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

Hit Summary Sheet
SW-846

SDG No.: Q1574

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : WC1									
Q1574-01	WC1	SOIL	Phenanthrene		520.000	J	110	870	ug/Kg
Q1574-01	WC1	SOIL	Fluoranthene		830.000	J	150	870	ug/Kg
Q1574-01	WC1	SOIL	Pyrene		580.000	J	180	870	ug/Kg
Q1574-01	WC1	SOIL	Chrysene		550.000	J	100	870	ug/Kg
Q1574-01	WC1	SOIL	Bis(2-ethylhexyl)phthalate		43,100.000	E	300	870	ug/Kg
			Total Svoc :		**45,580.00**				
Q1574-01	WC1	SOIL	n-Hexadecanoic acid	*	1,400.000	J	0	0	ug/Kg
Q1574-01	WC1	SOIL	Octadecanoic acid	*	2,000.000	J	0	0	ug/Kg
Q1574-01	WC1	SOIL	Phthalic acid, 4-methylhept-3-yl u	*	3,400.000	J	0	0	ug/Kg
Q1574-01	WC1	SOIL	Phthalic anhydride	*	720.000	J	0	0	ug/Kg
			Total Tics :		**7,520.00**				
			Total Concentration:		**53,100.00**				
Client ID : WC1DL									
Q1574-01DL	WC1DL	SOIL	Bis(2-ethylhexyl)phthalate		50,800.000	D	1500	4300	ug/Kg
			Total Svoc :		**50,800.00**				
			Total Concentration:		**50,800.00**				

SAMPLE DATA

Raw Data: **BF141982.D**

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

Client:	G Environmental			Date Collected:	03/12/25
Project:	Ave L			Date Received:	03/14/25
Client Sample ID:	WC1			SDG No.:	Q1574
Lab Sample ID:	Q1574-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	98
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	800	U	800	1700	ug/Kg
108-95-2	Phenol	110	U	110	870	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	870	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	870	ug/Kg
95-48-7	2-Methylphenol	150	U	150	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	870	ug/Kg
98-86-2	Acetophenone	150	U	150	870	ug/Kg
65794-96-9	3+4-Methylphenols	210	U	210	1700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	410	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	870	ug/Kg
98-95-3	Nitrobenzene	93.3	U	93.3	870	ug/Kg
78-59-1	Isophorone	170	U	170	870	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	870	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	870	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	870	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	870	ug/Kg
91-20-3	Naphthalene	120	U	120	870	ug/Kg
106-47-8	4-Chloroaniline	180	UQ	180	870	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	870	ug/Kg
105-60-2	Caprolactam	270	U	270	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	870	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	870	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590	UQ	590	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	870	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	870	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	870	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	870	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	870	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	870	ug/Kg

Raw Data: **BF141982.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	03/12/25
Project:	Ave L			Date Received:	03/14/25
Client Sample ID:	WC1			SDG No.:	Q1574
Lab Sample ID:	Q1574-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	98
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	150	870	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	870	ug/Kg
99-09-2	3-Nitroaniline	230	UQ	230	870	ug/Kg
83-32-9	Acenaphthene	110	U	110	870	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1700	ug/Kg
100-02-7	4-Nitrophenol	550	U	550	1700	ug/Kg
132-64-9	Dibenzofuran	120	U	120	870	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	870	ug/Kg
84-66-2	Diethylphthalate	140	U	140	870	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	870	ug/Kg
86-73-7	Fluorene	130	U	130	870	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	530	U	530	1700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	870	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	870	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	870	ug/Kg
1912-24-9	Atrazine	170	UQ	170	870	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	1700	ug/Kg
85-01-8	Phenanthrene	520	J	110	870	ug/Kg
120-12-7	Anthracene	170	U	170	870	ug/Kg
86-74-8	Carbazole	160	U	160	870	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	870	ug/Kg
206-44-0	Fluoranthene	830	J	150	870	ug/Kg
129-00-0	Pyrene	580	J	180	870	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	870	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	1700	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	870	ug/Kg
218-01-9	Chrysene	550	J	100	870	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43100	E	300	870	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.9	U	96.9	870	ug/Kg

Raw Data: **BF141982.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	03/12/25
Project:	Ave L			Date Received:	03/14/25
Client Sample ID:	WC1			SDG No.:	Q1574
Lab Sample ID:	Q1574-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	98
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	870	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	870	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	870	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	870	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	870	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	870	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	870	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	870	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	32.7	*	30 (18) - 130 (112)	22%	SPK: 150
13127-88-3	Phenol-d6	31.0	*	30 (15) - 130 (107)	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	23.6	*	30 (18) - 130 (107)	24%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.2	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.0	*	30 (10) - 130 (116)	21%	SPK: 150
1718-51-0	Terphenyl-d14	26.0	*	30 (10) - 130 (105)	26%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.881			
1146-65-2	Naphthalene-d8	483000	8.163			
15067-26-2	Acenaphthene-d10	242000	9.916			
1517-22-2	Phenanthrene-d10	414000	11.404			
1719-03-5	Chrysene-d12	299000	14.045			
1520-96-3	Perylene-d12	246000	15.569			
TENTATIVE IDENTIFIED COMPOUNDS						
000085-44-9	Phthalic anhydride	720	J		8.92	ug/Kg
000057-10-3	n-Hexadecanoic acid	1400	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	2000	J		12.7	ug/Kg
1000377-94-6	Phthalic acid, 4-methylhept-3-yl u	3400	J		16.8	ug/Kg

Raw Data: **BF141982.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	03/12/25
Project:	Ave L			Date Received:	03/14/25
Client Sample ID:	WC1			SDG No.:	Q1574
Lab Sample ID:	Q1574-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	98
Sample Wt/Vol:	30.02	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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: **BF141984.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	4000	UD	4000	8400	ug/Kg
108-95-2	Phenol	560	UD	560	4300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	620	UD	620	4300	ug/Kg
95-57-8	2-Chlorophenol	620	UD	620	4300	ug/Kg
95-48-7	2-Methylphenol	760	UD	760	4300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960	UD	960	4300	ug/Kg
98-86-2	Acetophenone	750	UD	750	4300	ug/Kg
65794-96-9	3+4-Methylphenols	1000	UD	1000	8400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200	UD	1200	2000	ug/Kg
67-72-1	Hexachloroethane	450	UD	450	4300	ug/Kg
98-95-3	Nitrobenzene	470	UD	470	4300	ug/Kg
78-59-1	Isophorone	840	UD	840	4300	ug/Kg
88-75-5	2-Nitrophenol	1500	UD	1500	4300	ug/Kg
105-67-9	2,4-Dimethylphenol	1700	UD	1700	4300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	790	UD	790	4300	ug/Kg
120-83-2	2,4-Dichlorophenol	720	UD	720	4300	ug/Kg
91-20-3	Naphthalene	580	UD	580	4300	ug/Kg
106-47-8	4-Chloroaniline	900	UDQ	900	4300	ug/Kg
87-68-3	Hexachlorobutadiene	640	UD	640	4300	ug/Kg
105-60-2	Caprolactam	1300	UD	1300	8400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	730	UD	730	4300	ug/Kg
91-57-6	2-Methylnaphthalene	650	UD	650	4300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	UDQ	3000	8400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	UD	500	4300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740	UD	740	4300	ug/Kg
92-52-4	1,1-Biphenyl	560	UD	560	4300	ug/Kg
91-58-7	2-Chloronaphthalene	570	UD	570	4300	ug/Kg
88-74-4	2-Nitroaniline	1200	UD	1200	4300	ug/Kg
131-11-3	Dimethylphthalate	690	UD	690	4300	ug/Kg

Raw Data: **BF141984.D**

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

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	740	UD	740	4300	ug/Kg
606-20-2	2,6-Dinitrotoluene	860	UD	860	4300	ug/Kg
99-09-2	3-Nitroaniline	1200	UDQ	1200	4300	ug/Kg
83-32-9	Acenaphthene	540	UD	540	4300	ug/Kg
51-28-5	2,4-Dinitrophenol	5800	UD	5800	8400	ug/Kg
100-02-7	4-Nitrophenol	2700	UD	2700	8400	ug/Kg
132-64-9	Dibenzofuran	580	UD	580	4300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	UD	1300	4300	ug/Kg
84-66-2	Diethylphthalate	720	UD	720	4300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	680	UD	680	4300	ug/Kg
86-73-7	Fluorene	640	UD	640	4300	ug/Kg
100-01-6	4-Nitroaniline	1600	UD	1600	4300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	UD	2600	8400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	840	UD	840	4300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	UD	710	4300	ug/Kg
118-74-1	Hexachlorobenzene	640	UD	640	4300	ug/Kg
1912-24-9	Atrazine	870	UDQ	870	4300	ug/Kg
87-86-5	Pentachlorophenol	1300	UD	1300	8400	ug/Kg
85-01-8	Phenanthrene	530	UD	530	4300	ug/Kg
120-12-7	Anthracene	850	UD	850	4300	ug/Kg
86-74-8	Carbazole	800	UD	800	4300	ug/Kg
84-74-2	Di-n-butylphthalate	1200	UD	1200	4300	ug/Kg
206-44-0	Fluoranthene	760	UD	760	4300	ug/Kg
129-00-0	Pyrene	920	UD	920	4300	ug/Kg
85-68-7	Butylbenzylphthalate	1800	UD	1800	4300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940	UD	940	8400	ug/Kg
56-55-3	Benzo(a)anthracene	590	UD	590	4300	ug/Kg
218-01-9	Chrysene	510	UD	510	4300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50800	D	1500	4300	ug/Kg
117-84-0	Di-n-octyl phthalate	2200	UD	2200	8400	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	UD	480	4300	ug/Kg

Raw Data: **BF141984.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	570	UD	570	4300	ug/Kg
50-32-8	Benzo(a)pyrene	750	UD	750	4300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740	UD	740	4300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	700	UD	700	4300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660	UD	660	4300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	650	UD	650	4300	ug/Kg
123-91-1	1,4-Dioxane	1200	UD	1200	4300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	700	UD	700	4300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	29.2	*	30 (18) - 130 (112)	19%	SPK: 150
13127-88-3	Phenol-d6	26.8	*	30 (15) - 130 (107)	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	22.1	*	30 (18) - 130 (107)	22%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.3	*	30 (20) - 130 (109)	26%	SPK: 100
118-79-6	2,4,6-Tribromophenol	26.6	*	30 (10) - 130 (116)	18%	SPK: 150
1718-51-0	Terphenyl-d14	25.9	*	30 (10) - 130 (105)	26%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.881			
1146-65-2	Naphthalene-d8	437000	8.163			
15067-26-2	Acenaphthene-d10	216000	9.916			
1517-22-2	Phenanthrene-d10	380000	11.404			
1719-03-5	Chrysene-d12	298000	14.039			
1520-96-3	Perylene-d12	225000	15.527			

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.: Q1574

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167157BL	PB167157BL	2-Fluorophenol	150	151	101		30 (18)	130 (112)
		Phenol-d6	150	144	96		30 (15)	130 (107)
		Nitrobenzene-d5	100	96.9	97		30 (18)	130 (107)
		2-Fluorobiphenyl	100	97.8	98		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	146	97		30 (10)	130 (116)
		Terphenyl-d14	100	110	110		30 (10)	130 (105)
PB167157BS	PB167157BS	2-Fluorophenol	150	156	104		30 (18)	130 (112)
		Phenol-d6	150	148	98		30 (15)	130 (107)
		Nitrobenzene-d5	100	99.5	100		30 (18)	130 (107)
		2-Fluorobiphenyl	100	96.5	96		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	102		30 (10)	130 (116)
		Terphenyl-d14	100	102	102		30 (10)	130 (105)
Q1574-01	WC1	2-Fluorophenol	150	32.7	22	*	30 (18)	130 (112)
		Phenol-d6	150	31.0	21	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	23.6	24	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	27.2	27	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	32.0	21	*	30 (10)	130 (116)
		Terphenyl-d14	100	26.0	26	*	30 (10)	130 (105)
Q1574-01DL	WC1DL	2-Fluorophenol	150	29.2	19	*	30 (18)	130 (112)
		Phenol-d6	150	26.8	18	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	22.1	22	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	26.3	26	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	26.6	18	*	30 (10)	130 (116)
		Terphenyl-d14	100	25.9	26	*	30 (10)	130 (105)
Q1585-01MS	OK-02-03142025MS	2-Fluorophenol	150	92.6	62		30 (18)	130 (112)
		Phenol-d6	150	87.6	58		30 (15)	130 (107)
		Nitrobenzene-d5	100	66.5	67		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.3	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	89.9	60		30 (10)	130 (116)
		Terphenyl-d14	100	62.8	63		30 (10)	130 (105)
Q1585-01MSD	OK-02-03142025MSD	2-Fluorophenol	150	97.1	65		30 (18)	130 (112)
		Phenol-d6	150	90.8	61		30 (15)	130 (107)
		Nitrobenzene-d5	100	69.9	70		30 (18)	130 (107)
		2-Fluorobiphenyl	100	74.6	75		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	95.2	63		30 (10)	130 (116)
		Terphenyl-d14	100	65.5	66		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1585-01MS		**Client Sample ID: OK-02-03142025MS**						**DataFile: BF141980.D**			
Benzaldehyde	1000	0	390	ug/Kg	39				20 (10)	160 (86)	
Phenol	1000	0	880	ug/Kg	88				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1000	0	930	ug/Kg	93				70 (54)	130 (125)	
2-Chlorophenol	1000	0	910	ug/Kg	91				70 (79)	130 (107)	
2-Methylphenol	1000	0	870	ug/Kg	87				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1000	0	840	ug/Kg	84				70 (65)	130 (110)	
Acetophenone	1000	0	1100	ug/Kg	110				70 (75)	130 (111)	
3+4-Methylphenols	1000	0	870	ug/Kg	87				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1000	0	850	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	1000	0	890	ug/Kg	89				20 (65)	160 (117)	
Nitrobenzene	1000	0	950	ug/Kg	95				70 (70)	130 (119)	
Isophorone	1000	0	970	ug/Kg	97				70 (76)	130 (122)	
2-Nitrophenol	1000	0	890	ug/Kg	89				70 (54)	130 (145)	
2,4-Dimethylphenol	1000	0	1100	ug/Kg	110				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1000	0	940	ug/Kg	94				70 (68)	130 (112)	
2,4-Dichlorophenol	1000	0	890	ug/Kg	89				70 (72)	130 (118)	
Naphthalene	1000	0	930	ug/Kg	93				70 (72)	130 (110)	
4-Chloroaniline	1000	0	330	ug/Kg	33	*			70 (10)	130 (91)	
Hexachlorobutadiene	1000	0	990	ug/Kg	99				70 (66)	130 (114)	
Caprolactam	1000	0	950	ug/Kg	95				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1000	0	810	ug/Kg	81				70 (57)	130 (132)	
2-Methylnaphthalene	1000	0	860	ug/Kg	86				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2100	0	1300	ug/Kg	62				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1000	0	960	ug/Kg	96				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1000	0	970	ug/Kg	97				70 (72)	130 (117)	
1,1-Biphenyl	1000	0	1100	ug/Kg	110				70 (75)	130 (113)	
2-Chloronaphthalene	1000	0	970	ug/Kg	97				70 (67)	130 (118)	
2-Nitroaniline	1000	0	980	ug/Kg	98				70 (69)	130 (127)	
Dimethylphthalate	1000	0	990	ug/Kg	99				70 (70)	130 (113)	
Acenaphthylene	1000	150	1100	ug/Kg	95				70 (79)	130 (118)	
2,6-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (70)	130 (125)	
3-Nitroaniline	1000	0	800	ug/Kg	80				70 (30)	130 (99)	
Acenaphthene	1000	120	980	ug/Kg	86				70 (70)	130 (121)	
2,4-Dinitrophenol	2100	0	580	ug/Kg	28				20 (10)	160 (155)	
4-Nitrophenol	2100	0	2100	ug/Kg	100				20 (45)	160 (133)	
Dibenzofuran	1000	0	950	ug/Kg	95				70 (72)	130 (110)	
2,4-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (55)	130 (128)	
Diethylphthalate	1000	0	940	ug/Kg	94				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1000	0	920	ug/Kg	92				70 (71)	130 (108)	
Fluorene	1000	200	1100	ug/Kg	90				70 (68)	130 (116)	
4-Nitroaniline	1000	0	850	ug/Kg	85				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1000	0	230	ug/Kg	23	*			70 (10)	130 (160)	
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1000	0	900	ug/Kg	90				70 (65)	130 (121)	
Hexachlorobenzene	1000	0	910	ug/Kg	91				70 (67)	130 (118)	
Atrazine	1000	0	1200	ug/Kg	120				70 (79)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2100	0	1900	ug/Kg	90				20 (47)	160 (128)	
Phenanthrene	1000	1100	1700	ug/Kg	60	*			70 (52)	130 (128)	
Anthracene	1000	280	1100	ug/Kg	82				70 (62)	130 (124)	
Carbazole	1000	140	1100	ug/Kg	96				70 (59)	130 (119)	
Di-n-butylphthalate	1000	0	940	ug/Kg	94				70 (69)	130 (118)	
Fluoranthene	1000	1300	1800	ug/Kg	50	*			70 (44)	130 (125)	
Pyrene	1000	790	1500	ug/Kg	71				70 (26)	130 (142)	
Butylbenzylphthalate	1000	0	910	ug/Kg	91				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1000	0	890	ug/Kg	89				70 (33)	130 (116)	
Benzo(a)anthracene	1000	630	1300	ug/Kg	67	*			70 (71)	130 (114)	
Chrysene	1000	630	1300	ug/Kg	67	*			70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1000	91.3	930	ug/Kg	84				70 (42)	130 (169)	
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100				70 (23)	130 (175)	
Benzo(b)fluoranthene	1000	640	1400	ug/Kg	76				70 (67)	130 (121)	
Benzo(k)fluoranthene	1000	310	990	ug/Kg	68	*			70 (57)	130 (134)	
Benzo(a)pyrene	1000	570	1300	ug/Kg	73				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1000	240	1000	ug/Kg	76				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1000	0	880	ug/Kg	88				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1000	310	1000	ug/Kg	69	*			70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1000	0	1100	ug/Kg	110				70 (69)	130 (124)	
1,4-Dioxane	1000	0	970	ug/Kg	97				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1000	0	880	ug/Kg	88				70 (69)	130 (112)	

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q1585-01MSD		**Client Sample ID: OK-02-03142025MSD**						**DataFile:**	**BF141981.D**		
Benzaldehyde	1000	0	400	ug/Kg	40		3		20 (10)	160 (86)	30 (20)
Phenol	1000	0	930	ug/Kg	93		6		20 (67)	160 (126)	30 (20)
bis(2-Chloroethyl)ether	1000	0	960	ug/Kg	96		3		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1000	0	940	ug/Kg	94		3		70 (79)	130 (107)	30 (20)
2-Methylphenol	1000	0	900	ug/Kg	90		3		70 (66)	130 (122)	30 (20)
2,2-oxybis(1-Chloropropane)	1000	0	870	ug/Kg	87		4		70 (65)	130 (110)	30 (20)
Acetophenone	1000	0	1100	ug/Kg	110		0		70 (75)	130 (111)	30 (20)
3+4-Methylphenols	1000	0	910	ug/Kg	91		4		20 (66)	160 (104)	30 (20)
N-Nitroso-di-n-propylamine	1000	0	860	ug/Kg	86		1		70 (59)	130 (119)	30 (20)
Hexachloroethane	1000	0	890	ug/Kg	89		0		20 (65)	160 (117)	30 (20)
Nitrobenzene	1000	0	1000	ug/Kg	100		5		70 (70)	130 (119)	30 (20)
Isophorone	1000	0	1000	ug/Kg	100		3		70 (76)	130 (122)	30 (20)
2-Nitrophenol	1000	0	910	ug/Kg	91		2		70 (54)	130 (145)	30 (20)
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120		9		70 (44)	130 (135)	30 (20)
bis(2-Chloroethoxy)methane	1000	0	980	ug/Kg	98		4		70 (68)	130 (112)	30 (20)
2,4-Dichlorophenol	1000	0	940	ug/Kg	94		5		70 (72)	130 (118)	30 (20)
Naphthalene	1000	0	980	ug/Kg	98		5		70 (72)	130 (110)	30 (20)
4-Chloroaniline	1000	0	460	ug/Kg	46	*	33	*	70 (10)	130 (91)	30 (20)
Hexachlorobutadiene	1000	0	1000	ug/Kg	100		1		70 (66)	130 (114)	30 (20)
Caprolactam	1000	0	1000	ug/Kg	100		5		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1000	0	860	ug/Kg	86		6		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1000	0	900	ug/Kg	90		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2100	0	900	ug/Kg	43		36	*	20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1000	0	980	ug/Kg	98		2		70 (72)	130 (117)	30 (20)
2,4,5-Trichlorophenol	1000	0	990	ug/Kg	99		2		70 (72)	130 (117)	30 (20)
1,1-Biphenyl	1000	0	1200	ug/Kg	120		9		70 (75)	130 (113)	30 (20)
2-Chloronaphthalene	1000	0	1000	ug/Kg	100		3		70 (67)	130 (118)	30 (20)
2-Nitroaniline	1000	0	1000	ug/Kg	100		2		70 (69)	130 (127)	30 (20)
Dimethylphthalate	1000	0	1000	ug/Kg	100		1		70 (70)	130 (113)	30 (20)
Acenaphthylene	1000	150	1100	ug/Kg	95		0		70 (79)	130 (118)	30 (20)
2,6-Dinitrotoluene	1000	0	960	ug/Kg	96		4		70 (70)	130 (125)	30 (20)
3-Nitroaniline	1000	0	880	ug/Kg	88		10		70 (30)	130 (99)	30 (20)
Acenaphthene	1000	120	1000	ug/Kg	88		2		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2100	0	470	ug/Kg	22		24		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2100	0	2200	ug/Kg	105		5		20 (45)	160 (133)	30 (20)
Dibenzofuran	1000	0	990	ug/Kg	99		4		70 (72)	130 (110)	30 (20)
2,4-Dinitrotoluene	1000	0	960	ug/Kg	96		4		70 (55)	130 (128)	30 (20)
Diethylphthalate	1000	0	960	ug/Kg	96		2		70 (70)	130 (112)	30 (20)
4-Chlorophenyl-phenylether	1000	0	950	ug/Kg	95		3		70 (71)	130 (108)	30 (20)
Fluorene	1000	200	1100	ug/Kg	90		0		70 (68)	130 (116)	30 (20)
4-Nitroaniline	1000	0	940	ug/Kg	94		10		70 (55)	130 (120)	30 (20)
4,6-Dinitro-2-methylphenol	1000	0	160	ug/Kg	16	*	36	*	70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1000	0	990	ug/Kg	99		4		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1000	0	930	ug/Kg	93		3		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1000	0	960	ug/Kg	96		5		70 (67)	130 (118)	30 (20)
Atrazine	1000	0	1300	ug/Kg	130		8		70 (79)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2100	0	2000	ug/Kg	95		5		20 (47)	160 (128)	30 (20)
Phenanthrene	1000	1100	1800	ug/Kg	70		15		70 (52)	130 (128)	30 (20)
Anthracene	1000	280	1200	ug/Kg	92		11		70 (62)	130 (124)	30 (20)
Carbazole	1000	140	1100	ug/Kg	96		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1000	0	990	ug/Kg	99		5		70 (69)	130 (118)	30 (20)
Fluoranthene	1000	1300	1900	ug/Kg	60	*	18		70 (44)	130 (125)	30 (20)
Pyrene	1000	790	1600	ug/Kg	81		13		70 (26)	130 (142)	30 (20)
Butylbenzylphthalate	1000	0	970	ug/Kg	97		6		70 (64)	130 (126)	30 (20)
3,3-Dichlorobenzidine	1000	0	980	ug/Kg	98		10		70 (33)	130 (116)	30 (20)
Benzo(a)anthracene	1000	630	1400	ug/Kg	77		14		70 (71)	130 (114)	30 (20)
Chrysene	1000	630	1400	ug/Kg	77		14		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1000	91.3	990	ug/Kg	90		7		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100		0		70 (23)	130 (175)	30 (20)
Benzo(b)fluoranthene	1000	640	1400	ug/Kg	76		0		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	1000	310	1100	ug/Kg	79		15		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1000	570	1400	ug/Kg	83		13		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1000	240	1100	ug/Kg	86		12		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1000	0	930	ug/Kg	93		6		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1000	310	1100	ug/Kg	79		14		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1000	0	1200	ug/Kg	120		9		70 (69)	130 (124)	30 (20)
1,4-Dioxane	1000	0	1000	ug/Kg	100		3		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1000	0	940	ug/Kg	94		7		70 (69)	130 (112)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167157BS	Benzaldehyde	1700	720	ug/Kg	42				20 (10)	160 (133)	
	Phenol	1700	1600	ug/Kg	94				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1600	ug/Kg	94				70 (65)	130 (112)	
	2-Methylphenol	1700	1600	ug/Kg	94				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1600	ug/Kg	94				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	830	ug/Kg	49		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (53)	130 (98)	
	Caprolactam	1700	1800	ug/Kg	106				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164		*		20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				70 (61)	130 (104)	
	3-Nitroaniline	1700	1000	ug/Kg	59		*		70 (28)	130 (100)	
	Acenaphthene	1700	1500	ug/Kg	88				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				20 (37)	160 (128)	
	4-Nitrophenol	3300	3600	ug/Kg	109				20 (48)	160 (119)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167157BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	2500	ug/Kg	147		*		70 (47)	130 (152)	
	Pentachlorophenol	3300	3400	ug/Kg	103				20 (67)	160 (105)	
	Phenanthrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Anthracene	1700	1600	ug/Kg	94				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1500	ug/Kg	88				70 (57)	130 (107)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1500	ug/Kg	88				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1400	ug/Kg	82				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (59)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167157BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BP024180.D Lab Sample ID: PB167157BL

Instrument ID: BNA_P Date Extracted: 03/17/2025

Matrix: (soil/water) SOIL Date Analyzed: 03/18/2025

Level: (low/med) LOW Time Analyzed: 10:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167157BS	PB167157BS	BP024181.D	03/18/2025
WC1	Q1574-01	BF141982.D	03/17/2025
OK-02-03142025MS	Q1585-01MS	BF141980.D	03/17/2025
OK-02-03142025MSD	Q1585-01MSD	BF141981.D	03/17/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BF141896.D DFTPP Injection Date: 03/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.1
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	32.0
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	44.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	19.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF141897.D	03/10/2025	11:01
SSTDICC005	SSTDICC005	BF141898.D	03/10/2025	11:30
SSTDICC010	SSTDICC010	BF141899.D	03/10/2025	12:00
SSTDICC020	SSTDICC020	BF141900.D	03/10/2025	12:29
SSTDICCC040	SSTDICCC040	BF141901.D	03/10/2025	12:58
SSTDICC060	SSTDICC060	BF141903.D	03/10/2025	13:57
SSTDICC080	SSTDICC080	BF141904.D	03/10/2025	14:27
SSTDICC050	SSTDICC050	BF141905.D	03/10/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BF141972.D DFTPP Injection Date: 03/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.0
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.0
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	17.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141973.D	03/17/2025	09:39
OK-02-03142025MS	Q1585-01MS	BF141980.D	03/17/2025	14:30
OK-02-03142025MSD	Q1585-01MSD	BF141981.D	03/17/2025	15:00
WC1	Q1574-01	BF141982.D	03/17/2025	15:29
WC1DL	Q1574-01DL	BF141984.D	03/17/2025	17:00

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BP024159.D DFTPP Injection Date: 03/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 15:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	18.4 (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	BP024160.D	03/12/2025	16:17
SSTDICC005	SSTDICC005	BP024161.D	03/12/2025	16:57
SSTDICC010	SSTDICC010	BP024162.D	03/12/2025	17:38
SSTDICC020	SSTDICC020	BP024163.D	03/12/2025	18:19
SSTDICCC040	SSTDICCC040	BP024164.D	03/12/2025	19:00
SSTDICC050	SSTDICC050	BP024165.D	03/12/2025	19:41
SSTDICC060	SSTDICC060	BP024166.D	03/12/2025	20:21
SSTDICC080	SSTDICC080	BP024167.D	03/12/2025	21:02

