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

Hit Summary Sheet
SW-846

SDG No.: Q2594

Client: Environmental Restoration, LLC

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

SAMPLE DATA

Raw Data: **BF143166.D**

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	0.010	U	0.0039	0.010	mg/L
108-95-2	Phenol	0.0050	U	0.00091	0.0050	mg/L
111-44-4	bis(2-Chloroethyl)ether	0.0050	U	0.00081	0.0050	mg/L
95-57-8	2-Chlorophenol	0.0050	U	0.00058	0.0050	mg/L
95-48-7	2-Methylphenol	0.0050	U	0.0011	0.0050	mg/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.0050	U	0.0013	0.0050	mg/L
98-86-2	Acetophenone	0.0050	U	0.00074	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.010	U	0.0011	0.010	mg/L
621-64-7	n-Nitroso-di-n-propylamine	0.0050	U	0.0014	0.0050	mg/L
67-72-1	Hexachloroethane	0.0050	U	0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.0050	U	0.00076	0.0050	mg/L
78-59-1	Isophorone	0.0050	U	0.00075	0.0050	mg/L
88-75-5	2-Nitrophenol	0.0050	U	0.0018	0.0050	mg/L
105-67-9	2,4-Dimethylphenol	0.0050	U	0.0019	0.0050	mg/L
111-91-1	bis(2-Chloroethoxy)methane	0.0050	U	0.00068	0.0050	mg/L
120-83-2	2,4-Dichlorophenol	0.0050	U	0.00052	0.0050	mg/L
91-20-3	Naphthalene	0.0050	U	0.00050	0.0050	mg/L
106-47-8	4-Chloroaniline	0.0050	U	0.00084	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.0050	U	0.00054	0.0050	mg/L
105-60-2	Caprolactam	0.010	U	0.0011	0.010	mg/L
59-50-7	4-Chloro-3-methylphenol	0.0050	U	0.00059	0.0050	mg/L
91-57-6	2-Methylnaphthalene	0.0050	U	0.00056	0.0050	mg/L
77-47-4	Hexachlorocyclopentadiene	0.010	U	0.0036	0.010	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0050	U	0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0050	U	0.00062	0.0050	mg/L
92-52-4	1,1-Biphenyl	0.0050	U	0.00053	0.0050	mg/L
91-58-7	2-Chloronaphthalene	0.0050	U	0.00061	0.0050	mg/L
88-74-4	2-Nitroaniline	0.0050	U	0.0013	0.0050	mg/L
131-11-3	Dimethylphthalate	0.0050	U	0.00061	0.0050	mg/L

Raw Data: **BF143166.D**

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.0050	U	0.00075	0.0050	mg/L
606-20-2	2,6-Dinitrotoluene	0.0050	U	0.00092	0.0050	mg/L
99-09-2	3-Nitroaniline	0.0050	U	0.0011	0.0050	mg/L
83-32-9	Acenaphthene	0.0050	U	0.00055	0.0050	mg/L
51-28-5	2,4-Dinitrophenol	0.010	U	0.0060	0.010	mg/L
100-02-7	4-Nitrophenol	0.010	U	0.0024	0.010	mg/L
132-64-9	Dibenzofuran	0.0050	U	0.00061	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.0050	U	0.0012	0.0050	mg/L
84-66-2	Diethylphthalate	0.0050	U	0.00069	0.0050	mg/L
7005-72-3	4-Chlorophenyl-phenylether	0.0050	U	0.00068	0.0050	mg/L
86-73-7	Fluorene	0.0050	U	0.00063	0.0050	mg/L
100-01-6	4-Nitroaniline	0.0050	U	0.0015	0.0050	mg/L
534-52-1	4,6-Dinitro-2-methylphenol	0.010	U	0.0029	0.010	mg/L
86-30-6	n-Nitrosodiphenylamine	0.0050	U	0.00058	0.0050	mg/L
101-55-3	4-Bromophenyl-phenylether	0.0050	U	0.00040	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.0050	U	0.00052	0.0050	mg/L
1912-24-9	Atrazine	0.0050	U	0.0010	0.0050	mg/L
87-86-5	Pentachlorophenol	0.010	U	0.0016	0.010	mg/L
85-01-8	Phenanthrene	0.0050	U	0.00050	0.0050	mg/L
120-12-7	Anthracene	0.0050	U	0.00061	0.0050	mg/L
86-74-8	Carbazole	0.0050	U	0.00072	0.0050	mg/L
84-74-2	Di-n-butylphthalate	0.0050	U	0.0012	0.0050	mg/L
206-44-0	Fluoranthene	0.0050	U	0.00082	0.0050	mg/L
129-00-0	Pyrene	0.0050	U	0.00050	0.0050	mg/L
85-68-7	Butylbenzylphthalate	0.0050	U	0.0019	0.0050	mg/L
91-94-1	3,3-Dichlorobenzidine	0.010	U	0.00093	0.010	mg/L
56-55-3	Benzo(a)anthracene	0.0050	U	0.00045	0.0050	mg/L
218-01-9	Chrysene	0.0050	U	0.00044	0.0050	mg/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.0050	U	0.0016	0.0050	mg/L
117-84-0	Di-n-octyl phthalate	0.010	U	0.0023	0.010	mg/L
205-99-2	Benzo(b)fluoranthene	0.0050	U	0.00049	0.0050	mg/L

Raw Data: **BF143166.D**

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

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.0050	U	0.00048	0.0050	mg/L
50-32-8	Benzo(a)pyrene	0.0050	U	0.00055	0.0050	mg/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.0050	U	0.00059	0.0050	mg/L
53-70-3	Dibenzo(a,h)anthracene	0.0050	U	0.00067	0.0050	mg/L
191-24-2	Benzo(g,h,i)perylene	0.0050	U	0.00069	0.0050	mg/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.0050	U	0.00052	0.0050	mg/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.0050	U	0.00072	0.0050	mg/L
123-91-1	1,4-Dioxane	0.0050	U	0.0010	0.0050	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	21.5		15 (60) - 110 (140)	21%	SPK: 100
13127-88-3	Phenol-d6	16.2		15 (60) - 110 (140)	16%	SPK: 100
4165-60-0	Nitrobenzene-d5	76.5		30 (60) - 130 (140)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.6		30 (60) - 130 (140)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.2		15 (60) - 110 (140)	80%	SPK: 100
1718-51-0	Terphenyl-d14	71.7		30 (60) - 130 (140)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000	6.963			
1146-65-2	Naphthalene-d8	563000	8.239			
15067-26-2	Acenaphthene-d10	291000	9.998			
1517-22-2	Phenanthrene-d10	471000	11.48			
1719-03-5	Chrysene-d12	259000	14.116			
1520-96-3	Perylene-d12	303000	15.621			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	68.3	J		2.32	ug/L
013195-64-7	Malonic acid diisopropyl ester	8.00	J		4.82	ug/L
	unknown5.287	64.0	J		5.29	ug/L
000624-73-7	Ethane, 1,2-diiodo-	10.5	J		6.42	ug/L
004359-46-0	1,3-Dioxolane, 2-ethyl-4-methyl-	48.4	J		6.72	ug/L
000119-61-9	Benzophenone	3.50	J		10.7	ug/L
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.90	J		11.9	ug/L

Raw Data: **BF143166.D**

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2594
Lab Sample ID:	Q2594-01	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143166.D	1	07/17/25 08:39	07/18/25 14:54	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	7.20	J		12.0	ug/L
000057-11-4	Octadecanoic acid	4.30	J		12.8	ug/L
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	98.3	J		13.7	ug/L
003452-07-1	1-Eicosene	160	J		13.8	ug/L
000112-88-9	1-Octadecene	9.40	J		16.4	ug/L
005333-42-6	1-Dodecanol, 2-octyl-	220	J		16.6	ug/L

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

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

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q2594

Client: Environmental Restoration, LLC

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168904BL	PB168904BL	2-Fluorophenol	100	82.8	83		15 (60)	110 (140)
		Phenol-d6	100	83.0	83		15 (60)	110 (140)
		Nitrobenzene-d5	100	79.3	79		30 (60)	130 (140)
		2-Fluorobiphenyl	100	75.8	76		30 (60)	130 (140)
		2,4,6-Tribromophenol	100	69.4	69		15 (60)	110 (140)
		Terphenyl-d14	100	82.8	83		30 (60)	130 (140)
PB168904BS	PB168904BS	2-Fluorophenol	100	79.6	80		15 (60)	110 (140)
		Phenol-d6	100	80.9	81		15 (60)	110 (140)
		Nitrobenzene-d5	100	80.0	80		30 (60)	130 (140)
		2-Fluorobiphenyl	100	74.5	74		30 (60)	130 (140)
		2,4,6-Tribromophenol	100	83.6	84		15 (60)	110 (140)
		Terphenyl-d14	100	78.8	79		30 (60)	130 (140)
PB168904BSD	PB168904BSD	2-Fluorophenol	100	81.3	81		15 (60)	110 (140)
		Phenol-d6	100	82.2	82		15 (60)	110 (140)
		Nitrobenzene-d5	100	80.7	81		30 (60)	130 (140)
		2-Fluorobiphenyl	100	74.9	75		30 (60)	130 (140)
		2,4,6-Tribromophenol	100	83.4	83		15 (60)	110 (140)
		Terphenyl-d14	100	78.0	78		30 (60)	130 (140)
Q2594-01	CC-071325-RW	2-Fluorophenol	100	21.5	21		15 (60)	110 (140)
		Phenol-d6	100	16.2	16		15 (60)	110 (140)
		Nitrobenzene-d5	100	76.5	76		30 (60)	130 (140)
		2-Fluorobiphenyl	100	72.6	73		30 (60)	130 (140)
		2,4,6-Tribromophenol	100	80.2	80		15 (60)	110 (140)
		Terphenyl-d14	100	71.7	72		30 (60)	130 (140)

( ) = 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.: Q2594 **Analytical Method:** 625.1

Client: Environmental Restoration, LLC **DataFile:** BF143162.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168904BS	Benzaldehyde	50	33.5	ug/L	67				20 (10)	160 (110)	
	Phenol	50	42.4	ug/L	85				20 (48)	160 (130)	
	bis(2-Chloroethyl)ether	50	42.5	ug/L	85				70 (52)	130 (130)	
	2-Chlorophenol	50	42.7	ug/L	85				70 (55)	130 (130)	
	2-Methylphenol	50	43.1	ug/L	86				70 (15)	130 (153)	
	2,2-oxybis(1-Chloropropane)	50	42.7	ug/L	85				70 (63)	130 (139)	
	Acetophenone	50	43.2	ug/L	86				70 (21)	130 (128)	
	3+4-Methylphenols	50	43.5	ug/L	87				20 (10)	160 (156)	
	N-Nitroso-di-n-propylamine	50	42.4	ug/L	85				70 (59)	130 (170)	
	Hexachloroethane	50	43.2	ug/L	86				70 (55)	130 (130)	
	Nitrobenzene	50	44.0	ug/L	88				70 (54)	130 (158)	
	Isophorone	50	43.8	ug/L	88				70 (52)	130 (180)	
	2-Nitrophenol	50	46.4	ug/L	93				70 (61)	130 (163)	
	2,4-Dimethylphenol	50	44.1	ug/L	88				70 (58)	130 (130)	
	bis(2-Chloroethoxy)methane	50	43.2	ug/L	86				70 (52)	130 (164)	
	2,4-Dichlorophenol	50	43.6	ug/L	87				70 (64)	130 (130)	
	Naphthalene	50	42.9	ug/L	86				70 (70)	130 (130)	
	4-Chloroaniline	50	18.8	ug/L	38		*		70 (10)	130 (126)	
	Hexachlorobutadiene	50	42.9	ug/L	86				70 (68)	130 (130)	
	Caprolactam	50	47.1	ug/L	94				20 (10)	160 (160)	
	4-Chloro-3-methylphenol	50	44.1	ug/L	88				70 (68)	130 (130)	
	2-Methylnaphthalene	50	43.3	ug/L	87				70 (25)	130 (124)	
	Hexachlorocyclopentadiene	100	86.3	ug/L	86				70 (21)	130 (137)	
	2,4,6-Trichlorophenol	50	42.9	ug/L	86				70 (69)	130 (130)	
	2,4,5-Trichlorophenol	50	45.7	ug/L	91				70 (74)	130 (100)	
	1,1-Biphenyl	50	43.3	ug/L	87				70 (20)	130 (125)	
	2-Chloronaphthalene	50	42.6	ug/L	85				70 (70)	130 (130)	
	2-Nitroaniline	50	46.7	ug/L	93				70 (61)	130 (112)	
	Dimethylphthalate	50	43.9	ug/L	88				70 (50)	130 (130)	
	Acenaphthylene	50	43.2	ug/L	86				70 (60)	130 (130)	
	2,6-Dinitrotoluene	50	47.2	ug/L	94				70 (68)	130 (137)	
	3-Nitroaniline	50	29.4	ug/L	59		*		70 (35)	130 (106)	
	Acenaphthene	50	46.2	ug/L	92				70 (70)	130 (130)	
	2,4-Dinitrophenol	100	90.5	ug/L	91				20 (39)	160 (173)	
	4-Nitrophenol	100	89.2	ug/L	89				20 (35)	160 (130)	
	Dibenzofuran	50	42.6	ug/L	85				70 (29)	130 (125)	
	2,4-Dinitrotoluene	50	48.9	ug/L	98				70 (53)	130 (130)	
	Diethylphthalate	50	44.7	ug/L	89				70 (47)	130 (130)	
	4-Chlorophenyl-phenylether	50	43.4	ug/L	87				70 (57)	130 (145)	
	Fluorene	50	42.8	ug/L	86				70 (70)	130 (130)	
	4-Nitroaniline	50	44.3	ug/L	89				70 (69)	130 (101)	
	4,6-Dinitro-2-methylphenol	50	45.1	ug/L	90				70 (56)	130 (130)	
	N-Nitrosodiphenylamine	50	43.8	ug/L	88				70 (63)	130 (100)	
	4-Bromophenyl-phenylether	50	44.1	ug/L	88				70 (70)	130 (130)	

( ) = 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.: Q2594 **Analytical Method:** 625.1

Client: Environmental Restoration, LLC **DataFile:** BF143162.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168904BS	Hexachlorobenzene	50	44.7	ug/L	89				70 (38)	130 (142)	
	Atrazine	50	47.4	ug/L	95				70 (51)	130 (130)	
	Pentachlorophenol	100	91.0	ug/L	91				20 (42)	160 (152)	
	Phenanthrene	50	43.8	ug/L	88				70 (67)	130 (130)	
	Anthracene	50	43.8	ug/L	88				70 (58)	130 (130)	
	Carbazole	50	43.9	ug/L	88				70 (60)	130 (125)	
	Di-n-butylphthalate	50	46.0	ug/L	92				70 (52)	130 (130)	
	Fluoranthene	50	44.2	ug/L	88				70 (47)	130 (130)	
	Pyrene	50	44.7	ug/L	89				70 (70)	130 (130)	
	Butylbenzylphthalate	50	47.3	ug/L	95				70 (43)	130 (140)	
	3,3-Dichlorobenzidine	50	25.1	ug/L	50		*		70 (18)	130 (213)	
	Benzo(a)anthracene	50	44.2	ug/L	88				70 (42)	130 (133)	
	Chrysene	50	45.1	ug/L	90				70 (44)	130 (140)	
	bis(2-Ethylhexyl)phthalate	50	47.8	ug/L	96				70 (43)	130 (137)	
	Di-n-octyl phthalate	50	46.5	ug/L	93				70 (21)	130 (132)	
	Benzo(b)fluoranthene	50	44.7	ug/L	89				70 (42)	130 (140)	
	Benzo(k)fluoranthene	50	46.5	ug/L	93				70 (25)	130 (146)	
	Benzo(a)pyrene	50	45.7	ug/L	91				70 (32)	130 (148)	
	Indeno(1,2,3-cd)pyrene	50	44.8	ug/L	90				70 (13)	130 (151)	
	Dibenz(a,h)anthracene	50	45.0	ug/L	90				70 (13)	130 (200)	
	Benzo(g,h,i)perylene	50	44.9	ug/L	90				70 (13)	130 (195)	
	1,2,4,5-Tetrachlorobenzene	50	41.6	ug/L	83				70 (70)	130 (130)	
	2,3,4,6-Tetrachlorophenol	50	45.1	ug/L	90				70 (70)	130 (130)	
	1,4-Dioxane	50	35.8	ug/L	72				20 (70)	160 (130)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2594 **Analytical Method:** 625.1

