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

Hit Summary Sheet
SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SB-1025-2**								
Q3495-02	SB-1025-2	SOIL	Bis(2-ethylhexyl)phthalate		120.000	J	78.6	230	ug/Kg
			Total Svoc :		**120.00**				
Q3495-02	SB-1025-2	SOIL	1-Heneicosanol	*	170.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Benzophenone	*	320.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	n-Hexadecanoic acid	*	640.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Octadecanoic acid	*	220.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	99.600	J	0	0	ug/Kg
			Total Tics :		**1,449.60**				
			Total Concentration:		**1,569.60**				

SAMPLE DATA

Raw Data: **BP026060.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	440	ug/Kg	11/03/25 16:13	PB170342
108-95-2	Phenol	29.3	U	1	29.3	230	ug/Kg	11/03/25 16:13	PB170342
111-44-4	bis(2-Chloroethyl)ether	32.3	U	1	32.3	230	ug/Kg	11/03/25 16:13	PB170342
95-57-8	2-Chlorophenol	32.4	U	1	32.4	230	ug/Kg	11/03/25 16:13	PB170342
95-48-7	2-Methylphenol	39.7	U	1	39.7	230	ug/Kg	11/03/25 16:13	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	49.8	U	1	49.8	230	ug/Kg	11/03/25 16:13	PB170342
98-86-2	Acetophenone	39.2	U	1	39.2	230	ug/Kg	11/03/25 16:13	PB170342
65794-96-9	3+4-Methylphenols	54.6	U	1	54.6	440	ug/Kg	11/03/25 16:13	PB170342
621-64-7	n-Nitroso-di-n-propylamine	62.9	U	1	62.9	110	ug/Kg	11/03/25 16:13	PB170342
67-72-1	Hexachloroethane	23.4	U	1	23.4	230	ug/Kg	11/03/25 16:13	PB170342
98-95-3	Nitrobenzene	24.3	U	1	24.3	230	ug/Kg	11/03/25 16:13	PB170342
78-59-1	Isophorone	43.5	U	1	43.5	230	ug/Kg	11/03/25 16:13	PB170342
88-75-5	2-Nitrophenol	77.3	U	1	77.3	230	ug/Kg	11/03/25 16:13	PB170342
105-67-9	2,4-Dimethylphenol	86.0	U	1	86.0	230	ug/Kg	11/03/25 16:13	PB170342
111-91-1	bis(2-Chloroethoxy)methane	40.9	U	1	40.9	230	ug/Kg	11/03/25 16:13	PB170342
120-83-2	2,4-Dichlorophenol	37.6	U	1	37.6	230	ug/Kg	11/03/25 16:13	PB170342
91-20-3	Naphthalene	30.1	U	1	30.1	230	ug/Kg	11/03/25 16:13	PB170342
106-47-8	4-Chloroaniline	47.0	U	1	47.0	230	ug/Kg	11/03/25 16:13	PB170342
87-68-3	Hexachlorobutadiene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
105-60-2	Caprolactam	69.2	U	1	69.2	440	ug/Kg	11/03/25 16:13	PB170342
59-50-7	4-Chloro-3-methylphenol	38.1	U	1	38.1	230	ug/Kg	11/03/25 16:13	PB170342
91-57-6	2-Methylnaphthalene	34.0	U	1	34.0	230	ug/Kg	11/03/25 16:13	PB170342
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	440	ug/Kg	11/03/25 16:13	PB170342
88-06-2	2,4,6-Trichlorophenol	26.3	U	1	26.3	230	ug/Kg	11/03/25 16:13	PB170342
95-95-4	2,4,5-Trichlorophenol	38.6	U	1	38.6	230	ug/Kg	11/03/25 16:13	PB170342
92-52-4	1,1-Biphenyl	28.9	U	1	28.9	230	ug/Kg	11/03/25 16:13	PB170342
91-58-7	2-Chloronaphthalene	29.9	U	1	29.9	230	ug/Kg	11/03/25 16:13	PB170342
88-74-4	2-Nitroaniline	63.9	U	1	63.9	230	ug/Kg	11/03/25 16:13	PB170342
131-11-3	Dimethylphthalate	36.0	U	1	36.0	230	ug/Kg	11/03/25 16:13	PB170342
208-96-8	Acenaphthylene	38.4	U	1	38.4	230	ug/Kg	11/03/25 16:13	PB170342
606-20-2	2,6-Dinitrotoluene	44.6	U	1	44.6	230	ug/Kg	11/03/25 16:13	PB170342
99-09-2	3-Nitroaniline	61.1	U	1	61.1	230	ug/Kg	11/03/25 16:13	PB170342
83-32-9	Acenaphthene	28.3	U	1	28.3	230	ug/Kg	11/03/25 16:13	PB170342
51-28-5	2,4-Dinitrophenol	300	U	1	300	440	ug/Kg	11/03/25 16:13	PB170342
100-02-7	4-Nitrophenol	140	U	1	140	440	ug/Kg	11/03/25 16:13	PB170342
132-64-9	Dibenzofuran	30.1	U	1	30.1	230	ug/Kg	11/03/25 16:13	PB170342
121-14-2	2,4-Dinitrotoluene	66.5	U	1	66.5	230	ug/Kg	11/03/25 16:13	PB170342
84-66-2	Diethylphthalate	37.6	U	1	37.6	230	ug/Kg	11/03/25 16:13	PB170342
7005-72-3	4-Chlorophenyl-phenylether	35.4	U	1	35.4	230	ug/Kg	11/03/25 16:13	PB170342
86-73-7	Fluorene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
100-01-6	4-Nitroaniline	85.2	U	1	85.2	230	ug/Kg	11/03/25 16:13	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	440	ug/Kg	11/03/25 16:13	PB170342

