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

Hit Summary Sheet
SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SED-1									
Q3586-01	SED-1	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	Butyl tetracosyl ether	*	250.000	J	0	0	ug/Kg
Q3586-01	SED-1	SOIL	n-Hexadecanoic acid	*	360.000	J	0	0	ug/Kg
			Total Tics :		**950.00**				
			Total Concentration:		**950.00**				
Client ID : SED-2									
Q3586-02	SED-2	SOIL	Bis(2-ethylhexyl)phthalate		270.000	J	140	410	ug/Kg
			Total Svoc :		**270.00**				
Q3586-02	SED-2	SOIL	1-Tricosene	*	270.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Benzophenone	*	910.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Docosane, 11-butyl-	*	1,200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	n-Hexadecanoic acid	*	490.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Octadecane	*	200.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Tetracosane	*	240.000	J	0	0	ug/Kg
Q3586-02	SED-2	SOIL	Triacontane	*	460.000	J	0	0	ug/Kg
			Total Tics :		**4,010.00**				
			Total Concentration:		**4,280.00**				
Client ID : SED-3									
Q3586-03	SED-3	SOIL	Bis(2-ethylhexyl)phthalate		200.000	J	120	330	ug/Kg
			Total Svoc :		**200.00**				
Q3586-03	SED-3	SOIL	n-Hexadecanoic acid	*	640.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Octadecanoic acid	*	130.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	1-Heneicosyl formate	*	350.000	J	0	0	ug/Kg
Q3586-03	SED-3	SOIL	Benzophenone	*	420.000	J	0	0	ug/Kg
			Total Tics :		**1,540.00**				
			Total Concentration:		**1,740.00**				

SAMPLE DATA

Raw Data: **BF144201.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	11/11/25 14:09	PB170478
108-95-2	Phenol	35.1	U	1	35.1	270	ug/Kg	11/11/25 14:09	PB170478
111-44-4	bis(2-Chloroethyl)ether	38.6	U	1	38.6	270	ug/Kg	11/11/25 14:09	PB170478
95-57-8	2-Chlorophenol	38.8	U	1	38.8	270	ug/Kg	11/11/25 14:09	PB170478
95-48-7	2-Methylphenol	47.5	U	1	47.5	270	ug/Kg	11/11/25 14:09	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	1	59.6	270	ug/Kg	11/11/25 14:09	PB170478
98-86-2	Acetophenone	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
65794-96-9	3+4-Methylphenols	65.3	U	1	65.3	520	ug/Kg	11/11/25 14:09	PB170478
621-64-7	n-Nitroso-di-n-propylamine	75.3	U	1	75.3	130	ug/Kg	11/11/25 14:09	PB170478
67-72-1	Hexachloroethane	28.0	U	1	28.0	270	ug/Kg	11/11/25 14:09	PB170478
98-95-3	Nitrobenzene	29.1	U	1	29.1	270	ug/Kg	11/11/25 14:09	PB170478
78-59-1	Isophorone	52.1	U	1	52.1	270	ug/Kg	11/11/25 14:09	PB170478
88-75-5	2-Nitrophenol	92.5	U	1	92.5	270	ug/Kg	11/11/25 14:09	PB170478
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
111-91-1	bis(2-Chloroethoxy)methane	49.0	U	1	49.0	270	ug/Kg	11/11/25 14:09	PB170478
120-83-2	2,4-Dichlorophenol	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
91-20-3	Naphthalene	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
106-47-8	4-Chloroaniline	56.3	UQ	1	56.3	270	ug/Kg	11/11/25 14:09	PB170478
87-68-3	Hexachlorobutadiene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
105-60-2	Caprolactam	82.8	U	1	82.8	520	ug/Kg	11/11/25 14:09	PB170478
59-50-7	4-Chloro-3-methylphenol	45.6	U	1	45.6	270	ug/Kg	11/11/25 14:09	PB170478
91-57-6	2-Methylnaphthalene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	11/11/25 14:09	PB170478
88-06-2	2,4,6-Trichlorophenol	31.5	U	1	31.5	270	ug/Kg	11/11/25 14:09	PB170478
95-95-4	2,4,5-Trichlorophenol	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
92-52-4	1,1-Biphenyl	34.6	U	1	34.6	270	ug/Kg	11/11/25 14:09	PB170478
91-58-7	2-Chloronaphthalene	35.8	U	1	35.8	270	ug/Kg	11/11/25 14:09	PB170478
88-74-4	2-Nitroaniline	76.4	U	1	76.4	270	ug/Kg	11/11/25 14:09	PB170478
131-11-3	Dimethylphthalate	43.1	U	1	43.1	270	ug/Kg	11/11/25 14:09	PB170478
208-96-8	Acenaphthylene	45.9	U	1	45.9	270	ug/Kg	11/11/25 14:09	PB170478
606-20-2	2,6-Dinitrotoluene	53.4	U	1	53.4	270	ug/Kg	11/11/25 14:09	PB170478
99-09-2	3-Nitroaniline	73.1	UQ	1	73.1	270	ug/Kg	11/11/25 14:09	PB170478
83-32-9	Acenaphthene	33.9	U	1	33.9	270	ug/Kg	11/11/25 14:09	PB170478
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	11/11/25 14:09	PB170478
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	11/11/25 14:09	PB170478
132-64-9	Dibenzofuran	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
121-14-2	2,4-Dinitrotoluene	79.6	U	1	79.6	270	ug/Kg	11/11/25 14:09	PB170478
84-66-2	Diethylphthalate	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
7005-72-3	4-Chlorophenyl-phenylether	42.4	U	1	42.4	270	ug/Kg	11/11/25 14:09	PB170478
86-73-7	Fluorene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	11/11/25 14:09	PB170478

Raw Data: **BF144201.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.3	U	1	52.3	270	ug/Kg	11/11/25 14:09	PB170478
101-55-3	4-Bromophenyl-phenylether	44.2	U	1	44.2	270	ug/Kg	11/11/25 14:09	PB170478
118-74-1	Hexachlorobenzene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
1912-24-9	Atrazine	54.0	U	1	54.0	270	ug/Kg	11/11/25 14:09	PB170478
87-86-5	Pentachlorophenol	81.5	U	1	81.5	520	ug/Kg	11/11/25 14:09	PB170478
85-01-8	Phenanthrene	33.2	U	1	33.2	270	ug/Kg	11/11/25 14:09	PB170478
120-12-7	Anthracene	52.9	U	1	52.9	270	ug/Kg	11/11/25 14:09	PB170478
86-74-8	Carbazole	49.6	U	1	49.6	270	ug/Kg	11/11/25 14:09	PB170478
84-74-2	Di-n-butylphthalate	76.1	U	1	76.1	270	ug/Kg	11/11/25 14:09	PB170478
206-44-0	Fluoranthene	47.7	U	1	47.7	270	ug/Kg	11/11/25 14:09	PB170478
129-00-0	Pyrene	57.2	U	1	57.2	270	ug/Kg	11/11/25 14:09	PB170478
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	11/11/25 14:09	PB170478
91-94-1	3,3-Dichlorobenzidine	58.3	U	1	58.3	520	ug/Kg	11/11/25 14:09	PB170478
56-55-3	Benzo(a)anthracene	36.6	U	1	36.6	270	ug/Kg	11/11/25 14:09	PB170478
218-01-9	Chrysene	31.6	U	1	31.6	270	ug/Kg	11/11/25 14:09	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	94.1	U	1	94.1	270	ug/Kg	11/11/25 14:09	PB170478
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	11/11/25 14:09	PB170478
205-99-2	Benzo(b)fluoranthene	30.2	U	1	30.2	270	ug/Kg	11/11/25 14:09	PB170478
207-08-9	Benzo(k)fluoranthene	35.6	U	1	35.6	270	ug/Kg	11/11/25 14:09	PB170478
50-32-8	Benzo(a)pyrene	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
53-70-3	Dibenzo(a,h)anthracene	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
191-24-2	Benzo(g,h,i)perylene	40.8	U	1	40.8	270	ug/Kg	11/11/25 14:09	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
123-91-1	1,4-Dioxane	71.8	U	1	71.8	270	ug/Kg	11/11/25 14:09	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	118			30 (10) - 130 (105)	78%	SPK: 150		
13127-88-3	Phenol-d6	120			30 (10) - 130 (103)	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.3			30 (10) - 130 (108)	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	84.3			30 (10) - 130 (108)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	70.3			30 (10) - 130 (109)	70%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	66900							
1146-65-2	Naphthalene-d8	249000							
15067-26-2	Acenaphthene-d10	133000							
1517-22-2	Phenanthrene-d10	221000							
1719-03-5	Chrysene-d12	168000							
1520-96-3	Perylene-d12	214000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	340	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	360	J			11.9	ug/Kg		

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-1			SDG No.:	Q3586
Lab Sample ID:	Q3586-01			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
1000406-40-9	Butyl tetracosyl ether	250	J			13.9	ug/Kg		

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: **BP026098.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	380	U	1	380	800	ug/Kg	11/11/25 20:18	PB170478
108-95-2	Phenol	53.3	U	1	53.3	410	ug/Kg	11/11/25 20:18	PB170478
111-44-4	bis(2-Chloroethyl)ether	58.6	U	1	58.6	410	ug/Kg	11/11/25 20:18	PB170478
95-57-8	2-Chlorophenol	58.8	U	1	58.8	410	ug/Kg	11/11/25 20:18	PB170478
95-48-7	2-Methylphenol	72.1	U	1	72.1	410	ug/Kg	11/11/25 20:18	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	90.4	U	1	90.4	410	ug/Kg	11/11/25 20:18	PB170478
98-86-2	Acetophenone	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
65794-96-9	3+4-Methylphenols	99.1	U	1	99.1	800	ug/Kg	11/11/25 20:18	PB170478
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	110	190	ug/Kg	11/11/25 20:18	PB170478
67-72-1	Hexachloroethane	42.4	U	1	42.4	410	ug/Kg	11/11/25 20:18	PB170478
98-95-3	Nitrobenzene	44.1	U	1	44.1	410	ug/Kg	11/11/25 20:18	PB170478
78-59-1	Isophorone	79.1	U	1	79.1	410	ug/Kg	11/11/25 20:18	PB170478
88-75-5	2-Nitrophenol	140	U	1	140	410	ug/Kg	11/11/25 20:18	PB170478
105-67-9	2,4-Dimethylphenol	160	U	1	160	410	ug/Kg	11/11/25 20:18	PB170478
111-91-1	bis(2-Chloroethoxy)methane	74.2	U	1	74.2	410	ug/Kg	11/11/25 20:18	PB170478
120-83-2	2,4-Dichlorophenol	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
91-20-3	Naphthalene	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
106-47-8	4-Chloroaniline	85.3	UQ	1	85.3	410	ug/Kg	11/11/25 20:18	PB170478
87-68-3	Hexachlorobutadiene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
105-60-2	Caprolactam	130	U	1	130	800	ug/Kg	11/11/25 20:18	PB170478
59-50-7	4-Chloro-3-methylphenol	69.2	U	1	69.2	410	ug/Kg	11/11/25 20:18	PB170478
91-57-6	2-Methylnaphthalene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
77-47-4	Hexachlorocyclopentadiene	280	U	1	280	800	ug/Kg	11/11/25 20:18	PB170478
88-06-2	2,4,6-Trichlorophenol	47.7	U	1	47.7	410	ug/Kg	11/11/25 20:18	PB170478
95-95-4	2,4,5-Trichlorophenol	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
92-52-4	1,1-Biphenyl	52.6	U	1	52.6	410	ug/Kg	11/11/25 20:18	PB170478
91-58-7	2-Chloronaphthalene	54.2	U	1	54.2	410	ug/Kg	11/11/25 20:18	PB170478
88-74-4	2-Nitroaniline	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
131-11-3	Dimethylphthalate	65.3	U	1	65.3	410	ug/Kg	11/11/25 20:18	PB170478
208-96-8	Acenaphthylene	69.7	U	1	69.7	410	ug/Kg	11/11/25 20:18	PB170478
606-20-2	2,6-Dinitrotoluene	81.0	U	1	81.0	410	ug/Kg	11/11/25 20:18	PB170478
99-09-2	3-Nitroaniline	110	UQ	1	110	410	ug/Kg	11/11/25 20:18	PB170478
83-32-9	Acenaphthene	51.3	U	1	51.3	410	ug/Kg	11/11/25 20:18	PB170478
51-28-5	2,4-Dinitrophenol	550	U	1	550	800	ug/Kg	11/11/25 20:18	PB170478
100-02-7	4-Nitrophenol	260	U	1	260	800	ug/Kg	11/11/25 20:18	PB170478
132-64-9	Dibenzofuran	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
121-14-2	2,4-Dinitrotoluene	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
84-66-2	Diethylphthalate	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
7005-72-3	4-Chlorophenyl-phenylether	64.4	U	1	64.4	410	ug/Kg	11/11/25 20:18	PB170478
86-73-7	Fluorene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
100-01-6	4-Nitroaniline	150	U	1	150	410	ug/Kg	11/11/25 20:18	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	250	U	1	250	800	ug/Kg	11/11/25 20:18	PB170478

Raw Data: **BP026098.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	79.3	U	1	79.3	410	ug/Kg	11/11/25 20:18	PB170478
101-55-3	4-Bromophenyl-phenylether	67.0	U	1	67.0	410	ug/Kg	11/11/25 20:18	PB170478
118-74-1	Hexachlorobenzene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
1912-24-9	Atrazine	82.0	U	1	82.0	410	ug/Kg	11/11/25 20:18	PB170478
87-86-5	Pentachlorophenol	120	U	1	120	800	ug/Kg	11/11/25 20:18	PB170478
85-01-8	Phenanthrene	50.4	U	1	50.4	410	ug/Kg	11/11/25 20:18	PB170478
120-12-7	Anthracene	80.3	U	1	80.3	410	ug/Kg	11/11/25 20:18	PB170478
86-74-8	Carbazole	75.2	U	1	75.2	410	ug/Kg	11/11/25 20:18	PB170478
84-74-2	Di-n-butylphthalate	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
206-44-0	Fluoranthene	72.3	U	1	72.3	410	ug/Kg	11/11/25 20:18	PB170478
129-00-0	Pyrene	86.8	U	1	86.8	410	ug/Kg	11/11/25 20:18	PB170478
85-68-7	Butylbenzylphthalate	170	U	1	170	410	ug/Kg	11/11/25 20:18	PB170478
91-94-1	3,3-Dichlorobenzidine	88.5	U	1	88.5	800	ug/Kg	11/11/25 20:18	PB170478
56-55-3	Benzo(a)anthracene	55.4	U	1	55.4	410	ug/Kg	11/11/25 20:18	PB170478
218-01-9	Chrysene	48.0	U	1	48.0	410	ug/Kg	11/11/25 20:18	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	1	140	410	ug/Kg	11/11/25 20:18	PB170478
117-84-0	Di-n-octyl phthalate	210	U	1	210	800	ug/Kg	11/11/25 20:18	PB170478
205-99-2	Benzo(b)fluoranthene	45.8	U	1	45.8	410	ug/Kg	11/11/25 20:18	PB170478
207-08-9	Benzo(k)fluoranthene	54.0	U	1	54.0	410	ug/Kg	11/11/25 20:18	PB170478
50-32-8	Benzo(a)pyrene	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
53-70-3	Dibenzo(a,h)anthracene	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
191-24-2	Benzo(g,h,i)perylene	62.0	U	1	62.0	410	ug/Kg	11/11/25 20:18	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
123-91-1	1,4-Dioxane	110	U	1	110	410	ug/Kg	11/11/25 20:18	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	137			30 (10) - 130 (105)	91%	SPK: 150		
13127-88-3	Phenol-d6	135			30 (10) - 130 (103)	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	91.4			30 (10) - 130 (108)	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.1			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	166			30 (10) - 130 (116)	111%	SPK: 150		
1718-51-0	Terphenyl-d14	75.5			30 (10) - 130 (109)	75%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	250000							
1146-65-2	Naphthalene-d8	984000							
15067-26-2	Acenaphthene-d10	623000							
1517-22-2	Phenanthrene-d10	1350000							
1719-03-5	Chrysene-d12	1640000							
1520-96-3	Perylene-d12	1940000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	910	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	490	J			18.1	ug/Kg		

Raw Data: **BP026098.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-2			SDG No.:	Q3586
Lab Sample ID:	Q3586-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
018835-32-0	1-Tricosene	270	J			21.3	ug/Kg		
000593-45-3	Octadecane	200	J			22.5	ug/Kg		
000629-97-0	Docosane	240	J			23.3	ug/Kg		
000638-68-6	Triacontane	460	J			25.2	ug/Kg		
013475-76-8	Docosane, 11-butyl-	1200	J			29.6	ug/Kg		
000646-31-1	Tetracosane	240	J			31.7	ug/Kg		

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: **BP026092.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	310	U	1	310	650	ug/Kg	11/11/25 16:11	PB170478
108-95-2	Phenol	43.4	U	1	43.4	330	ug/Kg	11/11/25 16:11	PB170478
111-44-4	bis(2-Chloroethyl)ether	47.7	U	1	47.7	330	ug/Kg	11/11/25 16:11	PB170478
95-57-8	2-Chlorophenol	47.9	U	1	47.9	330	ug/Kg	11/11/25 16:11	PB170478
95-48-7	2-Methylphenol	58.7	U	1	58.7	330	ug/Kg	11/11/25 16:11	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	73.6	U	1	73.6	330	ug/Kg	11/11/25 16:11	PB170478
98-86-2	Acetophenone	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
65794-96-9	3+4-Methylphenols	80.7	U	1	80.7	650	ug/Kg	11/11/25 16:11	PB170478
621-64-7	n-Nitroso-di-n-propylamine	93.0	U	1	93.0	160	ug/Kg	11/11/25 16:11	PB170478
67-72-1	Hexachloroethane	34.5	U	1	34.5	330	ug/Kg	11/11/25 16:11	PB170478
98-95-3	Nitrobenzene	35.9	U	1	35.9	330	ug/Kg	11/11/25 16:11	PB170478
78-59-1	Isophorone	64.4	U	1	64.4	330	ug/Kg	11/11/25 16:11	PB170478
88-75-5	2-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 16:11	PB170478
105-67-9	2,4-Dimethylphenol	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
111-91-1	bis(2-Chloroethoxy)methane	60.5	U	1	60.5	330	ug/Kg	11/11/25 16:11	PB170478
120-83-2	2,4-Dichlorophenol	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
91-20-3	Naphthalene	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
106-47-8	4-Chloroaniline	69.5	UQ	1	69.5	330	ug/Kg	11/11/25 16:11	PB170478
87-68-3	Hexachlorobutadiene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
105-60-2	Caprolactam	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
59-50-7	4-Chloro-3-methylphenol	56.3	U	1	56.3	330	ug/Kg	11/11/25 16:11	PB170478
91-57-6	2-Methylnaphthalene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
77-47-4	Hexachlorocyclopentadiene	230	U	1	230	650	ug/Kg	11/11/25 16:11	PB170478
88-06-2	2,4,6-Trichlorophenol	38.9	U	1	38.9	330	ug/Kg	11/11/25 16:11	PB170478
95-95-4	2,4,5-Trichlorophenol	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
92-52-4	1,1-Biphenyl	42.8	U	1	42.8	330	ug/Kg	11/11/25 16:11	PB170478
91-58-7	2-Chloronaphthalene	44.2	U	1	44.2	330	ug/Kg	11/11/25 16:11	PB170478
88-74-4	2-Nitroaniline	94.4	U	1	94.4	330	ug/Kg	11/11/25 16:11	PB170478
131-11-3	Dimethylphthalate	53.2	U	1	53.2	330	ug/Kg	11/11/25 16:11	PB170478
208-96-8	Acenaphthylene	56.7	U	1	56.7	330	ug/Kg	11/11/25 16:11	PB170478
606-20-2	2,6-Dinitrotoluene	65.9	U	1	65.9	330	ug/Kg	11/11/25 16:11	PB170478
99-09-2	3-Nitroaniline	90.3	UQ	1	90.3	330	ug/Kg	11/11/25 16:11	PB170478
83-32-9	Acenaphthene	41.8	U	1	41.8	330	ug/Kg	11/11/25 16:11	PB170478
51-28-5	2,4-Dinitrophenol	450	U	1	450	650	ug/Kg	11/11/25 16:11	PB170478
100-02-7	4-Nitrophenol	210	U	1	210	650	ug/Kg	11/11/25 16:11	PB170478
132-64-9	Dibenzofuran	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
121-14-2	2,4-Dinitrotoluene	98.3	U	1	98.3	330	ug/Kg	11/11/25 16:11	PB170478
84-66-2	Diethylphthalate	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
7005-72-3	4-Chlorophenyl-phenylether	52.4	U	1	52.4	330	ug/Kg	11/11/25 16:11	PB170478
86-73-7	Fluorene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
100-01-6	4-Nitroaniline	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1	200	650	ug/Kg	11/11/25 16:11	PB170478

Raw Data: **BP026092.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	64.6	U	1	64.6	330	ug/Kg	11/11/25 16:11	PB170478
101-55-3	4-Bromophenyl-phenylether	54.6	U	1	54.6	330	ug/Kg	11/11/25 16:11	PB170478
118-74-1	Hexachlorobenzene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
1912-24-9	Atrazine	66.7	U	1	66.7	330	ug/Kg	11/11/25 16:11	PB170478
87-86-5	Pentachlorophenol	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
85-01-8	Phenanthrene	41.0	U	1	41.0	330	ug/Kg	11/11/25 16:11	PB170478
120-12-7	Anthracene	65.4	U	1	65.4	330	ug/Kg	11/11/25 16:11	PB170478
86-74-8	Carbazole	61.2	U	1	61.2	330	ug/Kg	11/11/25 16:11	PB170478
84-74-2	Di-n-butylphthalate	94.0	U	1	94.0	330	ug/Kg	11/11/25 16:11	PB170478
206-44-0	Fluoranthene	58.9	U	1	58.9	330	ug/Kg	11/11/25 16:11	PB170478
129-00-0	Pyrene	70.7	U	1	70.7	330	ug/Kg	11/11/25 16:11	PB170478
85-68-7	Butylbenzylphthalate	140	U	1	140	330	ug/Kg	11/11/25 16:11	PB170478
91-94-1	3,3-Dichlorobenzidine	72.0	U	1	72.0	650	ug/Kg	11/11/25 16:11	PB170478
56-55-3	Benzo(a)anthracene	45.1	U	1	45.1	330	ug/Kg	11/11/25 16:11	PB170478
218-01-9	Chrysene	39.1	U	1	39.1	330	ug/Kg	11/11/25 16:11	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	1	120	330	ug/Kg	11/11/25 16:11	PB170478
117-84-0	Di-n-octyl phthalate	170	U	1	170	650	ug/Kg	11/11/25 16:11	PB170478
205-99-2	Benzo(b)fluoranthene	37.3	U	1	37.3	330	ug/Kg	11/11/25 16:11	PB170478
207-08-9	Benzo(k)fluoranthene	44.0	U	1	44.0	330	ug/Kg	11/11/25 16:11	PB170478
50-32-8	Benzo(a)pyrene	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
53-70-3	Dibenzo(a,h)anthracene	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
191-24-2	Benzo(g,h,i)perylene	50.4	U	1	50.4	330	ug/Kg	11/11/25 16:11	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
123-91-1	1,4-Dioxane	88.7	U	1	88.7	330	ug/Kg	11/11/25 16:11	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	120			30 (10) - 130 (105)	80%	SPK: 150		
13127-88-3	Phenol-d6	117			30 (10) - 130 (103)	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.7			30 (10) - 130 (108)	84%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.2			30 (10) - 130 (108)	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	146			30 (10) - 130 (116)	98%	SPK: 150		
1718-51-0	Terphenyl-d14	73.9			30 (10) - 130 (109)	74%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
1146-65-2	Naphthalene-d8	1210000							
15067-26-2	Acenaphthene-d10	729000							
1517-22-2	Phenanthrene-d10	1510000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	2180000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	420	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	640	J			18.1	ug/Kg		

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

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3			SDG No.:	Q3586
Lab Sample ID:	Q3586-03			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	130	J			19.4	ug/Kg		
077899-03-7	1-Heneicosyl formate	350	J			21.3	ug/Kg		

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

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

SW-846

SDG No.: Q3586

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170478BL	PB170478BL	2-Fluorophenol	150	115	77		30 (10)	130 (105)
		Phenol-d6	150	118	79		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.0	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.8	80		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	84.5	85		30 (10)	130 (109)
PB170478BS	PB170478BS	2-Fluorophenol	150	115	76		30 (10)	130 (105)
		Phenol-d6	150	112	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.4	83		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.0	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	82.9	83		30 (10)	130 (109)
Q3586-01	SED-1	2-Fluorophenol	150	118	78		30 (10)	130 (105)
		Phenol-d6	150	120	80		30 (10)	130 (103)
		Nitrobenzene-d5	100	86.3	86		30 (10)	130 (108)
		2-Fluorobiphenyl	100	84.3	84		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	126	84		30 (10)	130 (116)
		Terphenyl-d14	100	70.3	70		30 (10)	130 (109)
Q3586-02	SED-2	2-Fluorophenol	150	137	91		30 (10)	130 (105)
		Phenol-d6	150	135	90		30 (10)	130 (103)
		Nitrobenzene-d5	100	91.4	91		30 (10)	130 (108)
		2-Fluorobiphenyl	100	79.1	79		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	166	111		30 (10)	130 (116)
		Terphenyl-d14	100	75.5	75		30 (10)	130 (109)
Q3586-03	SED-3	2-Fluorophenol	150	120	80		30 (10)	130 (105)
		Phenol-d6	150	117	78		30 (10)	130 (103)
		Nitrobenzene-d5	100	83.7	84		30 (10)	130 (108)
		2-Fluorobiphenyl	100	75.2	75		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	146	98		30 (10)	130 (116)
		Terphenyl-d14	100	73.9	74		30 (10)	130 (109)
Q3586-03MS	SED-3MS	2-Fluorophenol	150	99.1	66		30 (10)	130 (105)
		Phenol-d6	150	98.9	66		30 (10)	130 (103)
		Nitrobenzene-d5	100	66.8	67		30 (10)	130 (108)
		2-Fluorobiphenyl	100	58.7	59		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	117	78		30 (10)	130 (116)
		Terphenyl-d14	100	60.4	60		30 (10)	130 (109)
Q3586-03MSD	SED-3MSD	2-Fluorophenol	150	105	70		30 (10)	130 (105)
		Phenol-d6	150	106	71		30 (10)	130 (103)
		Nitrobenzene-d5	100	68.1	68		30 (10)	130 (108)
		2-Fluorobiphenyl	100	61.7	62		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	119	79		30 (10)	130 (116)
		Terphenyl-d14	100	62.3	62		30 (10)	130 (109)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3586-03MS		**Client Sample ID: SED-3MS**									
Benzaldehyde	3300	0	2600	ug/Kg	79				20 (20)	160 (111)	
Phenol	3300	0	3000	ug/Kg	91				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	3300	0	2700	ug/Kg	82				70 (67)	130 (110)	
2-Chlorophenol	3300	0	3100	ug/Kg	94				70 (67)	130 (119)	
2-Methylphenol	3300	0	3000	ug/Kg	91				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	3300	0	2500	ug/Kg	76				70 (59)	130 (113)	
Acetophenone	3300	0	2900	ug/Kg	88				70 (55)	130 (128)	
3+4-Methylphenols	3300	0	2900	ug/Kg	88				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	3300	0	2800	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	3300	0	2900	ug/Kg	88				20 (65)	160 (115)	
Nitrobenzene	3300	0	3000	ug/Kg	91				70 (66)	130 (120)	
Isophorone	3300	0	2800	ug/Kg	85				70 (67)	130 (113)	
2-Nitrophenol	3300	0	4100	ug/Kg	124				70 (69)	130 (135)	
2,4-Dimethylphenol	3300	0	3300	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	3300	0	2800	ug/Kg	85				70 (70)	130 (112)	
2,4-Dichlorophenol	3300	0	3200	ug/Kg	97				70 (70)	130 (121)	
Naphthalene	3300	0	2800	ug/Kg	85				70 (66)	130 (113)	
4-Chloroaniline	3300	0	1300	ug/Kg	39	*			70 (10)	130 (100)	
Hexachlorobutadiene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Caprolactam	3300	0	3200	ug/Kg	97				20 (51)	160 (134)	
4-Chloro-3-methylphenol	3300	0	3200	ug/Kg	97				70 (71)	130 (118)	
2-Methylnaphthalene	3300	0	2600	ug/Kg	79				70 (59)	130 (123)	
Hexachlorocyclopentadiene	6500	0	8600	ug/Kg	132				20 (16)	160 (175)	
2,4,6-Trichlorophenol	3300	0	3400	ug/Kg	103				70 (67)	130 (128)	
2,4,5-Trichlorophenol	3300	0	3300	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	3300	0	2800	ug/Kg	85				70 (69)	130 (126)	
2-Chloronaphthalene	3300	0	2800	ug/Kg	85				70 (71)	130 (113)	
2-Nitroaniline	3300	0	3100	ug/Kg	94				70 (73)	130 (125)	
Dimethylphthalate	3300	0	2900	ug/Kg	88				70 (72)	130 (116)	
Acenaphthylene	3300	0	3300	ug/Kg	100				70 (69)	130 (128)	
2,6-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (67)	130 (141)	
3-Nitroaniline	3300	0	1900	ug/Kg	58	*			70 (28)	130 (102)	
Acenaphthene	3300	0	2700	ug/Kg	82				70 (70)	130 (121)	
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111				20 (10)	160 (164)	
4-Nitrophenol	6500	0	6800	ug/Kg	105				20 (49)	160 (133)	
Dibenzofuran	3300	0	2800	ug/Kg	85				70 (71)	130 (111)	
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (73)	130 (130)	
Diethylphthalate	3300	0	3000	ug/Kg	91				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	3300	0	2800	ug/Kg	85				70 (72)	130 (112)	
Fluorene	3300	0	2900	ug/Kg	88				70 (67)	130 (114)	
4-Nitroaniline	3300	0	3400	ug/Kg	103				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	3300	0	4000	ug/Kg	121				70 (25)	130 (163)	
N-Nitrosodiphenylamine	3300	0	2900	ug/Kg	88				70 (73)	130 (118)	
4-Bromophenyl-phenylether	3300	0	2900	ug/Kg	88				70 (65)	130 (121)	
Hexachlorobenzene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Atrazine	3300	0	3300	ug/Kg	100				70 (79)	130 (127)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	6900	ug/Kg	106				20 (39)	160 (145)	
Phenanthrene	3300	0	2800	ug/Kg	85				70 (52)	130 (128)	
Anthracene	3300	0	2900	ug/Kg	88				70 (62)	130 (124)	
Carbazole	3300	0	3000	ug/Kg	91				70 (73)	130 (115)	
Di-n-butylphthalate	3300	0	3200	ug/Kg	97				70 (72)	130 (129)	
Fluoranthene	3300	0	3000	ug/Kg	91				70 (31)	130 (152)	
Pyrene	3300	0	2800	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	3300	0	3300	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	3300	0	2200	ug/Kg	67	*			70 (10)	130 (116)	
Benzo(a)anthracene	3300	0	2900	ug/Kg	88				70 (53)	130 (119)	
Chrysene	3300	0	2900	ug/Kg	88				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88				70 (64)	130 (139)	
Di-n-octyl phthalate	3300	0	3700	ug/Kg	112				70 (51)	130 (156)	
Benzo(b)fluoranthene	3300	0	2800	ug/Kg	85				70 (52)	130 (117)	
Benzo(k)fluoranthene	3300	0	2800	ug/Kg	85				70 (57)	130 (134)	
Benzo(a)pyrene	3300	0	3000	ug/Kg	91				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	3300	0	3000	ug/Kg	91				70 (48)	130 (129)	
Dibenz(a,h)anthracene	3300	0	3000	ug/Kg	91				70 (43)	130 (123)	
Benzo(g,h,i)perylene	3300	0	3100	ug/Kg	94				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	3300	0	2800	ug/Kg	85				70 (65)	130 (132)	
1,4-Dioxane	3300	0	2500	ug/Kg	76				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	3300	0	3700	ug/Kg	112				70 (56)	130 (141)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q3586-03MSD		**Client Sample ID: SED-3MSD**									
Benzaldehyde	3300	0	2700	ug/Kg	82		4		20 (20)	160 (111)	30 (20)
Phenol	3300	0	3200	ug/Kg	97		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	3300	0	2900	ug/Kg	88		7		70 (67)	130 (110)	30 (20)
2-Chlorophenol	3300	0	3300	ug/Kg	100		6		70 (67)	130 (119)	30 (20)
2-Methylphenol	3300	0	3200	ug/Kg	97		6		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	3300	0	2600	ug/Kg	79		4		70 (59)	130 (113)	30 (20)
Acetophenone	3300	0	3000	ug/Kg	91		3		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	3300	0	3200	ug/Kg	97		10		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	3300	0	3000	ug/Kg	91		7		70 (59)	130 (119)	30 (20)
Hexachloroethane	3300	0	3100	ug/Kg	94		7		20 (65)	160 (115)	30 (20)
Nitrobenzene	3300	0	3100	ug/Kg	94		3		70 (66)	130 (120)	30 (20)
Isophorone	3300	0	2900	ug/Kg	88		3		70 (67)	130 (113)	30 (20)
2-Nitrophenol	3300	0	4200	ug/Kg	127		2		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	3300	0	3400	ug/Kg	103		3		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	3300	0	2900	ug/Kg	88		3		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	3300	0	3300	ug/Kg	100		3		70 (70)	130 (121)	30 (20)
Naphthalene	3300	0	2900	ug/Kg	88		3		70 (66)	130 (113)	30 (20)
4-Chloroaniline	3300	0	1200	ug/Kg	36	*	8		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (118)	30 (16)
Caprolactam	3300	0	3300	ug/Kg	100		3		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	3300	0	3300	ug/Kg	100		3		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	3300	0	2700	ug/Kg	82		4		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	6500	0	9200	ug/Kg	142		7		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	3300	0	3500	ug/Kg	106		3		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	3300	0	3400	ug/Kg	103		3		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	3300	0	2900	ug/Kg	88		3		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	3300	0	2900	ug/Kg	88		3		70 (71)	130 (113)	30 (20)
2-Nitroaniline	3300	0	3300	ug/Kg	100		6		70 (73)	130 (125)	30 (16)
Dimethylphthalate	3300	0	3000	ug/Kg	91		3		70 (72)	130 (116)	30 (20)
Acenaphthylene	3300	0	3400	ug/Kg	103		3		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	3300	0	3500	ug/Kg	106		3		70 (67)	130 (141)	30 (20)
3-Nitroaniline	3300	0	1900	ug/Kg	58	*	0		70 (28)	130 (102)	30 (20)
Acenaphthene	3300	0	3300	ug/Kg	100		20		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111		0		20 (10)	160 (164)	30 (30)
4-Nitrophenol	6500	0	6700	ug/Kg	103		2		20 (49)	160 (133)	30 (20)
Dibenzofuran	3300	0	2900	ug/Kg	88		3		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103		0		70 (73)	130 (130)	30 (20)
Diethylphthalate	3300	0	3000	ug/Kg	91		0		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	3300	0	2900	ug/Kg	88		3		70 (72)	130 (112)	30 (20)
Fluorene	3300	0	3000	ug/Kg	91		3		70 (67)	130 (114)	30 (20)
4-Nitroaniline	3300	0	3400	ug/Kg	103		0		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	3300	0	4100	ug/Kg	124		2		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	3300	0	3000	ug/Kg	91		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	3300	0	3100	ug/Kg	94		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	3300	0	3100	ug/Kg	94		7		70 (67)	130 (118)	30 (20)
Atrazine	3300	0	3400	ug/Kg	103		3		70 (79)	130 (127)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026094.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6500	0	7100	ug/Kg	109		3		20 (39)	160 (145)	30 (20)
Phenanthrene	3300	0	2900	ug/Kg	88		3		70 (52)	130 (128)	30 (20)
Anthracene	3300	0	3000	ug/Kg	91		3		70 (62)	130 (124)	30 (20)
Carbazole	3300	0	3000	ug/Kg	91		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	3300	0	3200	ug/Kg	97		0		70 (72)	130 (129)	30 (20)
Fluoranthene	3300	0	3000	ug/Kg	91		0		70 (31)	130 (152)	30 (20)
Pyrene	3300	0	2900	ug/Kg	88		3		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	3300	0	3400	ug/Kg	103		3		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	3300	0	2400	ug/Kg	73		9		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	3300	0	3000	ug/Kg	91		3		70 (53)	130 (119)	30 (20)
Chrysene	3300	0	2900	ug/Kg	88		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88		0		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	3300	0	3900	ug/Kg	118		5		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	3300	0	3000	ug/Kg	91		7		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	3300	0	2900	ug/Kg	88		3		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	3300	0	3100	ug/Kg	94		3		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	3300	0	3100	ug/Kg	94		3		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	3300	0	3100	ug/Kg	94		3		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	3300	0	3200	ug/Kg	97		3		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	3300	0	2900	ug/Kg	88		3		70 (65)	130 (132)	30 (20)
1,4-Dioxane	3300	0	2500	ug/Kg	76		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	3300	0	3800	ug/Kg	115		3		70 (56)	130 (141)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170478BS	Benzaldehyde	1700	1100	ug/Kg	65				20 (10)	160 (133)	
	Phenol	1700	1400	ug/Kg	82				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				70 (60)	130 (101)	
	2-Chlorophenol	1700	1400	ug/Kg	82				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (75)	130 (113)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (61)	130 (130)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	850	ug/Kg	50		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (68)	130 (108)	
	Caprolactam	1700	1500	ug/Kg	88				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (74)	130 (106)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (71)	130 (110)	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70 (70)	130 (103)	
	2-Nitroaniline	1700	1500	ug/Kg	88				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (101)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				70 (78)	130 (116)	
	3-Nitroaniline	1700	1000	ug/Kg	59		*		70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				20 (59)	160 (137)	
	4-Nitrophenol	3300	2600	ug/Kg	79				20 (60)	160 (124)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				70 (78)	130 (115)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (104)	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				70 (73)	130 (101)	
	Fluorene	1700	1500	ug/Kg	88				70 (75)	130 (99)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3586 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BF144200.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170478BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (71)	130 (122)	
	Pentachlorophenol	3300	3100	ug/Kg	94				20 (56)	160 (129)	
	Phenanthrene	1700	1500	ug/Kg	88				70 (75)	130 (100)	
	Anthracene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	Carbazole	1700	1500	ug/Kg	88				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (75)	130 (104)	
	Chrysene	1700	1500	ug/Kg	88				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1200	ug/Kg	71				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (71)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170478BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3586

Lab File ID: BF144199.D | Lab Sample ID: PB170478BL

Instrument ID: BNA_F | Date Extracted: 11/11/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/11/2025

Level: (low/med) LOW | Time Analyzed: 13:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170478BS	PB170478BS	BF144200.D	11/11/2025
SED-1	Q3586-01	BF144201.D	11/11/2025
SED-3	Q3586-03	BP026092.D	11/11/2025
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025
SED-2	Q3586-02	BP026098.D	11/11/2025
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144168.D DFTPP Injection Date: 11/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
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
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BF144197.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 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	BF144198.D	11/11/2025	10:09
PB170478BL	PB170478BL	BF144199.D	11/11/2025	13:07
PB170478BS	PB170478BS	BF144200.D	11/11/2025	13:36
SED-1	Q3586-01	BF144201.D	11/11/2025	14:09

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 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	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (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	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3586

Lab File ID: BP026089.D DFTPP Injection Date: 11/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026090.D	11/11/2025	14:44
SED-3	Q3586-03	BP026092.D	11/11/2025	16:11
SED-3MS	Q3586-03MS	BP026093.D	11/11/2025	16:52
SED-3MSD	Q3586-03MSD	BP026094.D	11/11/2025	17:33
SED-2	Q3586-02	BP026098.D	11/11/2025	20:18

