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		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**CC-071325-RW**								
Q2594-01	CC-071325-RW	WATER	1,3-Dioxolane, 2-ethyl-4-methyl-	*	48.400	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	1-Dodecanol, 2-octyl-	*	220.000	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	1-Eicosene	*	160.000	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	1-Octadecene	*	9.400	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.900	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Benzophenone	*	3.500	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Butane, 2-methoxy-2-methyl-	*	68.300	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Cyclohexadecane, 1,2-diethyl-	*	98.300	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Ethane, 1,2-diiodo-	*	10.500	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Malonic acid diisopropyl ester	*	8.000	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	n-Hexadecanoic acid	*	7.200	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	Octadecanoic acid	*	4.300	J	0	0	ug/L
Q2594-01	CC-071325-RW	WATER	unknown5.287	*	64.000	J	0	0	ug/L
			Total Tics :		**709.80**				
			Total Concentration:		**709.80**				

SAMPLE DATA

Raw Data: **BF143166.D**

Alliance TECHNICAL GROUP
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
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	5.00	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	UQ	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

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	0.75	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	UQ	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	UQ	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: **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
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	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,
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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

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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
68	Less than 2.0% of mass 69	0.5 (1.9) 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	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
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
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
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	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

Raw Data: **BF143164.D**

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

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BL	SDG No.:	Q2594
Lab Sample ID:	PB168904BL	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
BF143164.D	1	07/17/25 08:39	07/18/25 13:52	PB168904

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	5.00	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

Raw Data: **BF143164.D**

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

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BL	SDG No.:	Q2594
Lab Sample ID:	PB168904BL	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
BF143164.D	1	07/17/25 08:39	07/18/25 13:52	PB168904

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: **BF143164.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BL	SDG No.:	Q2594
Lab Sample ID:	PB168904BL	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
BF143164.D	1	07/17/25 08:39	07/18/25 13:52	PB168904

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	82.8		15 (60) - 110 (140)	83%	SPK: 100
13127-88-3	Phenol-d6	83.0		15 (60) - 110 (140)	83%	SPK: 100
4165-60-0	Nitrobenzene-d5	79.3		30 (60) - 130 (140)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.8		30 (60) - 130 (140)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	69.4		15 (60) - 110 (140)	69%	SPK: 100
1718-51-0	Terphenyl-d14	82.8		30 (60) - 130 (140)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.957			
1146-65-2	Naphthalene-d8	555000	8.239			
15067-26-2	Acenaphthene-d10	293000	9.998			
1517-22-2	Phenanthrene-d10	505000	11.48			
1719-03-5	Chrysene-d12	280000	14.116			
1520-96-3	Perylene-d12	286000	15.621			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown11.639	5.30	J		11.6	ug/L

Raw Data: **BF143164.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BL	SDG No.:	Q2594
Lab Sample ID:	PB168904BL	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
BF143164.D	1	07/17/25 08:39	07/18/25 13:52	PB168904

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: **BF143162.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BS	SDG No.:	Q2594
Lab Sample ID:	PB168904BS	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
BF143162.D	1	07/17/25 08:39	07/18/25 12:53	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	33.5		3.90	10.0	ug/L
108-95-2	Phenol	42.4		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	43.1		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.7		1.30	5.00	ug/L
98-86-2	Acetophenone	43.2		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	42.4		1.40	5.00	ug/L
67-72-1	Hexachloroethane	43.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.0		0.76	5.00	ug/L
78-59-1	Isophorone	43.8		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	46.4		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.1		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.6		0.52	5.00	ug/L
91-20-3	Naphthalene	42.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.8		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.9		0.54	5.00	ug/L
105-60-2	Caprolactam	47.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.3		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	86.3	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	42.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	45.7		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	46.7		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	43.9		0.61	5.00	ug/L

Raw Data: **BF143162.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BS	SDG No.:	Q2594
Lab Sample ID:	PB168904BS	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
BF143162.D	1	07/17/25 08:39	07/18/25 12:53	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	47.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	29.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	46.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	90.5	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	89.2	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.4		0.68	5.00	ug/L
86-73-7	Fluorene	42.8		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	44.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.1		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.1		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.7		0.52	5.00	ug/L
1912-24-9	Atrazine	47.4		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	91.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.8		0.50	5.00	ug/L
120-12-7	Anthracene	43.8		0.61	5.00	ug/L
86-74-8	Carbazole	43.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.2		0.82	5.00	ug/L
129-00-0	Pyrene	44.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.2		0.45	5.00	ug/L
218-01-9	Chrysene	45.1		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.8		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	46.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.7		0.49	5.00	ug/L

Raw Data: **BF143162.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BS	SDG No.:	Q2594
Lab Sample ID:	PB168904BS	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
BF143162.D	1	07/17/25 08:39	07/18/25 12:53	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.6		0.52	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.1		0.72	5.00	ug/L
123-91-1	1,4-Dioxane	35.8		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.6		15 (60) - 110 (140)	80%	SPK: 100
13127-88-3	Phenol-d6	80.9		15 (60) - 110 (140)	81%	SPK: 100
4165-60-0	Nitrobenzene-d5	80.0		30 (60) - 130 (140)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		30 (60) - 130 (140)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.6		15 (60) - 110 (140)	84%	SPK: 100
1718-51-0	Terphenyl-d14	78.8		30 (60) - 130 (140)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.963			
1146-65-2	Naphthalene-d8	541000	8.245			
15067-26-2	Acenaphthene-d10	282000	9.998			
1517-22-2	Phenanthrene-d10	448000	11.48			
1719-03-5	Chrysene-d12	250000	14.121			
1520-96-3	Perylene-d12	283000	15.621			

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: **BF143163.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BSD	SDG No.:	Q2594
Lab Sample ID:	PB168904BSD	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
BF143163.D	1	07/17/25 08:39	07/18/25 13:22	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	34.9		3.90	10.0	ug/L
108-95-2	Phenol	43.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.0		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.1		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.8		1.30	5.00	ug/L
98-86-2	Acetophenone	43.1		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.40	5.00	ug/L
67-72-1	Hexachloroethane	44.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.5		0.76	5.00	ug/L
78-59-1	Isophorone	44.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.2		0.52	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	19.5		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.6		0.54	5.00	ug/L
105-60-2	Caprolactam	48.3		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	45.0		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	87.5	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	43.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.1		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	45.0		0.61	5.00	ug/L

Raw Data: **BF143163.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BSD	SDG No.:	Q2594
Lab Sample ID:	PB168904BSD	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
BF143163.D	1	07/17/25 08:39	07/18/25 13:22	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	48.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	29.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.7	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	92.8	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	43.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.6		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.7		0.68	5.00	ug/L
86-73-7	Fluorene	43.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.4		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
1912-24-9	Atrazine	46.9		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	89.7	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.9		0.50	5.00	ug/L
120-12-7	Anthracene	43.1		0.61	5.00	ug/L
86-74-8	Carbazole	44.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.9		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.4		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	47.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.3		0.49	5.00	ug/L

Raw Data: **BF143163.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:	
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	
Client Sample ID:	PB168904BSD	SDG No.:	Q2594
Lab Sample ID:	PB168904BSD	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
BF143163.D	1	07/17/25 08:39	07/18/25 13:22	PB168904

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.4		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.5		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.5		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		0.52	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.8		0.72	5.00	ug/L
123-91-1	1,4-Dioxane	36.9		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	81.3		15 (60) - 110 (140)	81%	SPK: 100
13127-88-3	Phenol-d6	82.2		15 (60) - 110 (140)	82%	SPK: 100
4165-60-0	Nitrobenzene-d5	80.7		30 (60) - 130 (140)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		30 (60) - 130 (140)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.4		15 (60) - 110 (140)	83%	SPK: 100
1718-51-0	Terphenyl-d14	78.0		30 (60) - 130 (140)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.963			
1146-65-2	Naphthalene-d8	525000	8.245			
15067-26-2	Acenaphthene-d10	272000	9.998			
1517-22-2	Phenanthrene-d10	444000	11.481			
1719-03-5	Chrysene-d12	252000	14.122			
1520-96-3	Perylene-d12	280000	15.621			

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = 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: 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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Fax : 908 789 8922

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

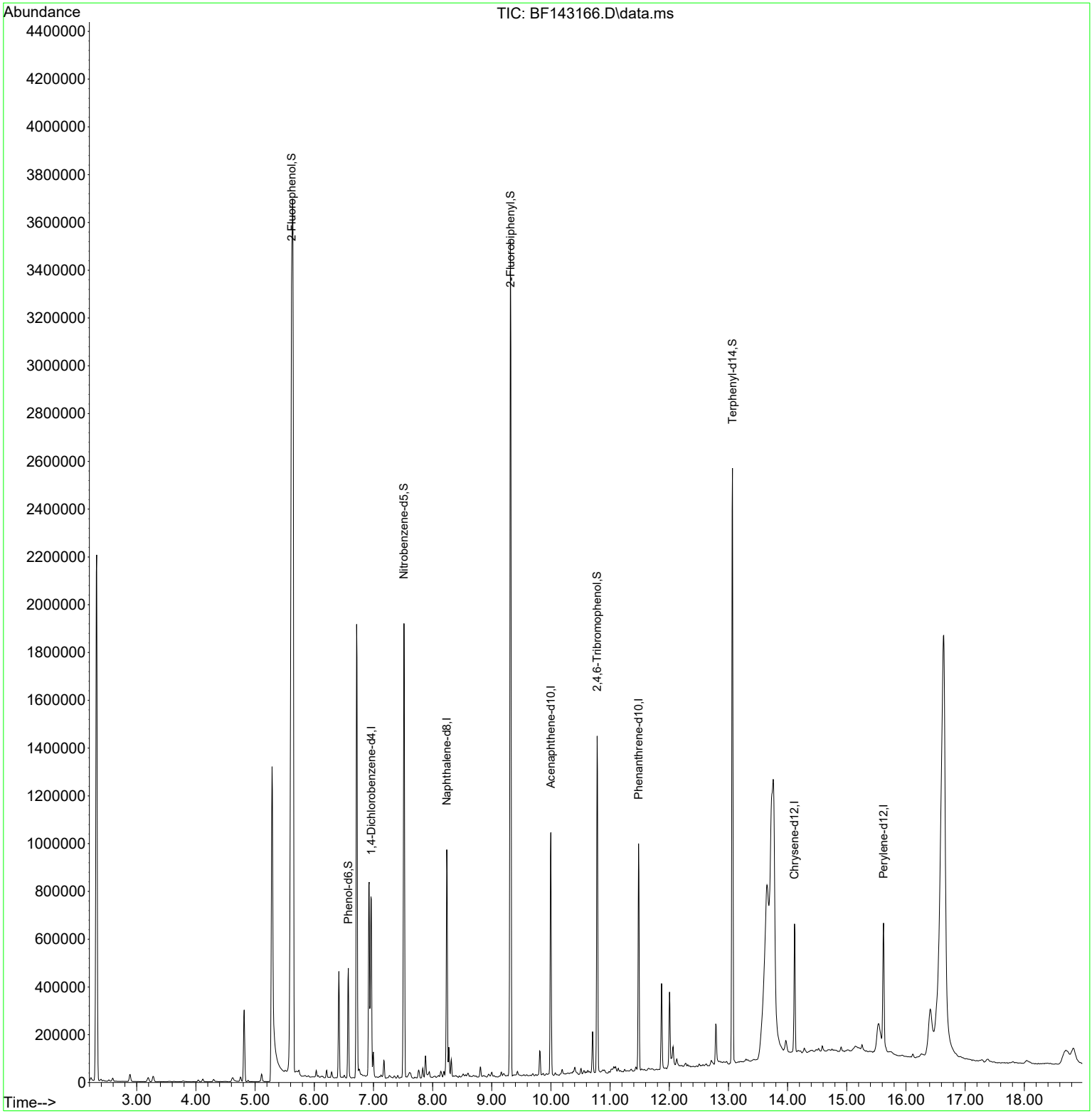
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	148923	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	563250	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	291129	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	471233	20.000	ng	0.00
76) Chrysene-d12	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

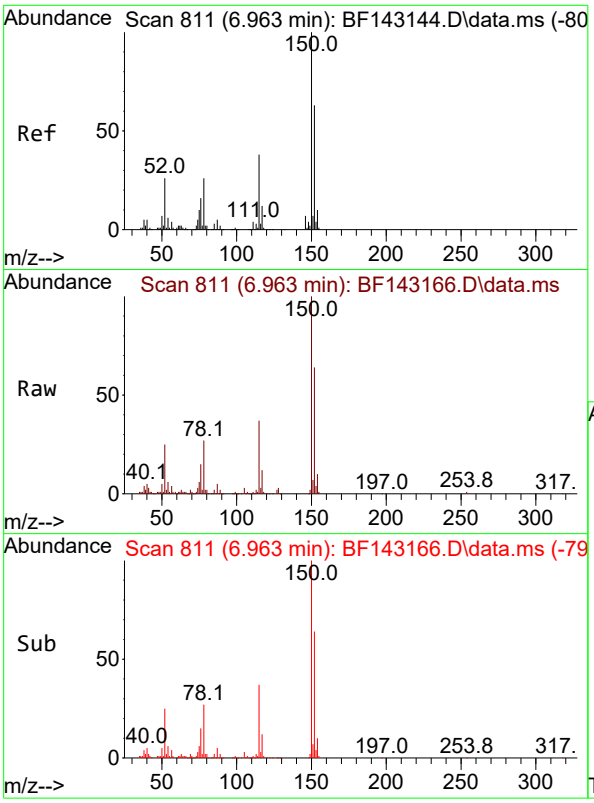
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



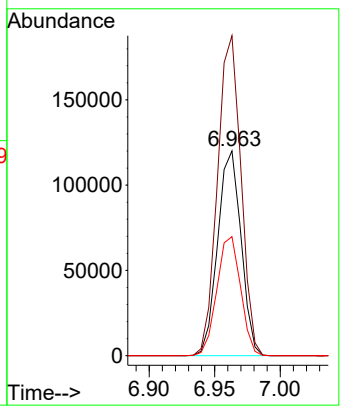


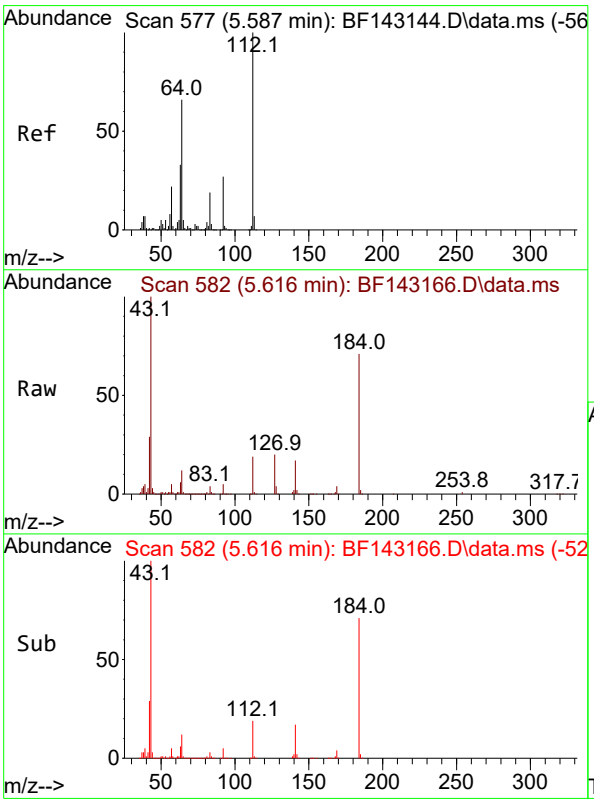
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

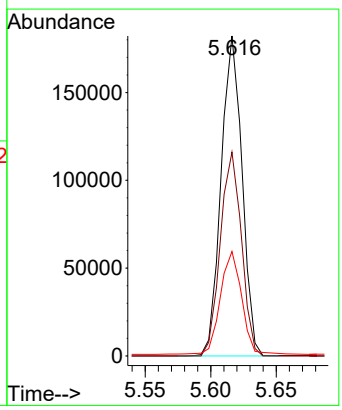


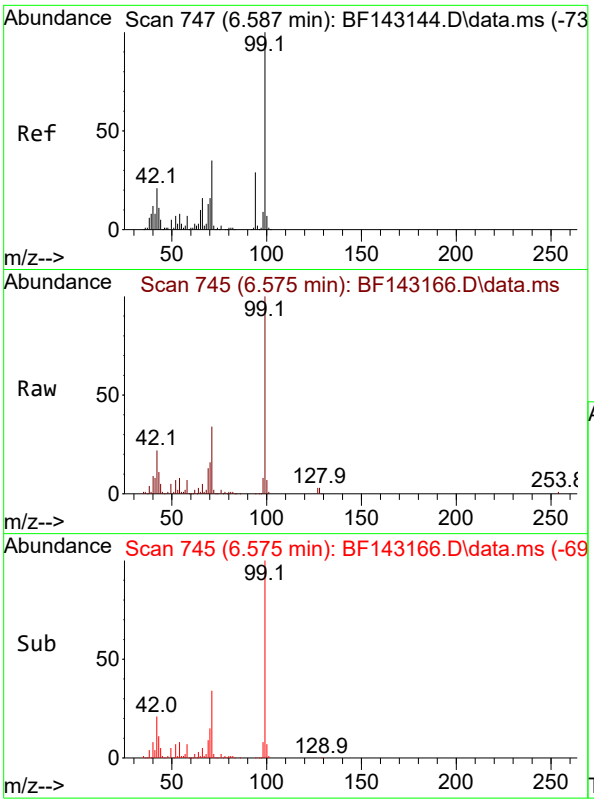


#5
2-Fluorophenol
Concen: 21.457 ng
RT: 5.616 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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



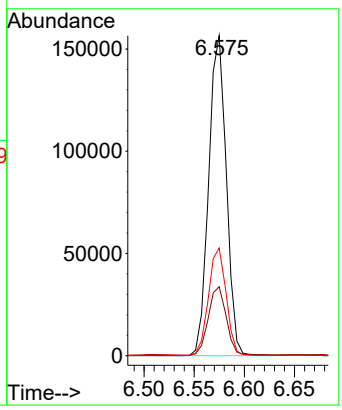


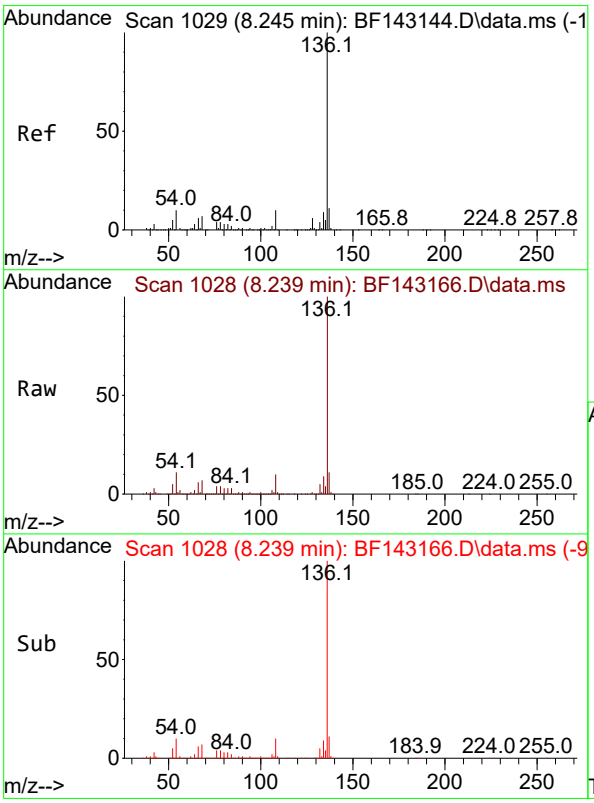
#7
Phenol-d6
Concen: 16.200 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