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BP024178.D DFTPP Injection Date: 03/18/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.0
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	100.0
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	14.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.8(19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024179.D	03/18/2025	09:46
PB167157BL	PB167157BL	BP024180.D	03/18/2025	10:26
PB167157BS	PB167157BS	BP024181.D	03/18/2025	11:07

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/17/2025

Lab File ID: BF141973.D Time Analyzed: 09:39

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	158789	6.881	576888	8.16	299010	9.92
	UPPER LIMIT	317578	7.381	1153780	8.663	598020	10.416
	LOWER LIMIT	79394.5	6.381	288444	7.663	149505	9.416
	EPA SAMPLE NO.						
01	OK-02-03142025MS	138986	6.88	493410	8.16	238972	9.92
02	WC1	134820	6.88	482604	8.16	242342	9.92
03	WC1DL	122353	6.88	436760	8.16	216464	9.92
04	OK-02-03142025MSD	122962	6.88	428074	8.16	210222	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/17/2025

Lab File ID: BF141973.D Time Analyzed: 09:39

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	485045	11.398	344713	14.039	406777	15.515
	UPPER LIMIT	970090	11.898	689426	14.539	813554	16.015
	LOWER LIMIT	242523	10.898	172357	13.539	203389	15.015
	EPA SAMPLE NO.						
01	OK-02-03142025MS	402192	11.40	316750	14.05	247894	15.52
02	WC1	413517	11.40	298547	14.05	246126	15.57
03	WC1DL	380298	11.40	298468	14.04	224847	15.53
04	OK-02-03142025MSD	360568	11.40	282638	14.05	213270	15.52

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	345886	7.769	1431680	10.55	884889	14.40
	UPPER LIMIT	691772	8.269	2863360	11.046	1769780	14.898
	LOWER LIMIT	172943	7.269	715840	10.046	442445	13.898
	EPA SAMPLE NO.						
01	PB167157BL	334055	7.77	1336340	10.55	814855	14.40
02	PB167157BS	330651	7.77	1324490	10.55	810278	14.40

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1703420	17.21	1890510	21.663	2037050	25.068
	UPPER LIMIT	3406840	17.71	3781020	22.163	4074100	25.568
	LOWER LIMIT	851710	16.71	945255	21.163	1018530	24.568
	EPA SAMPLE NO.						
01	PB167157BL	1550470	17.20	1479760	21.66	1571340	25.05
02	PB167157BS	1519990	17.21	1650500	21.67	1679150	25.06

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: **BP024180.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BL			SDG No.:	Q1574
Lab Sample ID:	PB167157BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP024180.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BL			SDG No.:	Q1574
Lab Sample ID:	PB167157BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP024180.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BL			SDG No.:	Q1574
Lab Sample ID:	PB167157BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	151		30 (18) - 130 (112)	101%	SPK: 150
13127-88-3	Phenol-d6	144		30 (15) - 130 (107)	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.9		30 (18) - 130 (107)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		30 (20) - 130 (109)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		30 (10) - 130 (116)	97%	SPK: 150
1718-51-0	Terphenyl-d14	110		30 (10) - 130 (105)	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.769			
1146-65-2	Naphthalene-d8	1340000	10.545			
15067-26-2	Acenaphthene-d10	815000	14.404			
1517-22-2	Phenanthrene-d10	1550000	17.204			
1719-03-5	Chrysene-d12	1480000	21.663			
1520-96-3	Perylene-d12	1570000	25.051			

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: **BP024181.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BS			SDG No.:	Q1574
Lab Sample ID:	PB167157BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		160	330	ug/Kg
108-95-2	Phenol	1600		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1600		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	830		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1800		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BP024181.D**

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

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BS			SDG No.:	Q1574
Lab Sample ID:	PB167157BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1000		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	2500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Raw Data: **BP024181.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave L			Date Received:	
Client Sample ID:	PB167157BS			SDG No.:	Q1574
Lab Sample ID:	PB167157BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	156		30 (18) - 130 (112)	104%	SPK: 150
13127-88-3	Phenol-d6	148		30 (15) - 130 (107)	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.5		30 (18) - 130 (107)	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		30 (20) - 130 (109)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		30 (10) - 130 (116)	102%	SPK: 150
1718-51-0	Terphenyl-d14	102		30 (10) - 130 (105)	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	331000	7.769			
1146-65-2	Naphthalene-d8	1320000	10.552			
15067-26-2	Acenaphthene-d10	810000	14.404			
1517-22-2	Phenanthrene-d10	1520000	17.21			
1719-03-5	Chrysene-d12	1650000	21.669			
1520-96-3	Perylene-d12	1680000	25.057			

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: **BF141980.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	J	190	410	ug/Kg
108-95-2	Phenol	880		27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		30.0	210	ug/Kg
95-57-8	2-Chlorophenol	910		30.1	210	ug/Kg
95-48-7	2-Methylphenol	870		36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		46.3	210	ug/Kg
98-86-2	Acetophenone	1100		36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	870		50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	850		58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	890		21.7	210	ug/Kg
98-95-3	Nitrobenzene	950		22.6	210	ug/Kg
78-59-1	Isophorone	970		40.5	210	ug/Kg
88-75-5	2-Nitrophenol	890		71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		80.0	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	890		34.9	210	ug/Kg
91-20-3	Naphthalene	930		28.0	210	ug/Kg
106-47-8	4-Chloroaniline	330		43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	990		31.2	210	ug/Kg
105-60-2	Caprolactam	950		64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	860		31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	1100		26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	970		27.8	210	ug/Kg
88-74-4	2-Nitroaniline	980		59.4	210	ug/Kg
131-11-3	Dimethylphthalate	990		33.5	210	ug/Kg

Raw Data: **BF141980.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		35.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		41.5	210	ug/Kg
99-09-2	3-Nitroaniline	800		56.8	210	ug/Kg
83-32-9	Acenaphthene	980		26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	580		280	410	ug/Kg
100-02-7	4-Nitrophenol	2100		130	410	ug/Kg
132-64-9	Dibenzofuran	950		28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		61.8	210	ug/Kg
84-66-2	Diethylphthalate	940		34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		33.0	210	ug/Kg
86-73-7	Fluorene	1100		31.2	210	ug/Kg
100-01-6	4-Nitroaniline	850		79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900		34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	910		31.2	210	ug/Kg
1912-24-9	Atrazine	1200		42.0	210	ug/Kg
87-86-5	Pentachlorophenol	1900		63.3	410	ug/Kg
85-01-8	Phenanthrene	1700		25.8	210	ug/Kg
120-12-7	Anthracene	1100		41.1	210	ug/Kg
86-74-8	Carbazole	1100		38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	940		59.1	210	ug/Kg
206-44-0	Fluoranthene	1800		37.0	210	ug/Kg
129-00-0	Pyrene	1500		44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	910		88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		28.4	210	ug/Kg
218-01-9	Chrysene	1300		24.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		73.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		23.5	210	ug/Kg

Raw Data: **BF141980.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	990		27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		31.6	210	ug/Kg
123-91-1	1,4-Dioxane	970		55.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.6		30 (18) - 130 (112)	62%	SPK: 150
13127-88-3	Phenol-d6	87.6		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.5		30 (18) - 130 (107)	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.9		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	62.8		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	139000	6.881			
1146-65-2	Naphthalene-d8	493000	8.163			
15067-26-2	Acenaphthene-d10	239000	9.916			
1517-22-2	Phenanthrene-d10	402000	11.404			
1719-03-5	Chrysene-d12	317000	14.045			
1520-96-3	Perylene-d12	248000	15.521			

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: **BF141981.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	400	J	190	410	ug/Kg
108-95-2	Phenol	930		27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		30.0	210	ug/Kg
95-57-8	2-Chlorophenol	940		30.1	210	ug/Kg
95-48-7	2-Methylphenol	900		36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		46.3	210	ug/Kg
98-86-2	Acetophenone	1100		36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	910		50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	860		58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	890		21.7	210	ug/Kg
98-95-3	Nitrobenzene	1000		22.6	210	ug/Kg
78-59-1	Isophorone	1000		40.5	210	ug/Kg
88-75-5	2-Nitrophenol	910		71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		80.0	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	940		34.9	210	ug/Kg
91-20-3	Naphthalene	980		28.0	210	ug/Kg
106-47-8	4-Chloroaniline	460		43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	1000		31.2	210	ug/Kg
105-60-2	Caprolactam	1000		64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	900		31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900		140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	1200		26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	1000		27.8	210	ug/Kg
88-74-4	2-Nitroaniline	1000		59.3	210	ug/Kg
131-11-3	Dimethylphthalate	1000		33.4	210	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		35.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		41.5	210	ug/Kg
99-09-2	3-Nitroaniline	880		56.8	210	ug/Kg
83-32-9	Acenaphthene	1000		26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	470		280	410	ug/Kg
100-02-7	4-Nitrophenol	2200		130	410	ug/Kg
132-64-9	Dibenzofuran	990		28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		61.8	210	ug/Kg
84-66-2	Diethylphthalate	960		34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		32.9	210	ug/Kg
86-73-7	Fluorene	1100		31.2	210	ug/Kg
100-01-6	4-Nitroaniline	940		79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	J	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930		34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	960		31.2	210	ug/Kg
1912-24-9	Atrazine	1300		42.0	210	ug/Kg
87-86-5	Pentachlorophenol	2000		63.3	410	ug/Kg
85-01-8	Phenanthrene	1800		25.8	210	ug/Kg
120-12-7	Anthracene	1200		41.1	210	ug/Kg
86-74-8	Carbazole	1100		38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	990		59.1	210	ug/Kg
206-44-0	Fluoranthene	1900		37.0	210	ug/Kg
129-00-0	Pyrene	1600		44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	970		88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	980		45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		28.4	210	ug/Kg
218-01-9	Chrysene	1400		24.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990		73.0	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		23.4	210	ug/Kg

Raw Data: **BF141981.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		31.6	210	ug/Kg
123-91-1	1,4-Dioxane	1000		55.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.1		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	90.8		30 (15) - 130 (107)	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.9		30 (18) - 130 (107)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.6		30 (20) - 130 (109)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.2		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	65.5		30 (10) - 130 (105)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.881			
1146-65-2	Naphthalene-d8	428000	8.163			
15067-26-2	Acenaphthene-d10	210000	9.916			
1517-22-2	Phenanthrene-d10	361000	11.404			
1719-03-5	Chrysene-d12	283000	14.045			
1520-96-3	Perylene-d12	213000	15.521			

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141897.D 5 =BF141898.D 10 =BF141899.D 20 =BF141900.D 40 =BF141901.D 50 =BF141905.D 60 =BF141903.D 80 =BF1419
04.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.490	0.482	0.536	0.504	0.495	0.501	0.508	0.502	3.43
3)		Pyridine		1.217	1.204	1.334	1.221	1.203	1.209	1.233	1.232	3.77
4)		n-Nitrosodimet...		0.554	0.556	0.621	0.583	0.595	0.594	0.607	0.587	4.26
5)	S	2-Fluorophenol		1.267	1.243	1.298	1.148	1.162	1.146	1.124	1.198	5.79
6)		Aniline		1.599	1.602	1.640	1.465	1.443	1.435	1.351	1.505	7.20
7)	S	Phenol-d6		1.623	1.593	1.644	1.442	1.483	1.471	1.424	1.526	5.99
8)		2-Chlorophenol		1.421	1.354	1.434	1.259	1.295	1.284	1.256	1.329	5.63
9)		Benzaldehyde			1.021	0.975	0.778	0.778	0.716		0.853	15.85
10)	C	Phenol		1.708	1.675	1.747	1.536	1.542	1.532	1.496	1.605	6.30
11)		bis(2-Chloroet...		1.287	1.246	1.281	1.144	1.175	1.176	1.127	1.205	5.43
12)		1,3-Dichlorobe...		1.475	1.489	1.538	1.373	1.401	1.401	1.367	1.435	4.59
13)	C	1,4-Dichlorobe...		1.514	1.503	1.548	1.393	1.408	1.420	1.376	1.452	4.71
14)		1,2-Dichlorobe...		1.461	1.417	1.460	1.303	1.315	1.343	1.273	1.367	5.69
15)		Benzyl Alcohol		1.236	1.252	1.322	1.185	1.214	1.246	1.180	1.233	3.91
16)		2,2'-oxybis(1-...		1.591	1.525	1.534	1.363	1.387	1.472	1.313	1.455	7.07
17)		2-Methylphenol		1.080	1.050	1.122	1.008	1.038	1.079	1.021	1.057	3.73
18)		Hexachloroethane		0.545	0.551	0.576	0.517	0.540	0.560	0.522	0.544	3.76
19)	P	n-Nitroso-di-n...	1.020	1.024	1.000	1.043	0.913	0.940	0.991	0.912	0.980	5.29
20)		3+4-Methylphenols		1.449	1.394	1.470	1.294	1.311	1.334	1.223	1.354	6.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.514	0.493	0.513	0.460	0.450	0.469	0.453	0.479	5.76
23)	S	Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.344	0.363	0.353	0.355	3.47
24)		Nitrobenzene		0.347	0.351	0.375	0.346	0.343	0.359	0.352	0.353	3.07
25)		Isophorone		0.647	0.620	0.655	0.600	0.605	0.648	0.622	0.628	3.49
26)	C	2-Nitrophenol		0.150	0.159	0.182	0.175	0.179	0.188	0.181	0.173	7.88
27)		2,4-Dimethylph...		0.247	0.234	0.251	0.231	0.233	0.244	0.232	0.239	3.45
28)		bis(2-Chloroet...		0.411	0.406	0.416	0.372	0.377	0.397	0.378	0.394	4.63
29)	C	2,4-Dichloroph...		0.292	0.295	0.309	0.286	0.295	0.303	0.294	0.296	2.54
30)		1,2,4-Trichlor...		0.337	0.325	0.342	0.310	0.318	0.333	0.322	0.327	3.50
31)		Naphthalene		1.104	1.075	1.101	0.984	1.001	0.973	0.954	1.027	6.22
32)		Benzoic acid			0.149	0.191	0.208	0.228	0.242	0.241	0.210	17.07
33)		4-Chloroaniline		0.383	0.378	0.393	0.351	0.354	0.352	0.329	0.363	6.14
34)	C	Hexachlorobuta...		0.211	0.211	0.221	0.203	0.214	0.214	0.216	0.213	2.52
35)		Caprolactam		0.092	0.089	0.094	0.084	0.088	0.090	0.094	0.090	4.00
36)	C	4-Chloro-3-met...		0.334	0.331	0.349	0.318	0.329	0.334	0.320	0.331	3.13
37)		2-Methylnaphth...		0.746	0.709	0.733	0.653	0.655	0.667	0.645	0.687	6.09
38)		1-Methylnaphth...		0.717	0.691	0.721	0.623	0.619	0.647	0.620	0.663	6.95

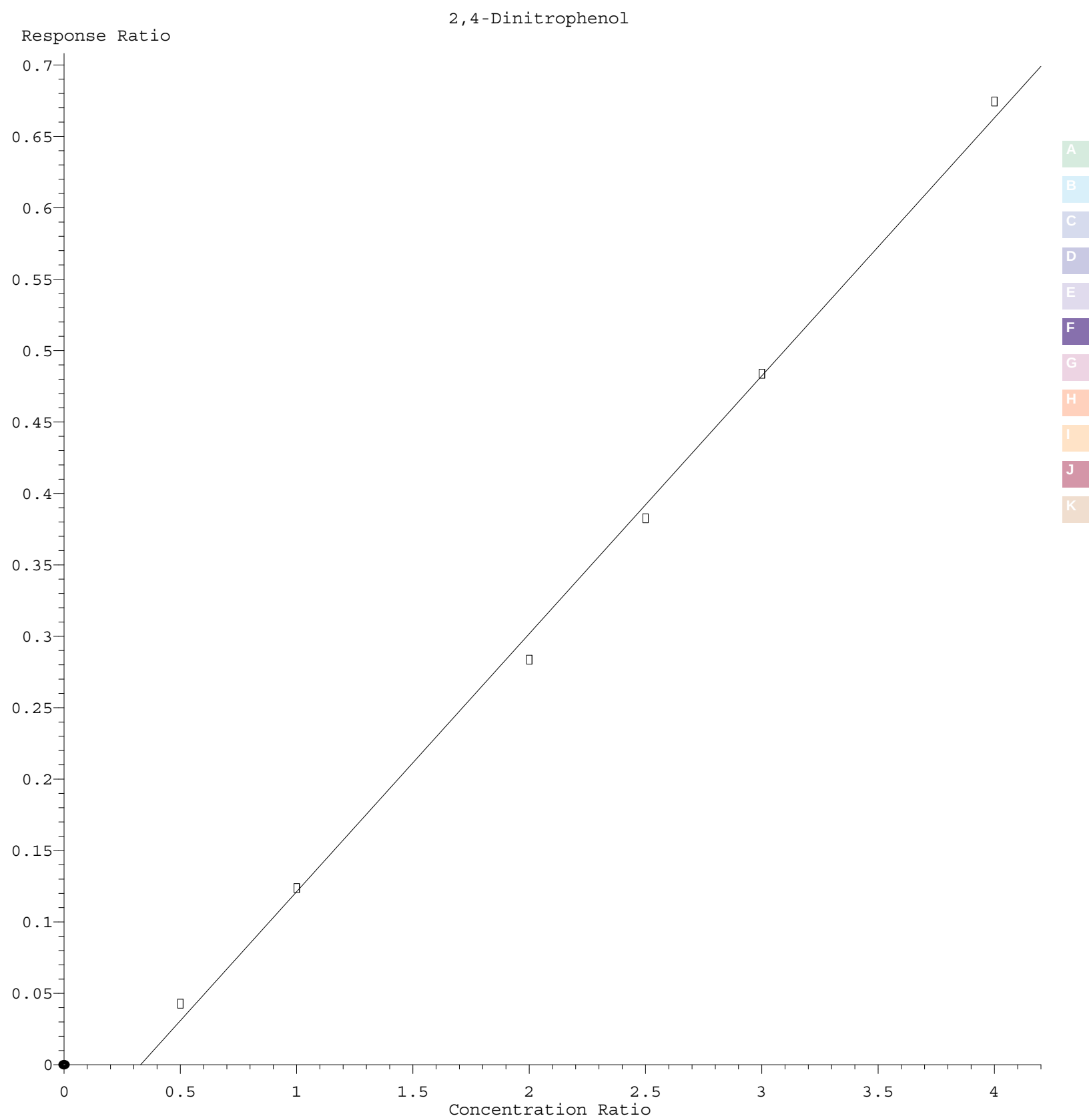
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.615	0.604	0.626	0.592	0.597	0.606	0.623	0.609	2.11
41)	P	Hexachlorocycl...	0.204	0.221	0.249	0.250	0.237	0.252	0.256	0.238	8.03
42)	S	2,4,6-Tribromo...	0.234	0.236	0.259	0.250	0.259	0.265	0.272	0.254	5.67
43)	C	2,4,6-Trichlor...	0.388	0.389	0.402	0.398	0.400	0.401	0.409	0.398	1.91
44)		2,4,5-Trichlor...	0.396	0.391	0.422	0.389	0.400	0.415	0.407	0.403	3.05
45)	S	2-Fluorobiphenyl	1.430	1.379	1.379	1.254	1.272	1.246	1.246	1.315	5.95
46)		1,1'-Biphenyl	1.636	1.573	1.591	1.454	1.502	1.431	1.450	1.520	5.29
47)		2-Chloronaphth...	1.197	1.141	1.181	1.091	1.129	1.090	1.100	1.133	3.82
48)		2-Nitroaniline	0.296	0.314	0.346	0.322	0.356	0.332	0.330	0.328	6.08
49)		Acenaphthylene	1.765	1.740	1.778	1.635	1.664	1.595	1.589	1.681	4.74
50)		Dimethylphthalate	1.481	1.414	1.469	1.329	1.425	1.345	1.341	1.401	4.47
51)		2,6-Dinitrotol...	0.277	0.279	0.305	0.285	0.307	0.296	0.292	0.292	4.11
52)	C	Acenaphthene	1.236	1.195	1.231	1.146	1.144	1.165	1.152	1.181	3.37
53)		3-Nitroaniline	0.291	0.295	0.316	0.293	0.283	0.301	0.291	0.296	3.61
54)	P	2,4-Dinitrophenol		0.085	0.124	0.142	0.153	0.161	0.169	0.139	22.02
55)		Dibenzofuran	1.849	1.787	1.791	1.614	1.607	1.596	1.570	1.688	6.87
56)	P	4-Nitrophenol	0.192	0.216	0.234	0.230	0.229	0.230	0.230	0.223	6.60
57)		2,4-Dinitrotol...	0.365	0.382	0.402	0.375	0.383	0.383	0.376	0.381	2.95
58)		Fluorene	1.443	1.361	1.381	1.229	1.243	1.234	1.220	1.302	7.01
59)		2,3,4,6-Tetrac...	0.355	0.365	0.390	0.359	0.364	0.366	0.369	0.367	3.05
60)		Diethylphthalate	1.475	1.471	1.497	1.336	1.357	1.338	1.302	1.397	5.80
61)		4-Chlorophenyl...	0.730	0.688	0.702	0.643	0.664	0.656	0.667	0.679	4.41
62)		4-Nitroaniline	0.284	0.288	0.304	0.288	0.287	0.286	0.278	0.288	2.73
63)		Azobenzene	1.392	1.363	1.404	1.245	1.261	1.226	1.197	1.298	6.57
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.083	0.111	0.121	0.130	0.133	0.137	0.119	16.61
66)	c	n-Nitrosodiphe...	0.675	0.651	0.671	0.620	0.638	0.638	0.637	0.647	3.03
67)		4-Bromophenyl-...	0.240	0.249	0.255	0.244	0.263	0.245	0.262	0.251	3.55
68)		Hexachlorobenzene	0.262	0.267	0.284	0.269	0.283	0.271	0.292	0.275	3.92
69)		Atrazine	0.216	0.213	0.193	0.164	0.206			0.198	10.72
70)	C	Pentachlorophenol	0.130	0.151	0.172	0.177	0.180	0.186	0.191	0.170	12.66
71)		Phenanthrene	1.155	1.151	1.138	1.038	1.026	1.032	1.023	1.080	5.90
72)		Anthracene	1.173	1.139	1.139	1.046	1.026	1.036	1.026	1.084	5.89
73)		Carbazole	0.996	0.994	0.985	0.908	0.903	0.892	0.864	0.935	5.91
74)		Di-n-butylphth...	1.320	1.321	1.319	1.177	1.238	1.175	1.132	1.240	6.50
75)	C	Fluoranthene	1.234	1.226	1.228	1.108	1.148	1.059	1.017	1.146	7.66
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.347	0.309	0.190	0.360	0.220	0.275	0.252	0.279	22.73
78)		Pyrene	1.695	1.651	1.727	1.611	1.877	1.823	1.726	1.730	5.38
79)	S	Terphenyl-d14	1.343	1.309	1.360	1.276	1.380	1.417	1.384	1.353	3.56
80)		Butylbenzylpht...	0.629	0.656	0.702	0.655	0.703	0.717	0.677	0.677	4.72
81)		Benzo(a)anthra...	1.370	1.304	1.334	1.273	1.294	1.317	1.294	1.312	2.41
82)		3,3'-Dichlorob...	0.370	0.389	0.380	0.372	0.365	0.394	0.384	0.379	2.78
83)		Chrysene	1.143	1.194	1.260	1.136	1.192	1.213	1.189	1.190	3.53
84)		Bis(2-ethylhex...	0.897	0.912	0.966	0.904	0.978	0.952	0.927	0.934	3.43
85)	c	Di-n-octyl pht...	1.145	1.219	1.338	1.265	1.376	1.390	1.361	1.299	7.10

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.097	1.142	1.308	1.287	1.322	1.472	1.429	1.294	10.60
88)		Benzo(b)fluora...	1.420	1.310	1.485	1.210	1.346	1.390	1.434	1.371	6.65
89)		Benzo(k)fluora...	1.162	1.268	1.197	1.205	1.129	1.210	1.041	1.173	6.16
90)	C	Benzo(a)pyrene	1.040	1.042	1.123	1.036	1.083	1.083	1.101	1.073	3.16
91)		Dibenzo(a,h)an...	0.910	0.953	1.073	1.068	1.095	1.195	1.178	1.067	9.91
92)		Benzo(g,h,i)pe...	0.912	0.949	1.061	1.065	1.064	1.167	1.167	1.055	9.24

(#) = Out of Range



Response = 1.805e-001 * Amt - 5.933e-002
Coef of Det (r^2) = 0.997436 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF031025.M
Calibration Table Last Updated: Mon Mar 10 15:46:22 2025