Client: Environmental Restoration, LLC **DataFile:** BF143163.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168904BSD	Benzaldehyde	50	34.9	ug/L	70	4			20 (10)	160 (110)	20 (20)
	Phenol	50	43.6	ug/L	87	3			20 (48)	160 (130)	20 (20)
	bis(2-Chloroethyl)ether	50	43.8	ug/L	88	3			70 (52)	130 (130)	20 (20)
	2-Chlorophenol	50	44.0	ug/L	88	3			70 (55)	130 (130)	20 (20)
	2-Methylphenol	50	44.1	ug/L	88	2			70 (15)	130 (153)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	43.8	ug/L	88	3			70 (63)	130 (139)	20 (20)
	Acetophenone	50	43.1	ug/L	86	0			70 (21)	130 (128)	20 (20)
	3+4-Methylphenols	50	45.0	ug/L	90	3			20 (10)	160 (156)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.2	ug/L	86	2			70 (59)	130 (170)	20 (20)
	Hexachloroethane	50	44.0	ug/L	88	2			70 (55)	130 (130)	20 (20)
	Nitrobenzene	50	44.5	ug/L	89	1			70 (54)	130 (158)	20 (20)
	Isophorone	50	44.0	ug/L	88	0			70 (52)	130 (180)	20 (20)
	2-Nitrophenol	50	47.7	ug/L	95	3			70 (61)	130 (163)	20 (20)
	2,4-Dimethylphenol	50	44.4	ug/L	89	1			70 (58)	130 (130)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.8	ug/L	88	1			70 (52)	130 (164)	20 (20)
	2,4-Dichlorophenol	50	44.2	ug/L	88	1			70 (64)	130 (130)	20 (20)
	Naphthalene	50	43.6	ug/L	87	2			70 (70)	130 (130)	20 (20)
	4-Chloroaniline	50	19.5	ug/L	39	4	*		70 (10)	130 (126)	20 (20)
	Hexachlorobutadiene	50	43.6	ug/L	87	2			70 (68)	130 (130)	20 (20)
	Caprolactam	50	48.3	ug/L	97	3			20 (10)	160 (160)	20 (20)
	4-Chloro-3-methylphenol	50	45.0	ug/L	90	2			70 (68)	130 (130)	20 (20)
	2-Methylnaphthalene	50	43.4	ug/L	87	0			70 (25)	130 (124)	20 (20)
	Hexachlorocyclopentadiene	100	87.5	ug/L	88	1			70 (21)	130 (137)	20 (20)
	2,4,6-Trichlorophenol	50	43.1	ug/L	86	0			70 (69)	130 (130)	20 (20)
	2,4,5-Trichlorophenol	50	46.1	ug/L	92	1			70 (74)	130 (100)	20 (20)
	1,1-Biphenyl	50	43.6	ug/L	87	1			70 (20)	130 (125)	20 (20)
	2-Chloronaphthalene	50	42.9	ug/L	86	1			70 (70)	130 (130)	20 (20)
	2-Nitroaniline	50	47.4	ug/L	95	1			70 (61)	130 (112)	20 (20)
	Dimethylphthalate	50	45.0	ug/L	90	2			70 (50)	130 (130)	20 (20)
	Acenaphthylene	50	43.5	ug/L	87	1			70 (60)	130 (130)	20 (20)
	2,6-Dinitrotoluene	50	48.5	ug/L	97	3			70 (68)	130 (137)	20 (20)
	3-Nitroaniline	50	29.8	ug/L	60	1	*		70 (35)	130 (106)	20 (20)
	Acenaphthene	50	47.0	ug/L	94	2			70 (70)	130 (130)	20 (20)
	2,4-Dinitrophenol	100	93.7	ug/L	94	3			20 (39)	160 (173)	20 (20)
	4-Nitrophenol	100	92.8	ug/L	93	4			20 (35)	160 (130)	20 (20)
	Dibenzofuran	50	43.3	ug/L	87	2			70 (29)	130 (125)	20 (20)
	2,4-Dinitrotoluene	50	50.7	ug/L	101	4			70 (53)	130 (130)	20 (20)
	Diethylphthalate	50	45.6	ug/L	91	2			70 (47)	130 (130)	20 (20)
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	1			70 (57)	130 (145)	20 (20)
	Fluorene	50	43.1	ug/L	86	1			70 (70)	130 (130)	20 (20)
	4-Nitroaniline	50	45.4	ug/L	91	2			70 (69)	130 (101)	20 (20)
	4,6-Dinitro-2-methylphenol	50	44.6	ug/L	89	1			70 (56)	130 (130)	20 (20)
	N-Nitrosodiphenylamine	50	43.7	ug/L	87	0			70 (63)	130 (100)	20 (20)
	4-Bromophenyl-phenylether	50	43.8	ug/L	88	1			70 (70)	130 (130)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2594 **Analytical Method:** 625.1

Client: Environmental Restoration, LLC **DataFile:** BF143163.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168904BSD	Hexachlorobenzene	50	44.5	ug/L	89	0			70 (38)	130 (142)	20 (20)
	Atrazine	50	46.9	ug/L	94	1			70 (51)	130 (130)	20 (20)
	Pentachlorophenol	100	89.7	ug/L	90	1			20 (42)	160 (152)	20 (20)
	Phenanthrene	50	43.9	ug/L	88	0			70 (67)	130 (130)	20 (20)
	Anthracene	50	43.1	ug/L	86	2			70 (58)	130 (130)	20 (20)
	Carbazole	50	44.1	ug/L	88	0			70 (60)	130 (125)	20 (20)
	Di-n-butylphthalate	50	46.0	ug/L	92	0			70 (52)	130 (130)	20 (20)
	Fluoranthene	50	45.0	ug/L	90	2			70 (47)	130 (130)	20 (20)
	Pyrene	50	43.9	ug/L	88	2			70 (70)	130 (130)	20 (20)
	Butylbenzylphthalate	50	47.4	ug/L	95	0			70 (43)	130 (140)	20 (20)
	3,3-Dichlorobenzidine	50	25.0	ug/L	50	0	*		70 (18)	130 (213)	20 (20)
	Benzo(a)anthracene	50	44.4	ug/L	89	0			70 (42)	130 (133)	20 (20)
	Chrysene	50	46.0	ug/L	92	2			70 (44)	130 (140)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	47.0	ug/L	94	2			70 (43)	130 (137)	20 (20)
	Di-n-octyl phthalate	50	45.8	ug/L	92	2			70 (21)	130 (132)	20 (20)
	Benzo(b)fluoranthene	50	45.3	ug/L	91	1			70 (42)	130 (140)	20 (20)
	Benzo(k)fluoranthene	50	46.4	ug/L	93	0			70 (25)	130 (146)	20 (20)
	Benzo(a)pyrene	50	45.4	ug/L	91	1			70 (32)	130 (148)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	44.4	ug/L	89	1			70 (13)	130 (151)	20 (20)
	Dibenz(a,h)anthracene	50	44.5	ug/L	89	1			70 (13)	130 (200)	20 (20)
	Benzo(g,h,i)perylene	50	44.5	ug/L	89	1			70 (13)	130 (195)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84	1			70 (70)	130 (130)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.8	ug/L	94	4			70 (70)	130 (130)	20 (20)
	1,4-Dioxane	50	36.9	ug/L	74	3			20 (70)	160 (130)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168904BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2594

Lab File ID: BF143164.D | Lab Sample ID: PB168904BL

Instrument ID: BNA_F | Date Extracted: 07/17/2025

Matrix: (soil/water) Water | Date Analyzed: 07/18/2025

Level: (low/med) LOW | Time Analyzed: 13:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168904BS	PB168904BS	BF143162.D	07/18/2025
PB168904BSD	PB168904BSD	BF143163.D	07/18/2025
CC-071325-RW	Q2594-01	BF143166.D	07/18/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2594

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	22
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2594

Lab File ID: BF143158.D DFTPP Injection Date: 07/18/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.9
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	28.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	21.9
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143159.D	07/18/2025	11:24
PB168904BS	PB168904BS	BF143162.D	07/18/2025	12:53
PB168904BSD	PB168904BSD	BF143163.D	07/18/2025	13:22
PB168904BL	PB168904BL	BF143164.D	07/18/2025	13:52
CC-071325-RW	Q2594-01	BF143166.D	07/18/2025	14:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2594

Client ID : SSTDCCC040 Date Analyzed: 07/18/2025

Lab File ID: BF143159.D Time Analyzed: 11:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	158986	6.963	609943	8.25	308568	10.00
	UPPER LIMIT	317972	7.463	1219890	8.745	617136	10.498
	LOWER LIMIT	79493	6.463	304972	7.745	154284	9.498
	EPA SAMPLE NO.						
01	PB168904BS	140840	6.96	541427	8.25	282216	10.00
02	PB168904BSD	134233	6.96	524933	8.25	272308	10.00
03	PB168904BL	144227	6.96	555488	8.24	293300	10.00
04	CC-071325-RW	148923	6.96	563250	8.24	291129	10.00

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.: Q2594

Client ID: SSTDCCC040 Date Analyzed: 07/18/2025

Lab File ID: BF143159.D Time Analyzed: 11:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	484154	11.48	288972	14.121	331263	15.621
	UPPER LIMIT	968308	11.98	577944	14.621	662526	16.121
	LOWER LIMIT	242077	10.98	144486	13.621	165632	15.121
	EPA SAMPLE NO.						
01	PB168904BS	448321	11.48	250022	14.12	283255	15.62
02	PB168904BSD	443930	11.48	252328	14.12	280075	15.62
03	PB168904BL	504948	11.48	280403	14.12	285721	15.62
04	CC-071325-RW	471233	11.48	258976	14.12	303472	15.62

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

CALIBRATION SUMMARY

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2594

Instrument ID: BNA_F Calibration Date(s): 07/17/2025 07/17/2025

Calibration Time(s): 11:04 14:34

LAB FILE ID: RRF2.5 = BF143140.D RRF005 = BF143141.D RRF010 = BF143142.D
RRF020 = BF143143.D RRF040 = BF143144.D RRF050 = BF143145.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.264	7.0
Benzaldehyde			1.167	1.163	1.443	1.411	1.193	18.1
Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.591	6.7
Phenol		1.882	1.767	1.776	1.711	1.788	1.733	6.4
bis(2-Chloroethyl)ether		1.419	1.343	1.379	1.303	1.361	1.327	5.4
2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.325	4.9
2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.114	4.6
2,2-oxybis(1-Chloropropane)		2.670	2.553	2.545	2.421	2.517	2.461	6.5
Acetophenone		0.527	0.504	0.501	0.455	0.476	0.474	8.6
3+4-Methylphenols			1.467	1.469	1.341	1.402	1.351	8.9
n-Nitroso-di-n-propylamine	1.101	1.111	1.051	1.028	0.986	1.023	1.021	6.8
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.502	4.7
Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.374	3.9
Isophorone		0.748	0.707	0.711	0.692	0.734	0.708	3.8
2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.162	11.2
2,4-Dimethylphenol		0.356	0.340	0.341	0.324	0.338	0.331	5.7
bis(2-Chloroethoxy)methane		0.463	0.437	0.442	0.413	0.430	0.425	6.3
2,4-Dichlorophenol		0.292	0.282	0.287	0.276	0.289	0.279	4.4
Naphthalene		1.118	1.038	1.032	0.954	0.986	0.985	8.9
4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.402	6.3
Hexachlorobutadiene		0.193	0.190	0.191	0.181	0.188	0.184	4.6
Caprolactam			0.078	0.084	0.087	0.091	0.084	5.3
4-Chloro-3-methylphenol		0.319	0.310	0.307	0.301	0.311	0.303	4.0
2-Methylnaphthalene		0.667	0.634	0.628	0.580	0.603	0.599	8.2
Hexachlorocyclopentadiene			0.337	0.373	0.373	0.404	0.376	6.1
2,4,6-Trichlorophenol		0.391	0.406	0.412	0.384	0.429	0.400	4.6
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
2,4,5-Trichlorophenol		0.404	0.387	0.411	0.405	0.411	0.400	2.8
1,1-Biphenyl		1.748	1.667	1.640	1.489	1.553	1.560	8.6
2-Chloronaphthalene		1.268	1.223	1.192	1.103	1.166	1.155	7.1
2-Nitroaniline		0.305	0.333	0.372	0.377	0.396	0.362	8.9
Dimethylphthalate		1.422	1.340	1.340	1.279	1.325	1.304	6.2
Acenaphthylene		2.134	2.052	2.011	1.860	1.958	1.935	7.7

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2594

Instrument ID: BNA_F Calibration Date(s): 07/17/2025 07/17/2025

Calibration Time(s): 11:04 14:34

LAB FILE ID: RRF2.5 = BF143140.D RRF005 = BF143141.D RRF010 = BF143142.D
RRF020 = BF143143.D RRF040 = BF143144.D RRF050 = BF143145.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.225	0.250	0.272	0.278	0.289	0.265	8.1
3-Nitroaniline		0.285	0.300	0.315	0.317	0.334	0.310	5.1
Acenaphthene		1.278	1.194	1.184	1.096	1.155	1.144	7.5
2,4-Dinitrophenol			0.051	0.081	0.104	0.116	0.098	28.0
4-Nitrophenol			0.200	0.228	0.246	0.250	0.232	7.7
Dibenzofuran		1.929	1.807	1.766	1.633	1.698	1.698	9.0
2,4-Dinitrotoluene		0.269	0.296	0.342	0.354	0.372	0.333	11.0
Diethylphthalate		1.377	1.322	1.335	1.269	1.329	1.289	5.8
4-Chlorophenyl-phenylether		0.710	0.670	0.657	0.612	0.633	0.635	7.9
Fluorene		1.480	1.402	1.322	1.212	1.257	1.274	10.8
4-Nitroaniline		0.236	0.255	0.266	0.280	0.289	0.266	6.4
4,6-Dinitro-2-methylphenol			0.054	0.087	0.097	0.110	0.094	22.9
n-Nitrosodiphenylamine		0.761	0.728	0.721	0.674	0.726	0.704	6.0
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
4-Bromophenyl-phenylether		0.252	0.238	0.241	0.228	0.247	0.238	4.3
Hexachlorobenzene		0.269	0.248	0.252	0.239	0.258	0.249	4.8
Atrazine		0.184	0.187	0.198	0.196	0.208	0.194	4.3
Pentachlorophenol			0.119	0.146	0.148	0.160	0.147	9.7
Phenanthrene		1.191	1.100	1.117	1.020	1.069	1.062	8.0
Anthracene		1.184	1.136	1.134	1.038	1.095	1.083	7.1
Carbazole		1.042	0.969	0.982	0.929	0.963	0.946	6.9
Di-n-butylphthalate		1.076	1.054	1.129	1.074	1.119	1.070	4.4
Fluoranthene		1.085	0.987	1.018	0.953	0.979	0.975	6.9
Pyrene		1.909	1.783	1.783	1.715	1.740	1.707	8.7
Terphenyl-d14		1.567	1.456	1.419	1.311	1.342	1.344	11.4
Butylbenzylphthalate		0.438	0.472	0.536	0.544	0.582	0.523	9.6
3,3-Dichlorobenzidine			0.437	0.495	0.429	0.476	0.446	7.6
Benzo(a)anthracene		1.374	1.367	1.381	1.282	1.422	1.339	4.9
Chrysene		1.282	1.174	1.247	1.206	1.218	1.204	4.3
Bis(2-ethylhexyl)phthalate		0.691	0.755	0.824	0.789	0.862	0.791	7.0
Di-n-octyl phthalate			1.274	1.428	1.384	1.550	1.434	6.8
Benzo(b)fluoranthene		1.231	1.136	1.287	1.147	1.352	1.222	6.3
Benzo(k)fluoranthene		1.168	1.152	1.093	1.134	1.069	1.090	7.1
Benzo(a)pyrene		1.129	1.102	1.147	1.121	1.192	1.126	3.4
Indeno(1,2,3-cd)pyrene		1.424	1.336	1.430	1.413	1.505	1.410	3.9