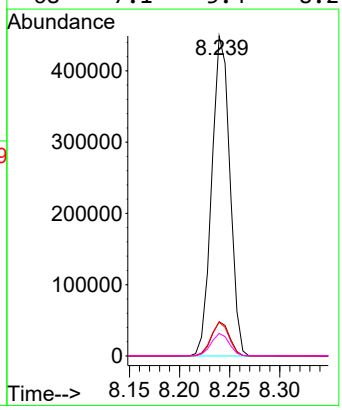


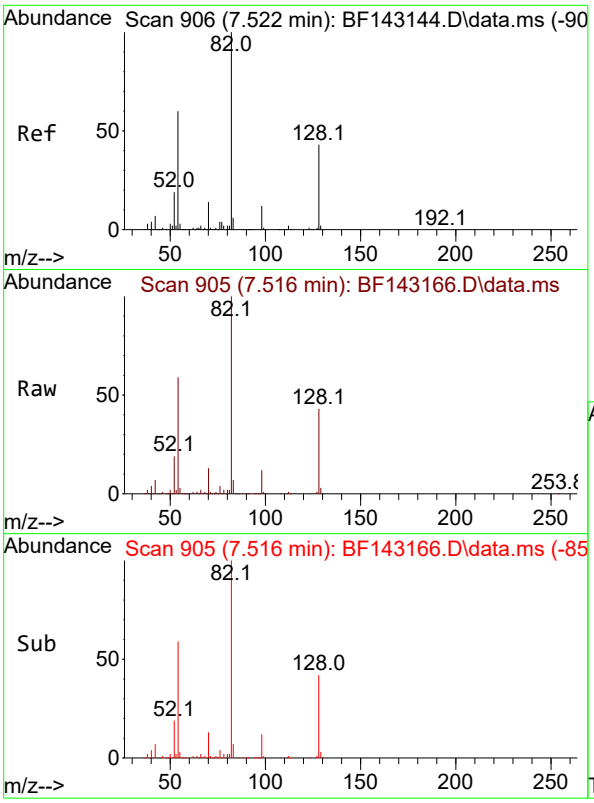


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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



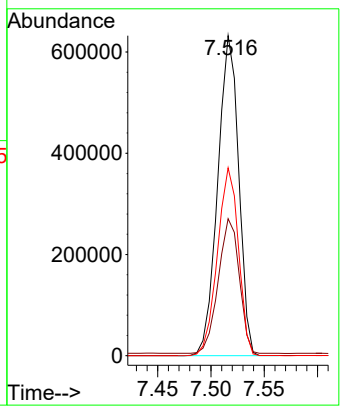


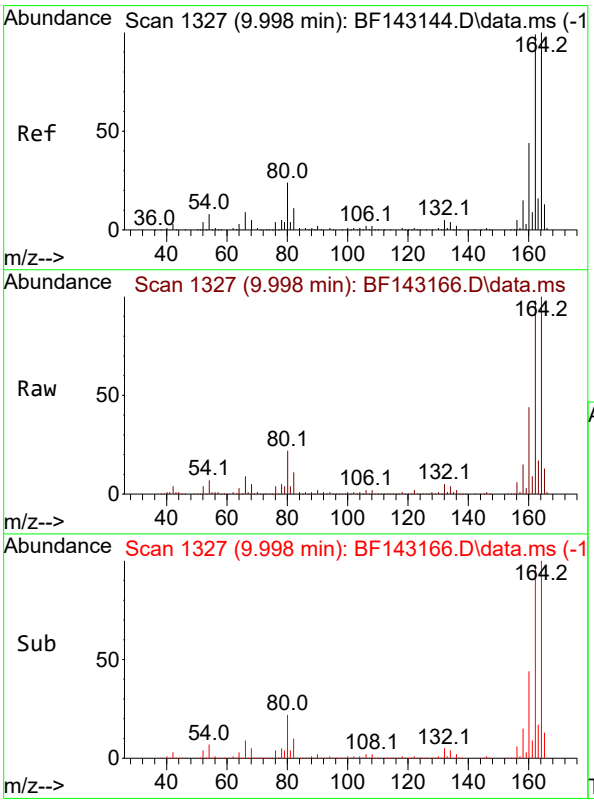
#23
Nitrobenzene-d5
Concen: 76.469 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

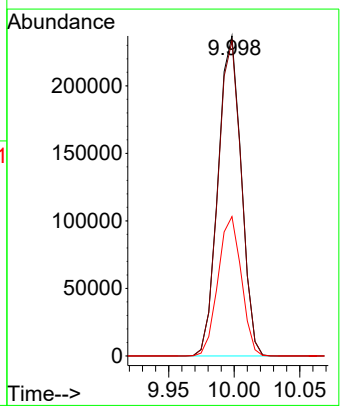


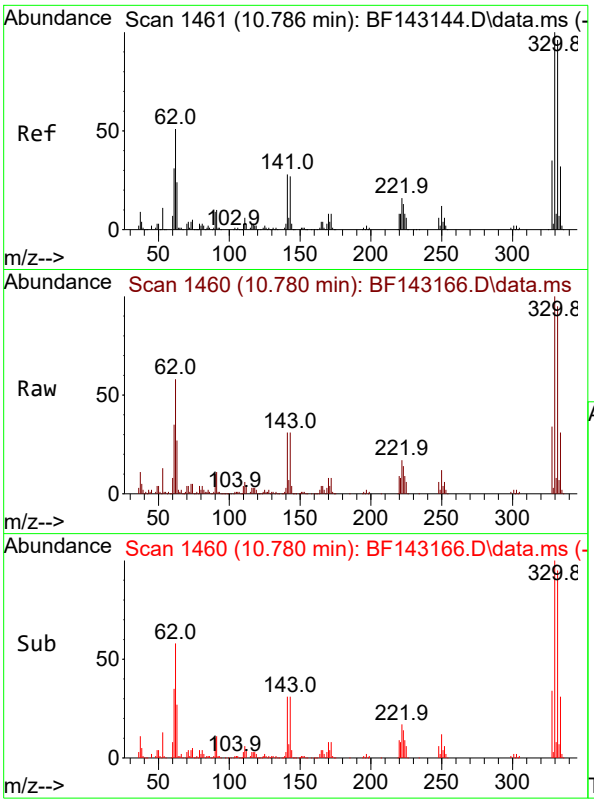


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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



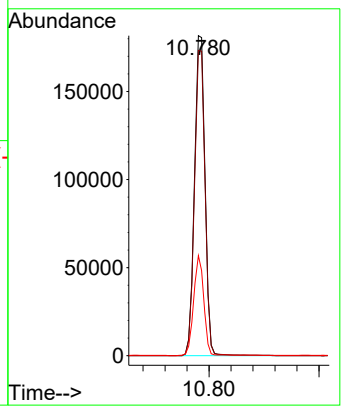


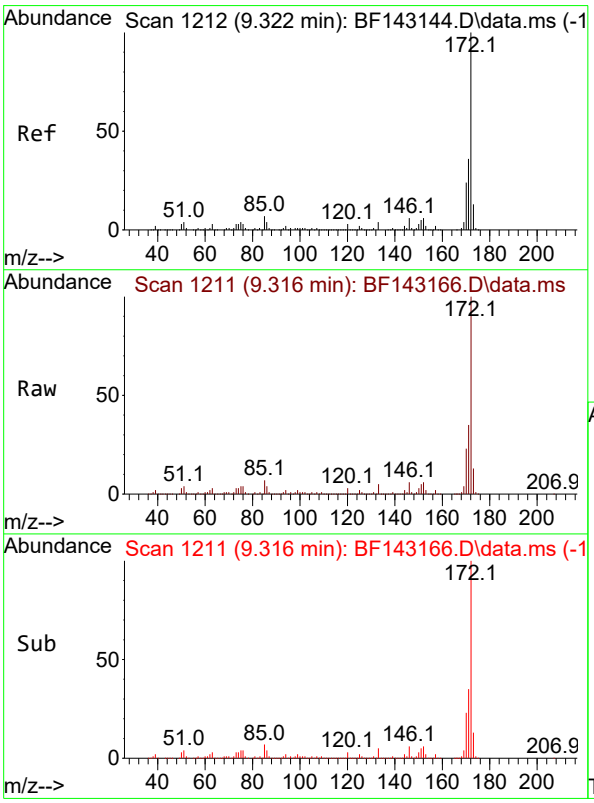
#42
2,4,6-Tribromophenol
Concen: 80.222 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

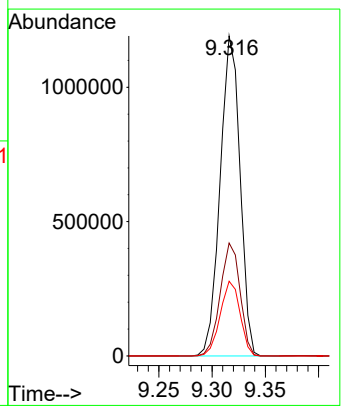


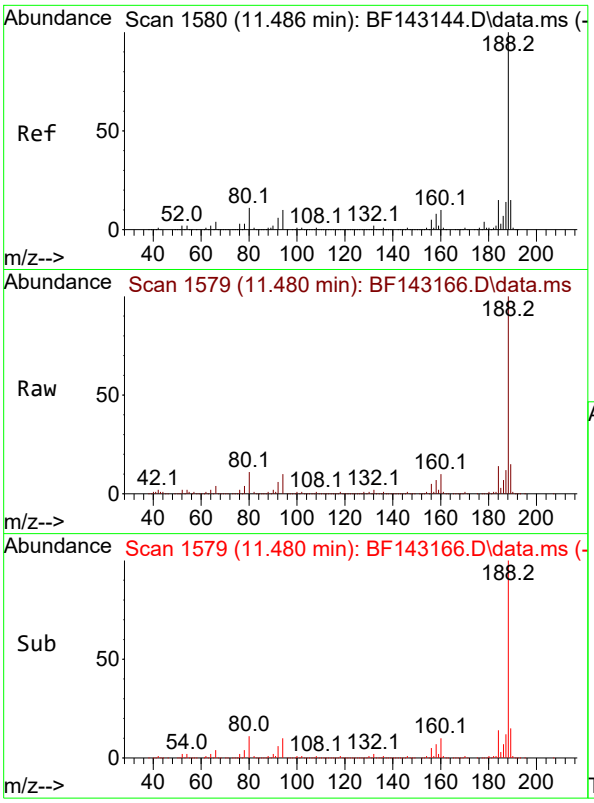


#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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



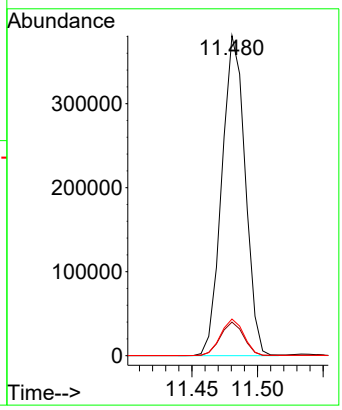


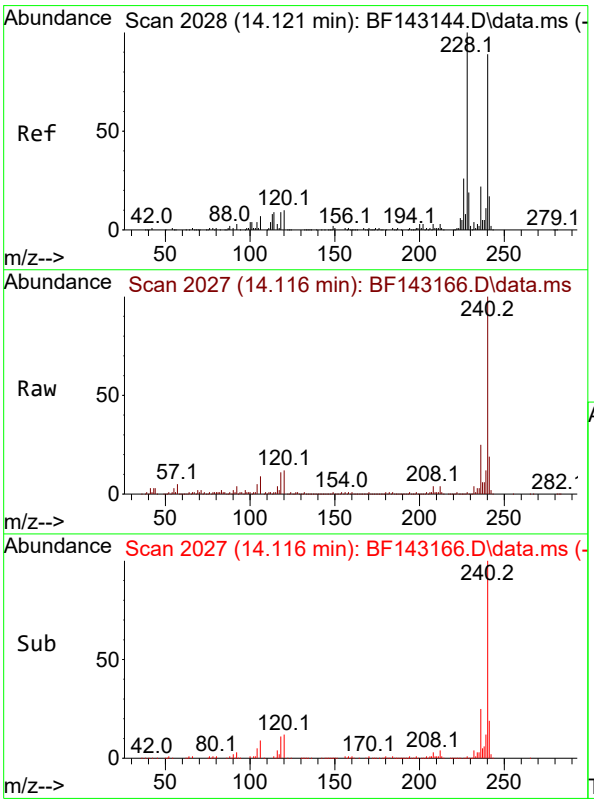
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

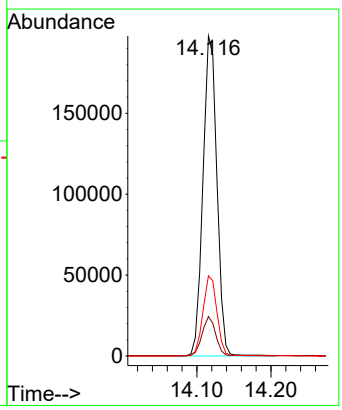


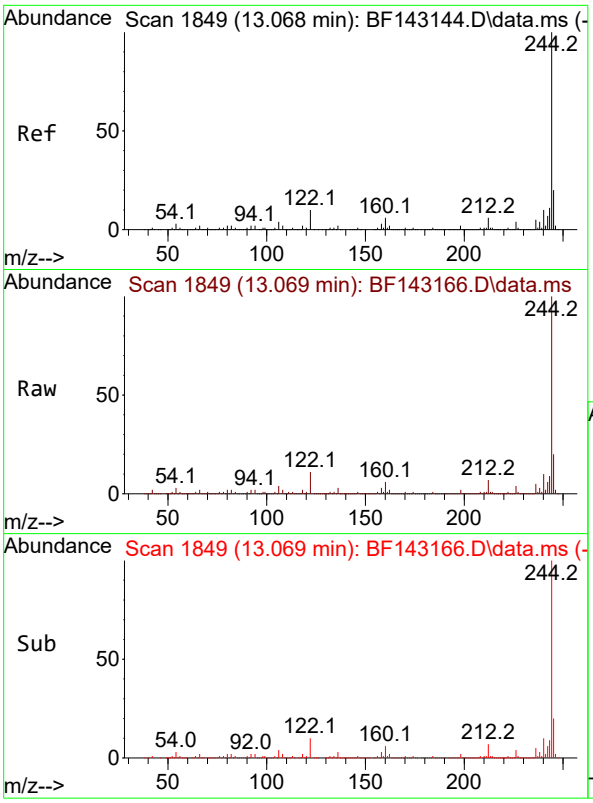


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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



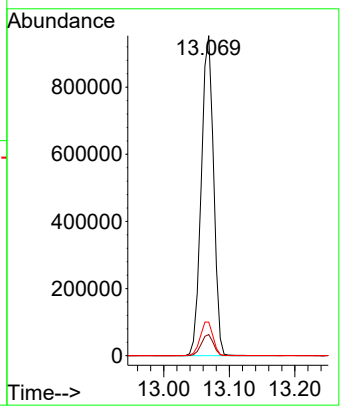


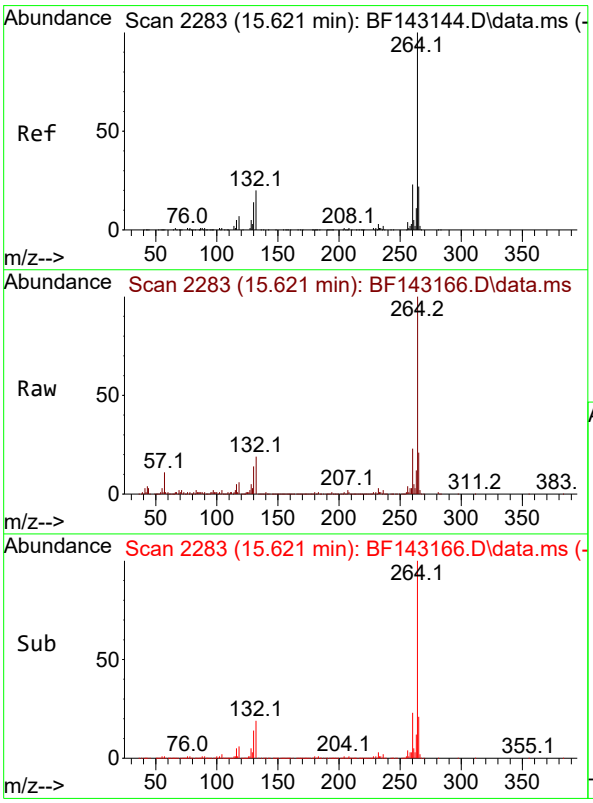
#79
Terphenyl-d14
Concen: 71.740 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