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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2			SDG No.:	Q3495
Lab Sample ID:	Q3495-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7	U	1	43.7	230	ug/Kg	11/03/25 16:13	PB170342
101-55-3	4-Bromophenyl-phenylether	36.9	U	1	36.9	230	ug/Kg	11/03/25 16:13	PB170342
118-74-1	Hexachlorobenzene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
1912-24-9	Atrazine	45.1	U	1	45.1	230	ug/Kg	11/03/25 16:13	PB170342
87-86-5	Pentachlorophenol	68.1	U	1	68.1	440	ug/Kg	11/03/25 16:13	PB170342
85-01-8	Phenanthrene	27.7	U	1	27.7	230	ug/Kg	11/03/25 16:13	PB170342
120-12-7	Anthracene	44.2	U	1	44.2	230	ug/Kg	11/03/25 16:13	PB170342
86-74-8	Carbazole	41.4	U	1	41.4	230	ug/Kg	11/03/25 16:13	PB170342
84-74-2	Di-n-butylphthalate	63.6	U	1	63.6	230	ug/Kg	11/03/25 16:13	PB170342
206-44-0	Fluoranthene	39.8	U	1	39.8	230	ug/Kg	11/03/25 16:13	PB170342
129-00-0	Pyrene	47.8	U	1	47.8	230	ug/Kg	11/03/25 16:13	PB170342
85-68-7	Butylbenzylphthalate	94.8	U	1	94.8	230	ug/Kg	11/03/25 16:13	PB170342
91-94-1	3,3-Dichlorobenzidine	48.7	U	1	48.7	440	ug/Kg	11/03/25 16:13	PB170342
56-55-3	Benzo(a)anthracene	30.5	U	1	30.5	230	ug/Kg	11/03/25 16:13	PB170342
218-01-9	Chrysene	26.4	U	1	26.4	230	ug/Kg	11/03/25 16:13	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	1	78.6	230	ug/Kg	11/03/25 16:13	PB170342
117-84-0	Di-n-octyl phthalate	120	U	1	120	440	ug/Kg	11/03/25 16:13	PB170342
205-99-2	Benzo(b)fluoranthene	25.2	U	1	25.2	230	ug/Kg	11/03/25 16:13	PB170342
207-08-9	Benzo(k)fluoranthene	29.7	U	1	29.7	230	ug/Kg	11/03/25 16:13	PB170342
50-32-8	Benzo(a)pyrene	39.2	U	1	39.2	230	ug/Kg	11/03/25 16:13	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	38.6	U	1	38.6	230	ug/Kg	11/03/25 16:13	PB170342
53-70-3	Dibenzo(a,h)anthracene	36.4	U	1	36.4	230	ug/Kg	11/03/25 16:13	PB170342
191-24-2	Benzo(g,h,i)perylene	34.1	U	1	34.1	230	ug/Kg	11/03/25 16:13	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	34.0	U	1	34.0	230	ug/Kg	11/03/25 16:13	PB170342
123-91-1	1,4-Dioxane	60.0	U	1	60.0	230	ug/Kg	11/03/25 16:13	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	36.4	U	1	36.4	230	ug/Kg	11/03/25 16:13	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	74.1			18 - 112	49%	SPK: 150		
13127-88-3	Phenol-d6	74.6			15 - 107	50%	SPK: 150		
4165-60-0	Nitrobenzene-d5	50.9			18 - 107	51%	SPK: 100		
321-60-8	2-Fluorobiphenyl	44.6			20 - 109	45%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	85.3			10 - 116	57%	SPK: 150		
1718-51-0	Terphenyl-d14	44.5			10 - 105	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	336000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	821000							
1517-22-2	Phenanthrene-d10	1670000							
1719-03-5	Chrysene-d12	1800000							
1520-96-3	Perylene-d12	2050000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	320	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	640	J			18.1	ug/Kg		