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024160.D 5 =BP024161.D 10 =BP024162.D 20 =BP024163.D 40 =BP024164.D 50 =BP024165.D 60 =BP024166.D 80 =BP0241
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.503	0.499	0.518	0.469	0.496	0.498	0.493	0.497	2.93
3)		Pyridine		1.296	1.269	1.406	1.311	1.396	1.398	1.429	1.358	4.69
4)		n-Nitrosodimet...		0.444	0.436	0.476	0.431	0.461	0.466	0.461	0.454	3.66
5)	S	2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.307	1.303	1.253	5.06
6)		Aniline		1.508	1.531	1.656	1.484	1.548	1.512	1.447	1.527	4.31
7)	S	Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.754	1.748	1.675	5.86
8)		2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.400	1.397	1.353	4.52
9)		Benzaldehyde		0.971	0.949	0.930	0.780	0.751	0.702	0.577	0.809	18.20
10)	C	Phenol		1.579	1.632	1.754	1.628	1.744	1.752	1.751	1.691	4.46
11)		bis(2-Chloroet...		1.286	1.317	1.407	1.273	1.341	1.358	1.356	1.334	3.45
12)		1,3-Dichlorobe...		1.466	1.448	1.522	1.387	1.477	1.471	1.445	1.459	2.79
13)	C	1,4-Dichlorobe...		1.507	1.474	1.562	1.413	1.493	1.503	1.479	1.490	3.01
14)		1,2-Dichlorobe...		1.446	1.426	1.494	1.358	1.435	1.440	1.411	1.430	2.85
15)		Benzyl Alcohol		0.934	0.966	1.096	1.042	1.122	1.126	1.139	1.061	7.77
16)		2,2'-oxybis(1-...		1.374	1.367	1.434	1.293	1.365	1.362	1.336	1.361	3.11
17)		2-Methylphenol		0.932	0.997	1.120	1.038	1.116	1.113	1.109	1.061	6.96
18)		Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.538	0.529	0.529	2.67
19)	P	n-Nitroso-di-n...	0.869	0.910	0.956	1.048	0.962	1.026	1.007	0.997	0.972	6.18
20)		3+4-Methylphenols		1.265	1.360	1.530	1.433	1.547	1.530	1.534	1.457	7.50
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.490	0.531	0.496	0.508	0.519	0.512	0.506	3.37
23)	S	Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.368	0.367	0.354	4.34
24)		Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.363	0.361	0.350	3.88
25)		Isophorone		0.532	0.562	0.631	0.602	0.635	0.642	0.649	0.608	7.33
26)	C	2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.189	0.192	0.167	14.92
27)		2,4-Dimethylph...		0.186	0.198	0.220	0.215	0.223	0.229	0.232	0.215	7.94
28)		bis(2-Chloroet...		0.414	0.418	0.438	0.418	0.429	0.437	0.439	0.427	2.55
29)	C	2,4-Dichloroph...		0.237	0.263	0.298	0.296	0.306	0.314	0.319	0.291	10.21
30)		1,2,4-Trichlor...		0.310	0.312	0.329	0.312	0.322	0.331	0.331	0.321	2.94
31)		Naphthalene		1.041	1.037	1.099	1.029	1.069	1.078	1.069	1.060	2.38
32)		Benzoic acid			0.148	0.190	0.218	0.239	0.252		0.209	19.82
33)		4-Chloroaniline		0.344	0.356	0.397	0.377	0.394	0.389	0.398	0.379	5.63
34)	C	Hexachlorobuta...		0.177	0.178	0.187	0.180	0.187	0.192	0.191	0.185	3.36
35)		Caprolactam		0.072	0.079	0.097	0.097	0.107	0.104	0.111	0.095	15.56
36)	C	4-Chloro-3-met...		0.261	0.283	0.324	0.314	0.333	0.332	0.348	0.313	9.83
37)		2-Methylnaphth...		0.689	0.684	0.737	0.704	0.731	0.734	0.735	0.716	3.27
38)		1-Methylnaphth...		0.674	0.673	0.728	0.673	0.704	0.705	0.720	0.697	3.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.548	0.560	0.596	0.558	0.580	0.608	0.596	0.578	3.98
41)	P	Hexachlorocycl...	0.169	0.189	0.214	0.212	0.220	0.234	0.222	0.208	10.65
42)	S	2,4,6-Tribromo...	0.203	0.222	0.256	0.252	0.270	0.275	0.285	0.252	11.69
43)	C	2,4,6-Trichlor...	0.291	0.324	0.379	0.372	0.391	0.409	0.406	0.367	11.98
44)		2,4,5-Trichlor...	0.331	0.362	0.414	0.409	0.422	0.439	0.443	0.403	10.23
45)	S	2-Fluorobiphenyl	1.364	1.358	1.420	1.319	1.335	1.367	1.332	1.356	2.44
46)		1,1'-Biphenyl	1.467	1.475	1.566	1.462	1.493	1.536	1.521	1.503	2.60
47)		2-Chloronaphth...	1.108	1.100	1.180	1.095	1.115	1.164	1.152	1.130	3.01
48)		2-Nitroaniline	0.228	0.252	0.300	0.292	0.311	0.317	0.324	0.289	12.34
49)		Acenaphthylene	1.586	1.628	1.776	1.661	1.749	1.789	1.784	1.710	4.91
50)		Dimethylphthalate	1.351	1.349	1.459	1.358	1.417	1.424	1.439	1.399	3.27
51)		2,6-Dinitrotol...	0.248	0.266	0.303	0.294	0.312	0.316	0.322	0.294	9.40
52)	C	Acenaphthene	1.057	1.056	1.136	1.061	1.096	1.123	1.121	1.093	3.18
53)		3-Nitroaniline	0.253	0.276	0.328	0.322	0.344	0.343	0.359	0.318	12.24
54)	P	2,4-Dinitrophenol		0.108	0.146	0.160	0.179	0.186		0.156	19.97
55)		Dibenzofuran	1.759	1.751	1.835	1.711	1.768	1.799	1.769	1.770	2.18
56)	P	4-Nitrophenol	0.187	0.218	0.271	0.277	0.299	0.296	0.312	0.266	17.41
57)		2,4-Dinitrotol...	0.295	0.334	0.400	0.394	0.423	0.431	0.446	0.389	14.19
58)		Fluorene	1.309	1.343	1.442	1.345	1.407	1.407	1.402	1.379	3.43
59)		2,3,4,6-Tetrac...	0.316	0.323	0.365	0.356	0.371	0.376	0.386	0.356	7.54
60)		Diethylphthalate	1.297	1.336	1.437	1.358	1.422	1.435	1.469	1.394	4.53
61)		4-Chlorophenyl...	0.658	0.660	0.696	0.658	0.685	0.689	0.690	0.676	2.53
62)		4-Nitroaniline	0.246	0.292	0.348	0.343	0.362	0.365	0.379	0.334	14.22
63)		Azobenzene	1.215	1.251	1.369	1.291	1.341	1.363	1.365	1.314	4.73
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.111	0.120	0.127	0.132	0.137	0.119	15.85
66)	c	n-Nitrosodiphe...	0.564	0.583	0.629	0.600	0.617	0.632	0.626	0.607	4.27
67)		4-Bromophenyl-...	0.206	0.207	0.222	0.217	0.224	0.229	0.231	0.220	4.60
68)		Hexachlorobenzene	0.248	0.249	0.263	0.254	0.263	0.270	0.272	0.260	3.76
69)		Atrazine	0.165	0.171	0.157	0.135	0.105			0.147	18.49
70)	C	Pentachlorophenol	0.121	0.140	0.166	0.177	0.184	0.190	0.197	0.168	16.61
71)		Phenanthrene	1.068	1.059	1.126	1.083	1.100	1.111	1.102	1.093	2.19
72)		Anthracene	0.993	1.012	1.101	1.063	1.092	1.090	1.098	1.064	4.16
73)		Carbazole	0.920	0.975	1.060	1.041	1.060	1.061	1.066	1.026	5.50
74)		Di-n-butylphth...	1.026	1.121	1.247	1.260	1.272	1.297	1.304	1.218	8.57
75)	C	Fluoranthene	1.173	1.220	1.287	1.264	1.305	1.298	1.312	1.265	4.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.222	0.199	0.178	0.258	0.173	0.278	0.222	0.219	17.88
78)		Pyrene	1.177	1.190	1.299	1.204	1.266	1.293	1.274	1.243	4.12
79)	S	Terphenyl-d14	0.967	0.973	1.033	0.948	0.966	0.971	0.924	0.969	3.45
80)		Butylbenzylpht...	0.399	0.441	0.513	0.524	0.554	0.581	0.576	0.513	13.49
81)		Benzo(a)anthra...	1.194	1.194	1.291	1.208	1.261	1.285	1.271	1.243	3.47
82)		3,3'-Dichlorob...	0.340	0.369	0.429	0.428	0.434	0.467	0.450	0.417	10.94
83)		Chrysene	1.185	1.159	1.224	1.158	1.212	1.220	1.209	1.195	2.36
84)		Bis(2-ethylhex...	0.613	0.678	0.784	0.792	0.819	0.878	0.851	0.774	12.30
85)	c	Di-n-octyl pht...	0.922	1.033	1.224	1.272	1.357	1.435	1.433	1.240	15.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.274	1.289	1.421	1.366	1.442	1.479	1.499	1.396	6.38
88)		Benzo(b)fluora...	1.103	1.116	1.258	1.190	1.244	1.266	1.264	1.206	5.85
89)		Benzo(k)fluora...	1.092	1.136	1.213	1.130	1.203	1.251	1.232	1.180	5.07
90)	C	Benzo(a)pyrene	0.953	0.959	1.065	1.029	1.094	1.119	1.122	1.049	6.77
91)		Dibenzo(a,h)an...	1.063	1.083	1.184	1.137	1.191	1.226	1.244	1.161	5.97
92)		Benzo(g,h,i)pe...	1.097	1.107	1.199	1.154	1.202	1.246	1.259	1.180	5.39

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_F Calibration Date/Time: 03/17/2025 09:39

Lab File ID: BF141973.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.143		-4.6	
Benzaldehyde	0.853	0.698		-18.2	
Phenol-d6	1.526	1.395		-8.6	
Phenol	1.605	1.465		-8.7	20.0
bis(2-Chloroethyl)ether	1.205	1.072		-11.0	
2-Chlorophenol	1.329	1.240		-6.7	
2-Methylphenol	1.057	0.929		-12.1	
2,2-oxybis(1-Chloropropane)	1.455	1.194		-17.9	
Acetophenone	0.479	0.453		-5.4	
3+4-Methylphenols	1.354	1.184		-12.6	
n-Nitroso-di-n-propylamine	0.980	0.794	0.050	-19.0	
Nitrobenzene-d5	0.355	0.342		-3.7	
Hexachloroethane	0.544	0.502		-7.7	
Nitrobenzene	0.353	0.337		-4.5	
Isophorone	0.628	0.555		-11.6	
2-Nitrophenol	0.173	0.173		0.0	20.0
2,4-Dimethylphenol	0.239	0.219		-8.4	
bis(2-Chloroethoxy)methane	0.394	0.352		-10.7	
2,4-Dichlorophenol	0.296	0.281		-5.1	20.0
Naphthalene	1.027	0.987		-3.9	
4-Chloroaniline	0.363	0.328		-9.6	
Hexachlorobutadiene	0.213	0.209		-1.9	20.0
Caprolactam	0.090	0.076		-15.6	
4-Chloro-3-methylphenol	0.331	0.296		-10.6	20.0
2-Methylnaphthalene	0.687	0.632		-8.0	
Hexachlorocyclopentadiene	0.238	0.242	0.050	1.7	
2,4,6-Trichlorophenol	0.398	0.397		-0.3	20.0
2-Fluorobiphenyl	1.315	1.326		0.8	
2,4,5-Trichlorophenol	0.403	0.397		-1.5	
1,1-Biphenyl	1.520	1.526		0.4	
2-Chloronaphthalene	1.133	1.123		-0.9	
2-Nitroaniline	0.328	0.310		-5.5	
Dimethylphthalate	1.401	1.315		-6.1	
Acenaphthylene	1.681	1.647		-2.0	
2,6-Dinitrotoluene	0.292	0.281		-3.8	
3-Nitroaniline	0.296	0.280		-5.4	
Acenaphthene	1.181	1.164		-1.4	20.0
2,4-Dinitrophenol	0.139	0.138	0.050	-0.7	
4-Nitrophenol	0.223	0.220	0.050	-1.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_F Calibration Date/Time: 03/17/2025 09:39

Lab File ID: BF141973.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.612		-4.5	
2,4-Dinitrotoluene	0.381	0.363		-4.7	
Diethylphthalate	1.397	1.280		-8.4	
4-Chlorophenyl-phenylether	0.679	0.653		-3.8	
Fluorene	1.302	1.247		-4.2	
4-Nitroaniline	0.288	0.271		-5.9	
4,6-Dinitro-2-methylphenol	0.119	0.121		1.7	
n-Nitrosodiphenylamine	0.647	0.639		-1.2	20.0
2,4,6-Tribromophenol	0.254	0.242		-4.7	
4-Bromophenyl-phenylether	0.251	0.248		-1.2	
Hexachlorobenzene	0.275	0.277		0.7	
Atrazine	0.198	0.174		-12.1	
Pentachlorophenol	0.170	0.175		2.9	20.0
Phenanthrene	1.080	1.047		-3.1	
Anthracene	1.084	1.060		-2.3	
Carbazole	0.935	0.886		-5.2	
Di-n-butylphthalate	1.240	1.152		-7.1	
Fluoranthene	1.146	1.043		-9.0	20.0
Pyrene	1.730	1.469		-15.1	
Terphenyl-d14	1.353	1.154		-14.7	
Butylbenzylphthalate	0.677	0.594		-12.3	
3,3-Dichlorobenzidine	0.379	0.427		12.7	
Benzo(a)anthracene	1.312	1.239		-5.6	
Chrysene	1.190	1.192		0.2	
Bis(2-ethylhexyl)phthalate	0.934	0.858		-8.1	
Di-n-octyl phthalate	1.299	1.464		12.7	20.0
Benzo(b)fluoranthene	1.371	1.109		-19.1	
Benzo(k)fluoranthene	1.173	1.101		-6.1	
Benzo(a)pyrene	1.073	1.006		-6.2	20.0
Indeno(1,2,3-cd)pyrene	1.294	1.403		8.4	
Dibenzo(a,h)anthracene	1.067	1.162		8.9	
Benzo(g,h,i)perylene	1.055	1.184		12.2	
1,2,4,5-Tetrachlorobenzene	0.609	0.630		3.4	
1,4-Dioxane	0.502	0.490		-2.4	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.353		-3.8	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.217		-2.9	
Benzaldehyde	0.809	0.676		-16.4	
Phenol-d6	1.675	1.667		-0.5	
Phenol	1.691	1.667		-1.4	20.0
bis(2-Chloroethyl)ether	1.334	1.303		-2.3	
2-Chlorophenol	1.353	1.312		-3.0	
2-Methylphenol	1.061	1.057		-0.4	
2,2-oxybis(1-Chloropropane)	1.361	1.381		1.5	
Acetophenone	0.506	0.499		-1.4	
3+4-Methylphenols	1.457	1.457		0.0	
n-Nitroso-di-n-propylamine	0.972	1.009	0.050	3.8	
Nitrobenzene-d5	0.354	0.354		0.0	
Hexachloroethane	0.529	0.513		-3.0	
Nitrobenzene	0.350	0.348		-0.6	
Isophorone	0.608	0.611		0.5	
2-Nitrophenol	0.167	0.167		0.0	20.0
2,4-Dimethylphenol	0.215	0.211		-1.9	
bis(2-Chloroethoxy)methane	0.427	0.426		-0.2	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Naphthalene	1.060	1.026		-3.2	
4-Chloroaniline	0.379	0.383		1.1	
Hexachlorobutadiene	0.185	0.177		-4.3	20.0
Caprolactam	0.095	0.100		5.3	
4-Chloro-3-methylphenol	0.313	0.322		2.9	20.0
2-Methylnaphthalene	0.716	0.714		-0.3	
Hexachlorocyclopentadiene	0.208	0.203	0.050	-2.4	
2,4,6-Trichlorophenol	0.367	0.359		-2.2	20.0
2-Fluorobiphenyl	1.356	1.320		-2.7	
2,4,5-Trichlorophenol	0.403	0.402		-0.2	
1,1-Biphenyl	1.503	1.456		-3.1	
2-Chloronaphthalene	1.130	1.087		-3.8	
2-Nitroaniline	0.289	0.301		4.2	
Dimethylphthalate	1.399	1.368		-2.2	
Acenaphthylene	1.710	1.690		-1.2	
2,6-Dinitrotoluene	0.294	0.293		-0.3	
3-Nitroaniline	0.318	0.331		4.1	
Acenaphthene	1.093	1.065		-2.6	20.0
2,4-Dinitrophenol	0.156	0.161	0.050	3.2	
4-Nitrophenol	0.266	0.281	0.050	5.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.770	1.741		-1.6	
2,4-Dinitrotoluene	0.389	0.401		3.1	
Diethylphthalate	1.394	1.408		1.0	
4-Chlorophenyl-phenylether	0.676	0.671		-0.7	
Fluorene	1.379	1.385		0.4	
4-Nitroaniline	0.334	0.352		5.4	
4,6-Dinitro-2-methylphenol	0.119	0.117		-1.7	
n-Nitrosodiphenylamine	0.607	0.600		-1.2	20.0
2,4,6-Tribromophenol	0.252	0.254		0.8	
4-Bromophenyl-phenylether	0.220	0.212		-3.6	
Hexachlorobenzene	0.260	0.250		-3.8	
Atrazine	0.147	0.131		-10.9	
Pentachlorophenol	0.168	0.172		2.4	20.0
Phenanthrene	1.093	1.063		-2.7	
Anthracene	1.064	1.047		-1.6	
Carbazole	1.026	1.032		0.6	
Di-n-butylphthalate	1.218	1.253		2.9	
Fluoranthene	1.265	1.284		1.5	20.0
Pyrene	1.243	1.202		-3.3	
Terphenyl-d14	0.969	0.961		-0.8	
Butylbenzylphthalate	0.513	0.508		-1.0	
3,3-Dichlorobenzidine	0.417	0.422		1.2	
Benzo(a)anthracene	1.243	1.219		-1.9	
Chrysene	1.195	1.150		-3.8	
Bis(2-ethylhexyl)phthalate	0.774	0.793		2.5	
Di-n-octyl phthalate	1.240	1.245		0.4	20.0
Benzo(b)fluoranthene	1.206	1.185		-1.7	
Benzo(k)fluoranthene	1.180	1.161		-1.6	
Benzo(a)pyrene	1.049	1.027		-2.1	20.0
Indeno(1,2,3-cd)pyrene	1.396	1.357		-2.8	
Dibenzo(a,h)anthracene	1.161	1.123		-3.3	
Benzo(g,h,i)perylene	1.180	1.148		-2.7	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.497	0.477		-4.0	20.0
2,3,4,6-Tetrachlorophenol	0.356	0.353		-0.8	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141982.D
Acq On : 17 Mar 2025 15:29
Operator : RC/JU
Sample : Q1574-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Time: Mar 25 16:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

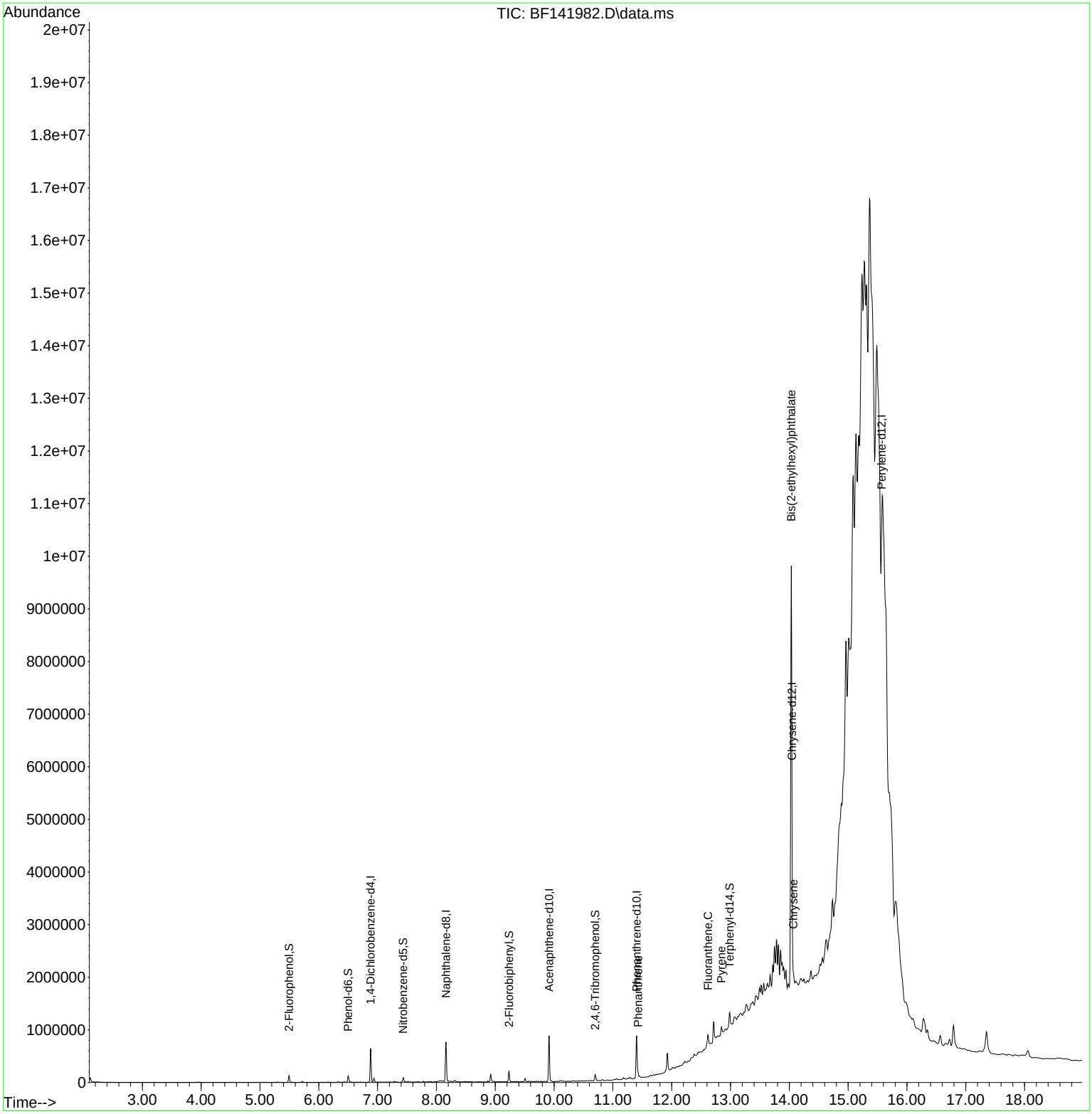
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	134820	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	482604	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	242342	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	413517	20.000	ng		0.00
76) Chrysene-d12	14.045	240	298547	20.000	ng		0.00
86) Perylene-d12	15.569	264	246126	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	52902	6.549	ng		0.00
7) Phenol-d6	6.498	99	63864	6.209	ng		0.00
23) Nitrobenzene-d5	7.434	82	40431	4.715	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	19673	6.399	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	86625	5.436	ng		0.00
79) Terphenyl-d14	12.986	244	105058	5.203	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.428	178	68457	3.065	ng		99
75) Fluoranthene	12.616	202	116131	4.902	ng		98
78) Pyrene	12.845	202	87760	3.398	ng		96
83) Chrysene	14.069	228	57899	3.260	ng	#	91
84) Bis(2-ethylhexyl)phtha...	14.033	149	3530429	253.322	ng	#	94

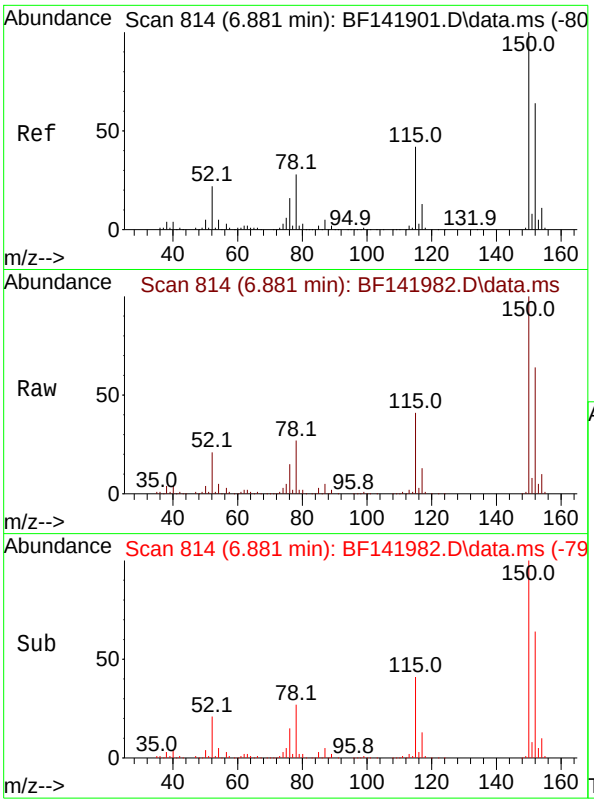
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141982.D
Acq On : 17 Mar 2025 15:29
Operator : RC/JU
Sample : Q1574-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Time: Mar 25 16:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



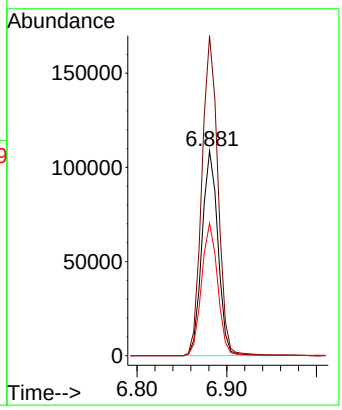


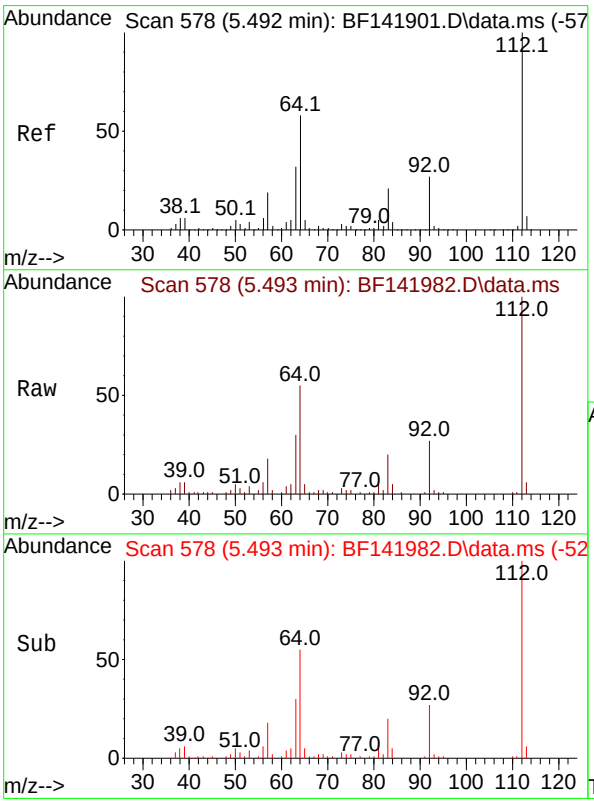
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:152 Resp: 134820

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.2
115	64.6	51.9	77.9

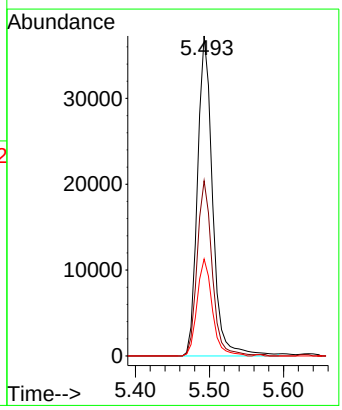


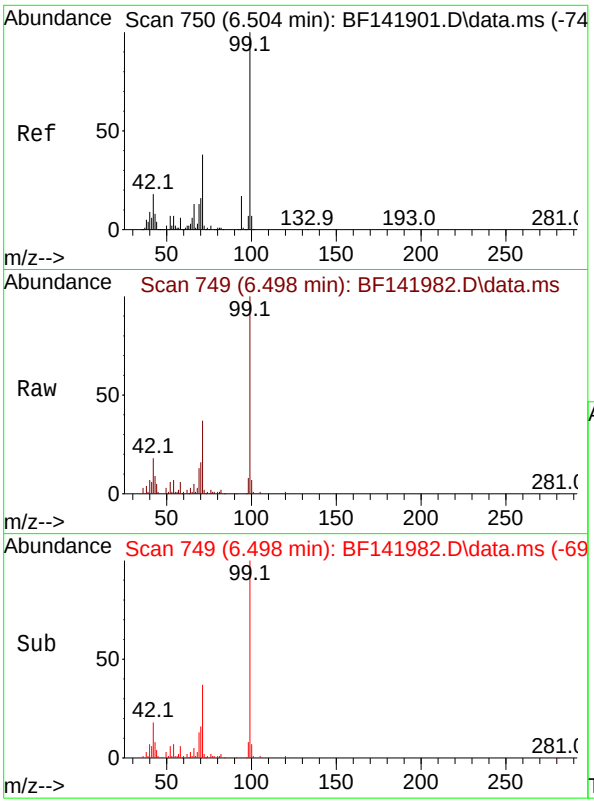


#5
2-Fluorophenol
Concen: 6.549 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:112 Resp: 52902

Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	30.3	25.4	38.2



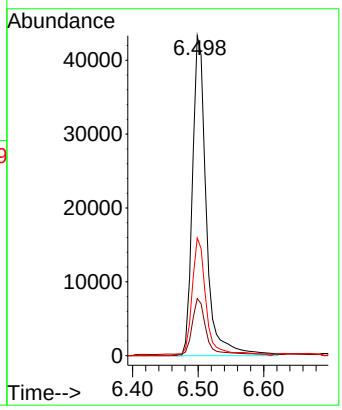


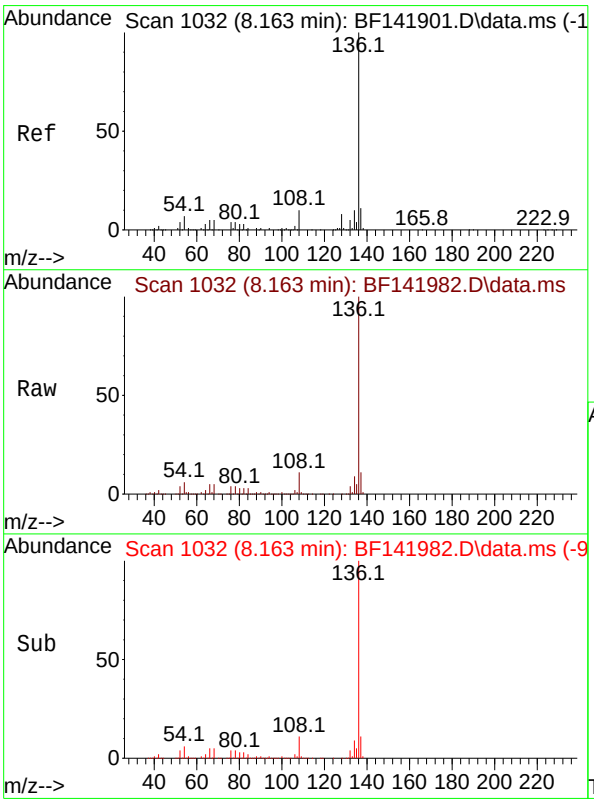
#7
Phenol-d6
Concen: 6.209 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion: 99 Resp: 63864