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	73404	6.875	271454	8.16	150816	9.92
	UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
	LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
	EPA SAMPLE NO.						
01	PB170478BL	80148	6.88	308933	8.16	180668	9.92
02	PB170478BS	75320	6.88	282587	8.16	160149	9.92
03	SED-1	66900	6.88	248822	8.16	132870	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: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BF144198.D Time Analyzed: 10:09

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	253608	11.41	166330	14.057	229506	15.545
	UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
	LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
	EPA SAMPLE NO.						
01	PB170478BL	336603	11.41	225293	14.06	226985	15.55
02	PB170478BS	268017	11.41	166103	14.06	208533	15.55
03	SED-1	221346	11.40	167727	14.06	213949	15.54

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID : SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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	341127	7.678	1393560	10.45	901803	14.32
	UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
	LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
	EPA SAMPLE NO.						
01	SED-2	249884	7.68	984033	10.44	622887	14.31
02	SED-3	318405	7.68	1214570	10.46	729423	14.32
03	SED-3MS	296222	7.68	1166340	10.45	745428	14.31
04	SED-3MSD	270854	7.67	1115780	10.44	711326	14.32

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3586

Client ID: SSTDCCC040 Date Analyzed: 11/11/2025

Lab File ID: BP026090.D Time Analyzed: 14:44

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	1845190	17.131	1927460	21.589	2191180	24.924
	UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
	LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
	EPA SAMPLE NO.						
01	SED-2	1353620	17.13	1635330	21.58	1941020	24.91
02	SED-3	1507920	17.13	1773560	21.58	2177400	24.92
03	SED-3MS	1549760	17.13	1762340	21.58	2068060	24.92
04	SED-3MSD	1435440	17.13	1558560	21.58	1925500	24.92

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: **BF144199.D**

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170478BL	SDG No.:	Q3586
Lab Sample ID:	PB170478BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/11/25 13:07	PB170478
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/11/25 13:07	PB170478
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/11/25 13:07	PB170478
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/11/25 13:07	PB170478
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/11/25 13:07	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/11/25 13:07	PB170478
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/11/25 13:07	PB170478
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/11/25 13:07	PB170478
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/11/25 13:07	PB170478
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/11/25 13:07	PB170478
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/11/25 13:07	PB170478
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/11/25 13:07	PB170478
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/11/25 13:07	PB170478
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/11/25 13:07	PB170478
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/11/25 13:07	PB170478
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/11/25 13:07	PB170478
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/11/25 13:07	PB170478
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/11/25 13:07	PB170478
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/11/25 13:07	PB170478
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/11/25 13:07	PB170478
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/11/25 13:07	PB170478
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/11/25 13:07	PB170478
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/11/25 13:07	PB170478
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/11/25 13:07	PB170478
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/11/25 13:07	PB170478
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/11/25 13:07	PB170478
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/11/25 13:07	PB170478
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/11/25 13:07	PB170478
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 13:07	PB170478
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/11/25 13:07	PB170478
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/11/25 13:07	PB170478
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/11/25 13:07	PB170478
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/11/25 13:07	PB170478
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/11/25 13:07	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/11/25 13:07	PB170478

Raw Data: **BF144199.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/11/25 13:07	PB170478
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/11/25 13:07	PB170478
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/11/25 13:07	PB170478
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/11/25 13:07	PB170478
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/11/25 13:07	PB170478
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/11/25 13:07	PB170478
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/11/25 13:07	PB170478
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/11/25 13:07	PB170478
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/11/25 13:07	PB170478
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/11/25 13:07	PB170478
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/11/25 13:07	PB170478
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/11/25 13:07	PB170478
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/11/25 13:07	PB170478
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/11/25 13:07	PB170478
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/11/25 13:07	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/11/25 13:07	PB170478
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/11/25 13:07	PB170478
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/11/25 13:07	PB170478
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/11/25 13:07	PB170478
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/11/25 13:07	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/11/25 13:07	PB170478
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/11/25 13:07	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/11/25 13:07	PB170478
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/11/25 13:07	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/11/25 13:07	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	77%	SPK: 150		
13127-88-3	Phenol-d6	118			30 (10) - 130 (103)	79%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.0			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.8			30 (10) - 130 (108)	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			30 (10) - 130 (116)	84%	SPK: 150		
1718-51-0	Terphenyl-d14	84.5			30 (10) - 130 (109)	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	80100							
1146-65-2	Naphthalene-d8	309000							
15067-26-2	Acenaphthene-d10	181000							
1517-22-2	Phenanthrene-d10	337000							
1719-03-5	Chrysene-d12	225000							
1520-96-3	Perylene-d12	227000							

Raw Data: **BF144199.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BL			SDG No.:	Q3586
Lab Sample ID:	PB170478BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1100		1	160	330	ug/Kg	11/11/25 13:36	PB170478
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	11/11/25 13:36	PB170478
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	11/11/25 13:36	PB170478
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	11/11/25 13:36	PB170478
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	11/11/25 13:36	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	37.5	170	ug/Kg	11/11/25 13:36	PB170478
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/11/25 13:36	PB170478
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/11/25 13:36	PB170478
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	11/11/25 13:36	PB170478
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	11/11/25 13:36	PB170478
78-59-1	Isophorone	1500		1	32.8	170	ug/Kg	11/11/25 13:36	PB170478
88-75-5	2-Nitrophenol	1500		1	58.2	170	ug/Kg	11/11/25 13:36	PB170478
105-67-9	2,4-Dimethylphenol	1600		1	64.8	170	ug/Kg	11/11/25 13:36	PB170478
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	11/11/25 13:36	PB170478
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
91-20-3	Naphthalene	1500		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
106-47-8	4-Chloroaniline	850		1	35.4	170	ug/Kg	11/11/25 13:36	PB170478
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
105-60-2	Caprolactam	1500		1	52.1	330	ug/Kg	11/11/25 13:36	PB170478
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/11/25 13:36	PB170478
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
77-47-4	Hexachlorocyclopentadiene	3000	E	1	120	330	ug/Kg	11/11/25 13:36	PB170478
88-06-2	2,4,6-Trichlorophenol	1400		1	19.8	170	ug/Kg	11/11/25 13:36	PB170478
95-95-4	2,4,5-Trichlorophenol	1400		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	11/11/25 13:36	PB170478
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	11/11/25 13:36	PB170478
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	11/11/25 13:36	PB170478
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	11/11/25 13:36	PB170478
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/11/25 13:36	PB170478
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/11/25 13:36	PB170478
99-09-2	3-Nitroaniline	1000		1	46.0	170	ug/Kg	11/11/25 13:36	PB170478
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/11/25 13:36	PB170478
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/11/25 13:36	PB170478
100-02-7	4-Nitrophenol	2600		1	110	330	ug/Kg	11/11/25 13:36	PB170478
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/11/25 13:36	PB170478
121-14-2	2,4-Dinitrotoluene	1500		1	50.1	170	ug/Kg	11/11/25 13:36	PB170478
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/11/25 13:36	PB170478
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	11/11/25 13:36	PB170478
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
100-01-6	4-Nitroaniline	1500		1	64.2	170	ug/Kg	11/11/25 13:36	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	11/11/25 13:36	PB170478

Raw Data: **BF144200.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	11/11/25 13:36	PB170478
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	11/11/25 13:36	PB170478
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	11/11/25 13:36	PB170478
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	11/11/25 13:36	PB170478
87-86-5	Pentachlorophenol	3100	E	1	51.3	330	ug/Kg	11/11/25 13:36	PB170478
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	11/11/25 13:36	PB170478
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	11/11/25 13:36	PB170478
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/11/25 13:36	PB170478
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/11/25 13:36	PB170478
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/11/25 13:36	PB170478
129-00-0	Pyrene	1500		1	36.0	170	ug/Kg	11/11/25 13:36	PB170478
85-68-7	Butylbenzylphthalate	1600		1	71.4	170	ug/Kg	11/11/25 13:36	PB170478
91-94-1	3,3-Dichlorobenzidine	1200		1	36.7	330	ug/Kg	11/11/25 13:36	PB170478
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	11/11/25 13:36	PB170478
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	11/11/25 13:36	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.2	170	ug/Kg	11/11/25 13:36	PB170478
117-84-0	Di-n-octyl phthalate	1500		1	86.7	330	ug/Kg	11/11/25 13:36	PB170478
205-99-2	Benzo(b)fluoranthene	1700		1	19.0	170	ug/Kg	11/11/25 13:36	PB170478
207-08-9	Benzo(k)fluoranthene	1400		1	22.4	170	ug/Kg	11/11/25 13:36	PB170478
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/11/25 13:36	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/11/25 13:36	PB170478
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/11/25 13:36	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	11/11/25 13:36	PB170478
123-91-1	1,4-Dioxane	1200		1	45.2	170	ug/Kg	11/11/25 13:36	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	1500		1	27.4	170	ug/Kg	11/11/25 13:36	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	115			30 (10) - 130 (105)	76%	SPK: 150		
13127-88-3	Phenol-d6	112			30 (10) - 130 (103)	75%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.4			30 (10) - 130 (108)	83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.0			30 (10) - 130 (108)	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			30 (10) - 130 (116)	81%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			30 (10) - 130 (109)	83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	75300							
1146-65-2	Naphthalene-d8	283000							
15067-26-2	Acenaphthene-d10	160000							
1517-22-2	Phenanthrene-d10	268000							
1719-03-5	Chrysene-d12	166000							
1520-96-3	Perylene-d12	209000							

Raw Data: **BF144200.D**

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

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Edison Landfill			Date Received:	
Client Sample ID:	PB170478BS			SDG No.:	Q3586
Lab Sample ID:	PB170478BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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: **BP026093.D**

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

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2600		1	310	650	ug/Kg	11/11/25 16:52	PB170478
108-95-2	Phenol	3000		1	43.3	330	ug/Kg	11/11/25 16:52	PB170478
111-44-4	bis(2-Chloroethyl)ether	2700		1	47.7	330	ug/Kg	11/11/25 16:52	PB170478
95-57-8	2-Chlorophenol	3100		1	47.9	330	ug/Kg	11/11/25 16:52	PB170478
95-48-7	2-Methylphenol	3000		1	58.6	330	ug/Kg	11/11/25 16:52	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2500		1	73.6	330	ug/Kg	11/11/25 16:52	PB170478
98-86-2	Acetophenone	2900		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
65794-96-9	3+4-Methylphenols	2900		1	80.6	650	ug/Kg	11/11/25 16:52	PB170478
621-64-7	n-Nitroso-di-n-propylamine	2800		1	93.0	160	ug/Kg	11/11/25 16:52	PB170478
67-72-1	Hexachloroethane	2900		1	34.5	330	ug/Kg	11/11/25 16:52	PB170478
98-95-3	Nitrobenzene	3000		1	35.9	330	ug/Kg	11/11/25 16:52	PB170478
78-59-1	Isophorone	2800		1	64.3	330	ug/Kg	11/11/25 16:52	PB170478
88-75-5	2-Nitrophenol	4100		1	110	330	ug/Kg	11/11/25 16:52	PB170478
105-67-9	2,4-Dimethylphenol	3300		1	130	330	ug/Kg	11/11/25 16:52	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2800		1	60.4	330	ug/Kg	11/11/25 16:52	PB170478
120-83-2	2,4-Dichlorophenol	3200		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
91-20-3	Naphthalene	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
106-47-8	4-Chloroaniline	1300		1	69.4	330	ug/Kg	11/11/25 16:52	PB170478
87-68-3	Hexachlorobutadiene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
105-60-2	Caprolactam	3200		1	100	650	ug/Kg	11/11/25 16:52	PB170478
59-50-7	4-Chloro-3-methylphenol	3200		1	56.3	330	ug/Kg	11/11/25 16:52	PB170478
91-57-6	2-Methylnaphthalene	2600		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
77-47-4	Hexachlorocyclopentadiene	8600	E	1	230	650	ug/Kg	11/11/25 16:52	PB170478
88-06-2	2,4,6-Trichlorophenol	3400		1	38.8	330	ug/Kg	11/11/25 16:52	PB170478
95-95-4	2,4,5-Trichlorophenol	3300		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
92-52-4	1,1-Biphenyl	2800		1	42.8	330	ug/Kg	11/11/25 16:52	PB170478
91-58-7	2-Chloronaphthalene	2800		1	44.1	330	ug/Kg	11/11/25 16:52	PB170478
88-74-4	2-Nitroaniline	3100		1	94.3	330	ug/Kg	11/11/25 16:52	PB170478
131-11-3	Dimethylphthalate	2900		1	53.2	330	ug/Kg	11/11/25 16:52	PB170478
208-96-8	Acenaphthylene	3300		1	56.7	330	ug/Kg	11/11/25 16:52	PB170478
606-20-2	2,6-Dinitrotoluene	3400		1	65.9	330	ug/Kg	11/11/25 16:52	PB170478
99-09-2	3-Nitroaniline	1900		1	90.2	330	ug/Kg	11/11/25 16:52	PB170478
83-32-9	Acenaphthene	2700		1	41.8	330	ug/Kg	11/11/25 16:52	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 16:52	PB170478
100-02-7	4-Nitrophenol	6800	E	1	210	650	ug/Kg	11/11/25 16:52	PB170478
132-64-9	Dibenzofuran	2800		1	44.5	330	ug/Kg	11/11/25 16:52	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.3	330	ug/Kg	11/11/25 16:52	PB170478
84-66-2	Diethylphthalate	3000		1	55.5	330	ug/Kg	11/11/25 16:52	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2800		1	52.4	330	ug/Kg	11/11/25 16:52	PB170478
86-73-7	Fluorene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 16:52	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4000		1	200	650	ug/Kg	11/11/25 16:52	PB170478

Raw Data: **BP026093.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2900		1	64.5	330	ug/Kg	11/11/25 16:52	PB170478
101-55-3	4-Bromophenyl-phenylether	2900		1	54.5	330	ug/Kg	11/11/25 16:52	PB170478
118-74-1	Hexachlorobenzene	2900		1	49.6	330	ug/Kg	11/11/25 16:52	PB170478
1912-24-9	Atrazine	3300		1	66.7	330	ug/Kg	11/11/25 16:52	PB170478
87-86-5	Pentachlorophenol	6900	E	1	100	650	ug/Kg	11/11/25 16:52	PB170478
85-01-8	Phenanthrene	2800		1	41.0	330	ug/Kg	11/11/25 16:52	PB170478
120-12-7	Anthracene	2900		1	65.3	330	ug/Kg	11/11/25 16:52	PB170478
86-74-8	Carbazole	3000		1	61.2	330	ug/Kg	11/11/25 16:52	PB170478
84-74-2	Di-n-butylphthalate	3200		1	93.9	330	ug/Kg	11/11/25 16:52	PB170478
206-44-0	Fluoranthene	3000		1	58.8	330	ug/Kg	11/11/25 16:52	PB170478
129-00-0	Pyrene	2800		1	70.6	330	ug/Kg	11/11/25 16:52	PB170478
85-68-7	Butylbenzylphthalate	3300		1	140	330	ug/Kg	11/11/25 16:52	PB170478
91-94-1	3,3-Dichlorobenzidine	2200		1	72.0	650	ug/Kg	11/11/25 16:52	PB170478
56-55-3	Benzo(a)anthracene	2900		1	45.1	330	ug/Kg	11/11/25 16:52	PB170478
218-01-9	Chrysene	2900		1	39.0	330	ug/Kg	11/11/25 16:52	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 16:52	PB170478
117-84-0	Di-n-octyl phthalate	3700		1	170	650	ug/Kg	11/11/25 16:52	PB170478
205-99-2	Benzo(b)fluoranthene	2800		1	37.3	330	ug/Kg	11/11/25 16:52	PB170478
207-08-9	Benzo(k)fluoranthene	2800		1	43.9	330	ug/Kg	11/11/25 16:52	PB170478
50-32-8	Benzo(a)pyrene	3000		1	57.9	330	ug/Kg	11/11/25 16:52	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3000		1	57.1	330	ug/Kg	11/11/25 16:52	PB170478
53-70-3	Dibenzo(a,h)anthracene	3000		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
191-24-2	Benzo(g,h,i)perylene	3100		1	50.4	330	ug/Kg	11/11/25 16:52	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2800		1	50.2	330	ug/Kg	11/11/25 16:52	PB170478
123-91-1	1,4-Dioxane	2500		1	88.7	330	ug/Kg	11/11/25 16:52	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3700		1	53.7	330	ug/Kg	11/11/25 16:52	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	99.1			30 (10) - 130 (105)	66%	SPK: 150		
13127-88-3	Phenol-d6	98.9			30 (10) - 130 (103)	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	66.8			30 (10) - 130 (108)	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	58.7			30 (10) - 130 (108)	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	117			30 (10) - 130 (116)	78%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			30 (10) - 130 (109)	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	296000							
1146-65-2	Naphthalene-d8	1170000							
15067-26-2	Acenaphthene-d10	745000							
1517-22-2	Phenanthrene-d10	1550000							
1719-03-5	Chrysene-d12	1760000							
1520-96-3	Perylene-d12	2070000							

Raw Data: **BP026093.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MS			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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: **BP026094.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2700		1	310	650	ug/Kg	11/11/25 17:33	PB170478
108-95-2	Phenol	3200		1	43.4	330	ug/Kg	11/11/25 17:33	PB170478
111-44-4	bis(2-Chloroethyl)ether	2900		1	47.7	330	ug/Kg	11/11/25 17:33	PB170478
95-57-8	2-Chlorophenol	3300		1	47.9	330	ug/Kg	11/11/25 17:33	PB170478
95-48-7	2-Methylphenol	3200		1	58.7	330	ug/Kg	11/11/25 17:33	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	2600		1	73.6	330	ug/Kg	11/11/25 17:33	PB170478
98-86-2	Acetophenone	3000		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
65794-96-9	3+4-Methylphenols	3200		1	80.7	650	ug/Kg	11/11/25 17:33	PB170478
621-64-7	n-Nitroso-di-n-propylamine	3000		1	93.1	160	ug/Kg	11/11/25 17:33	PB170478
67-72-1	Hexachloroethane	3100		1	34.6	330	ug/Kg	11/11/25 17:33	PB170478
98-95-3	Nitrobenzene	3100		1	35.9	330	ug/Kg	11/11/25 17:33	PB170478
78-59-1	Isophorone	2900		1	64.4	330	ug/Kg	11/11/25 17:33	PB170478
88-75-5	2-Nitrophenol	4200		1	110	330	ug/Kg	11/11/25 17:33	PB170478
105-67-9	2,4-Dimethylphenol	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
111-91-1	bis(2-Chloroethoxy)methane	2900		1	60.5	330	ug/Kg	11/11/25 17:33	PB170478
120-83-2	2,4-Dichlorophenol	3300		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
91-20-3	Naphthalene	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
106-47-8	4-Chloroaniline	1200		1	69.5	330	ug/Kg	11/11/25 17:33	PB170478
87-68-3	Hexachlorobutadiene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
105-60-2	Caprolactam	3300		1	100	650	ug/Kg	11/11/25 17:33	PB170478
59-50-7	4-Chloro-3-methylphenol	3300		1	56.4	330	ug/Kg	11/11/25 17:33	PB170478
91-57-6	2-Methylnaphthalene	2700		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
77-47-4	Hexachlorocyclopentadiene	9200	E	1	230	650	ug/Kg	11/11/25 17:33	PB170478
88-06-2	2,4,6-Trichlorophenol	3500		1	38.9	330	ug/Kg	11/11/25 17:33	PB170478
95-95-4	2,4,5-Trichlorophenol	3400		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
92-52-4	1,1-Biphenyl	2900		1	42.8	330	ug/Kg	11/11/25 17:33	PB170478
91-58-7	2-Chloronaphthalene	2900		1	44.2	330	ug/Kg	11/11/25 17:33	PB170478
88-74-4	2-Nitroaniline	3300		1	94.5	330	ug/Kg	11/11/25 17:33	PB170478
131-11-3	Dimethylphthalate	3000		1	53.2	330	ug/Kg	11/11/25 17:33	PB170478
208-96-8	Acenaphthylene	3400		1	56.8	330	ug/Kg	11/11/25 17:33	PB170478
606-20-2	2,6-Dinitrotoluene	3500		1	66.0	330	ug/Kg	11/11/25 17:33	PB170478
99-09-2	3-Nitroaniline	1900		1	90.3	330	ug/Kg	11/11/25 17:33	PB170478
83-32-9	Acenaphthene	3300		1	41.8	330	ug/Kg	11/11/25 17:33	PB170478
51-28-5	2,4-Dinitrophenol	7200	E	1	450	650	ug/Kg	11/11/25 17:33	PB170478
100-02-7	4-Nitrophenol	6700	E	1	210	650	ug/Kg	11/11/25 17:33	PB170478
132-64-9	Dibenzofuran	2900		1	44.6	330	ug/Kg	11/11/25 17:33	PB170478
121-14-2	2,4-Dinitrotoluene	3400		1	98.4	330	ug/Kg	11/11/25 17:33	PB170478
84-66-2	Diethylphthalate	3000		1	55.6	330	ug/Kg	11/11/25 17:33	PB170478
7005-72-3	4-Chlorophenyl-phenylether	2900		1	52.4	330	ug/Kg	11/11/25 17:33	PB170478
86-73-7	Fluorene	3000		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
100-01-6	4-Nitroaniline	3400		1	130	330	ug/Kg	11/11/25 17:33	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	4100		1	200	650	ug/Kg	11/11/25 17:33	PB170478

Raw Data: **BP026094.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3000		1	64.6	330	ug/Kg	11/11/25 17:33	PB170478
101-55-3	4-Bromophenyl-phenylether	3100		1	54.6	330	ug/Kg	11/11/25 17:33	PB170478
118-74-1	Hexachlorobenzene	3100		1	49.7	330	ug/Kg	11/11/25 17:33	PB170478
1912-24-9	Atrazine	3400		1	66.8	330	ug/Kg	11/11/25 17:33	PB170478
87-86-5	Pentachlorophenol	7100	E	1	100	650	ug/Kg	11/11/25 17:33	PB170478
85-01-8	Phenanthrene	2900		1	41.0	330	ug/Kg	11/11/25 17:33	PB170478
120-12-7	Anthracene	3000		1	65.4	330	ug/Kg	11/11/25 17:33	PB170478
86-74-8	Carbazole	3000		1	61.3	330	ug/Kg	11/11/25 17:33	PB170478
84-74-2	Di-n-butylphthalate	3200		1	94.1	330	ug/Kg	11/11/25 17:33	PB170478
206-44-0	Fluoranthene	3000		1	58.9	330	ug/Kg	11/11/25 17:33	PB170478
129-00-0	Pyrene	2900		1	70.7	330	ug/Kg	11/11/25 17:33	PB170478
85-68-7	Butylbenzylphthalate	3400		1	140	330	ug/Kg	11/11/25 17:33	PB170478
91-94-1	3,3-Dichlorobenzidine	2400		1	72.1	650	ug/Kg	11/11/25 17:33	PB170478
56-55-3	Benzo(a)anthracene	3000		1	45.2	330	ug/Kg	11/11/25 17:33	PB170478
218-01-9	Chrysene	2900		1	39.1	330	ug/Kg	11/11/25 17:33	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	3100		1	120	330	ug/Kg	11/11/25 17:33	PB170478
117-84-0	Di-n-octyl phthalate	3900		1	170	650	ug/Kg	11/11/25 17:33	PB170478
205-99-2	Benzo(b)fluoranthene	3000		1	37.3	330	ug/Kg	11/11/25 17:33	PB170478
207-08-9	Benzo(k)fluoranthene	2900		1	44.0	330	ug/Kg	11/11/25 17:33	PB170478
50-32-8	Benzo(a)pyrene	3100		1	57.9	330	ug/Kg	11/11/25 17:33	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	3100		1	57.2	330	ug/Kg	11/11/25 17:33	PB170478
53-70-3	Dibenzo(a,h)anthracene	3100		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
191-24-2	Benzo(g,h,i)perylene	3200		1	50.5	330	ug/Kg	11/11/25 17:33	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1	50.3	330	ug/Kg	11/11/25 17:33	PB170478
123-91-1	1,4-Dioxane	2500		1	88.8	330	ug/Kg	11/11/25 17:33	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	53.8	330	ug/Kg	11/11/25 17:33	PB170478
SURROGATES									
367-12-4	2-Fluorophenol	105			30 (10) - 130 (105)	70%	SPK: 150		
13127-88-3	Phenol-d6	106			30 (10) - 130 (103)	71%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.1			30 (10) - 130 (108)	68%	SPK: 100		
321-60-8	2-Fluorobiphenyl	61.7			30 (10) - 130 (108)	62%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			30 (10) - 130 (116)	79%	SPK: 150		
1718-51-0	Terphenyl-d14	62.3			30 (10) - 130 (109)	62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	271000							
1146-65-2	Naphthalene-d8	1120000							
15067-26-2	Acenaphthene-d10	711000							
1517-22-2	Phenanthrene-d10	1440000							
1719-03-5	Chrysene-d12	1560000							
1520-96-3	Perylene-d12	1930000							

Raw Data: **BP026094.D**

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

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	11/06/25
Project:	Edison Landfill			Date Received:	11/07/25
Client Sample ID:	SED-3MSD			SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF1441
76.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)		Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)		n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5)	S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)		Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7)	S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)		2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)		Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10)	C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)		bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)		1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13)	C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)		1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)		Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)		2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)		2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)		Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19)	P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)		3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23)	S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)		Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)		Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26)	C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)		2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)		bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29)	C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)		1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)		Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)		Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)		4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34)	C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)		Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36)	C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)		2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)		1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

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Method File : 8270-BF110525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41)	P	Hexachlorocycl...		0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78
42)	S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43)	C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)		2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45)	S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)		1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)		2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)		2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)		Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)		Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)		2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52)	C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)		3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54)	P	2,4-Dinitrophenol		0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99
55)		Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56)	P	4-Nitrophenol		0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64
57)		2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)		Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)		2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)		Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)		4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)		4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)		Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99
66)	c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)		4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)		Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)		Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70)	C	Pentachlorophenol		0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76
71)		Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)		Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)		Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)		Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75)	C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98
78)		Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79)	S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)		Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)		Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)		3,3'-Dichlorob...		0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77
83)		Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)		Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85)	c	Di-n-octyl pht...		1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91

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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)		Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)		Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90)	C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)		Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)		Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_F Calibration Date/Time: 11/11/2025 10:09

Lab File ID: BF144198.D Init. Calib. Date(s): 11/05/2025 11/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo(a)anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo(b)fluoranthene	1.137	1.103		-3.0	
Benzo(k)fluoranthene	1.064	1.090		2.4	
Benzo(a)pyrene	1.049	1.050		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.464		2.0	
Dibenzo(a,h)anthracene	1.153	1.177		2.1	
Benzo(g,h,i)perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3586

Instrument ID: BNA_P Calibration Date/Time: 11/11/2025 14:44

Lab File ID: BP026090.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo(a)anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo(b)fluoranthene	1.242	1.261		1.5	
Benzo(k)fluoranthene	1.268	1.232		-2.8	
Benzo(a)pyrene	1.141	1.172		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.518		2.8	
Dibenzo(a,h)anthracene	1.202	1.234		2.7	
Benzo(g,h,i)perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

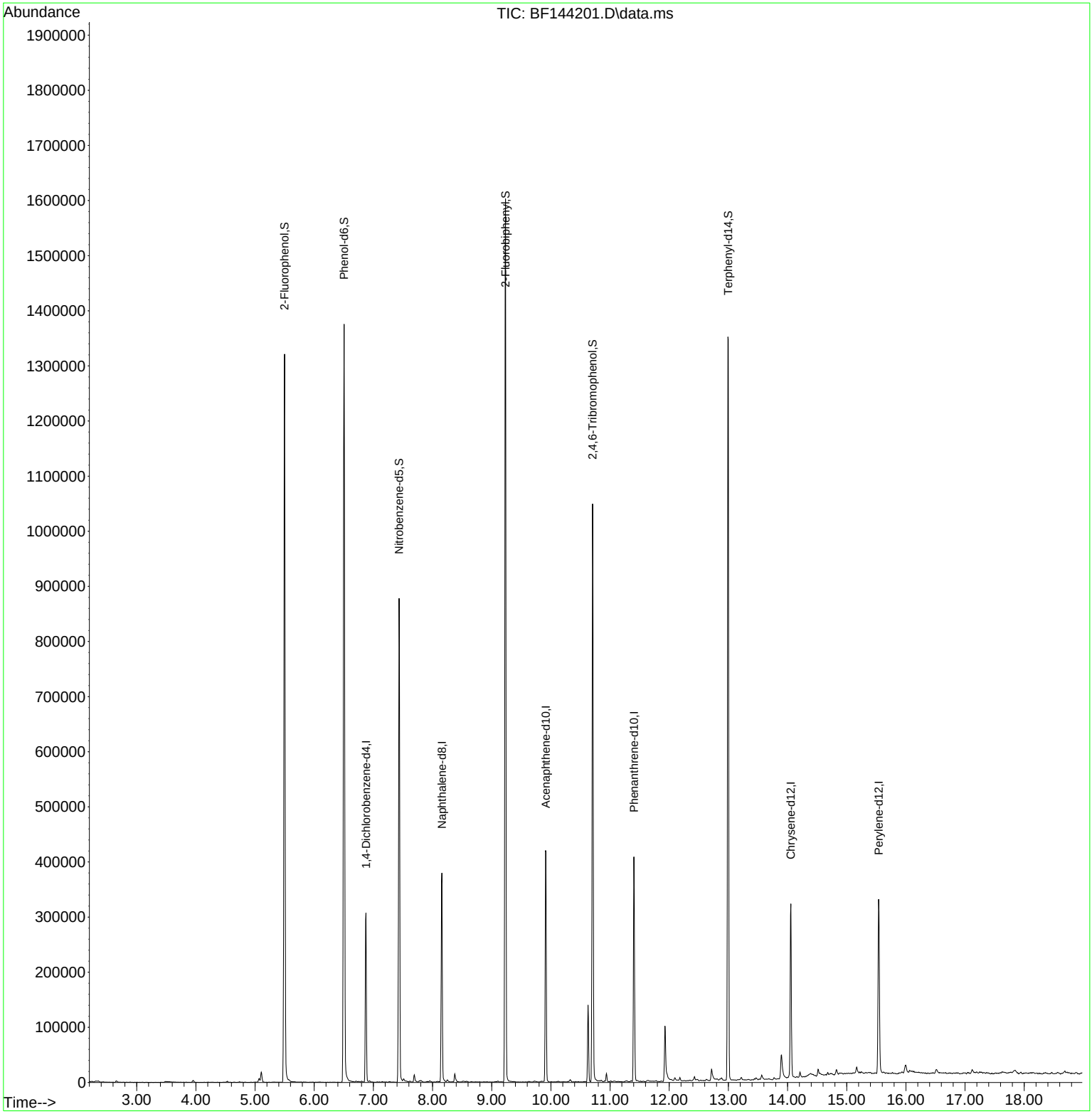
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66900	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	248822	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132870	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	221346	20.000	ng	0.00
76) Chrysene-d12	14.057	240	167727	20.000	ng	0.00
86) Perylene-d12	15.539	264	213949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503087	117.678	ng	0.00
7) Phenol-d6	6.504	99	582365	120.223	ng	0.00
23) Nitrobenzene-d5	7.434	82	371885	86.320	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210459	126.223	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	758037	84.261	ng	0.00
79) Terphenyl-d14	12.998	244	741841	70.254	ng	0.00
Target Compounds						Qvalue

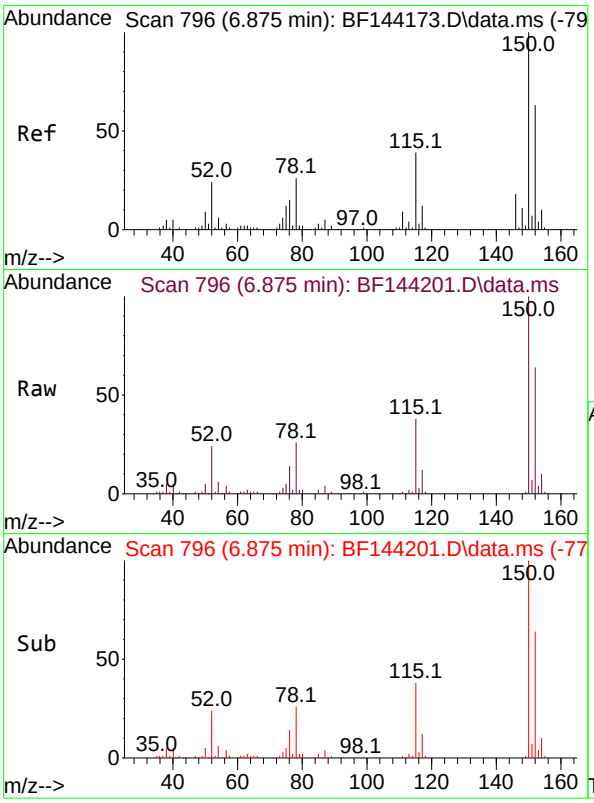
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Time: Nov 11 14:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



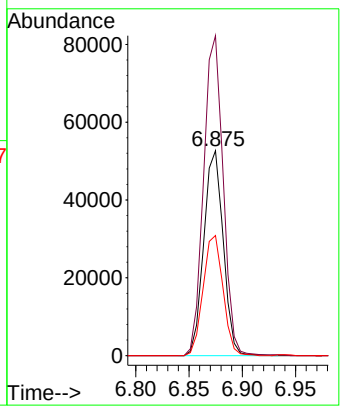


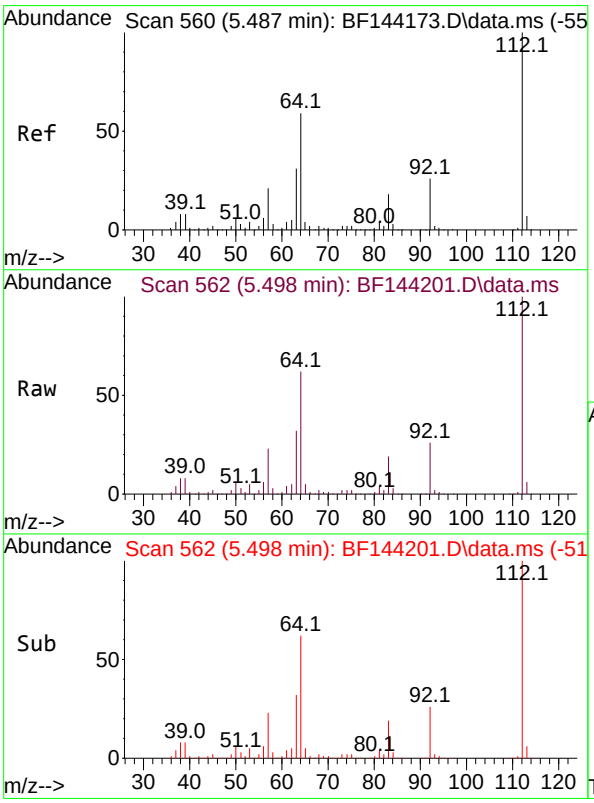
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:152 Resp: 66900

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	58.6	49.5	74.3

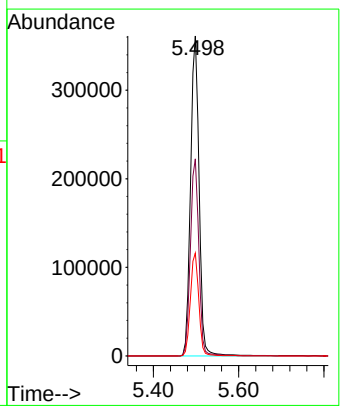


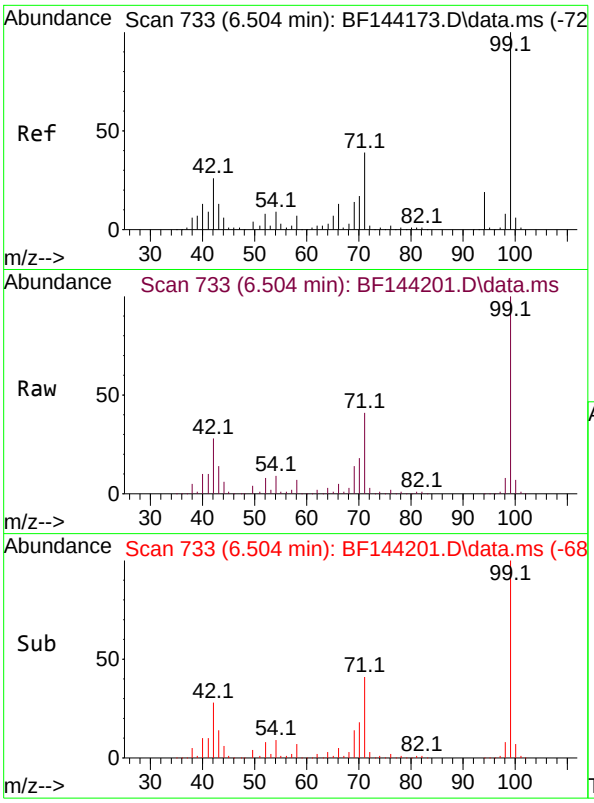


#5
2-Fluorophenol
Concen: 117.678 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:112 Resp: 503087

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.2	70.8
63	32.1	24.4	36.6



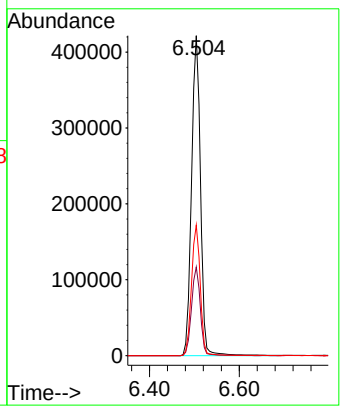


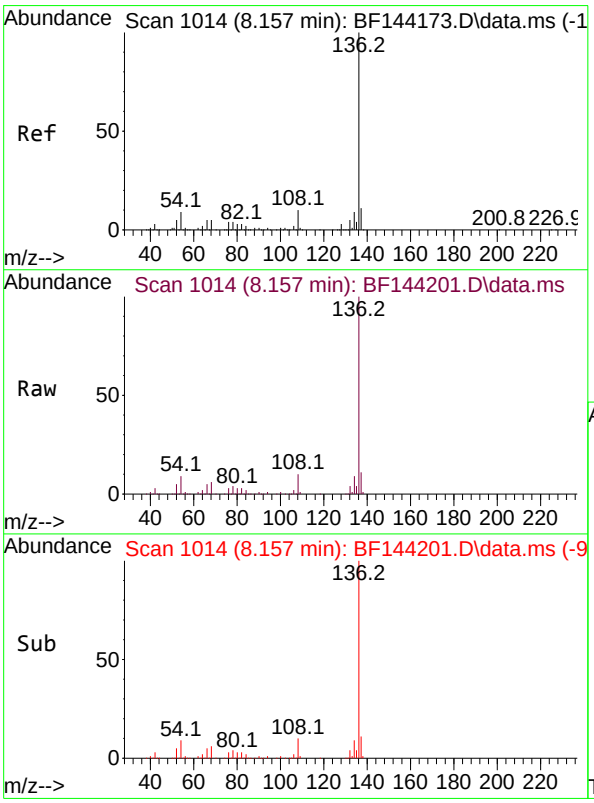
#7
Phenol-d6
Concen: 120.223 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion: 99 Resp: 582365

Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.9	31.3
71	40.8	31.4	47.2

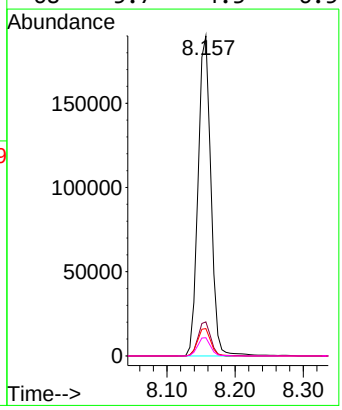


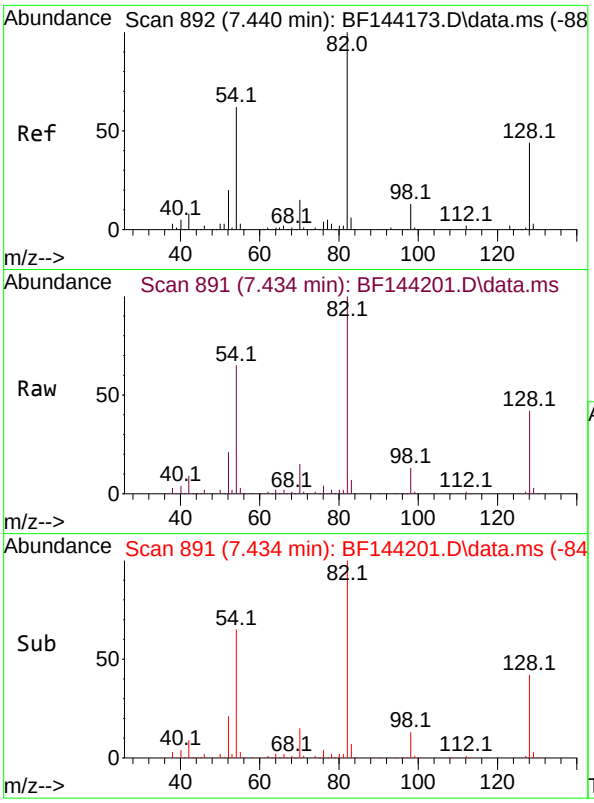


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:136 Resp: 248822

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	7.0	10.6
68	5.7	4.3	6.5



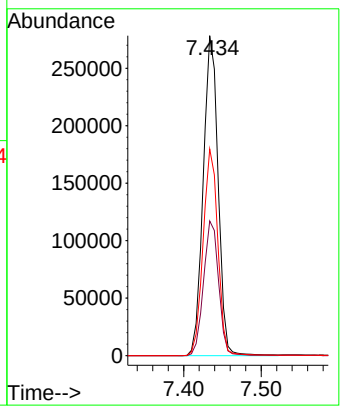


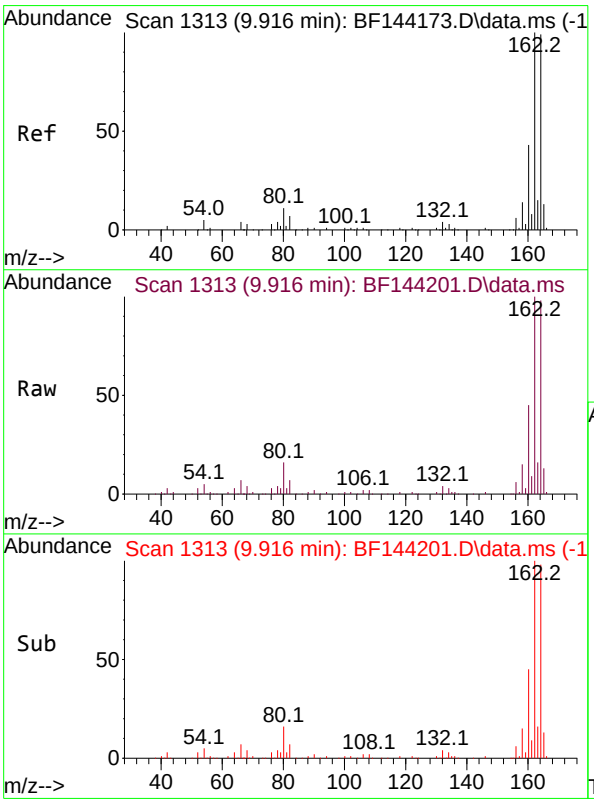
#23
Nitrobenzene-d5
Concen: 86.320 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion: 82 Resp: 371885

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.7	52.1
54	64.6	49.5	74.3

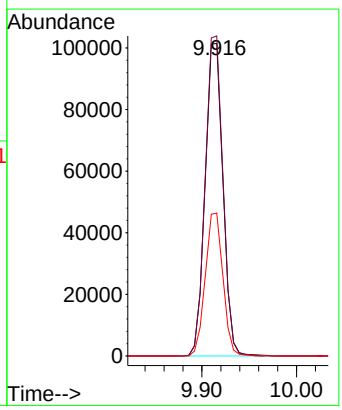


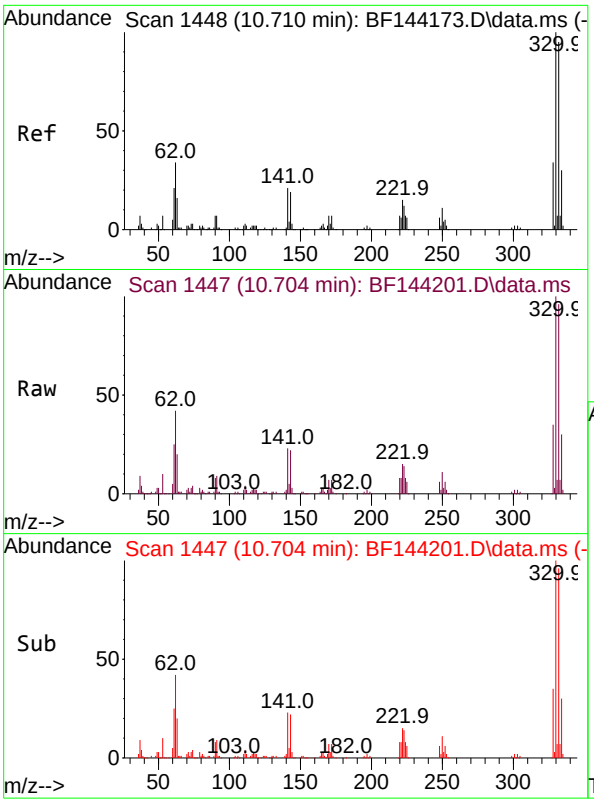


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:164 Resp: 132870

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	45.7	34.5	51.7



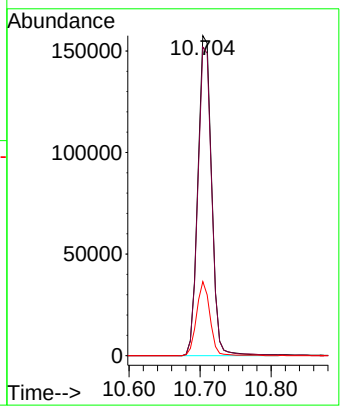


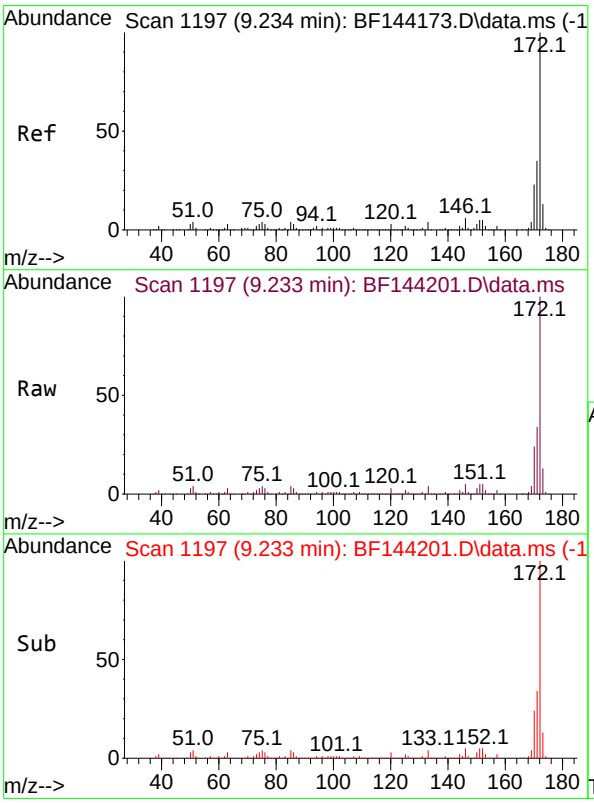
#42
2,4,6-Tribromophenol
Concen: 126.223 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:330 Resp: 210459

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	22.5	17.8	26.8

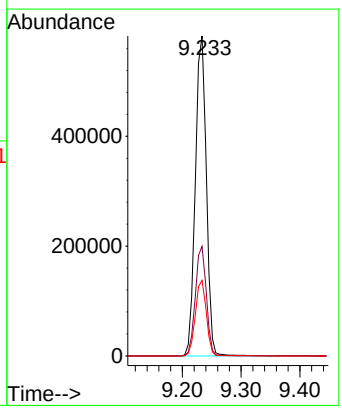


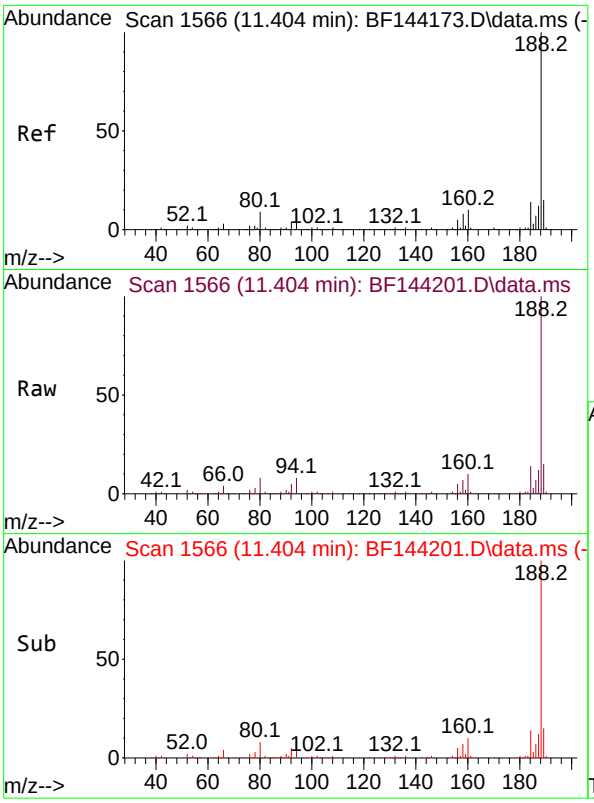


#45
2-Fluorobiphenyl
Concen: 84.261 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:172 Resp: 758037

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.6	18.6	28.0



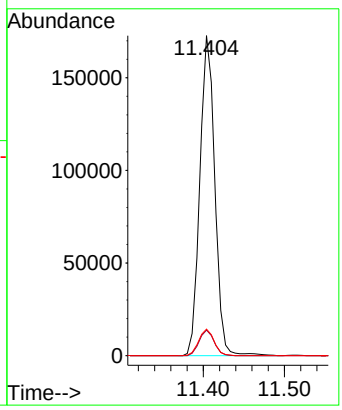


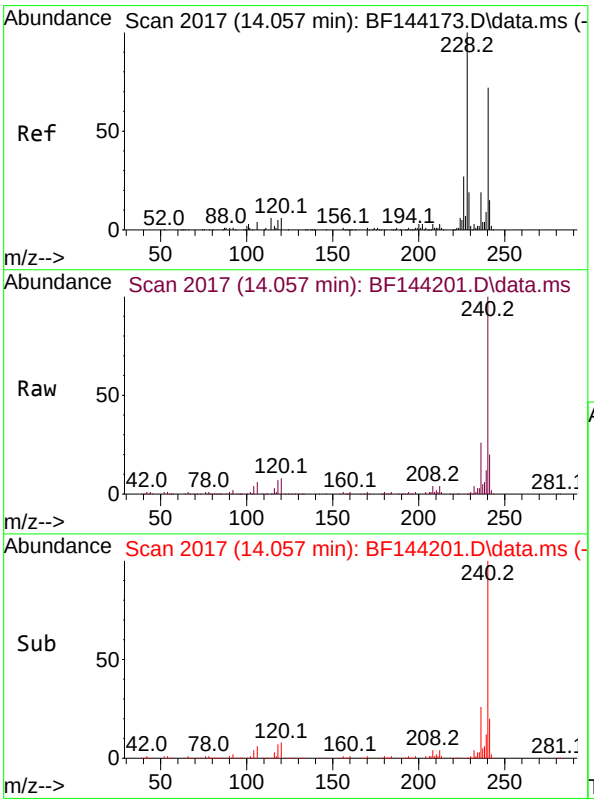
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:188 Resp: 221346

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.3	6.9	10.3

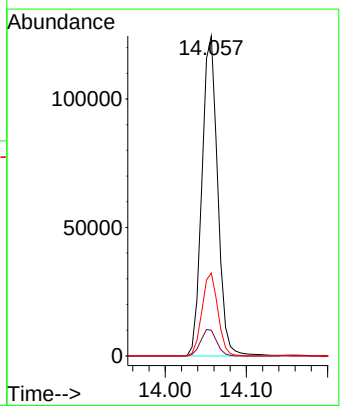


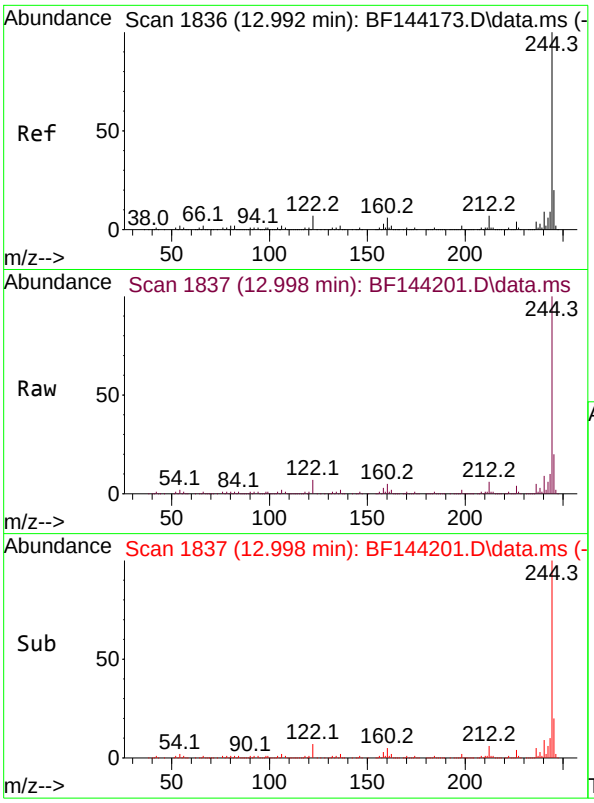


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:240 Resp: 167727

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.6	10.0
236	25.9	21.4	32.2



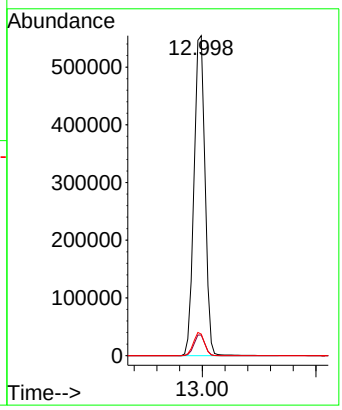


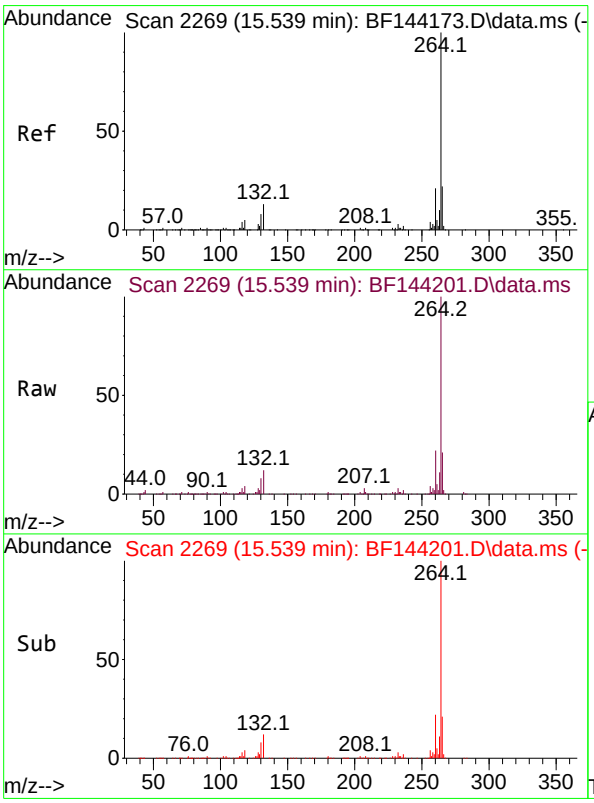
#79
Terphenyl-d14
Concen: 70.254 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Instrument :
BNA_F
ClientSampleId :
SED-1

Tgt Ion:244 Resp: 741841

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	6.7	5.6	8.4

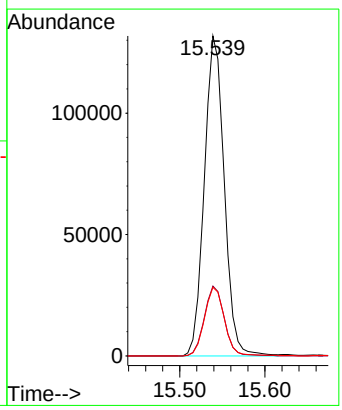




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:264 Resp: 213949

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.1	25.7
265	21.4	17.4	26.0



Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	491	495	508	rVB	18289	30055	1.45%	0.221%
2	5.498	556	562	573	rBV	1320816	1804168	86.77%	13.253%
3	6.504	727	733	748	rBV	1375412	1890063	90.90%	13.884%
4	6.875	791	796	801	rBV	306814	394228	18.96%	2.896%
5	7.434	885	891	901	rBV	877668	1167863	56.16%	8.579%
6	7.692	930	935	945	rVB	13468	22000	1.06%	0.162%
7	8.157	1008	1014	1026	rVB	378523	493100	23.71%	3.622%
8	8.375	1047	1051	1059	rBV2	14502	22747	1.09%	0.167%
9	9.233	1191	1197	1202	rBV	1602537	2079372	100.00%	15.275%
10	9.910	1307	1312	1318	rBV	418972	542355	26.08%	3.984%
11	10.627	1429	1434	1440	rBV	139438	173087	8.32%	1.271%
12	10.704	1442	1447	1463	rBV	1048293	1364866	65.64%	10.026%
13	11.404	1561	1566	1573	rBV	407684	515985	24.81%	3.790%
14	11.927	1650	1655	1670	rBV2	100702	176581	8.49%	1.297%
15	12.716	1784	1789	1799	rBV2	20252	42136	2.03%	0.310%
16	12.992	1831	1836	1842	rBV	1348239	1806935	86.90%	13.274%
17	13.898	1983	1990	2005	rBV	43443	103659	4.99%	0.761%
18	14.057	2009	2017	2030	rVV	315351	432879	20.82%	3.180%
19	15.539	2263	2269	2280	rBV	316307	520143	25.01%	3.821%
20	15.998	2341	2347	2354	rBV4	13873	30847	1.48%	0.227%

Sum of corrected areas: 13613069

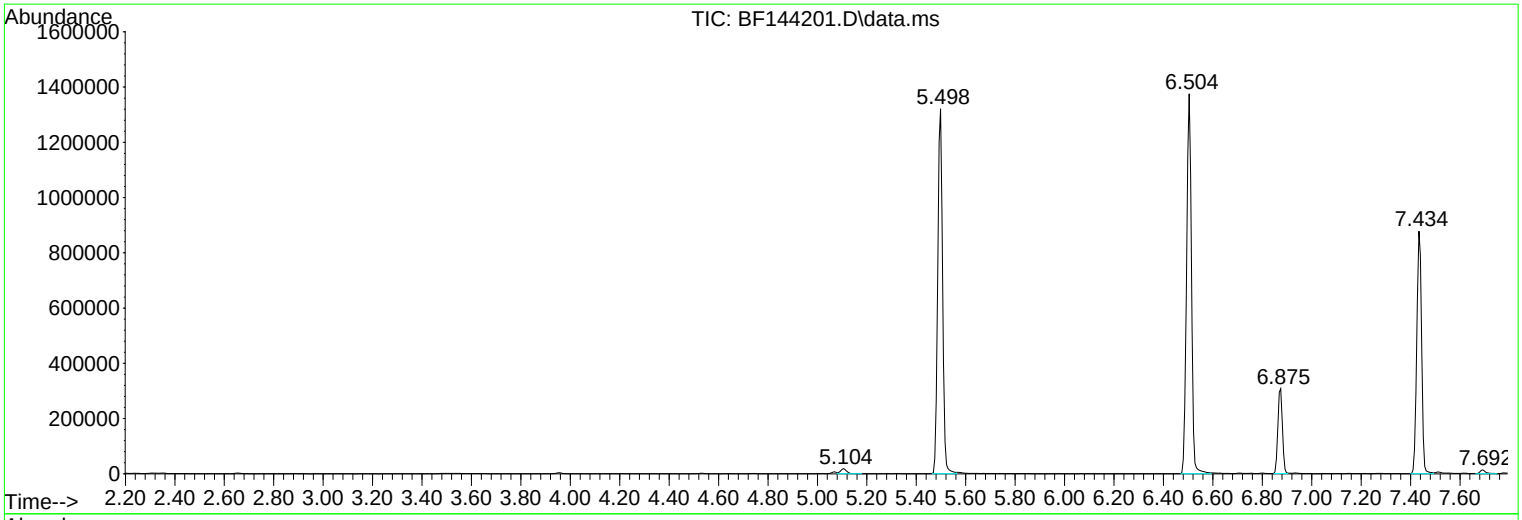
Sample Results: **BF144201.D**

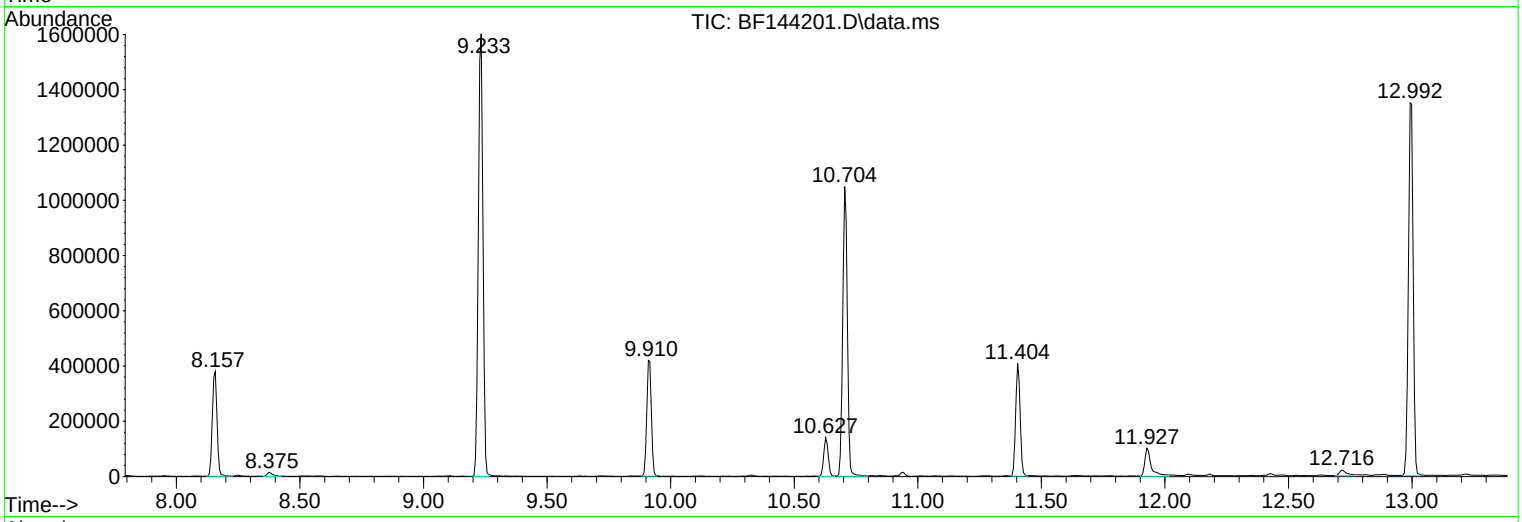
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

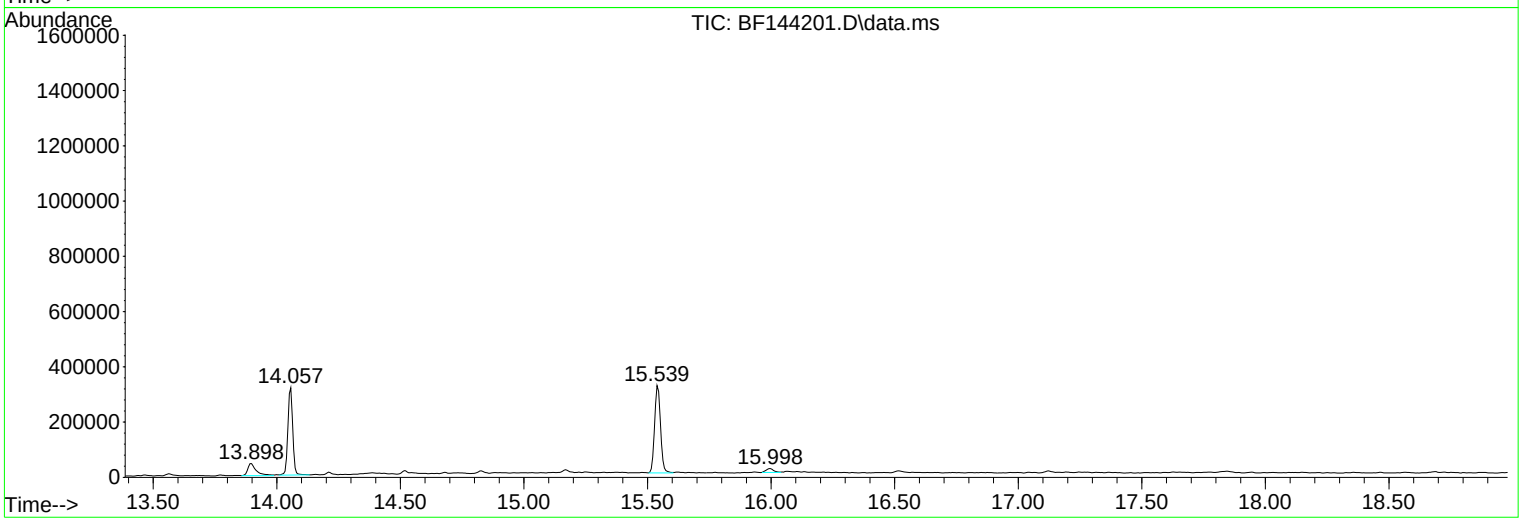
Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BF144201.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

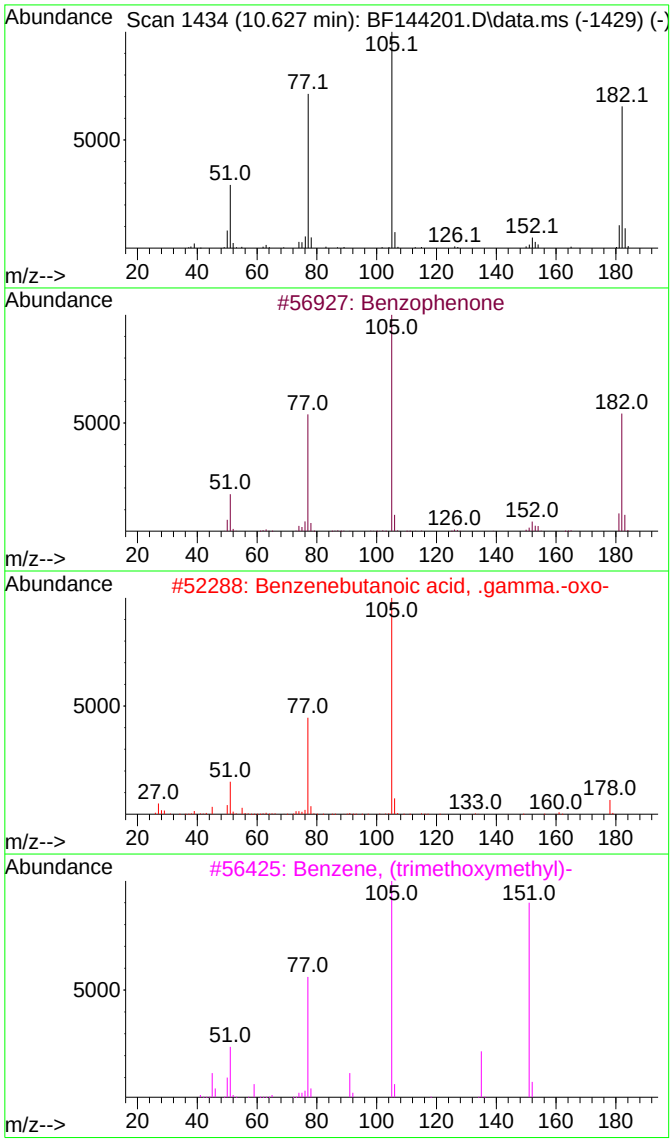
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

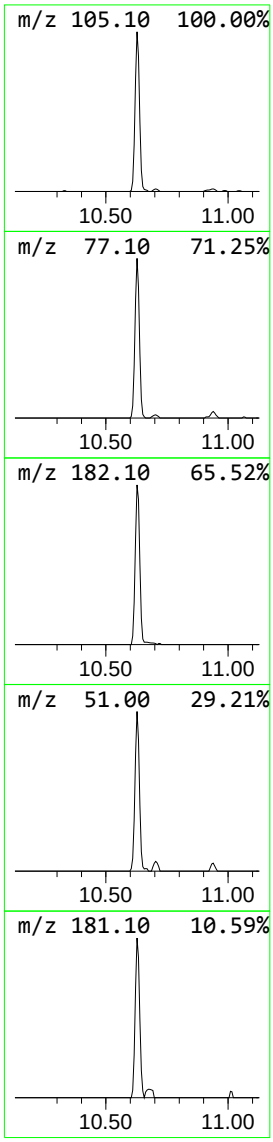
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.38 ng	173087	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
3	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	43
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	43
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

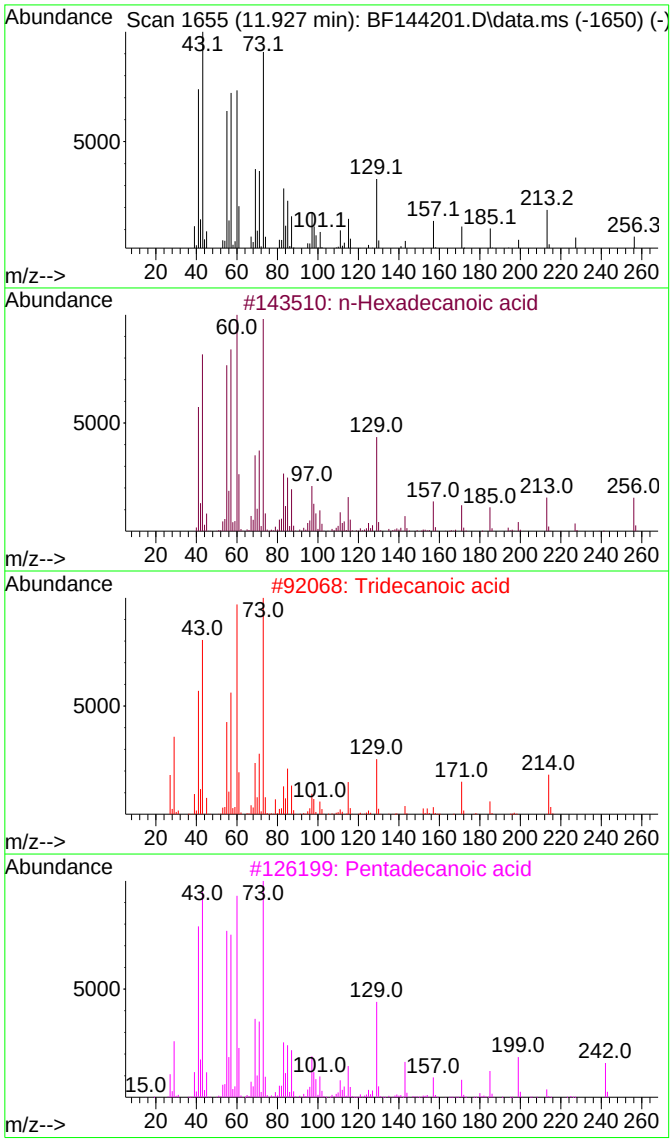
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

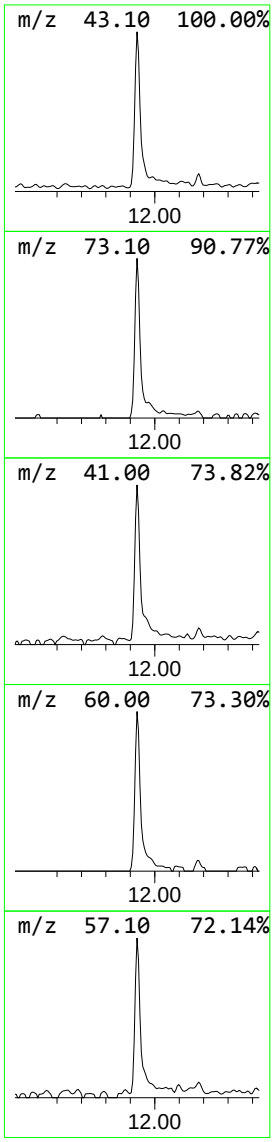
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.84 ng	176581	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

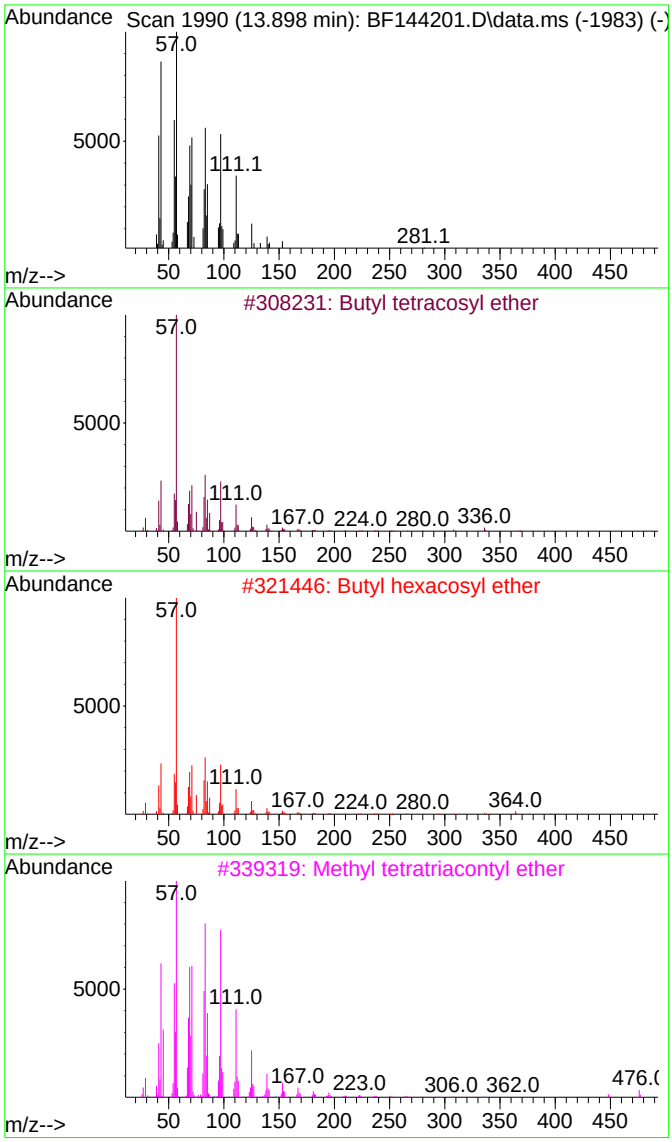
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

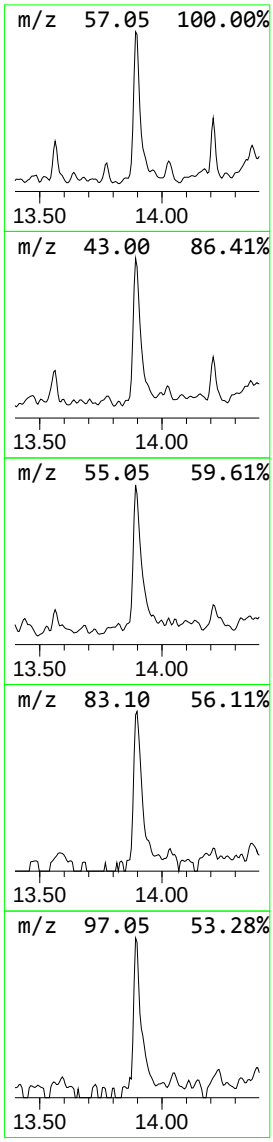
****

Peak Number 3 Butyl tetracosyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.79 ng	103659	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	91
2	Butyl hexacosyl ether	438	C30H62O	1000406-41-0	91
3	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144201.D
Acq On : 11 Nov 2025 14:09
Operator : RC/JU
Sample : Q3586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Benzophenone	10.628	6.4	ng	173087	3	9.916	542355	20.0
n-Hexadecanoic ...	11.927	6.8	ng	176581	4	11.404	515985	20.0
Butyl tetracosy...	13.898	4.8	ng	103659	5	14.057	432879	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

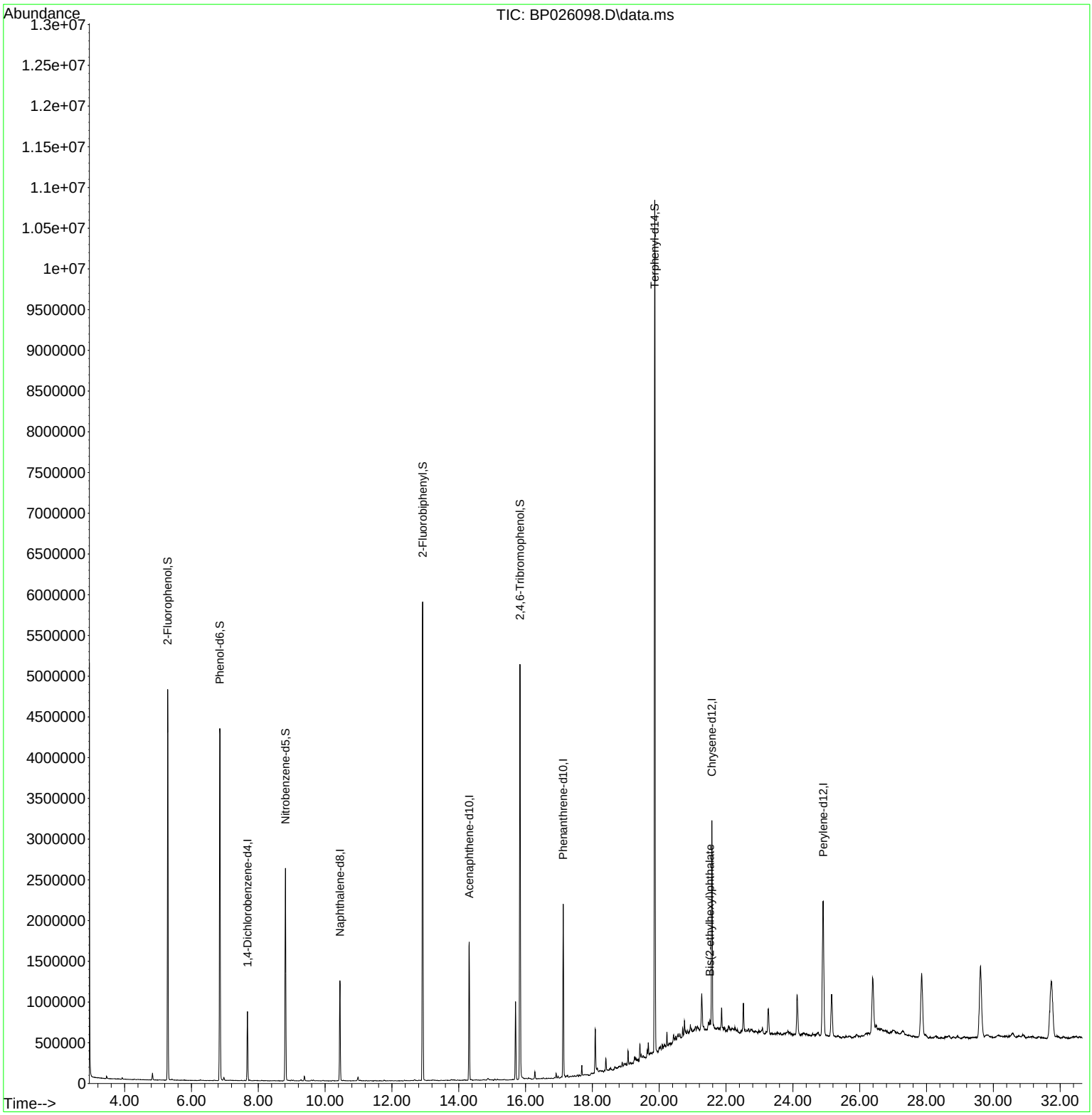
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	249884	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	984033	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	622887	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1353624	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1635330	20.000	ng	0.01
86) Perylene-d12	24.907	264	1941015	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2077906	137.214	ng	0.00
7) Phenol-d6	6.849	99	2598995	134.839	ng	0.00
23) Nitrobenzene-d5	8.813	82	1442241	91.368	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1120470	166.390	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	3428382	79.089	ng	-0.01
79) Terphenyl-d14	19.866	244	6074059	75.462	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.519	149	51211	3.332	ng	# 95