Raw Data: **BP026060.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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2			SDG No.:	Q3495
Lab Sample ID:	Q3495-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	220	J			19.4	ug/Kg		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	99.6	J			19.7	ug/Kg		
015594-90-8	1-Heneicosanol	170	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

Raw Data: **BG064662.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	10/31/25 18:57	PB170346
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/31/25 18:57	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/31/25 18:57	PB170346
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/31/25 18:57	PB170346
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/31/25 18:57	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/31/25 18:57	PB170346
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	10/31/25 18:57	PB170346
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/31/25 18:57	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	10/31/25 18:57	PB170346
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/31/25 18:57	PB170346
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/31/25 18:57	PB170346
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/31/25 18:57	PB170346
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/31/25 18:57	PB170346
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/31/25 18:57	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/31/25 18:57	PB170346
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	10/31/25 18:57	PB170346
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/31/25 18:57	PB170346
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	10/31/25 18:57	PB170346
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/31/25 18:57	PB170346
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	10/31/25 18:57	PB170346
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	10/31/25 18:57	PB170346
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/31/25 18:57	PB170346
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/31/25 18:57	PB170346
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	10/31/25 18:57	PB170346
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	10/31/25 18:57	PB170346
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/31/25 18:57	PB170346
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/31/25 18:57	PB170346
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	10/31/25 18:57	PB170346
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/31/25 18:57	PB170346
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/31/25 18:57	PB170346
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/31/25 18:57	PB170346
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/31/25 18:57	PB170346
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/31/25 18:57	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/31/25 18:57	PB170346
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/31/25 18:57	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	10/31/25 18:57	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/31/25 18:57	PB170346

Raw Data: **BG064662.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/31/25 18:57	PB170346
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/31/25 18:57	PB170346
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	10/31/25 18:57	PB170346
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/31/25 18:57	PB170346
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	10/31/25 18:57	PB170346
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/31/25 18:57	PB170346
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/31/25 18:57	PB170346
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	10/31/25 18:57	PB170346
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/31/25 18:57	PB170346
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/31/25 18:57	PB170346
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/31/25 18:57	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/31/25 18:57	PB170346
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/31/25 18:57	PB170346
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/31/25 18:57	PB170346
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/31/25 18:57	PB170346
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/31/25 18:57	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/31/25 18:57	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/31/25 18:57	PB170346
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/31/25 18:57	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	10/31/25 18:57	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	10/31/25 18:57	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	59.4			23 - 138	40%	SPK: 150		
13127-88-3	Phenol-d6	40.9			10 - 134	27%	SPK: 150		
4165-60-0	Nitrobenzene-d5	91.6			67 - 132	92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.6			52 - 132	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	160			44 - 137	106%	SPK: 150		
1718-51-0	Terphenyl-d14	91.0			42 - 152	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	37800							
1146-65-2	Naphthalene-d8	155000							
15067-26-2	Acenaphthene-d10	121000							
1517-22-2	Phenanthrene-d10	273000							
1719-03-5	Chrysene-d12	293000							
1520-96-3	Perylene-d12	322000							