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	21.8
71	36.8	30.8	46.2

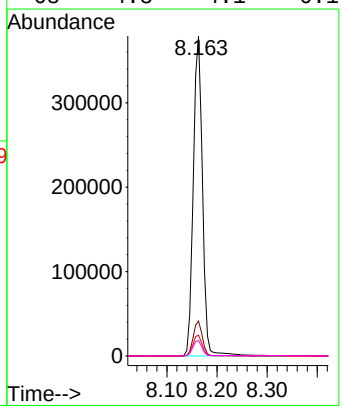


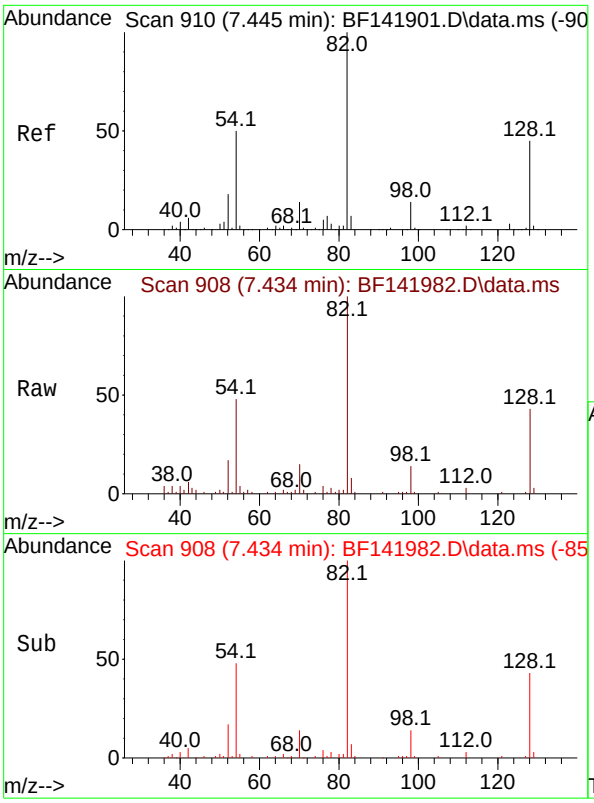


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:136 Resp: 482604

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.8	8.8
68	4.8	4.1	6.1



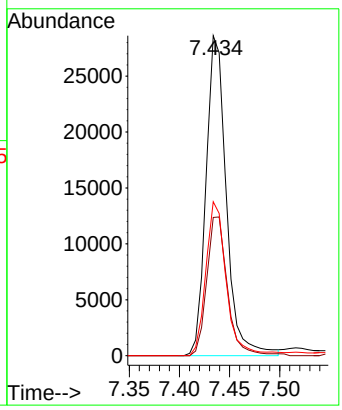


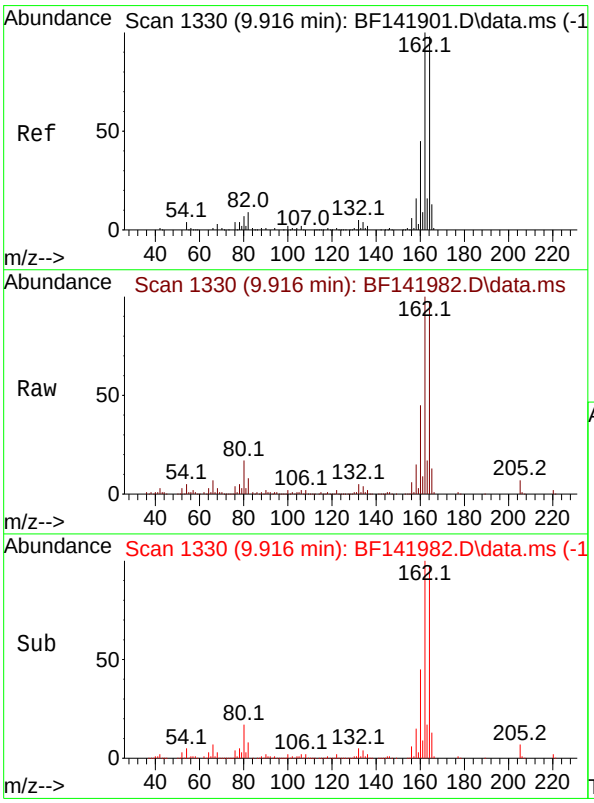
#23
Nitrobenzene-d5
Concen: 4.715 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion: 82 Resp: 40431

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.0	54.0
54	48.1	39.6	59.4

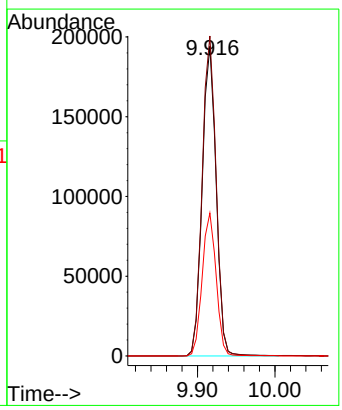


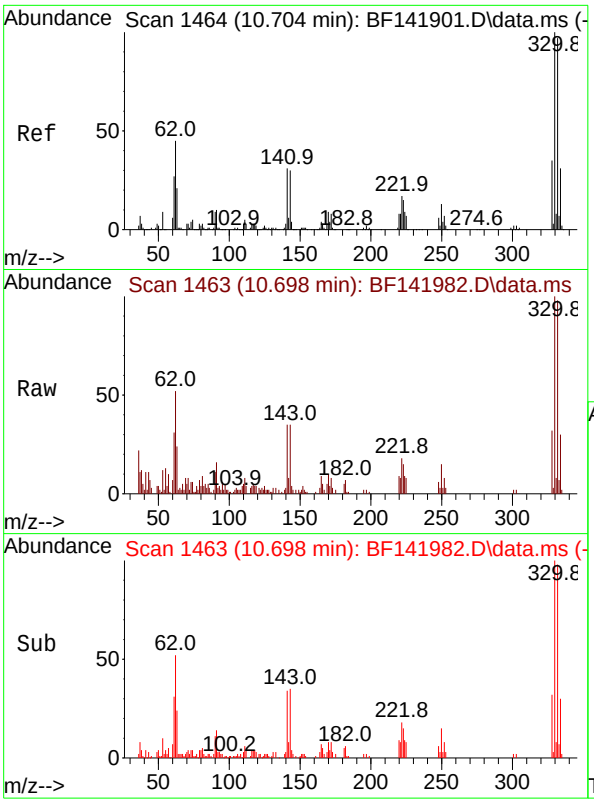


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:164 Resp: 242342

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	46.2	36.7	55.1



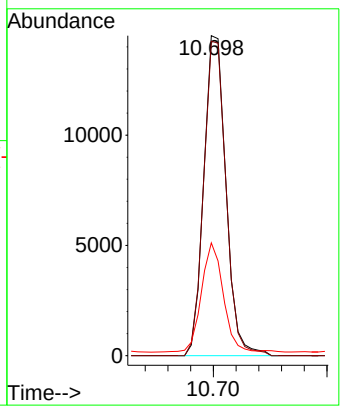


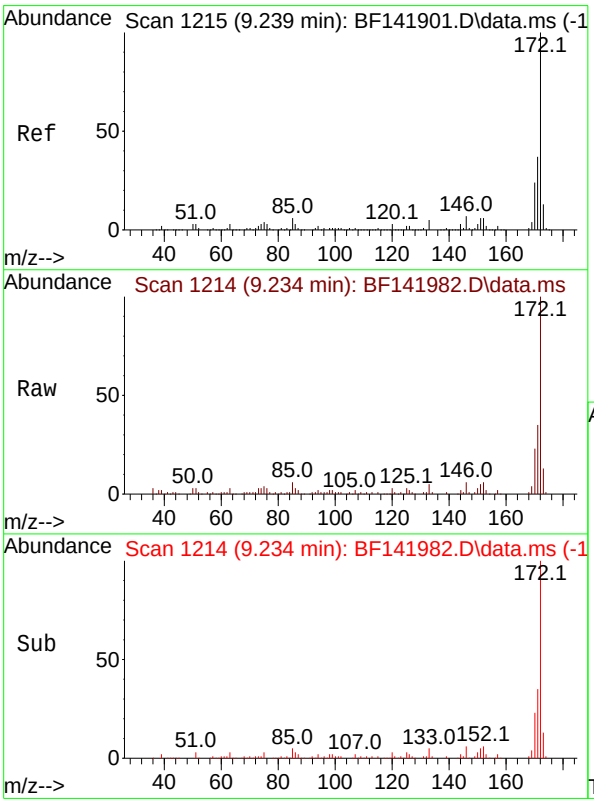
#42
2,4,6-Tribromophenol
Concen: 6.399 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:330 Resp: 19673

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.6	116.4
141	35.4	24.7	37.1

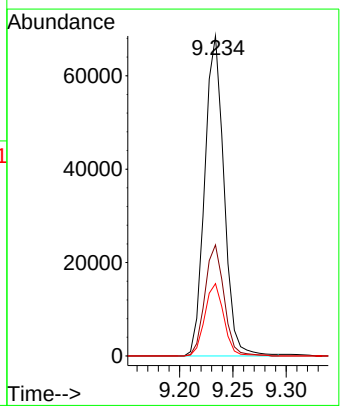


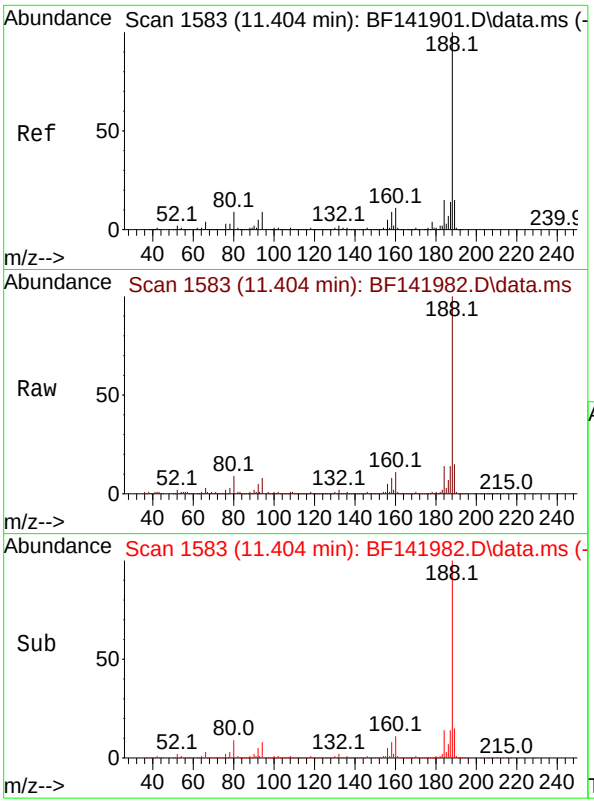


#45
2-Fluorobiphenyl
Concen: 5.436 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:172 Resp: 86625

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.3	43.9
170	22.6	19.4	29.0



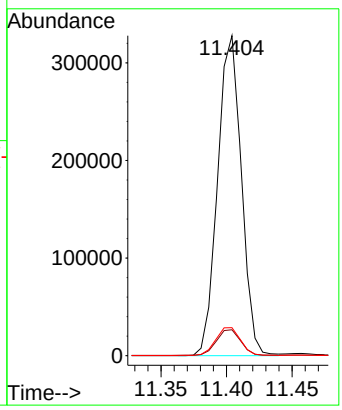


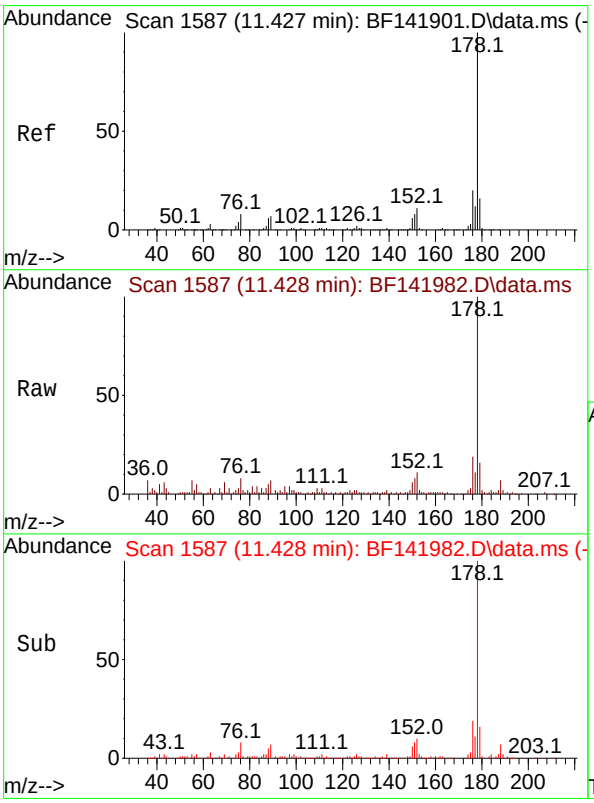
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:188 Resp: 413517

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.7	7.6	11.4

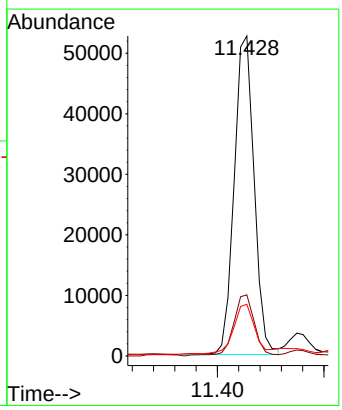


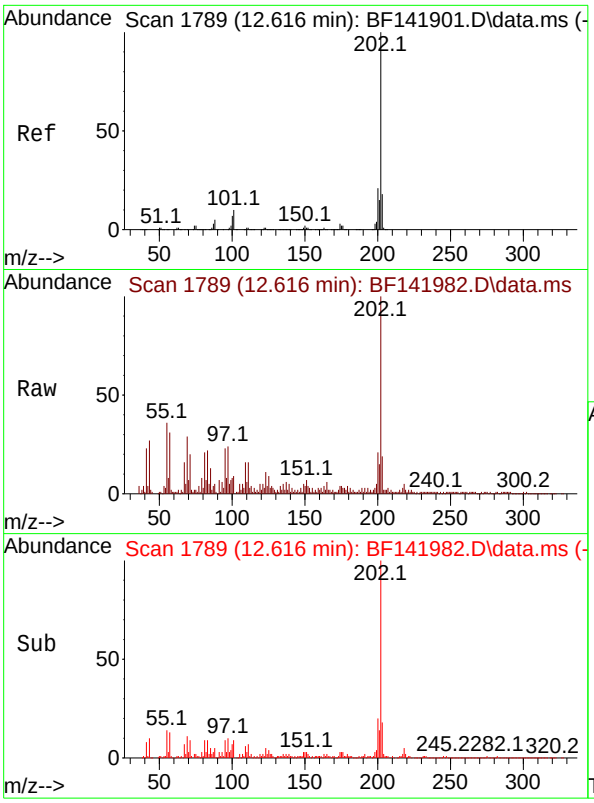


#71
Phenanthrene
Concen: 3.065 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:178 Resp: 68457

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.2	12.6	19.0



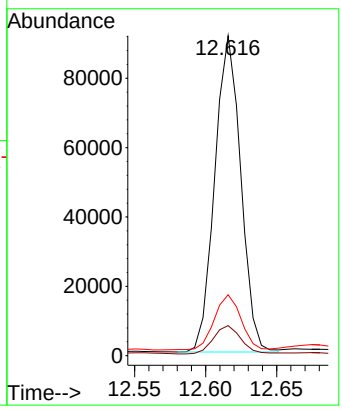


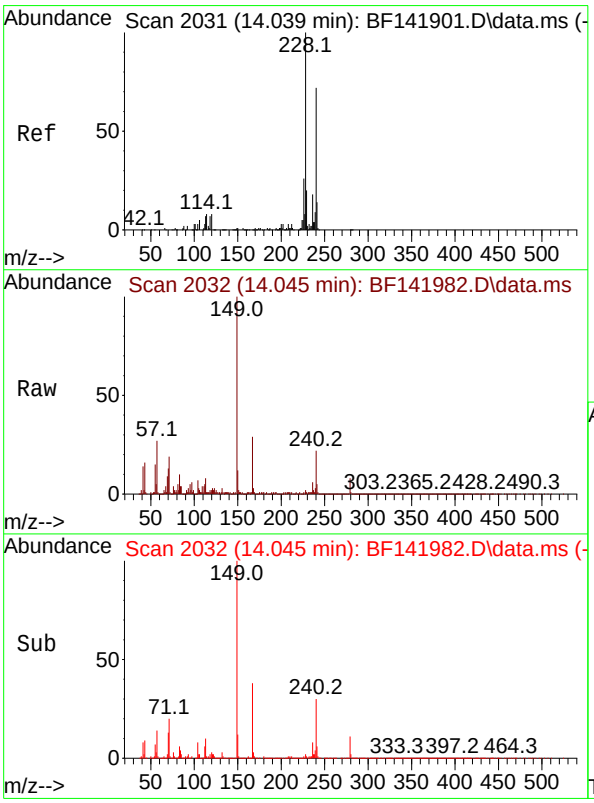
#75
Fluoranthene
Concen: 4.902 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:202 Resp: 116131

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.7
203	19.0	0.0	37.8

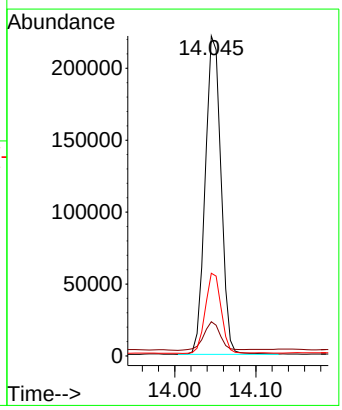


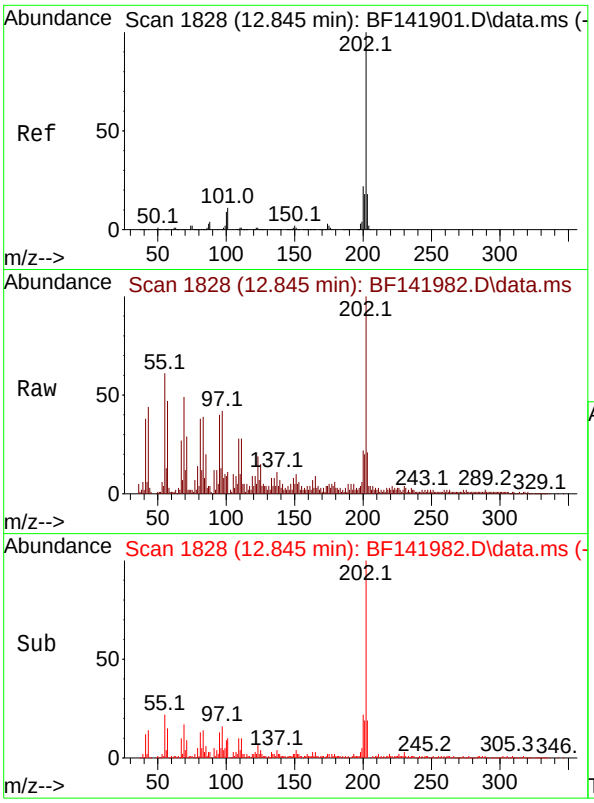


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:240 Resp: 298547

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	25.9	20.5	30.7



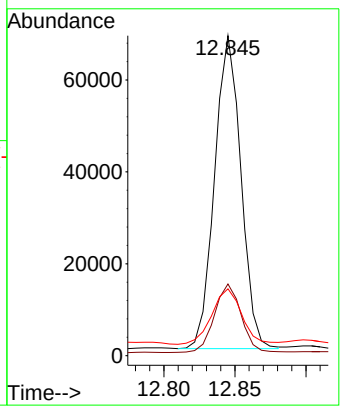


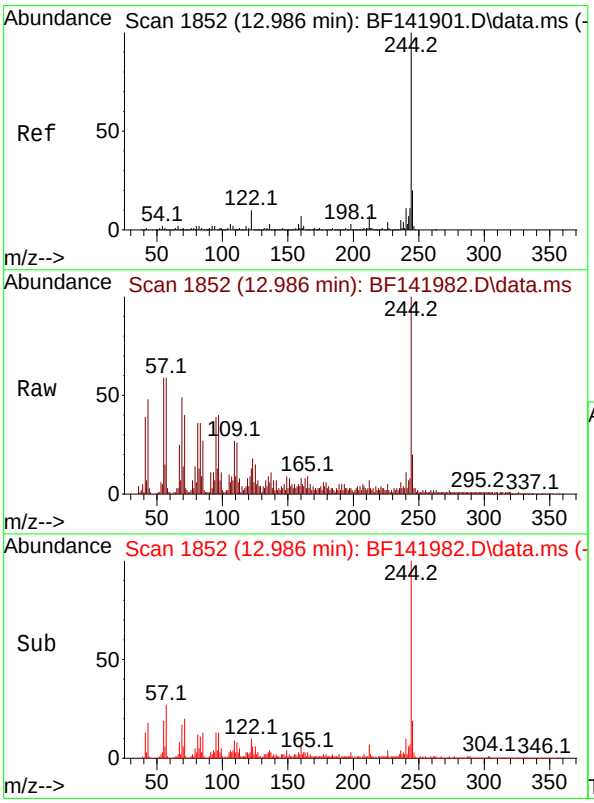
#78
Pyrene
Concen: 3.398 ng
RT: 12.845 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:202 Resp: 87760

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.3	25.9
203	20.9	14.4	21.6

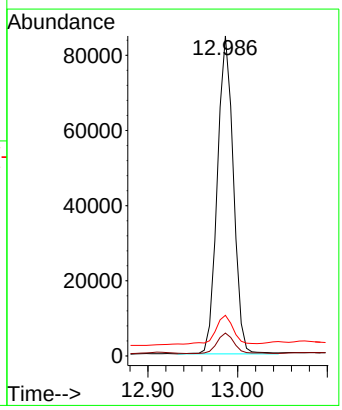


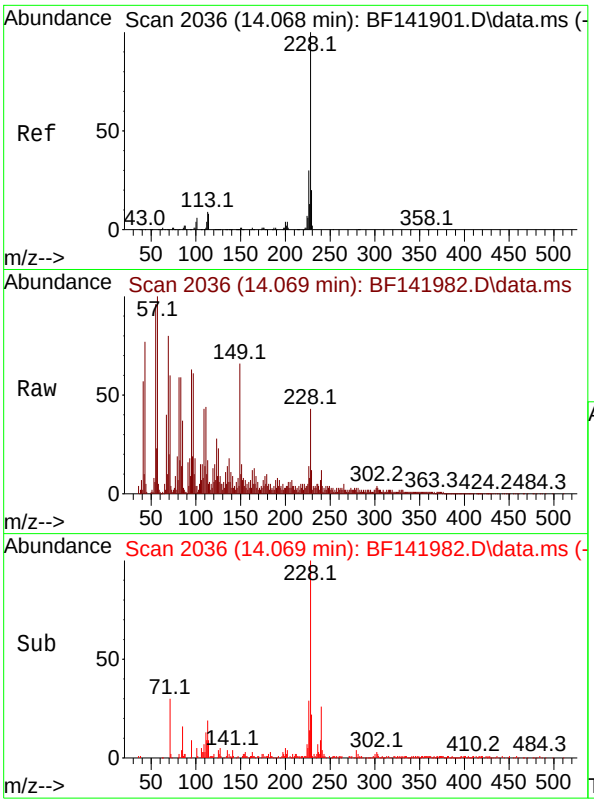


#79
Terphenyl-d14
Concen: 5.203 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:244 Resp: 105058

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.7	7.7	11.5#



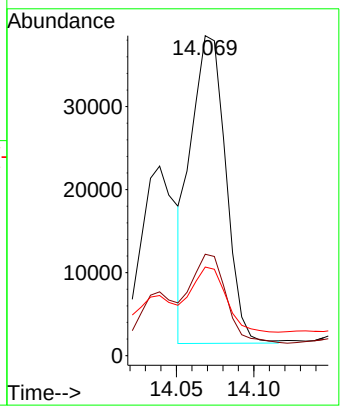


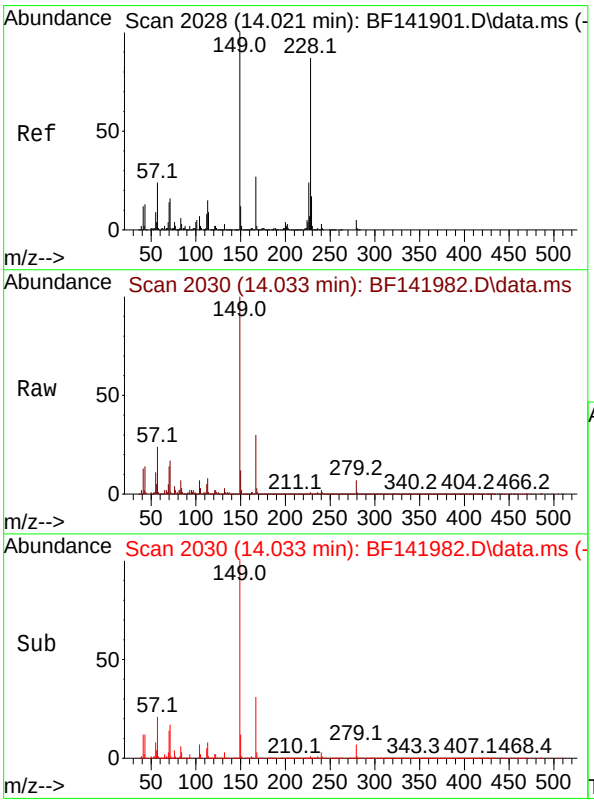
#83
Chrysene
Concen: 3.260 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:228 Resp: 57899

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.1	36.1
229	27.7	15.7	23.5#

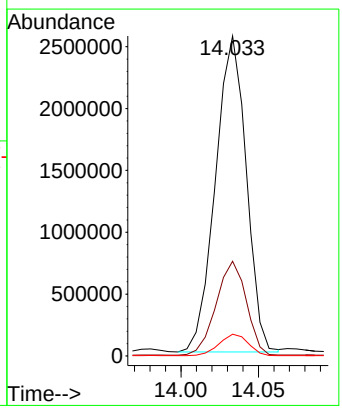


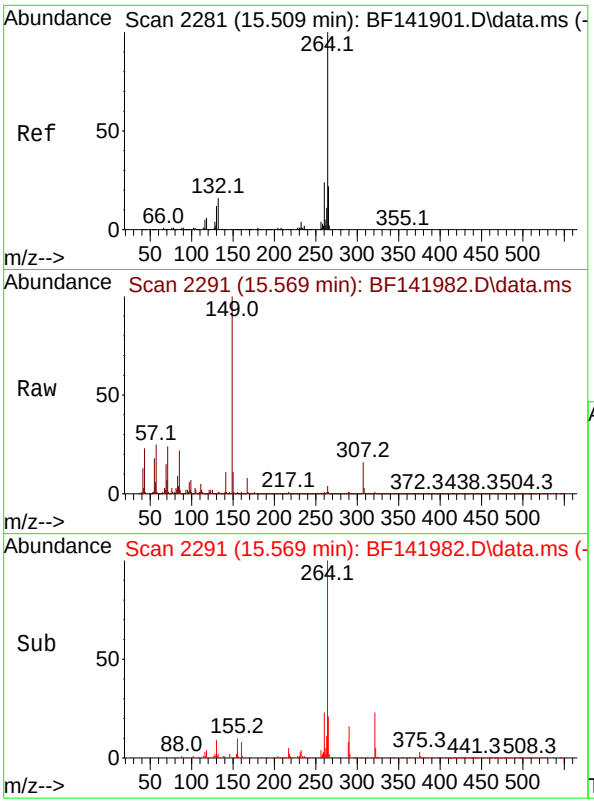


#84
Bis(2-ethylhexyl)phthalate
Concen: 253.322 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:149 Resp: 3530429

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.4	32.0
279	6.8	3.8	5.6#



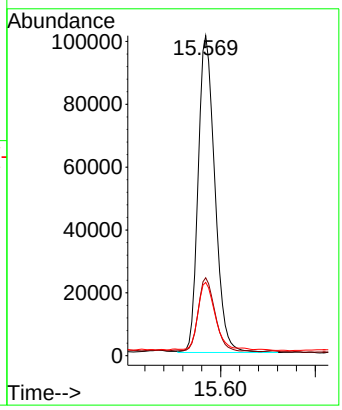


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.569 min Scan# 2
Delta R.T. 0.059 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:264 Resp: 246126