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2594

Instrument ID: BNA_F Calibration Date(s): 07/17/2025 07/17/2025

Calibration Time(s): 11:04 14:34

LAB FILE ID: RRF2.5 = BF143140.D RRF005 = BF143141.D RRF010 = BF143142.D
RRF020 = BF143143.D RRF040 = BF143144.D RRF050 = BF143145.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.159	1.103	1.179	1.147	1.221	1.148	3.9
Benzo(g,h,i)perylene		1.100	1.047	1.140	1.109	1.196	1.110	4.4
1,2,4,5-Tetrachlorobenzene		0.638	0.598	0.601	0.550	0.582	0.577	6.9
1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.598	4.1
2,3,4,6-Tetrachlorophenol		0.321	0.331	0.345	0.333	0.351	0.331	4.3

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2594

Instrument ID: BNA_F Calibration Date/Time: 07/18/2025 11:24

Lab File ID: BF143159.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.224		-3.2	
Benzaldehyde	1.193	1.315		10.2	
Phenol-d6	1.591	1.558		-2.1	
Phenol	1.733	1.713		-1.2	20.0
bis(2-Chloroethyl)ether	1.327	1.320		-0.5	
2-Chlorophenol	1.325	1.308		-1.3	
2-Methylphenol	1.114	1.090		-2.2	
2,2-oxybis(1-Chloropropane)	2.461	2.451		-0.4	
Acetophenone	0.474	0.456		-3.8	
3+4-Methylphenols	1.351	1.350		-0.1	
n-Nitroso-di-n-propylamine	1.021	0.986	0.050	-3.4	
Nitrobenzene-d5	0.401	0.411		2.5	
Hexachloroethane	0.502	0.499		-0.6	
Nitrobenzene	0.374	0.376		0.5	
Isophorone	0.708	0.694		-2.0	
2-Nitrophenol	0.162	0.167		3.1	20.0
2,4-Dimethylphenol	0.331	0.323		-2.4	
bis(2-Chloroethoxy)methane	0.425	0.413		-2.8	
2,4-Dichlorophenol	0.279	0.273		-2.2	20.0
Naphthalene	0.985	0.953		-3.2	
4-Chloroaniline	0.402	0.387		-3.7	
Hexachlorobutadiene	0.184	0.182		-1.1	20.0
Caprolactam	0.084	0.084		0.0	
4-Chloro-3-methylphenol	0.303	0.296		-2.3	20.0
2-Methylnaphthalene	0.599	0.575		-4.0	
Hexachlorocyclopentadiene	0.376	0.376	0.050	0.0	
2,4,6-Trichlorophenol	0.400	0.386		-3.5	20.0
2-Fluorobiphenyl	1.462	1.373		-6.1	
2,4,5-Trichlorophenol	0.400	0.398		-0.5	
1,1-Biphenyl	1.560	1.495		-4.2	
2-Chloronaphthalene	1.155	1.124		-2.7	
2-Nitroaniline	0.362	0.371		2.5	
Dimethylphthalate	1.304	1.253		-3.9	
Acenaphthylene	1.935	1.861		-3.8	
2,6-Dinitrotoluene	0.265	0.270		1.9	
3-Nitroaniline	0.310	0.306		-1.3	
Acenaphthene	1.144	1.092		-4.5	20.0
2,4-Dinitrophenol	0.098	0.102	0.050	4.1	
4-Nitrophenol	0.232	0.221	0.050	-4.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG No.: Q2594

Instrument ID: BNA_F Calibration Date/Time: 07/18/2025 11:24

Lab File ID: BF143159.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.630		-4.0	
2,4-Dinitrotoluene	0.333	0.335		0.6	
Diethylphthalate	1.289	1.253		-2.8	
4-Chlorophenyl-phenylether	0.635	0.598		-5.8	
Fluorene	1.274	1.203		-5.6	
4-Nitroaniline	0.266	0.261		-1.9	
4,6-Dinitro-2-methylphenol	0.094	0.097		3.2	
n-Nitrosodiphenylamine	0.704	0.686		-2.6	20.0
2,4,6-Tribromophenol	0.207	0.198		-4.3	
4-Bromophenyl-phenylether	0.238	0.236		-0.8	
Hexachlorobenzene	0.249	0.243		-2.4	
Atrazine	0.194	0.194		0.0	
Pentachlorophenol	0.147	0.151		2.7	20.0
Phenanthrene	1.062	1.008		-5.1	
Anthracene	1.083	1.044		-3.6	
Carbazole	0.946	0.911		-3.7	
Di-n-butylphthalate	1.070	1.053		-1.6	
Fluoranthene	0.975	0.946		-3.0	20.0
Pyrene	1.707	1.562		-8.5	
Terphenyl-d14	1.344	1.220		-9.2	
Butylbenzylphthalate	0.523	0.515		-1.5	
3,3-Dichlorobenzidine	0.446	0.437		-2.0	
Benzo(a)anthracene	1.339	1.282		-4.3	
Chrysene	1.204	1.187		-1.4	
Bis(2-ethylhexyl)phthalate	0.791	0.789		-0.3	
Di-n-octyl phthalate	1.434	1.381		-3.7	20.0
Benzo(b)fluoranthene	1.222	1.169		-4.3	
Benzo(k)fluoranthene	1.090	1.072		-1.7	
Benzo(a)pyrene	1.126	1.108		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.396		-1.0	
Dibenzo(a,h)anthracene	1.148	1.145		-0.3	
Benzo(g,h,i)perylene	1.110	1.112		0.2	
1,2,4,5-Tetrachlorobenzene	0.577	0.563		-2.4	
1,4-Dioxane	0.598	0.597		-0.2	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.324		-2.1	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Time: Jul 18 15:29:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

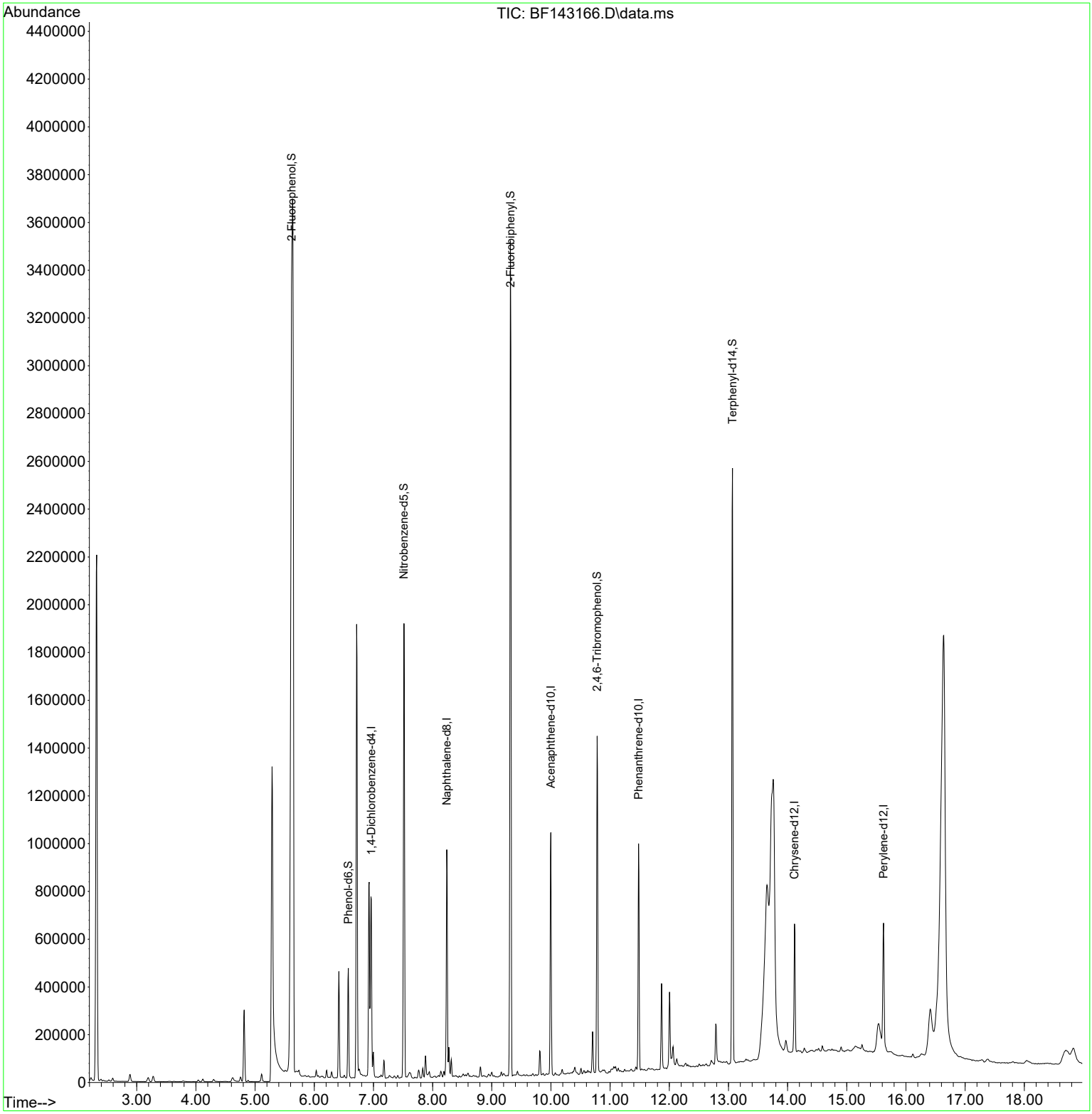
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	148923	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	563250	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	291129	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	471233	20.000	ng	0.00
76) Chrysene-d12	14.116	240	258976	20.000	ng	0.00
86) Perylene-d12	15.621	264	303472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	201931	21.457	ng	0.03
7) Phenol-d6	6.575	99	191889	16.200	ng	-0.01
23) Nitrobenzene-d5	7.516	82	864066	76.469	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	241269	80.222	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1545436	72.599	ng	0.00
79) Terphenyl-d14	13.069	244	1248495	71.740	ng	0.00
Target Compounds						Qvalue

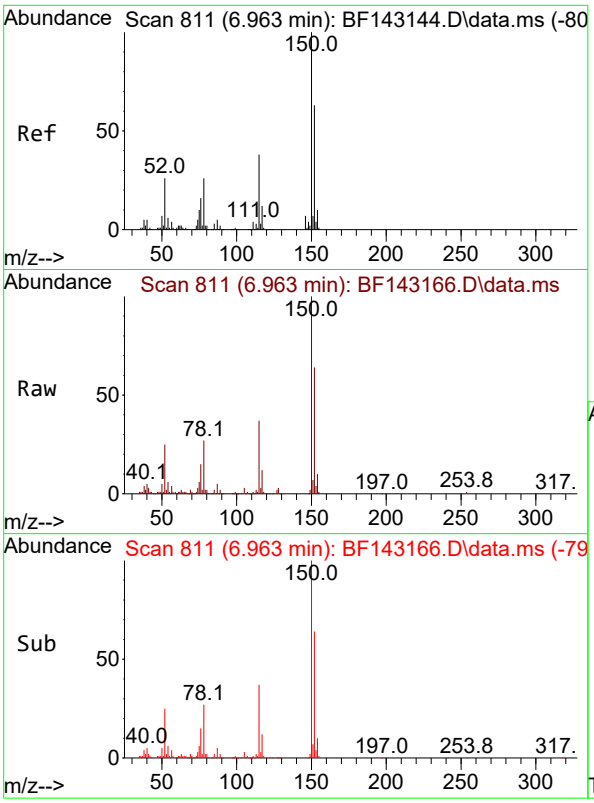
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Time: Jul 18 15:29:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



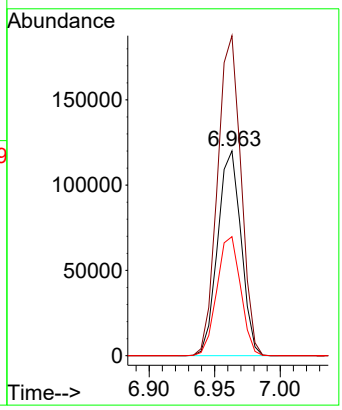


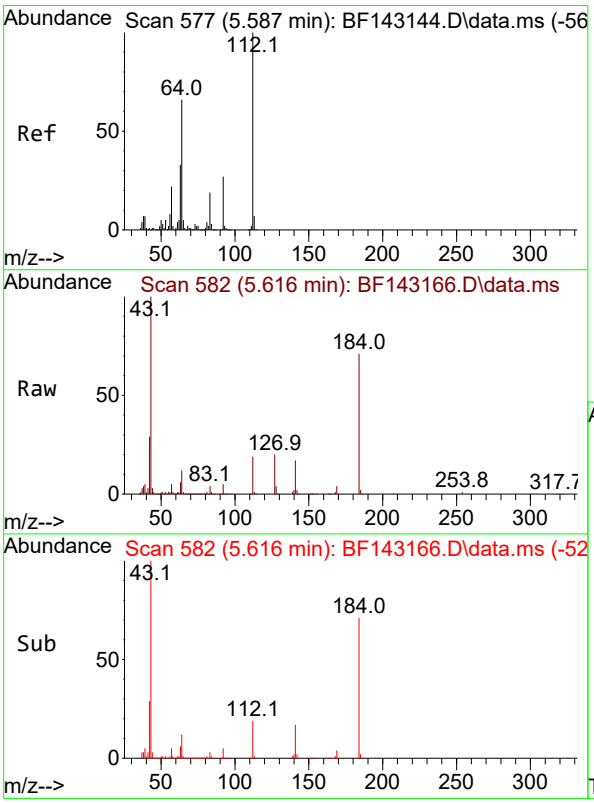
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion:152 Resp: 148923

Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.2	192.4
115	58.1	47.9	71.9

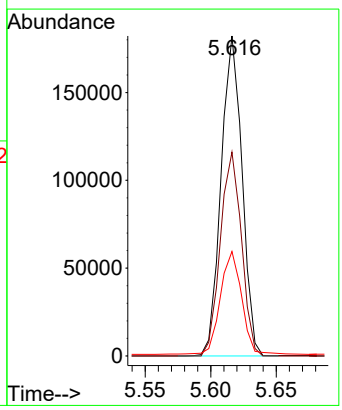


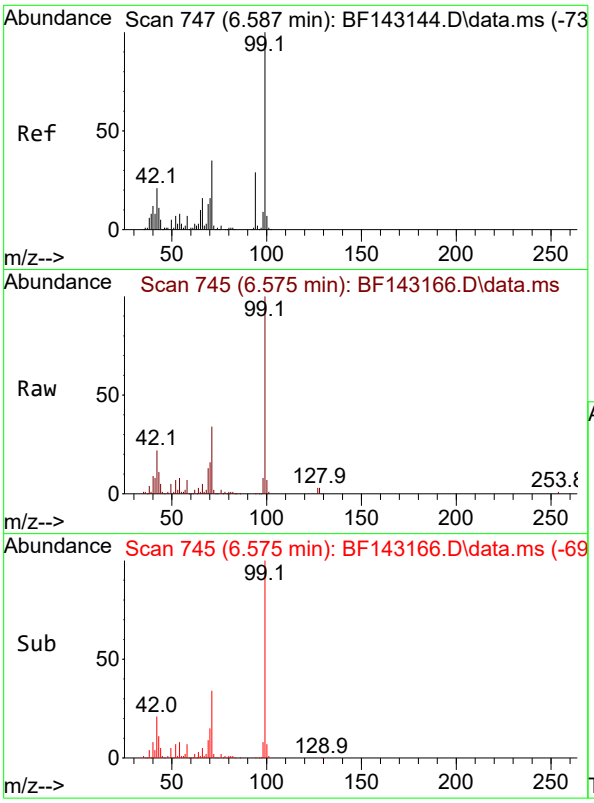


#5
2-Fluorophenol
Concen: 21.457 ng
RT: 5.616 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:112 Resp: 201931