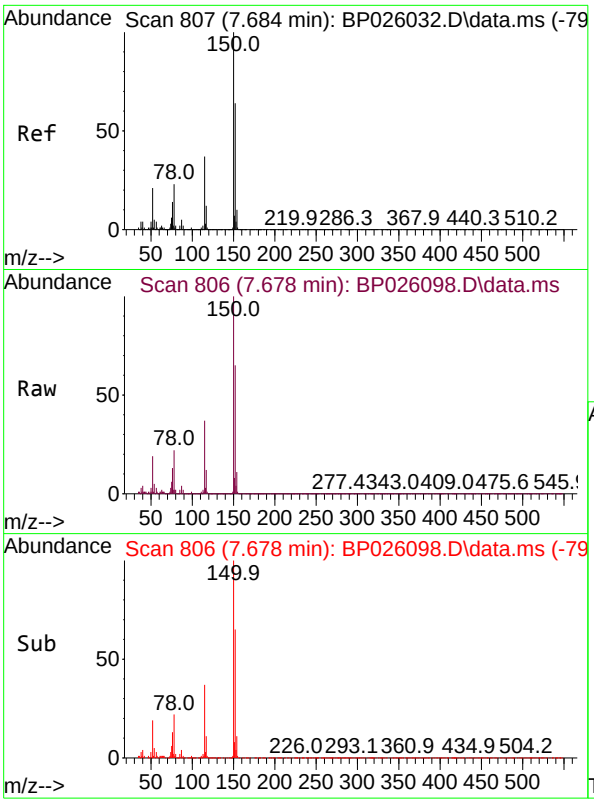
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Time: Nov 12 01:47:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



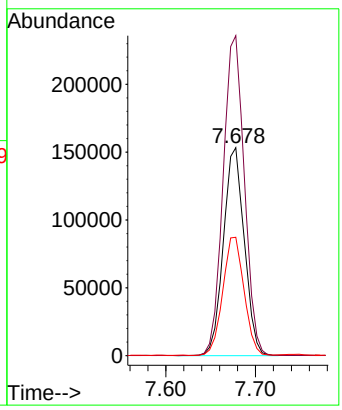


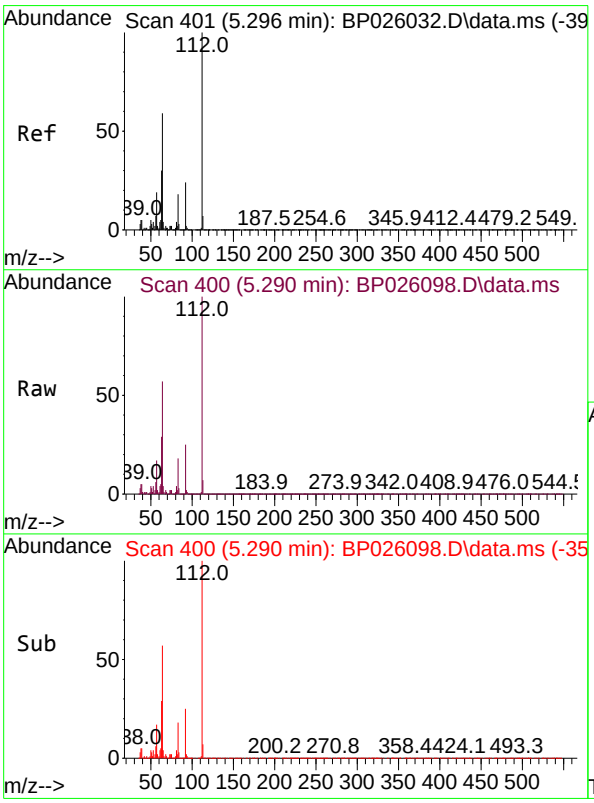
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:152 Resp: 249884

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.7	188.5
115	56.9	46.4	69.6

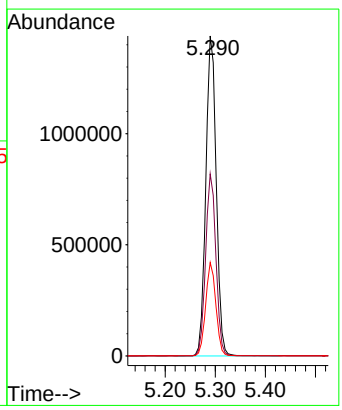


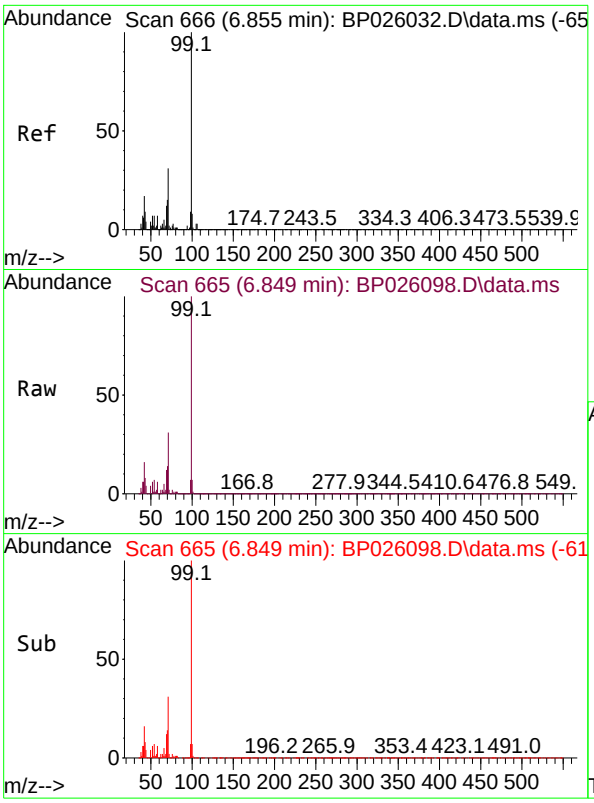


#5
2-Fluorophenol
Concen: 137.214 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:112 Resp: 2077906

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.4	71.2
63	29.2	24.2	36.4



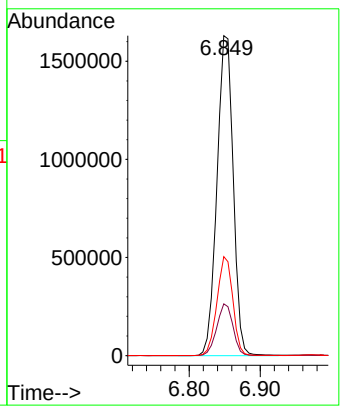


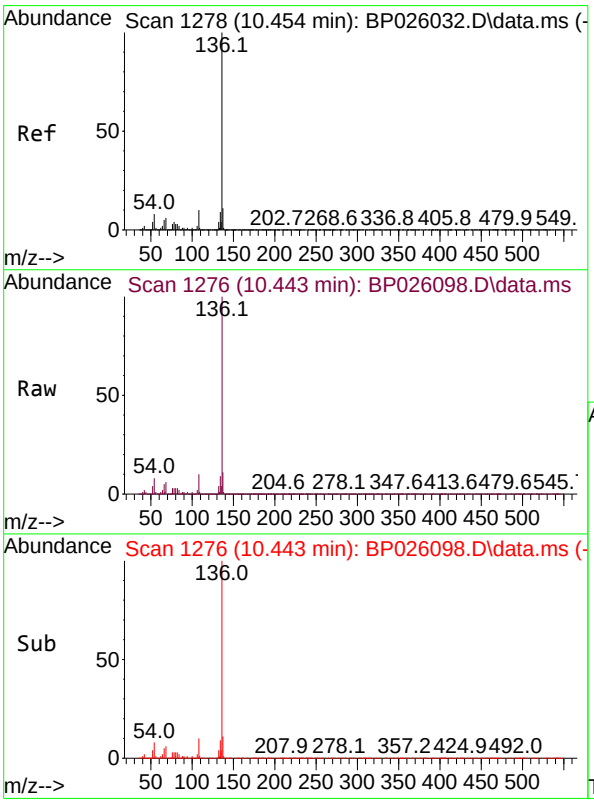
#7
Phenol-d6
Concen: 134.839 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion: 99 Resp: 2598995

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	30.9	24.4	36.6

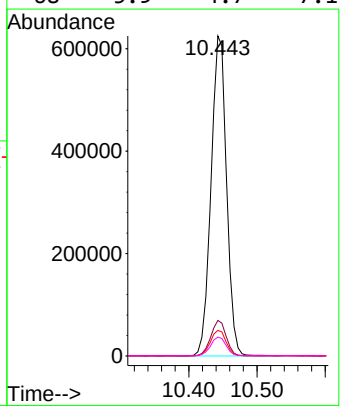


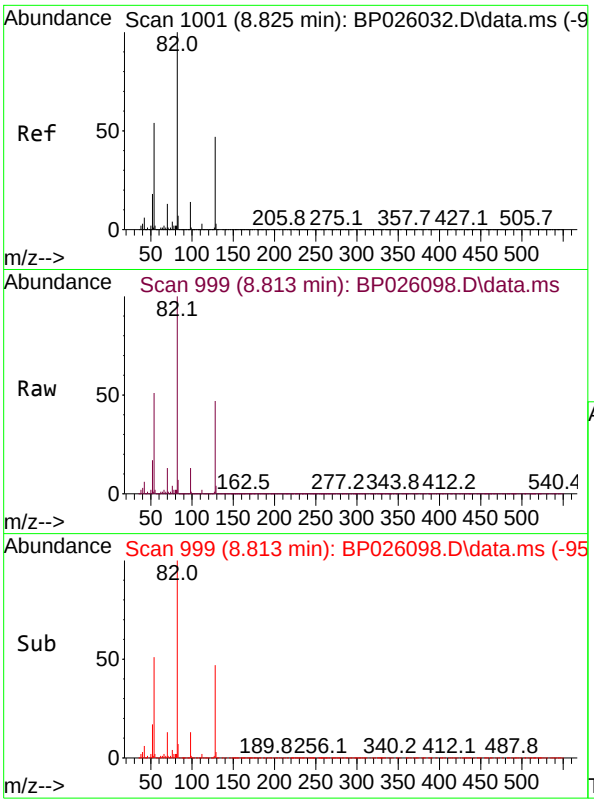


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:136 Resp: 984033

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.6	10.0
68	5.9	4.7	7.1



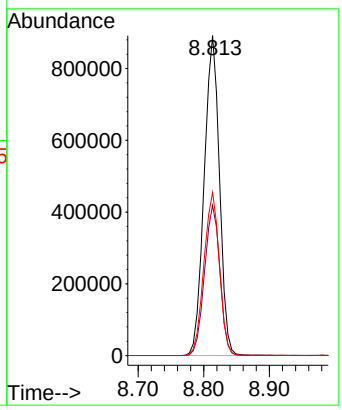


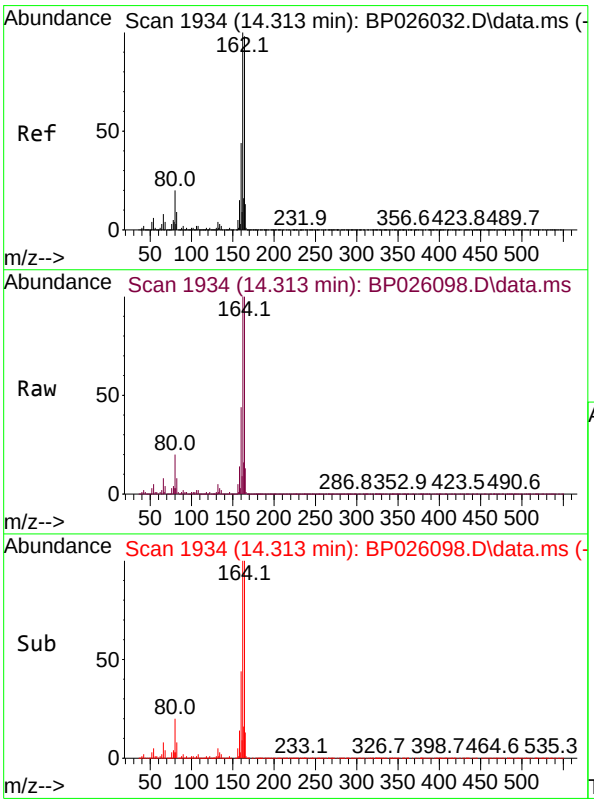
#23
Nitrobenzene-d5
Concen: 91.368 ng
RT: 8.813 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion: 82 Resp: 1442241

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.0	42.7	64.1

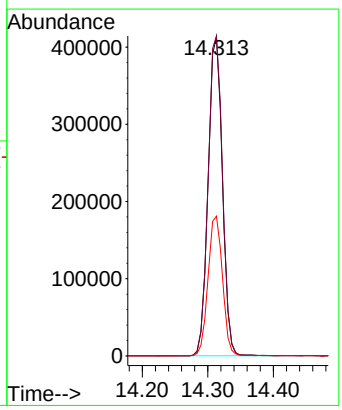


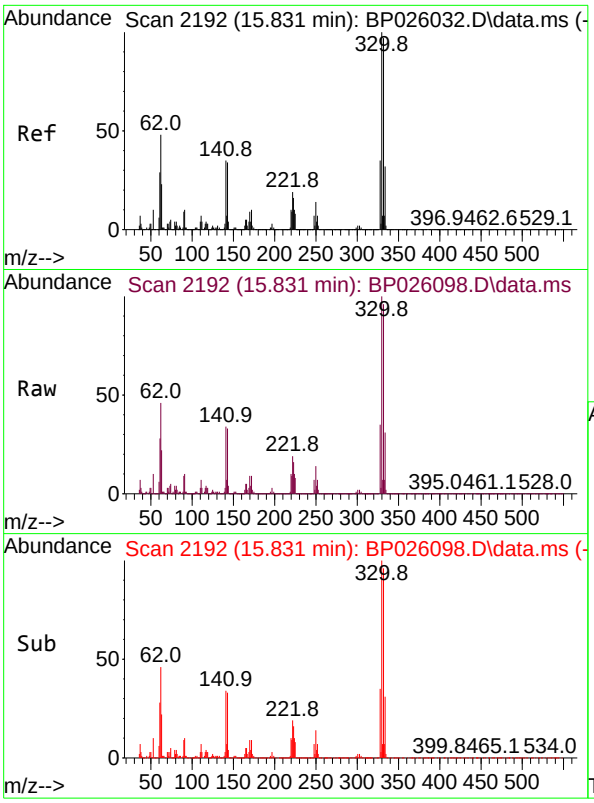


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:164 Resp: 622887

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.5	122.3
160	43.8	36.2	54.4



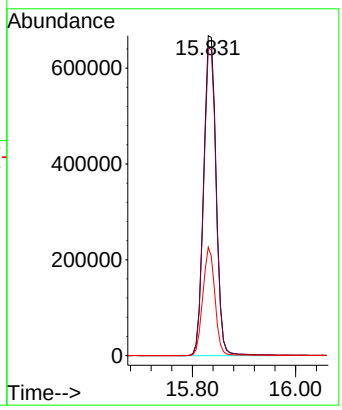


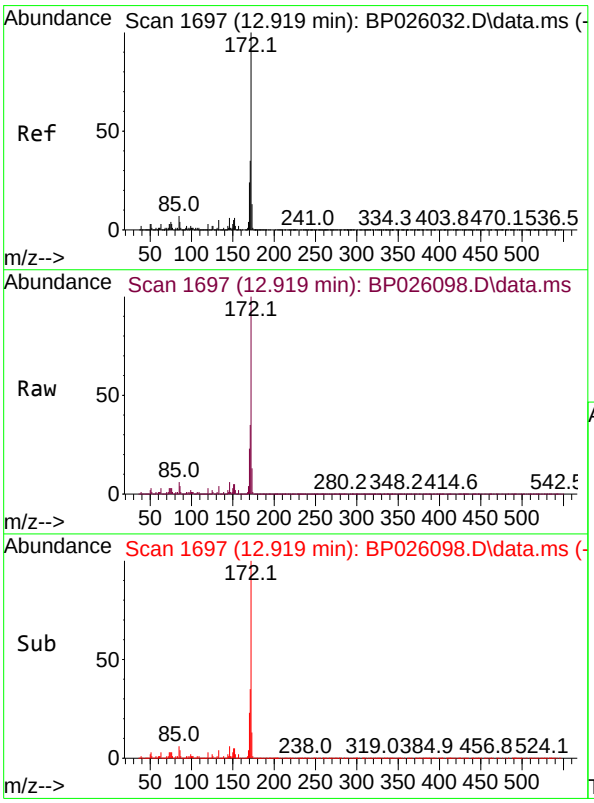
#42
2,4,6-Tribromophenol
Concen: 166.390 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:330 Resp: 1120470

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.8	28.6	42.8

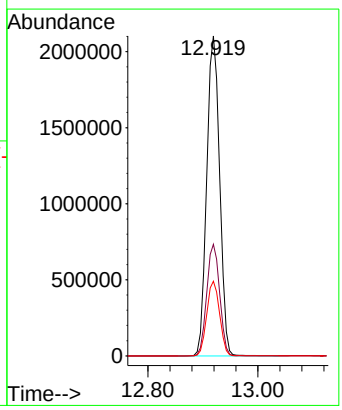


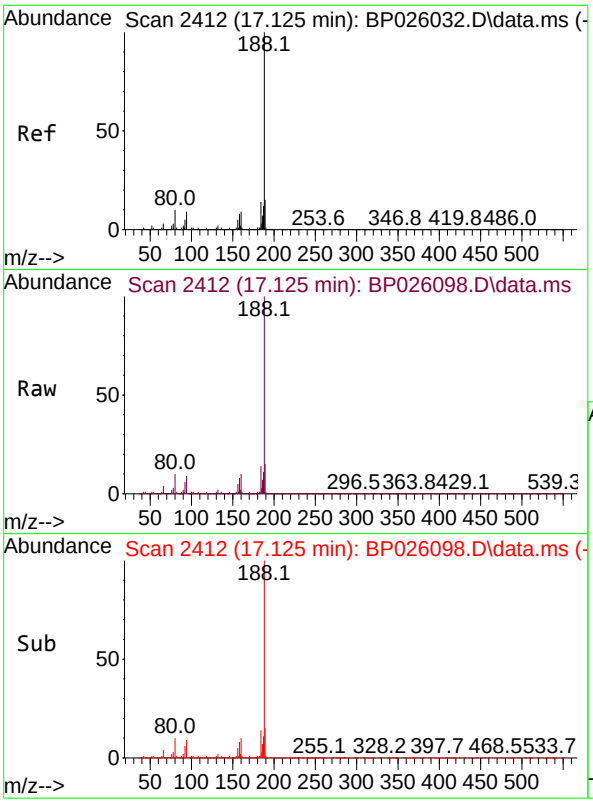


#45
2-Fluorobiphenyl
Concen: 79.089 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:172 Resp: 3428382

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.0	28.4



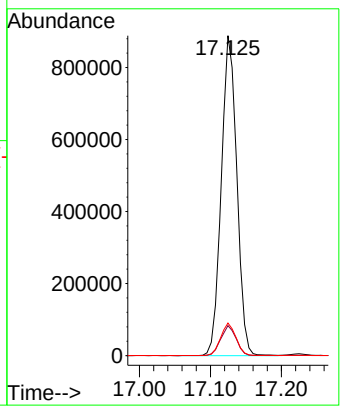


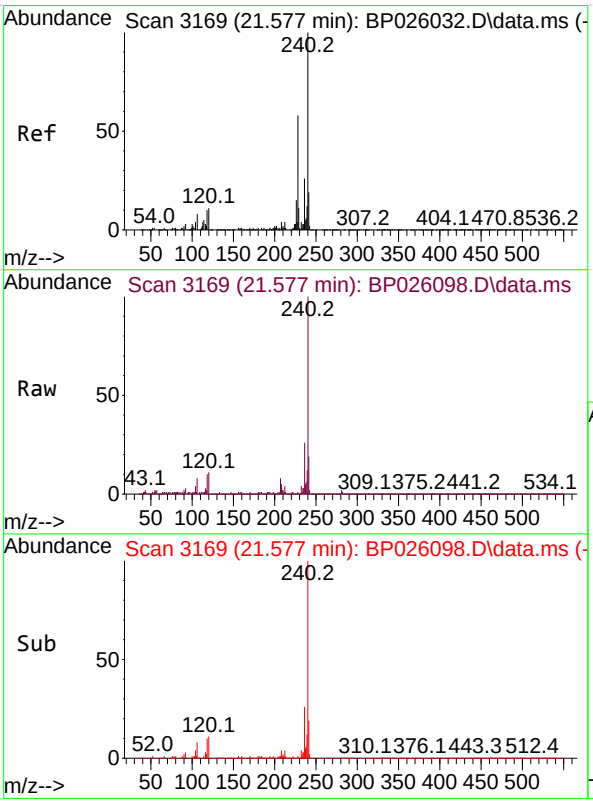
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:188 Resp: 1353624

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.2	7.9	11.9

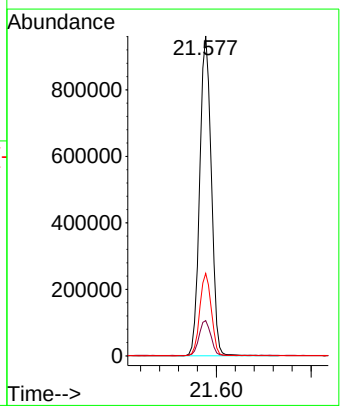


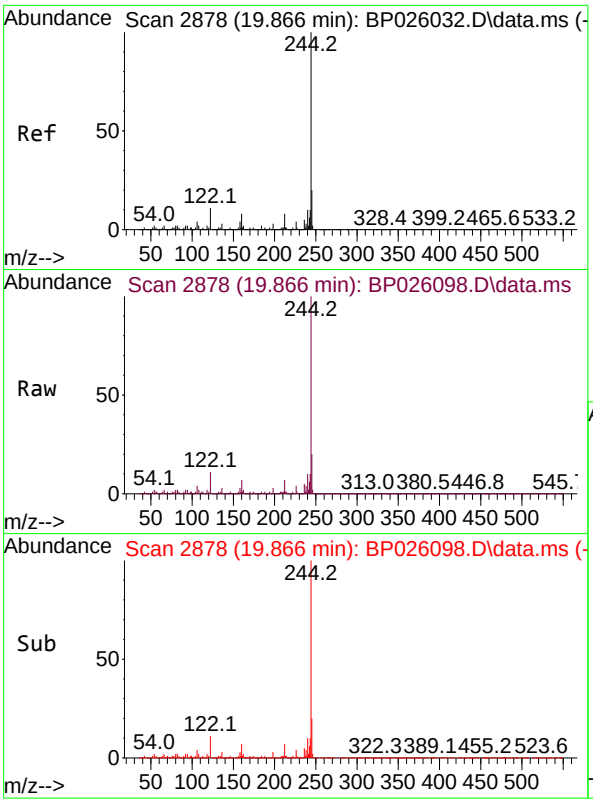


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:240 Resp: 1635330

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.8	20.6	31.0



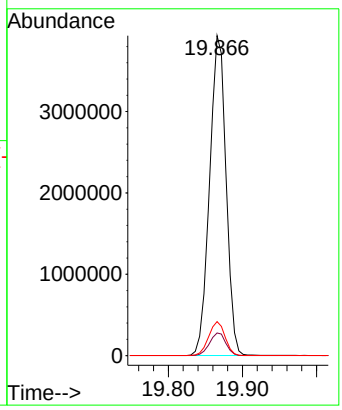


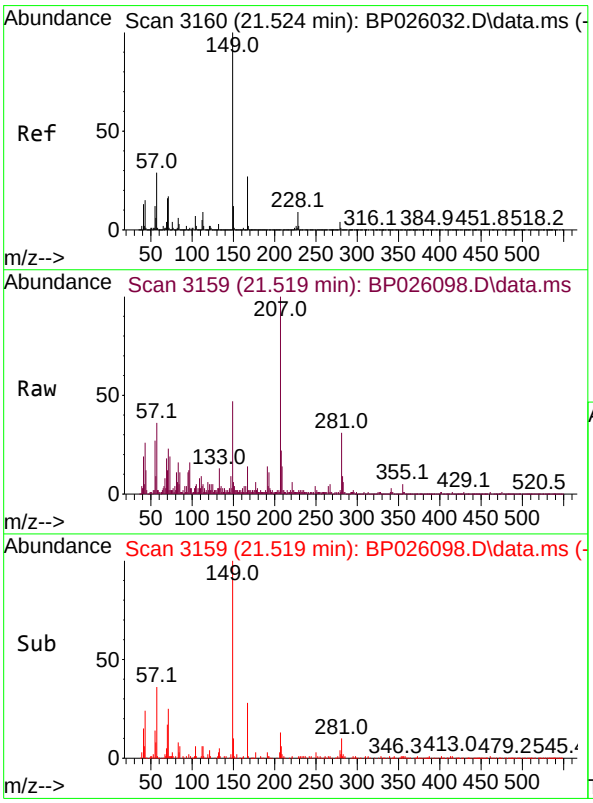
#79
Terphenyl-d14
Concen: 75.462 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:244 Resp: 6074059

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.6	9.0	13.6

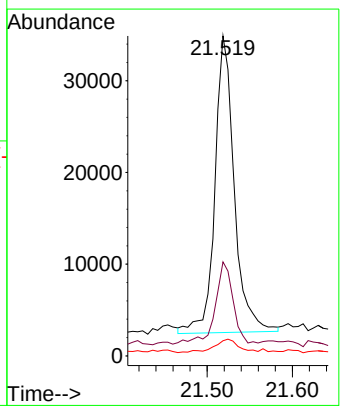


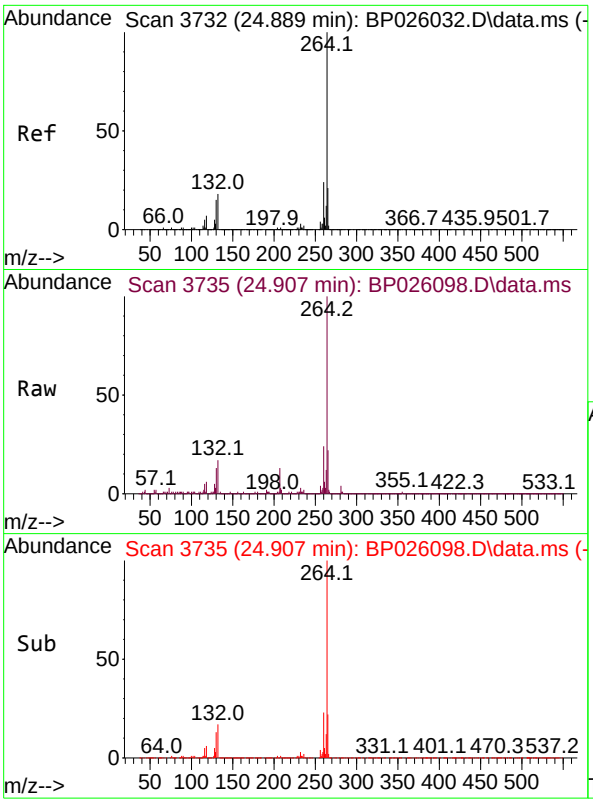


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.332 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Tgt Ion:149 Resp: 51211

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.5	32.3
279	4.7	3.0	4.6#



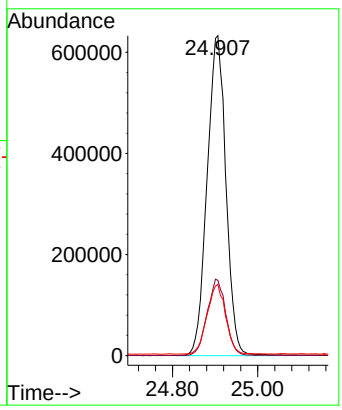


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP026098.D
Acq: 11 Nov 2025 20:18

Instrument :
BNA_P
ClientSampleId :
SED-2

Tgt Ion:264 Resp: 1941015

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.3	17.2	25.8



Sample Results: **BP026098.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	393	400	410	rBV	4796267	6856935	42.21%	7.983%
2	6.849	658	665	679	rBV	4321683	7007609	43.14%	8.159%
3	7.678	797	806	813	rBV	849971	1406428	8.66%	1.637%
4	8.813	990	999	1008	rBV	2609290	4273459	26.31%	4.976%
5	10.443	1267	1276	1284	rBV	1230486	1956144	12.04%	2.278%
6	12.919	1690	1697	1709	rBV	5877386	9569728	58.92%	11.142%
7	14.313	1927	1934	1940	rBV	1697096	2601192	16.01%	3.029%
8	15.701	2163	2170	2181	rVB	956790	1468175	9.04%	1.709%
9	15.831	2185	2192	2213	rVV	5092733	8390870	51.66%	9.769%
10	17.125	2406	2412	2419	rBV2	2123496	3265517	20.10%	3.802%
11	18.083	2570	2575	2583	rBV	544202	990709	6.10%	1.153%
12	18.401	2625	2629	2636	rBV	151926	238261	1.47%	0.277%
13	19.066	2738	2742	2748	rBV	176701	250243	1.54%	0.291%
14	19.419	2799	2802	2806	rBV	205752	301730	1.86%	0.351%
15	19.866	2871	2878	2890	rBV	10467613	16242942	100.00%	18.912%
16	20.230	2937	2940	2945	rVB2	173448	190846	1.17%	0.222%
17	20.754	3027	3029	3035	rVB3	144089	166873	1.03%	0.194%
18	21.271	3113	3117	3124	rVB3	399869	726774	4.47%	0.846%
19	21.577	3163	3169	3176	rVB2	2512412	4255300	26.20%	4.954%
20	21.866	3216	3218	3223	rVB	244304	293203	1.81%	0.341%
21	22.518	3325	3329	3335	rVB	336048	541814	3.34%	0.631%
22	23.265	3451	3456	3465	rVB2	313434	734319	4.52%	0.855%
23	24.124	3598	3602	3617	rVB	499847	1256497	7.74%	1.463%
24	24.907	3726	3735	3748	rVB	1646247	4991709	30.73%	5.812%
25	25.160	3772	3778	3789	rVB	513148	1424421	8.77%	1.658%
26	26.383	3982	3986	4000	rVB2	618676	1910737	11.76%	2.225%
27	29.618	4525	4536	4554	rVB	871491	3824469	23.55%	4.453%
28	31.730	4888	4895	4896	rBV	371021	752100	4.63%	0.876%

Sum of corrected areas: 85889004

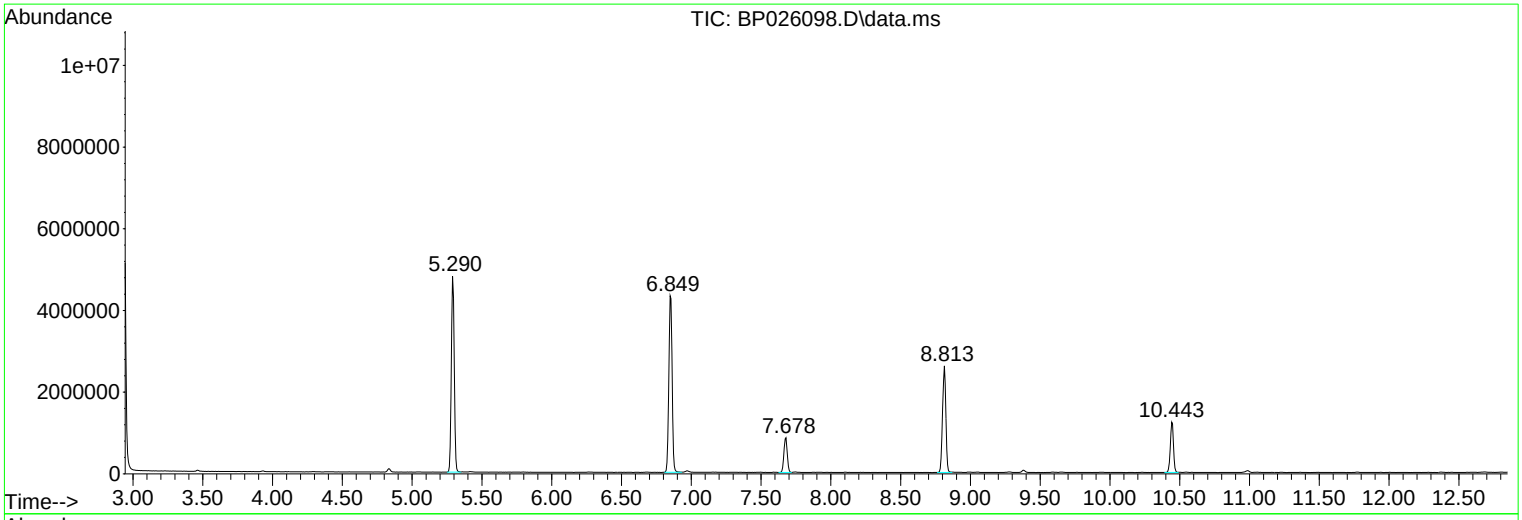
Sample Results: **BP026098.D**

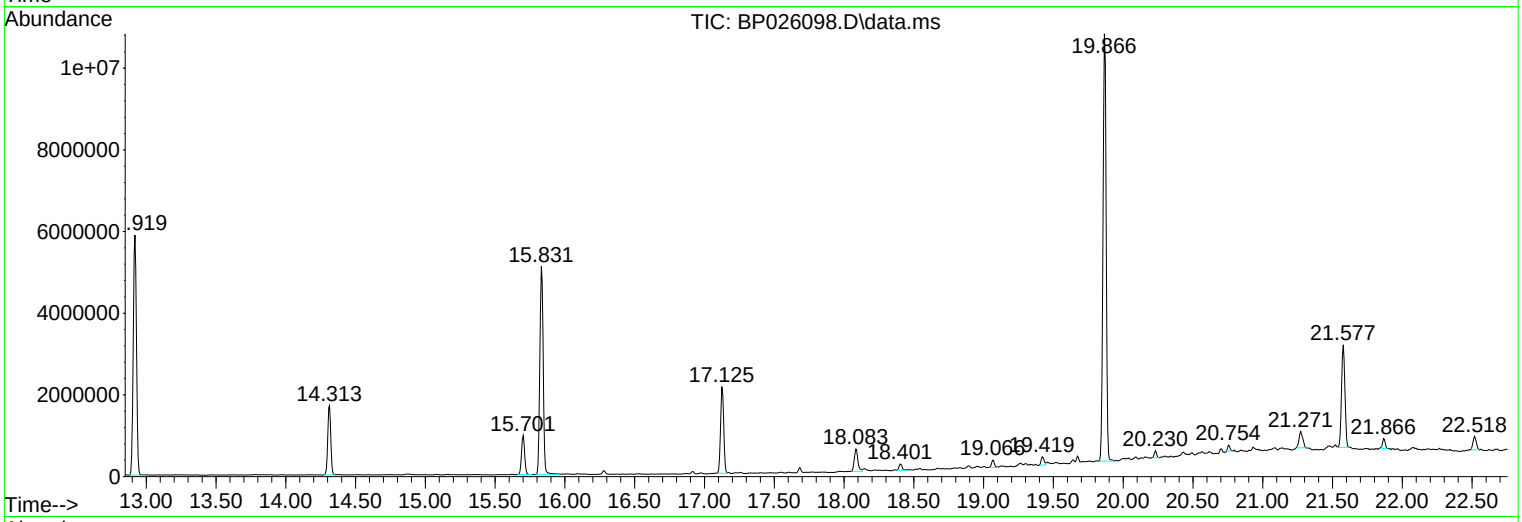
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

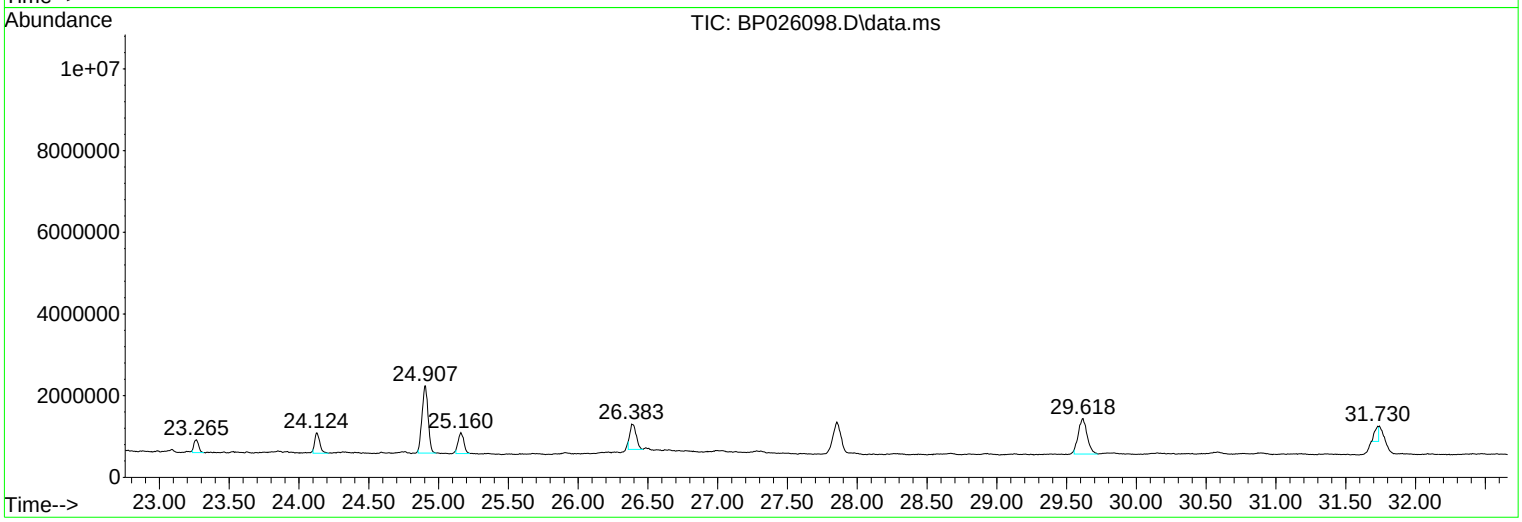
Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