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.9	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141984.D
Acq On : 17 Mar 2025 17:00
Operator : RC/JU
Sample : Q1574-01DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1DL

Quant Time: Mar 17 17:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

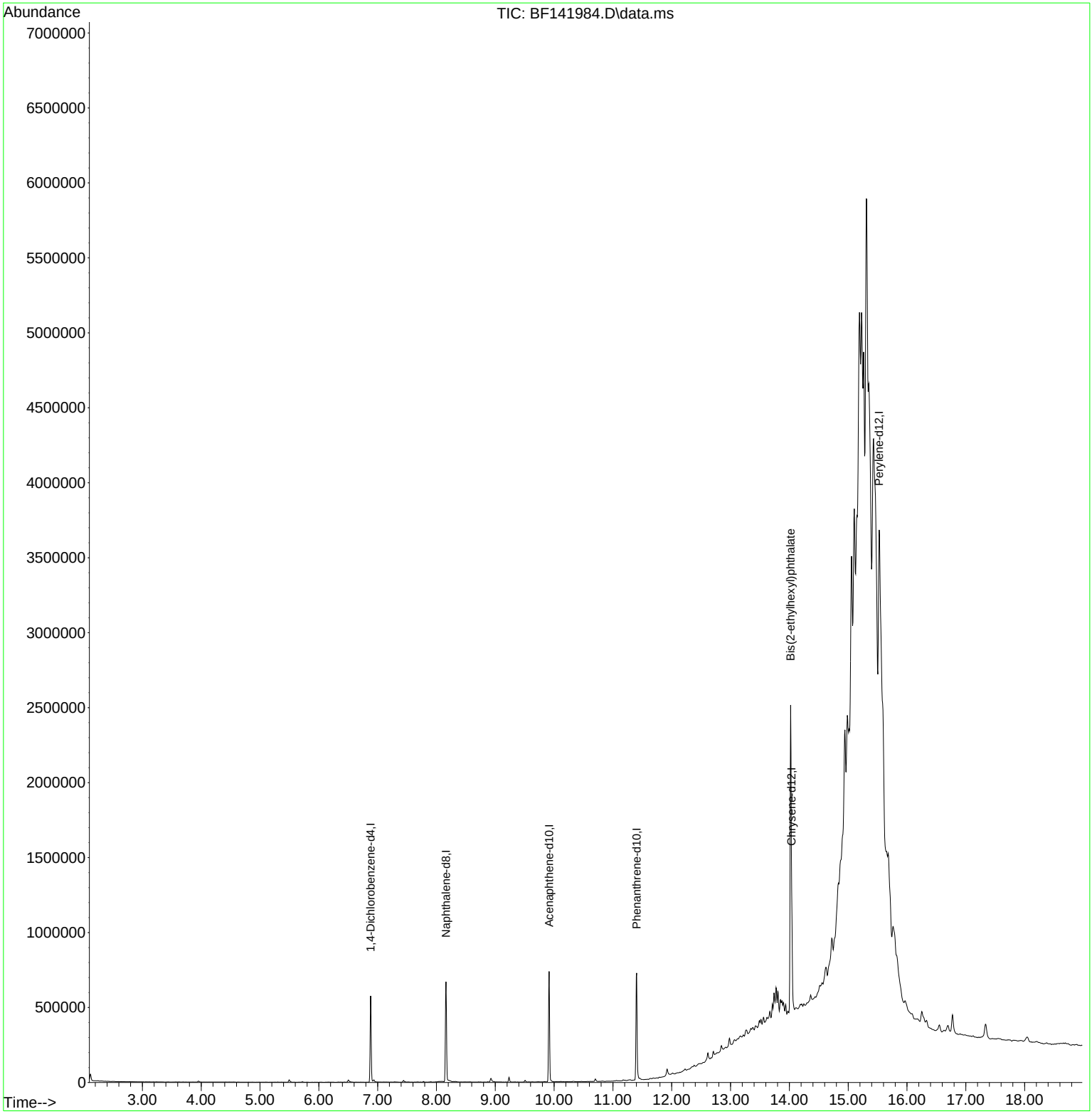
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	122353	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436760	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	216464	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	380298	20.000	ng	0.00
76) Chrysene-d12	14.039	240	298468	20.000	ng	0.00
86) Perylene-d12	15.527	264	224847	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	8560	1.168	ng	0.00
7) Phenol-d6	6.504	99	10016	1.073	ng	0.00
23) Nitrobenzene-d5	7.439	82	6872	0.885	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	2928	1.066	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	14955	1.051	ng	0.00
79) Terphenyl-d14	12.986	244	20958	1.038	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.021	149	833555	59.827	ng	100

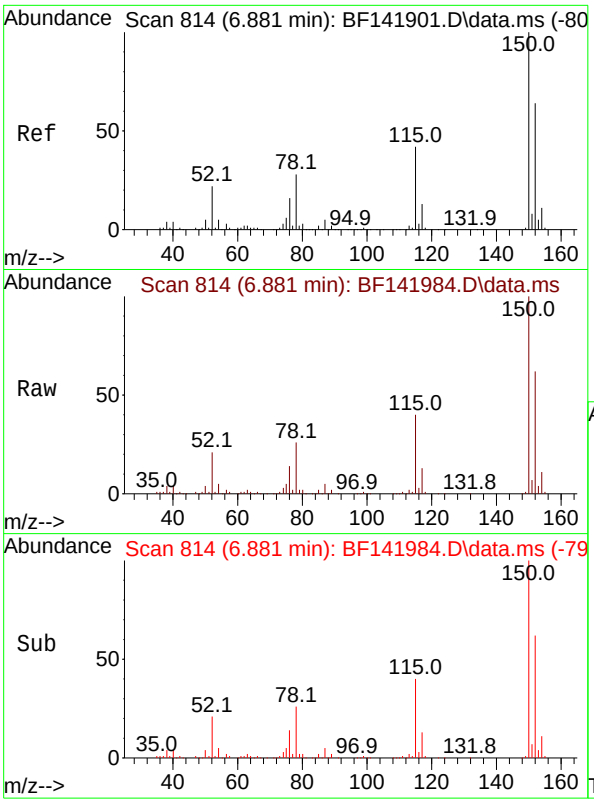
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141984.D
Acq On : 17 Mar 2025 17:00
Operator : RC/JU
Sample : Q1574-01DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1DL

Quant Time: Mar 17 17:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



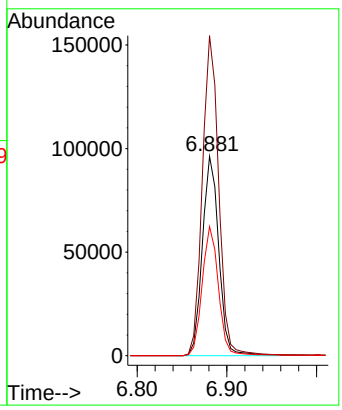


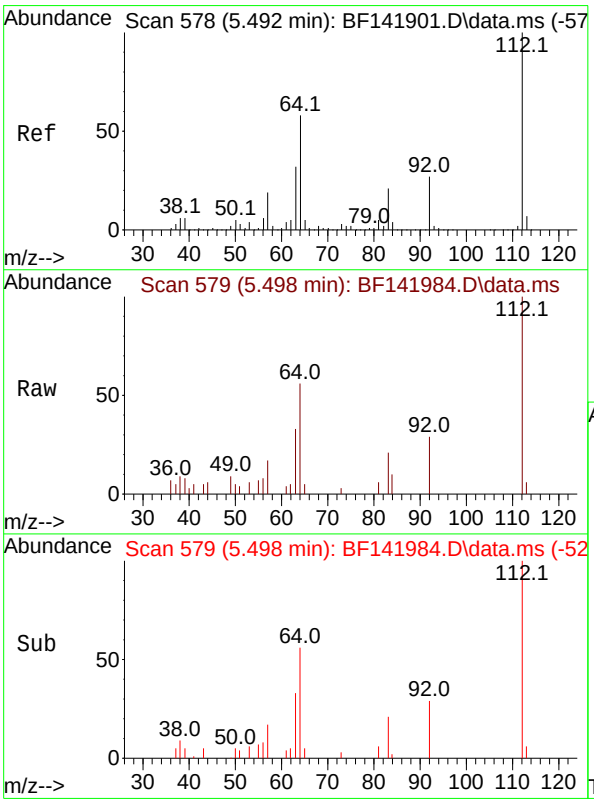
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion:152 Resp: 122353

Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.4	191.2
115	64.7	51.9	77.9

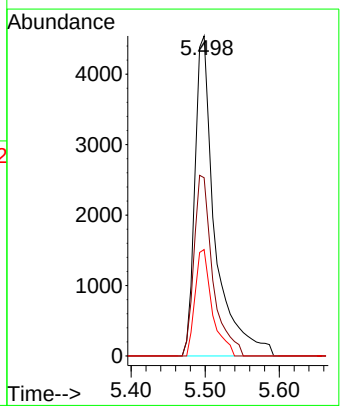


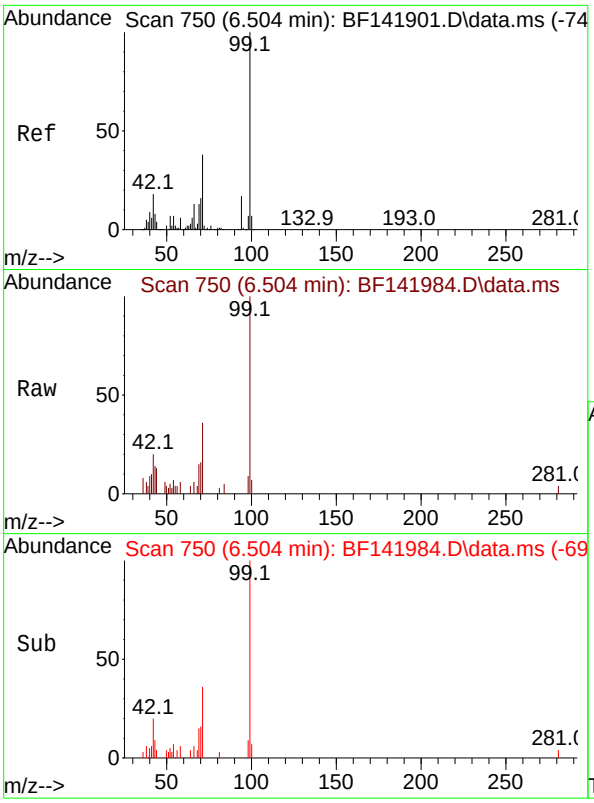


#5
2-Fluorophenol
Concen: 1.168 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:112 Resp: 8560

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.5	69.7
63	33.3	25.4	38.2



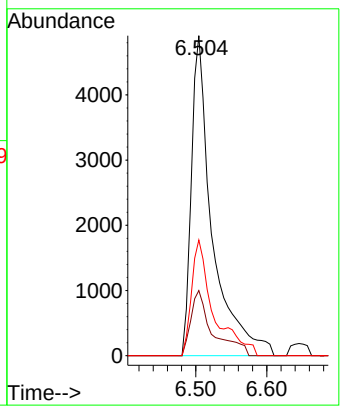


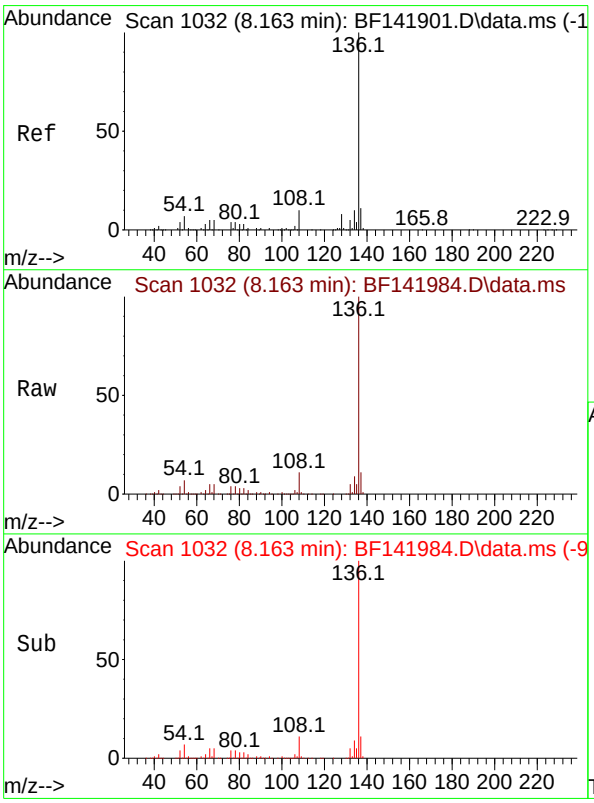
#7
Phenol-d6
Concen: 1.073 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion: 99 Resp: 10016

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.6	21.8
71	36.2	30.8	46.2

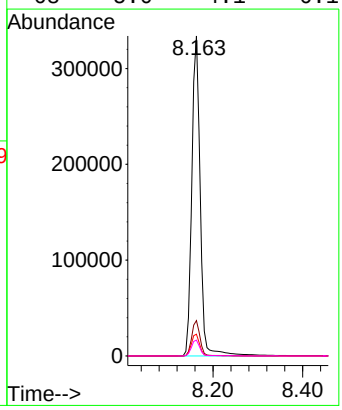


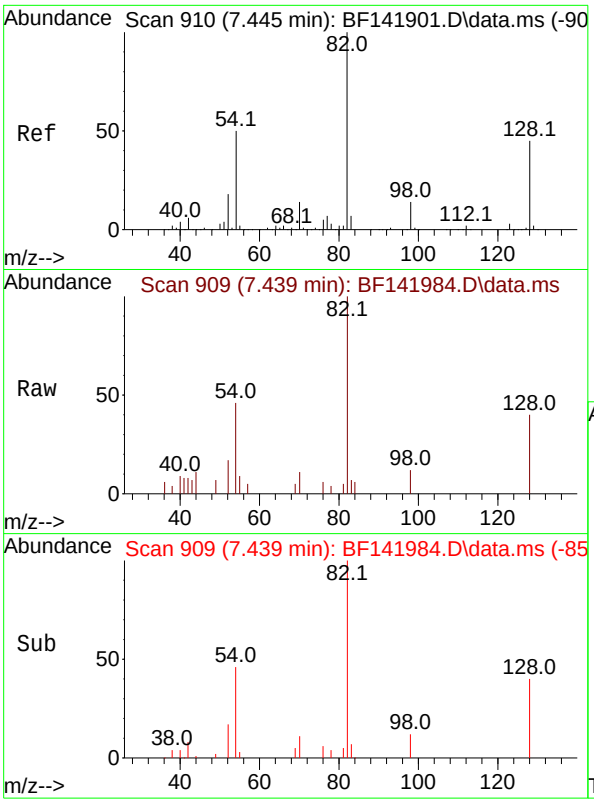


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:136 Resp: 436760

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	5.0	4.1	6.1



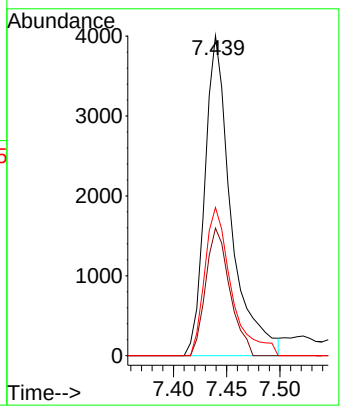


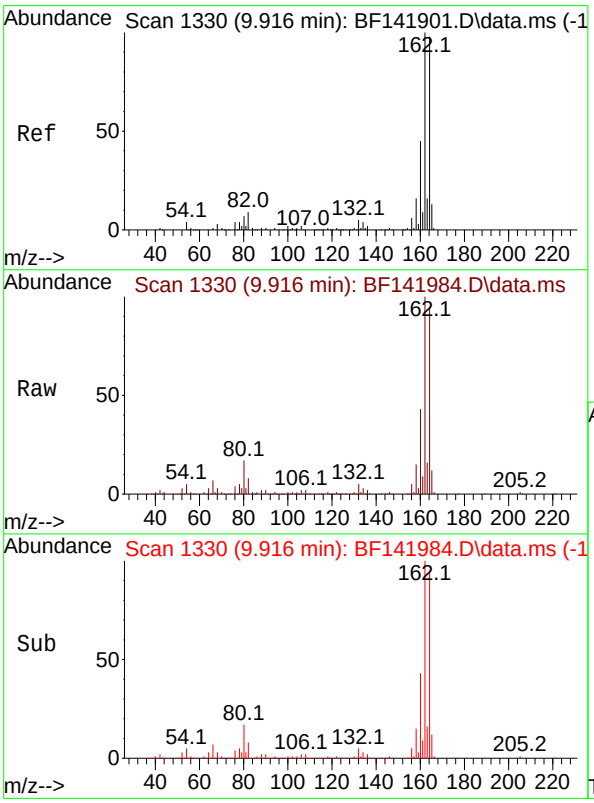
#23
Nitrobenzene-d5
Concen: 0.885 ng
RT: 7.439 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion: 82 Resp: 6872

Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.0	54.0
54	46.3	39.6	59.4

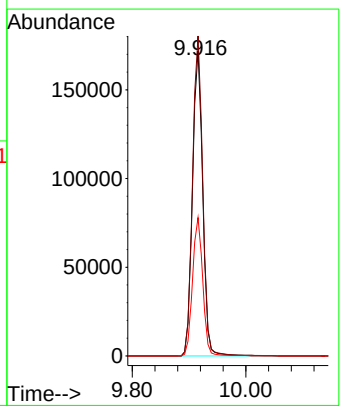


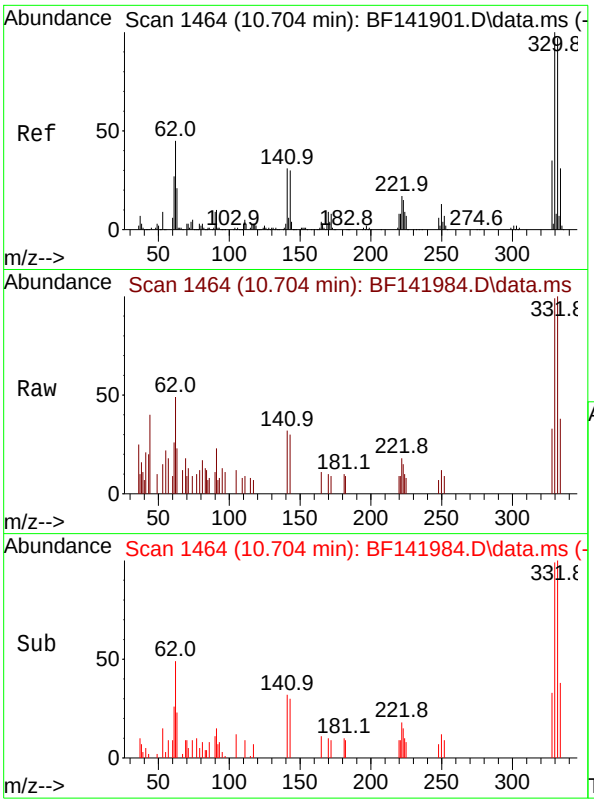


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:164 Resp: 216464

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.8	122.6
160	45.4	36.7	55.1



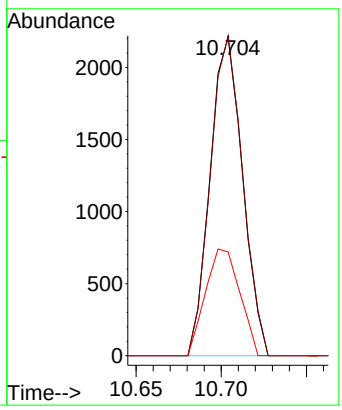


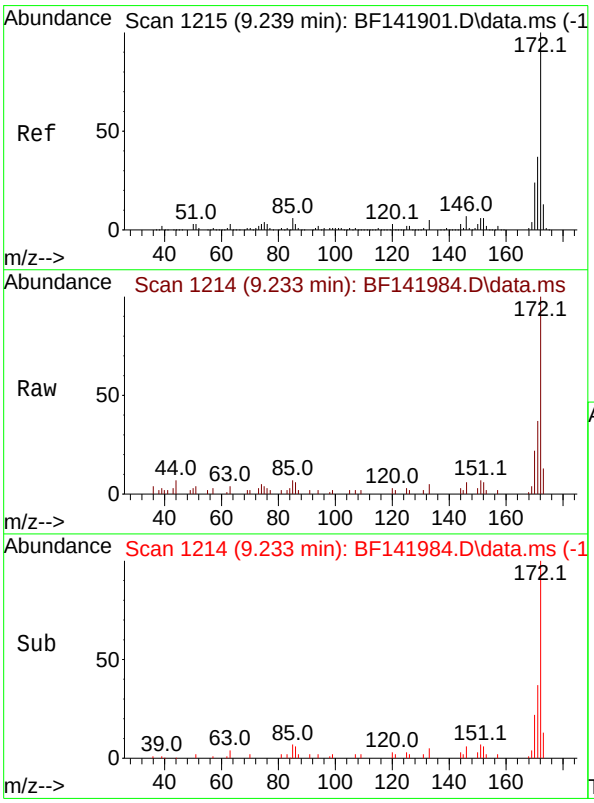
#42
2,4,6-Tribromophenol
Concen: 1.066 ng
RT: 10.704 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion:330 Resp: 2928

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.6	116.4
141	35.3	24.7	37.1

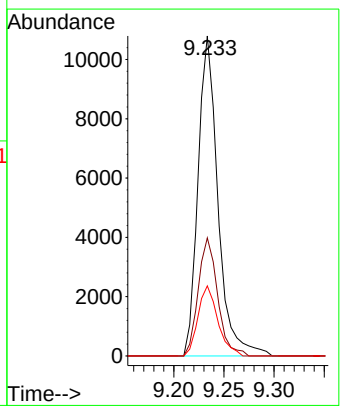


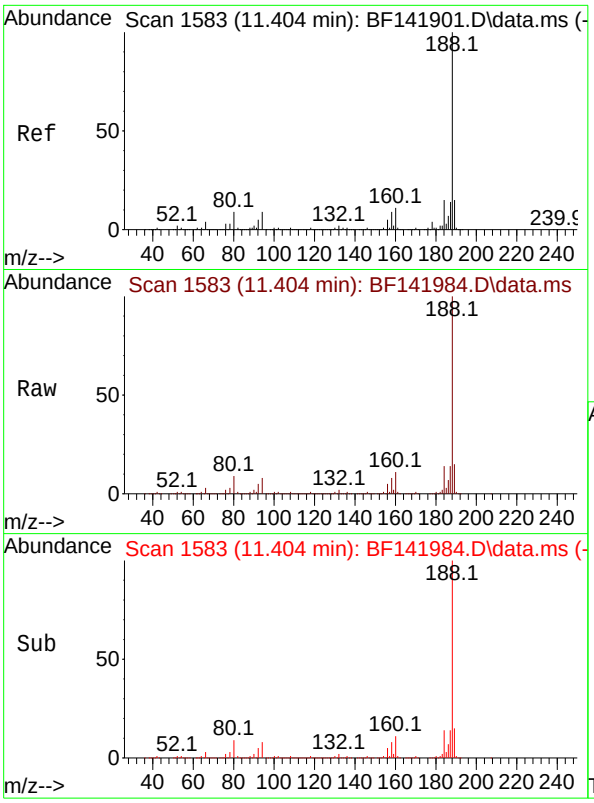


#45
2-Fluorobiphenyl
Concen: 1.051 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:172 Resp: 14955

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	21.9	19.4	29.0



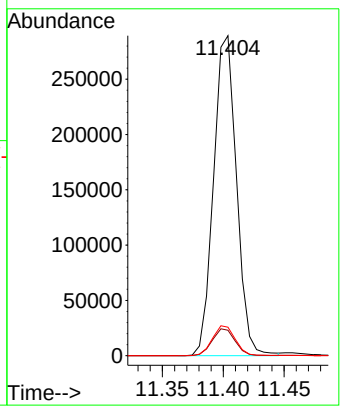


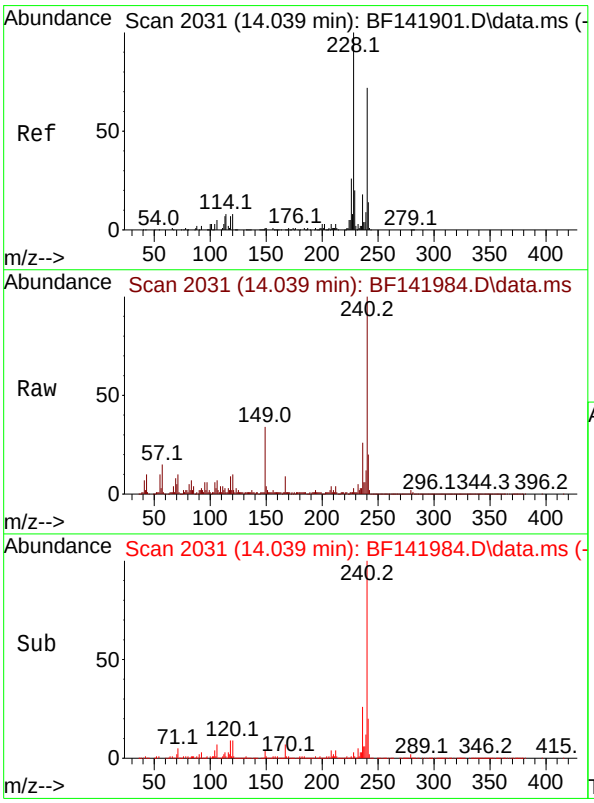
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion:188 Resp: 380298

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.8	10.2
80	8.9	7.6	11.4

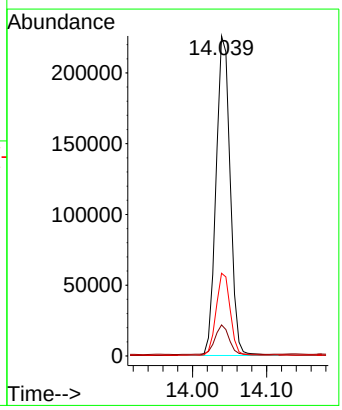


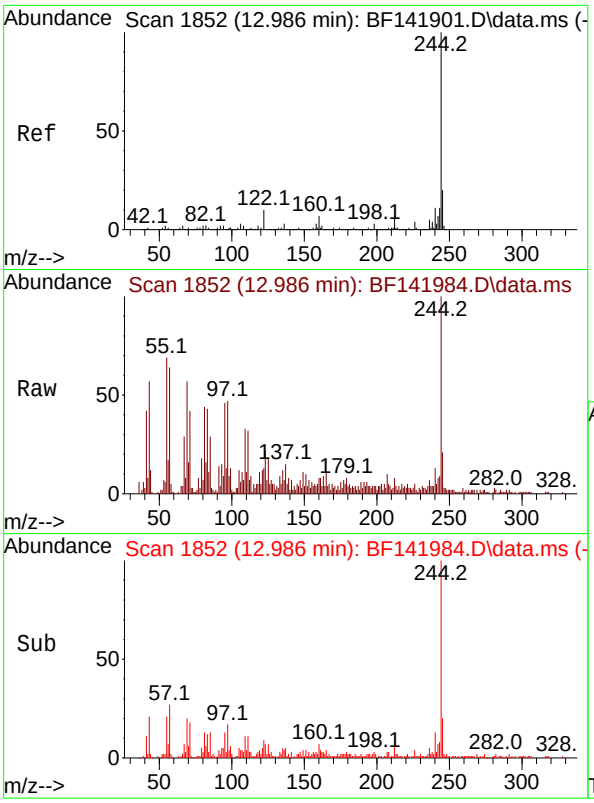


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:240 Resp: 298468

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.9	20.5	30.7



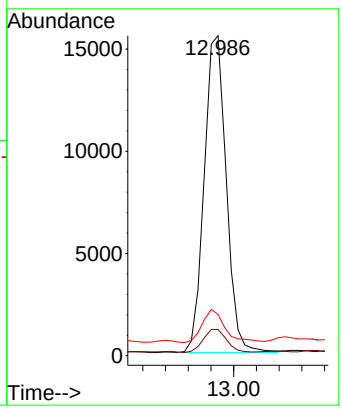


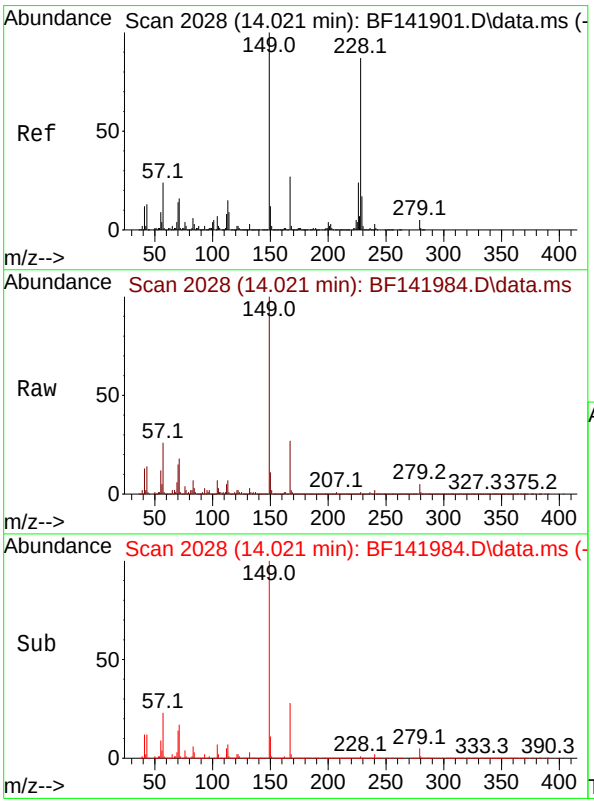
#79
Terphenyl-d14
Concen: 1.038 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion:244 Resp: 20958