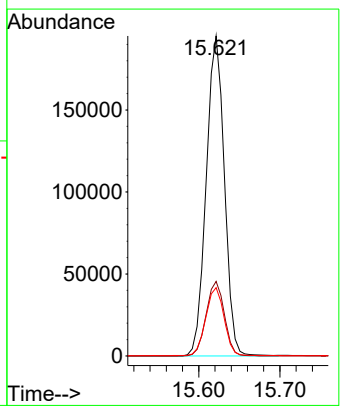




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

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

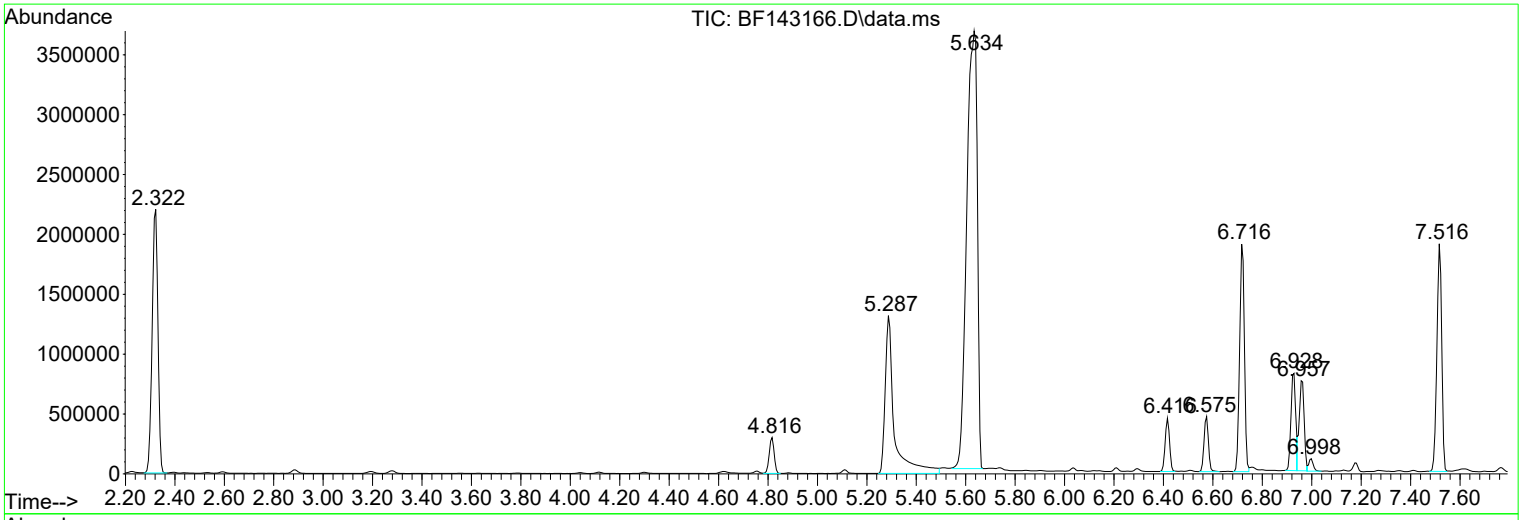
Sample Results: **BF143166.D**

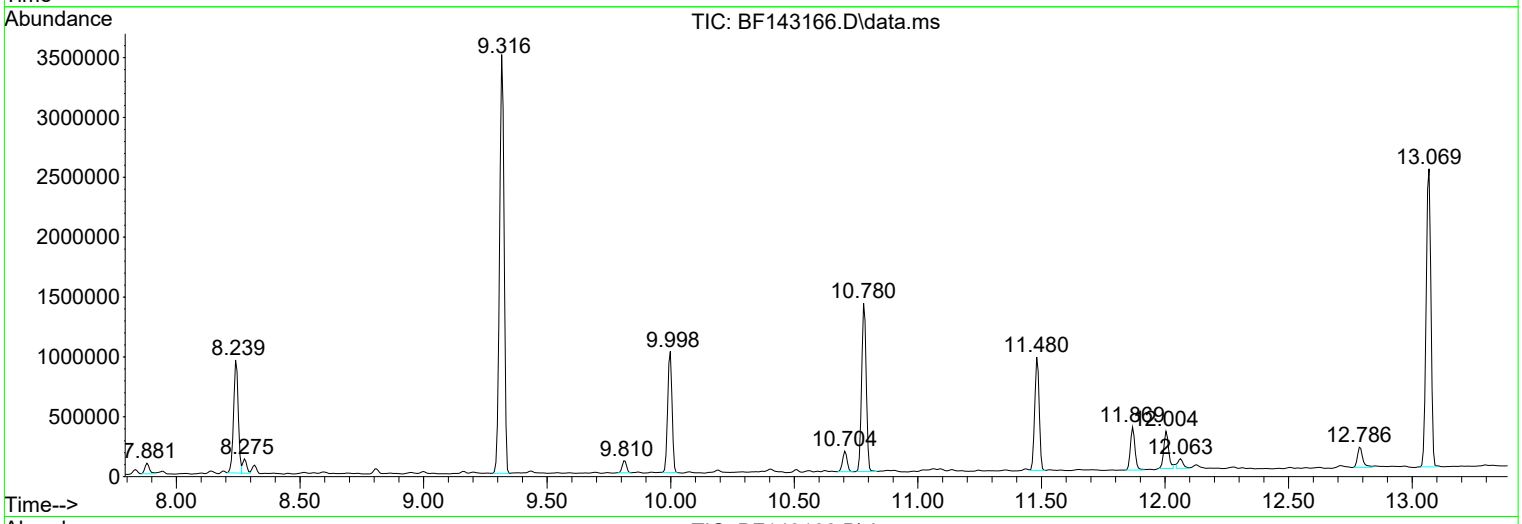
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143166.D
Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

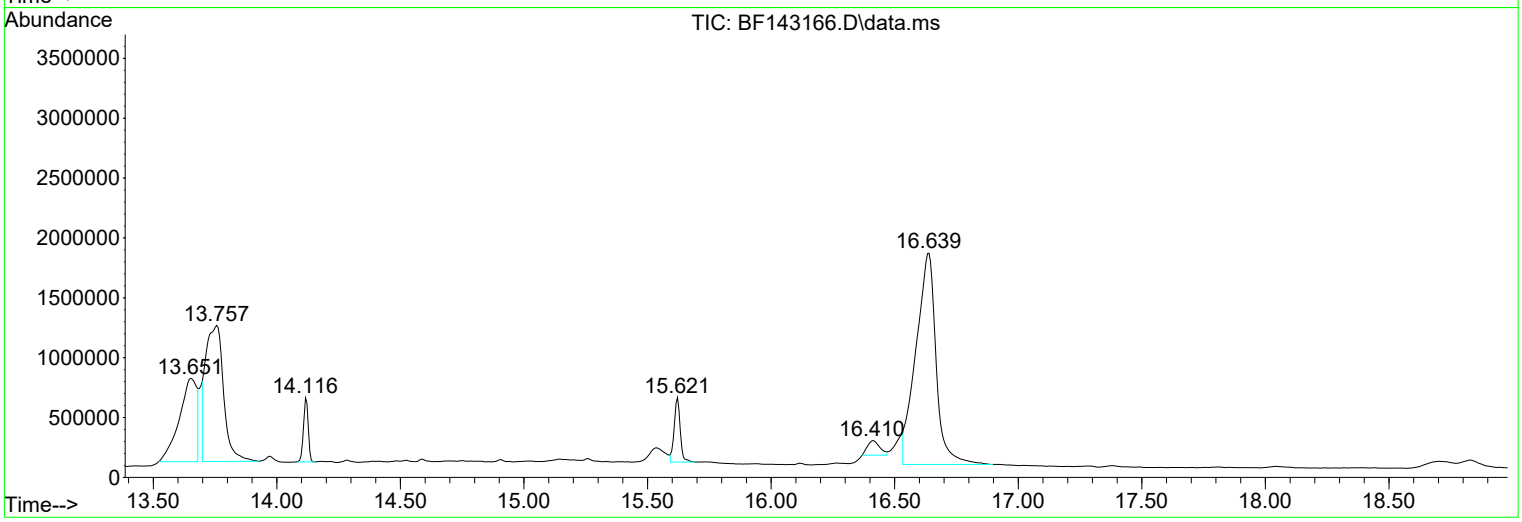
Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

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







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Acq On : 18 Jul 2025 14:54
Operator : RC/JU
Sample : Q2594-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
CC-071325-RW

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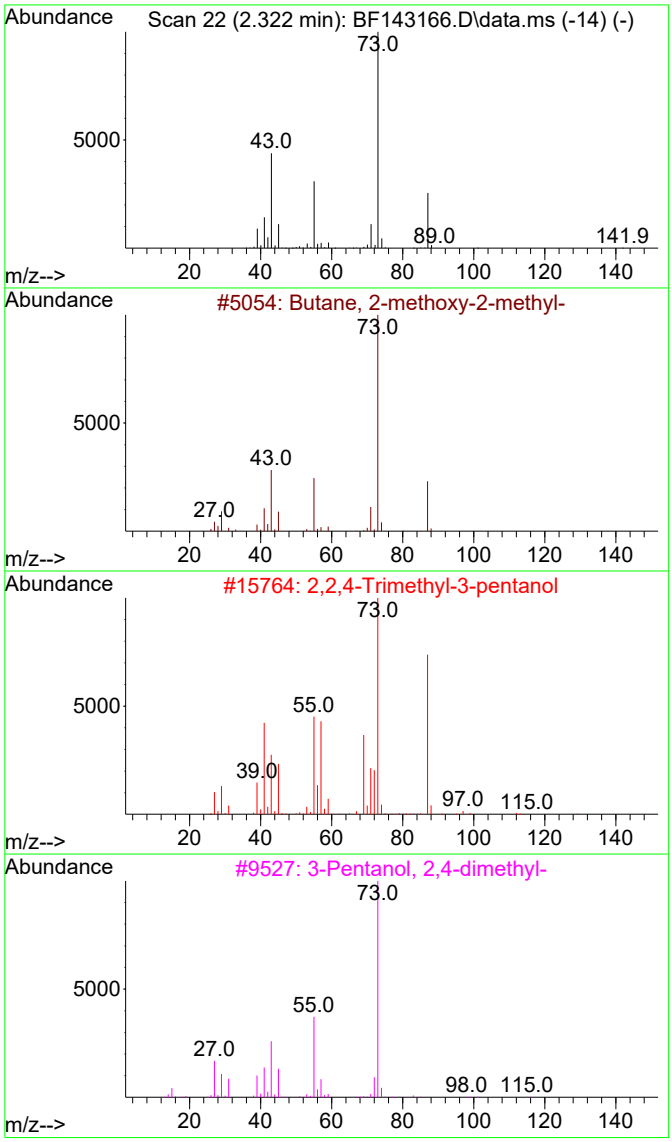
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

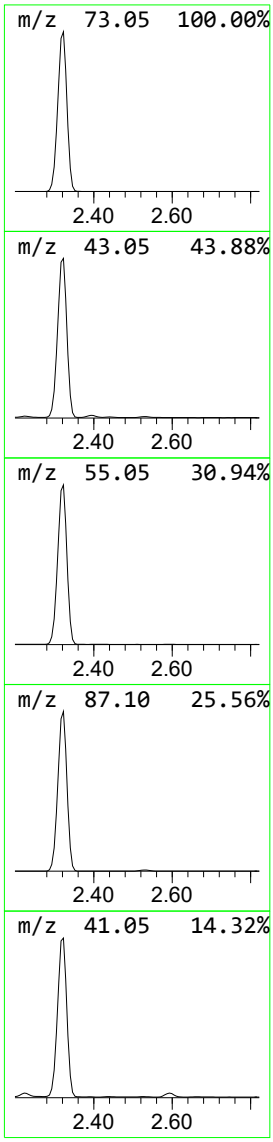
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 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





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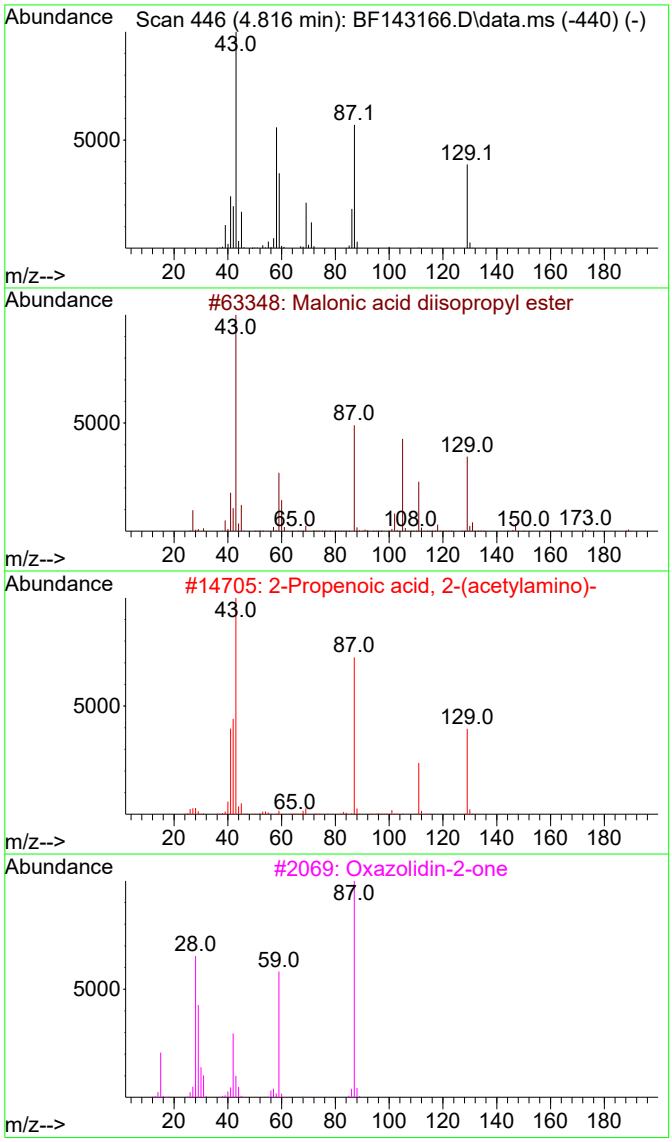
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

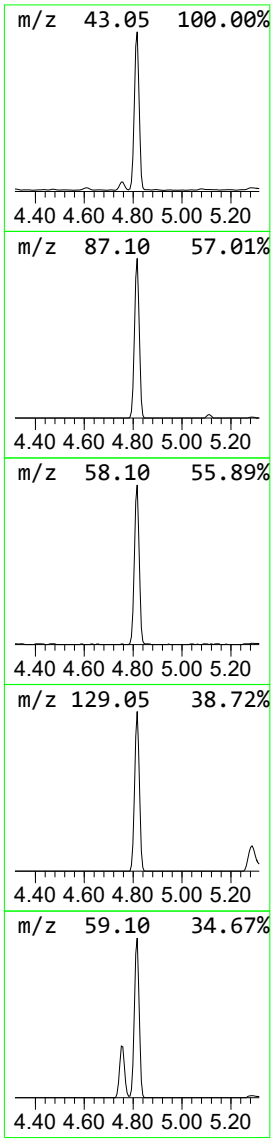
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
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





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

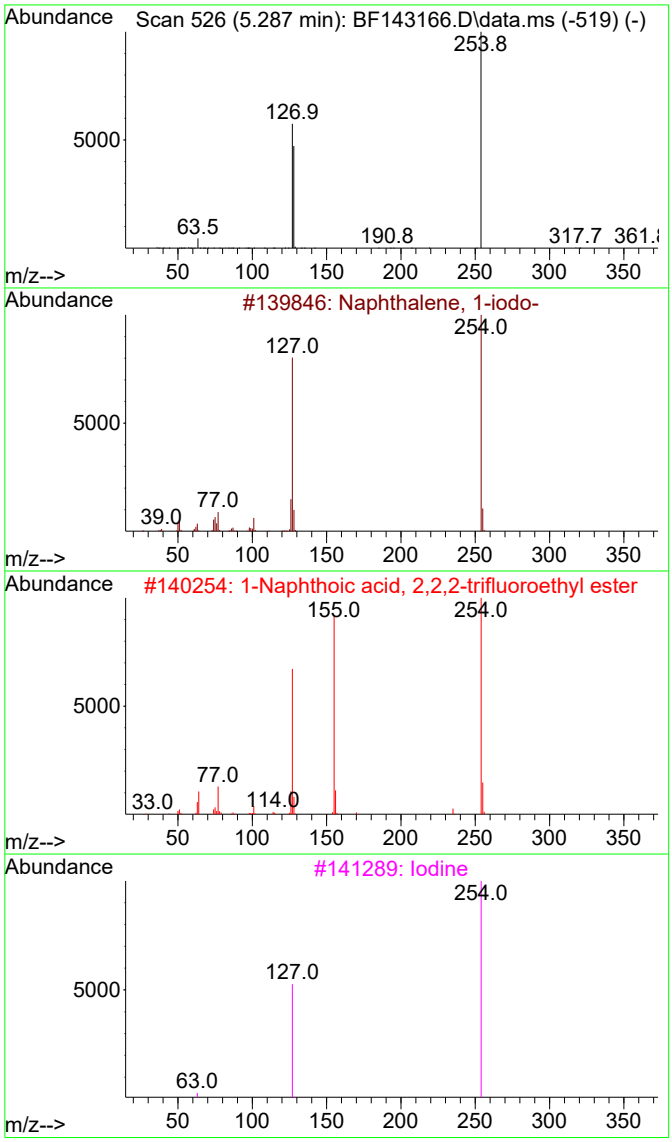
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

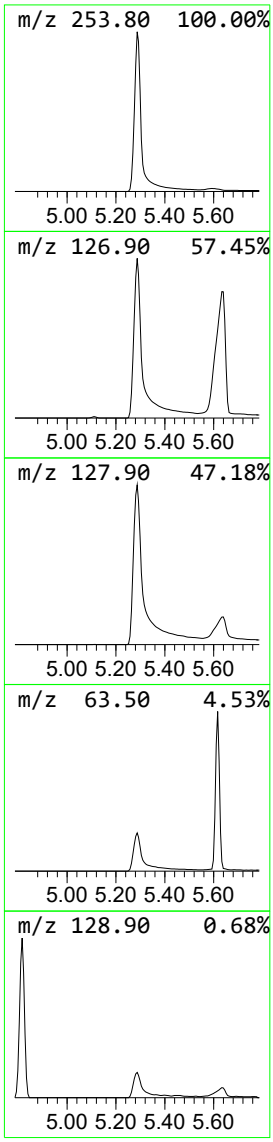
****

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





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

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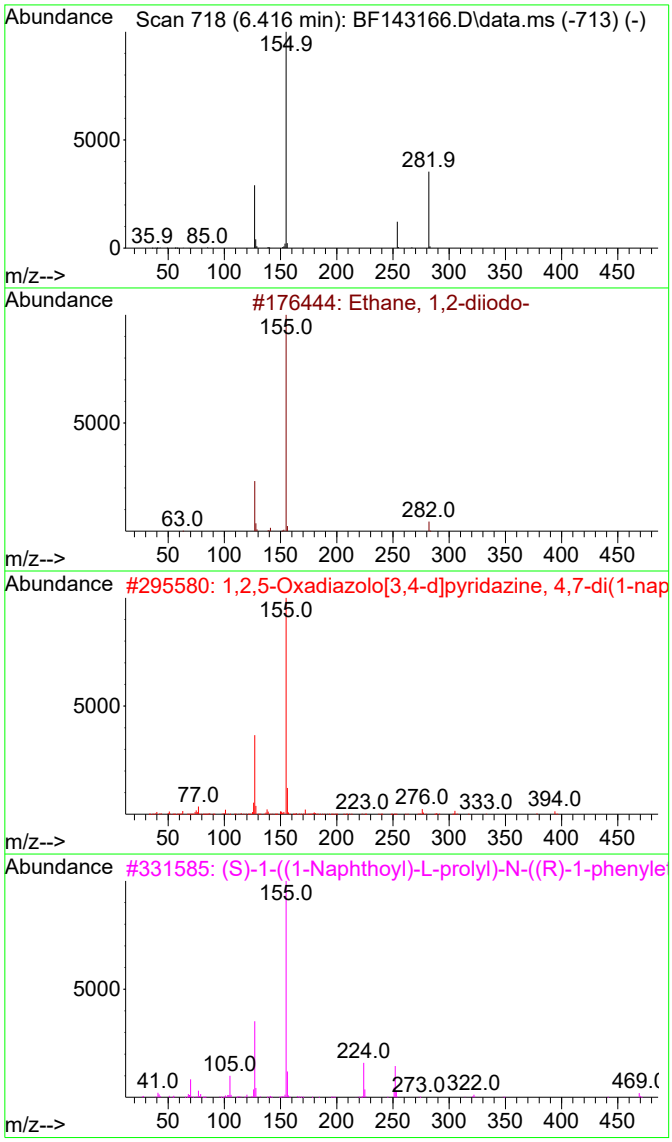
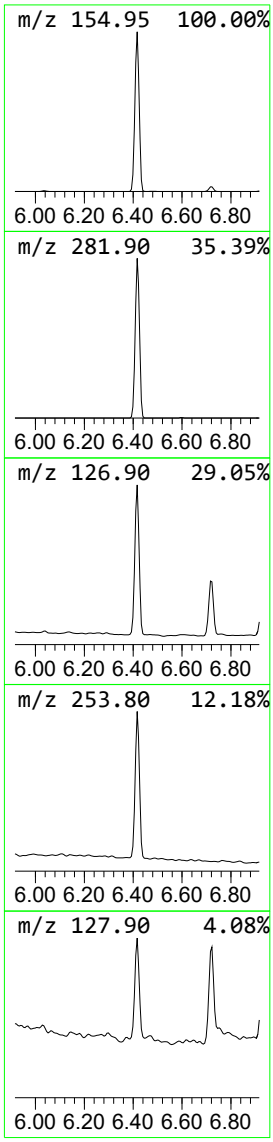
Peak Number 4 Ethane, 1,2-diiodo- Concentration Rank 7