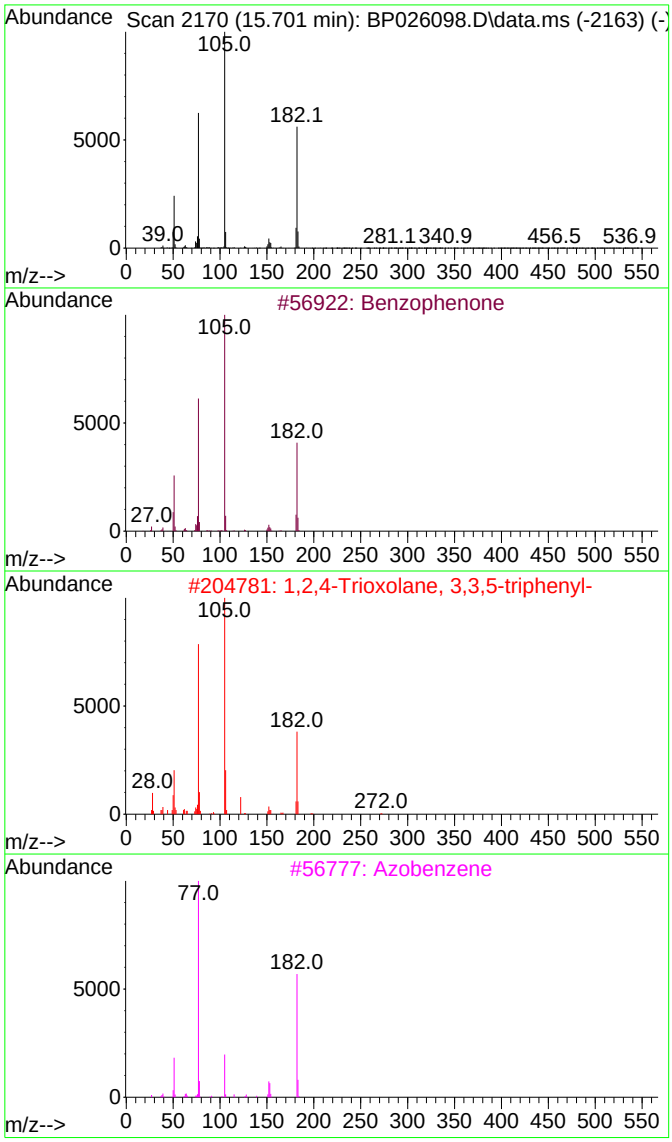
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

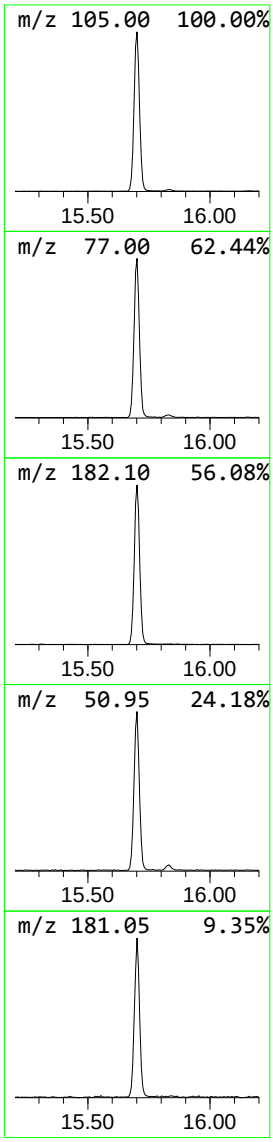
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	11.29 ng	1468180	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

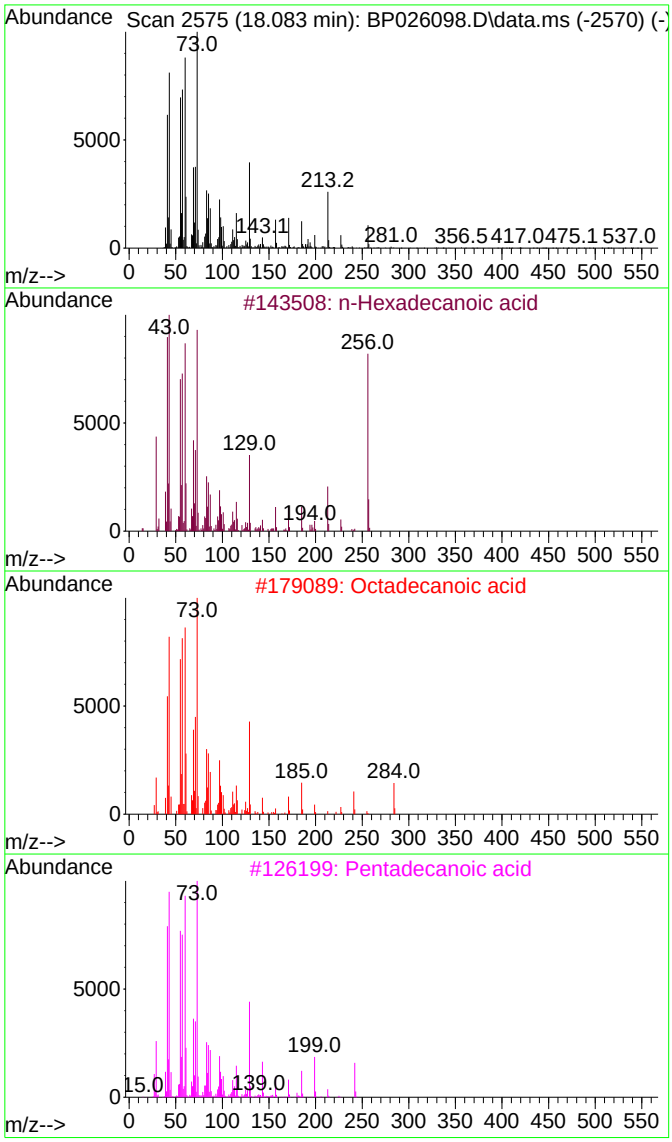
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

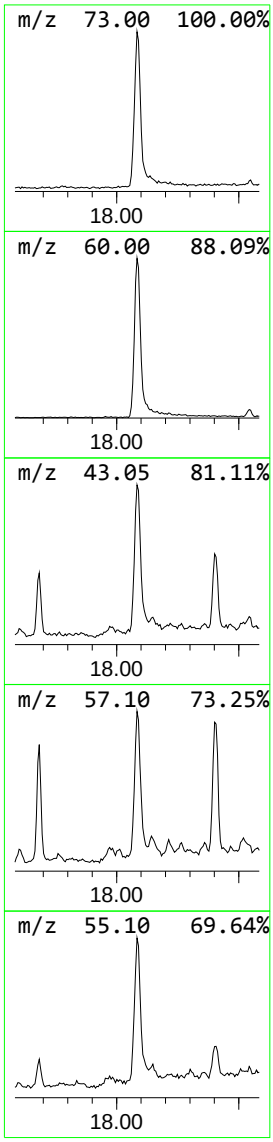
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	6.07 ng	990709	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

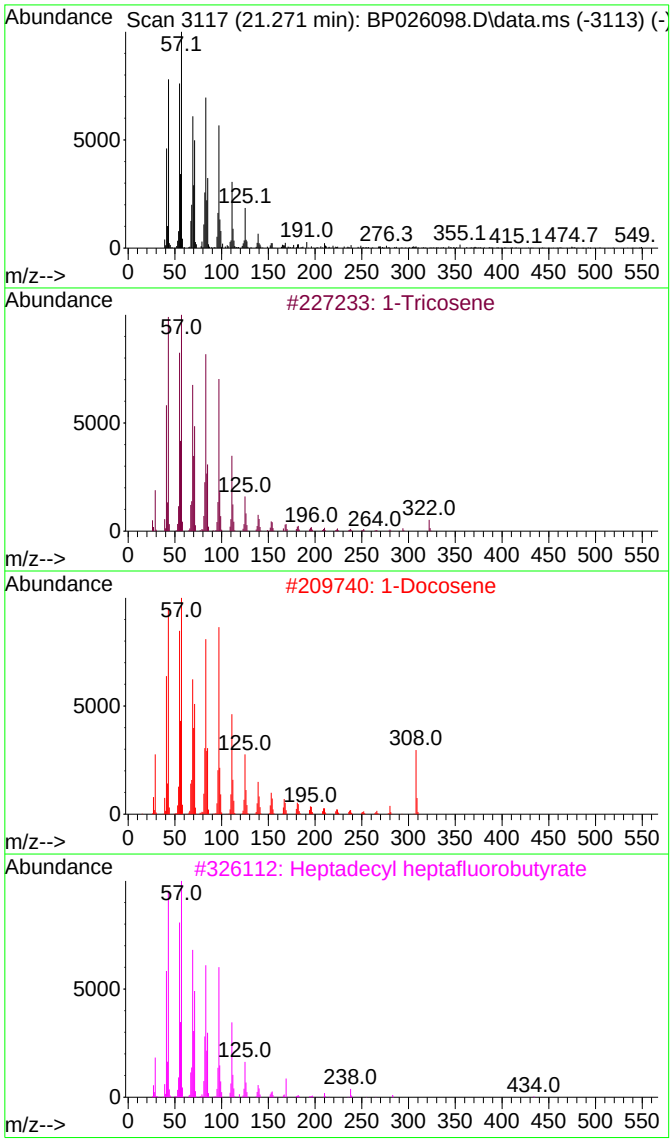
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

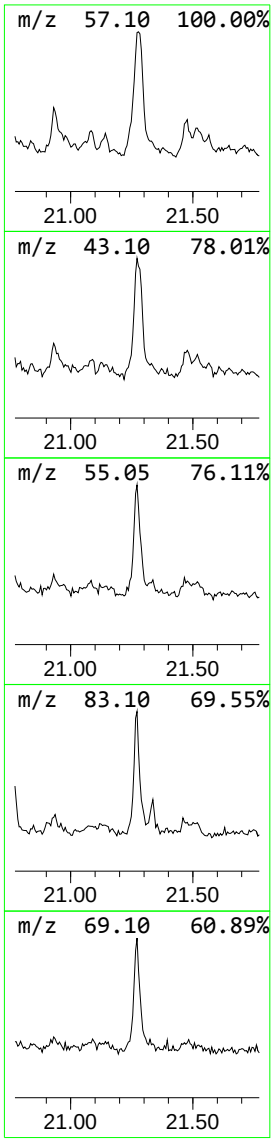
****

Peak Number 3 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.272	3.42 ng	726774	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Docosene	308	C22H44	001599-67-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

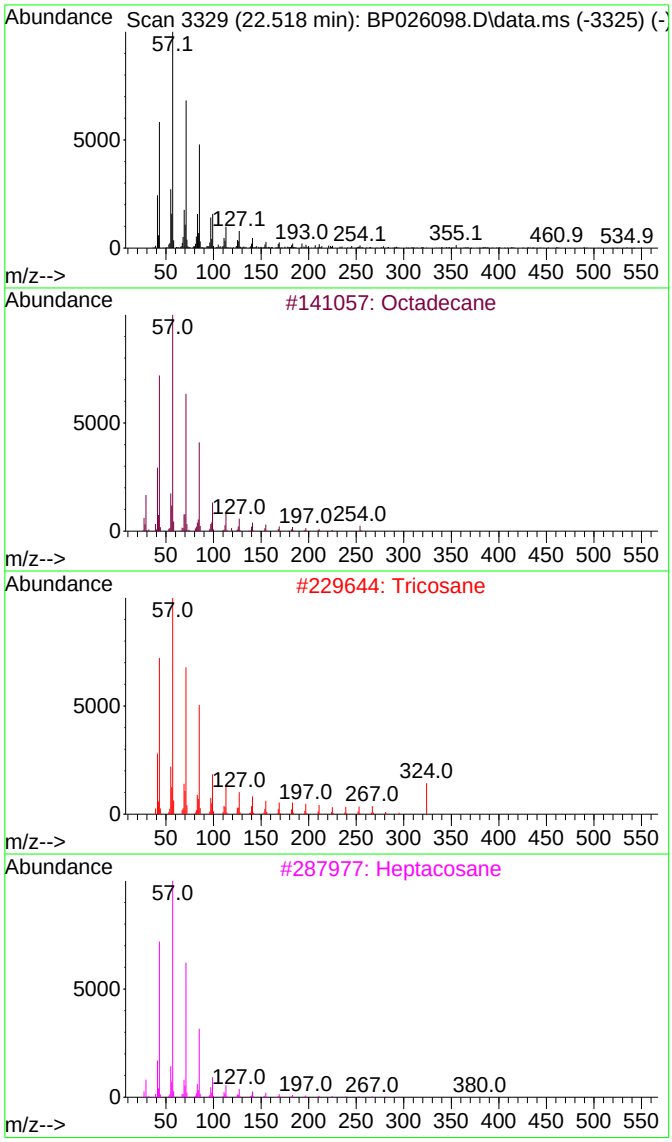
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

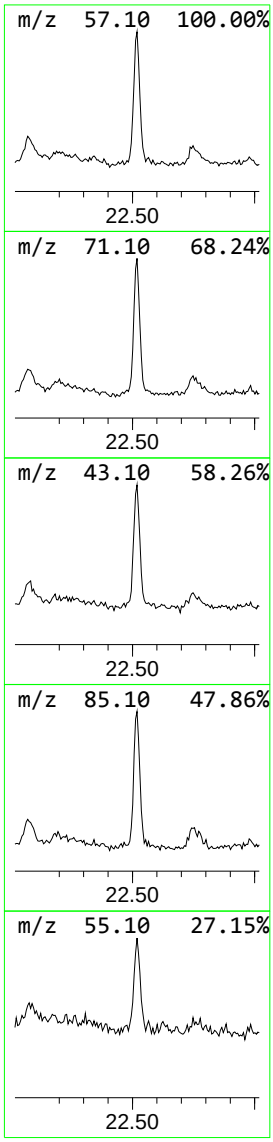
****

Peak Number 4 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.519	2.55 ng	541814	Chrysene-d12	21.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

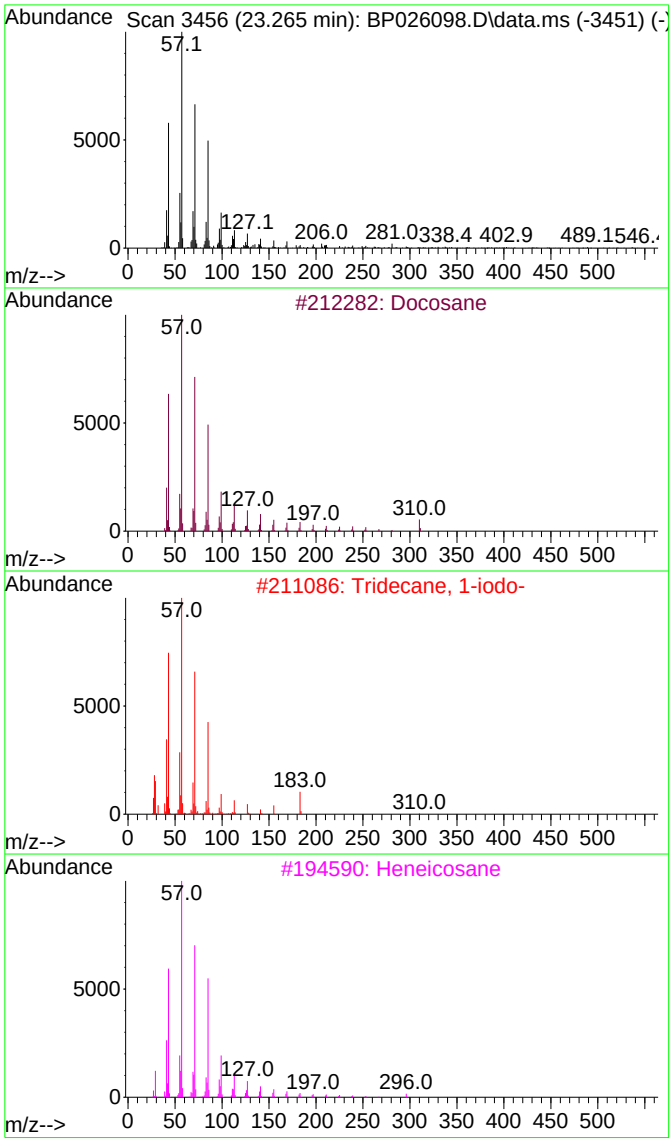
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

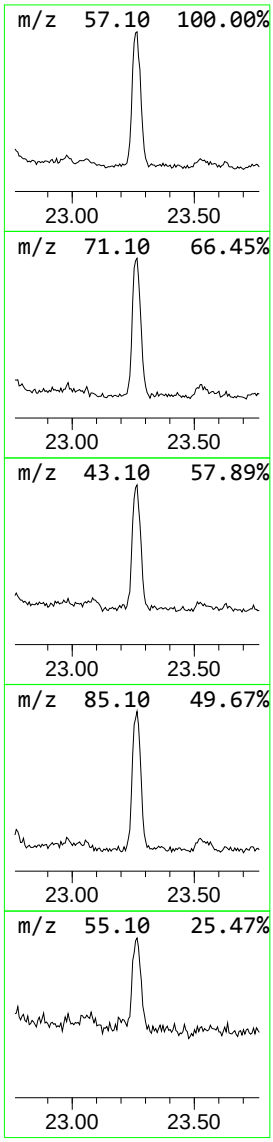
****

Peak Number 5 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.265	2.94 ng	734319	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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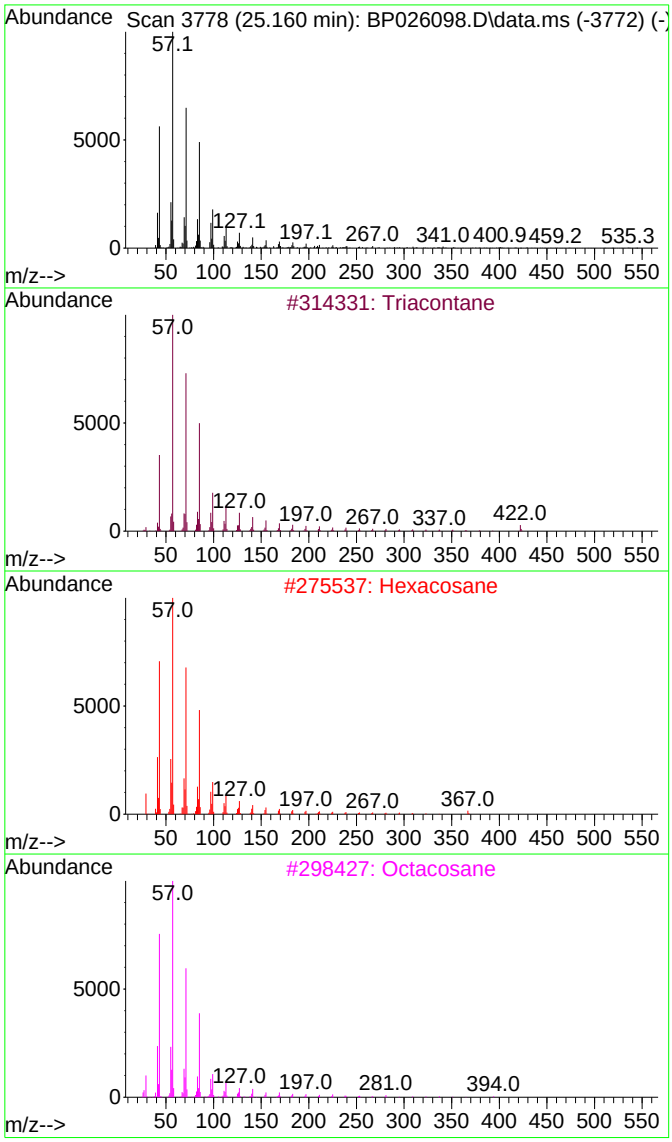
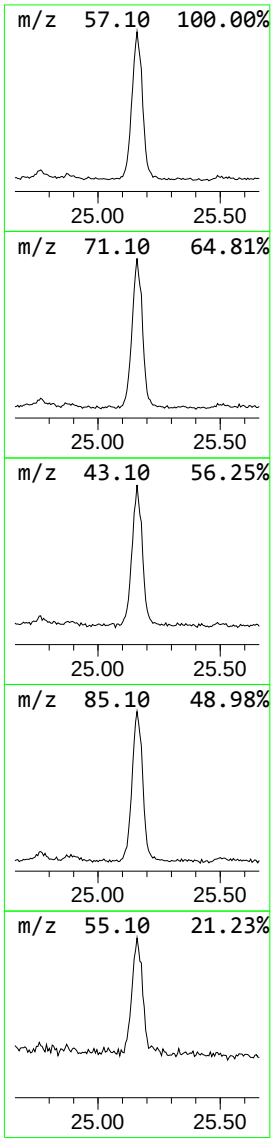
Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.160	5.71 ng	1424420	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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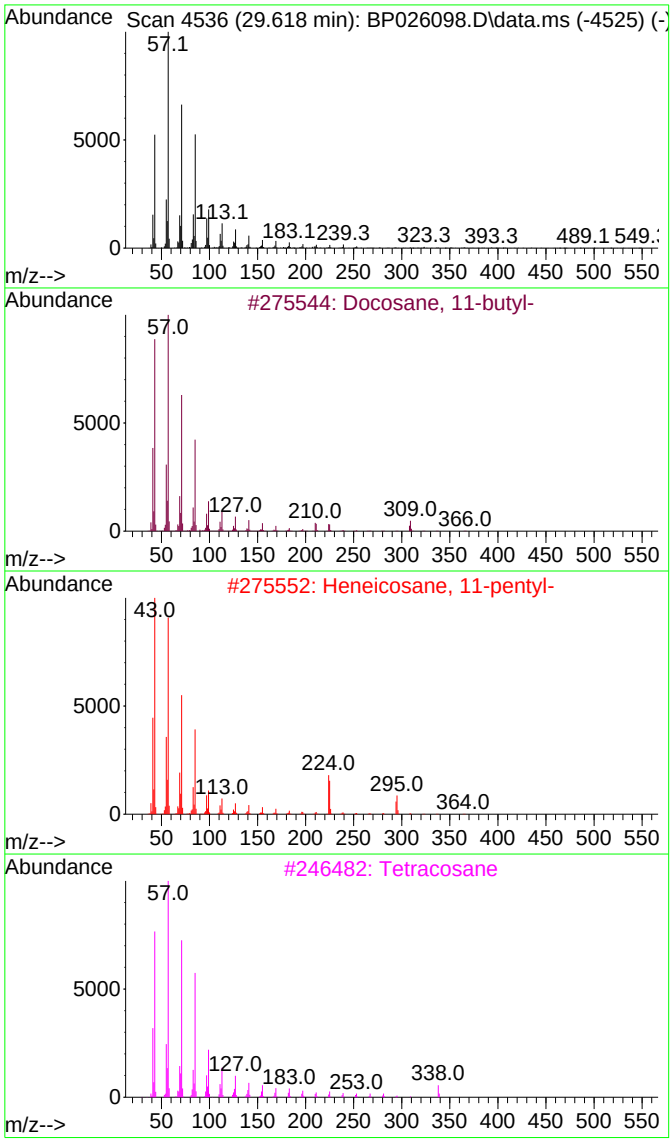
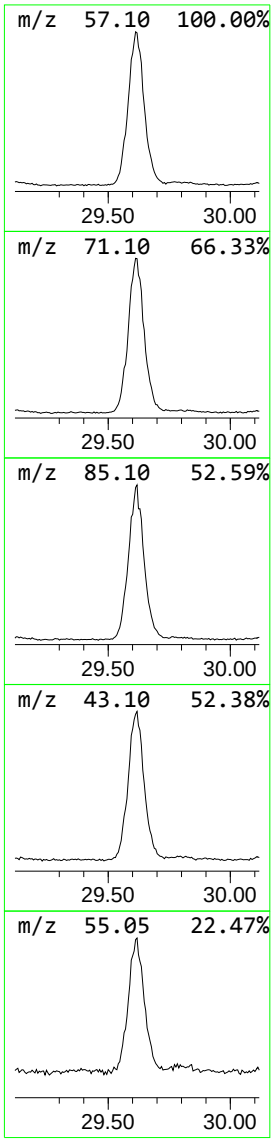
Peak Number 9 Docosane, 11-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.618	15.32 ng	3824470	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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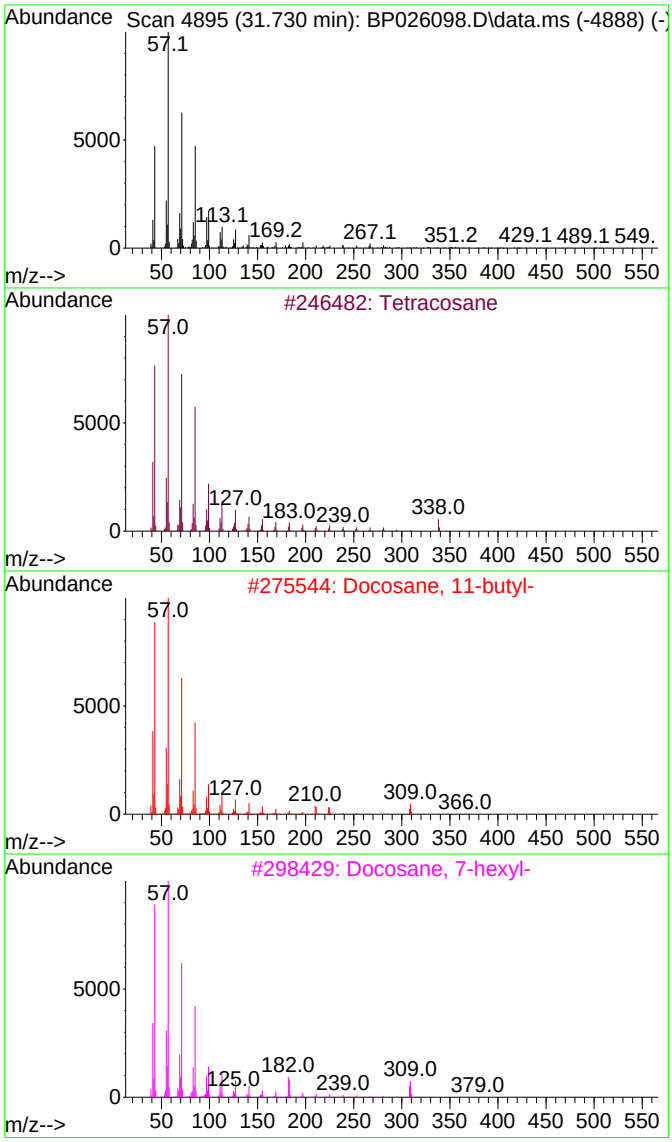
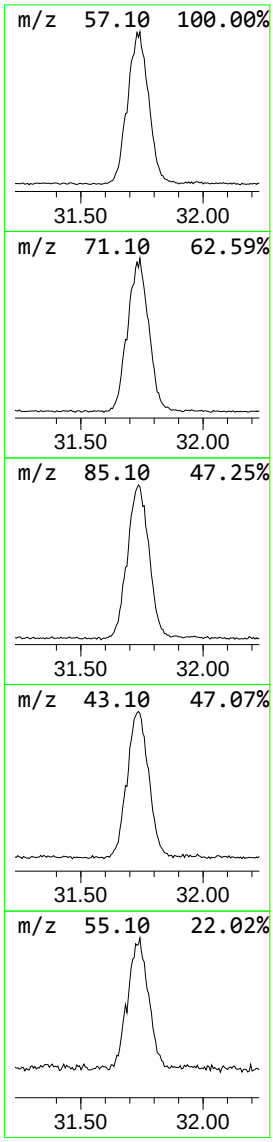
Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.730	3.01 ng	752100	Perylene-d12	24.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Benzophenone	15.701	11.3	ng	1468180	3	14.313	2601190	20.0
n-Hexadecanoic ...	18.083	6.1	ng	990709	4	17.125	3265520	20.0
1-Tricosene	21.272	3.4	ng	726774	5	21.577	4255300	20.0
Octadecane	22.519	2.5	ng	541814	5	21.577	4255300	20.0
Docosane	23.265	2.9	ng	734319	6	24.907	4991710	20.0
Triacontane	25.160	5.7	ng	1424420	6	24.907	4991710	20.0
Docosane, 11-bu...	29.618	15.3	ng	3824470	6	24.907	4991710	20.0
Tetracosane	31.730	3.0	ng	752100	6	24.907	4991710	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

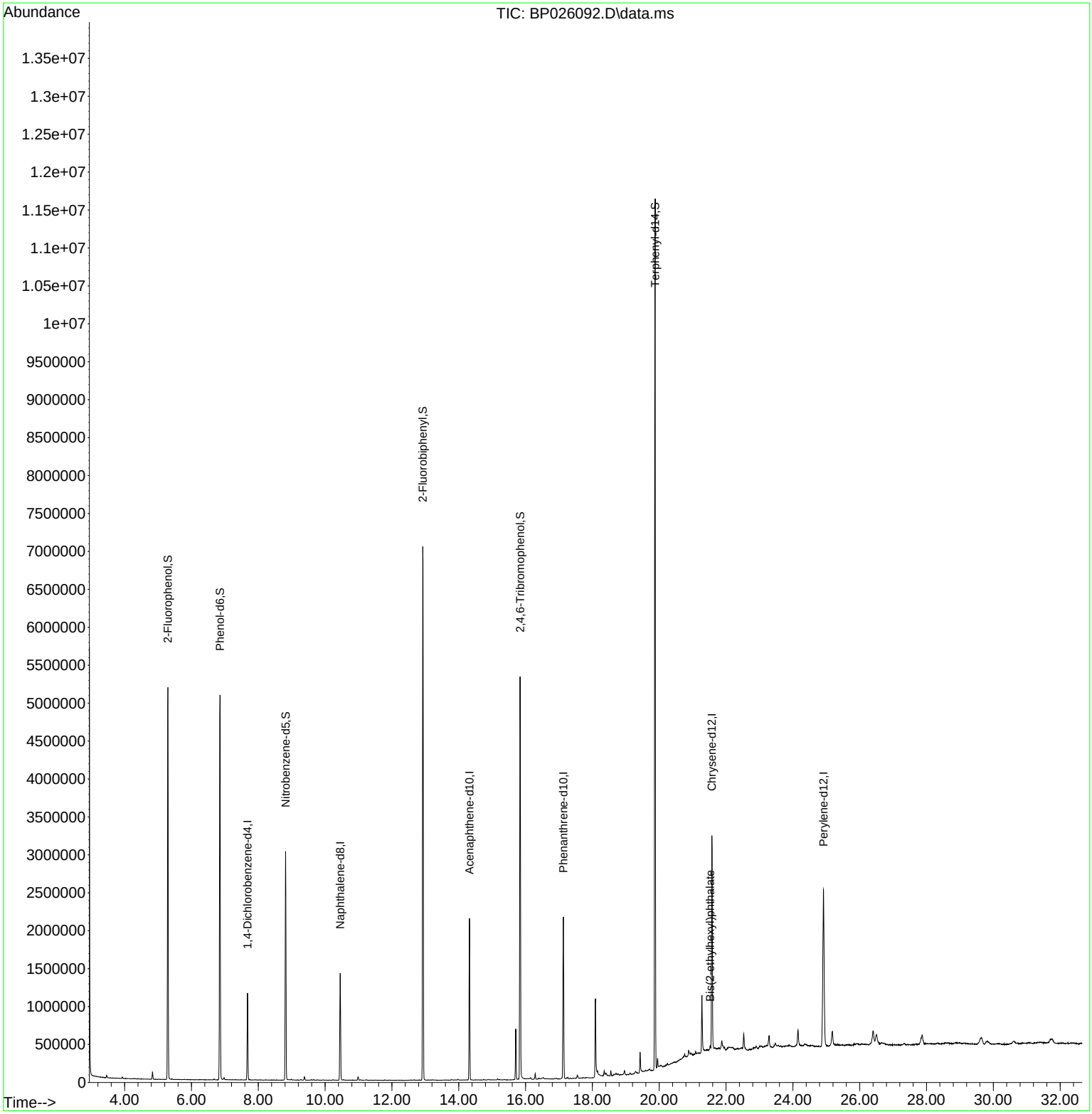
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318405	20.000	ng	-0.01
21) Naphthalene-d8	10.455	136	1214569	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	729423	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1507921	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1773559	20.000	ng	0.01
86) Perylene-d12	24.918	264	2177402	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2310855	119.757	ng	0.00
7) Phenol-d6	6.855	99	2883548	117.407	ng	0.00
23) Nitrobenzene-d5	8.819	82	1631319	83.730	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1155024	146.469	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3817179	75.196	ng	0.00
79) Terphenyl-d14	19.878	244	6447175	73.855	ng	0.01
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	34867	3.059	ng	# 99

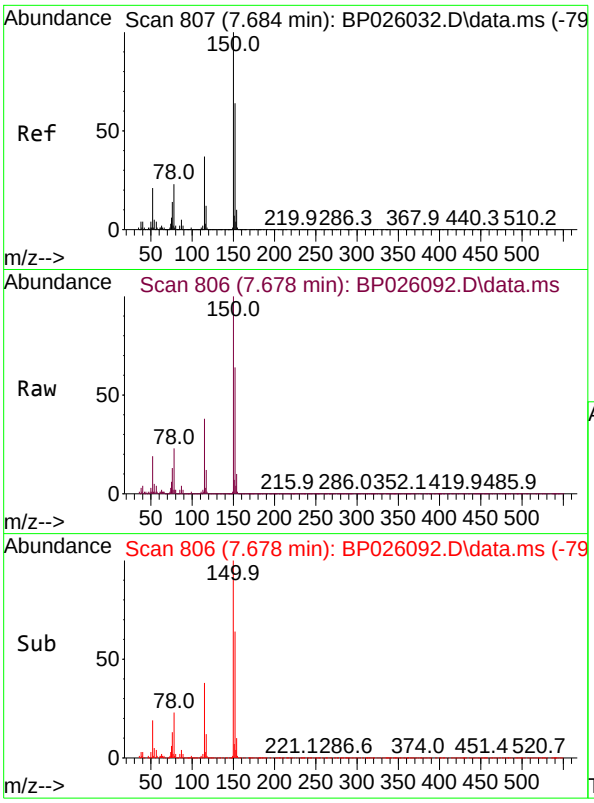
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Time: Nov 11 16:33:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



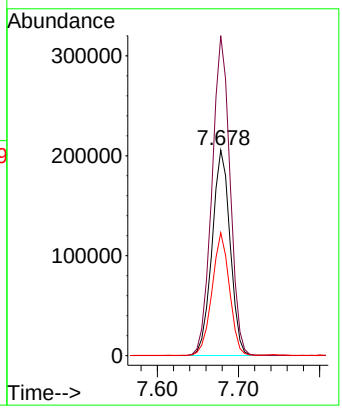


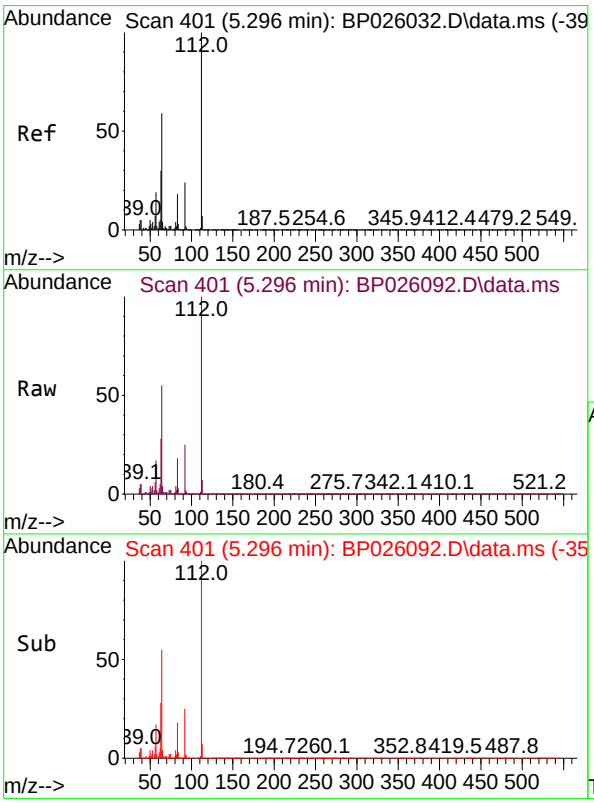
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:152 Resp: 318405

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.7	188.5
115	59.8	46.4	69.6

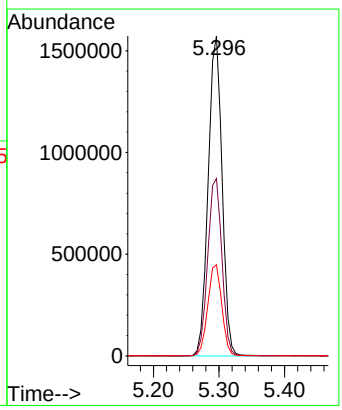


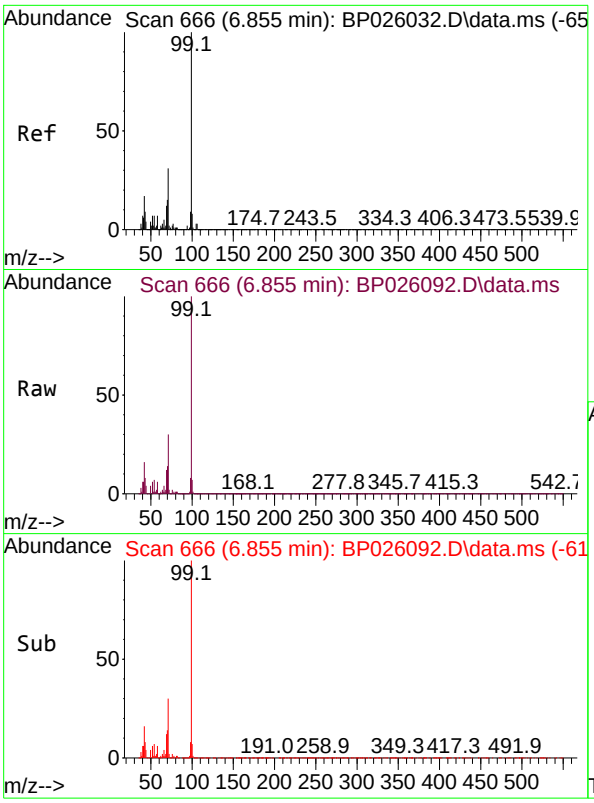


#5
2-Fluorophenol
Concen: 119.757 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:112 Resp: 2310855

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.4	71.2
63	28.5	24.2	36.4



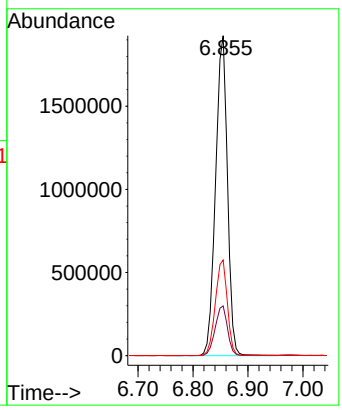


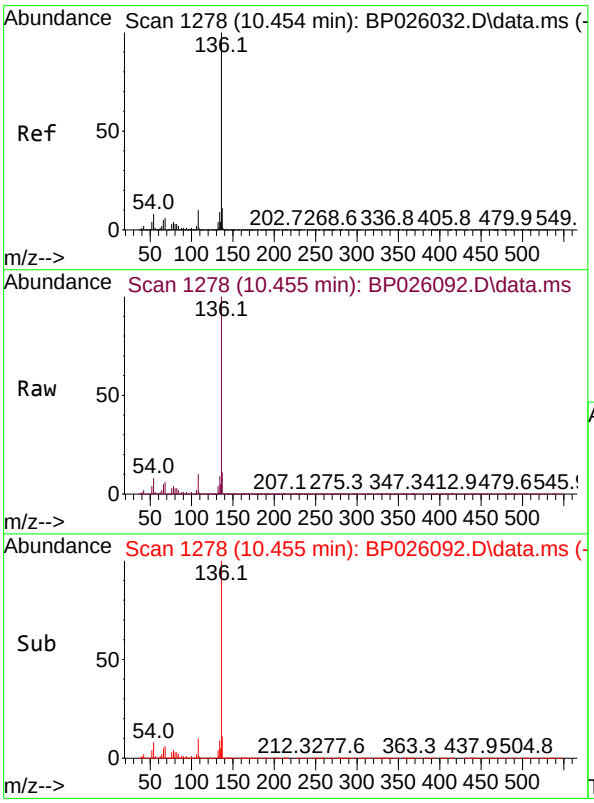
#7
Phenol-d6
Concen: 117.407 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion: 99 Resp: 2883548