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	12.9	7.7	11.5#

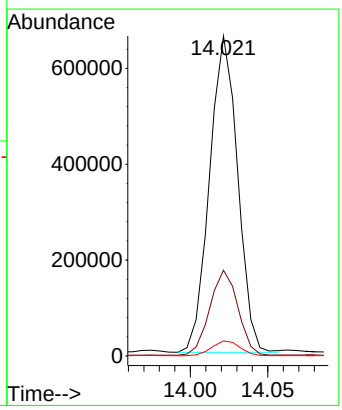


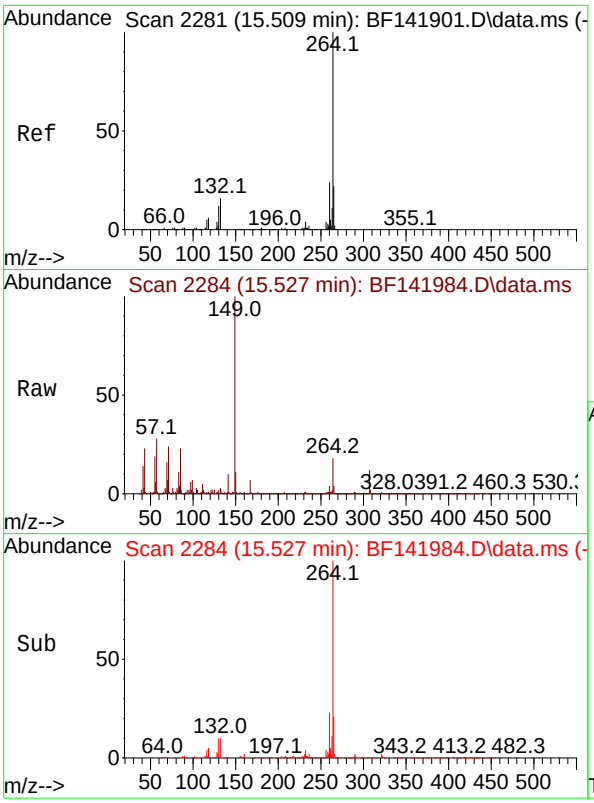


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.827 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:149 Resp: 833555

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	4.7	3.8	5.6



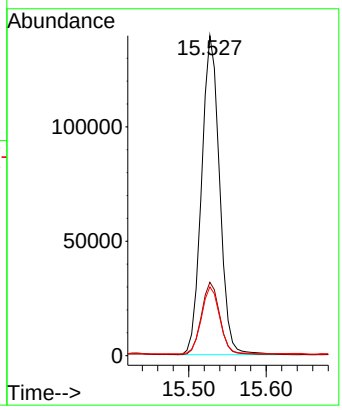


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

Tgt Ion:264 Resp: 224847

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.5	17.5	26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Time: Mar 18 11:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

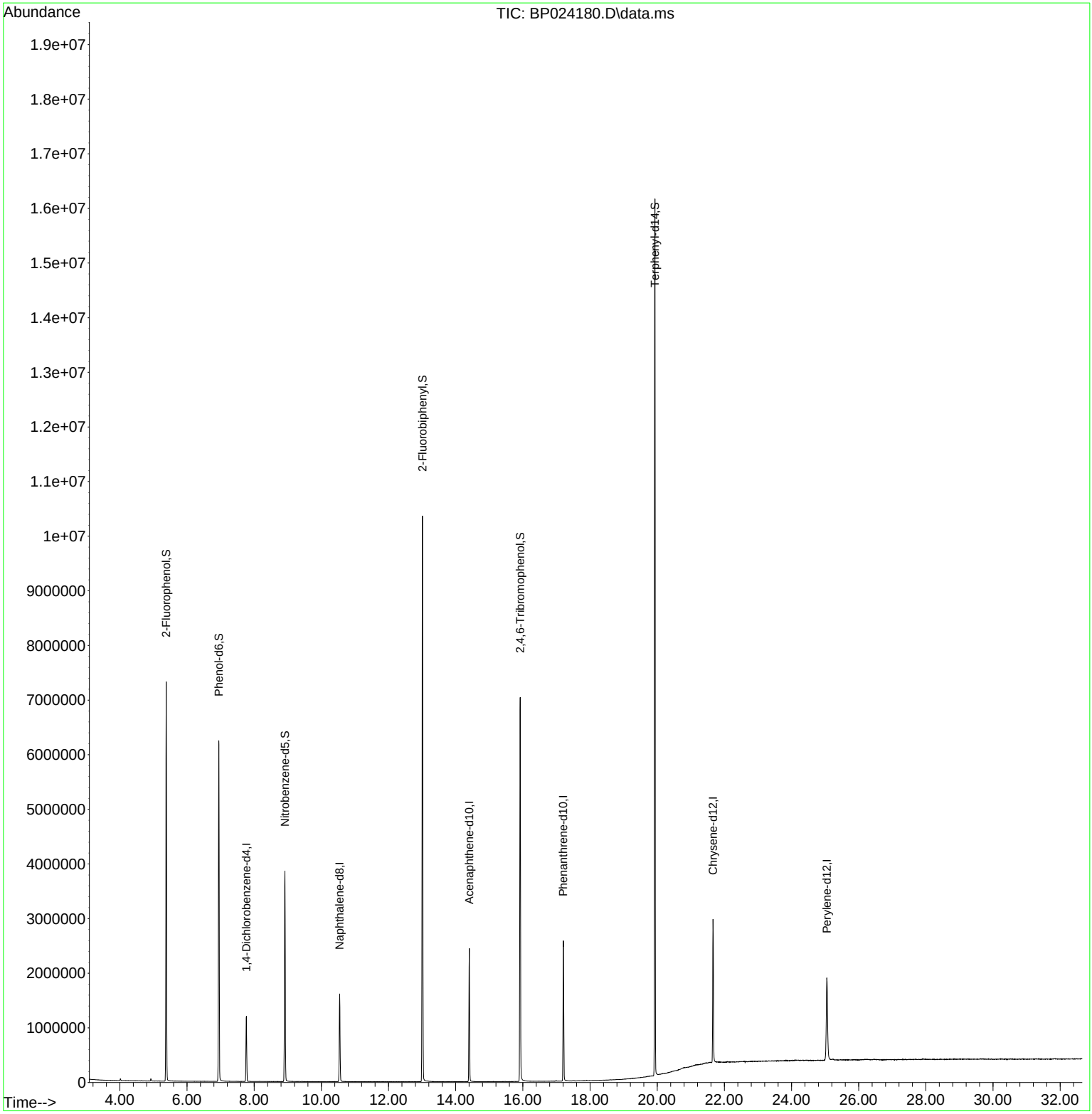
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	334055	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1336335	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	814855	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1550471	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1479758	20.000	ng	0.00
86) Perylene-d12	25.051	264	1571336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3169610	151.460	ng	0.00
7) Phenol-d6	6.946	99	4016663	143.529	ng	0.00
23) Nitrobenzene-d5	8.916	82	2294715	96.885	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1494177	145.573	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5406055	97.826	ng	0.00
79) Terphenyl-d14	19.933	244	7903635	110.254	ng	0.01
Target Compounds						Qvalue

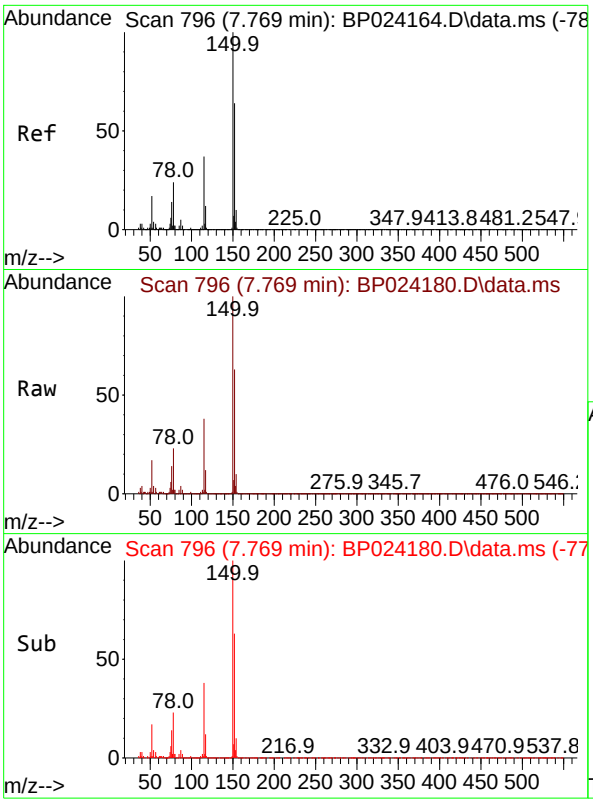
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Time: Mar 18 11:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



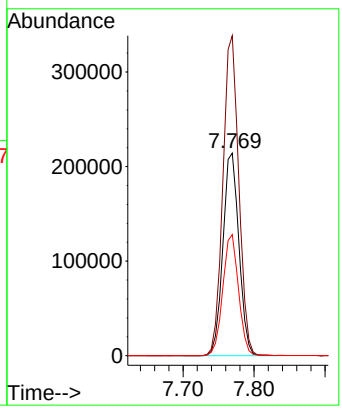


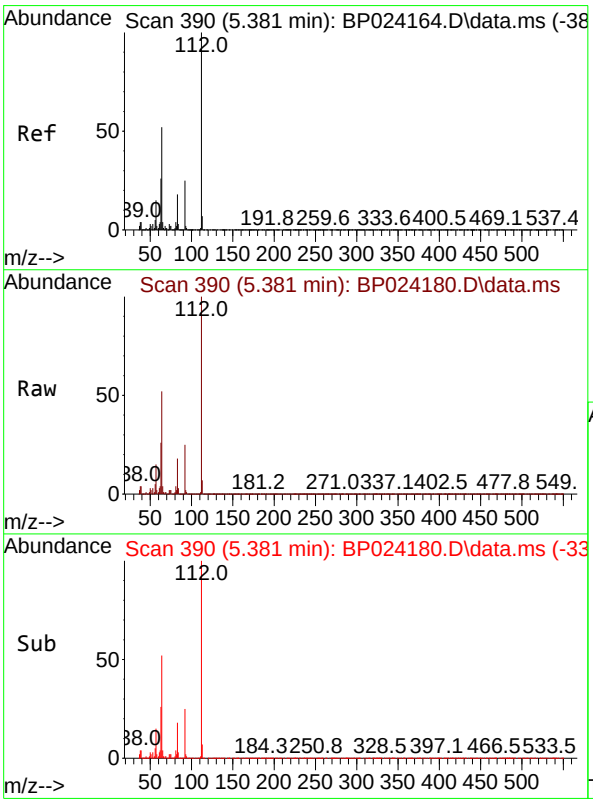
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion:152 Resp: 334055

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.5	188.3
115	59.8	46.3	69.5

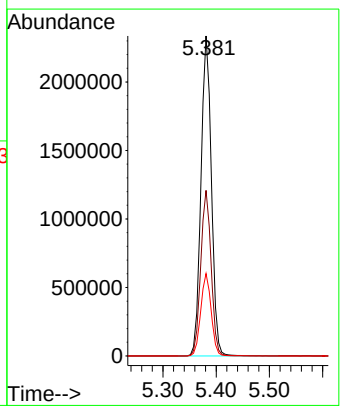


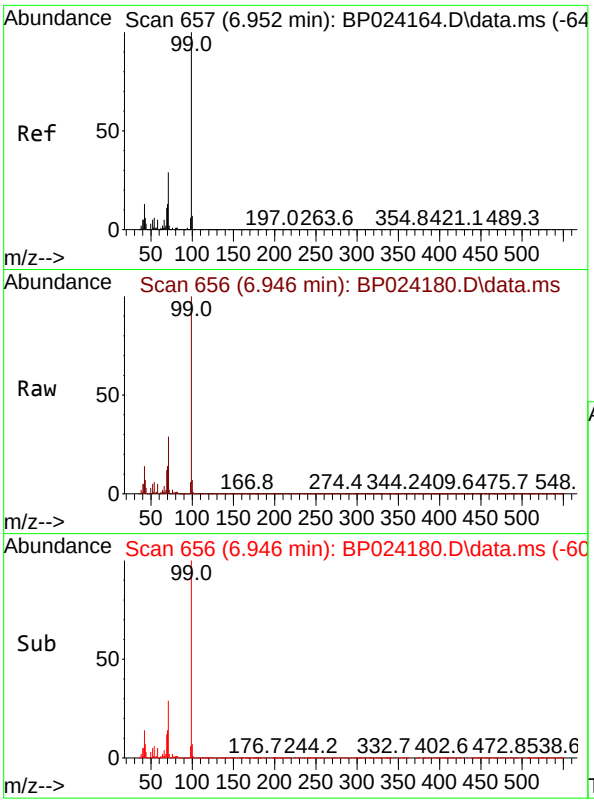


#5
2-Fluorophenol
Concen: 151.460 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:112 Resp: 3169610

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.3	61.9
63	25.8	20.6	31.0



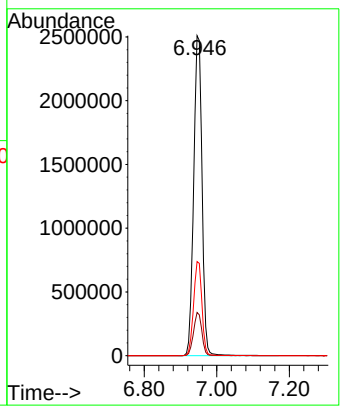


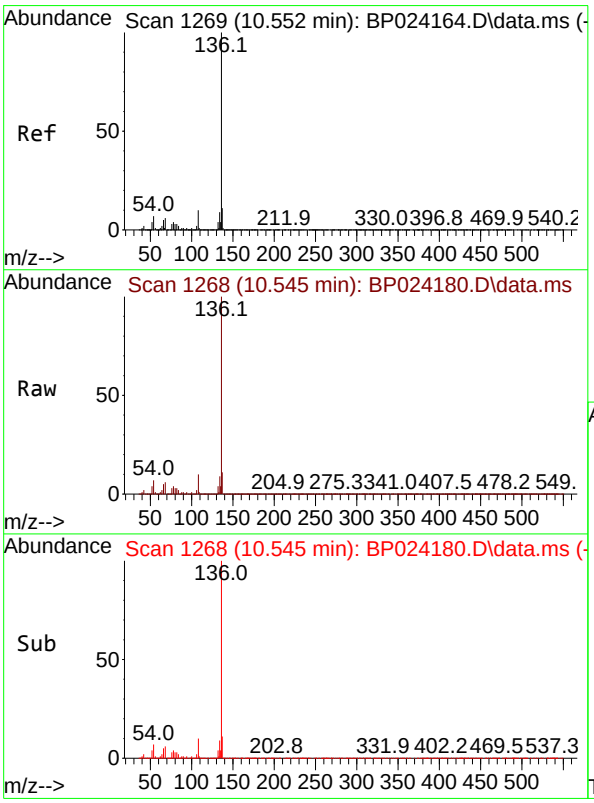
#7
Phenol-d6
Concen: 143.529 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion: 99 Resp: 4016663

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	29.4	23.3	34.9

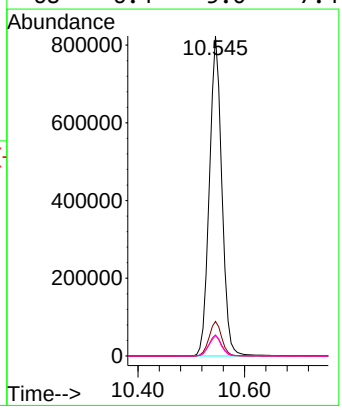


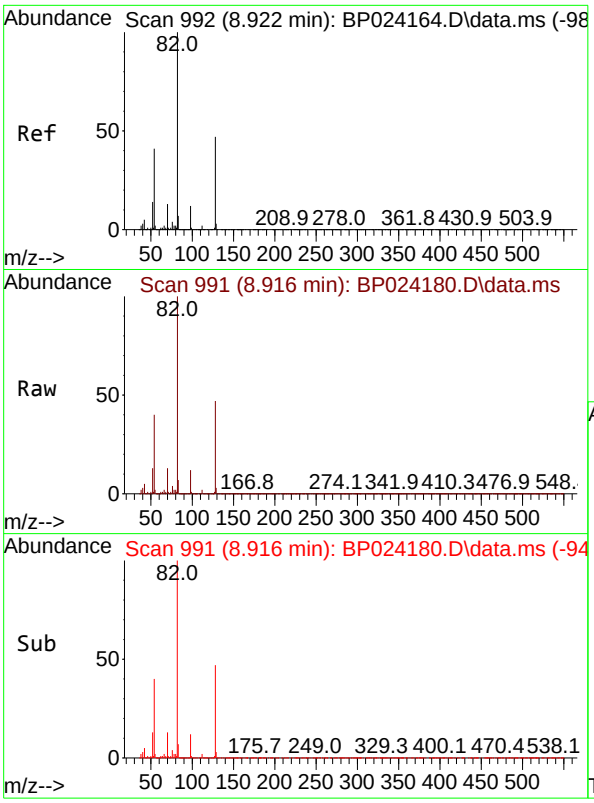


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:136 Resp: 1336335

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.3	7.9
68	6.4	5.0	7.4



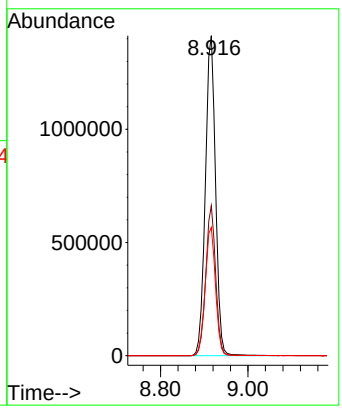


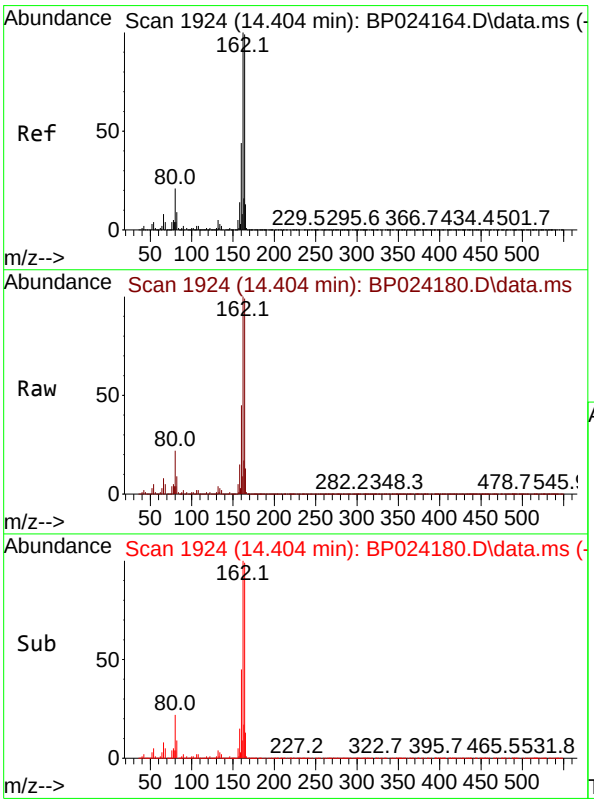
#23
Nitrobenzene-d5
Concen: 96.885 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion: 82 Resp: 2294715

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	40.1	32.5	48.7

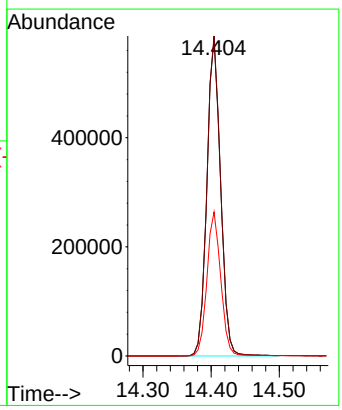


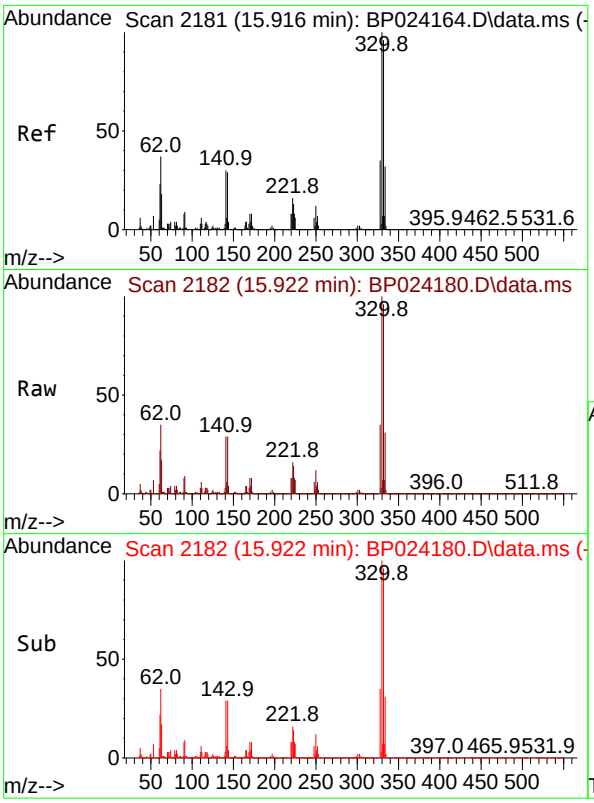


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:164 Resp: 814855

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.4	35.4	53.2



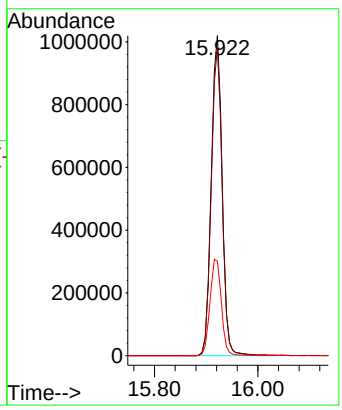


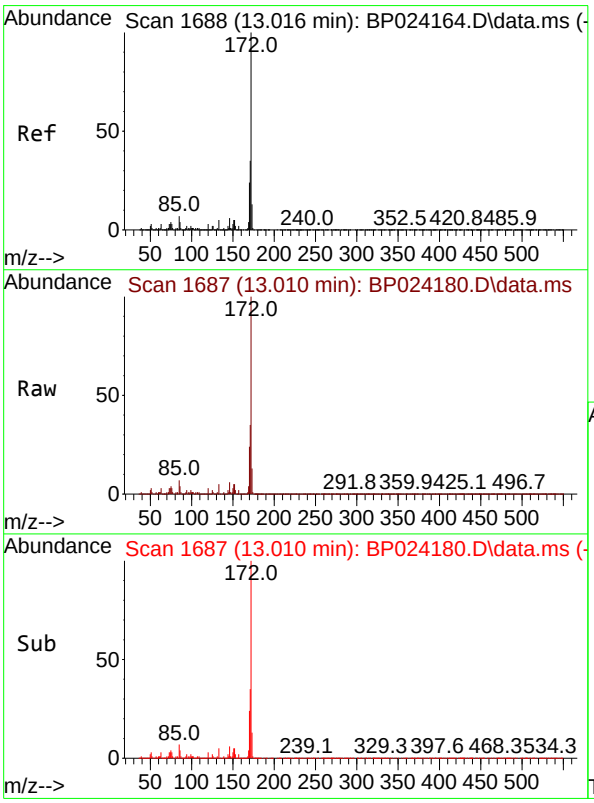
#42
2,4,6-Tribromophenol
Concen: 145.573 ng
RT: 15.922 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion:330 Resp: 1494177

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	31.6	25.0	37.6

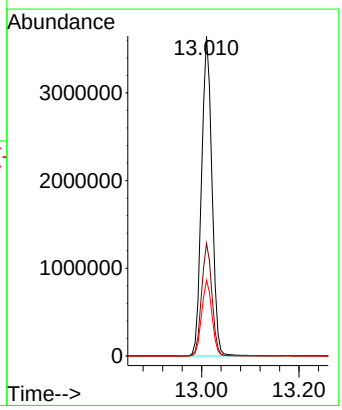


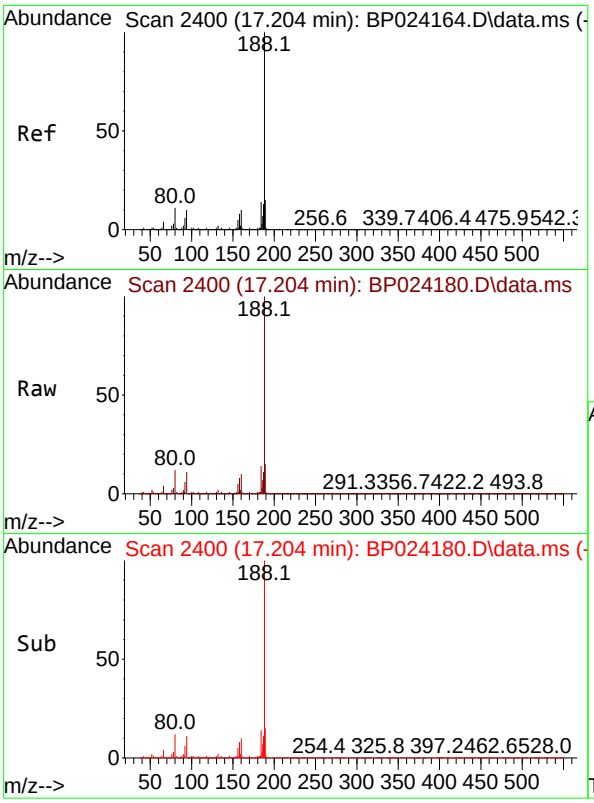


#45
2-Fluorobiphenyl
Concen: 97.826 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:172 Resp: 5406055