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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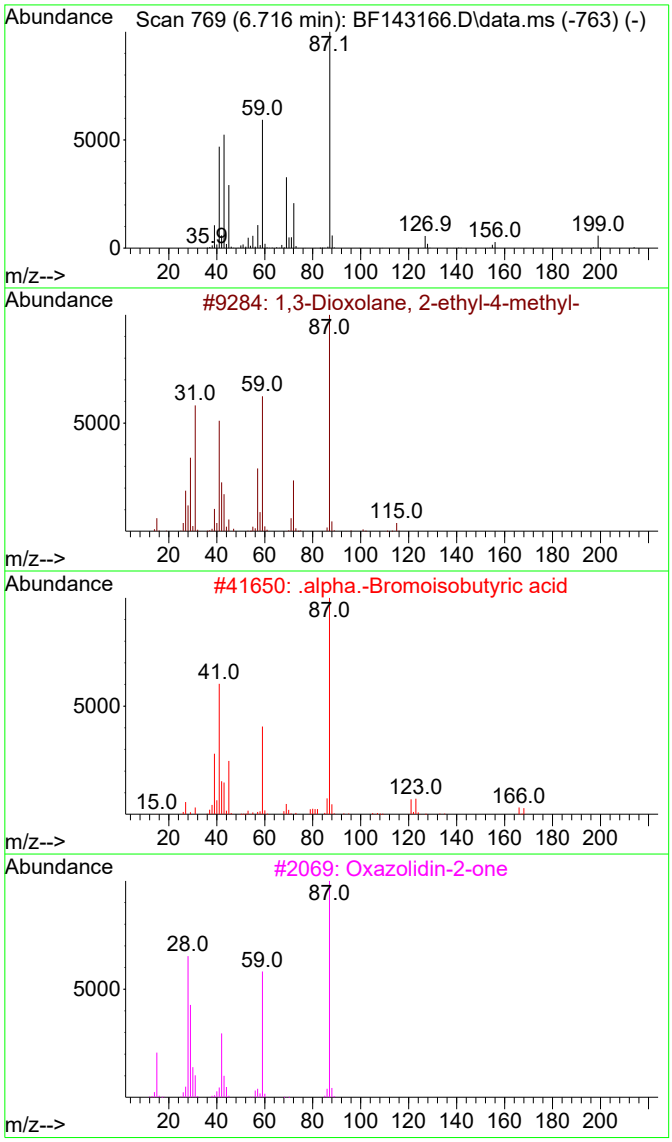
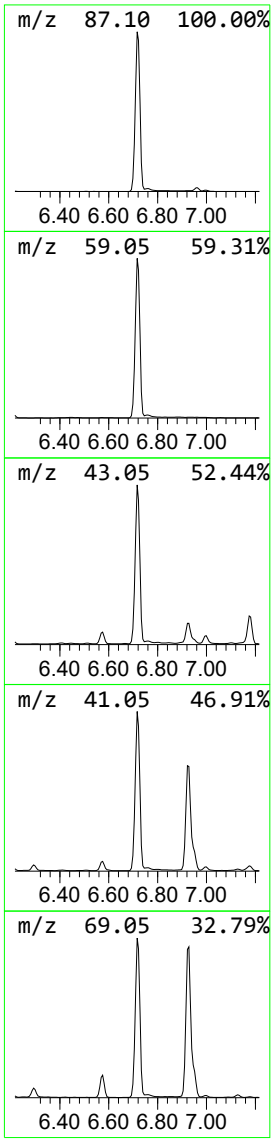
****
Peak Number 5 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 6

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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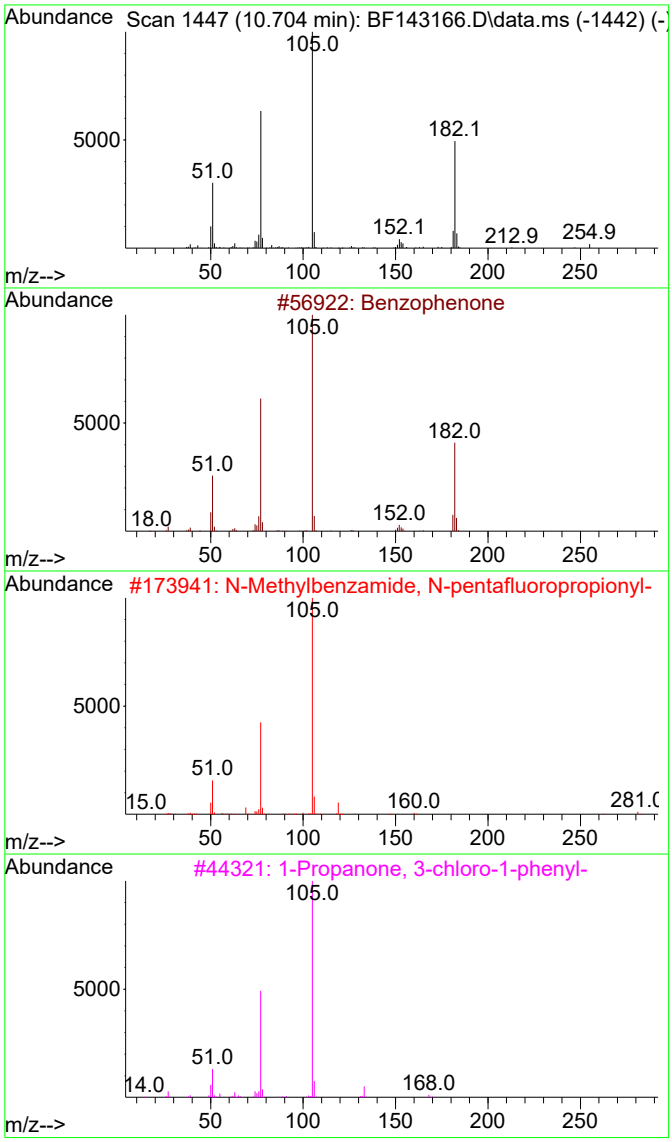
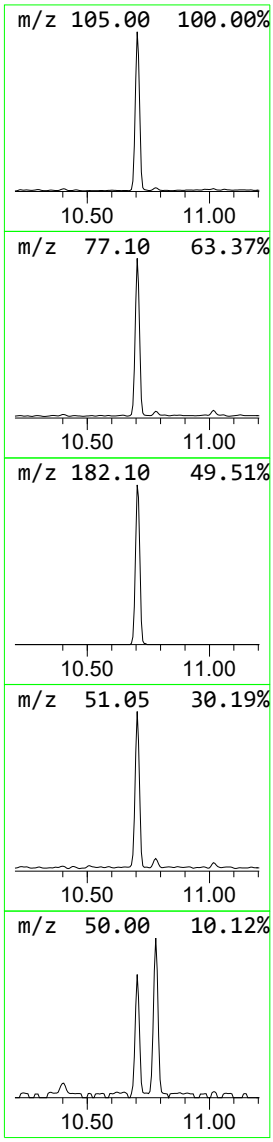
****

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

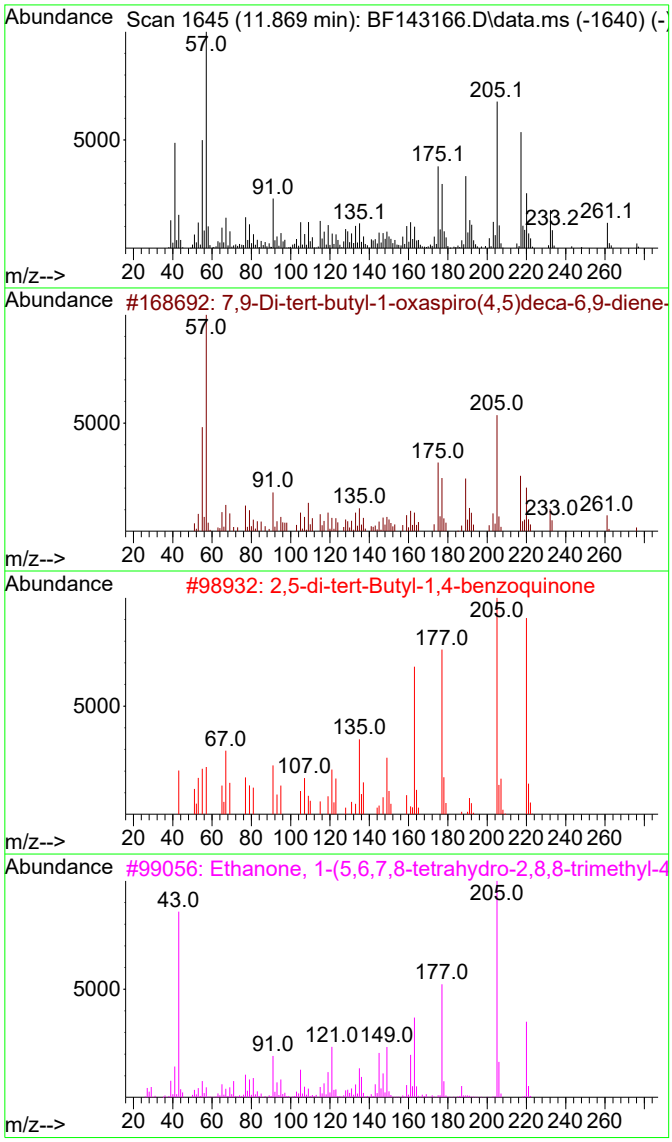
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

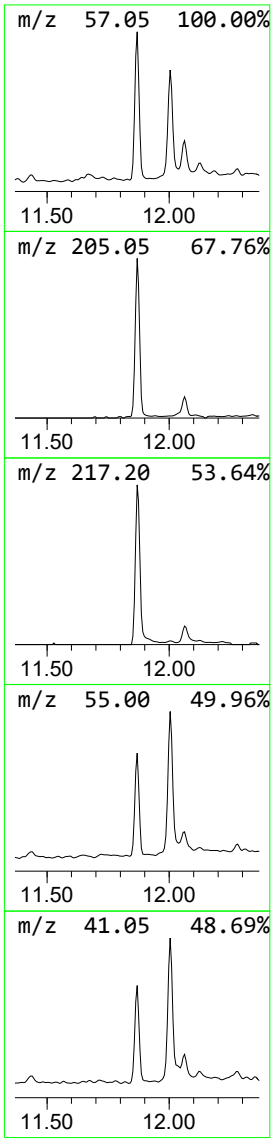
****

Peak Number 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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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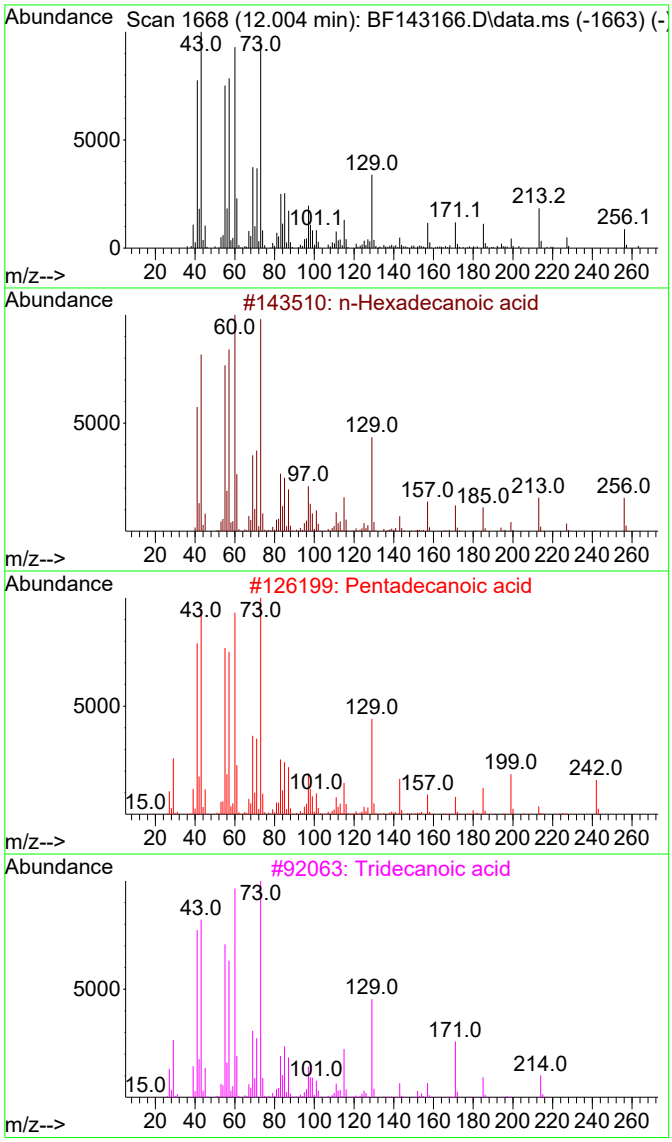
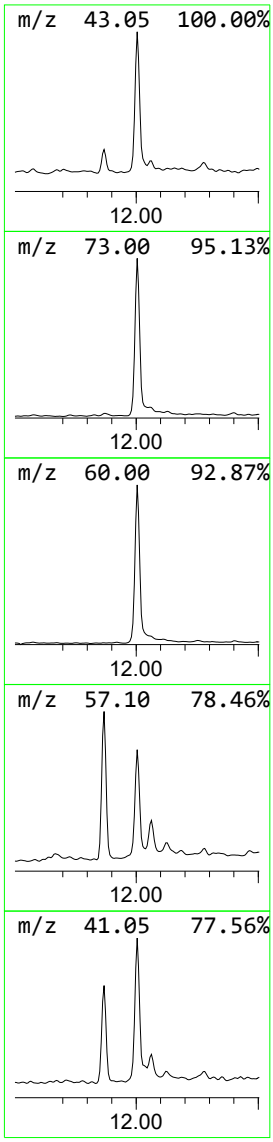
Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

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





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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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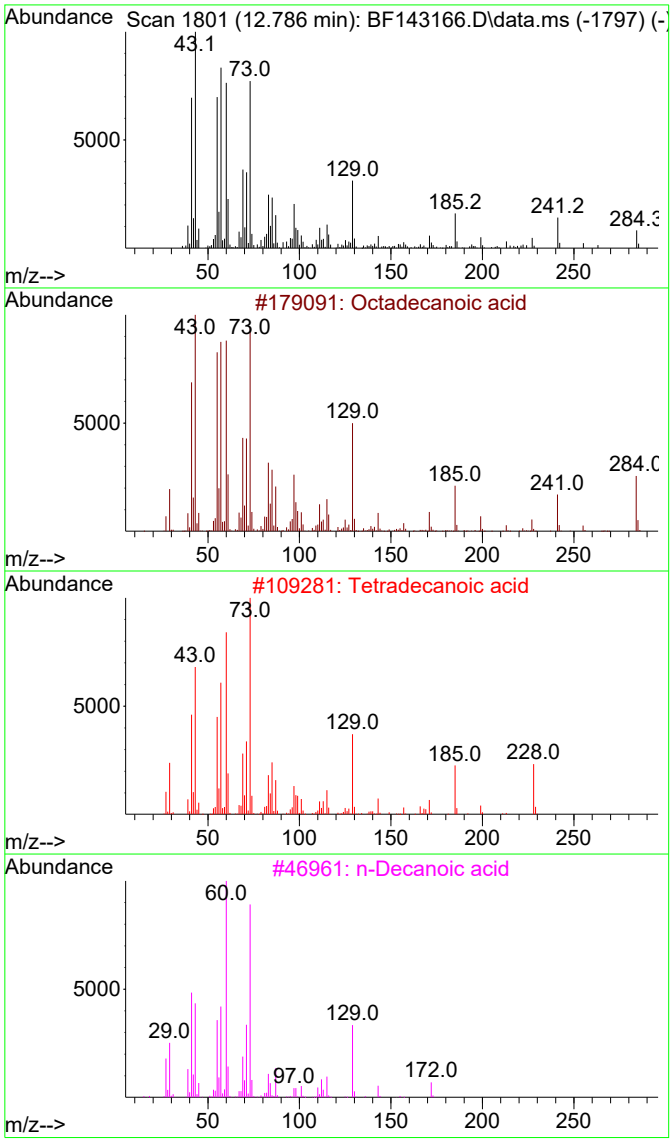
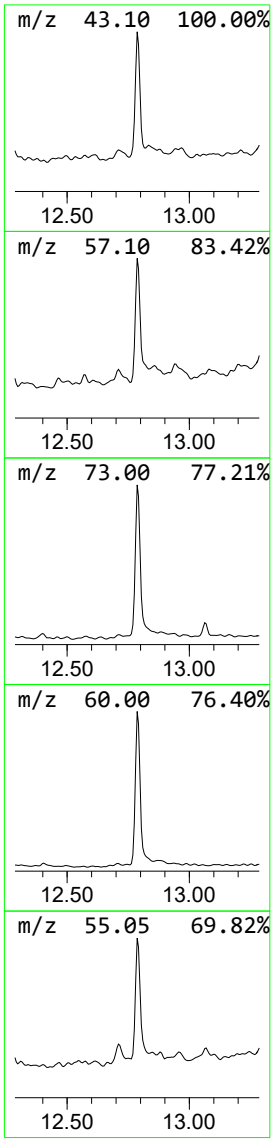
Peak Number 9 Octadecanoic acid Concentration Rank 12