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.7	20.5
71	29.9	24.4	36.6

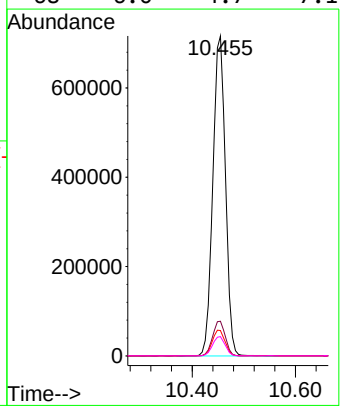


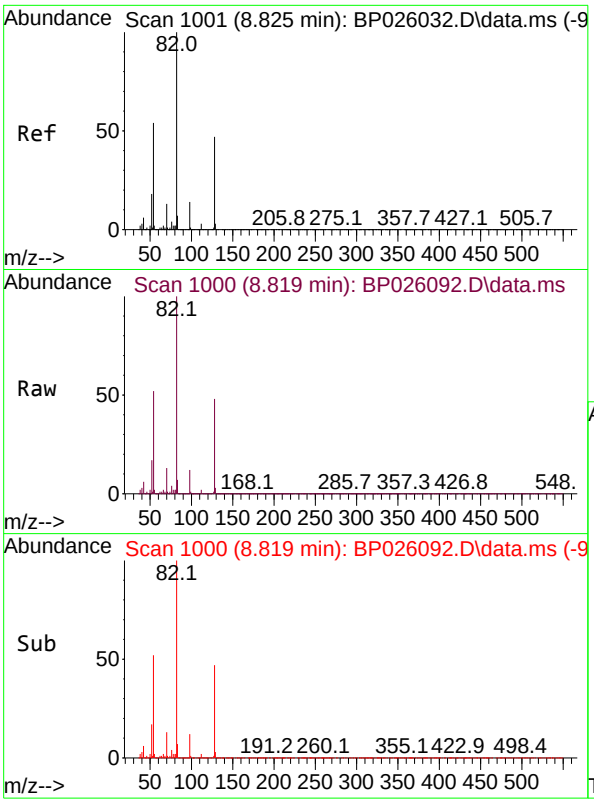


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:136 Resp: 1214569

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	6.6	10.0
68	6.0	4.7	7.1



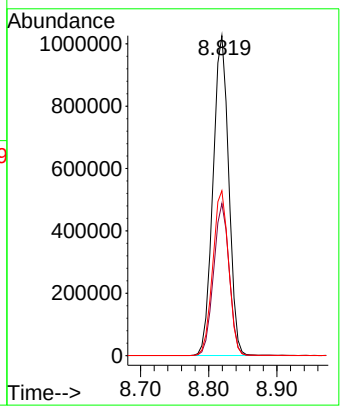


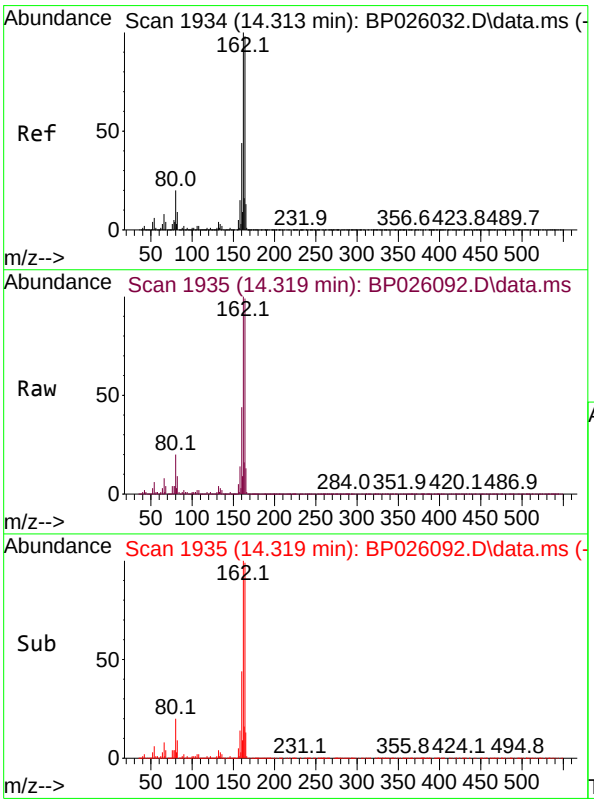
#23
Nitrobenzene-d5
Concen: 83.730 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion: 82 Resp: 1631319

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.5	42.7	64.1

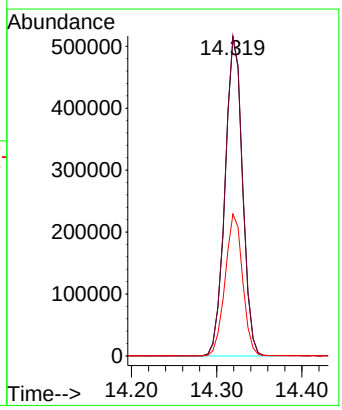


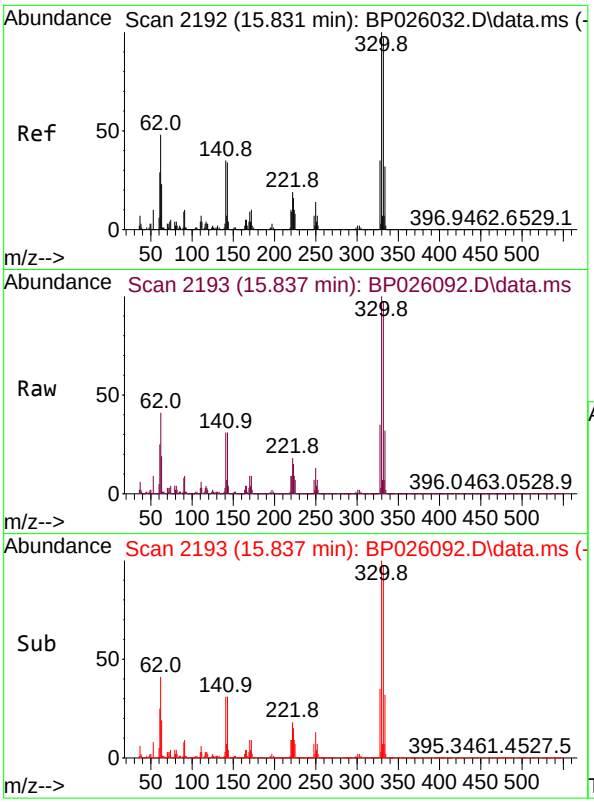


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:164 Resp: 729423

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.6	36.2	54.4



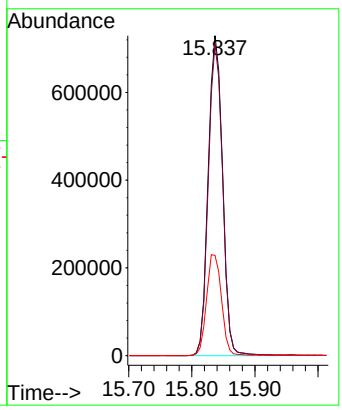


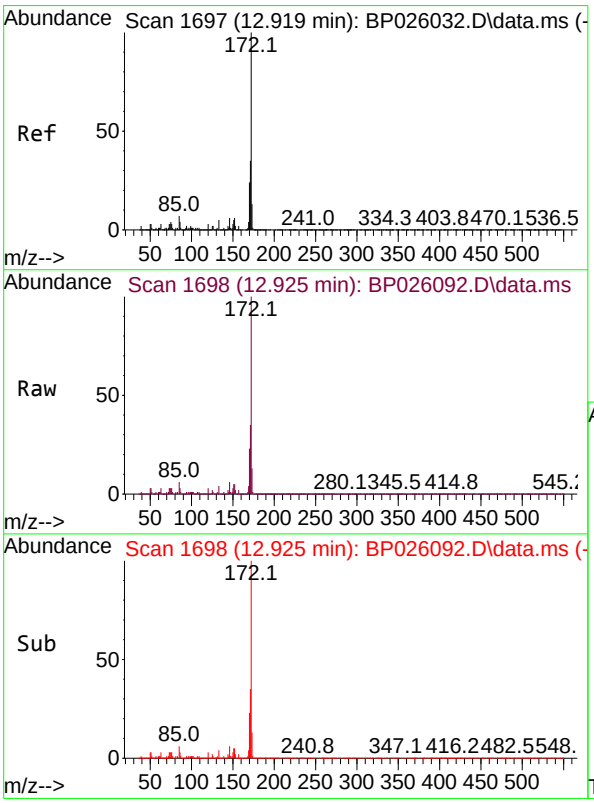
#42
2,4,6-Tribromophenol
Concen: 146.469 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:330 Resp: 1155024

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.8	28.6	42.8

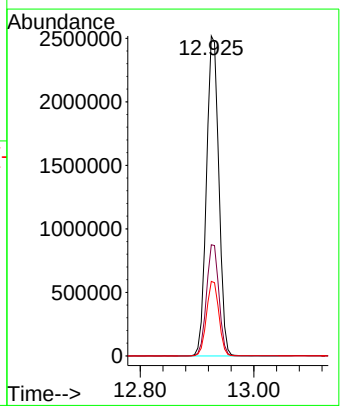


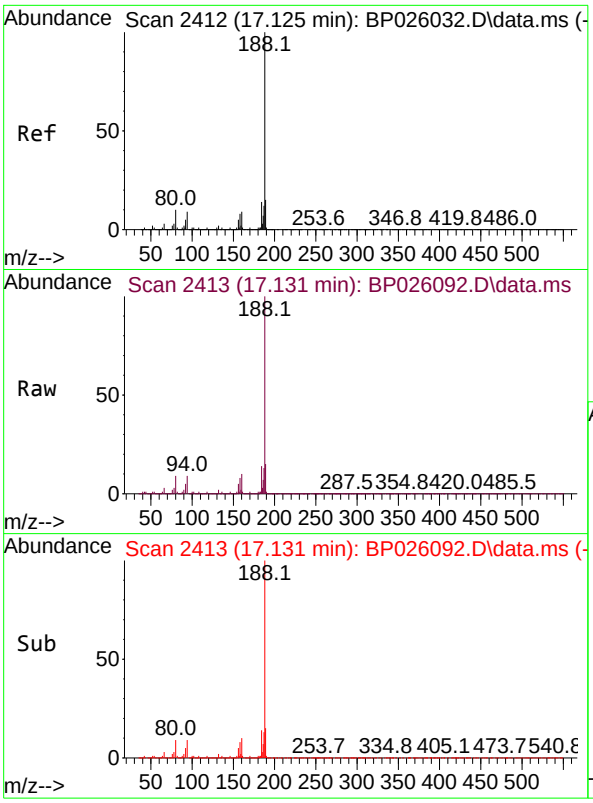


#45
2-Fluorobiphenyl
Concen: 75.196 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:172 Resp: 3817179

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.3	19.0	28.4



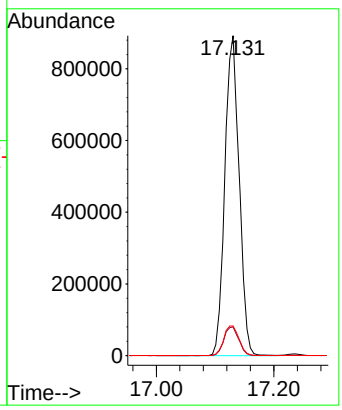


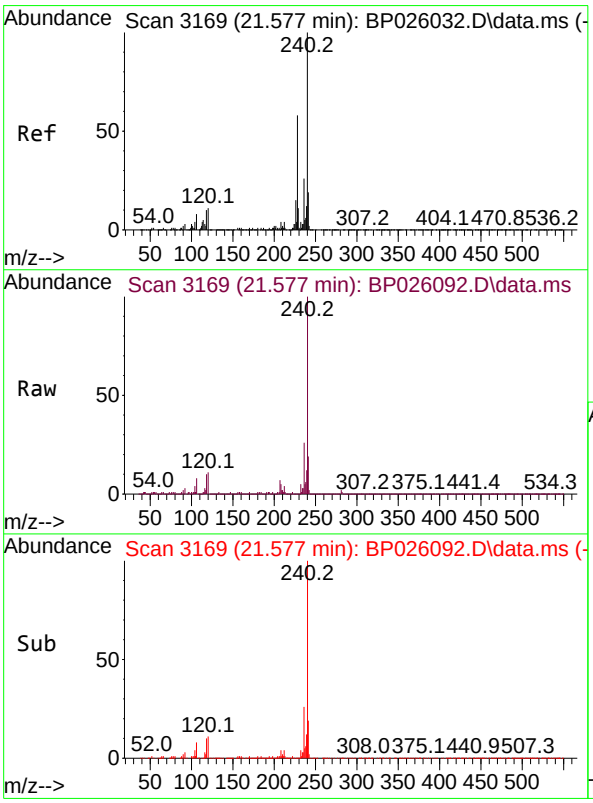
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:188 Resp: 1507921

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.3	7.9	11.9

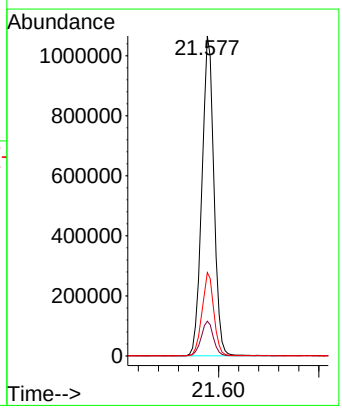


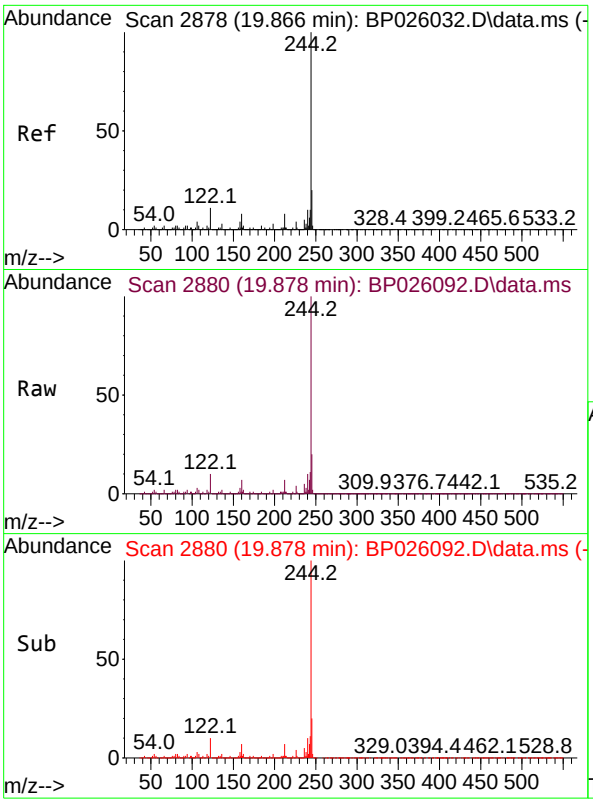


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:240 Resp: 1773559

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.6	31.0



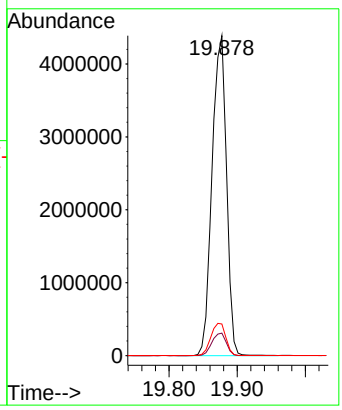


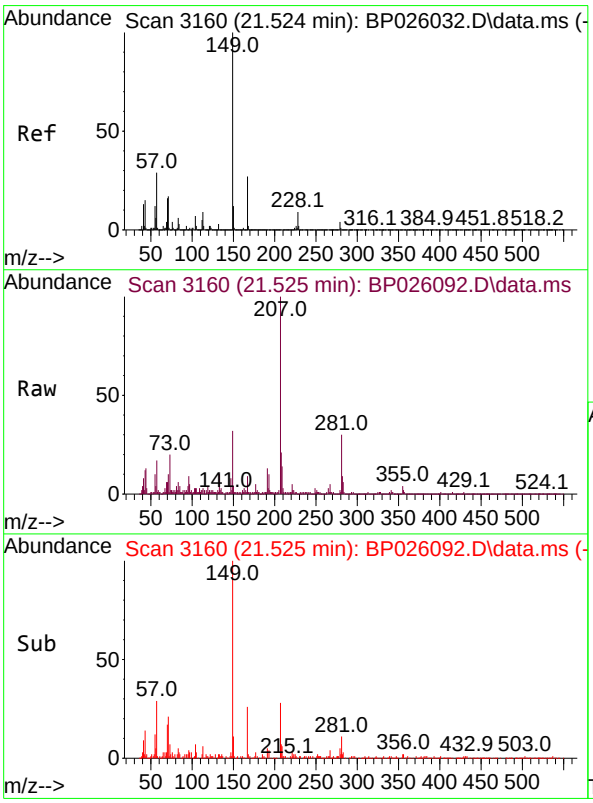
#79
Terphenyl-d14
Concen: 73.855 ng
RT: 19.878 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:244 Resp: 6447175

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.9	9.0	13.6

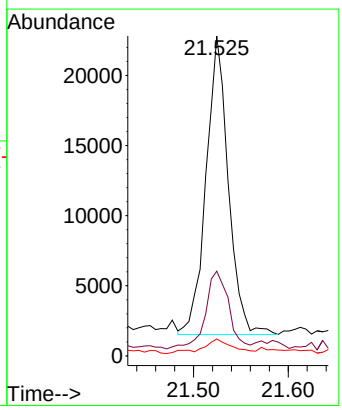


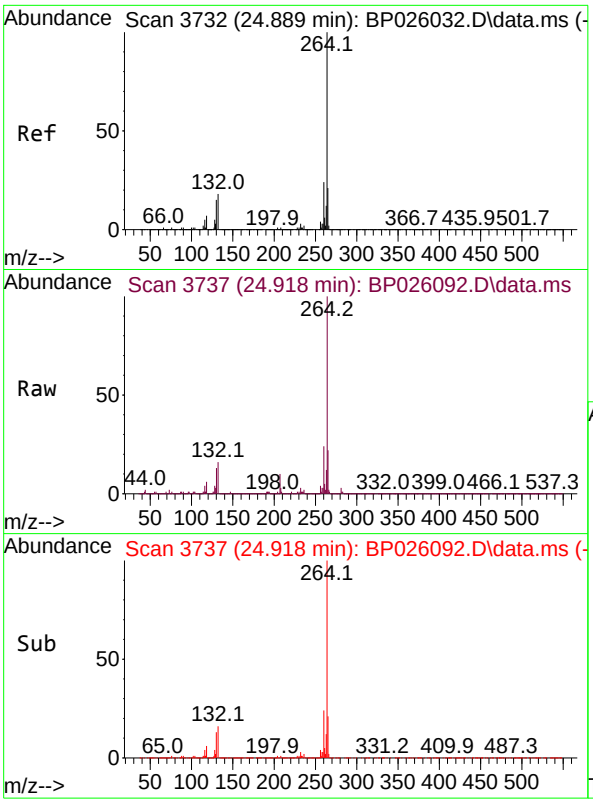


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.059 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Tgt Ion:149 Resp: 34867

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.5	32.3
279	5.3	3.0	4.6#



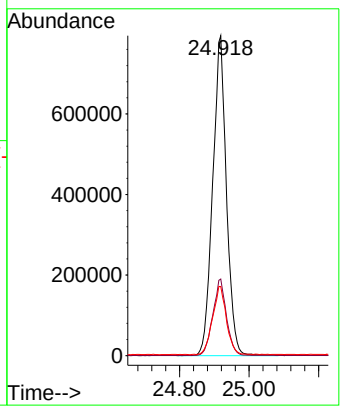


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.036 min
Lab File: BP026092.D
Acq: 11 Nov 2025 16:11

Instrument :
BNA_P
ClientSampleId :
SED-3

Tgt Ion:264 Resp: 2177402

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	415	rVB	5166648	7661635	44.94%	9.263%
2	6.855	656	666	678	rBV	5073753	7795845	45.72%	9.425%
3	7.678	799	806	814	rVB	1145545	1766955	10.36%	2.136%
4	8.819	992	1000	1012	rBV	3014196	4847308	28.43%	5.860%
5	10.455	1268	1278	1291	rBV	1413747	2416630	14.17%	2.922%
6	12.925	1691	1698	1711	rBV	7033784	10678637	62.63%	12.911%
7	14.319	1928	1935	1942	rBV	2131394	3048034	17.88%	3.685%
8	15.707	2165	2171	2180	rBV	668176	973975	5.71%	1.178%
9	15.837	2186	2193	2213	rBV	5304291	8632999	50.63%	10.437%
10	17.131	2406	2413	2421	rVB	2128467	3631314	21.30%	4.390%
11	18.089	2570	2576	2585	rBV	1033888	1779540	10.44%	2.151%
12	19.425	2799	2803	2814	rBV	266578	477858	2.80%	0.578%
13	19.878	2873	2880	2887	rBV	11482543	17050362	100.00%	20.614%
14	19.948	2889	2892	2900	rVV	116477	191616	1.12%	0.232%
15	21.278	3113	3118	3128	rBV	752373	1237108	7.26%	1.496%
16	21.577	3163	3169	3178	rVB2	2806666	4656996	27.31%	5.630%
17	22.530	3327	3331	3337	rVB	189553	319865	1.88%	0.387%
18	24.913	3727	3736	3749	rVB	2042236	5546039	32.53%	6.705%

Sum of corrected areas: 82712716

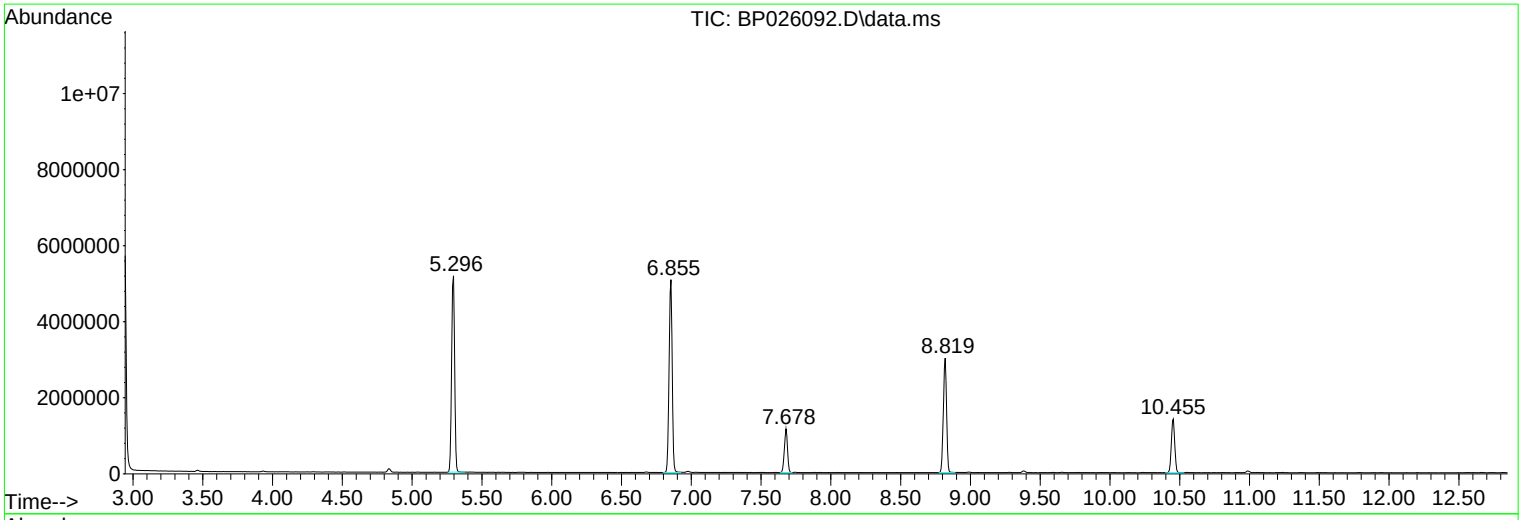
Sample Results: **BP026092.D**

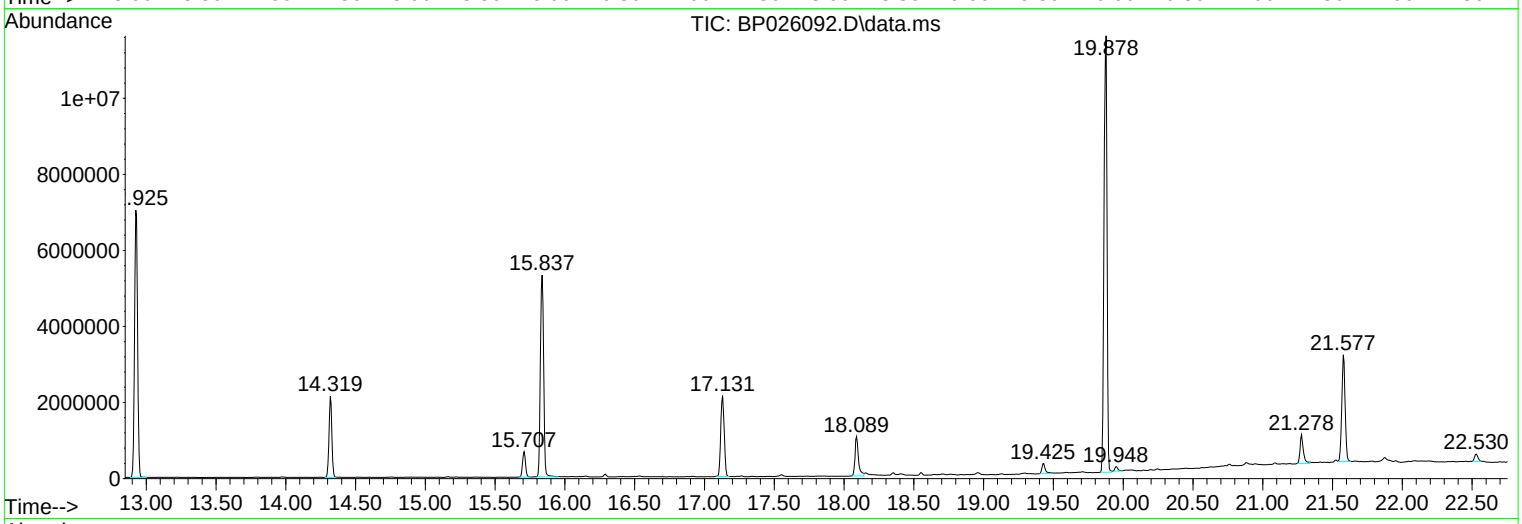
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

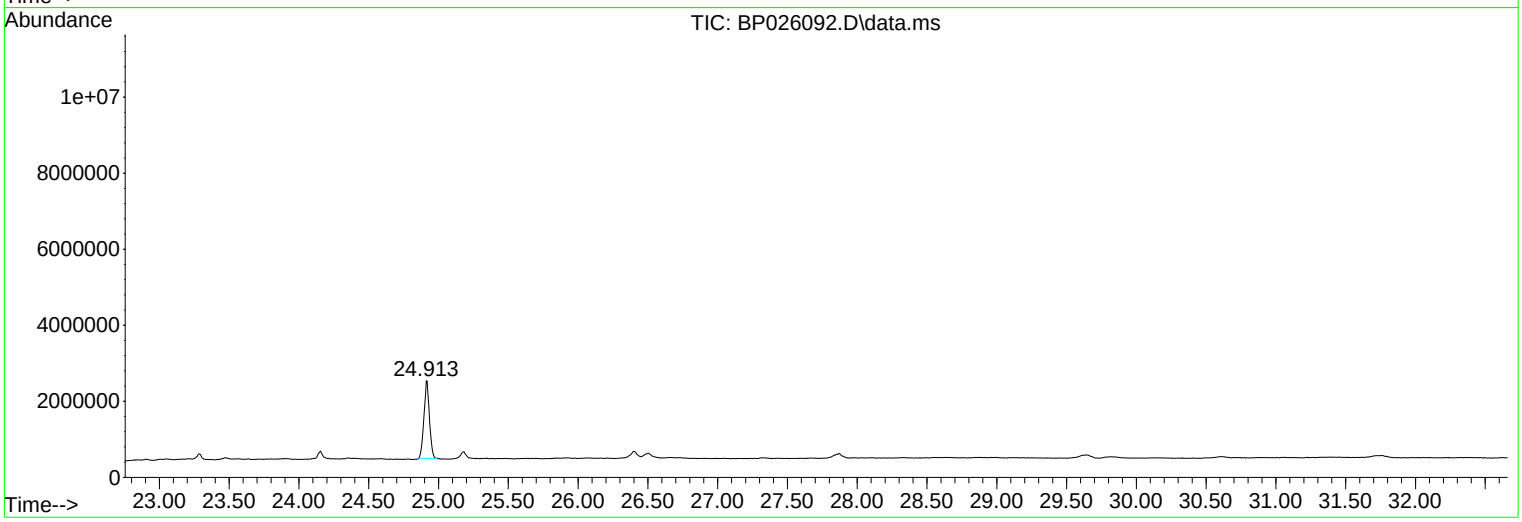
Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

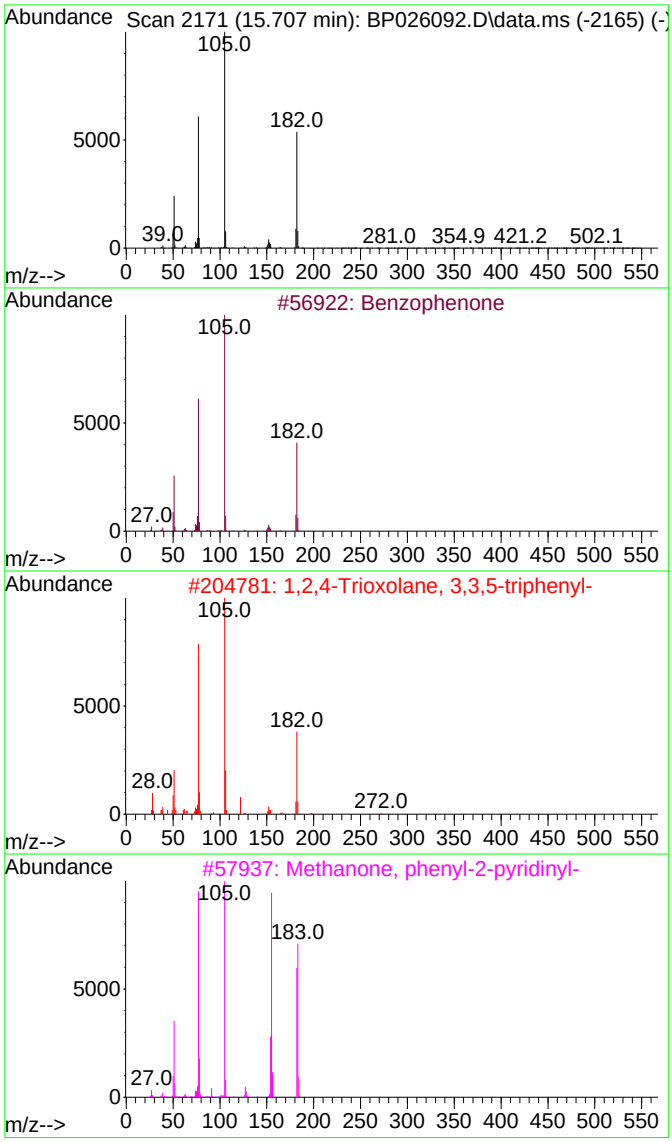
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

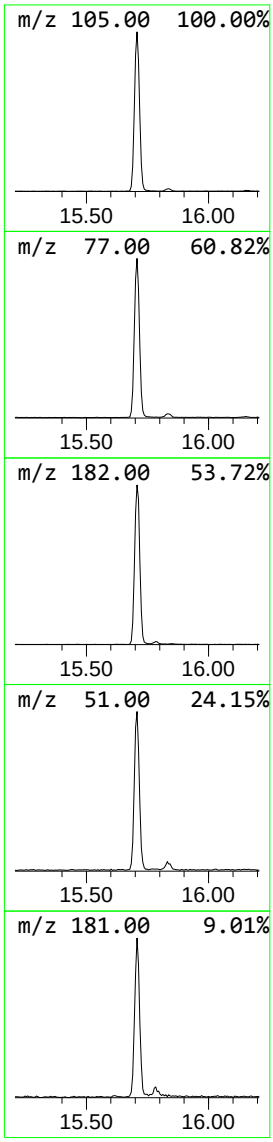
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	6.39 ng	973975	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4	Azobenzene	182	C12H10N2	000103-33-3	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

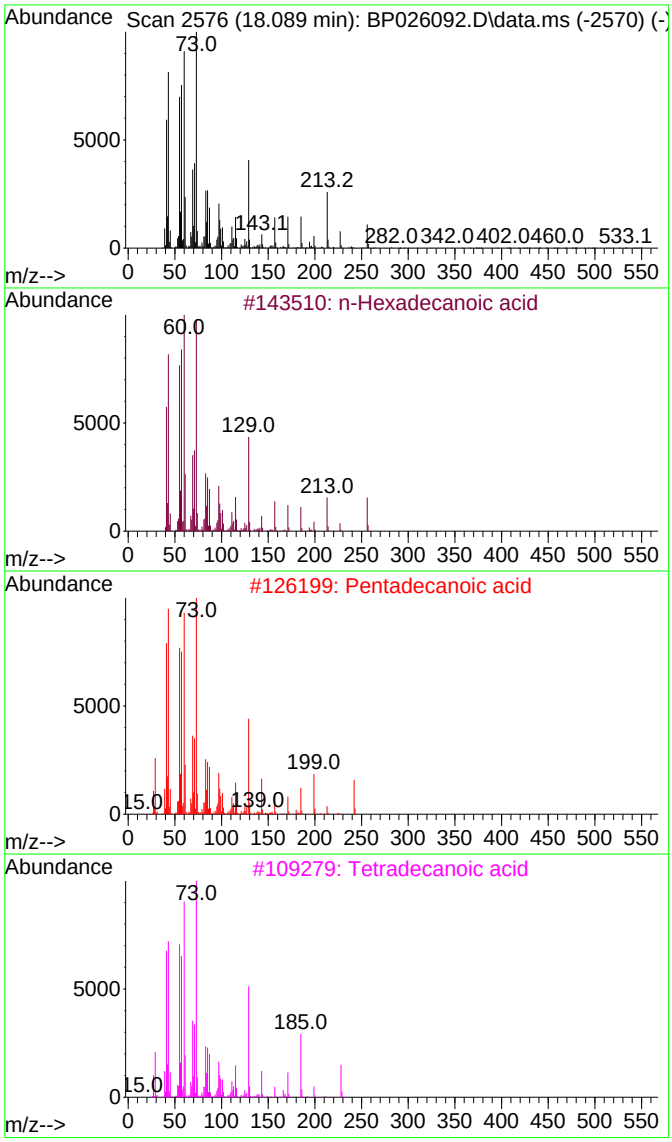
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

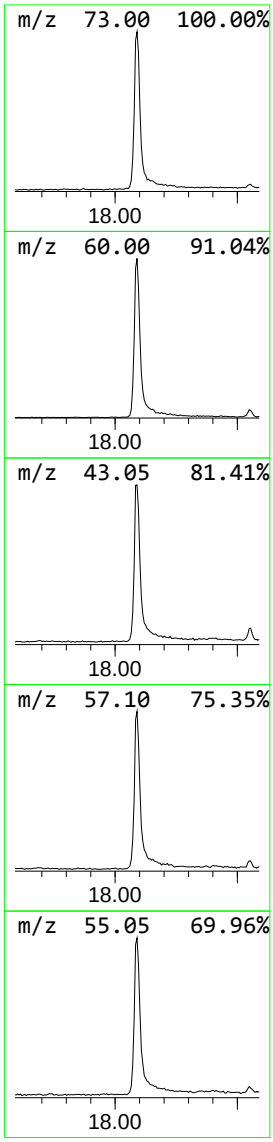
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	9.80 ng	1779540	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

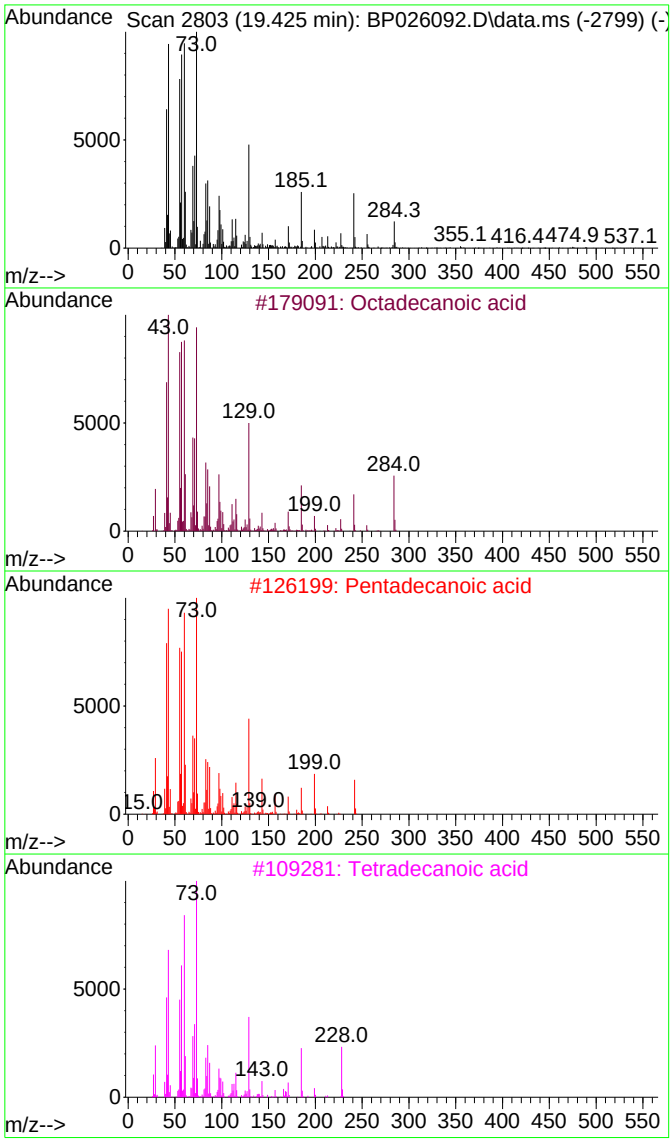
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

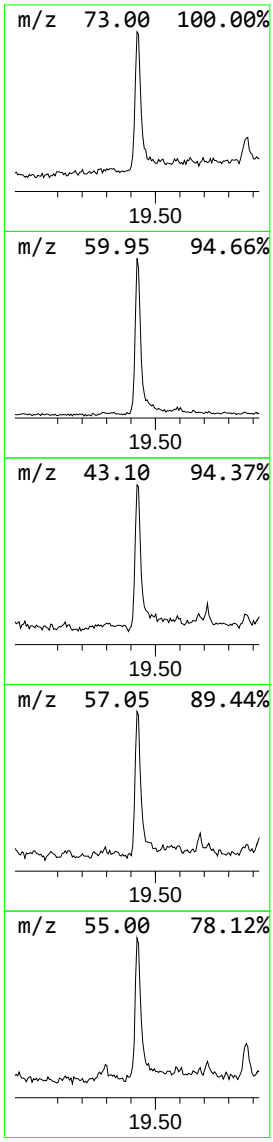
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.425	2.05 ng	477858	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