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.6	19.0	28.4



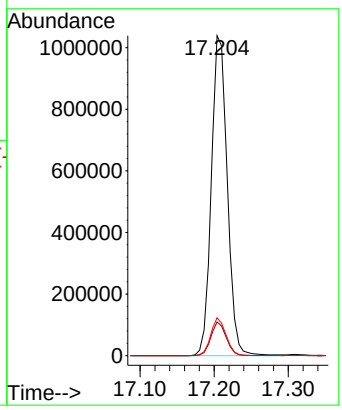


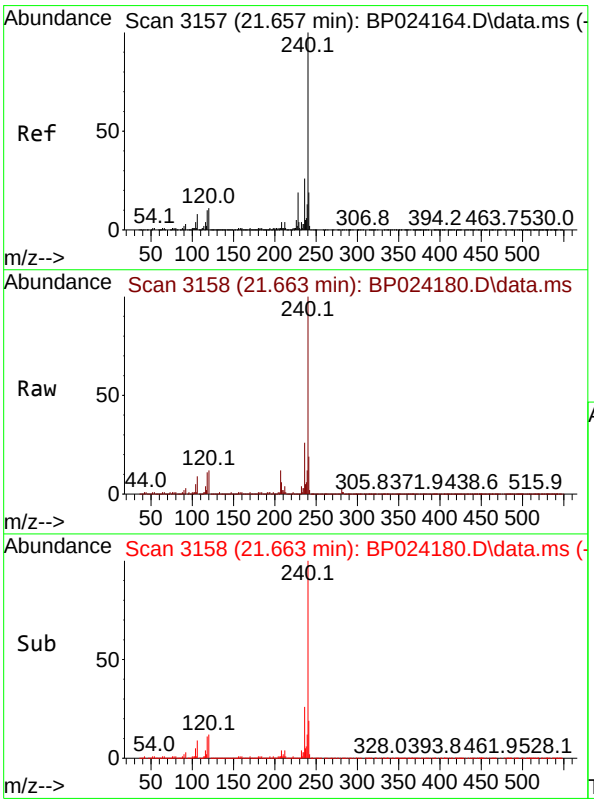
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion:188 Resp: 1550471

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.9	8.9	13.3

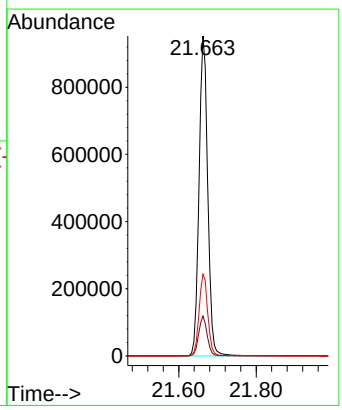


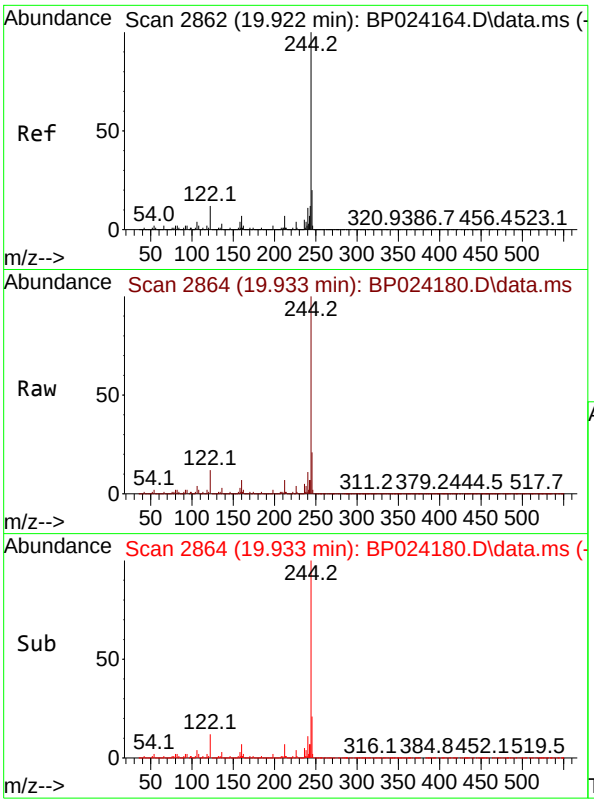


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3158
Delta R.T. 0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:240 Resp: 1479758

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	25.6	20.4	30.6



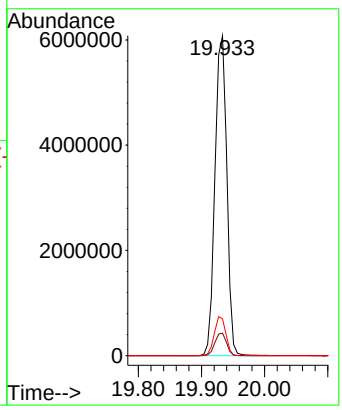


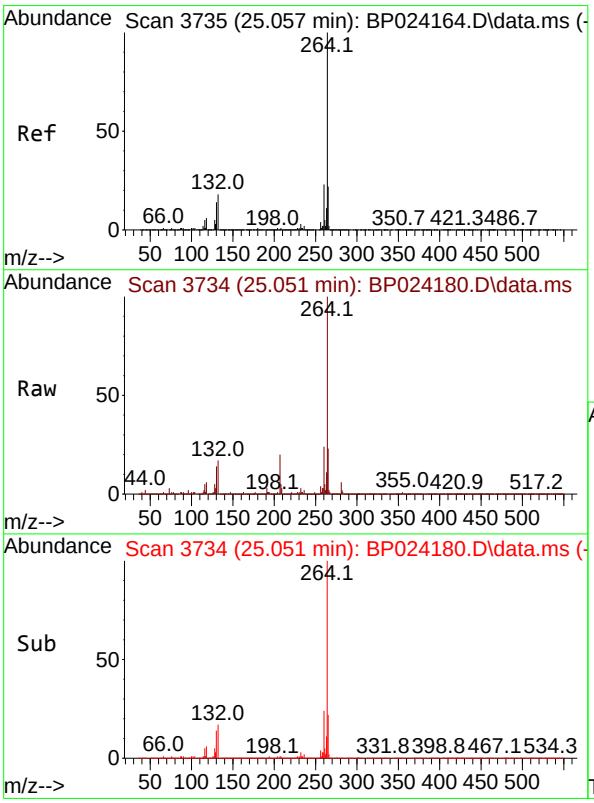
#79
Terphenyl-d14
Concen: 110.254 ng
RT: 19.933 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Tgt Ion:244 Resp: 7903635

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	9.6	14.4

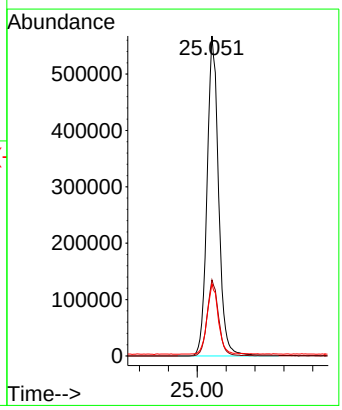




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.051 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:264 Resp: 1571336

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.5	17.7	26.5



Sample Results: **BP024180.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	383	390	407	rBV	7311118	9918018	47.31%	10.613%
2	6.946	648	656	675	rBV	6239505	10106661	48.20%	10.815%
3	7.769	788	796	805	rBV	1195498	1873988	8.94%	2.005%
4	8.916	982	991	1010	rBV	3855737	6296564	30.03%	6.738%
5	10.545	1259	1268	1287	rBV	1609048	2635931	12.57%	2.821%
6	13.010	1679	1687	1705	rBV	10358179	15342918	73.18%	16.418%
7	14.404	1917	1924	1945	rBV	2438301	3463550	16.52%	3.706%
8	15.922	2174	2182	2208	rBV	7031691	10863307	51.81%	11.625%
9	17.204	2394	2400	2413	rBV2	2569310	3851215	18.37%	4.121%
10	19.933	2858	2864	2878	rBV	16041623	20966090	100.00%	22.435%
11	21.663	3152	3158	3170	rBV2	2620829	4042822	19.28%	4.326%
12	25.051	3726	3734	3751	rVB	1494967	4090303	19.51%	4.377%

Sum of corrected areas: 93451367

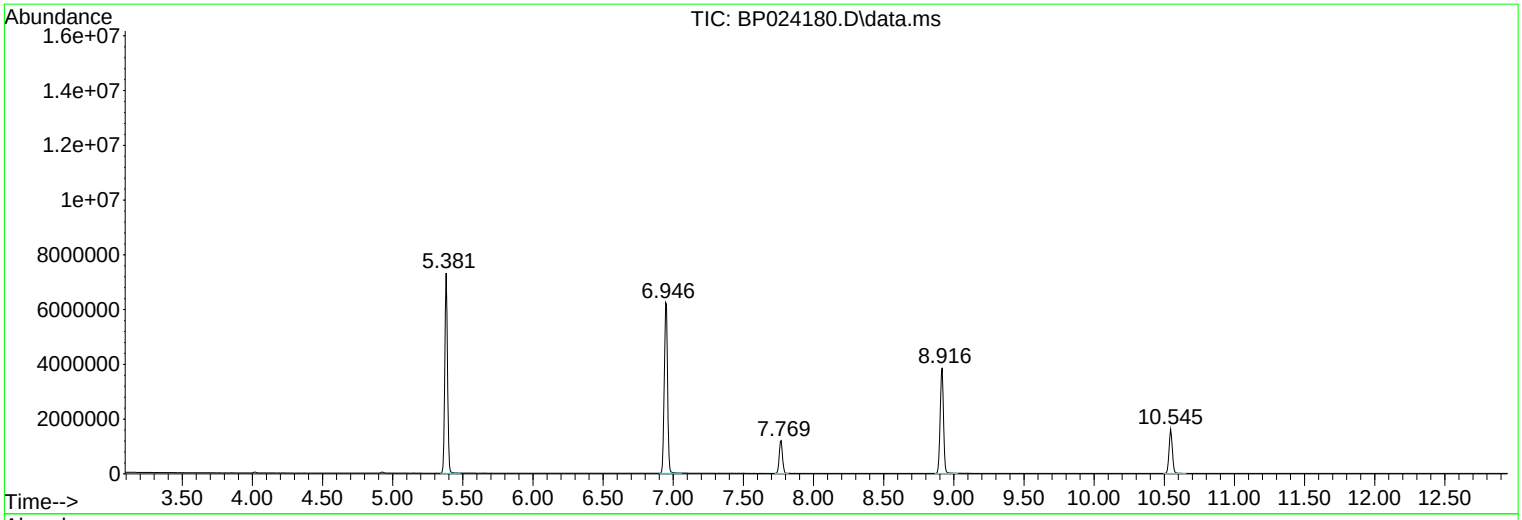
Sample Results: **BP024180.D**

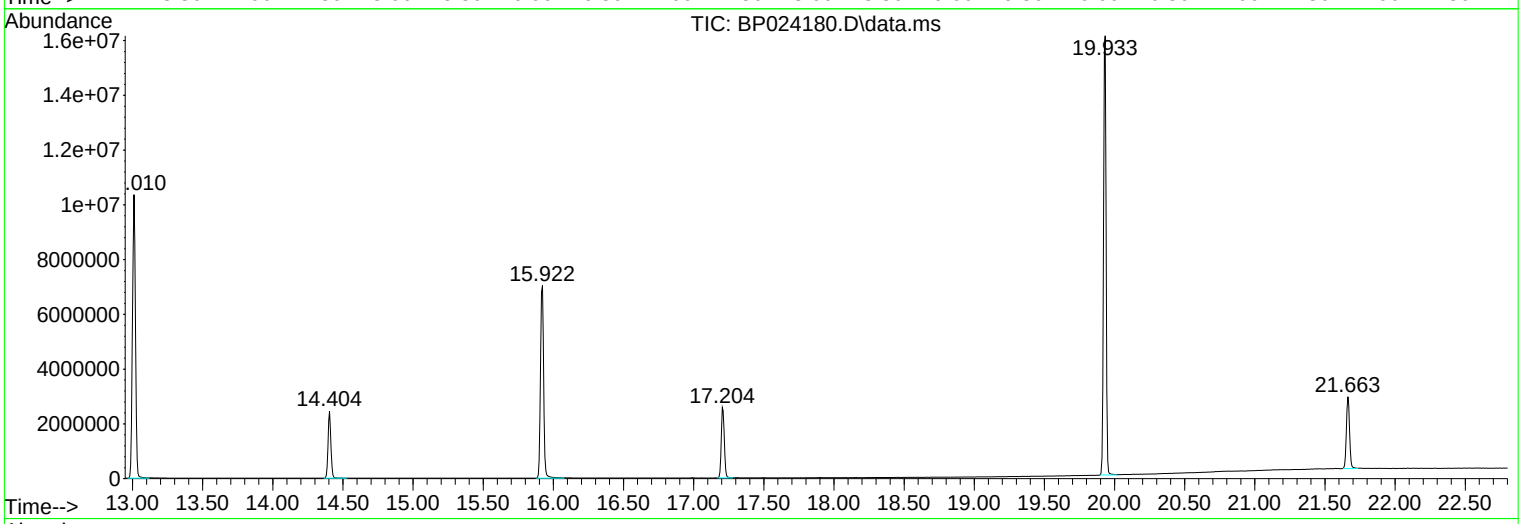
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

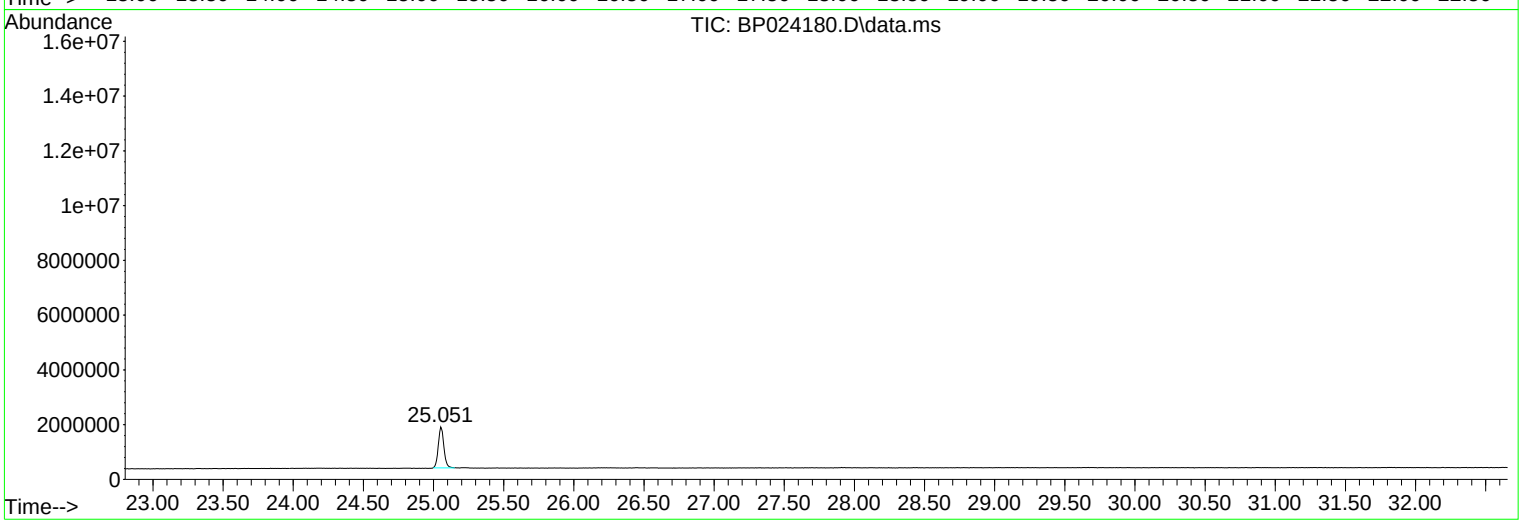
Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BP024180.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024181.D
Acq On : 18 Mar 2025 11:07
Operator : RC/JU
Sample : PB167157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Quant Time: Mar 18 11:49:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	330651	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1324493	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	810278	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1519988	20.000	ng		0.00
76) Chrysene-d12	21.669	240	1650496	20.000	ng		0.01
86) Perylene-d12	25.057	264	1679154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	3239471	156.392	ng		0.00
7) Phenol-d6	6.952	99	4090305	147.666	ng		0.00
23) Nitrobenzene-d5	8.922	82	2336787	99.543	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	1567625	153.591	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	5302619	96.496	ng		0.00
79) Terphenyl-d14	19.928	244	8176573	102.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	354433	43.167	ng		98
3) Pyridine	3.711	79	860358	38.330	ng		98
4) n-Nitrosodimethylamine	3.623	42	337476	45.008	ng		100
6) Aniline	7.105	93	958876	37.995	ng		98
8) 2-Chlorophenol	7.346	128	1045957	46.749	ng		99
9) Benzaldehyde	6.922	77	287327	21.495	ng		98
10) Phenol	6.981	94	1345578	48.120	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	994704	45.108	ng		99
12) 1,3-Dichlorobenzene	7.664	146	1085042	44.971	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1106186	44.903	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1066355	45.107	ng		100
15) Benzyl Alcohol	8.011	79	835938	47.668	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1064591	47.302	ng		97
17) 2-Methylphenol	8.216	107	862973	49.214	ng		100
18) Hexachloroethane	8.846	117	397431	45.472	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	722828	44.980	ng		98
20) 3+4-Methylphenols	8.540	107	1165885	48.396	ng		99
22) Acetophenone	8.587	105	1658596	49.531	ng	#	99
24) Nitrobenzene	8.963	77	1074581	46.402	ng		99
25) Isophorone	9.487	82	1941355	48.244	ng		99
26) 2-Nitrophenol	9.669	139	504613	45.617	ng		99
27) 2,4-Dimethylphenol	9.728	122	872998	61.374	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	1286717	45.452	ng		99
29) 2,4-Dichlorophenol	10.199	162	921412	47.885	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	939033	44.170	ng		99
31) Naphthalene	10.599	128	3065402	43.661	ng		100
32) Benzoic acid	9.875	122	699058	50.392	ng		100
33) 4-Chloroaniline	10.710	127	623657	24.821	ng		99
34) Hexachlorobutadiene	10.887	225	544411	44.496	ng		99
35) Caprolactam	11.499	113	333823	52.934	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	977487	47.090	ng		98
37) 2-Methylnaphthalene	12.210	142	2042388	43.059	ng		99
38) 1-Methylnaphthalene	12.434	142	2002912	43.415	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1147800	49.004	ng		99
41) Hexachlorocyclopentadiene	12.563	237	1373213	162.644	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	695273	46.708	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024181.D
Acq On : 18 Mar 2025 11:07
Operator : RC/JU
Sample : PB167157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Quant Time: Mar 18 11:49:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

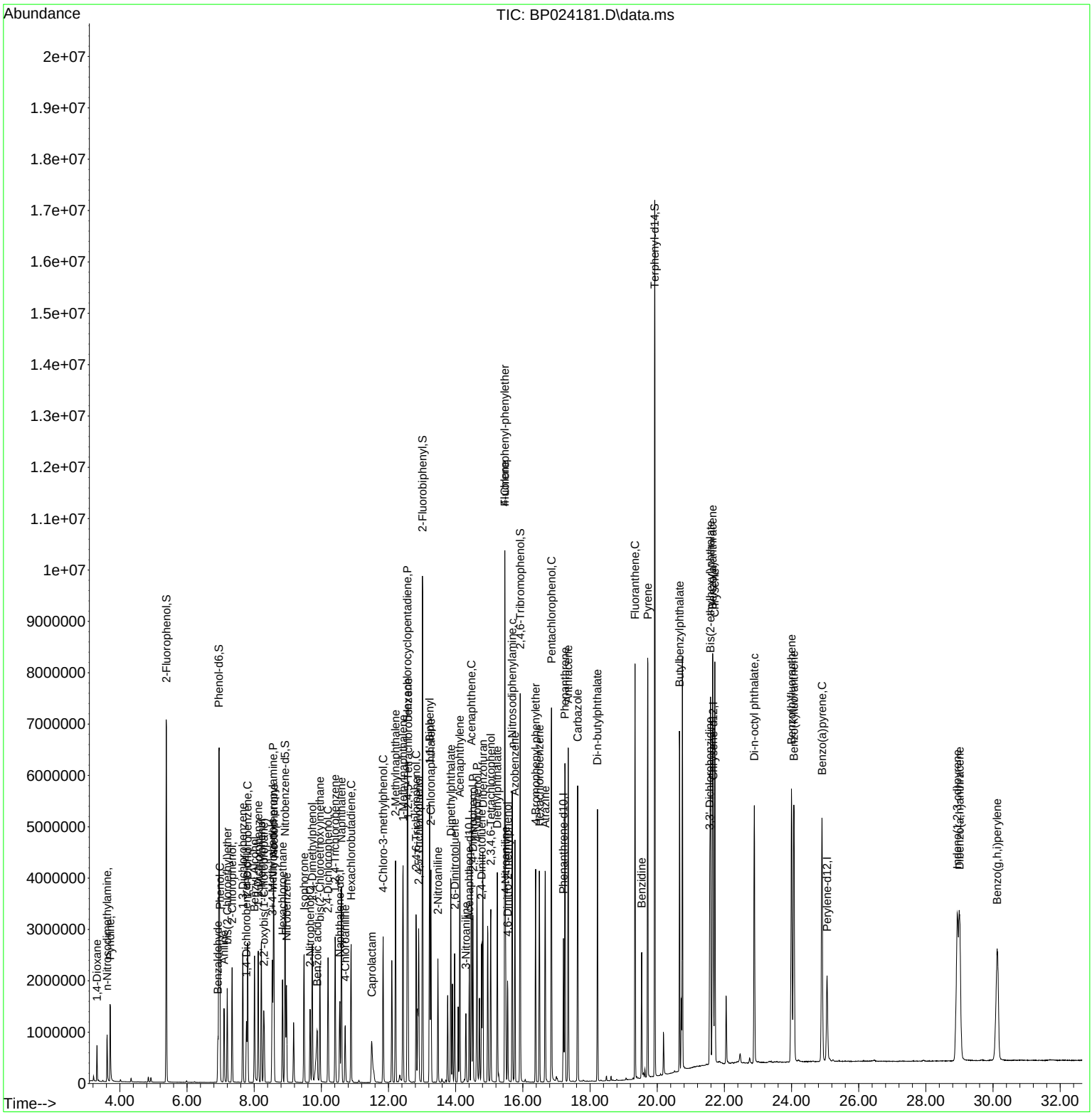
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	780193	47.792	ng		100
46) 1,1'-Biphenyl	13.228	154	2970132	48.780	ng		100
47) 2-Chloronaphthalene	13.263	162	2065291	45.095	ng		98
48) 2-Nitroaniline	13.469	65	578402	49.377	ng		96
49) Acenaphthylene	14.122	152	3327135	48.011	ng		100
50) Dimethylphthalate	13.857	163	2540405	44.807	ng		99
51) 2,6-Dinitrotoluene	13.969	165	553274	46.380	ng		99
52) Acenaphthene	14.469	154	2005750	45.300	ng		100
53) 3-Nitroaniline	14.304	138	388125	30.124	ng		99
54) 2,4-Dinitrophenol	14.516	184	727282	115.220	ng		99
55) Dibenzofuran	14.810	168	3101739	43.248	ng		99
56) 4-Nitrophenol	14.634	139	1179751	109.583	ng		99
57) 2,4-Dinitrotoluene	14.775	165	789863	50.127	ng		97
58) Fluorene	15.463	166	2559129	45.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	666462	46.209	ng		99
60) Diethylphthalate	15.240	149	2513522	44.519	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	1232138	44.956	ng		100
62) 4-Nitroaniline	15.487	138	615562	45.552	ng		99
63) Azobenzene	15.763	77	2437011	45.795	ng		98
65) 4,6-Dinitro-2-methylph...	15.545	198	427388	47.363	ng		96
66) n-Nitrosodiphenylamine	15.687	169	2179696	47.224	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	765644	45.880	ng		97
68) Hexachlorobenzene	16.492	284	899657	45.548	ng		97
69) Atrazine	16.669	200	843780	75.738	ng		99
70) Pentachlorophenol	16.851	266	1307939	102.396	ng		100
71) Phenanthrene	17.251	178	3886389	46.803	ng		100
72) Anthracene	17.351	178	3899598	48.218	ng		100
73) Carbazole	17.634	167	3705785	47.514	ng		99
74) Di-n-butylphthalate	18.222	149	4375417	47.258	ng		100
75) Fluoranthene	19.339	202	4465647	46.435	ng		100
77) Benzidine	19.539	184	1410850	78.183	ng		100
78) Pyrene	19.722	202	4772350	46.510	ng		100
80) Butylbenzylphthalate	20.663	149	2020153	47.741	ng		98
81) Benzo(a)anthracene	21.651	228	4828655	47.056	ng		100
82) 3,3'-Dichlorobenzidine	21.563	252	1193393	34.700	ng		99
83) Chrysene	21.716	228	4491727	45.533	ng		99
84) Bis(2-ethylhexyl)phtha...	21.586	149	2995615	46.917	ng		100
85) Di-n-octyl phthalate	22.892	149	4753251	46.464	ng		99
87) Indeno(1,2,3-cd)pyrene	28.933	276	5729823	48.893	ng	#	91
88) Benzo(b)fluoranthene	23.998	252	4826316	47.671	ng		97
89) Benzo(k)fluoranthene	24.069	252	4939409	49.876	ng		99
90) Benzo(a)pyrene	24.910	252	4563825	51.840	ng		99
91) Dibenzo(a,h)anthracene	29.004	278	4741549	48.632	ng		99
92) Benzo(g,h,i)perylene	30.121	276	4463272	45.033	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024181.D
Acq On : 18 Mar 2025 11:07
Operator : RC/JU
Sample : PB167157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Quant Time: Mar 18 11:49:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141980.D
Acq On : 17 Mar 2025 14:30
Operator : RC/JU
Sample : Q1585-01MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	138986	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	493410	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	238972	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	402192	20.000	ng		0.00
76) Chrysene-d12	14.045	240	316750	20.000	ng		0.00
86) Perylene-d12	15.521	264	247894	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	385727	46.319	ng		0.00
7) Phenol-d6	6.504	99	464515	43.810	ng		0.00
23) Nitrobenzene-d5	7.440	82	291625	33.261	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	136315	44.964	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	575675	36.636	ng		0.00
79) Terphenyl-d14	12.986	244	672453	31.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	81983	23.495	ng		98
3) Pyridine	3.452	79	167175	19.532	ng		98
4) n-Nitrosodimethylamine	3.381	42	90321	22.137	ng		99
6) Aniline	6.540	93	116059	11.096	ng		99
8) 2-Chlorophenol	6.663	128	204974	22.193	ng		99
9) Benzaldehyde	6.428	77	56854	9.588	ng		97
10) Phenol	6.516	94	239157	21.440	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	188562	22.513	ng		98
12) 1,3-Dichlorobenzene	6.822	146	227613	22.827	ng		98
13) 1,4-Dichlorobenzene	6.898	146	228363	22.635	ng		99
14) 1,2-Dichlorobenzene	7.051	146	215726	22.702	ng		99
15) Benzyl Alcohol	7.016	79	176222	20.558	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	205690	20.341	ng		99
17) 2-Methylphenol	7.128	107	154631	21.057	ng		99
18) Hexachloroethane	7.393	117	81405	21.517	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	140789	20.665	ng		100
20) 3+4-Methylphenols	7.281	107	198449	21.098	ng	#	73
22) Acetophenone	7.287	105	308907	26.143	ng		99
24) Nitrobenzene	7.457	77	200900	23.049	ng		99
25) Isophorone	7.698	82	365609	23.590	ng		99
26) 2-Nitrophenol	7.775	139	92364	21.591	ng		99
27) 2,4-Dimethylphenol	7.810	122	162808	27.639	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	221519	22.788	ng		99
29) 2,4-Dichlorophenol	8.016	162	158783	21.717	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	182835	22.691	ng		98
31) Naphthalene	8.187	128	572869	22.602	ng		100
32) Benzoic acid	7.893	122	112548	21.736	ng		99
33) 4-Chloroaniline	8.228	127	72772	8.133	ng		99
34) Hexachlorobutadiene	8.298	225	126143	24.006	ng		99
35) Caprolactam	8.575	113	51580	23.139	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	160103	19.630	ng		98
37) 2-Methylnaphthalene	8.875	142	354626	20.933	ng		100
38) 1-Methylnaphthalene	8.975	142	346641	21.204	ng		99
40) 1,2,4,5-Tetrachloroben...	9.040	216	196214	26.968	ng		99
41) Hexachlorocyclopentadiene	9.028	237	89081	31.285	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	110558	23.251	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141980.D
Acq On : 17 Mar 2025 14:30
Operator : RC/JU
Sample : Q1585-01MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