Raw Data: **BG064662.D**

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	TW-1025-1			SDG No.:	Q3495
Lab Sample ID:	Q3495-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170342BL	PB170342BL	2-Fluorophenol	150	127	85		18	112
		Phenol-d6	150	122	81		15	107
		Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	82.9	83		20	109
		2,4,6-Tribromophenol	150	127	85		10	116
		Terphenyl-d14	100	85.3	85		10	105
PB170342BS	PB170342BS	2-Fluorophenol	150	121	80		18	112
		Phenol-d6	150	121	81		15	107
		Nitrobenzene-d5	100	79.2	79		18	107
		2-Fluorobiphenyl	100	76.7	77		20	109
		2,4,6-Tribromophenol	150	127	85		10	116
		Terphenyl-d14	100	80.8	81		10	105
Q3495-02	SB-1025-2	2-Fluorophenol	150	74.1	49		18	112
		Phenol-d6	150	74.6	50		15	107
		Nitrobenzene-d5	100	50.9	51		18	107
		2-Fluorobiphenyl	100	44.6	45		20	109
		2,4,6-Tribromophenol	150	85.3	57		10	116
		Terphenyl-d14	100	44.5	44		10	105
Q3495-02MS	SB-1025-2MS	2-Fluorophenol	150	74.1	49		18	112
		Phenol-d6	150	74.0	49		15	107
		Nitrobenzene-d5	100	49.0	49		18	107
		2-Fluorobiphenyl	100	43.1	43		20	109
		2,4,6-Tribromophenol	150	81.1	54		10	116
		Terphenyl-d14	100	43.2	43		10	105
Q3495-02MSD	SB-1025-2MSD	2-Fluorophenol	150	66.9	45		18	112
		Phenol-d6	150	67.0	45		15	107
		Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	40.7	41		20	109
		2,4,6-Tribromophenol	150	75.4	50		10	116
		Terphenyl-d14	100	42.9	43		10	105