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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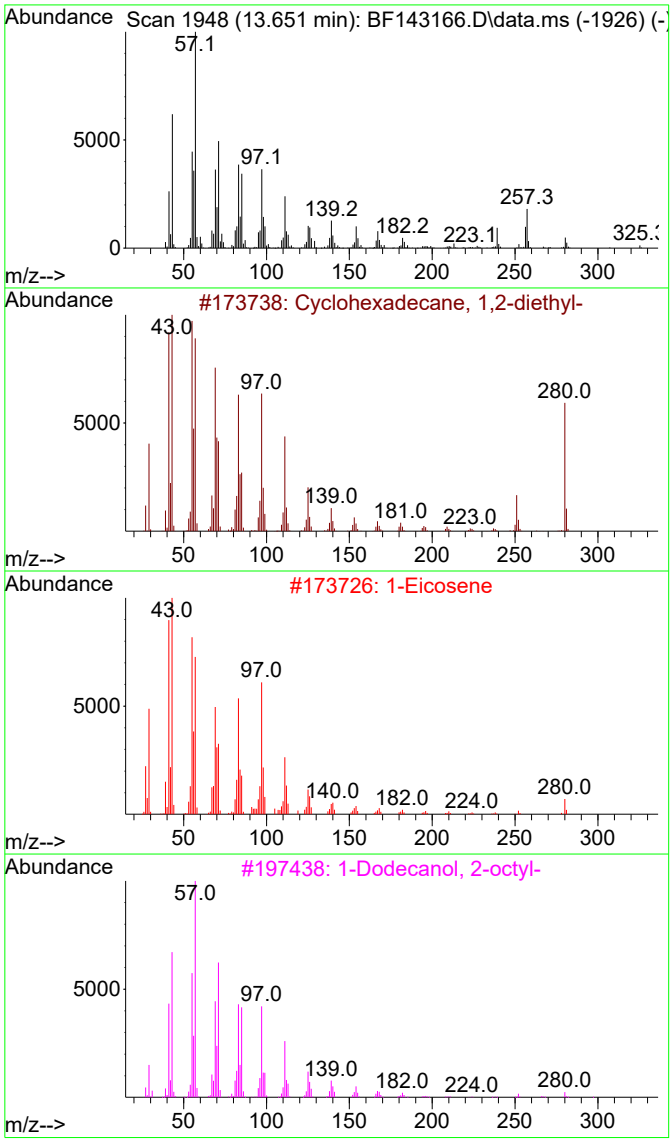
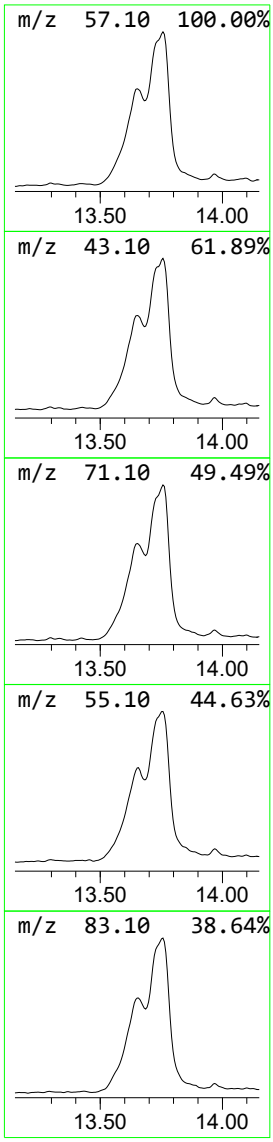
****
Peak Number 10 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

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





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TIC Library : C:\Database\NIST20.L
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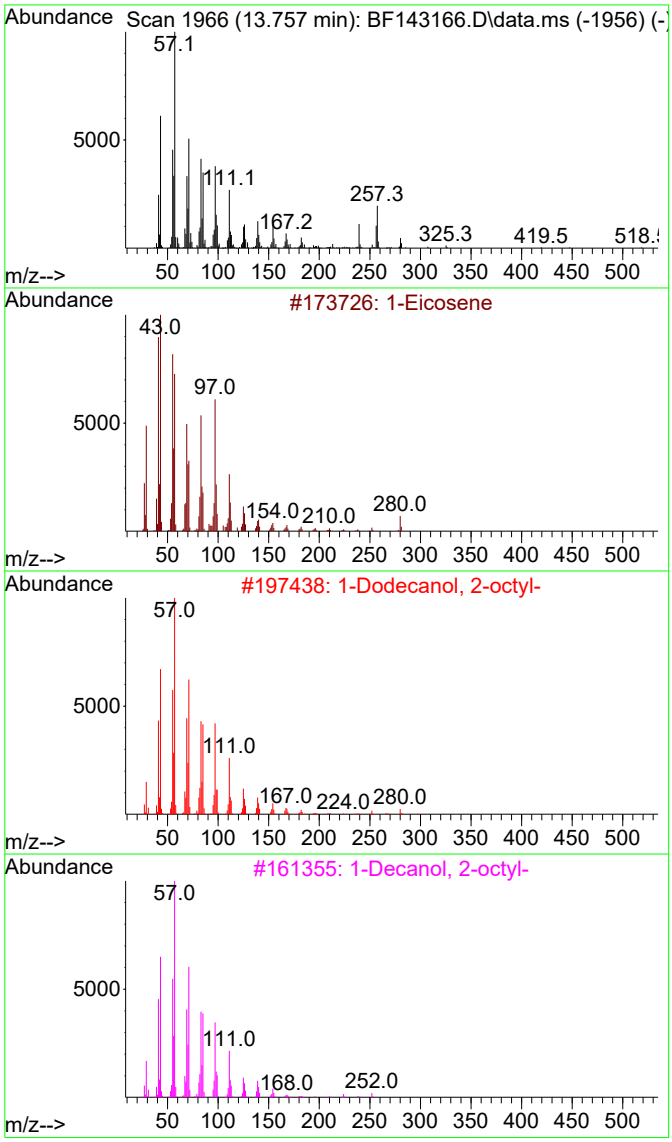
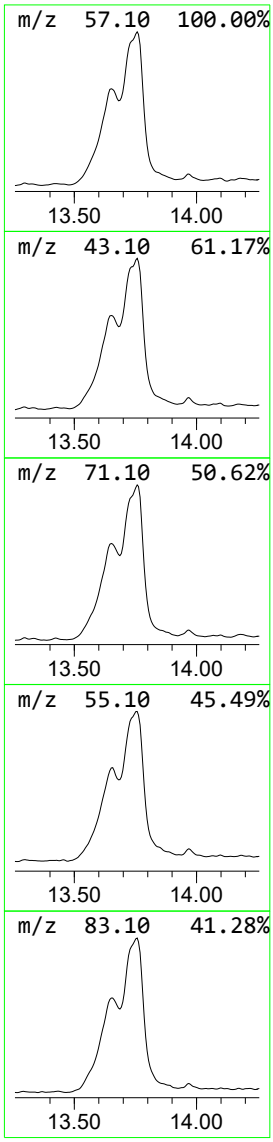
Peak Number 11 1-Eicosene Concentration Rank 2

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

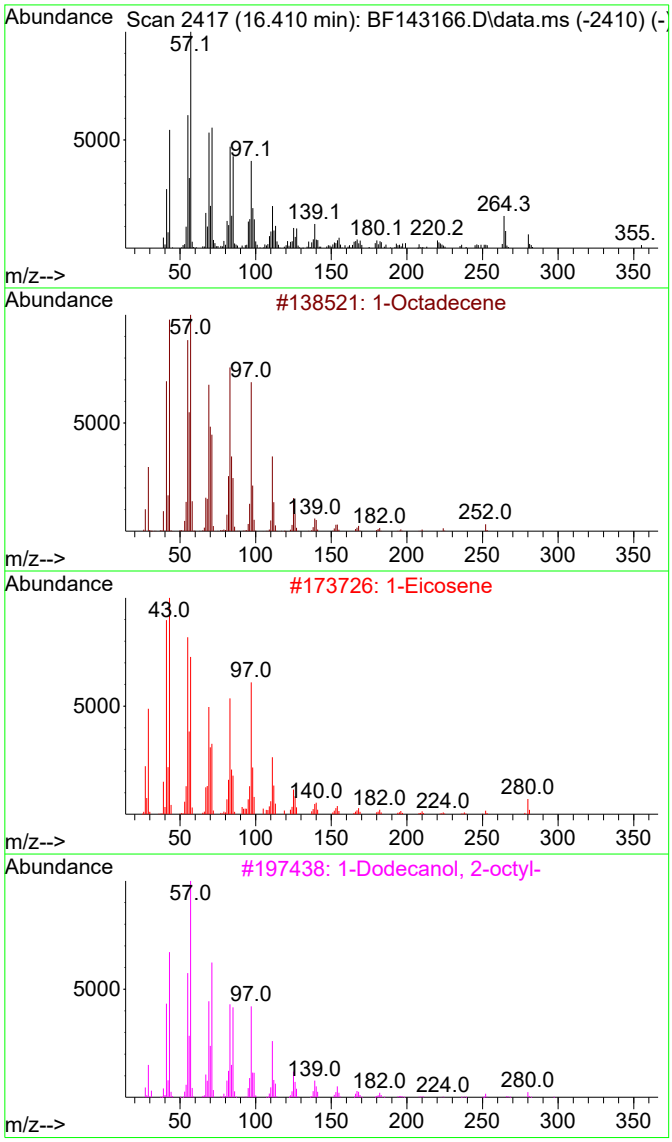
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

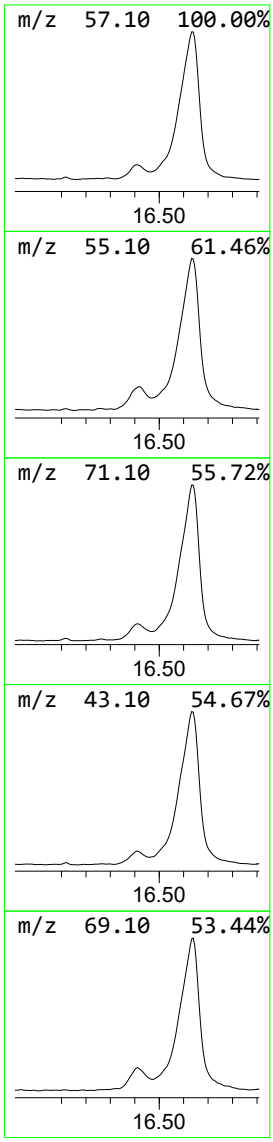
****

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

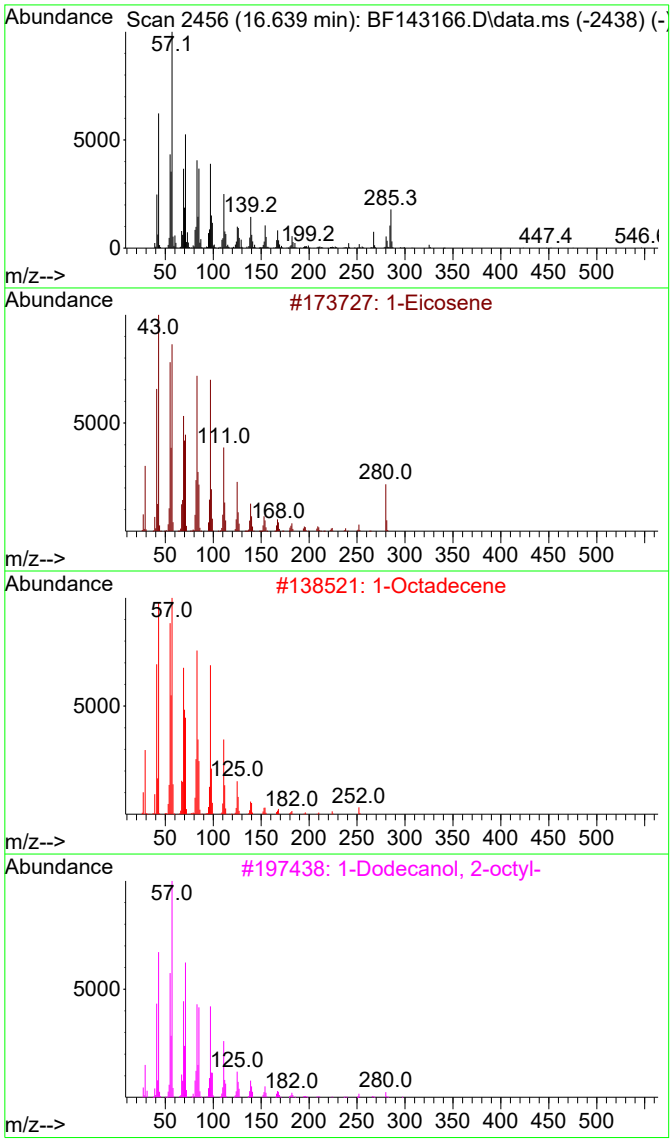
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

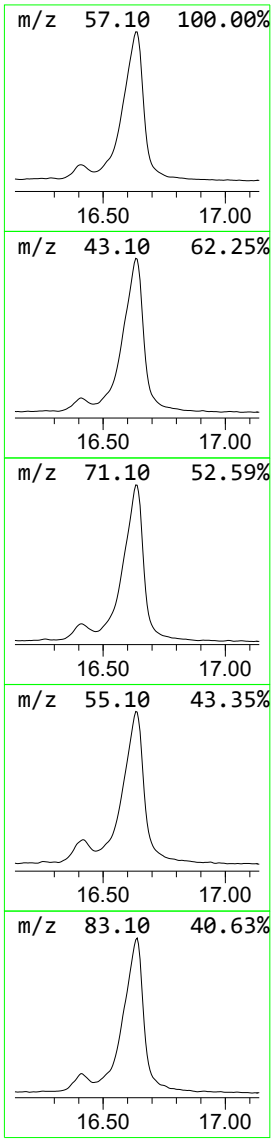
****

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





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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Quant Time: Jul 18 14:13:27 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

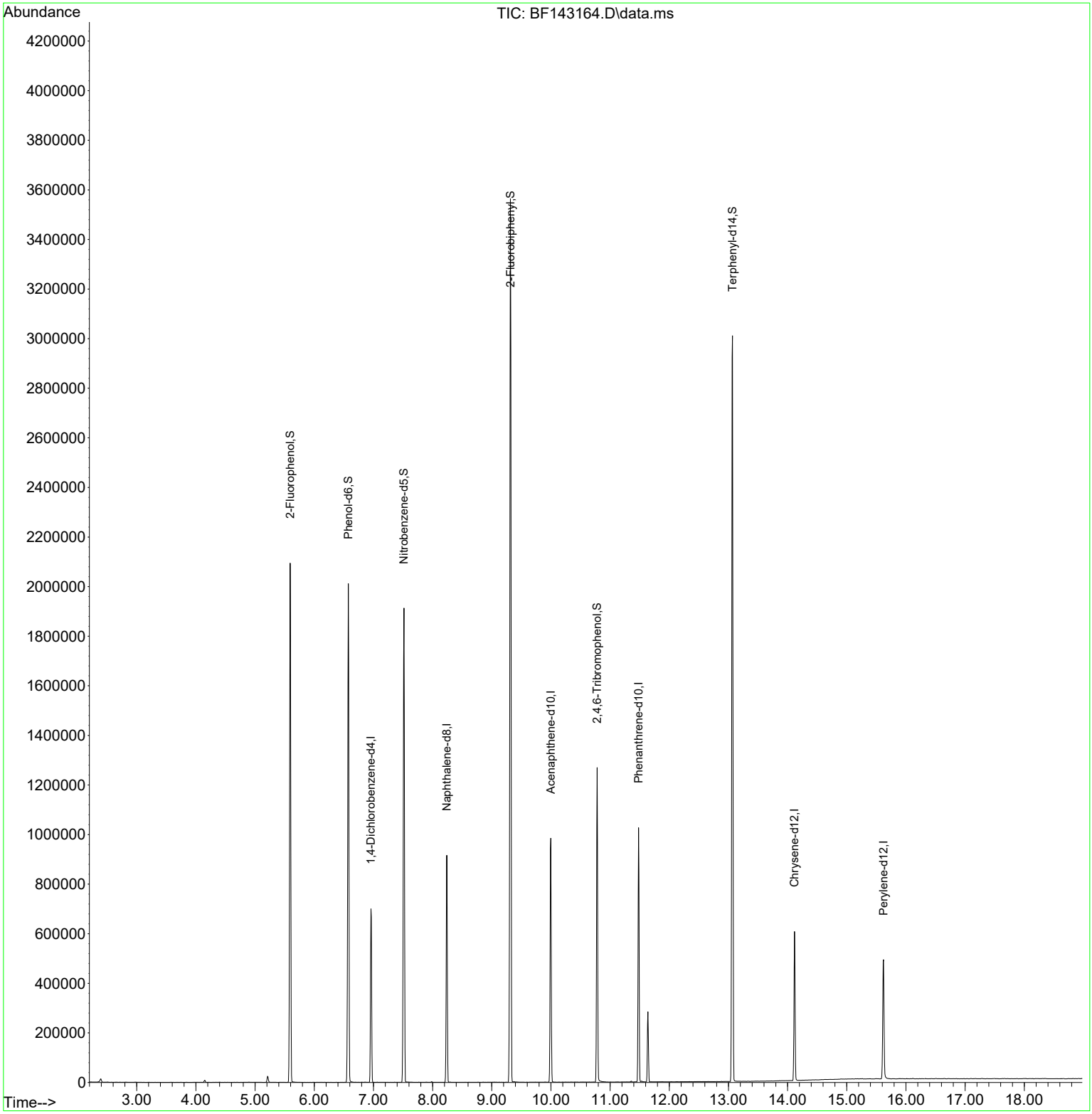
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	144227	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	555488	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293300	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	504948	20.000	ng	0.00
76) Chrysene-d12	14.116	240	280403	20.000	ng	0.00
86) Perylene-d12	15.621	264	285721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	754293	82.761	ng	0.00
7) Phenol-d6	6.575	99	952370	83.019	ng	-0.01
23) Nitrobenzene-d5	7.516	82	883646	79.294	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	210370	69.430	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1626010	75.819	ng	0.00
79) Terphenyl-d14	13.069	244	1559712	82.774	ng	0.00
Target Compounds						Qvalue

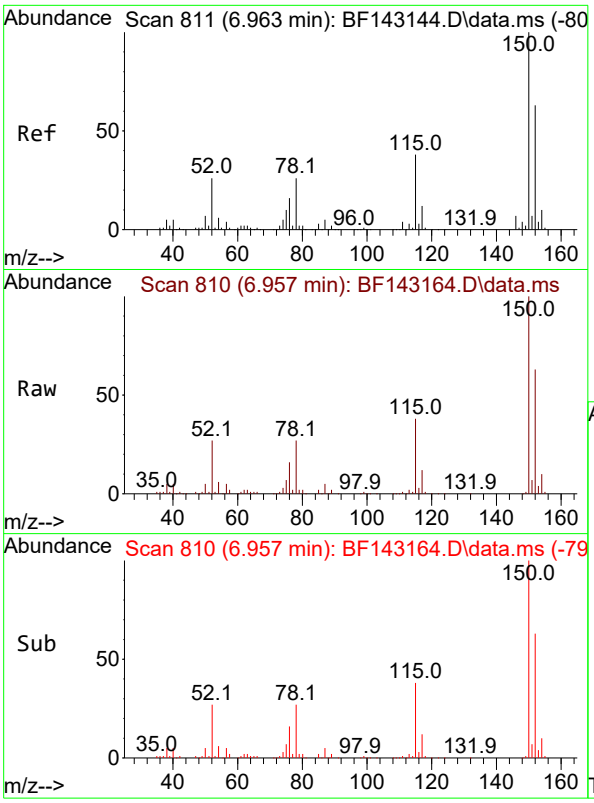
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Quant Time: Jul 18 14:13:27 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