Ion	Ratio	Lower	Upper
112	100		
64	63.7	53.1	79.7
63	32.7	26.6	40.0



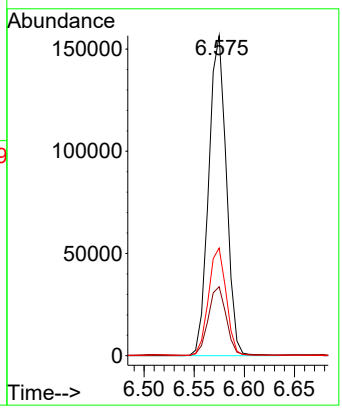


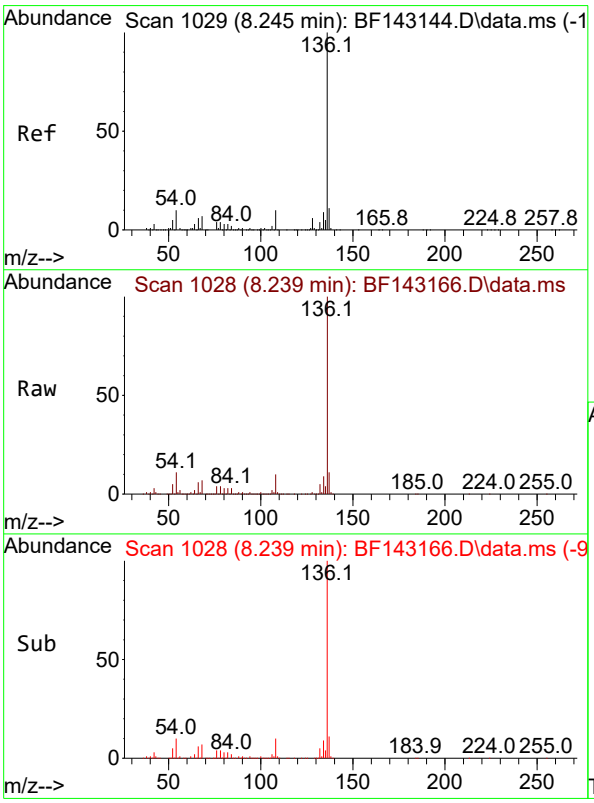
#7
Phenol-d6
Concen: 16.200 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion: 99 Resp: 191889

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	33.6	27.7	41.5

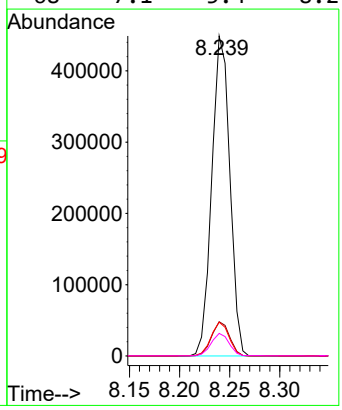


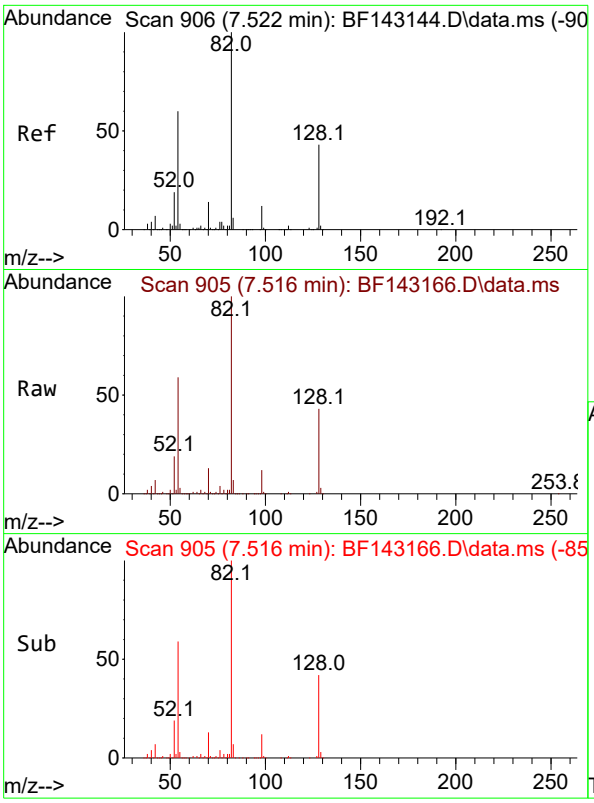


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:136 Resp: 563250

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.5	8.2	12.2
68	7.1	5.4	8.2



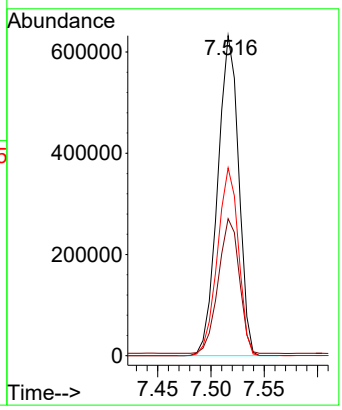


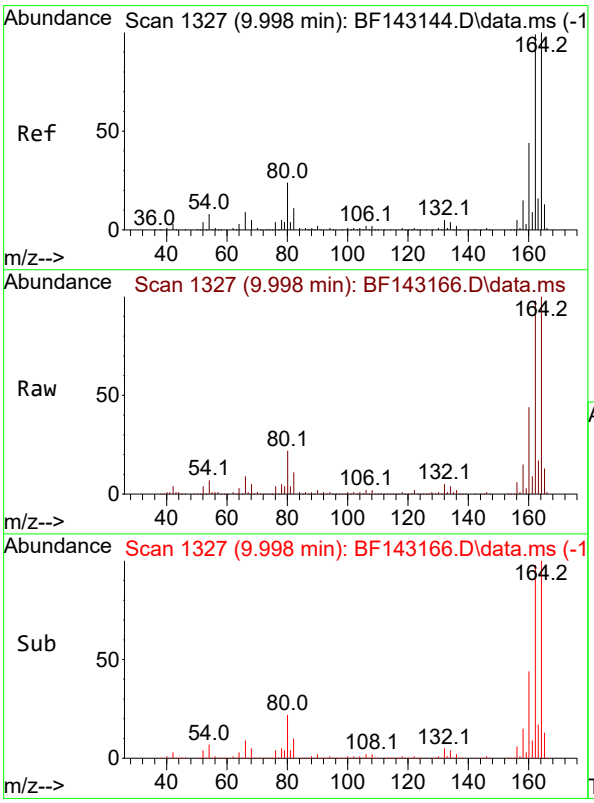
#23
Nitrobenzene-d5
Concen: 76.469 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion: 82 Resp: 864066

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.6	50.4
54	58.7	47.1	70.7

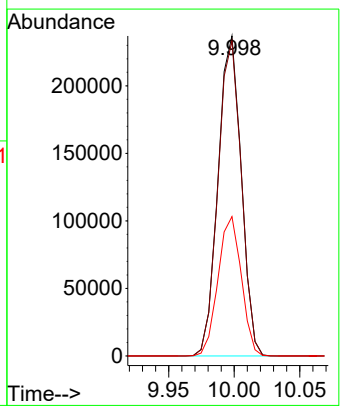


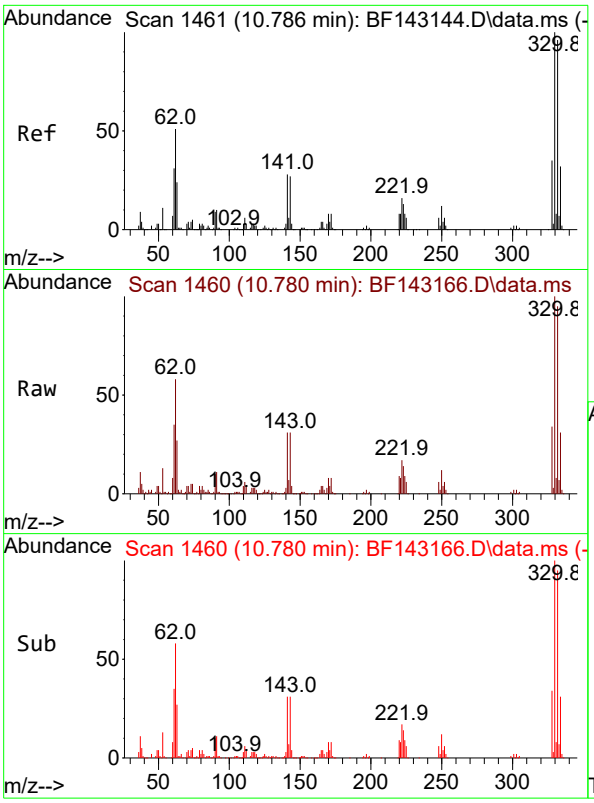


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:164 Resp: 291129

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.0	118.6
160	43.5	35.1	52.7



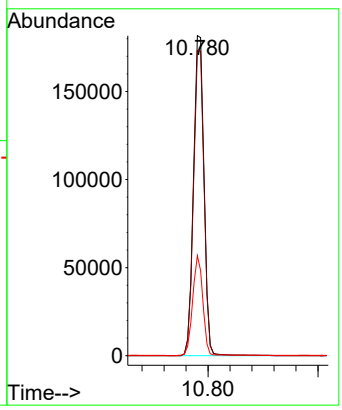


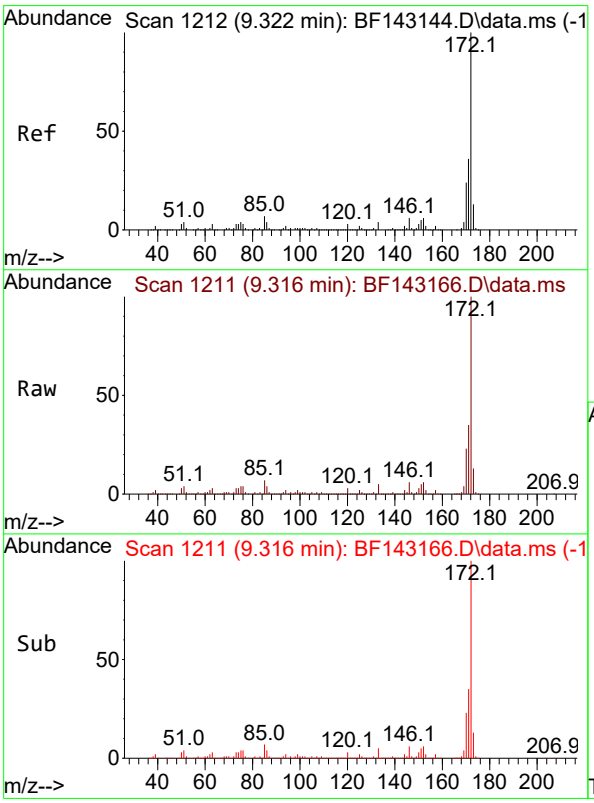
#42
2,4,6-Tribromophenol
Concen: 80.222 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion:330 Resp: 241269

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	30.2	23.3	34.9

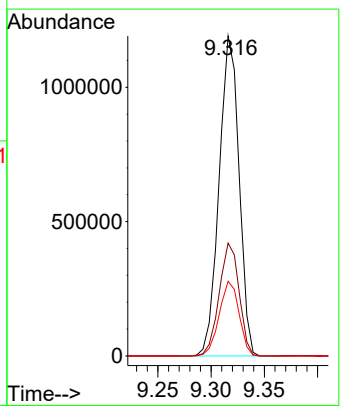


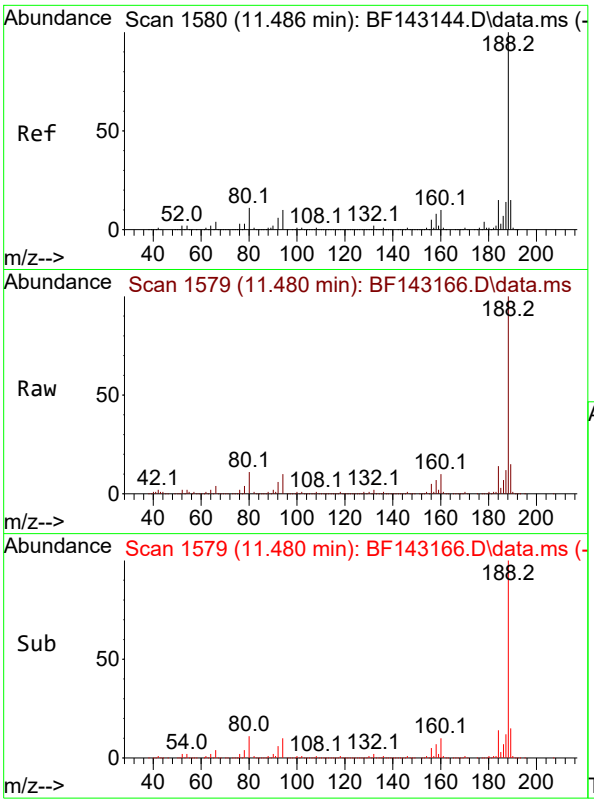


#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:172 Resp: 1545436

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.3	18.8	28.2



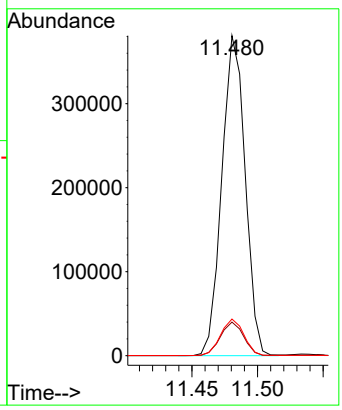


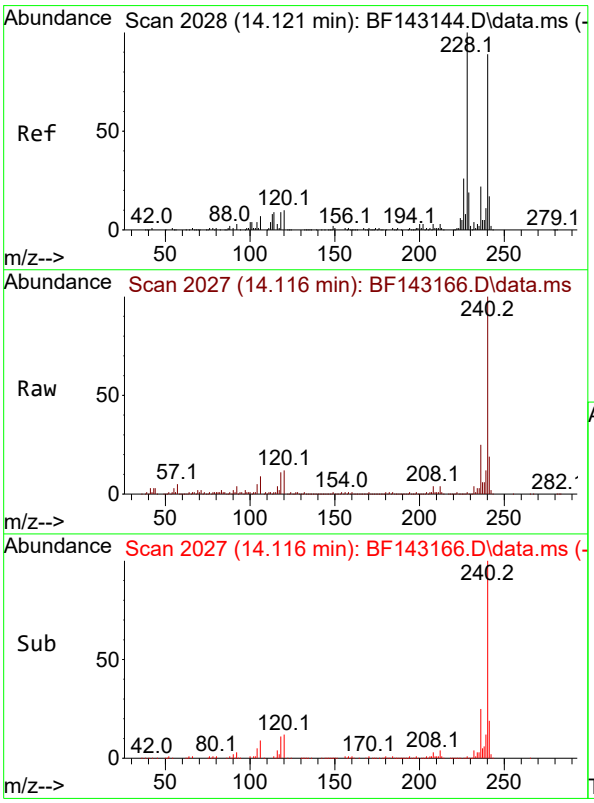
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion:188 Resp: 471233