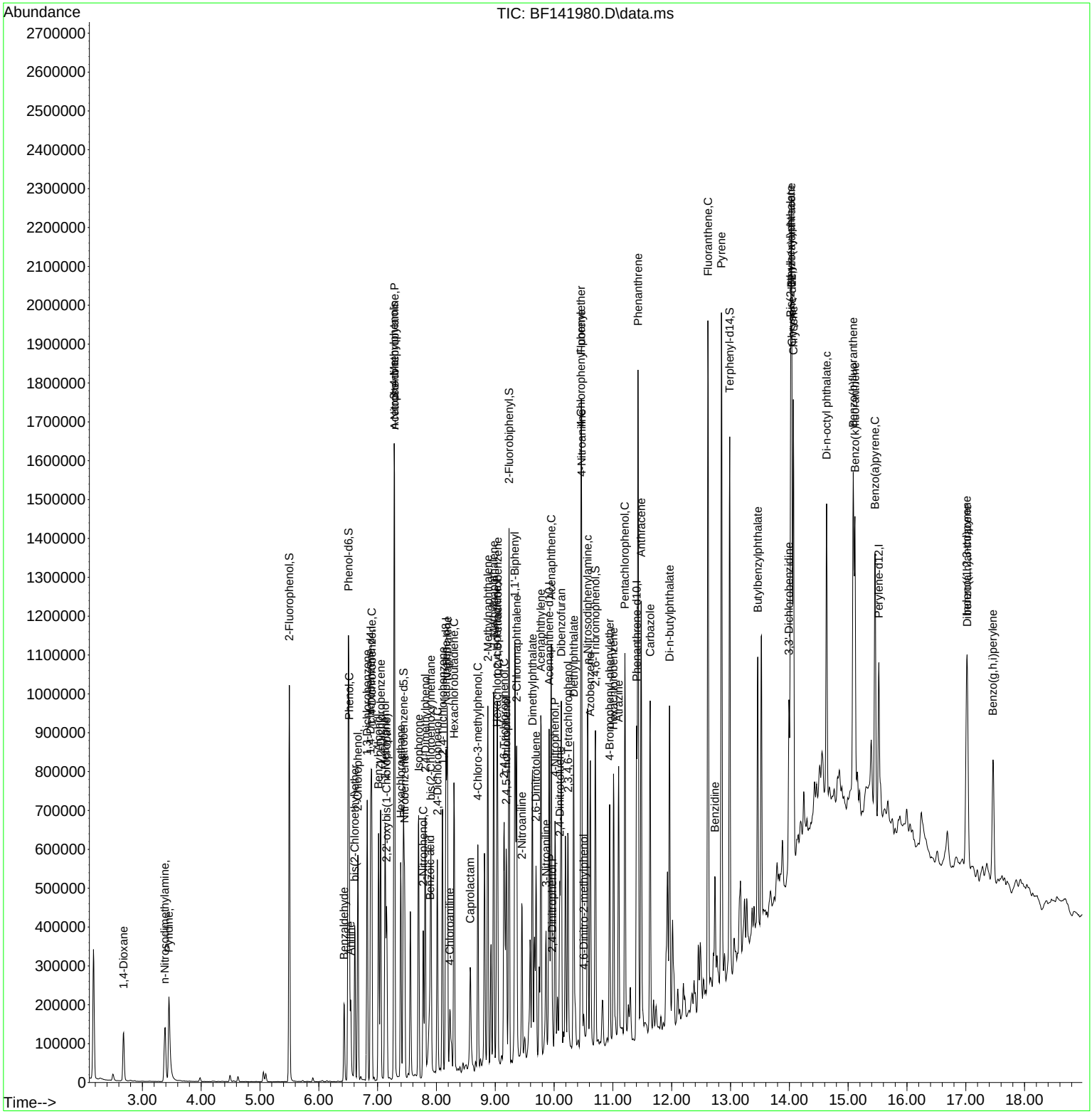
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113013	23.467	ng	99
46) 1,1'-Biphenyl	9.334	154	488892	26.925	ng	99
47) 2-Chloronaphthalene	9.363	162	318869	23.561	ng	98
48) 2-Nitroaniline	9.451	65	93476	23.855	ng	98
49) Acenaphthylene	9.775	152	529391	26.360	ng	100
50) Dimethylphthalate	9.634	163	400627	23.940	ng	99
51) 2,6-Dinitrotoluene	9.692	165	77976	22.379	ng	97
52) Acenaphthene	9.951	154	335924	23.801	ng	100
53) 3-Nitroaniline	9.863	138	68567	19.400	ng	98
54) 2,4-Dinitrophenol	9.969	184	16055	14.017	ng	97
55) Dibenzofuran	10.122	168	465340	23.075	ng	99
56) 4-Nitrophenol	10.016	139	134101	50.312	ng	98
57) 2,4-Dinitrotoluene	10.098	165	101899	22.391	ng	97
58) Fluorene	10.463	166	397162	25.538	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94204	21.497	ng	99
60) Diethylphthalate	10.334	149	381123	22.840	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181796	22.422	ng	97
62) 4-Nitroaniline	10.469	138	70786	20.572	ng	98
63) Azobenzene	10.616	77	349006	22.497	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	13669	5.701	ng	90
66) n-Nitrosodiphenylamine	10.569	169	299065	22.978	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	110273	21.832	ng	99
68) Hexachlorobenzene	11.010	284	122537	22.119	ng	99
69) Atrazine	11.098	200	118551	29.713	ng	98
70) Pentachlorophenol	11.204	266	159828	46.825	ng	99
71) Phenanthrene	11.428	178	899069	41.387	ng	99
72) Anthracene	11.481	178	602091	27.626	ng	99
73) Carbazole	11.633	167	481700	25.628	ng	99
74) Di-n-butylphthalate	11.963	149	571030	22.896	ng	99
75) Fluoranthene	12.616	202	983960	42.700	ng	100
77) Benzidine	12.733	184	164890	37.312	ng	99
78) Pyrene	12.845	202	1004516	36.662	ng	99
80) Butylbenzylphthalate	13.463	149	236626	22.065	ng	98
81) Benzo(a)anthracene	14.033	228	669134	32.193	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	130151	21.668	ng	99
83) Chrysene	14.069	228	598647	31.773	ng	98
84) Bis(2-ethylhexyl)phtha...	14.022	149	334726	22.638	ng	99
85) Di-n-octyl phthalate	14.633	149	511488	24.861	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	396395	24.719	ng	95
88) Benzo(b)fluoranthene	15.086	252	567086	33.378	ng	98
89) Benzo(k)fluoranthene	15.116	252	350299	24.093	ng	98
90) Benzo(a)pyrene	15.457	252	430507	32.384	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	282448	21.348	ng	98
92) Benzo(g,h,i)perylene	17.462	276	317558	24.288	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141980.D
Acq On : 17 Mar 2025 14:30
Operator : RC/JU
Sample : Q1585-01MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141981.D
Acq On : 17 Mar 2025 15:00
Operator : RC/JU
Sample : Q1585-01MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 17 15:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	122962	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	428074	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	210222	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	360568	20.000	ng		0.00
76) Chrysene-d12	14.045	240	282638	20.000	ng		0.00
86) Perylene-d12	15.521	264	213270	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	357779	48.561	ng		0.00
7) Phenol-d6	6.504	99	425661	45.377	ng		0.00
23) Nitrobenzene-d5	7.439	82	265875	34.953	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	126929	47.593	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	515884	37.321	ng		0.00
79) Terphenyl-d14	12.986	244	626391	32.766	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	77134	24.986	ng		99
3) Pyridine	3.451	79	165090	21.802	ng		97
4) n-Nitrosodimethylamine	3.381	42	80462	22.291	ng		94
6) Aniline	6.539	93	111079	12.004	ng		100
8) 2-Chlorophenol	6.663	128	187703	22.971	ng		98
9) Benzaldehyde	6.434	77	50735	9.671	ng		96
10) Phenol	6.516	94	223020	22.599	ng		97
11) bis(2-Chloroethyl)ether	6.610	93	173616	23.429	ng		98
12) 1,3-Dichlorobenzene	6.822	146	206380	23.395	ng		98
13) 1,4-Dichlorobenzene	6.898	146	210826	23.620	ng		99
14) 1,2-Dichlorobenzene	7.051	146	196004	23.314	ng		99
15) Benzyl Alcohol	7.016	79	160230	21.128	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190198	21.260	ng		100
17) 2-Methylphenol	7.128	107	141763	21.820	ng		99
18) Hexachloroethane	7.392	117	72524	21.668	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	125800	20.871	ng		99
20) 3+4-Methylphenols	7.281	107	185060	22.238	ng	#	74
22) Acetophenone	7.286	105	279857	27.299	ng		99
24) Nitrobenzene	7.457	77	183578	24.276	ng		100
25) Isophorone	7.698	82	333584	24.809	ng		99
26) 2-Nitrophenol	7.775	139	81983	22.089	ng		98
27) 2,4-Dimethylphenol	7.810	122	147078	28.780	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	200722	23.801	ng		99
29) 2,4-Dichlorophenol	8.016	162	145170	22.886	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	165028	23.607	ng		99
31) Naphthalene	8.186	128	524501	23.852	ng		99
32) Benzoic acid	7.886	122	108252m	24.097	ng		
33) 4-Chloroaniline	8.228	127	86978	11.205	ng		98
34) Hexachlorobutadiene	8.298	225	116089	25.465	ng		97
35) Caprolactam	8.575	113	47281	24.448	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	148595	21.000	ng		98
37) 2-Methylnaphthalene	8.875	142	321291	21.859	ng		99
38) 1-Methylnaphthalene	8.975	142	314911	22.203	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	180198	28.154	ng		99
41) Hexachlorocyclopentadiene	9.028	237	54883	21.911	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	99411	23.766	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141981.D
Acq On : 17 Mar 2025 15:00
Operator : RC/JU
Sample : Q1585-01MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 17 15:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101841	24.039	ng		98
46) 1,1'-Biphenyl	9.339	154	450681	28.215	ng		99
47) 2-Chloronaphthalene	9.363	162	293294	24.635	ng		98
48) 2-Nitroaniline	9.457	65	87104	25.269	ng		96
49) Acenaphthylene	9.780	152	489709	27.718	ng		99
50) Dimethylphthalate	9.633	163	361750	24.573	ng		100
51) 2,6-Dinitrotoluene	9.692	165	71293	23.259	ng		98
52) Acenaphthene	9.951	154	305530	24.608	ng		99
53) 3-Nitroaniline	9.863	138	66296	21.323	ng		99
54) 2,4-Dinitrophenol	9.969	184	9121	11.380	ng	#	32
55) Dibenzofuran	10.122	168	428947	24.179	ng		98
56) 4-Nitrophenol	10.016	139	122925	52.427	ng		98
57) 2,4-Dinitrotoluene	10.098	165	93849	23.443	ng	#	97
58) Fluorene	10.463	166	368013	26.900	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87893	22.799	ng		99
60) Diethylphthalate	10.333	149	342607	23.340	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	165480	23.200	ng		98
62) 4-Nitroaniline	10.469	138	69514	22.965	ng		95
63) Azobenzene	10.616	77	321117	23.530	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	8384	3.900	ng		82
66) n-Nitrosodiphenylamine	10.574	169	280032	24.000	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	101979	22.520	ng		99
68) Hexachlorobenzene	11.016	284	115374	23.230	ng		95
69) Atrazine	11.098	200	112097	31.338	ng		98
70) Pentachlorophenol	11.204	266	147715	48.273	ng		99
71) Phenanthrene	11.427	178	841818	43.225	ng		99
72) Anthracene	11.480	178	577698	29.566	ng		99
73) Carbazole	11.633	167	460642	27.337	ng		99
74) Di-n-butylphthalate	11.963	149	535762	23.962	ng		99
75) Fluoranthene	12.616	202	935046	45.261	ng		100
77) Benzidine	12.739	184	194488	49.321	ng		100
78) Pyrene	12.845	202	950264	38.868	ng		99
80) Butylbenzylphthalate	13.463	149	224636	23.475	ng		98
81) Benzo(a)anthracene	14.033	228	616040	33.215	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	127292	23.750	ng		98
83) Chrysene	14.068	228	560472	33.337	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	317279	24.047	ng		99
85) Di-n-octyl phthalate	14.633	149	467953	25.490	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	365791	26.514	ng		96
88) Benzo(b)fluoranthene	15.086	252	499038	34.142	ng		98
89) Benzo(k)fluoranthene	15.115	252	342364	27.371	ng		98
90) Benzo(a)pyrene	15.457	252	393947	34.445	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	257236	22.599	ng		99
92) Benzo(g,h,i)perylene	17.468	276	292869	26.036	ng		97

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

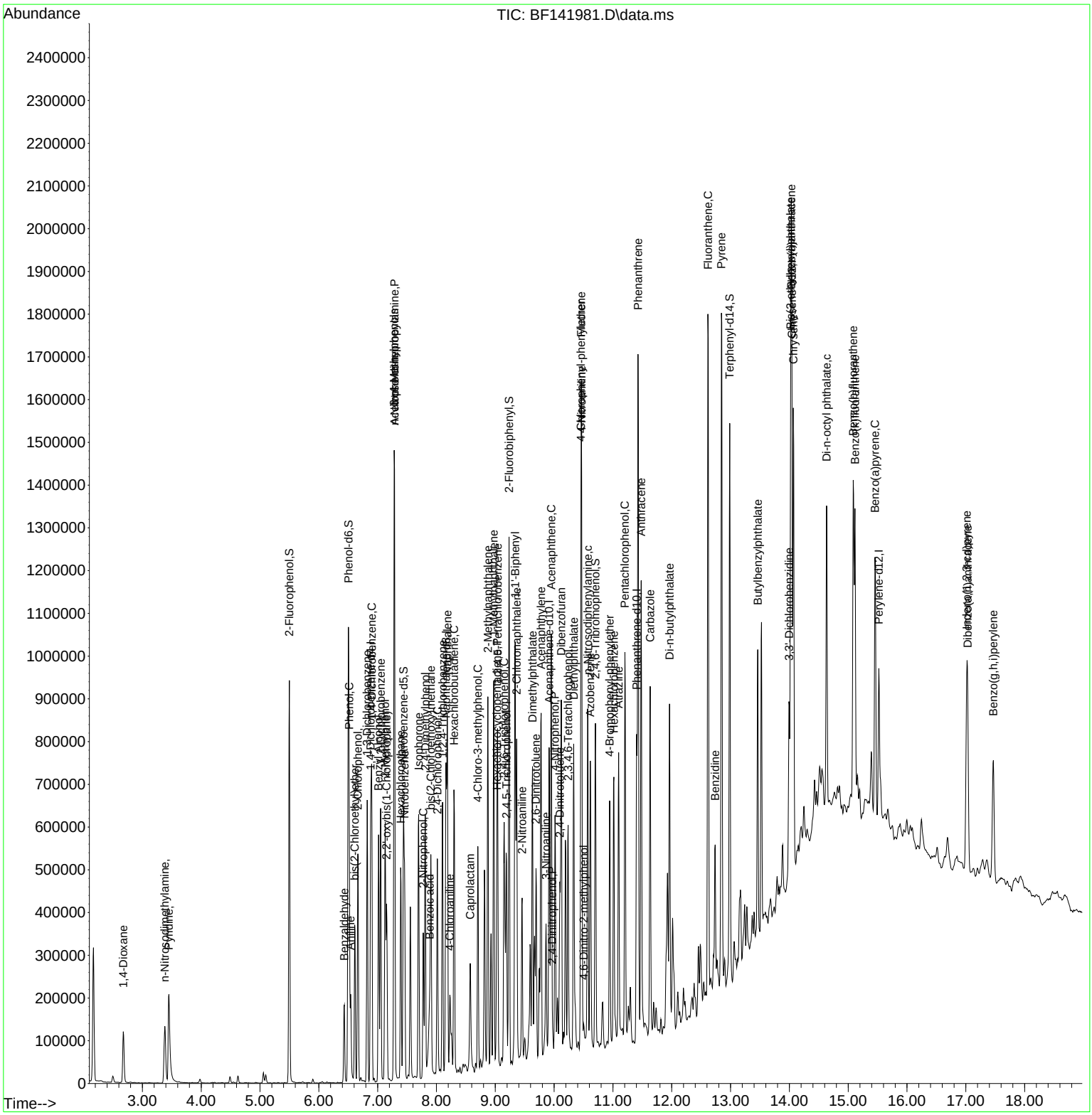
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141981.D
Acq On : 17 Mar 2025 15:00
Operator : RC/JU
Sample : Q1585-01MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 17 15:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



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

Manual Integration Report

Sequence:	BF031025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF141904.D	Caprolactam	anahy	3/11/2025 9:10:54 AM	Jagrut	3/11/2025 10:18:21 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF031725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF141973.D	Benzo(k)fluoranthene	anahy	3/18/2025 4:19:42 PM	Jagrut	3/18/2025 4:41:59 PM	Peak Integrated by Software
Q1585-01MSD	BF141981.D	Benzoic acid	anahy	3/18/2025 9:43:19 AM	Jagrut	3/18/2025 11:40:56 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP031225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024161.D	Benzaldehyde	anahy	3/13/2025 11:10:33 AM	Jagrut	3/13/2025 11:45:04 AM	Peak Integrated by Software
SSTDICC050	BP024165.D	Pyridine	anahy	3/13/2025 11:11:20 AM	Jagrut	3/13/2025 11:45:07 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Indeno(1,2,3-cd)pyrene	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Pyridine	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC080	BP024167.D	Pyridine	anahy	3/13/2025 11:39:57 AM	Jagrut	3/13/2025 11:45:11 AM	Peak Integrated by Software
SSTDICV040	BP024168.D	Benzo(g,h,i)perylene	anahy	3/13/2025 11:40:49 AM	Jagrut	3/13/2025 11:45:14 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP031825	Instrument	BNA_p

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM				
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM				
SubDirectory	BF031025	HP Acquire Method	BNA_F		HP Processing Method	bf031025	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141896.D	10 Mar 2025 10:31	RC/JU	Ok
2	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01	RC/JU	Ok
3	SSTDICC005	BF141898.D	10 Mar 2025 11:30	RC/JU	Ok
4	SSTDICC010	BF141899.D	10 Mar 2025 12:00	RC/JU	Ok
5	SSTDICC020	BF141900.D	10 Mar 2025 12:29	RC/JU	Ok
6	SSTDICCC040	BF141901.D	10 Mar 2025 12:58	RC/JU	Ok
7	SSTDICC050	BF141902.D	10 Mar 2025 13:28	RC/JU	Not Ok
8	SSTDICC060	BF141903.D	10 Mar 2025 13:57	RC/JU	Ok
9	SSTDICC080	BF141904.D	10 Mar 2025 14:27	RC/JU	Ok,M
10	SSTDICC050	BF141905.D	10 Mar 2025 15:20	RC/JU	Ok
11	SSTDICV040	BF141906.D	10 Mar 2025 15:53	RC/JU	Ok
12	PB167012BL	BF141907.D	10 Mar 2025 17:09	RC/JU	Ok
13	SP6752	BF141908.D	10 Mar 2025 17:39	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031725

Review By	anahy	Review On	3/18/2025 9:44:22 AM				
Supervise By	Jagrut	Supervise On	3/18/2025 11:41:13 AM				
SubDirectory	BF031725	HP Acquire Method	BNA_F		HP Processing Method	bf031025	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141972.D	17 Mar 2025 09:10	RC/JU	Ok
2	SSTDCCC040	BF141973.D	17 Mar 2025 09:39	RC/JU	Ok,M
3	PB167138BL	BF141974.D	17 Mar 2025 10:09	RC/JU	Ok
4	PB167138BS	BF141975.D	17 Mar 2025 10:38	RC/JU	Ok,M
5	Q1549-01	BF141976.D	17 Mar 2025 11:12	RC/JU	Ok,M
6	Q1585-01	BF141977.D	17 Mar 2025 13:01	RC/JU	Ok,M
7	Q1574-01	BF141978.D	17 Mar 2025 13:31	RC/JU	Not Ok
8	Q1581-01	BF141979.D	17 Mar 2025 14:00	RC/JU	Ok,M
9	Q1585-01MS	BF141980.D	17 Mar 2025 14:30	RC/JU	Ok
10	Q1585-01MSD	BF141981.D	17 Mar 2025 15:00	RC/JU	Ok,M
11	Q1574-01	BF141982.D	17 Mar 2025 15:29	RC/JU	Dilution
12	Q1568-04	BF141983.D	17 Mar 2025 16:01	RC/JU	Ok
13	Q1574-01DL	BF141984.D	17 Mar 2025 17:00	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM		
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM		
SubDirectory	BP031225	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024159.D	12 Mar 2025 15:36	RC/JU	Ok
2	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17	RC/JU	Ok
3	SSTDICC005	BP024161.D	12 Mar 2025 16:57	RC/JU	Ok,M
4	SSTDICC010	BP024162.D	12 Mar 2025 17:38	RC/JU	Ok
5	SSTDICC020	BP024163.D	12 Mar 2025 18:19	RC/JU	Ok
6	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	RC/JU	Ok
7	SSTDICC050	BP024165.D	12 Mar 2025 19:41	RC/JU	Ok,M
8	SSTDICC060	BP024166.D	12 Mar 2025 20:21	RC/JU	Ok,M
9	SSTDICC080	BP024167.D	12 Mar 2025 21:02	RC/JU	Ok,M
10	SSTDICV040	BP024168.D	12 Mar 2025 21:43	RC/JU	Ok,M
11	PB167078BL	BP024169.D	12 Mar 2025 22:24	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM		
Supervise By	mohammad	Supervise On	3/24/2025 3:03:08 AM		
SubDirectory	BP031825	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024178.D	18 Mar 2025 09:05	RC/JU	Ok
2	SSTDCCC040	BP024179.D	18 Mar 2025 09:46	RC/JU	Ok
3	PB167157BL	BP024180.D	18 Mar 2025 10:26	RC/JU	Ok
4	PB167157BS	BP024181.D	18 Mar 2025 11:07	RC/JU	Ok
5	PB167171BS	BP024182.D	18 Mar 2025 11:48	RC/JU	Ok,M
6	PB167171BSD	BP024183.D	18 Mar 2025 12:29	RC/JU	Ok,M
7	PB167171BL	BP024184.D	18 Mar 2025 13:10	RC/JU	Ok
8	Q1583-02	BP024185.D	18 Mar 2025 13:57	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM		
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM		
SubDirectory	BF031025	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141896.D	10 Mar 2025 10:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141898.D	10 Mar 2025 11:30	Compound#9,32,54,65 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141899.D	10 Mar 2025 12:00		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF141900.D	10 Mar 2025 12:29	Compound #54 Kept on LR, Method is good for DOD . Method failed for compound #77.	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF141901.D	10 Mar 2025 12:58		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141902.D	10 Mar 2025 13:28	Not used	RC/JU	Not Ok
8	SSTDICC060	SSTDICC060	BF141903.D	10 Mar 2025 13:57	Compound#69 Removed from 60 ppm	RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141904.D	10 Mar 2025 14:27	Compound#9,69 Removed from 80 ppm	RC/JU	Ok,M
10	SSTDICC050	SSTDICC050	BF141905.D	10 Mar 2025 15:20		RC/JU	Ok
11	SSTDICV040	ICVBF031025	BF141906.D	10 Mar 2025 15:53		RC/JU	Ok
12	PB167012BL	PB167012BL	BF141907.D	10 Mar 2025 17:09		RC/JU	Ok
13	SP6752	SP6752	BF141908.D	10 Mar 2025 17:39	8270 SPIKE-SP6752	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031725

Review By	anahy	Review On	3/18/2025 9:44:22 AM		
Supervise By	Jagrut	Supervise On	3/18/2025 11:41:13 AM		
SubDirectory	BF031725	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141972.D	17 Mar 2025 09:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141973.D	17 Mar 2025 09:39		RC/JU	Ok,M
3	PB167138BL	PB167138BL	BF141974.D	17 Mar 2025 10:09		RC/JU	Ok
4	PB167138BS	PB167138BS	BF141975.D	17 Mar 2025 10:38		RC/JU	Ok,M
5	Q1549-01	72-11978	BF141976.D	17 Mar 2025 11:12		RC/JU	Ok,M
6	Q1585-01	OK-02-03142025	BF141977.D	17 Mar 2025 13:01		RC/JU	Ok,M
7	Q1574-01	WC1	BF141978.D	17 Mar 2025 13:31	Poor internal standard recovery, Analyze with straight 5X	RC/JU	Not Ok
8	Q1581-01	TR-06-031425	BF141979.D	17 Mar 2025 14:00		RC/JU	Ok,M
9	Q1585-01MS	OK-02-03142025MS	BF141980.D	17 Mar 2025 14:30		RC/JU	Ok
10	Q1585-01MSD	OK-02-03142025MSD	BF141981.D	17 Mar 2025 15:00		RC/JU	Ok,M
11	Q1574-01	WC1	BF141982.D	17 Mar 2025 15:29	Need further 5X Dilution	RC/JU	Dilution
12	Q1568-04	JC-03-03132025	BF141983.D	17 Mar 2025 16:01		RC/JU	Ok
13	Q1574-01DL	WC1DL	BF141984.D	17 Mar 2025 17:00		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM		
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM		
SubDirectory	BP031225	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024159.D	12 Mar 2025 15:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024161.D	12 Mar 2025 16:57	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024162.D	12 Mar 2025 17:38		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP024163.D	12 Mar 2025 18:19		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	This calibration is good for 8270E and 8270E DOD methods	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024165.D	12 Mar 2025 19:41		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024166.D	12 Mar 2025 20:21	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024167.D	12 Mar 2025 21:02	Compound #32,54,69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP031225	BP024168.D	12 Mar 2025 21:43		RC/JU	Ok,M
11	PB167078BL	PB167078BL	BP024169.D	12 Mar 2025 22:24		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM		
Supervise By	mohammad	Supervise On	3/24/2025 3:03:08 AM		
SubDirectory	BP031825	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024178.D	18 Mar 2025 09:05		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024179.D	18 Mar 2025 09:46		RC/JU	Ok
3	PB167157BL	PB167157BL	BP024180.D	18 Mar 2025 10:26		RC/JU	Ok
4	PB167157BS	PB167157BS	BP024181.D	18 Mar 2025 11:07		RC/JU	Ok
5	PB167171BS	PB167171BS	BP024182.D	18 Mar 2025 11:48		RC/JU	Ok,M
6	PB167171BSD	PB167171BSD	BP024183.D	18 Mar 2025 12:29		RC/JU	Ok,M
7	PB167171BL	PB167171BL	BP024184.D	18 Mar 2025 13:10		RC/JU	Ok
8	Q1583-02	EFF-WASTE WATER	BP024185.D	18 Mar 2025 13:57	Surrogate Fail	RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167157

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-1

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: N/A

Extraction Start Date : 03/17/2025

Extraction Start Time : 09:15

Extraction End Date : 03/17/2025

Extraction End Time : 12:15

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	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
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
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2593
Sand	N/A	EP2865
Methylene Chloride	N/A	E3904
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/17/25	RS (Ext lab)	RC/SVOC
12:20	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167157

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/17/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167157BL	SBLK157	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U2-1
PB167157BS	SLCS157	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1574-01	WC1	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	C		3
Q1581-01	TR-06-031425	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1585-01	OK-02-03142025	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1585-01MS	OK-02-03142025MS	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q1585-01MS D	OK-02-03142025MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		U3-1

RS
3/17

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

16 7 15 9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1585BN **WorkList ID :** 188311 **Department :** Extraction **Date :** 03-17-2025 08:41:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1574-01	WC1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	I41	03/12/2025	8270E
Q1581-01	TR-06-031425	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I41	03/14/2025	8270E
Q1585-01	OK-02-03142025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I41	03/14/2025	8270E

Date/Time 03/17/25 9:10
Raw Sample Received by: RJ (EH-Lab)
Raw Sample Relinquished by: OA SM

Date/Time 03/17/25 9:30
Raw Sample Received by: OA SM
Raw Sample Relinquished by: RJ (EH-Lab)

K J I H G F E D C B A

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LAB CHRONICLE

OrderID:	Q1574	**OrderDate:**	3/14/2025 11:25:00 AM
Client:	G Environmental	**Project:**	Ave L
Contact:	Gary Landis	**Location:**	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	**WC1**	**SOIL**			**03/12/25**			**03/14/25**
			SVOC-TCL BNA -20	8270E		03/17/25	03/17/25	
Q1574-01DL	**WC1DL**	**SOIL**			**03/12/25**			**03/14/25**
			SVOC-TCL BNA -20	8270E		03/17/25	03/17/25	