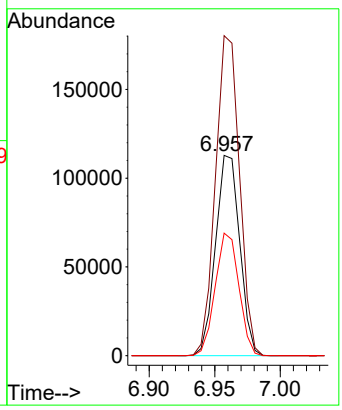


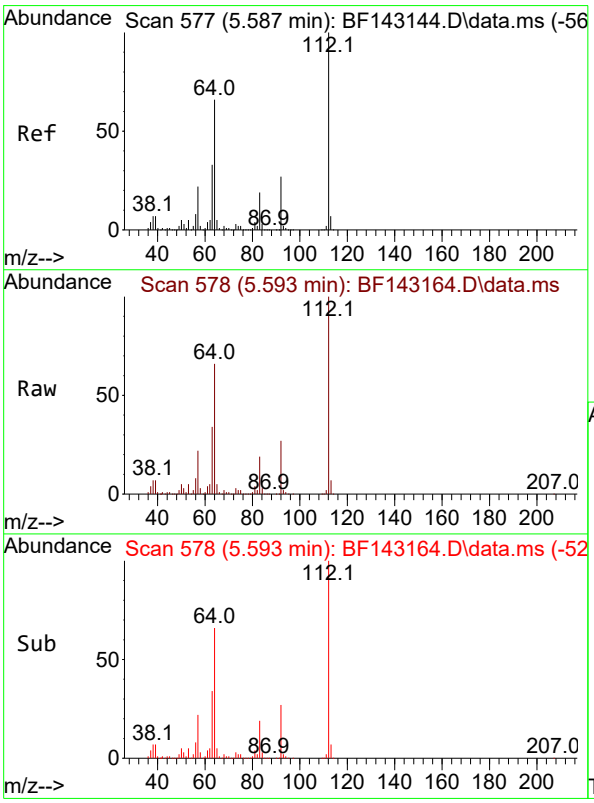
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion:152 Resp: 144227

Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.2	192.4
115	61.2	47.9	71.9

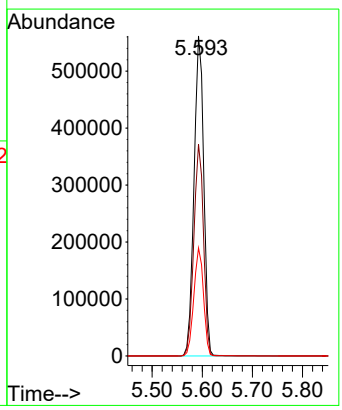


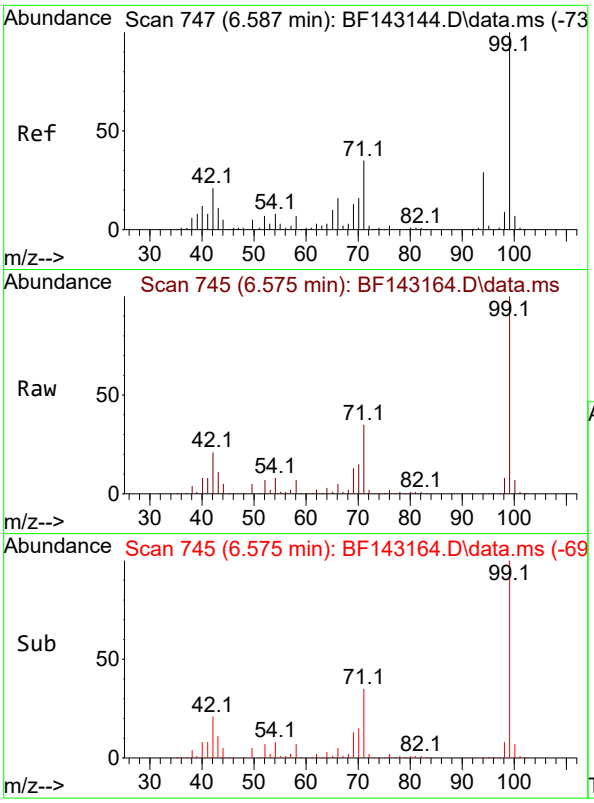


#5
2-Fluorophenol
Concen: 82.761 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:112 Resp: 754293

Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.1	79.7
63	33.7	26.6	40.0



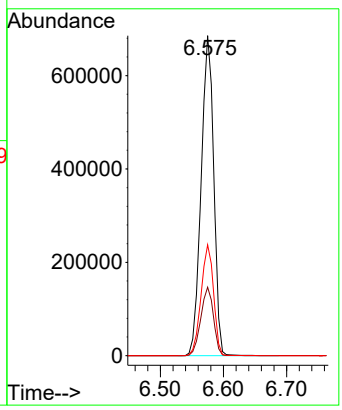


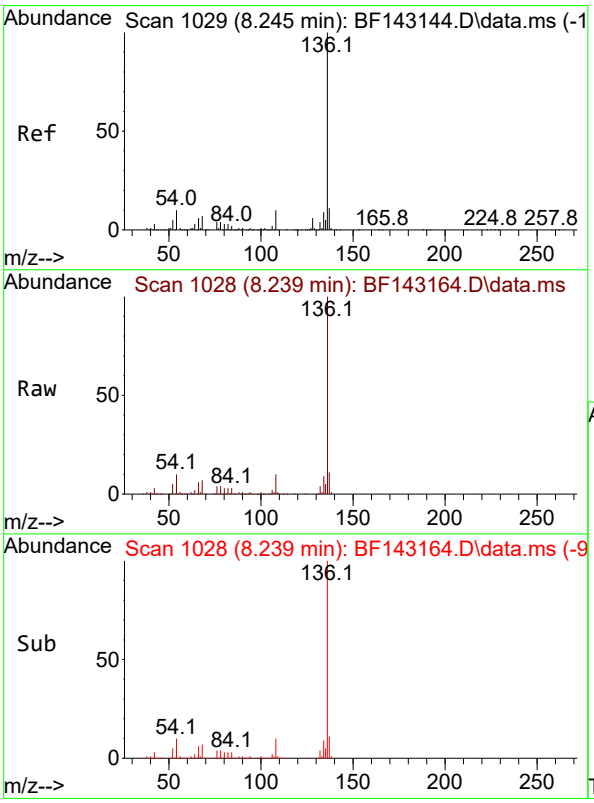
#7
Phenol-d6
Concen: 83.019 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion: 99 Resp: 952370

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	34.6	27.7	41.5

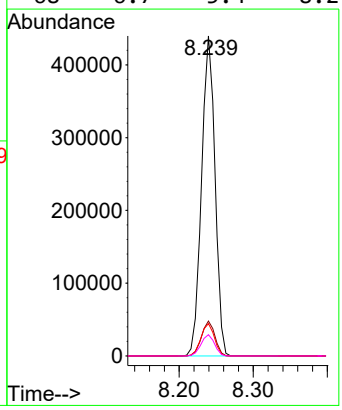


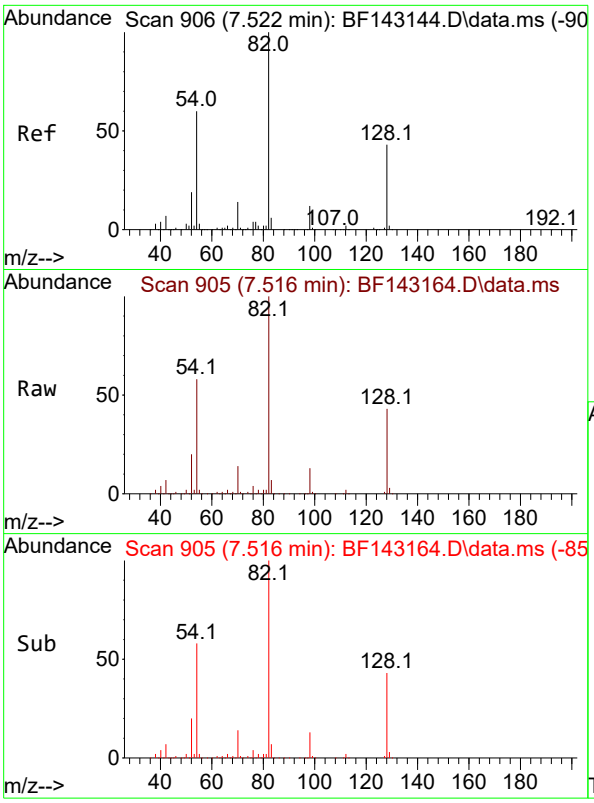


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:136 Resp: 555488

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	6.7	5.4	8.2



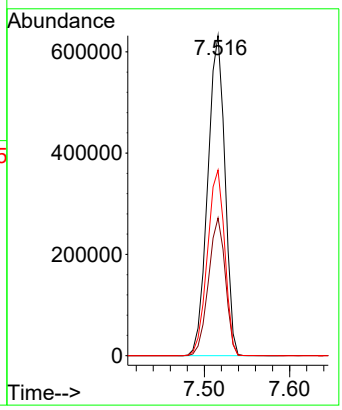


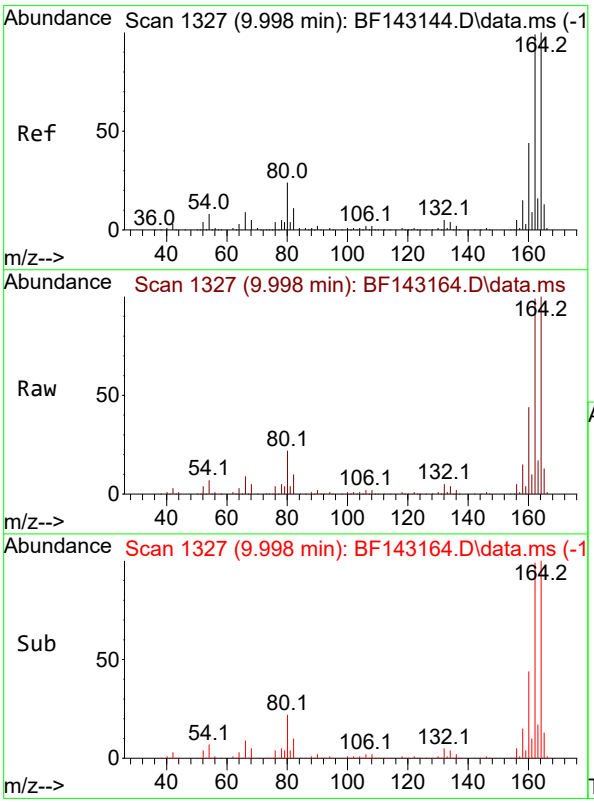
#23
Nitrobenzene-d5
Concen: 79.294 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion: 82 Resp: 883646

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.6	50.4
54	58.0	47.1	70.7

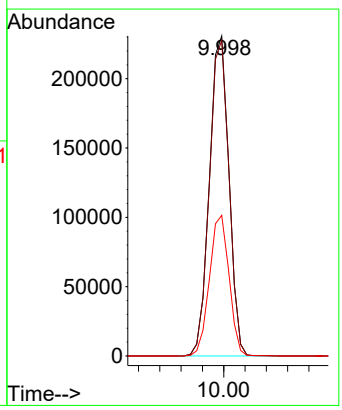


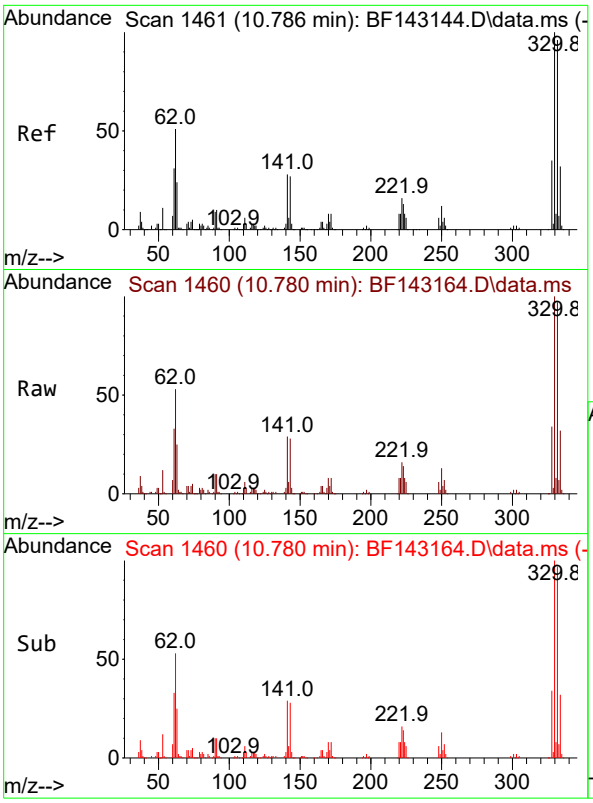


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:164 Resp: 293300

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.6
160	43.9	35.1	52.7



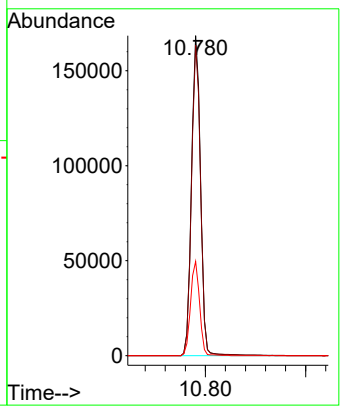


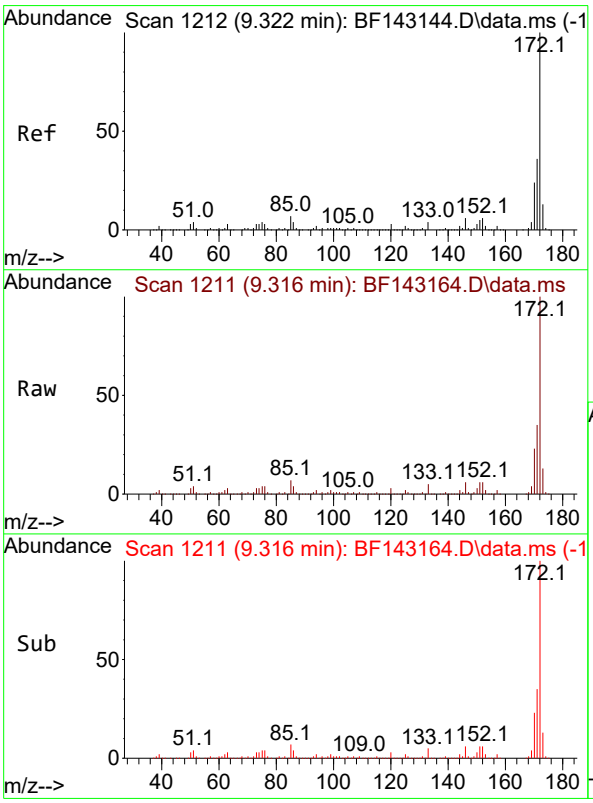
#42
2,4,6-Tribromophenol
Concen: 69.430 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion:330 Resp: 210370

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	29.5	23.3	34.9

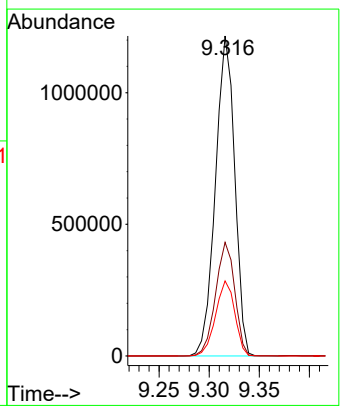


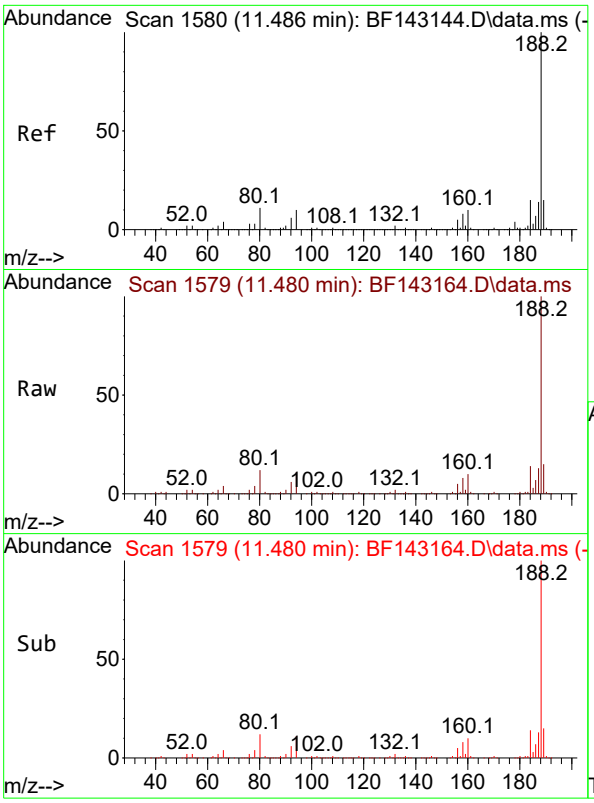


#45
2-Fluorobiphenyl
Concen: 75.819 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:172 Resp: 1626010

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.4	18.8	28.2



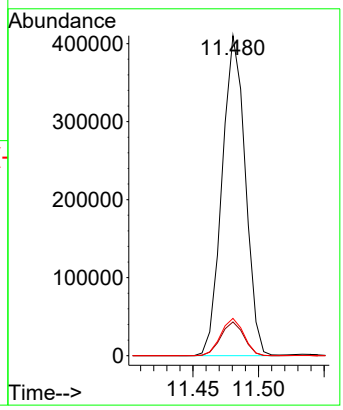


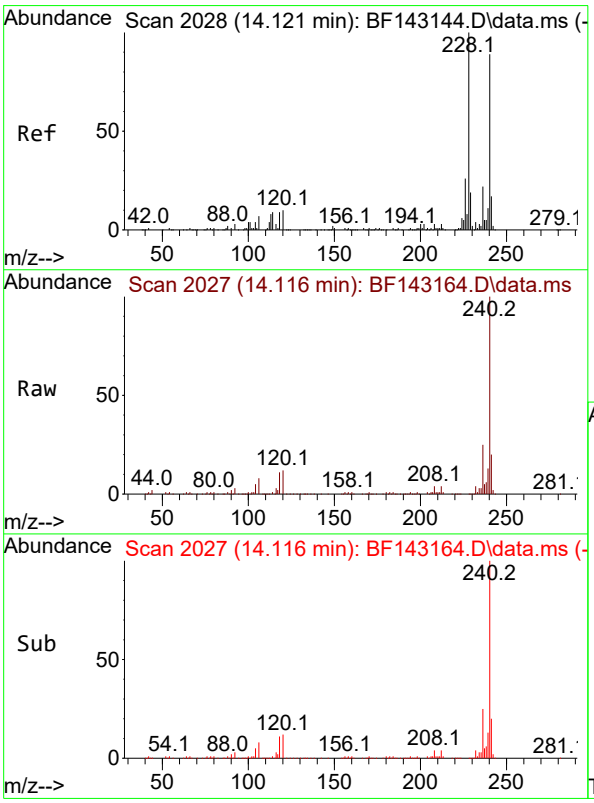
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion:188 Resp: 504948