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.5	9.0	13.6

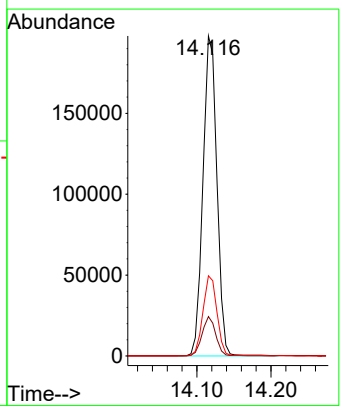


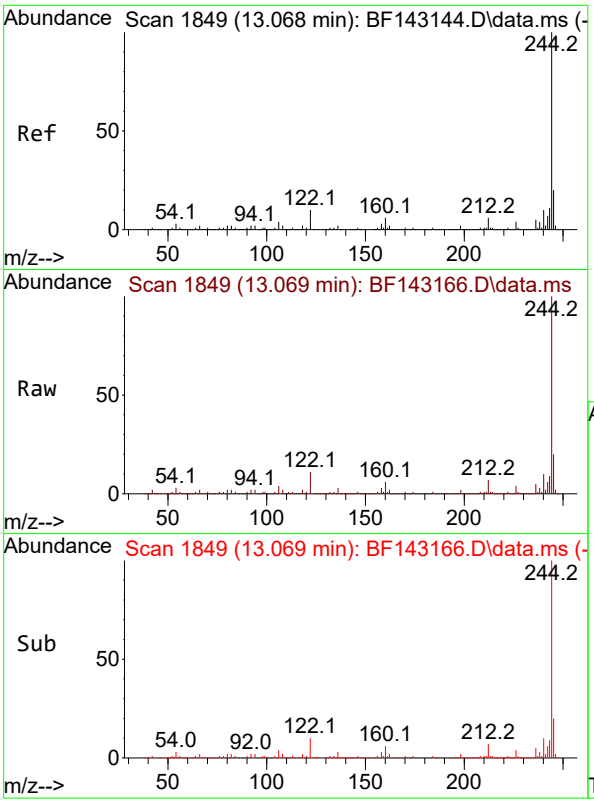


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:240 Resp: 258976

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.4	14.2
236	25.1	20.2	30.4



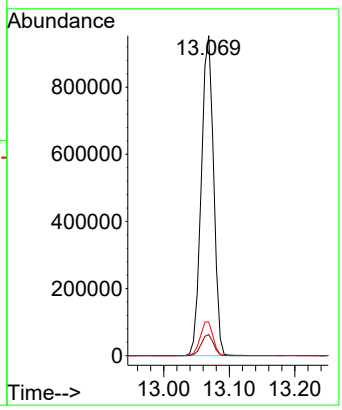


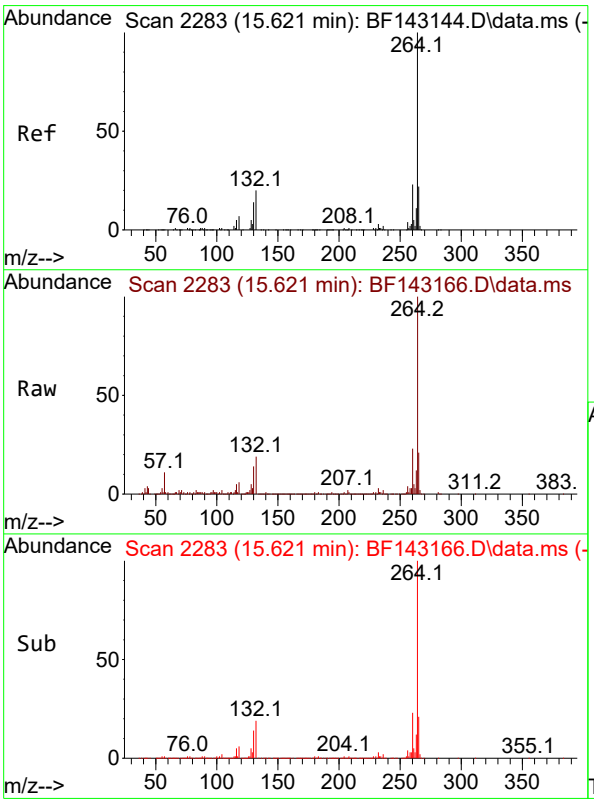
#79
Terphenyl-d14
Concen: 71.740 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Tgt Ion:244 Resp: 1248495

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	10.5	8.2	12.2

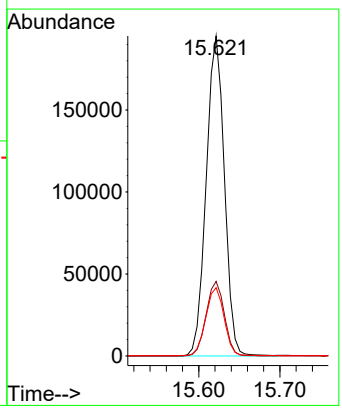




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:264 Resp: 303472

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.4	17.4	26.2



Sample Results: **BF143166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	14	22	30	rVB	2200445	3574309	33.07%	5.663%
2	4.816	440	446	452	rVB	299975	415962	3.85%	0.659%
3	5.287	519	526	561	rBV	1318073	3347940	30.98%	5.305%
4	5.634	570	585	591	rVB2	3654456	10807966	100.00%	17.125%
5	6.416	713	718	723	rBV	444426	550512	5.09%	0.872%
6	6.575	740	745	754	rVB	459744	571887	5.29%	0.906%
7	6.716	763	769	774	rBV	1899399	2531919	23.43%	4.012%
8	6.928	799	805	807	rBV	810328	1089694	10.08%	1.727%
9	6.957	807	810	814	rVV	751517	1046436	9.68%	1.658%
10	6.998	814	817	824	rVB	105131	128813	1.19%	0.204%
11	7.516	898	905	910	rBV	1899919	2605158	24.10%	4.128%
12	7.881	963	967	973	rBV	88283	118737	1.10%	0.188%
13	8.239	1022	1028	1032	rBV	942965	1243971	11.51%	1.971%
14	8.275	1032	1034	1038	rVV	119378	132967	1.23%	0.211%
15	9.316	1205	1211	1216	rVB	3497450	4530186	41.92%	7.178%
16	9.810	1291	1295	1300	rVB	100377	124939	1.16%	0.198%
17	9.998	1322	1327	1332	rVB	1012826	1256147	11.62%	1.990%
18	10.704	1442	1447	1453	rBV	171786	220074	2.04%	0.349%
19	10.780	1455	1460	1469	rBV	1407944	1815375	16.80%	2.876%
20	11.480	1574	1579	1585	rVB	948169	1183096	10.95%	1.875%
21	11.869	1640	1645	1653	rBV	360206	464623	4.30%	0.736%
22	12.004	1663	1668	1673	rBV	309893	427778	3.96%	0.678%
23	12.063	1675	1678	1684	rVV2	80299	118179	1.09%	0.187%
24	12.786	1797	1801	1810	rBV	168706	256458	2.37%	0.406%
25	13.069	1843	1849	1854	rBV	2490281	3297849	30.51%	5.225%
26	13.651	1926	1948	1953	rBV3	696639	3485554	32.25%	5.523%
27	13.757	1956	1966	1995	rVB2	1134947	5700424	52.74%	9.032%
28	14.116	2022	2027	2034	rVB	535016	709187	6.56%	1.124%
29	15.621	2278	2283	2295	rVB	539788	907932	8.40%	1.439%
30	16.410	2410	2417	2427	rBV3	122058	427294	3.95%	0.677%
31	16.639	2438	2456	2500	rVB	1763955	10022165	92.73%	15.880%

Sum of corrected areas: 63113531

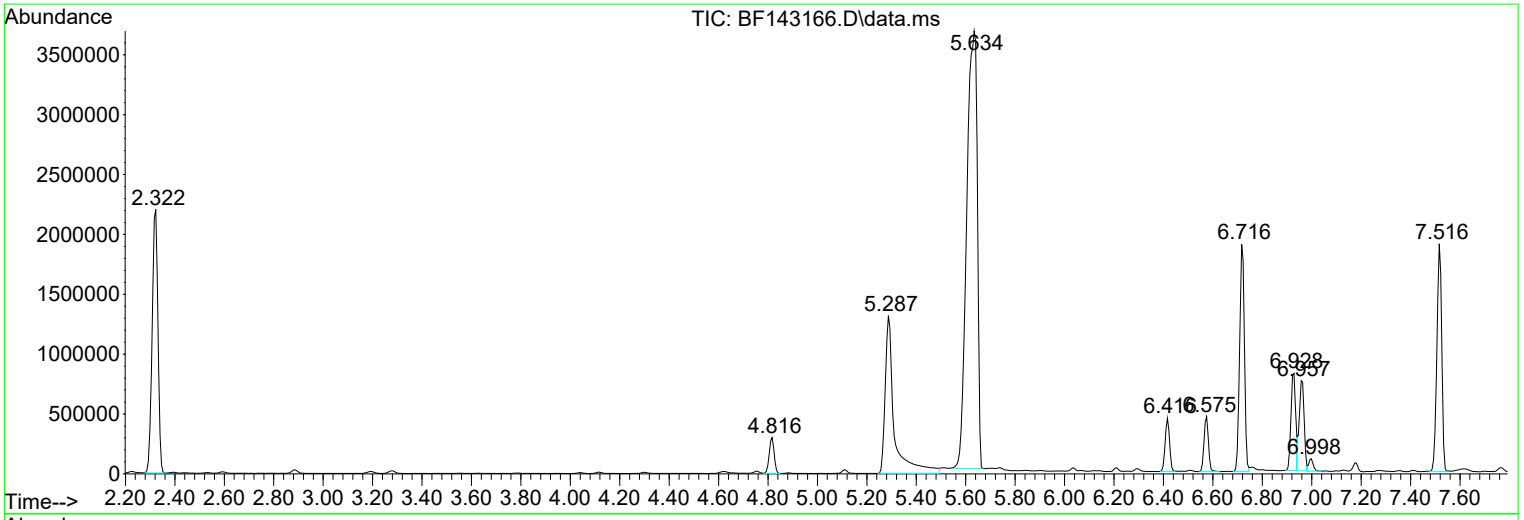
Sample Results: **BF143166.D**

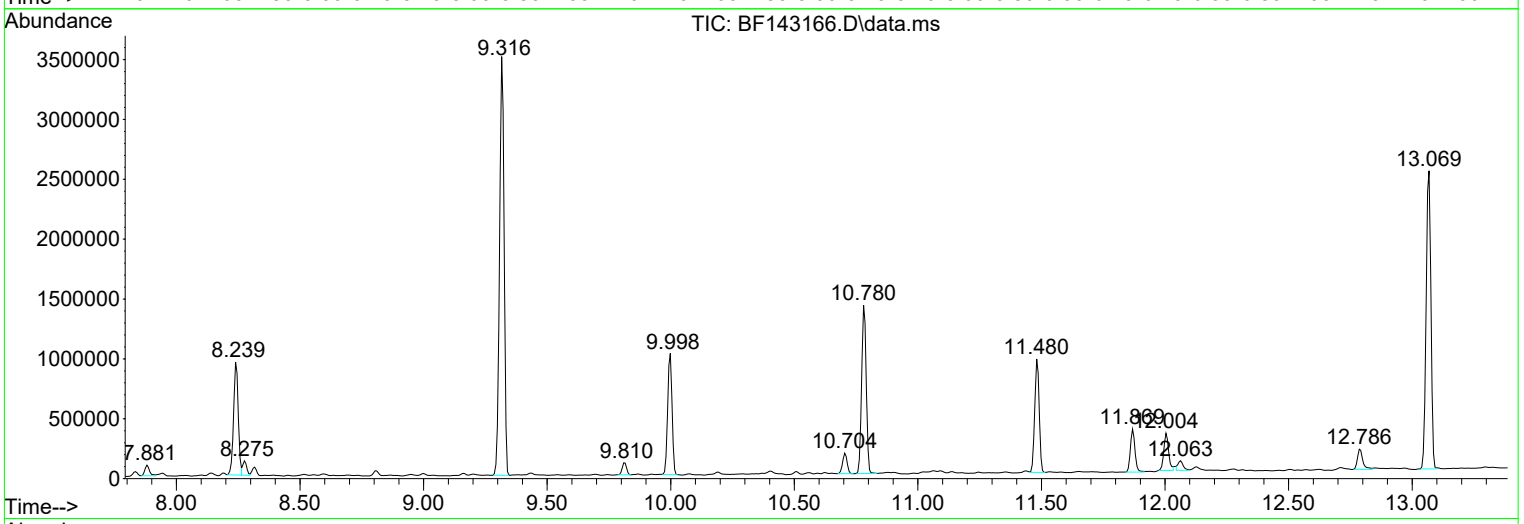
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

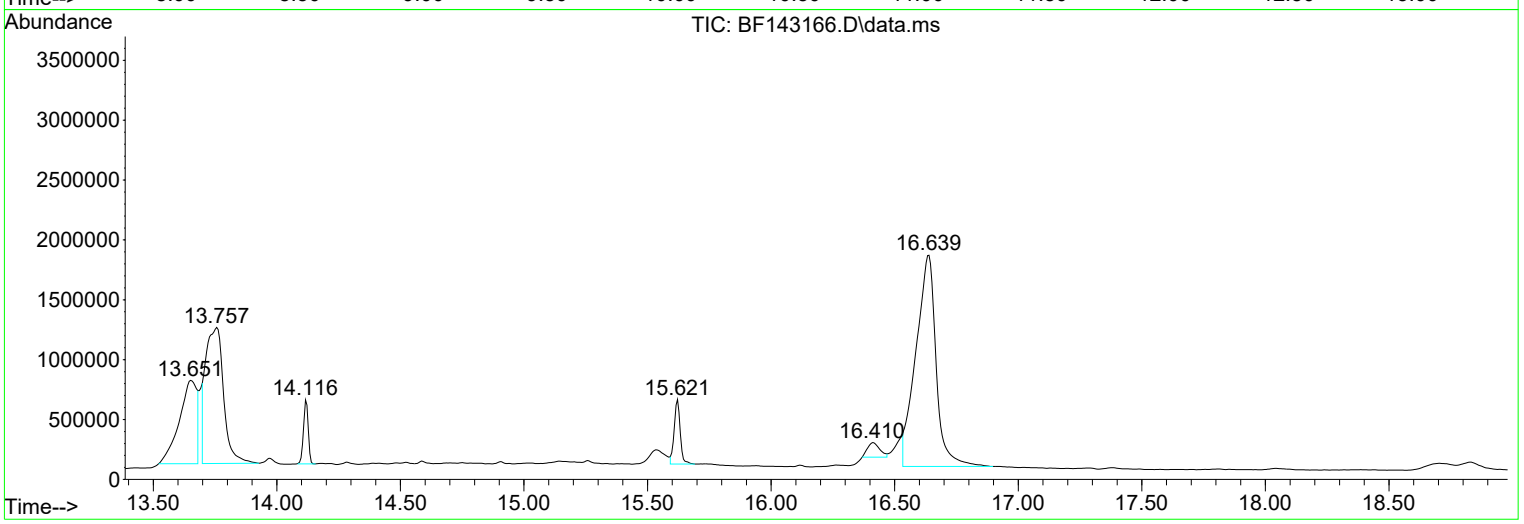
Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

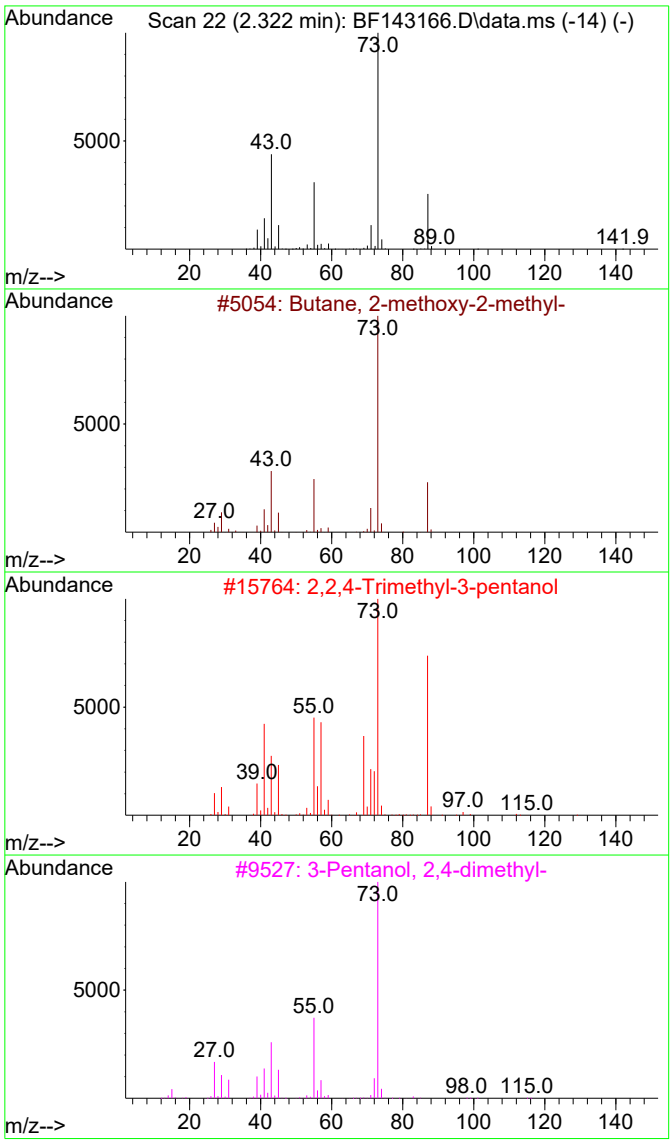
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

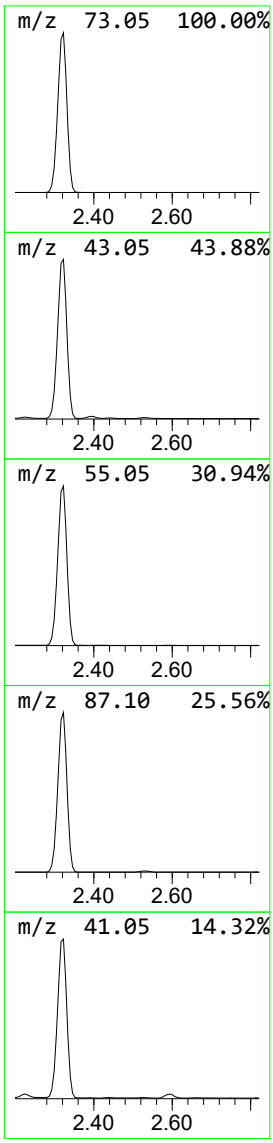
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	68.31 ng	3574310	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