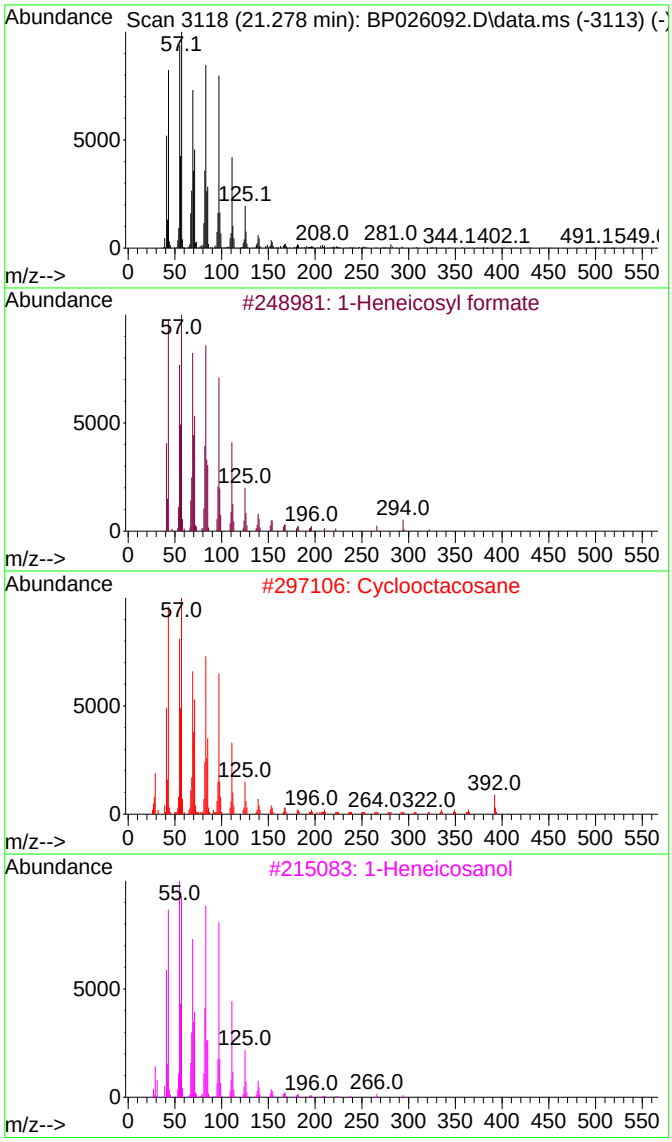
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

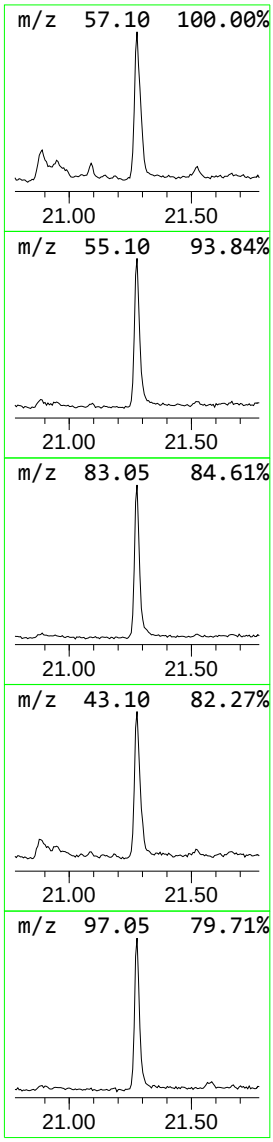
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	5.31 ng	1237110	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclooctacosane	392	C28H56	000297-24-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Sample Results: **BP026092.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026092.D
Acq On : 11 Nov 2025 16:11
Operator : RC/JU
Sample : Q3586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Benzophenone	15.707	6.4	ng	973975	3	14.319	3048030	20.0
n-Hexadecanoic ...	18.089	9.8	ng	1779540	4	17.131	3631310	20.0
Octadecanoic acid	19.425	2.0	ng	477858	5	21.578	4657000	20.0
1-Heneicosyl fo...	21.278	5.3	ng	1237110	5	21.578	4657000	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

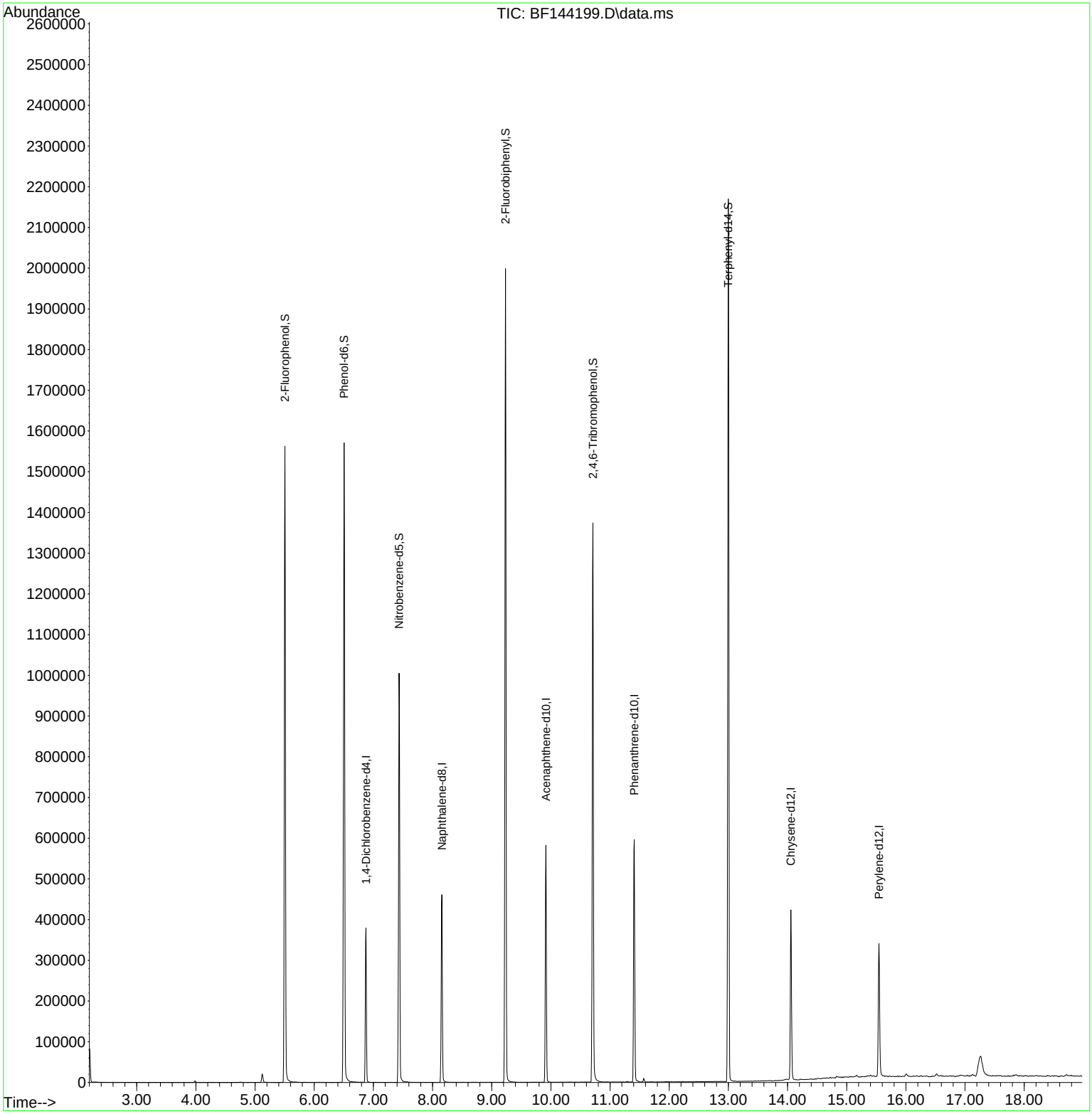
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80148	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308933	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180668	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225293	20.000	ng	0.00
86) Perylene-d12	15.545	264	226985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588374	114.879	ng	0.01
7) Phenol-d6	6.504	99	684658	117.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	443974	83.001	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284869	125.649	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	975916	79.780	ng	0.00
79) Terphenyl-d14	12.998	244	1198876	84.526	ng	0.00
Target Compounds						Qvalue

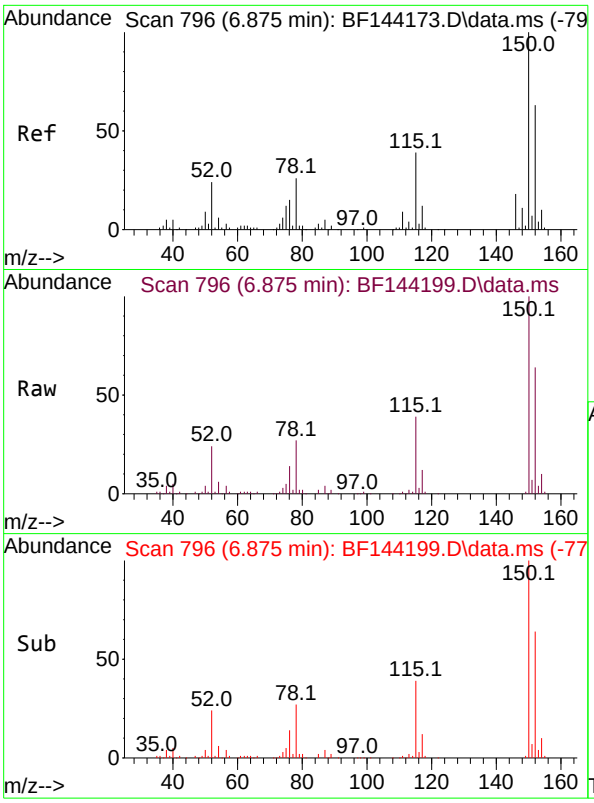
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



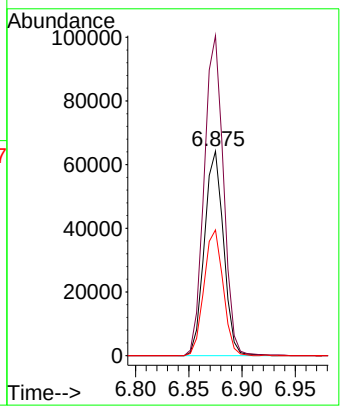


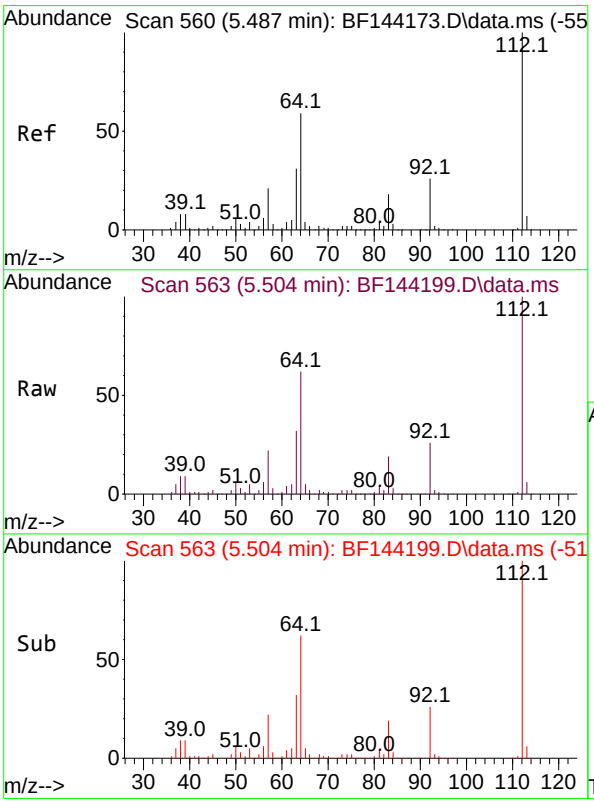
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:152 Resp: 80148

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	61.5	49.5	74.3

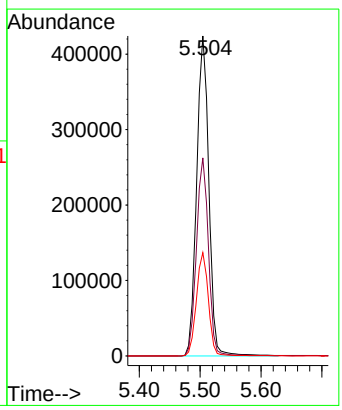


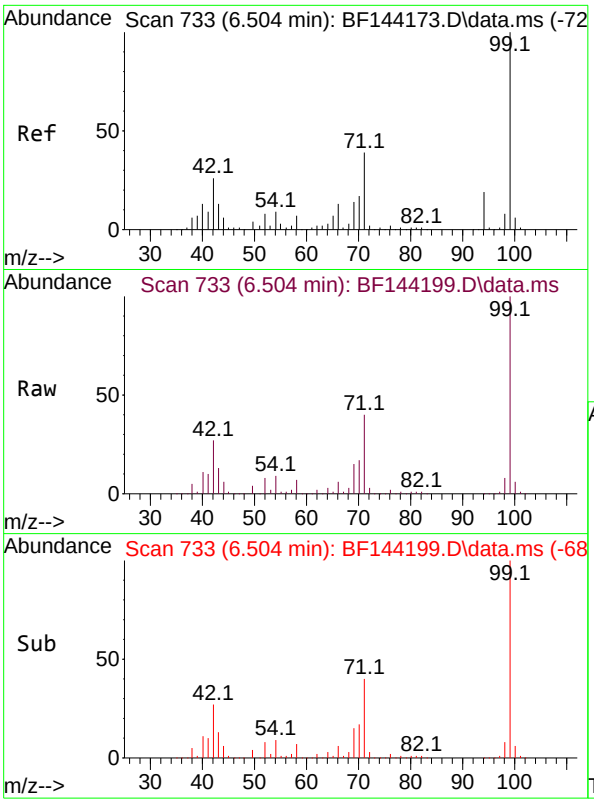


#5
2-Fluorophenol
Concen: 114.879 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:112 Resp: 588374

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.2	70.8
63	32.3	24.4	36.6



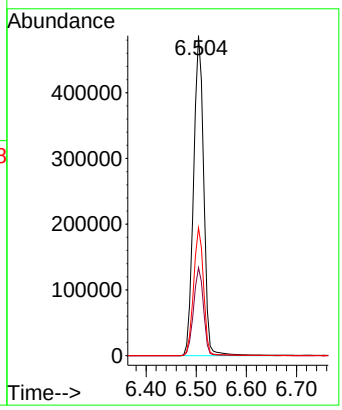


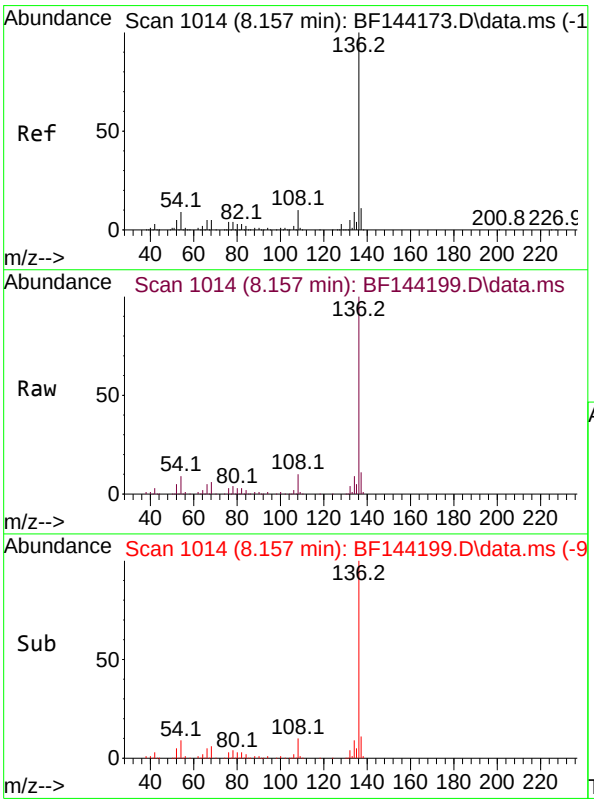
#7
Phenol-d6
Concen: 117.978 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion: 99 Resp: 684658

Ion	Ratio	Lower	Upper
99	100		
42	27.5	20.9	31.3
71	39.9	31.4	47.2

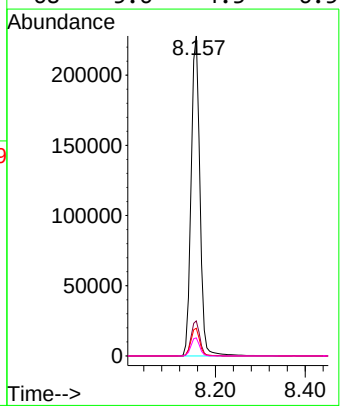


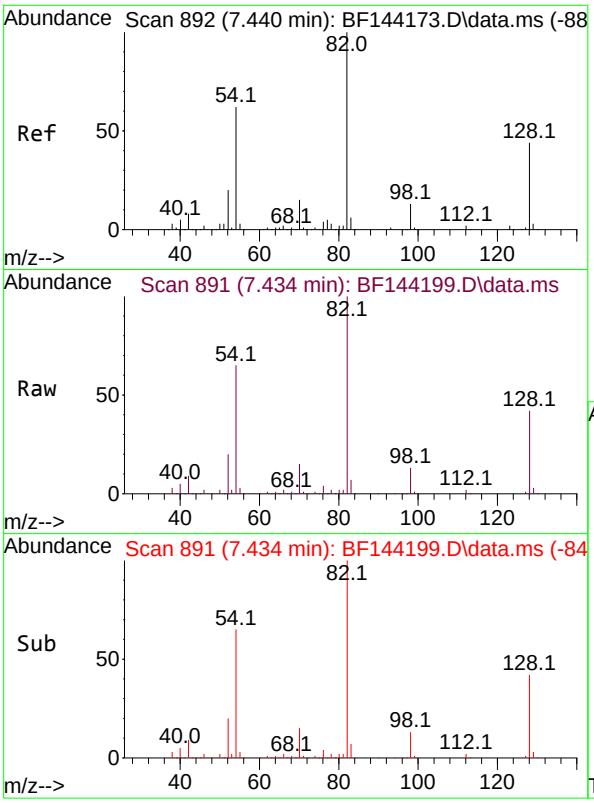


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:136 Resp: 308933

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	7.0	10.6
68	5.6	4.3	6.5



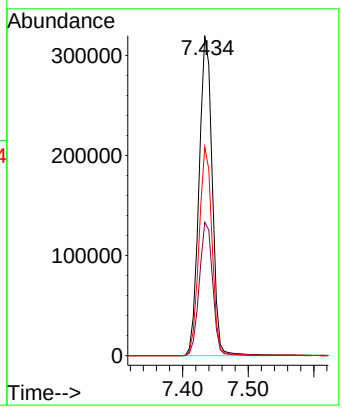


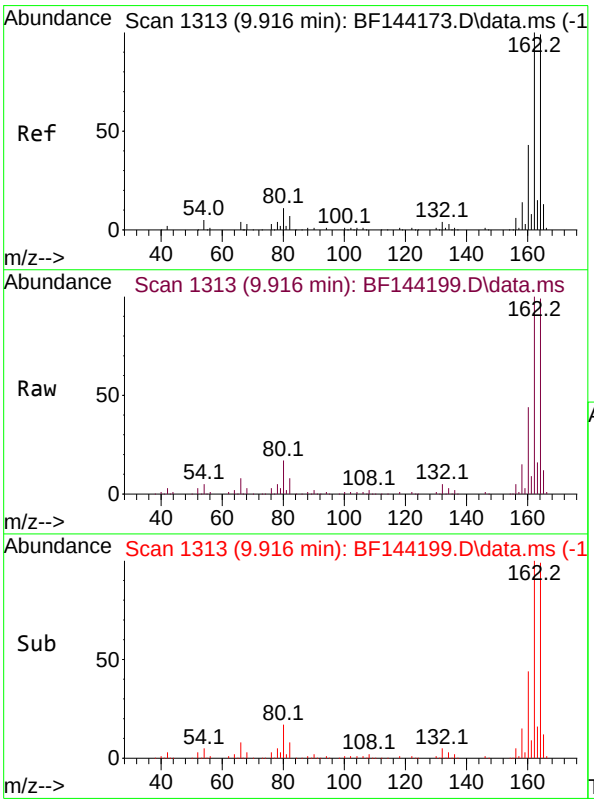
#23
Nitrobenzene-d5
Concen: 83.001 ng
RT: 7.434 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion: 82 Resp: 443974

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.7	52.1
54	65.2	49.5	74.3

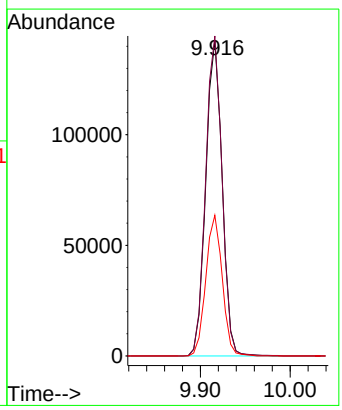


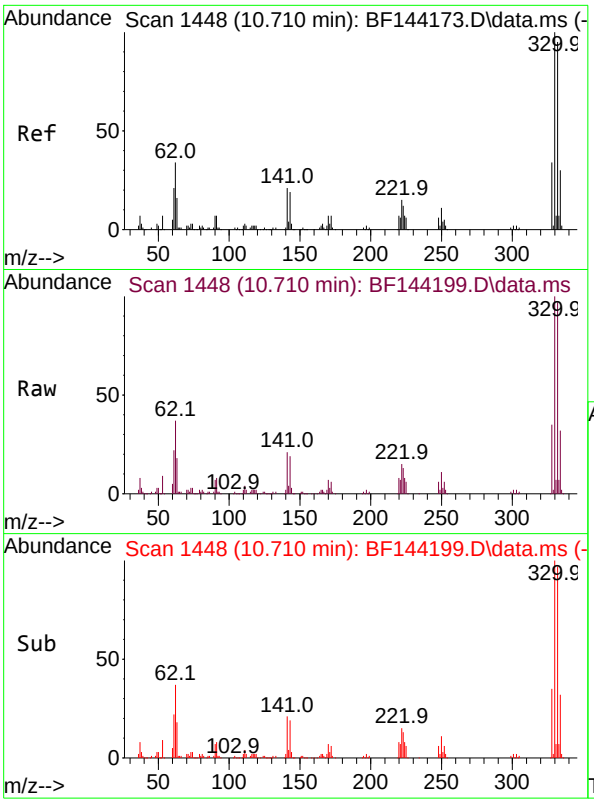


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:164 Resp: 180668

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.1	121.7
160	44.6	34.5	51.7



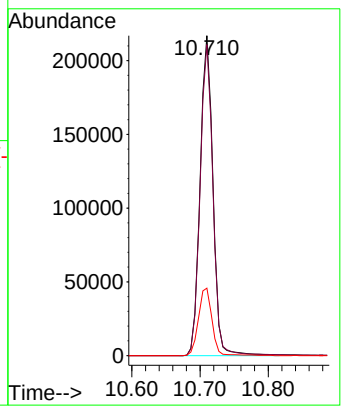


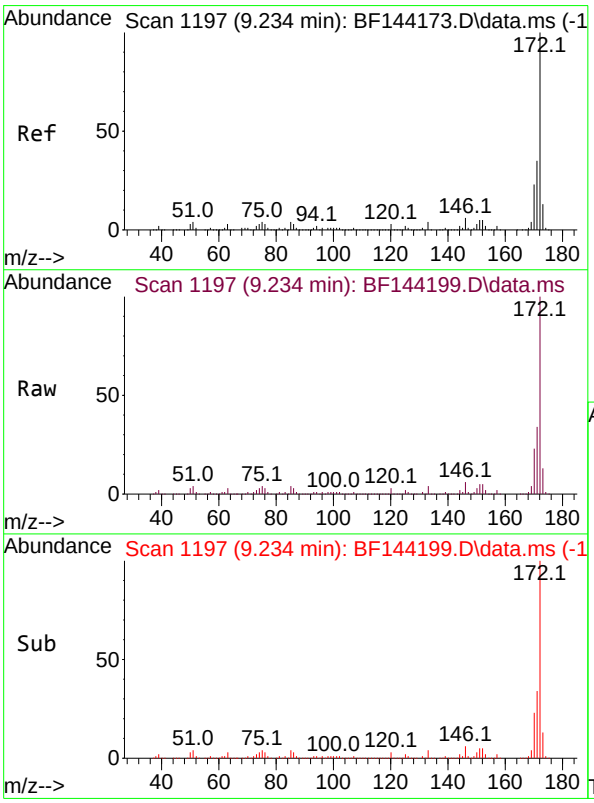
#42
2,4,6-Tribromophenol
Concen: 125.649 ng
RT: 10.710 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:330 Resp: 284869

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	22.2	17.8	26.8

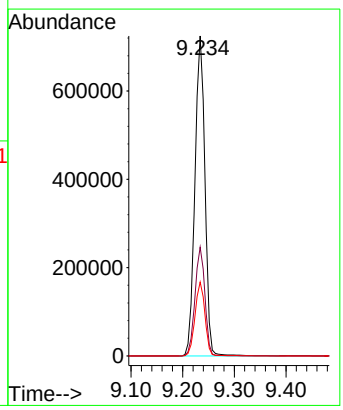


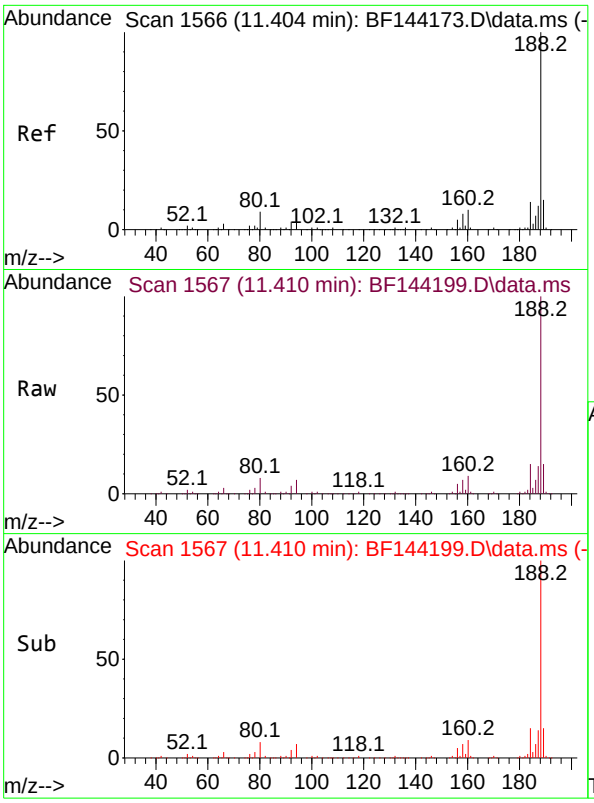


#45
2-Fluorobiphenyl
Concen: 79.780 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:172 Resp: 975916

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	23.1	18.6	28.0



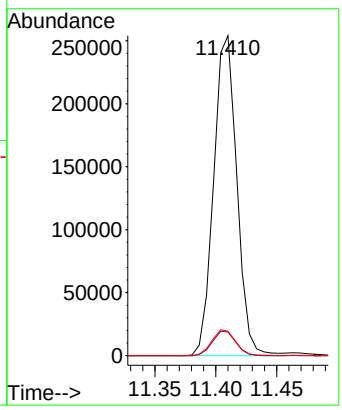


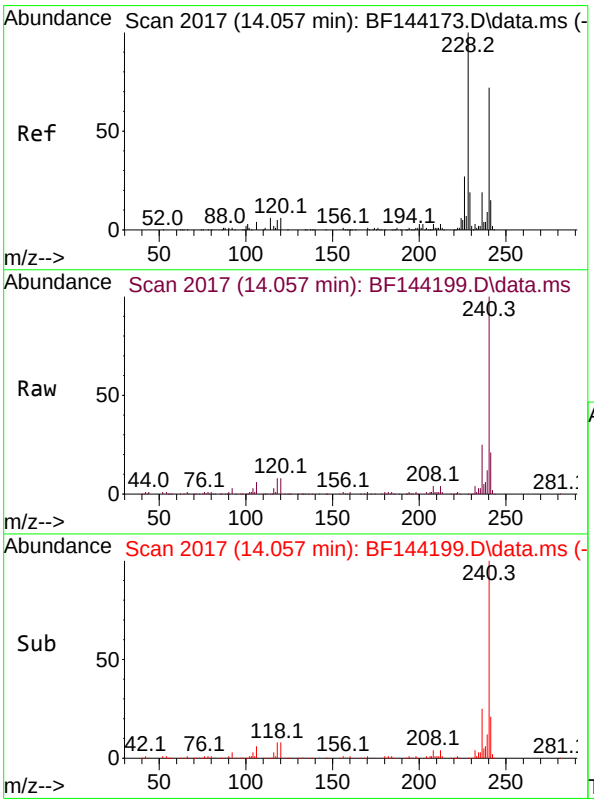
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:188 Resp: 336603

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	7.6	6.9	10.3

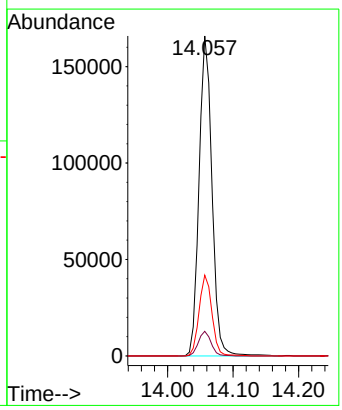


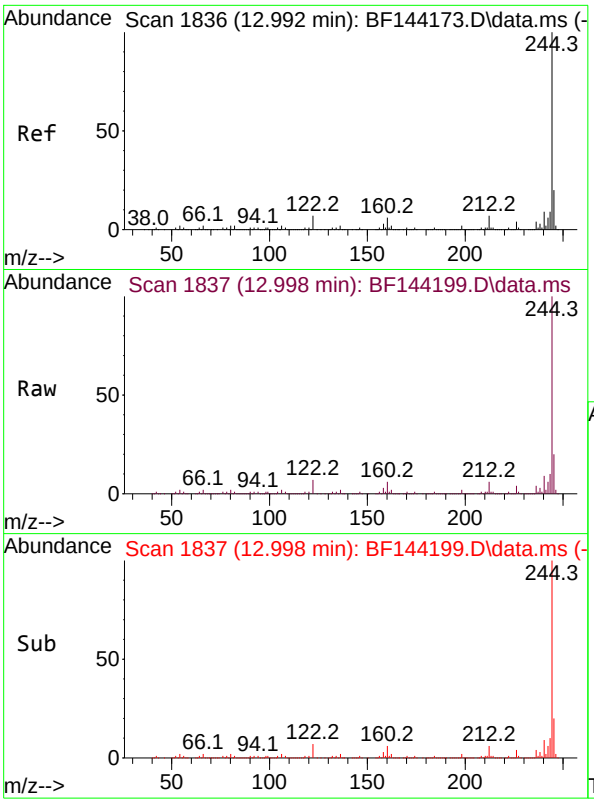


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:240 Resp: 225293

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.2	21.4	32.2



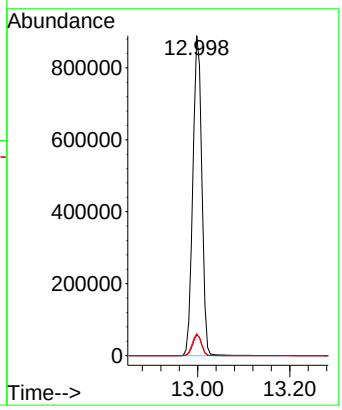


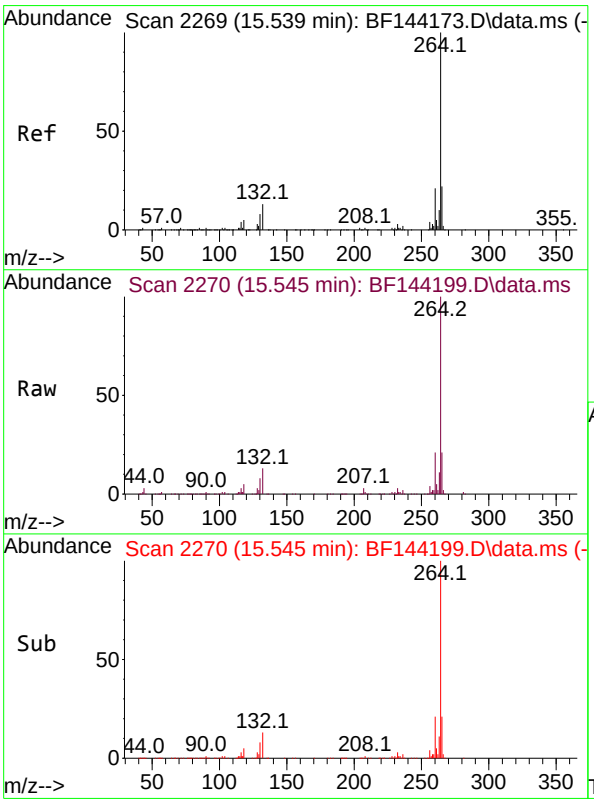
#79
Terphenyl-d14
Concen: 84.526 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:244 Resp: 1198876

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	6.8	5.6	8.4

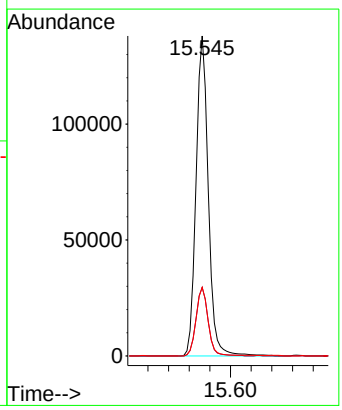




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion:264 Resp: 226985

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.1	25.7
265	21.4	17.4	26.0



Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	492	498	509	rBV	20029	34020	1.18%	0.199%
2	5.504	557	563	585	rBV	1562184	2139432	73.95%	12.514%
3	6.504	727	733	752	rBV	1571253	2187793	75.62%	12.796%
4	6.875	791	796	801	rBV	378741	473668	16.37%	2.770%
5	7.434	885	891	907	rBV	1005188	1391541	48.10%	8.139%
6	8.157	1008	1014	1036	rBV	461030	618079	21.36%	3.615%
7	9.234	1191	1197	1202	rBV	1998604	2646740	91.49%	15.481%
8	9.916	1307	1313	1324	rVB	582305	736319	25.45%	4.307%
9	10.710	1442	1448	1466	rBV	1374052	1850076	63.95%	10.821%
10	11.410	1561	1567	1574	rBV	595555	788852	27.27%	4.614%
11	12.998	1831	1837	1843	rBV	2168477	2893029	100.00%	16.921%
12	14.057	2012	2017	2031	rVB	417789	558312	19.30%	3.266%
13	15.545	2264	2270	2281	rBV	326081	526637	18.20%	3.080%
14	17.263	2548	2562	2581	rBV3	49106	252473	8.73%	1.477%

Sum of corrected areas: 17096971

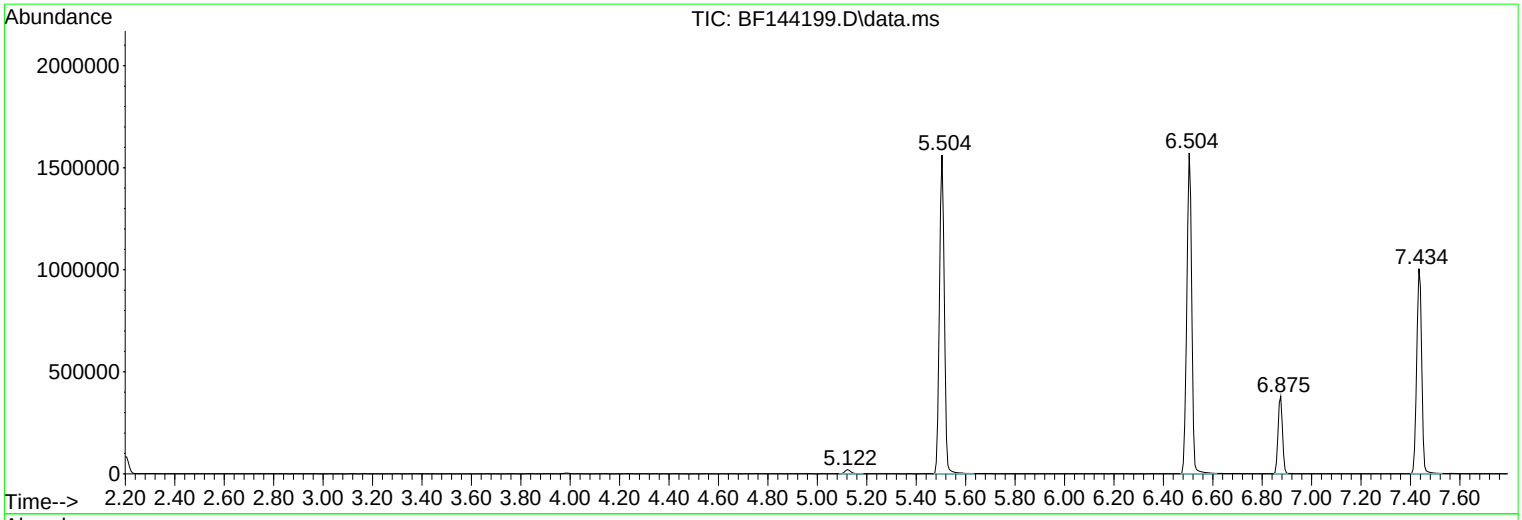
Sample Results: **BF144199.D**

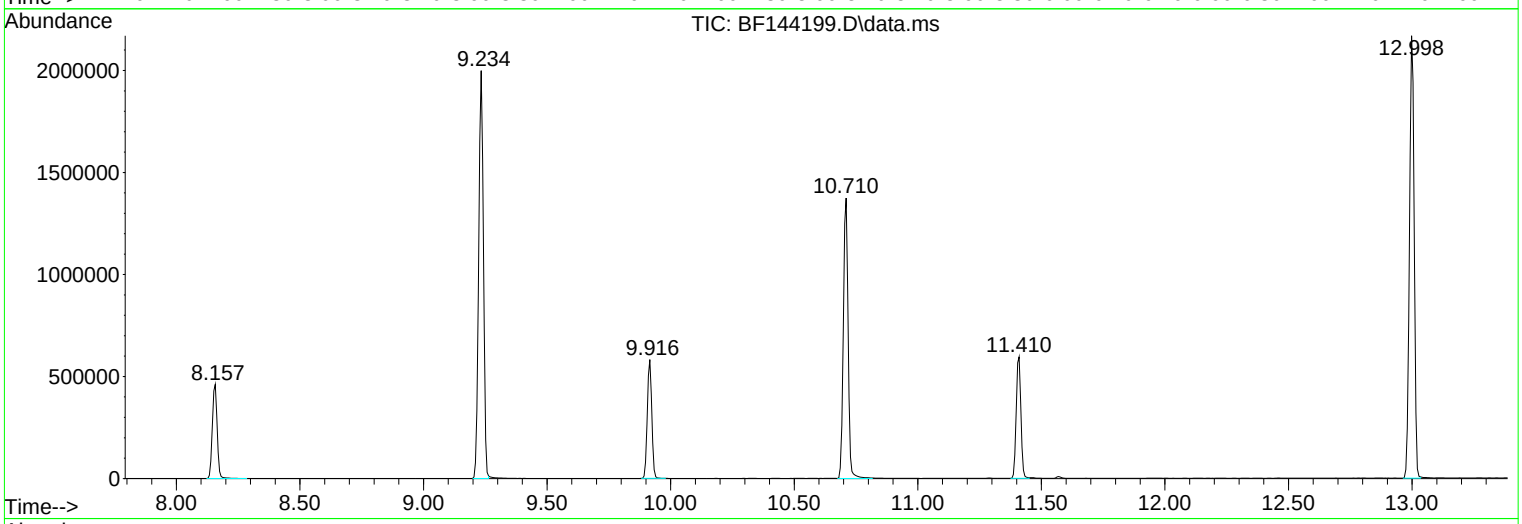
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

