracene	17.223	178	5316	0.349	ng	99
28) Fluoranthene	19.150	202	6065	0.307	ng	99
30) Pyrene	19.513	202	5813	0.369	ng	99
32) Benzo(a)anthracene	21.259	228	5245	0.372	ng	99
33) Chrysene	21.304	228	5767	0.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	1866	0.321	ng	100
36) Indeno(1,2,3-cd)pyrene	25.767	276	5820	0.382	ng	100
37) Benzo(b)fluoranthene	22.835	252	5199	0.379	ng	98
38) Benzo(k)fluoranthene	22.879	252	5467	0.354	ng	99
39) Benzo(a)pyrene	23.411	252	4407	0.388	ng	98
40) Dibenzo(a,h)anthracene	25.785	278	4450	0.376	ng	99
41) Benzo(g,h,i)perylene	26.452	276	5052	0.406	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037597.D
Acq On : 13 Aug 2025 15:58
Operator : RC/JU
Sample : PB169222BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169222BSD

Quant Time: Aug 13 16:26:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BN081225	Instrument	BNA_n

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

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

Manual Integration Report

Sequence:	BN081325	Instrument	BNA_n

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

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM		
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM		
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037576.D	12 Aug 2025 15:05	RC/JU	Ok
2	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	RC/JU	Not Ok
3	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26	RC/JU	Ok
4	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03	RC/JU	Ok
5	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	RC/JU	Ok
6	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16	RC/JU	Ok
7	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52	RC/JU	Ok
8	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29	RC/JU	Ok
9	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	RC/JU	Ok
10	SSTDICV0.4	BN037585.D	12 Aug 2025 20:42	RC/JU	Ok
11	PB169094BL	BN037586.D	12 Aug 2025 21:55	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN081325

Review By	Rahul	Review On	8/14/2025 10:14:13 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:33 PM		
SubDirectory	BN081325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037587.D	13 Aug 2025 09:48	RC/JU	Ok
2	SSTDCCC0.4	BN037588.D	13 Aug 2025 10:28	RC/JU	Ok
3	PB169222BL	BN037589.D	13 Aug 2025 11:05	RC/JU	Ok
4	Q2805-01	BN037590.D	13 Aug 2025 11:42	RC/JU	Ok
5	Q2805-02	BN037591.D	13 Aug 2025 12:18	RC/JU	Ok
6	Q2806-01	BN037592.D	13 Aug 2025 12:55	RC/JU	Ok
7	Q2806-02	BN037593.D	13 Aug 2025 13:31	RC/JU	Ok
8	Q2806-03	BN037594.D	13 Aug 2025 14:08	RC/JU	Ok
9	Q2825-01	BN037595.D	13 Aug 2025 14:45	RC/JU	Ok
10	PB169222BS	BN037596.D	13 Aug 2025 15:22	RC/JU	Ok
11	PB169222BSD	BN037597.D	13 Aug 2025 15:58	RC/JU	Ok
12	SSTDCCC0.4	BN037598.D	13 Aug 2025 16:35	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM	
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM	
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037576.D	12 Aug 2025 15:05		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	A Fresh Calibration is required	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	Compound #20 kept on LR	RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	Comp #20,23,24 removed from 5ppm	RC/JU	Ok
10	SSTDICV0.4	ICVBN081225	BN037585.D	12 Aug 2025 20:42		RC/JU	Ok
11	PB169094BL	PB169094BL	BN037586.D	12 Aug 2025 21:55		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN081325

Review By	Rahul	Review On	8/14/2025 10:14:13 AM	
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:33 PM	
SubDirectory	BN081325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037587.D	13 Aug 2025 09:48		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037588.D	13 Aug 2025 10:28		RC/JU	Ok
3	PB169222BL	PB169222BL	BN037589.D	13 Aug 2025 11:05		RC/JU	Ok
4	Q2805-01	RW8-SP100-20250807	BN037590.D	13 Aug 2025 11:42		RC/JU	Ok
5	Q2805-02	RW8-SP303-20250807	BN037591.D	13 Aug 2025 12:18		RC/JU	Ok
6	Q2806-01	RW7-SP100-20250807	BN037592.D	13 Aug 2025 12:55		RC/JU	Ok
7	Q2806-02	RW7-SP201-20250807	BN037593.D	13 Aug 2025 13:31		RC/JU	Ok
8	Q2806-03	RW7-SP303-20250807	BN037594.D	13 Aug 2025 14:08		RC/JU	Ok
9	Q2825-01	TW1	BN037595.D	13 Aug 2025 14:45		RC/JU	Ok
10	PB169222BS	PB169222BS	BN037596.D	13 Aug 2025 15:22		RC/JU	Ok
11	PB169222BSD	PB169222BSD	BN037597.D	13 Aug 2025 15:58		RC/JU	Ok
12	SSTDCCC0.4	SSTDCCC0.4EC	BN037598.D	13 Aug 2025 16:35		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169222

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/12/2025
Matrix :	Water			**Extraction Start Time :**	08:52
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/12/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6855
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	E3954
Baked Na2SO4	N/A	EP2632
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

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

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
8/12/25	RS (Ext-Lab)	RC/SVOC
13:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169222

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 08/04/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169222BL	SBLK222	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB169222BS	SLCS222	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
PB169222BSD	SLCSD222	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			3
Q2805-01	RW8-SP100-20250807	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	B		4
Q2805-02	RW8-SP303-20250807	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	D		5
Q2806-01	RW7-SP100-20250807	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1			6
Q2806-02	RW7-SP201-20250807	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			7
Q2806-03	RW7-SP303-20250807	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1			8
Q2825-01	TW1	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	D		9

RS 8/12

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

169222
8:52

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2805 **WorkList ID :** 191234 **Department :** Extraction **Date :** 08-12-2025 08:47:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2805-01	RW8-SP100-20250807	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J22	08/07/2025	8270-Modified
Q2805-02	RW8-SP303-20250807	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J22	08/07/2025	8270-Modified
Q2806-01	RW7-SP100-20250807	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J11	08/07/2025	8270-Modified
Q2806-02	RW7-SP201-20250807	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J11	08/07/2025	8270-Modified
Q2806-03	RW7-SP303-20250807	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J11	08/07/2025	8270-Modified
Q2825-01	TW1	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	D31	08/10/2025	8270-Modified

Date/Time 8/12/25 8:47
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 8/12/25 9:30
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext Lab)

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LAB CHRONICLE

OrderID:	Q2825	**OrderDate:**	8/11/2025 2:06:00 PM
Client:	G Environmental	**Project:**	DeCamp
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2825-01	**TW1**	**Water**			**08/10/25**			**08/11/25**
			SVOC-SIMGroup1	8270-Modified		08/12/25	08/13/25	