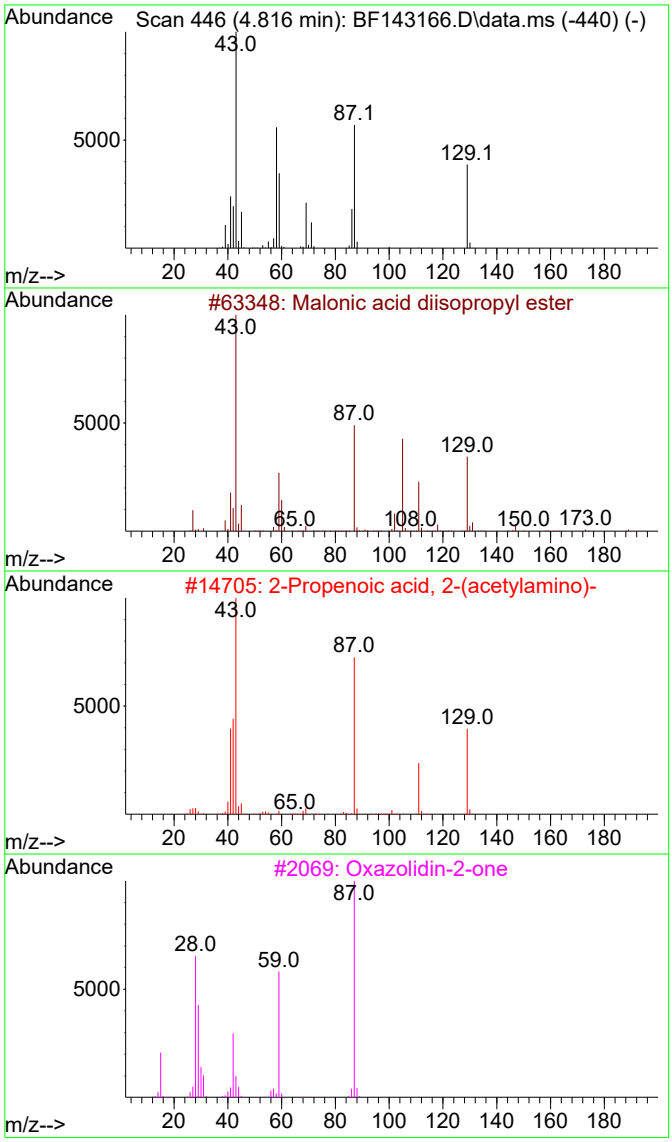
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

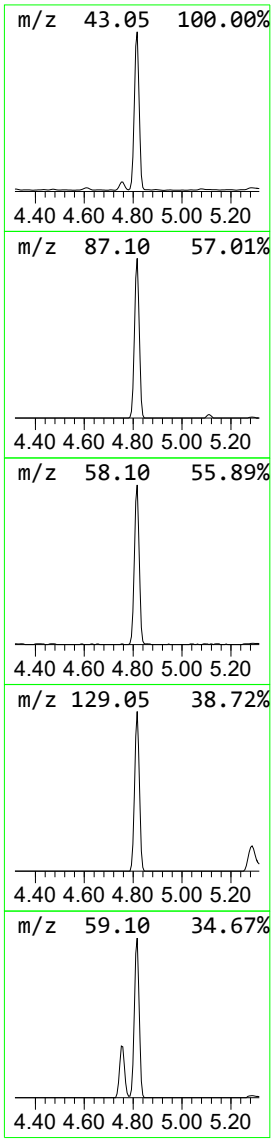
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Malonic acid diisopropyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.816	7.95 ng	415962	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malonic acid diisopropyl ester	188	C9H16O4	013195-64-7	50
2	2-Propenoic acid, 2-(acetylamino)-	129	C5H7NO3	005429-56-1	32
3	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	30
4	Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	30
5	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

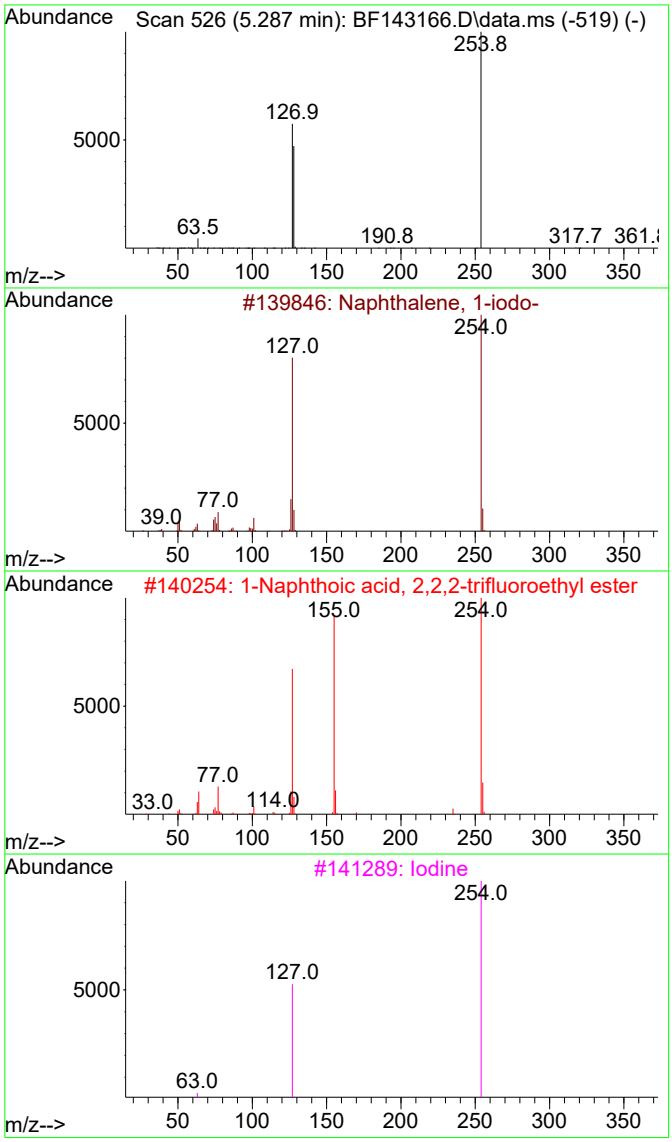
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

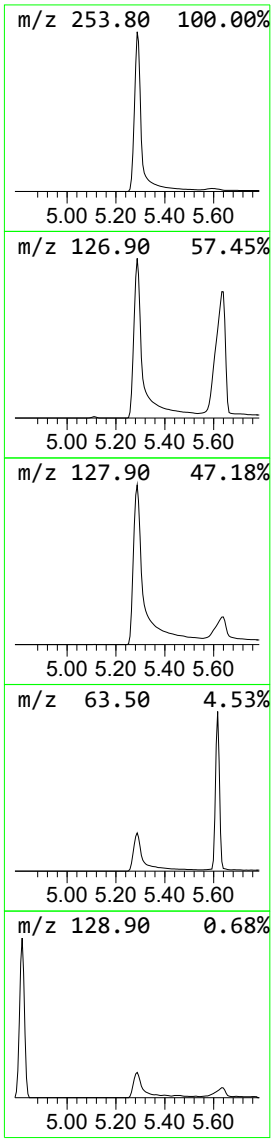
****

Peak Number 3 unknown5.287 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.287	63.99 ng	3347940	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-iodo-	254	C10H7I	000090-14-2	9
2	1-Naphthoic acid, 2,2,2-trifluor...	254	C13H9F3O2	1000325-54-4	9
3	Iodine	254	I2	007553-56-2	9
4	5-Chloro-3-iodo-2-pyridinylamine	254	C5H4ClIN2	211308-81-5	7
5	Acenaphtho(1,2-b)quinoxaline	254	C18H10N2	000207-11-4	5





Sample Results: **BF143166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

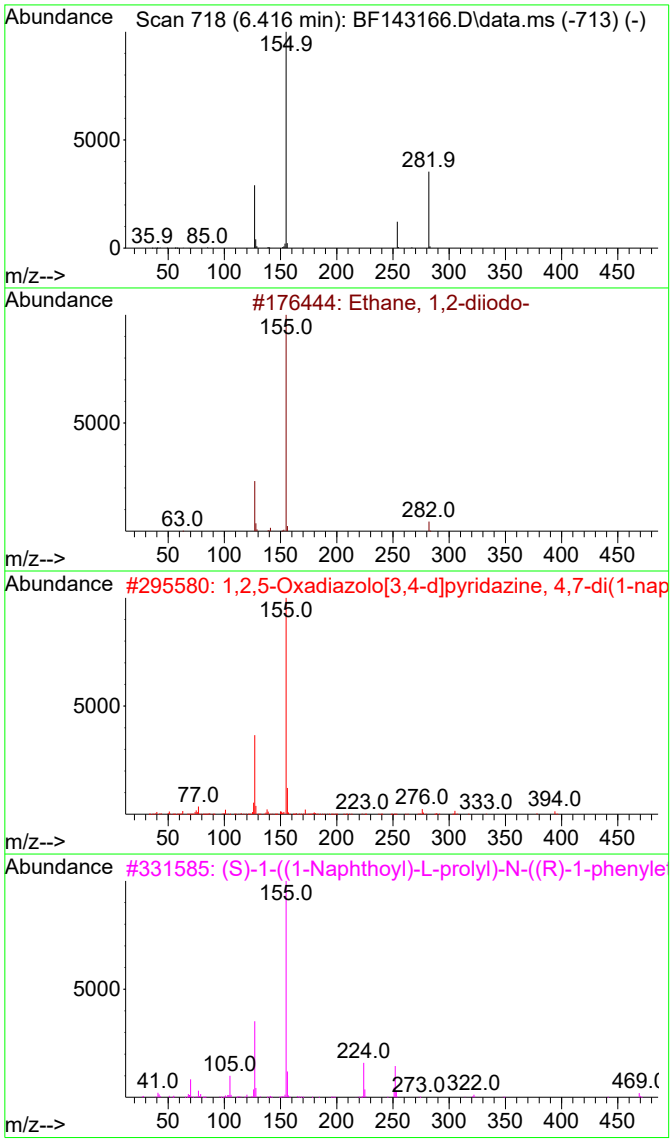
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

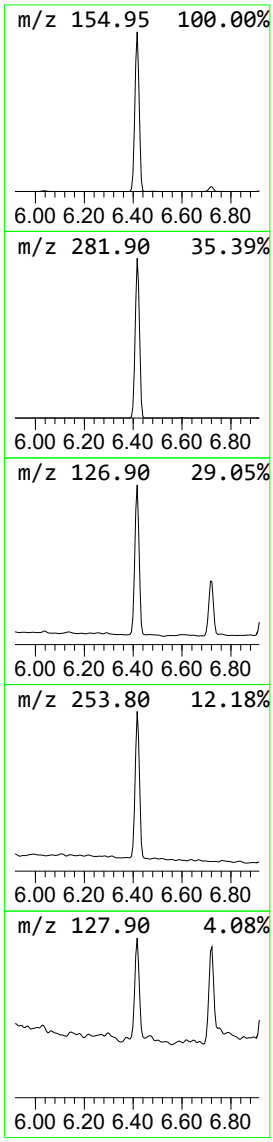
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethane, 1,2-diiodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.416	10.52 ng	550512	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-diiodo-	282	C2H4I2	000624-73-7	72
2	1,2,5-Oxadiazolo[3,4-d]pyridazin...	390	C24H14N4O2	1000276-89-8	9
3	(S)-1-((1-Naphthoyl)-L-prolyl)-N...	469	C29H31N3O3	1000483-34-9	9
4	2-Chloro-4-fluorobenzonitrile	155	C7H3ClFN	060702-69-4	7
5	2-Chloro-6-fluorobenzonitrile	155	C7H3ClFN	000668-45-1	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

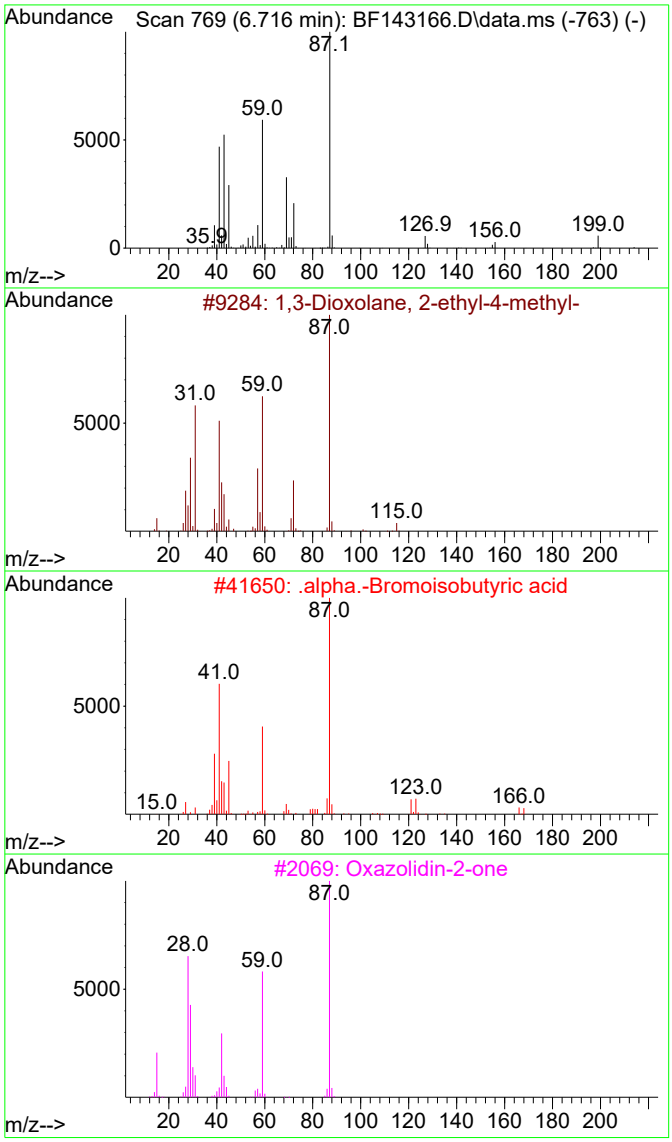
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

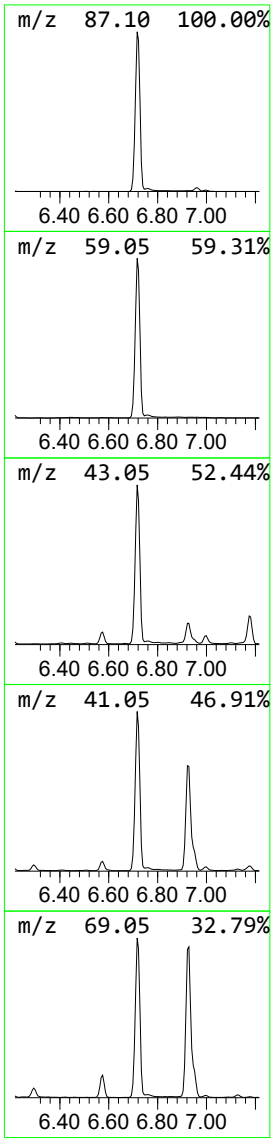
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	48.39 ng	2531920	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	59
2	.alpha.-Bromoisobutyric acid	166	C4H7BrO2	002052-01-9	59
3	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	52
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	49
5	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