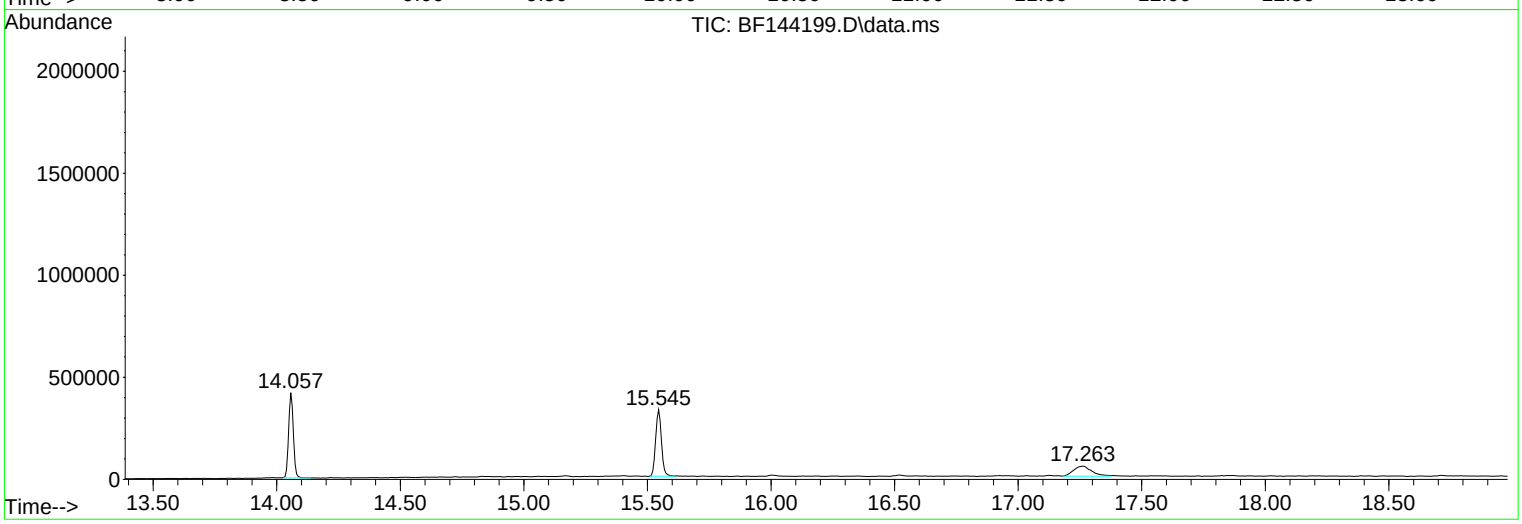
Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Sample Results: **BF144199.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

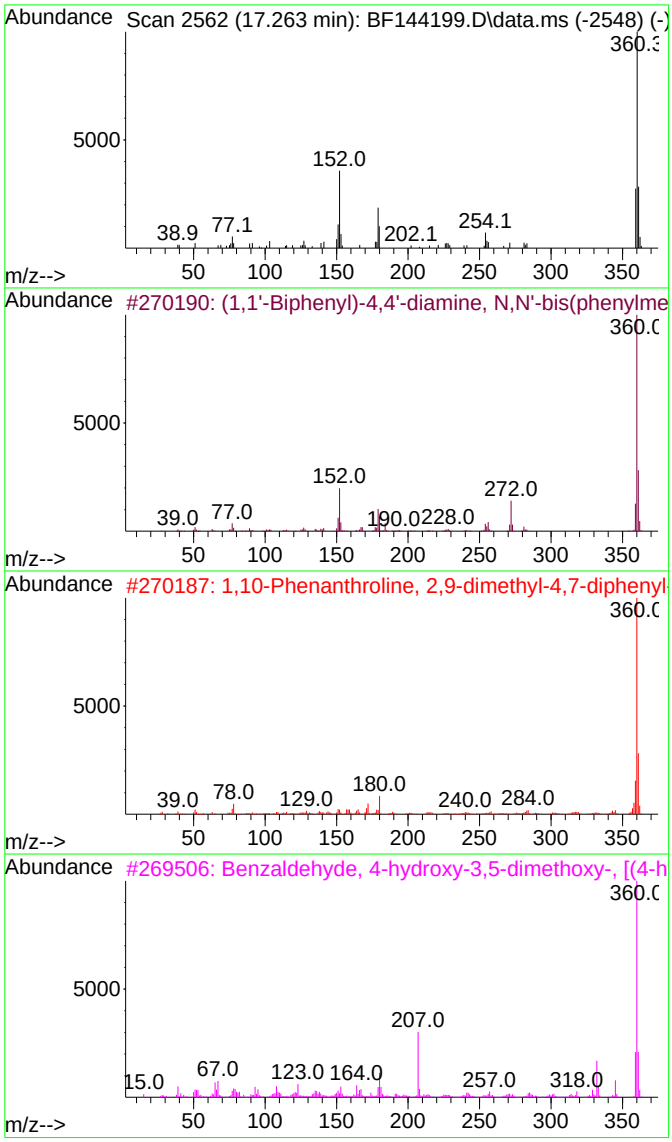
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

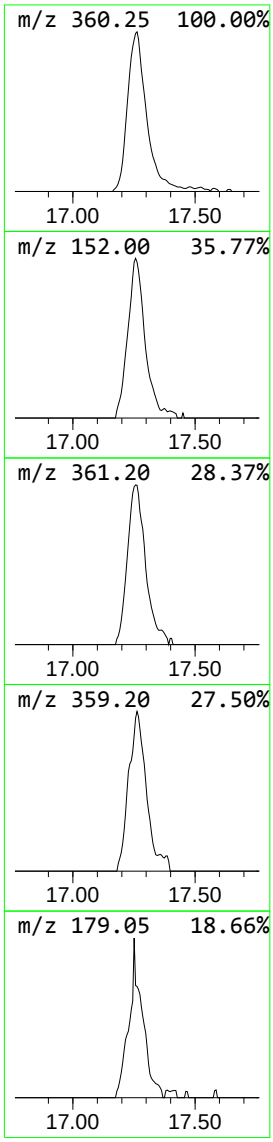
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.262	9.59 ng	252473	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	58
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	53
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	52
5	1H-isoindole-1,3(2H)-dione, 2-[5...	360	C21H16N2O4	1000398-48-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
Acq On : 11 Nov 2025 13:07
Operator : RC/JU
Sample : PB170478BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
(1,1'-Biphenyl)...	17.262	9.6	ng	252473	6	15.545	526637	20.0

Sample Results: **BF144200.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	282587	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268017	20.000	ng	0.00
76) Chrysene-d12	14.063	240	166103	20.000	ng	0.01
86) Perylene-d12	15.545	264	208533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	551140	114.507	ng	0.01
7) Phenol-d6	6.510	99	612261	112.265	ng	0.01
23) Nitrobenzene-d5	7.439	82	408124	83.412	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243773	121.299	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	856486	78.987	ng	0.00
79) Terphenyl-d14	12.998	244	866540	82.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	69787	35.071	ng	96
3) Pyridine	3.469	79	192404	34.657	ng	99
4) n-Nitrosodimethylamine	3.410	42	136976	47.235	ng	94
6) Aniline	6.540	93	266948	34.355	ng	94
8) 2-Chlorophenol	6.663	128	202619	42.926	ng	98
9) Benzaldehyde	6.428	77	100143	32.518	ng	97
10) Phenol	6.522	94	279333	41.921	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	208389	42.920	ng	97
12) 1,3-Dichlorobenzene	6.816	146	241625	41.484	ng	99
13) 1,4-Dichlorobenzene	6.892	146	253427	43.430	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241447	43.169	ng	99
15) Benzyl Alcohol	7.016	79	196161	45.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	397303	44.436	ng	93
17) 2-Methylphenol	7.128	107	162150	43.181	ng	97
18) Hexachloroethane	7.386	117	83780	43.215	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	154528	43.042	ng	94
20) 3+4-Methylphenols	7.281	107	184122	41.595	ng	93
22) Acetophenone	7.287	105	290309	47.889	ng	96
24) Nitrobenzene	7.457	77	234871	44.211	ng	99
25) Isophorone	7.698	82	416737	45.029	ng	99
26) 2-Nitrophenol	7.775	139	115191	43.802	ng	96
27) 2,4-Dimethylphenol	7.810	122	190067	48.221	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	257957	44.634	ng	96
29) 2,4-Dichlorophenol	8.016	162	193822	42.664	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	208428	44.679	ng	98
31) Naphthalene	8.181	128	585699	43.571	ng	99
32) Benzoic acid	7.939	122	131726	45.592	ng	96
33) 4-Chloroaniline	8.228	127	124369	25.368	ng	99
34) Hexachlorobutadiene	8.292	225	154326	43.896	ng	99
35) Caprolactam	8.598	113	56688m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.716	107	182799	44.898	ng	99
37) 2-Methylnaphthalene	8.869	142	356464	39.662	ng	99
38) 1-Methylnaphthalene	8.969	142	368954	42.546	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	246104	46.890	ng	98
41) Hexachlorocyclopentadiene	9.022	237	197419	91.222	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	153139	42.869	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	159933	41.540	ng	99
46) 1,1'-Biphenyl	9.339	154	524494	46.918	ng	99
47) 2-Chloronaphthalene	9.363	162	396675	41.599	ng	98
48) 2-Nitroaniline	9.463	65	126485	45.972	ng	99
49) Acenaphthylene	9.780	152	629798	48.466	ng	98
50) Dimethylphthalate	9.639	163	474893	44.761	ng	99
51) 2,6-Dinitrotoluene	9.704	165	102027	47.505	ng	98
52) Acenaphthene	9.951	154	345560	39.767	ng	98
53) 3-Nitroaniline	9.875	138	72985	31.087	ng	99
54) 2,4-Dinitrophenol	9.986	184	112309	86.597	ng	98
55) Dibenzofuran	10.122	168	509223	41.842	ng	98
56) 4-Nitrophenol	10.039	139	134569	79.237	ng	93
57) 2,4-Dinitrotoluene	10.110	165	130747	45.475	ng	93
58) Fluorene	10.469	166	403013	43.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	124788	45.811	ng	97
60) Diethylphthalate	10.339	149	442821	45.276	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	222229	42.162	ng	95
62) 4-Nitroaniline	10.492	138	98043	43.851	ng	98
63) Azobenzene	10.622	77	419160	46.050	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	77843	42.753	ng	97
66) n-Nitrosodiphenylamine	10.580	169	394291	45.741	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	151509	44.288	ng	98
68) Hexachlorobenzene	11.016	284	182575	45.310	ng	98
69) Atrazine	11.104	200	129589	47.271	ng	99
70) Pentachlorophenol	11.216	266	188539	93.963	ng	99
71) Phenanthrene	11.433	178	587824	44.051	ng	100
72) Anthracene	11.486	178	594138	43.787	ng	99
73) Carbazole	11.639	167	504944	43.764	ng	99
74) Di-n-butylphthalate	11.969	149	635124	45.535	ng	99
75) Fluoranthene	12.627	202	593499	43.055	ng	99
77) Benzidine	12.751	184	127913	26.035	ng	99
78) Pyrene	12.857	202	595945	44.498	ng	99
80) Butylbenzylphthalate	13.474	149	218599	47.094	ng	97
81) Benzo(a)anthracene	14.051	228	527718	45.840	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	137930	34.954	ng	96
83) Chrysene	14.086	228	467136	43.956	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	295568	46.515	ng	97
85) Di-n-octyl phthalate	14.645	149	506010	46.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	690764	46.145	ng	99
88) Benzo(b)fluoranthene	15.110	252	612732	51.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	478154	43.090	ng	99
90) Benzo(a)pyrene	15.480	252	532196	48.659	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	573506	47.705	ng	99
92) Benzo(g,h,i)perylene	17.509	276	584704	49.251	ng	99

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

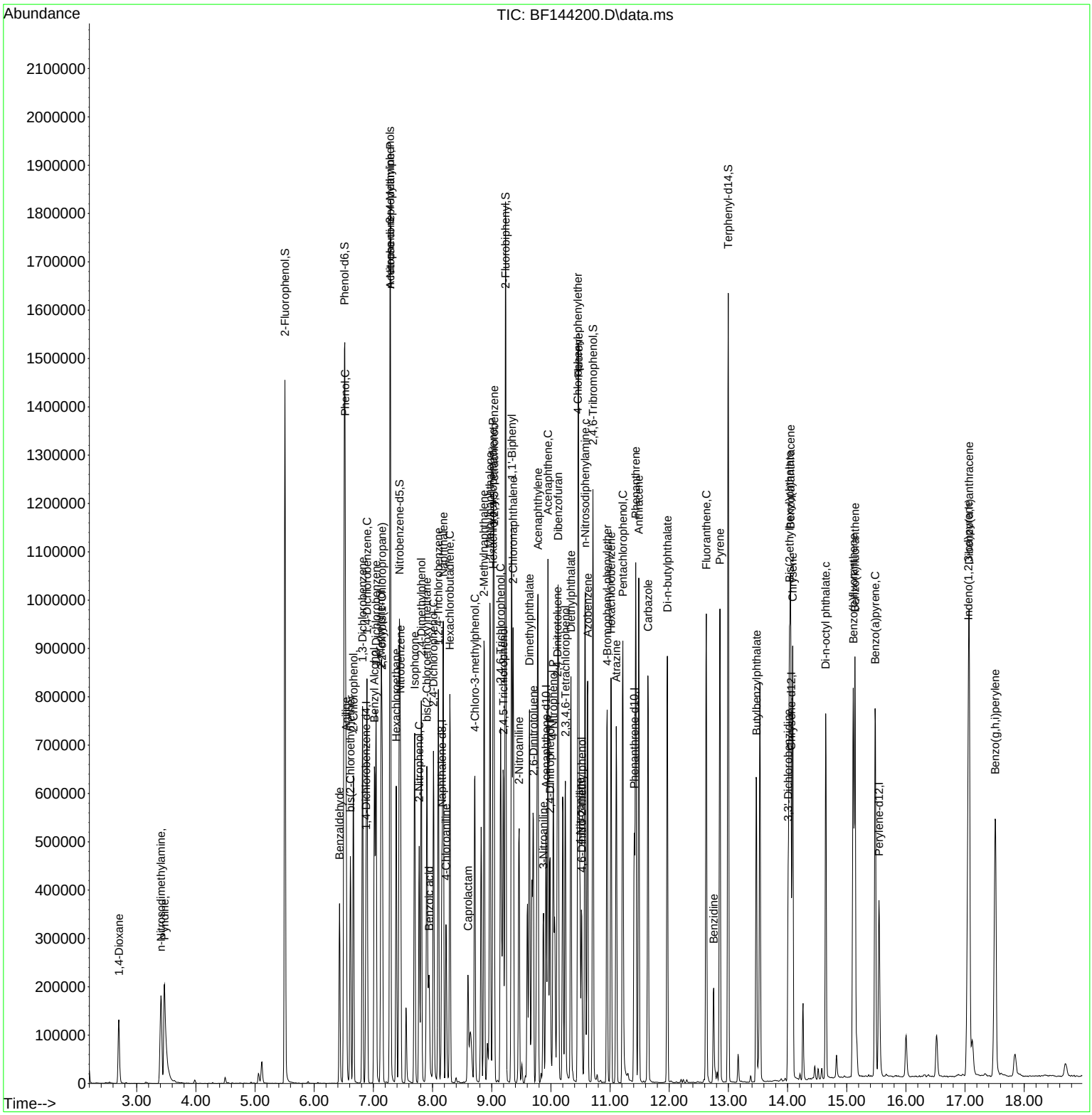
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144200.D
Acq On : 11 Nov 2025 13:36
Operator : RC/JU
Sample : PB170478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 11 13:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170478BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	296222	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1166343	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	745428	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1549759	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1762341	20.000	ng		0.01
86) Perylene-d12	24.924	264	2068063	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1778196	99.054	ng		0.00
7) Phenol-d6	6.849	99	2260243	98.920	ng		0.00
23) Nitrobenzene-d5	8.813	82	1249195	66.768	ng		-0.01
42) 2,4,6-Tribromophenol	15.825	330	939233	116.547	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3047663	58.748	ng		-0.01
79) Terphenyl-d14	19.866	244	5237660	60.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	284762	37.628	ng		98
3) Pyridine	3.614	79	786988	36.581	ng		97
4) n-Nitrosodimethylamine	3.525	42	362450	42.035	ng		90
6) Aniline	7.008	93	934451	30.643	ng		98
8) 2-Chlorophenol	7.249	128	946013	47.589	ng		97
9) Benzaldehyde	6.819	77	463796	39.047	ng		99
10) Phenol	6.878	94	1148006	45.257	ng		100
11) bis(2-Chloroethyl)ether	7.102	93	833295	41.626	ng		99
12) 1,3-Dichlorobenzene	7.566	146	1009516	44.220	ng		99
13) 1,4-Dichlorobenzene	7.713	146	1027189	44.502	ng		100
14) 1,2-Dichlorobenzene	8.025	146	980092	44.498	ng		100
15) Benzyl Alcohol	7.908	79	748510	45.441	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1165540	38.523	ng		98
17) 2-Methylphenol	8.113	107	766752	46.161	ng		99
18) Hexachloroethane	8.749	117	355877	45.057	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	609970	43.005	ng		97
20) 3+4-Methylphenols	8.431	107	1042051	45.095	ng		98
22) Acetophenone	8.484	105	1300398	44.085	ng	#	97
24) Nitrobenzene	8.855	77	906907	45.910	ng		98
25) Isophorone	9.384	82	1731602	43.240	ng		99
26) 2-Nitrophenol	9.560	139	459763	62.382	ng		96
27) 2,4-Dimethylphenol	9.625	122	854401	50.736	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1086520	43.051	ng		100
29) 2,4-Dichlorophenol	10.096	162	868157	48.825	ng		98
30) 1,2,4-Trichlorobenzene	10.307	180	905744	46.866	ng		97
31) Naphthalene	10.496	128	2743320	43.132	ng		100
32) Benzoic acid	9.755	122	691403	61.547	ng		96
33) 4-Chloroaniline	10.596	127	470005	19.230	ng		99
34) Hexachlorobutadiene	10.790	225	548423	44.654	ng		98
35) Caprolactam	11.366	113	308604	49.424	ng	#	88
36) 4-Chloro-3-methylphenol	11.725	107	912347	48.947	ng		99
37) 2-Methylnaphthalene	12.113	142	1770111	39.764	ng		99
38) 1-Methylnaphthalene	12.331	142	1816726	42.008	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	1008627	43.548	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1120849	132.265	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	708087	51.722	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	788989	50.507	ng		99
46) 1,1'-Biphenyl	13.131	154	2485365	43.543	ng		99
47) 2-Chloronaphthalene	13.172	162	1920130	42.757	ng		99
48) 2-Nitroaniline	13.372	65	556442	48.138	ng		95
49) Acenaphthylene	14.031	152	3279242	50.100	ng		100
50) Dimethylphthalate	13.766	163	2430796	44.831	ng		100
51) 2,6-Dinitrotoluene	13.878	165	530255	52.105	ng		93
52) Acenaphthene	14.378	154	1822943	40.569	ng		100
53) 3-Nitroaniline	14.201	138	344027	29.253	ng	#	96
54) 2,4-Dinitrophenol	14.419	184	617165	110.722	ng		92
55) Dibenzofuran	14.719	168	2957373	43.561	ng		98
56) 4-Nitrophenol	14.525	139	1117576	103.365	ng		94
57) 2,4-Dinitrotoluene	14.678	165	777166	51.982	ng		91
58) Fluorene	15.384	166	2341092	44.015	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	699686	56.966	ng		98
60) Diethylphthalate	15.160	149	2469705	45.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.384	204	1137548	42.828	ng		98
62) 4-Nitroaniline	15.395	138	605617	52.270	ng		94
63) Azobenzene	15.684	77	2303527	46.628	ng		96
65) 4,6-Dinitro-2-methylph...	15.454	198	416417	61.165	ng		91
66) n-Nitrosodiphenylamine	15.595	169	2155394	44.482	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	754222	43.874	ng		97
68) Hexachlorobenzene	16.419	284	877752	44.852	ng		96
69) Atrazine	16.578	200	819183	50.115	ng		98
70) Pentachlorophenol	16.772	266	1254838	104.976	ng		99
71) Phenanthrene	17.172	178	3856008	42.748	ng		100
72) Anthracene	17.260	178	3964031	44.333	ng		99
73) Carbazole	17.542	167	3883757	45.885	ng		100
74) Di-n-butylphthalate	18.154	149	4567374	48.225	ng		99
75) Fluoranthene	19.266	202	4810970	45.721	ng		98
77) Benzidine	19.460	184	2760993	61.722	ng		99
78) Pyrene	19.642	202	5019988	42.116	ng		99
80) Butylbenzylphthalate	20.607	149	2238758	50.144	ng		99
81) Benzo(a)anthracene	21.560	228	5361718	44.274	ng		100
82) 3,3'-Dichlorobenzidine	21.489	252	1330753	34.105	ng		99
83) Chrysene	21.625	228	5030796	43.854	ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	3357041	47.305	ng		99
85) Di-n-octyl phthalate	22.819	149	5992300	57.119	ng		97
87) Indeno(1,2,3-cd)pyrene	28.718	276	6960277m	45.588	ng		
88) Benzo(b)fluoranthene	23.877	252	5541720	43.165	ng		99
89) Benzo(k)fluoranthene	23.948	252	5709385	43.549	ng		99
90) Benzo(a)pyrene	24.771	252	5501616	46.645	ng		99
91) Dibenzo(a,h)anthracene	28.818	278	5718465	46.024	ng		99
92) Benzo(g,h,i)perylene	29.895	276	5625013	47.046	ng		97

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

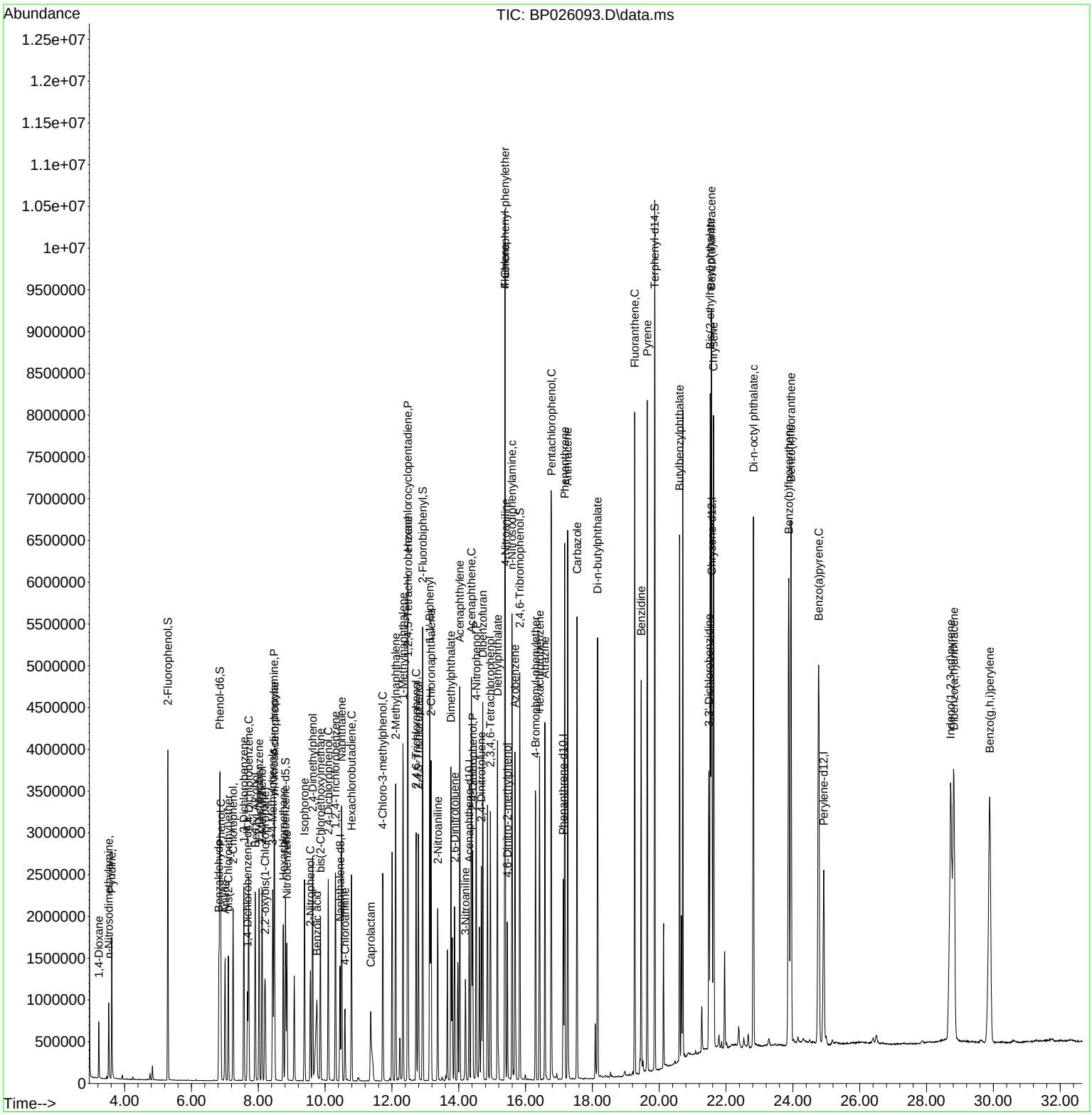
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 17:12:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



Sample Results: **BP026094.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	270854	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1115775	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	711326	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1435440	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1558558	20.000	ng	0.02
86) Perylene-d12	24.918	264	1925500	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1717502	104.634	ng	0.00
7) Phenol-d6	6.854	99	2209997	105.780	ng	0.00
23) Nitrobenzene-d5	8.819	82	1219040	68.109	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	911398	118.515	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	3055922	61.732	ng	0.00
79) Terphenyl-d14	19.871	244	4779744	62.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	261509	37.791	ng	97
3) Pyridine	3.613	79	725391	36.876	ng	97
4) n-Nitrosodimethylamine	3.525	42	341300	43.290	ng	90
6) Aniline	7.007	93	925919	33.207	ng	98
8) 2-Chlorophenol	7.249	128	922742	50.766	ng	96
9) Benzaldehyde	6.819	77	442961	40.786	ng	98
10) Phenol	6.878	94	1128889	48.671	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	806435	44.057	ng	99
12) 1,3-Dichlorobenzene	7.572	146	946954	45.365	ng	98
13) 1,4-Dichlorobenzene	7.707	146	967002	45.818	ng	100
14) 1,2-Dichlorobenzene	8.019	146	934651	46.409	ng	100
15) Benzyl Alcohol	7.907	79	738501	49.032	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1115064	40.307	ng	96
17) 2-Methylphenol	8.107	107	747464	49.214	ng	99
18) Hexachloroethane	8.743	117	338138	46.821	ng	100
19) n-Nitroso-di-n-propyla...	8.472	70	601399	46.372	ng	96
20) 3+4-Methylphenols	8.437	107	1031032	48.797	ng	99
22) Acetophenone	8.484	105	1282469	45.448	ng	97
24) Nitrobenzene	8.860	77	882581	46.703	ng	98
25) Isophorone	9.378	82	1708588	44.599	ng	100
26) 2-Nitrophenol	9.560	139	453068	64.179	ng	97
27) 2,4-Dimethylphenol	9.631	122	844212	52.403	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1074718	44.514	ng	99
29) 2,4-Dichlorophenol	10.090	162	860362	50.580	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	876028	47.383	ng	97
31) Naphthalene	10.495	128	2691629	44.237	ng	100
32) Benzoic acid	9.748	122	676396	62.530	ng	96
33) 4-Chloroaniline	10.595	127	414754	17.739	ng	99
34) Hexachlorobutadiene	10.784	225	530487	45.152	ng	99
35) Caprolactam	11.366	113	298250m	49.930	ng	
36) 4-Chloro-3-methylphenol	11.731	107	886927	49.739	ng	96
37) 2-Methylnaphthalene	12.113	142	1742690	40.922	ng	99
38) 1-Methylnaphthalene	12.337	142	1788990	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	987579	44.683	ng	99
41) Hexachlorocyclopentadiene	12.472	237	1140129	140.990	ng	98
43) 2,4,6-Trichlorophenol	12.731	196	703674	53.864	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	776825	52.112	ng		98
46) 1,1'-Biphenyl	13.137	154	2440513	44.807	ng		99
47) 2-Chloronaphthalene	13.178	162	1896905	44.264	ng		98
48) 2-Nitroaniline	13.378	65	551553	49.890	ng		96
49) Acenaphthylene	14.031	152	3264189	52.261	ng		100
50) Dimethylphthalate	13.778	163	2394255	46.274	ng		100
51) 2,6-Dinitrotoluene	13.878	165	518105	53.280	ng		96
52) Acenaphthene	14.389	154	2141197	49.936	ng		99
53) 3-Nitroaniline	14.207	138	322608	28.793	ng	#	98
54) 2,4-Dinitrophenol	14.425	184	582738	109.954	ng		95
55) Dibenzofuran	14.731	168	2888133	44.581	ng		100
56) 4-Nitrophenol	14.531	139	1063004	103.031	ng		97
57) 2,4-Dinitrotoluene	14.678	165	746671	52.315	ng		95
58) Fluorene	15.389	166	2336182	46.029	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	680080	58.025	ng		98
60) Diethylphthalate	15.178	149	2412363	46.377	ng		99
61) 4-Chlorophenyl-phenyle...	15.389	204	1129798	44.575	ng		99
62) 4-Nitroaniline	15.401	138	575520	52.053	ng		96
63) Azobenzene	15.689	77	2243220	47.584	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	392233	61.923	ng		91
66) n-Nitrosodiphenylamine	15.601	169	2087730	46.517	ng		100
67) 4-Bromophenyl-phenylether	16.307	248	747705	46.958	ng		97
68) Hexachlorobenzene	16.425	284	850021	46.895	ng		98
69) Atrazine	16.595	200	779928	51.514	ng		98
70) Pentachlorophenol	16.772	266	1199329	108.323	ng		99
71) Phenanthrene	17.177	178	3738298	44.743	ng		100
72) Anthracene	17.272	178	3835185	46.308	ng		100
73) Carbazole	17.548	167	3606555	46.004	ng		100
74) Di-n-butylphthalate	18.154	149	4293156	48.940	ng		100
75) Fluoranthene	19.271	202	4500587	46.178	ng		99
77) Benzidine	19.460	184	2562154	64.766	ng		99
78) Pyrene	19.648	202	4613557	43.767	ng		99
80) Butylbenzylphthalate	20.618	149	2046991	51.728	ng		96
81) Benzo(a)anthracene	21.565	228	4914004	45.882	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	1244227	36.057	ng		100
83) Chrysene	21.630	228	4558967	44.937	ng		100
84) Bis(2-ethylhexyl)phtha...	21.530	149	3019336	48.065	ng		98
85) Di-n-octyl phthalate	22.818	149	5570128	60.037	ng		97
87) Indeno(1,2,3-cd)pyrene	28.712	276	6728862m	47.335	ng		
88) Benzo(b)fluoranthene	23.865	252	5395561	45.138	ng		100
89) Benzo(k)fluoranthene	23.936	252	5338585	43.736	ng		99
90) Benzo(a)pyrene	24.765	252	5253292	47.837	ng		99
91) Dibenzo(a,h)anthracene	28.800	278	5505218	47.589	ng		99
92) Benzo(g,h,i)perylene	29.877	276	5403461	48.540	ng		98

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

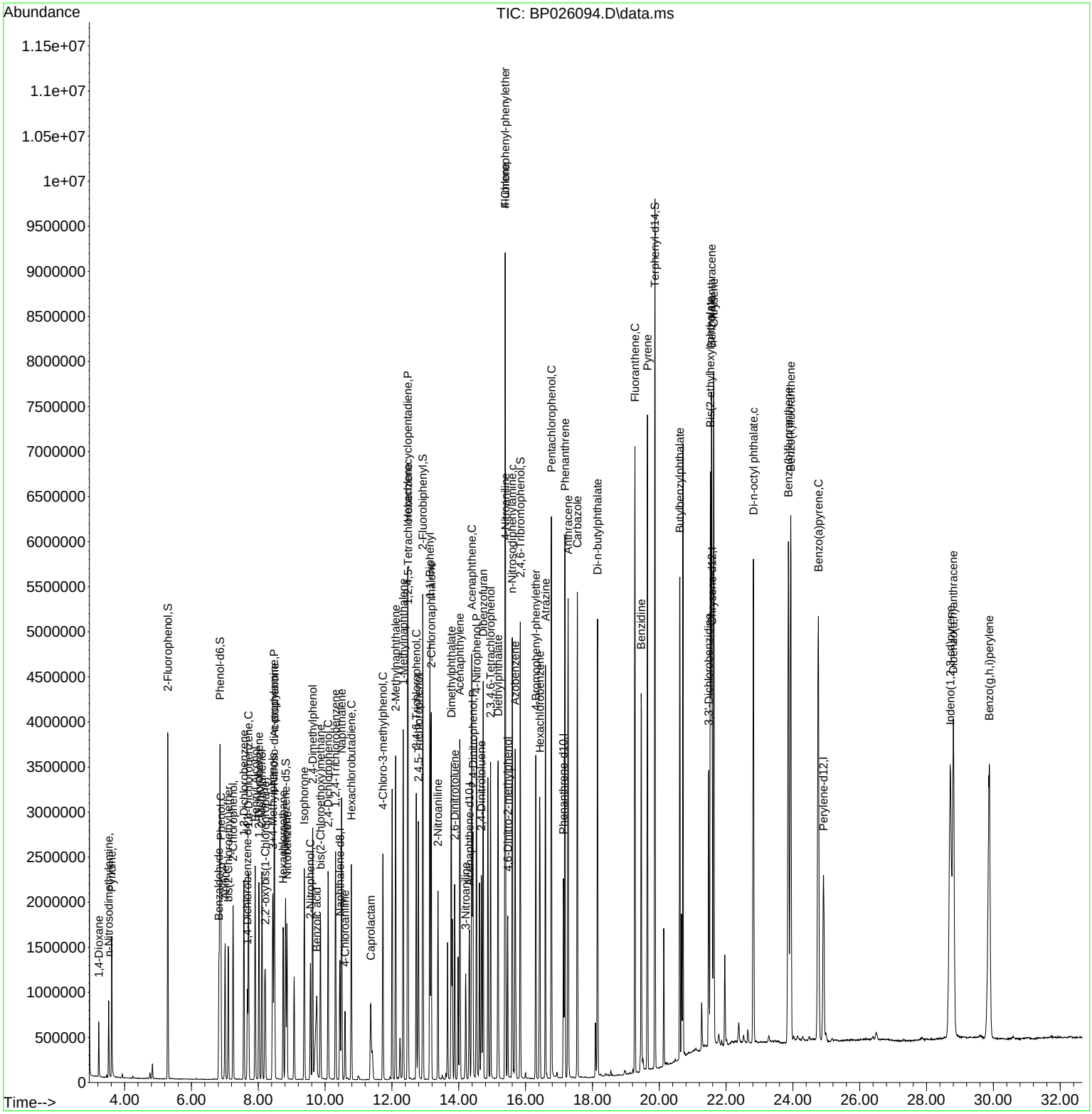
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 01:45:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



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

Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF111125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170478BS	BF144200.D	Caprolactam	rahul	11/12/2025 9:18:27 AM	Jagrut	11/12/2025 11:26:05 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP111125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
Q3586-03MS	BP026093.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:46 AM	Jagrut	11/12/2025 11:21:55 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Caprolactam	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software
Q3586-03MSD	BP026094.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:49 AM	Jagrut	11/12/2025 11:21:58 AM	Peak Integrated by Software

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 # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM				
SubDirectory	BF111125	HP Acquire Method	BNA_F		HP Processing Method	BF110525	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

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 # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	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 # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM				
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM				
SubDirectory	BP111125	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Not Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM		
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM		
SubDirectory	BF110525	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	Comp#9,77 fail from highside	RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

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 # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-(	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-(	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C(	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C(	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-(	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-(	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,65,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59	TYPO- SAMPLE # TO BE CORRECTED	RC/JU	Not Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170478

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/11/2025

Extraction Start Time : 09:28

Extraction End Date : 11/11/2025

Extraction End Time : 12:55

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	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
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	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
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 # 2210443.Q3590-01,03,05 used limited volume as samples are Oily Debris + Small particles.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25	RS (Ext lab)	JY / SVOC
13:00	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170478

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/11/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170478BL	SBLK478	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U3-1
PB170478BS	SLCS478	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3581-01	VNJ-238	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	F		3
Q3581-03	VNJ-245	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	F		4
Q3581-05	VNJ-240	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	F		5
Q3581-07	RBR200059	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	F		6
Q3582-04	RT4912	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	F		U4-1
Q3583-04	CHRT27080	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E	Sludge	2
Q3586-01	SED-1	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		3
Q3586-02	SED-2	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	H		4
Q3586-03	SED-3	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	H		5
Q3586-03MS	SED-3MS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	H		6
Q3586-03MSD	SED-3MSD	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	H		U6-1
Q3587-01	NB-08-110725	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		2
Q3588-01	TR-06-11072025	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		3
Q3588-03	TR-01-11072025	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		4
Q3590-01	MOO-25-0314-0316-COMP	SVOC-TCL BNA -20	5.04	N/A	ritesh	Evelyn	1	F	Oily Debris + Soil	5
Q3590-03	MOO-25-0317-0318-COMP	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris + Small Particles	6
Q3590-05	MOO-25-0319-COMP	SVOC-TCL BNA -20	5.03	N/A	ritesh	Evelyn	1	E	Oily Debris	U7-1
Q3592-01	11625	SVOC-PAH	50.06	N/A	ritesh	Evelyn	1	E	Concrete	2
Q3593-04	A-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.08	N/A	ritesh	Evelyn	1	E		3
Q3593-06	B-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.01	N/A	ritesh	Evelyn	1	E		4
Q3593-08	C-LAW-25-0167-0175-COMP	SVOC-TCL BNA	50.07	N/A	ritesh	Evelyn	1	E		5
Q3593-10	D-LAW-25-0156-0166-COMP	SVOC-TCL BNA	50.05	N/A	ritesh	Evelyn	1	E		6

RS 11/11

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

1704478
9:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3582 **WorkList ID :** 193030 **Department :** Extraction **Date :** 11-11-2025 08:17:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-03	VNJ-245	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-05	VNJ-240	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3581-07	RBR200059	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3582-04	RT4912	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3583-04	CHRT27080	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	11/07/2025	8270E
Q3586-01	SED-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3586-02	SED-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3586-03	SED-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3587-01	NB-08-110725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D31	11/06/2025	8270E
Q3588-01	TR-06-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3588-03	TR-01-11072025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3590-01	MOO-25-0314-0316-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/07/2025	8270E
Q3590-03	MOO-25-0317-0318-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3590-05	MOO-25-0319-COMP	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3592-01	11625	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	SVOC-TCL BNA	Cool 4 deg C	PSEG03	D41	11/07/2025	8270E

Date/Time 11/11/25 9:25
Raw Sample Received by: RJ (Ex Labs)
Raw Sample Relinquished by: SM

Date/Time 11/11/25 9:57
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ex Labs)

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

LAB CHRONICLE

OrderID:	Q3586	**OrderDate:**	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	**Project:**	Edison Landfill
Contact:	Kyle Carlson	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	**SED-1**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-02	**SED-2**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	
Q3586-03	**SED-3**	**SOIL**			**11/06/25**			**11/07/25**
			SVOC-TCL BNA -20	8270E		11/11/25	11/11/25	