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Surrogate Summary

SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170346BL	PB170346BL	2-Fluorophenol	150	128	85		23	138
		Phenol-d6	150	122	81		10	134
		Nitrobenzene-d5	100	85.9	86		67	132
		2-Fluorobiphenyl	100	83.0	83		52	132
		2,4,6-Tribromophenol	150	129	86		44	137
		Terphenyl-d14	100	87.1	87		42	152
PB170346BS	PB170346BS	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	118	79		10	134
		Nitrobenzene-d5	100	79.6	80		67	132
		2-Fluorobiphenyl	100	74.9	75		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	77.6	78		42	152
PB170346BSD	PB170346BSD	2-Fluorophenol	150	121	81		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	80.8	81		67	132
		2-Fluorobiphenyl	100	74.0	74		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	79.6	80		42	152
Q3495-03	TW-1025-1	2-Fluorophenol	150	59.4	40		23	138
		Phenol-d6	150	40.9	27		10	134
		Nitrobenzene-d5	100	91.6	92		67	132
		2-Fluorobiphenyl	100	85.6	86		52	132
		2,4,6-Tribromophenol	150	160	106		44	137
		Terphenyl-d14	100	91.0	91		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MS		**Client Sample ID: SB-1025-2MS**									
Benzaldehyde	2200	0	2000	ug/Kg	91				10	171	
Phenol	2200	0	2100	ug/Kg	95				51	122	
bis(2-Chloroethyl)ether	2200	0	2000	ug/Kg	91				54	125	
2-Chlorophenol	2200	0	2200	ug/Kg	100				51	121	
2-Methylphenol	2200	0	2100	ug/Kg	95				47	125	
2,2-oxybis(1-Chloropropane)	2200	0	1800	ug/Kg	82				46	119	
Acetophenone	2200	0	2000	ug/Kg	91				55	128	
3+4-Methylphenols	2200	0	2100	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	2200	0	2000	ug/Kg	91				59	119	
Hexachloroethane	2200	0	2100	ug/Kg	95				51	116	
Nitrobenzene	2200	0	2100	ug/Kg	95				47	124	
Isophorone	2200	0	2000	ug/Kg	91				49	127	
2-Nitrophenol	2200	0	2800	ug/Kg	127				43	131	
2,4-Dimethylphenol	2200	0	2400	ug/Kg	109				63	151	
bis(2-Chloroethoxy)methane	2200	0	2000	ug/Kg	91				51	119	
2,4-Dichlorophenol	2200	0	2200	ug/Kg	100				50	122	
Naphthalene	2200	0	2000	ug/Kg	91				51	121	
4-Chloroaniline	2200	0	740	ug/Kg	34				10	100	
Hexachlorobutadiene	2200	0	2000	ug/Kg	91				44	126	
Caprolactam	2200	0	2200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	2200	0	2200	ug/Kg	100				57	132	
2-Methylnaphthalene	2200	0	1800	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	4400	0	6300	ug/Kg	143				10	175	
2,4,6-Trichlorophenol	2200	0	2400	ug/Kg	109				33	141	
2,4,5-Trichlorophenol	2200	0	2300	ug/Kg	105				38	135	
1,1-Biphenyl	2200	0	2000	ug/Kg	91				55	131	
2-Chloronaphthalene	2200	0	2000	ug/Kg	91				48	124	
2-Nitroaniline	2200	0	2200	ug/Kg	100				47	134	
Dimethylphthalate	2200	0	2100	ug/Kg	95				54	120	
Acenaphthylene	2200	0	2300	ug/Kg	105				57	125	
2,6-Dinitrotoluene	2200	0	2300	ug/Kg	105				48	127	
3-Nitroaniline	2200	0	1400	ug/Kg	64				10	112	
Acenaphthene	2200	0	1900	ug/Kg	86				70	121	
2,4-Dinitrophenol	4400	0	4600	ug/Kg	105				10	155	
4-Nitrophenol	4400	0	4700	ug/Kg	107				10	175	
Dibenzofuran	2200	0	2000	ug/Kg	91				52	114	
2,4-Dinitrotoluene	2200	0	2200	ug/Kg	100				41	140	
Diethylphthalate	2200	0	2100	ug/Kg	95				51	119	
4-Chlorophenyl-phenylether	2200	0	2000	ug/Kg	91				48	122	
Fluorene	2200	0	2000	ug/Kg	91				53	118	
4-Nitroaniline	2200	0	2300	ug/Kg	105				29	140	
4,6-Dinitro-2-methylphenol	2200	0	2600	ug/Kg	118				10	160	
N-Nitrosodiphenylamine	2200	0	2100	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	2200	0	2100	ug/Kg	95				65	121	
Hexachlorobenzene	2200	0	2100	ug/Kg	95				67	118	
Atrazine	2200	0	2400	ug/Kg	109				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4400	0	5000	ug/Kg	114				13	153	
Phenanthrene	2200	0	2000	ug/Kg	91				52	128	
Anthracene	2200	0	2100	ug/Kg	95				62	124	
Carbazole	2200	0	2200	ug/Kg	100				59	119	
Di-n-butylphthalate	2200	0	2300	ug/Kg	105				55	125	