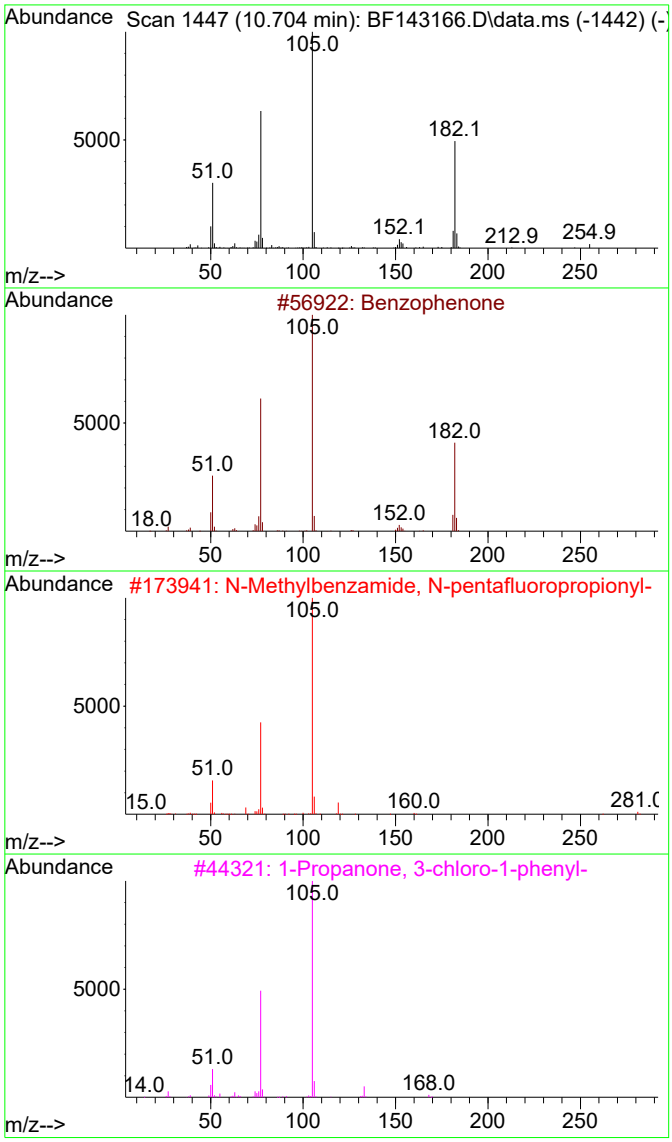
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

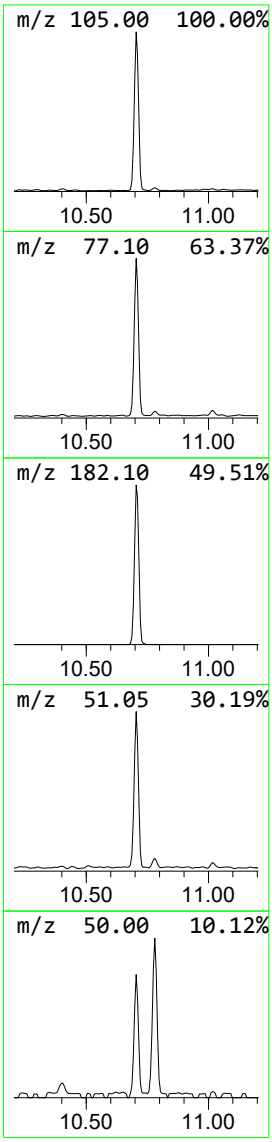
****

Peak Number 6 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.50 ng	220074	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	50
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50
5	Benzoylformic acid	150	C8H6O3	000611-73-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

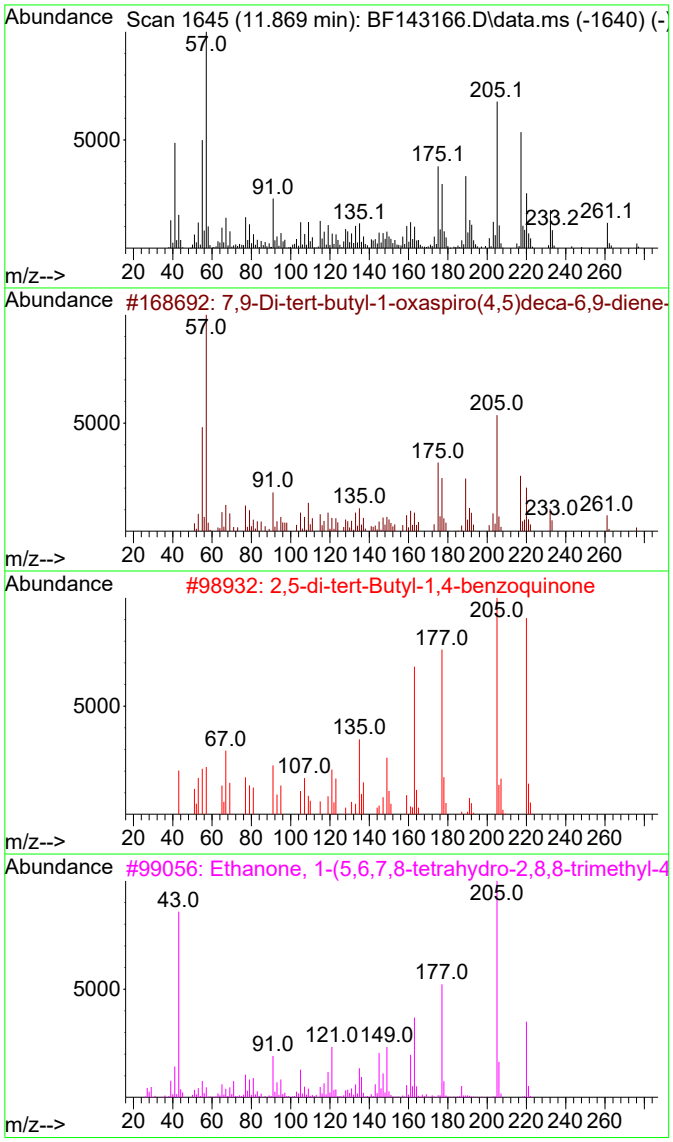
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

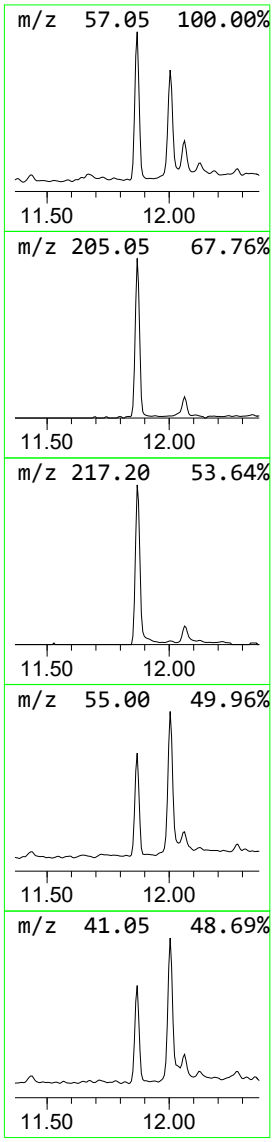
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	7.85 ng	464623	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	60
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
4	2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	40
5	(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...	220	C15H24O	104188-25-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

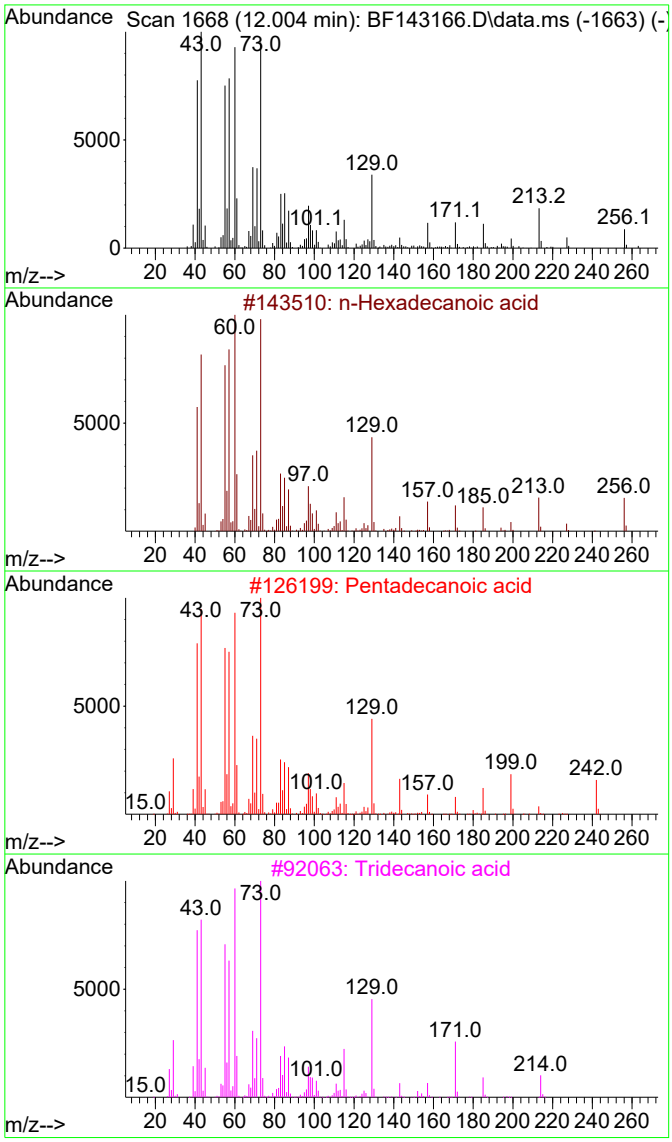
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

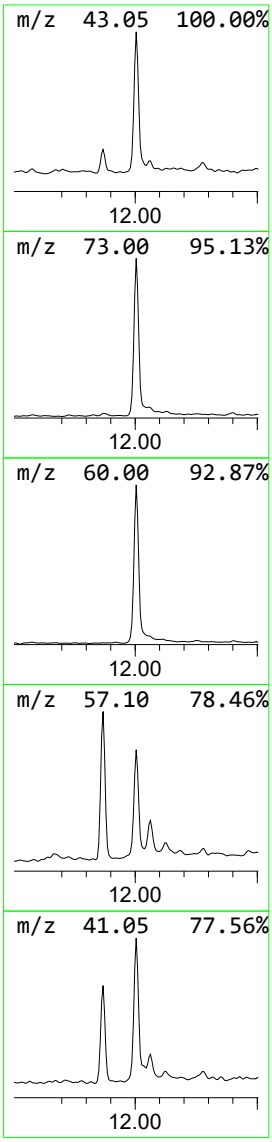
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.23 ng	427778	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

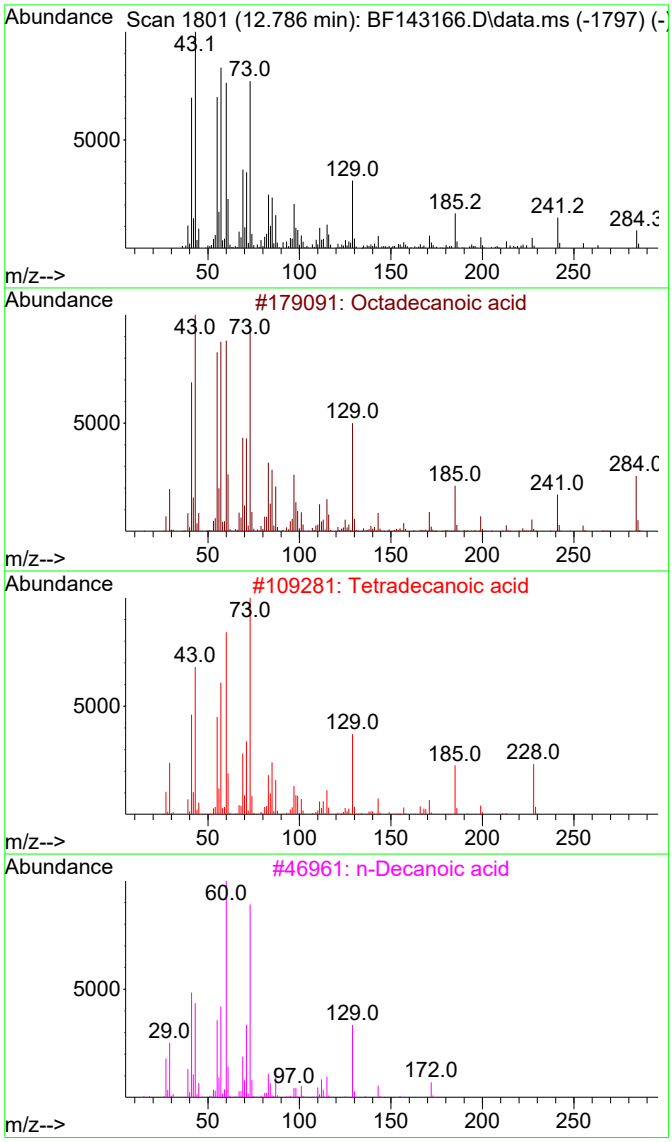
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

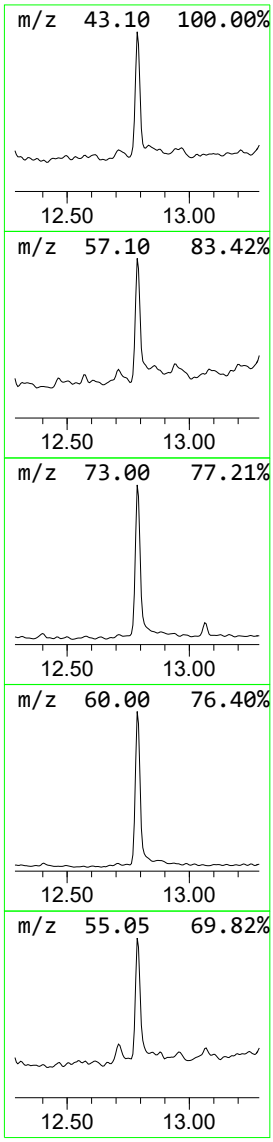
****

Peak Number 9 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	4.34 ng	256458	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	Octanoic acid	144	C8H16O2	000124-07-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

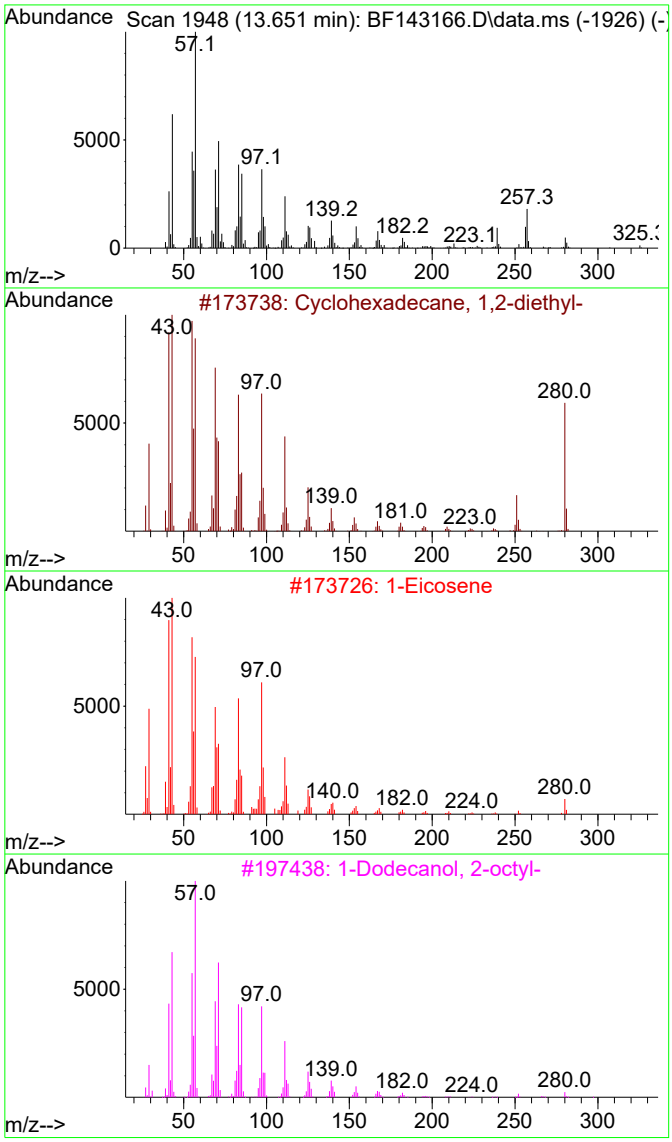
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

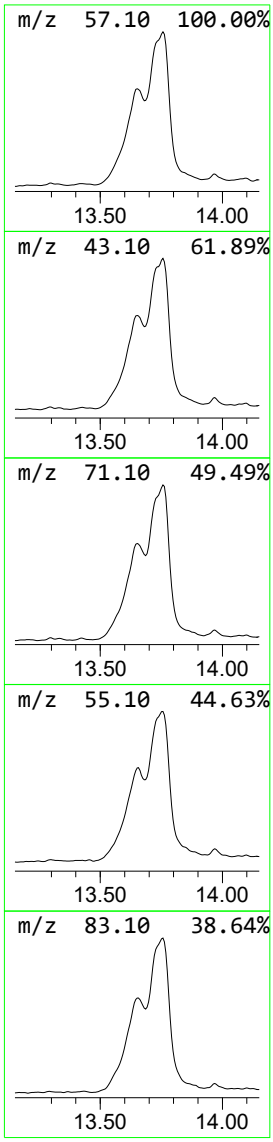
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	98.30 ng	3485550	Chrysene-d12	14.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
2	1-Eicosene	280	C20H40	003452-07-1	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