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.7	9.0	13.6

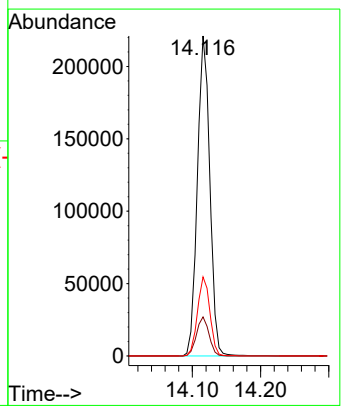


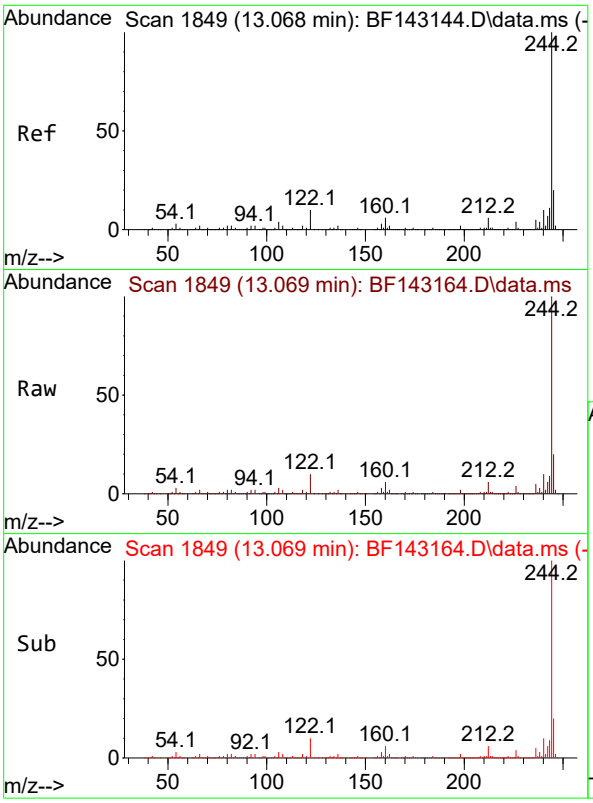


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:240 Resp: 280403

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	24.7	20.2	30.4



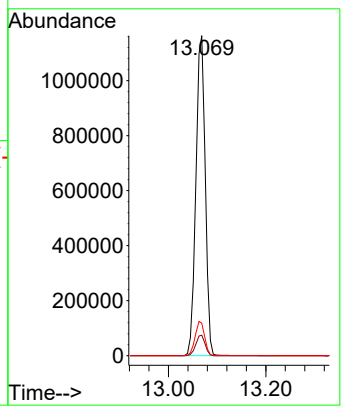


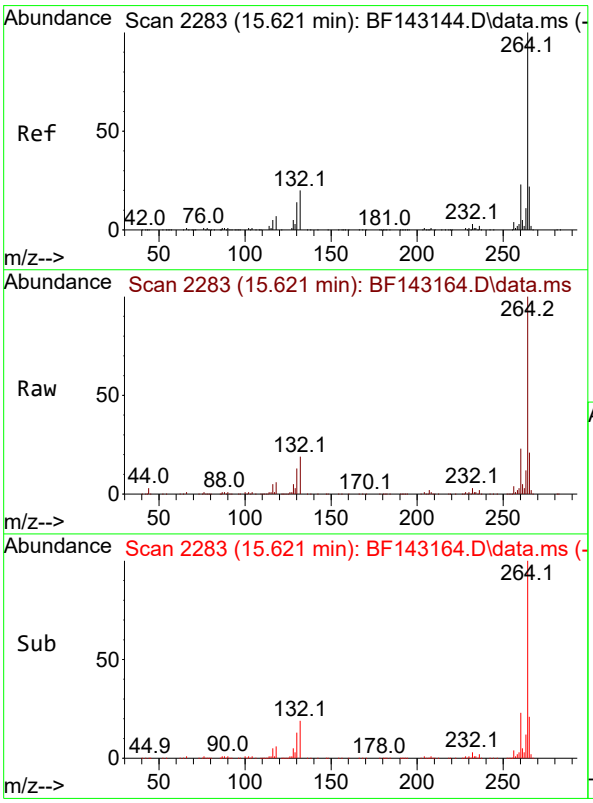
#79
Terphenyl-d14
Concen: 82.774 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB168904BL

Tgt Ion:244 Resp: 1559712

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.1	8.2	12.2

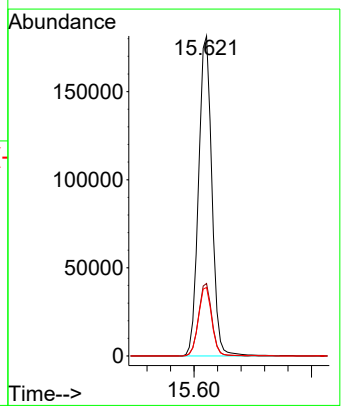




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143164.D
Acq: 18 Jul 2025 13:52

Tgt Ion:264 Resp: 285721

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.4	17.4	26.2



Sample Results: **BF143164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BL

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: BF143164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.593	572	578	583	rBV	2094303	2790083	58.77%	11.133%
2	6.575	738	745	750	rBV	2011257	2786800	58.70%	11.120%
3	6.957	805	810	816	rBV	699781	882347	18.59%	3.521%
4	7.516	898	905	910	rBV	1912696	2680722	56.47%	10.696%
5	8.239	1022	1028	1033	rBV	915416	1152142	24.27%	4.597%
6	9.316	1204	1211	1216	rBV	3562905	4747519	100.00%	18.943%
7	9.998	1321	1327	1332	rBV	984486	1263030	26.60%	5.040%
8	10.780	1454	1460	1465	rBV	1268590	1578086	33.24%	6.297%
9	11.480	1574	1579	1584	rBV	1024635	1259617	26.53%	5.026%
10	11.639	1601	1606	1611	rBV	282980	335789	7.07%	1.340%
11	13.069	1843	1849	1854	rBV	3007816	4073226	85.80%	16.253%
12	14.116	2022	2027	2038	rBV	601370	756781	15.94%	3.020%
13	15.621	2276	2283	2295	rBV	480588	755822	15.92%	3.016%

Sum of corrected areas: 25061964

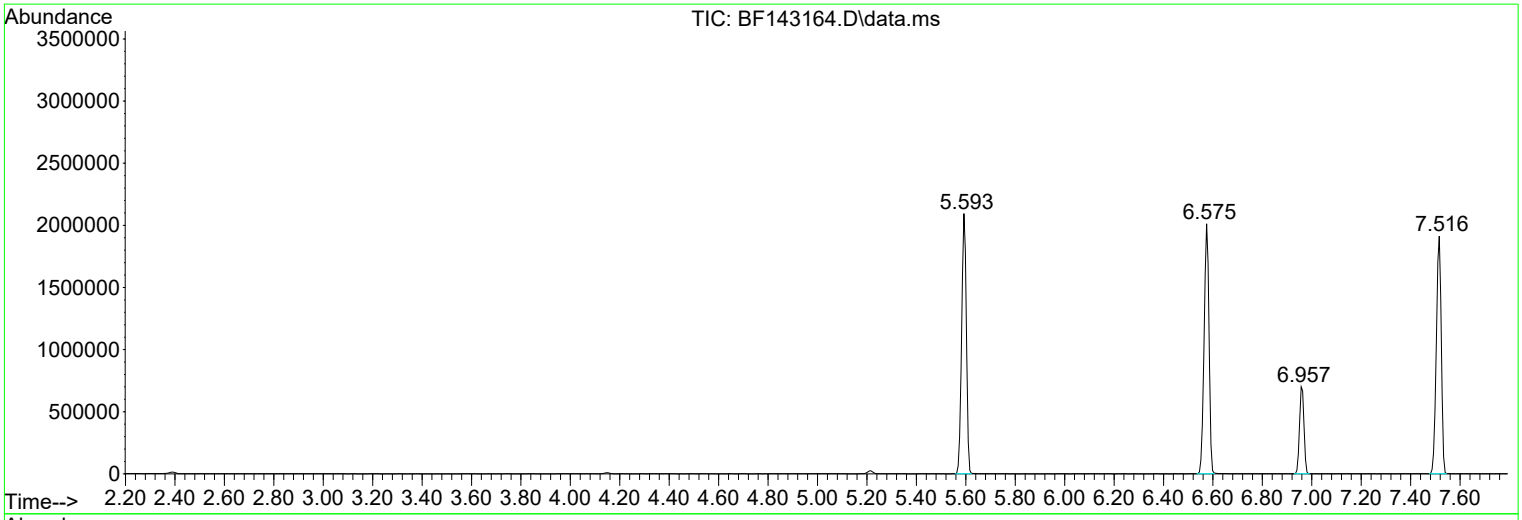
Sample Results: **BF143164.D**

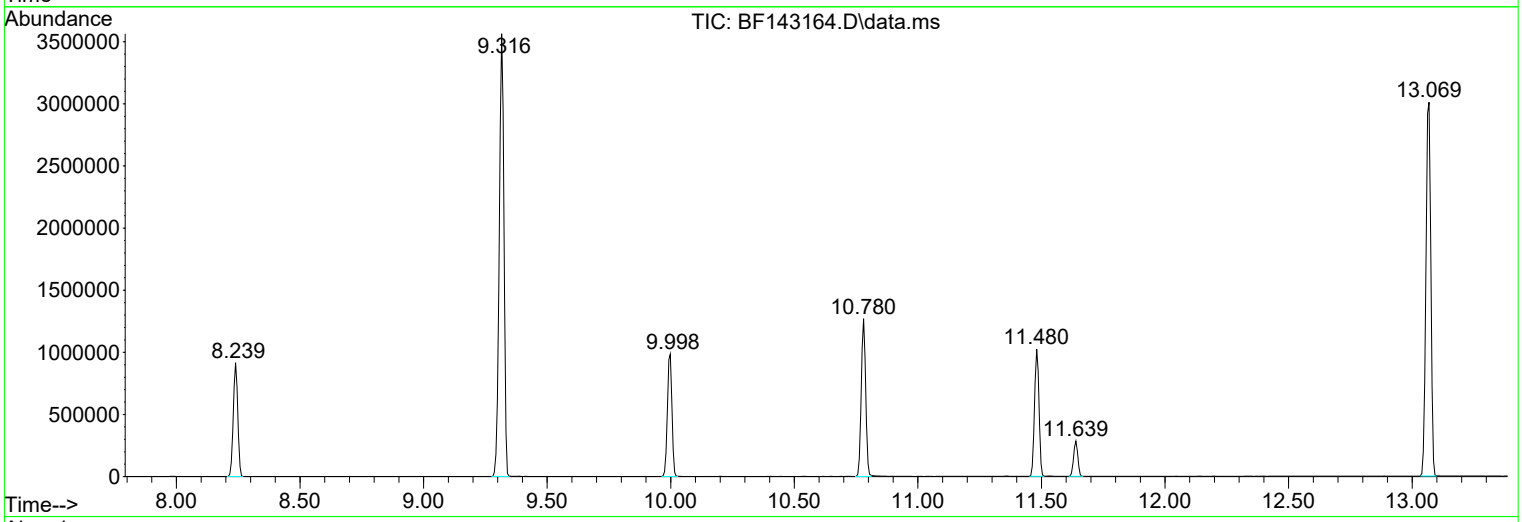
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

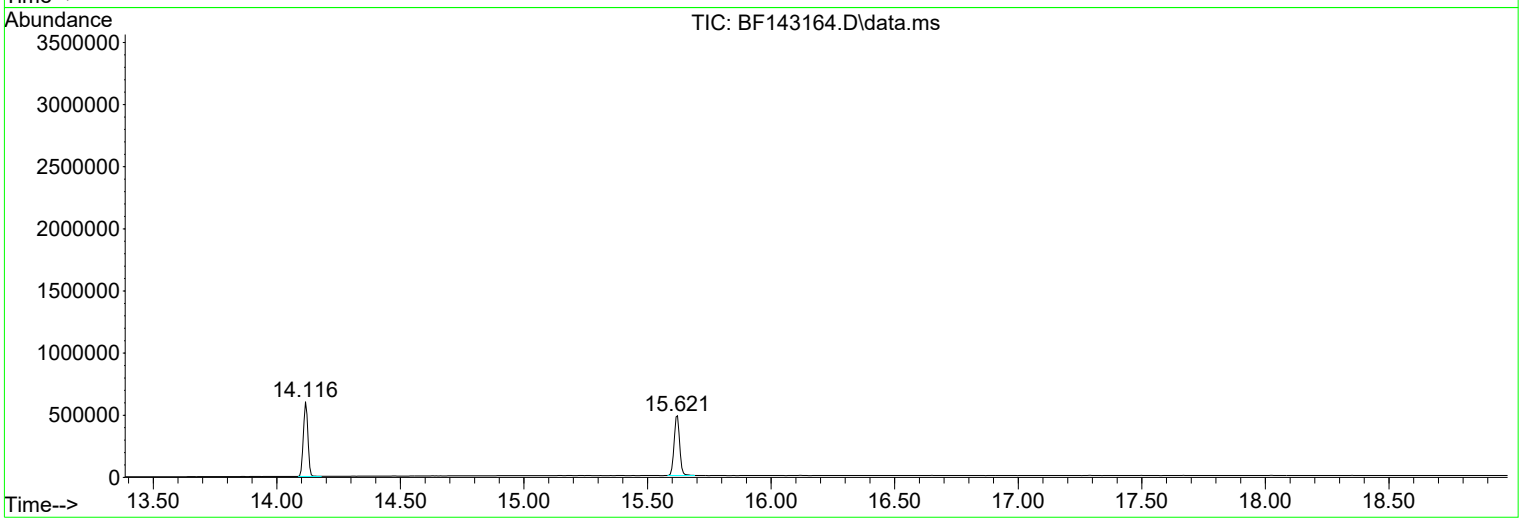
Instrument :
BNA_F
ClientSampleId :
PB168904BL

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 : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BL

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

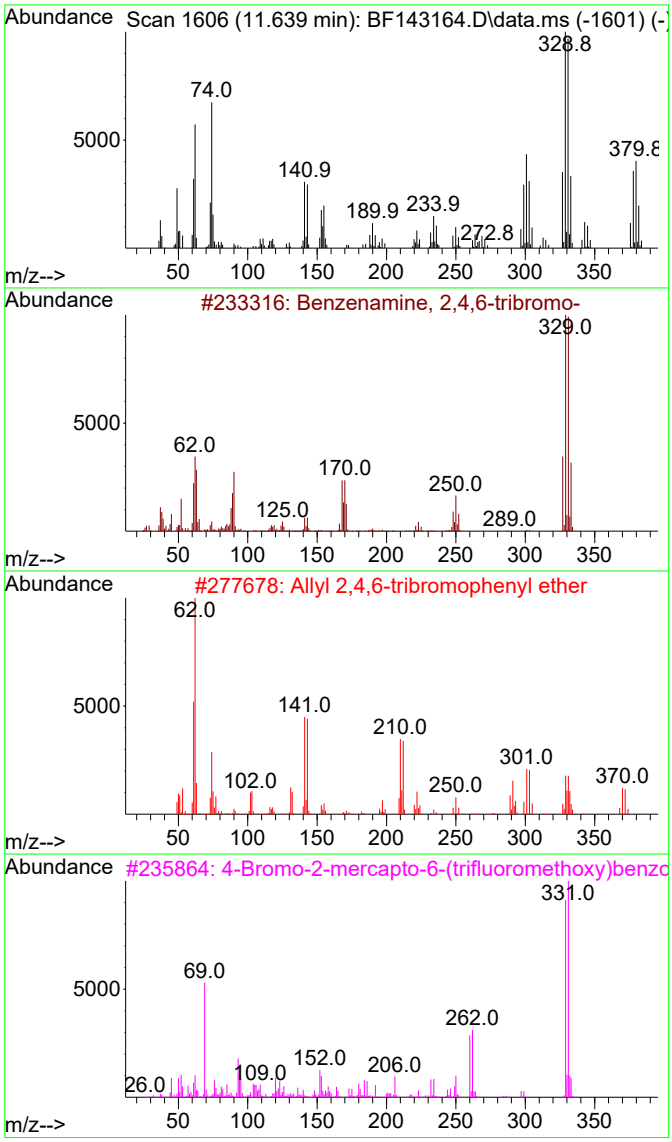
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

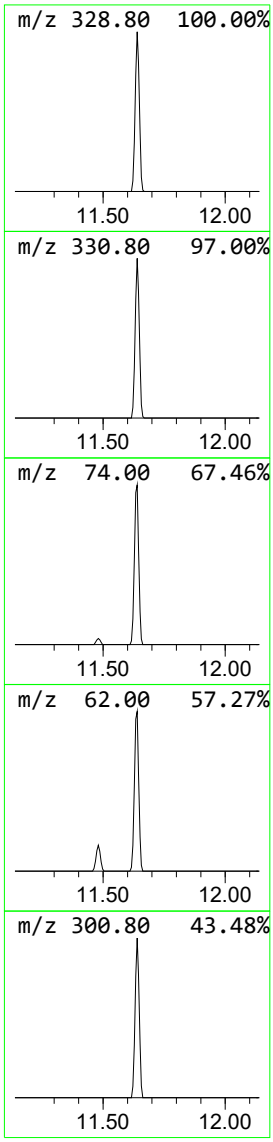
****

Peak Number 1 unknown11.639 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	5.33 ng	335789	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	41
2	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	22
3	4-Bromo-2-mercapto-6-(trifluorom...	329	C8H3BrF3NOS2	1000502-92-7	22
4	Ethane, 1,2-dichloro-	98	C2H4Cl2	000107-06-2	16
5	Methyl 3,5-diamino-6-chloropyraz...	346	C12H23ClN4O2Si2	1000293-06-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143164.D
Acq On : 18 Jul 2025 13:52
Operator : RC/JU
Sample : PB168904BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BL

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	
unknown	11.639	11.639	5.3	ng	335789	4	11.480	1259620	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143162.D
Acq On : 18 Jul 2025 12:53
Operator : RC/JU
Sample : PB168904BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BS

Quant Time: Jul 18 13:12:29 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	140840	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	541427	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	282216	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	448321	20.000	ng		0.00
76) Chrysene-d12	14.121	240	250022	20.000	ng		0.00
86) Perylene-d12	15.621	264	283255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	708845	79.645	ng		0.00
7) Phenol-d6	6.581	99	905876	80.865	ng		0.00
23) Nitrobenzene-d5	7.522	82	869462	80.048	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	243592	83.552	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1536809	74.474	ng		0.00
79) Terphenyl-d14	13.063	244	1323160	78.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	150871	35.825	ng		99
3) Pyridine	3.657	79	415812	38.041	ng		98
4) n-Nitrosodimethylamine	3.599	42	239033	42.356	ng		98
6) Aniline	6.622	93	530673	33.990	ng		99
8) 2-Chlorophenol	6.745	128	398585	42.725	ng		99
9) Benzaldehyde	6.510	77	281039	33.457	ng		99
10) Phenol	6.598	94	516840m	42.351	ng		
11) bis(2-Chloroethyl)ether	6.692	93	396896	42.476	ng		99
12) 1,3-Dichlorobenzene	6.904	146	416857	41.133	ng		99
13) 1,4-Dichlorobenzene	6.981	146	425741	41.715	ng		99
14) 1,2-Dichlorobenzene	7.134	146	412108	42.455	ng		98
15) Benzyl Alcohol	7.098	79	369086	43.150	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	740579	42.725	ng		100
17) 2-Methylphenol	7.204	107	338040	43.095	ng		100
18) Hexachloroethane	7.481	117	152652	43.206	ng		99
19) n-Nitroso-di-n-propyla...	7.369	70	304739	42.401	ng		99
20) 3+4-Methylphenols	7.357	107	413621	43.461	ng	#	90
22) Acetophenone	7.363	105	554083	43.226	ng		97
24) Nitrobenzene	7.539	77	446004	44.043	ng		99
25) Isophorone	7.781	82	839829	43.799	ng		99
26) 2-Nitrophenol	7.857	139	203935	46.402	ng		100
27) 2,4-Dimethylphenol	7.886	122	395116	44.105	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	496181	43.160	ng		99
29) 2,4-Dichlorophenol	8.092	162	329682	43.638	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	348666	42.718	ng		99
31) Naphthalene	8.263	128	1144292	42.914	ng		100
32) Benzoic acid	7.992	122	219361	43.958	ng		98
33) 4-Chloroaniline	8.304	127	204368	18.770	ng		100
34) Hexachlorobutadiene	8.386	225	214101	42.941	ng		100
35) Caprolactam	8.669	113	107629m	47.144	ng		
36) 4-Chloro-3-methylphenol	8.781	107	362456	44.140	ng		100
37) 2-Methylnaphthalene	8.957	142	702863	43.318	ng		100
38) 1-Methylnaphthalene	9.057	142	721852	43.203	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	338541	41.550	ng		99
41) Hexachlorocyclopentadiene	9.116	237	457365	86.269	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	242153	42.942	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143162.D
Acq On : 18 Jul 2025 12:53
Operator : RC/JU
Sample : PB168904BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BS