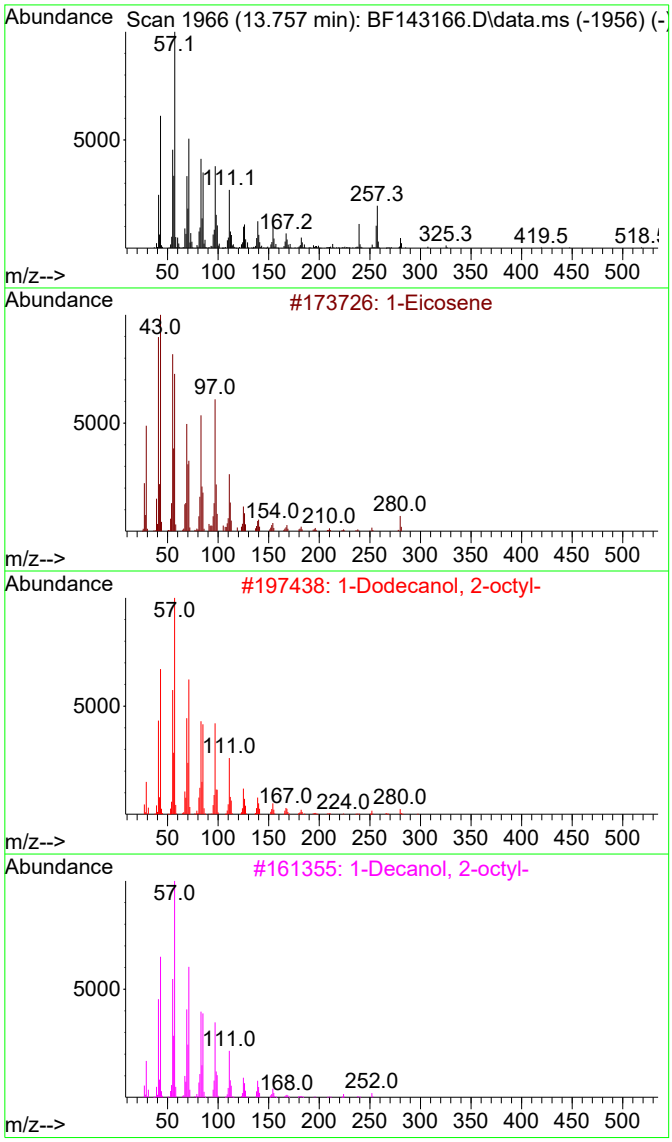
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

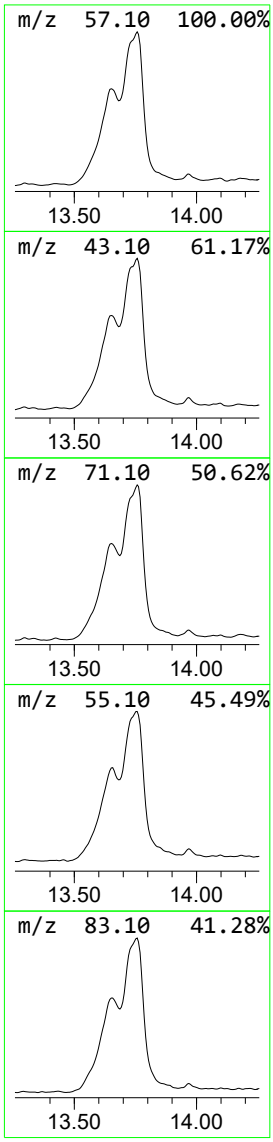
****

Peak Number 11 1-Eicosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	160.76 ng	5700420	Chrysene-d12	14.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	87
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	70
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

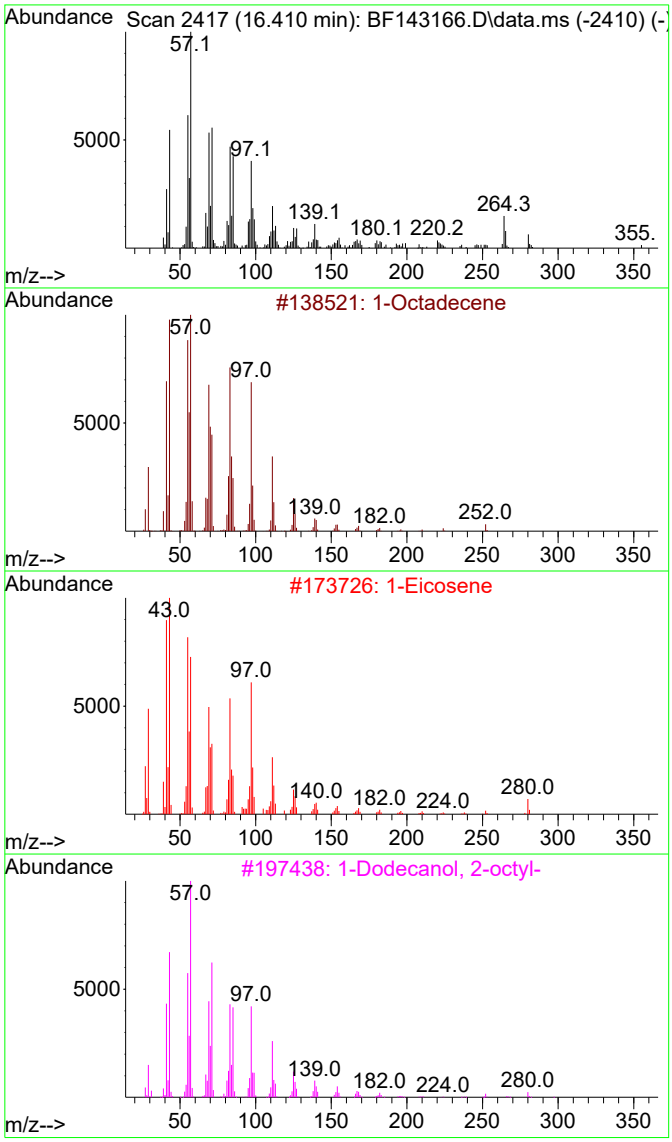
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

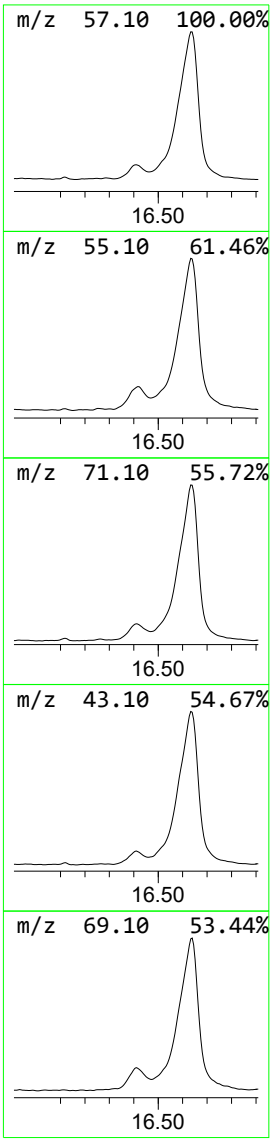
****

Peak Number 12 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	9.41 ng	427294	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	86
2	1-Eicosene	280	C20H40	003452-07-1	83
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

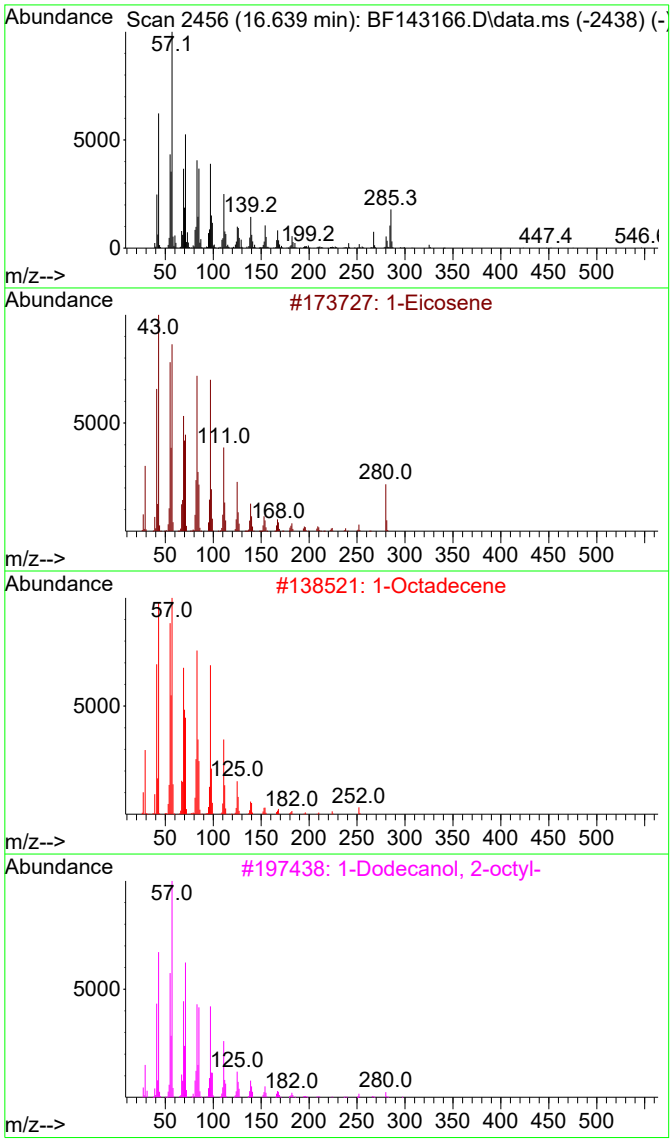
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

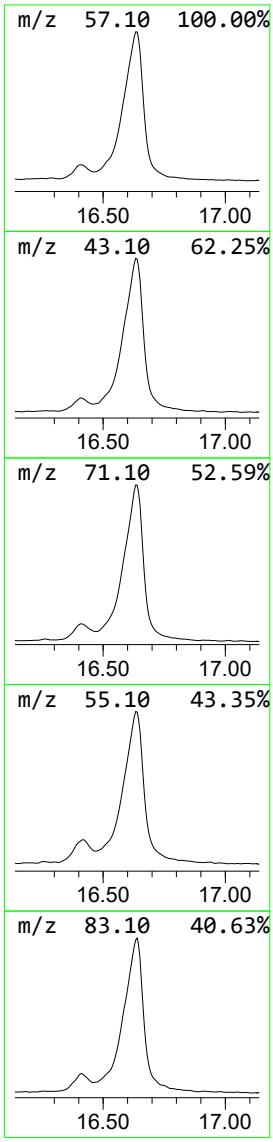
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Dodecanol, 2-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	220.77 ng	10022200	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	90
2	1-Octadecene	252	C18H36	000112-88-9	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4	2-Octyldodecyl isobutyrate	368	C24H48O2	1000368-55-5	87
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	86





Sample Results: **BF143166.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.322	68.3	ng	3574310	1	6.963	1046440	20.0
Malonic acid di...	4.816	8.0	ng	415962	1	6.963	1046440	20.0
unknown5.287	5.287	64.0	ng	3347940	1	6.963	1046440	20.0
Ethane, 1,2-dii...	6.416	10.5	ng	550512	1	6.963	1046440	20.0
1,3-Dioxolane, ...	6.716	48.4	ng	2531920	1	6.963	1046440	20.0
Benzophenone	10.704	3.5	ng	220074	3	9.998	1256150	20.0
7,9-Di-tert-but...	11.869	7.8	ng	464623	4	11.480	1183100	20.0
n-Hexadecanoic ...	12.004	7.2	ng	427778	4	11.480	1183100	20.0
Octadecanoic acid	12.786	4.3	ng	256458	4	11.480	1183100	20.0
Cyclohexadecane...	13.651	98.3	ng	3485550	5	14.116	709187	20.0
1-Eicosene	13.757	160.8	ng	5700420	5	14.116	709187	20.0
1-Octadecene	16.410	9.4	ng	427294	6	15.621	907932	20.0
1-Dodecanol, 2-...	16.639	220.8	ng	10022200	6	15.621	907932	20.0

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071825

Review By	Rahul	Review On	7/21/2025 8:15:21 AM		
Supervise By	Jagrut	Supervise On	7/21/2025 9:31:31 AM		
SubDirectory	BF071825	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143158.D	18 Jul 2025 10:55	RC/JU	Ok
2	SSTDCCC040	BF143159.D	18 Jul 2025 11:24	RC/JU	Ok,M
3	PB168737BL	BF143160.D	18 Jul 2025 11:54	RC/JU	Ok
4	PB168854BS	BF143161.D	18 Jul 2025 12:23	RC/JU	Not Ok
5	PB168904BS	BF143162.D	18 Jul 2025 12:53	RC/JU	Ok,M
6	PB168904BSD	BF143163.D	18 Jul 2025 13:22	RC/JU	Ok,M
7	PB168904BL	BF143164.D	18 Jul 2025 13:52	RC/JU	Ok
8	Q2585-04	BF143165.D	18 Jul 2025 14:25	RC/JU	Ok
9	Q2594-01	BF143166.D	18 Jul 2025 14:54	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071825

Review By	Rahul	Review On	7/21/2025 8:15:21 AM		
Supervise By	Jagrut	Supervise On	7/21/2025 9:31:31 AM		
SubDirectory	BF071825	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BF143158.D	18 Jul 2025 10:55		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143159.D	18 Jul 2025 11:24		RC/JU	Ok,M
3	PB168737BL	PB168737BL	BF143160.D	18 Jul 2025 11:54		RC/JU	Ok
4	PB168854BS	PB168854BS	BF143161.D	18 Jul 2025 12:23	Already analyzed	RC/JU	Not Ok
5	PB168904BS	PB168904BS	BF143162.D	18 Jul 2025 12:53		RC/JU	Ok,M
6	PB168904BSD	PB168904BSD	BF143163.D	18 Jul 2025 13:22		RC/JU	Ok,M
7	PB168904BL	PB168904BL	BF143164.D	18 Jul 2025 13:52		RC/JU	Ok
8	Q2585-04	EFF-WW	BF143165.D	18 Jul 2025 14:25	Surrogate and Internal standard fail	RC/JU	Ok
9	Q2594-01	CC-071325-RW	BF143166.D	18 Jul 2025 14:54	Surrogate fail.	RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168904

SOP ID:	M625.1-BNA-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/17/2025
Matrix :	Water			**Extraction Start Time :**	08:39
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/17/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	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	50/100 PPM	SP6849
Surrogate	1.0ML	100 PPM	SP6759
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	EP2625
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with10N NaOH.

KD Bath ID:	Water bath -01	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/17/25	RS (B4-lab)	RC/SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168904

Analytical Method: M625.1-BNA-21

Concentration Date: 07/17/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168904BL	SBLK904	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168904BS	SLCS904	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168904BSD	SLCSD904	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2585-04	EFF-WW	SVOCMS Group1	950	6	RUPESH	ritesh	1	C		4
Q2594-01	CC-071325-RW	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	D		5

RS 7/17

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

168904
8:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2585 **WorkList ID :** 190795 **Department :** Extraction **Date :** 07-17-2025 08:31:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2585-04	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D41	07/11/2025	625.1
Q2594-01	CC-071325-RW	Water	SVOC-TCL BNA -20	Cool 4 deg C	ENVI60	O42	07/14/2025	625.1

Date/Time 7/17/25 8:32
Raw Sample Received by: RJ (ExtLab)
Raw Sample Relinquished by: CP SM

Date/Time 7/17/25 9:05
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (ExtLab)

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LAB CHRONICLE

OrderID:	Q2594	**OrderDate:**	7/14/2025 12:05:00 PM
Client:	Environmental Restoration, LLC	**Project:**	Cooper Chemical - Long Valley NJ 2-COOP-ANS
Contact:	Byron Hartman	**Location:**	O41,O42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2594-01	**CC-071325-RW**	**Water**			**07/14/25**			**07/14/25**
			SVOC-TCL BNA -20	625.1		07/17/25	07/18/25	