Quant Time: Jul 18 13:12:29 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

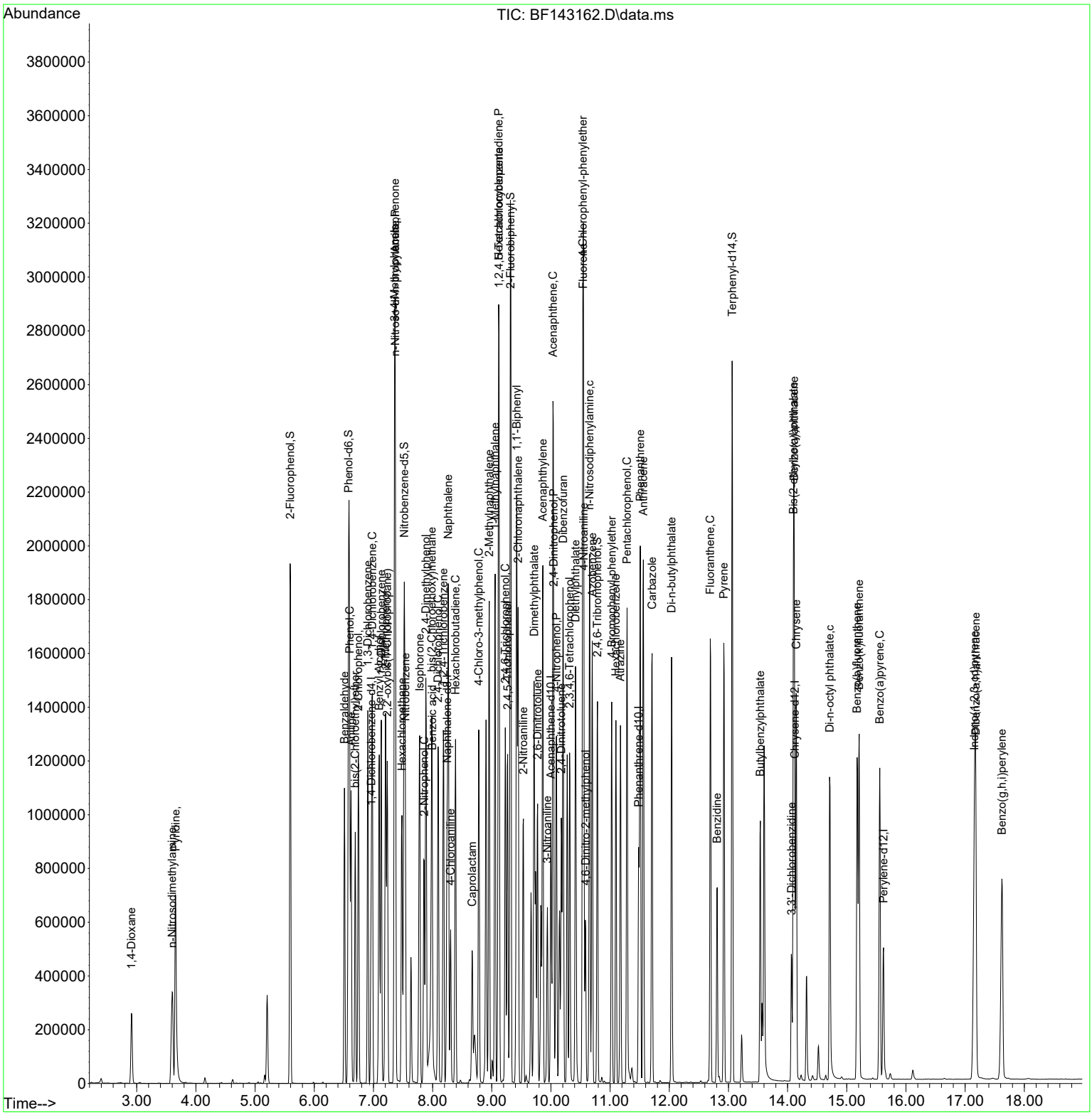
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	257533	45.656	ng		99
46) 1,1'-Biphenyl	9.422	154	953537	43.306	ng		99
47) 2-Chloronaphthalene	9.445	162	694401	42.622	ng		100
48) 2-Nitroaniline	9.533	65	238471	46.675	ng		99
49) Acenaphthylene	9.863	152	1179238	43.191	ng		100
50) Dimethylphthalate	9.716	163	807076	43.873	ng		100
51) 2,6-Dinitrotoluene	9.775	165	176735	47.227	ng		99
52) Acenaphthene	10.033	154	744758	46.151	ng		98
53) 3-Nitroaniline	9.939	138	128632	29.387	ng		99
54) 2,4-Dinitrophenol	10.045	184	155071	90.478	ng	#	8
55) Dibenzofuran	10.204	168	1021602	42.640	ng		99
56) 4-Nitrophenol	10.092	139	291400	89.152	ng		99
57) 2,4-Dinitrotoluene	10.175	165	229467	48.875	ng		99
58) Fluorene	10.545	166	770170	42.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	210611	45.074	ng		99
60) Diethylphthalate	10.416	149	811853	44.651	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	388946	43.440	ng		99
62) 4-Nitroaniline	10.557	138	166177	44.297	ng		99
63) Azobenzene	10.698	77	836150	44.124	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	105178	45.118	ng		97
66) n-Nitrosodiphenylamine	10.651	169	690716	43.753	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	235457	44.070	ng		99
68) Hexachlorobenzene	11.098	284	249375	44.656	ng		99
69) Atrazine	11.175	200	206267	47.393	ng		100
70) Pentachlorophenol	11.286	266	299004	91.047	ng		98
71) Phenanthrene	11.510	178	1043022	43.816	ng		100
72) Anthracene	11.563	178	1063793	43.817	ng		100
73) Carbazole	11.710	167	930154	43.877	ng		100
74) Di-n-butylphthalate	12.039	149	1103396	46.000	ng		100
75) Fluoranthene	12.692	202	965500	44.189	ng		99
77) Benzidine	12.810	184	399079	41.430	ng		99
78) Pyrene	12.921	202	953662	44.693	ng		100
80) Butylbenzylphthalate	13.539	149	309177	47.318	ng		98
81) Benzo(a)anthracene	14.110	228	739873	44.201	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	140203	25.131	ng		99
83) Chrysene	14.145	228	678150	45.060	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	472409	47.767	ng		100
85) Di-n-octyl phthalate	14.710	149	833202	46.478	ng		100
87) Indeno(1,2,3-cd)pyrene	17.156	276	895590	44.839	ng		100
88) Benzo(b)fluoranthene	15.174	252	773715	44.712	ng		99
89) Benzo(k)fluoranthene	15.210	252	718119	46.506	ng		99
90) Benzo(a)pyrene	15.557	252	727999	45.662	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	731233	44.980	ng		99
92) Benzo(g,h,i)perylene	17.621	276	705378	44.855	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143162.D
Acq On : 18 Jul 2025 12:53
Operator : RC/JU
Sample : PB168904BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BS

Quant Time: Jul 18 13:12:29 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143163.D
Acq On : 18 Jul 2025 13:22
Operator : RC/JU
Sample : PB168904BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Quant Time: Jul 18 13:45:00 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	134233	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	524933	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	272308	20.000	ng		0.00
64) Phenanthrene-d10	11.481	188	443930	20.000	ng		0.00
76) Chrysene-d12	14.122	240	252328	20.000	ng		0.00
86) Perylene-d12	15.621	264	280075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	689324	81.264	ng		0.00
7) Phenol-d6	6.581	99	877854	82.220	ng		0.00
23) Nitrobenzene-d5	7.516	82	849641	80.681	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	234514	83.365	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1490518	74.859	ng		0.00
79) Terphenyl-d14	13.063	244	1322859	78.016	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	148250	36.936	ng		100
3) Pyridine	3.652	79	404777	38.854	ng		98
4) n-Nitrosodimethylamine	3.593	42	232460	43.218	ng		98
6) Aniline	6.622	93	509293	34.226	ng		99
8) 2-Chlorophenol	6.746	128	391235	44.001	ng		98
9) Benzaldehyde	6.510	77	279137	34.866	ng		97
10) Phenol	6.593	94	507550m	43.636	ng		
11) bis(2-Chloroethyl)ether	6.693	93	390023	43.795	ng		98
12) 1,3-Dichlorobenzene	6.904	146	405894	42.023	ng		99
13) 1,4-Dichlorobenzene	6.981	146	412718	42.430	ng		99
14) 1,2-Dichlorobenzene	7.134	146	399171	43.146	ng		99
15) Benzyl Alcohol	7.098	79	358599	43.987	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	724154	43.834	ng		100
17) 2-Methylphenol	7.204	107	329392	44.059	ng		98
18) Hexachloroethane	7.481	117	148035	43.962	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	295904	43.198	ng		99
20) 3+4-Methylphenols	7.357	107	408476	45.033	ng	#	88
22) Acetophenone	7.363	105	535066	43.054	ng		97
24) Nitrobenzene	7.540	77	436819	44.491	ng		100
25) Isophorone	7.775	82	817053	43.950	ng		100
26) 2-Nitrophenol	7.857	139	203332	47.719	ng		99
27) 2,4-Dimethylphenol	7.887	122	385257	44.356	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	488053	43.786	ng		99
29) 2,4-Dichlorophenol	8.092	162	323576	44.175	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	336097	42.472	ng		99
31) Naphthalene	8.263	128	1127603m	43.617	ng		
32) Benzoic acid	7.993	122	227846m	46.723	ng		
33) 4-Chloroaniline	8.304	127	205458	19.464	ng		99
34) Hexachlorobutadiene	8.387	225	210749	43.596	ng		100
35) Caprolactam	8.669	113	106998m	48.340	ng		
36) 4-Chloro-3-methylphenol	8.781	107	358475	45.026	ng		100
37) 2-Methylnaphthalene	8.957	142	682326	43.373	ng		100
38) 1-Methylnaphthalene	9.057	142	711574	43.926	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	331686	42.189	ng		99
41) Hexachlorocyclopentadiene	9.116	237	447550	87.490	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	234546	43.107	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143163.D
Acq On : 18 Jul 2025 13:22
Operator : RC/JU
Sample : PB168904BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Quant Time: Jul 18 13:45:00 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

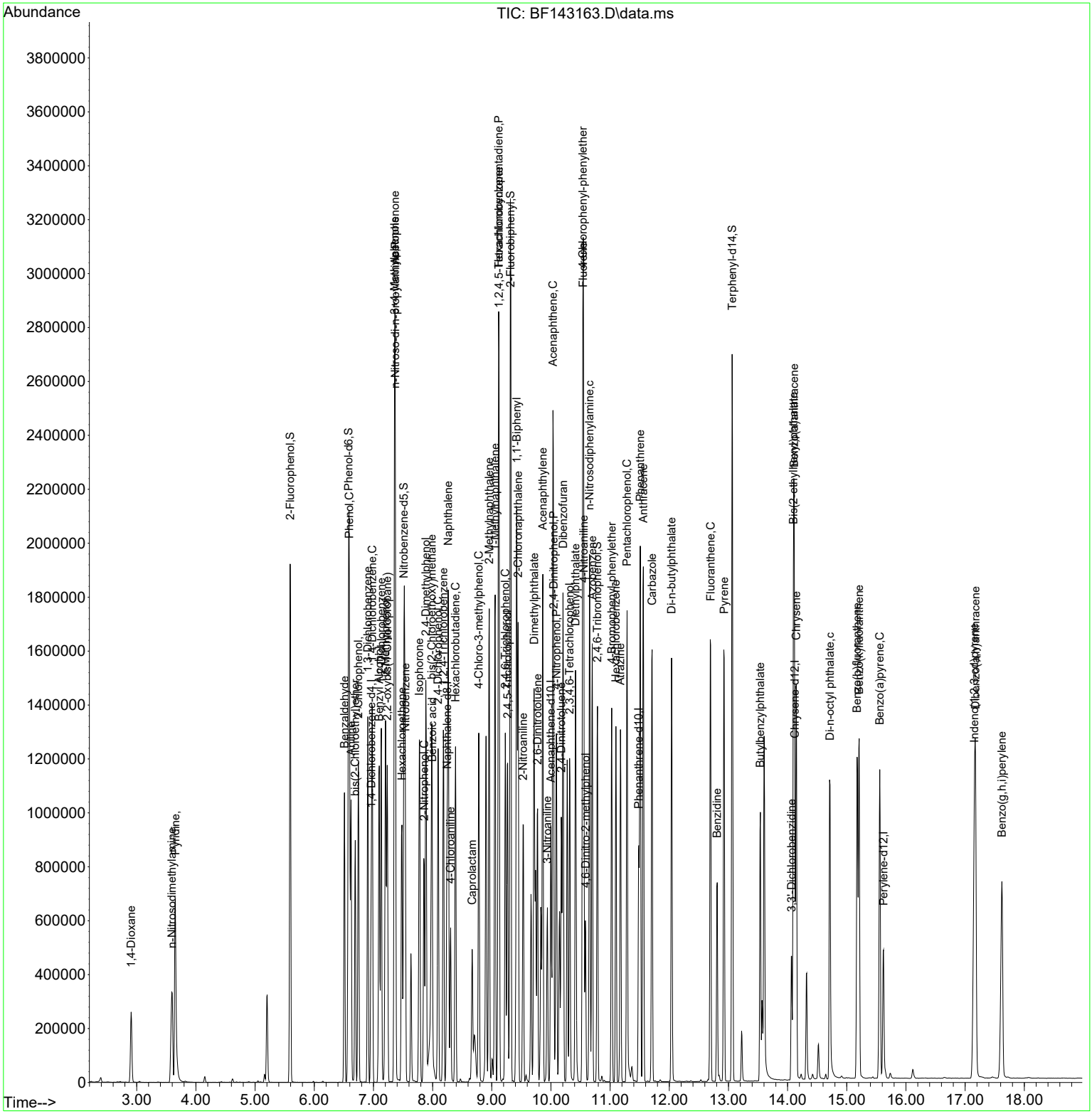
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	250713	46.064	ng		99
46) 1,1'-Biphenyl	9.422	154	926298	43.600	ng		100
47) 2-Chloronaphthalene	9.445	162	673620	42.851	ng		100
48) 2-Nitroaniline	9.528	65	233503	47.366	ng		97
49) Acenaphthylene	9.863	152	1146165	43.507	ng		100
50) Dimethylphthalate	9.716	163	798798	45.003	ng		99
51) 2,6-Dinitrotoluene	9.775	165	175169	48.512	ng		99
52) Acenaphthene	10.034	154	731488	46.978	ng		98
53) 3-Nitroaniline	9.939	138	125947	29.821	ng		99
54) 2,4-Dinitrophenol	10.045	184	155426	93.727	ng	#	2
55) Dibenzofuran	10.204	168	1001067	43.303	ng		99
56) 4-Nitrophenol	10.092	139	292549	92.760	ng		98
57) 2,4-Dinitrotoluene	10.175	165	229791	50.725	ng		99
58) Fluorene	10.545	166	747135	43.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	211171	46.838	ng		99
60) Diethylphthalate	10.416	149	799680	45.581	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	377435	43.688	ng		99
62) 4-Nitroaniline	10.557	138	164448	45.431	ng		99
63) Azobenzene	10.698	77	823357	45.030	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	102823	44.613	ng		97
66) n-Nitrosodiphenylamine	10.651	169	682448	43.657	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	231921	43.838	ng		100
68) Hexachlorobenzene	11.098	284	246065	44.499	ng		99
69) Atrazine	11.175	200	202166	46.910	ng		99
70) Pentachlorophenol	11.286	266	291731	89.711	ng		99
71) Phenanthrene	11.510	178	1035532	43.932	ng		100
72) Anthracene	11.563	178	1037171	43.143	ng		99
73) Carbazole	11.710	167	926315	44.128	ng		100
74) Di-n-butylphthalate	12.039	149	1092806	46.009	ng		100
75) Fluoranthene	12.698	202	973043	44.975	ng		100
77) Benzidine	12.810	184	403621	41.518	ng		99
78) Pyrene	12.927	202	946188	43.938	ng		100
80) Butylbenzylphthalate	13.539	149	312264	47.354	ng		100
81) Benzo(a)anthracene	14.110	228	749253	44.352	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	140515	24.957	ng		99
83) Chrysene	14.145	228	699428	46.049	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	469258	47.015	ng		100
85) Di-n-octyl phthalate	14.716	149	827899	45.761	ng		100
87) Indeno(1,2,3-cd)pyrene	17.157	276	877169	44.416	ng		100
88) Benzo(b)fluoranthene	15.174	252	774966	45.293	ng		99
89) Benzo(k)fluoranthene	15.210	252	707707	46.352	ng		99
90) Benzo(a)pyrene	15.557	252	716468	45.449	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	715895	44.536	ng		100
92) Benzo(g,h,i)perylene	17.621	276	692338	44.525	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143163.D
Acq On : 18 Jul 2025 13:22
Operator : RC/JU
Sample : PB168904BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Quant Time: Jul 18 13:45:00 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



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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf071825	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143159.D	Phenol	Rahul	7/21/2025 8:14:42 AM	Jagrut	7/21/2025 9:31:06 AM	Peak Integrated by Software
PB168904BS	BF143162.D	Caprolactam	Rahul	7/21/2025 8:14:51 AM	Jagrut	7/21/2025 9:31:14 AM	Peak Integrated by Software
PB168904BS	BF143162.D	Phenol	Rahul	7/21/2025 8:14:51 AM	Jagrut	7/21/2025 9:31:14 AM	Peak Integrated by Software
PB168904BSD	BF143163.D	Benzoic acid	Rahul	7/21/2025 8:14:54 AM	Jagrut	7/21/2025 9:31:19 AM	Peak Integrated by Software
PB168904BSD	BF143163.D	Caprolactam	Rahul	7/21/2025 8:14:54 AM	Jagrut	7/21/2025 9:31:19 AM	Peak Integrated by Software
PB168904BSD	BF143163.D	Naphthalene	Rahul	7/21/2025 8:14:54 AM	Jagrut	7/21/2025 9:31:19 AM	Peak Integrated by Software
PB168904BSD	BF143163.D	Phenol	Rahul	7/21/2025 8:14:54 AM	Jagrut	7/21/2025 9:31:19 AM	Peak Integrated by Software

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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	

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

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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

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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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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

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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

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 07/17/2025

Extraction Start Time : 08:39

Extraction End Date : 07/17/2025

Extraction End Time : 13:40

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	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

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

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:**	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	