Fluoranthene	2200	0	2100	ug/Kg	95				44	125	
Pyrene	2200	0	1900	ug/Kg	86				37	122	
Butylbenzylphthalate	2200	0	2400	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	2200	0	1900	ug/Kg	86				15	112	
Benzo(a)anthracene	2200	0	2100	ug/Kg	95				53	119	
Chrysene	2200	0	2100	ug/Kg	95				57	121	
bis(2-Ethylhexyl)phthalate	2200	120	2300	ug/Kg	99				42	169	
Di-n-octyl phthalate	2200	0	2800	ug/Kg	127				51	156	
Benzo(b)fluoranthene	2200	0	2100	ug/Kg	95				52	117	
Benzo(k)fluoranthene	2200	0	2100	ug/Kg	95				57	134	
Benzo(a)pyrene	2200	0	2200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	2200	0	2200	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	2200	0	2200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	2200	0	2200	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	2200	0	2000	ug/Kg	91				52	134	
1,4-Dioxane	2200	0	1900	ug/Kg	86				46	112	
2,3,4,6-Tetrachlorophenol	2200	0	2600	ug/Kg	118				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MSD		**Client Sample ID: SB-1025-2MSD**									
Benzaldehyde	2200	0	1800	ug/Kg	82		10		10	171	20
Phenol	2200	0	1900	ug/Kg	86		10		51	122	20
bis(2-Chloroethyl)ether	2200	0	1800	ug/Kg	82		10		54	125	20
2-Chlorophenol	2200	0	2000	ug/Kg	91		9		51	121	20
2-Methylphenol	2200	0	1900	ug/Kg	86		10		47	125	20
2,2-oxybis(1-Chloropropane)	2200	0	1700	ug/Kg	77		6		46	119	20
Acetophenone	2200	0	1900	ug/Kg	86		6		55	128	20
3+4-Methylphenols	2200	0	1900	ug/Kg	86		10		49	125	20
N-Nitroso-di-n-propylamine	2200	0	1800	ug/Kg	82		10		59	119	20
Hexachloroethane	2200	0	1900	ug/Kg	86		10		51	116	20
Nitrobenzene	2200	0	1900	ug/Kg	86		10		47	124	20
Isophorone	2200	0	1900	ug/Kg	86		6		49	127	20
2-Nitrophenol	2200	0	2700	ug/Kg	123		3		43	131	20
2,4-Dimethylphenol	2200	0	2200	ug/Kg	100		9		63	151	20
bis(2-Chloroethoxy)methane	2200	0	1900	ug/Kg	86		6		51	119	20
2,4-Dichlorophenol	2200	0	2100	ug/Kg	95		5		50	122	20
Naphthalene	2200	0	1900	ug/Kg	86		6		51	121	20
4-Chloroaniline	2200	0	810	ug/Kg	37		8		10	100	20
Hexachlorobutadiene	2200	0	1900	ug/Kg	86		6		44	126	20
Caprolactam	2200	0	2100	ug/Kg	95		5		51	134	20
4-Chloro-3-methylphenol	2200	0	2100	ug/Kg	95		5		57	132	20
2-Methylnaphthalene	2200	0	1700	ug/Kg	77		6		59	123	20
Hexachlorocyclopentadiene	4400	0	5800	ug/Kg	132		8		10	175	20
2,4,6-Trichlorophenol	2200	0	2300	ug/Kg	105		4		33	141	20
2,4,5-Trichlorophenol	2200	0	2100	ug/Kg	95		10		38	135	20
1,1-Biphenyl	2200	0	1900	ug/Kg	86		6		55	131	20
2-Chloronaphthalene	2200	0	1900	ug/Kg	86		6		48	124	20
2-Nitroaniline	2200	0	2100	ug/Kg	95		5		47	134	20
Dimethylphthalate	2200	0	1900	ug/Kg	86		10		54	120	20
Acenaphthylene	2200	0	2200	ug/Kg	100		5		57	125	20
2,6-Dinitrotoluene	2200	0	2200	ug/Kg	100		5		48	127	20
3-Nitroaniline	2200	0	1300	ug/Kg	59		8		10	112	20
Acenaphthene	2200	0	1800	ug/Kg	82		5		70	121	20
2,4-Dinitrophenol	4400	0	4400	ug/Kg	100		5		10	155	20
4-Nitrophenol	4400	0	4300	ug/Kg	98		9		10	175	20
Dibenzofuran	2200	0	1900	ug/Kg	86		6		52	114	20
2,4-Dinitrotoluene	2200	0	2100	ug/Kg	95		5		41	140	20
Diethylphthalate	2200	0	2000	ug/Kg	91		4		51	119	20
4-Chlorophenyl-phenylether	2200	0	1900	ug/Kg	86		6		48	122	20
Fluorene	2200	0	1900	ug/Kg	86		6		53	118	20
4-Nitroaniline	2200	0	2100	ug/Kg	95		10		29	140	20
4,6-Dinitro-2-methylphenol	2200	0	2500	ug/Kg	114		3		10	160	20
N-Nitrosodiphenylamine	2200	0	1900	ug/Kg	86		10		73	118	20
4-Bromophenyl-phenylether	2200	0	1900	ug/Kg	86		10		65	121	20
Hexachlorobenzene	2200	0	1900	ug/Kg	86		10		67	118	20
Atrazine	2200	0	2200	ug/Kg	100		9		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4400	0	4500	ug/Kg	102		11		13	153	20
Phenanthrene	2200	0	1900	ug/Kg	86		6		52	128	20
Anthracene	2200	0	1900	ug/Kg	86		10		62	124	20
Carbazole	2200	0	1900	ug/Kg	86		15		59	119	20
Di-n-butylphthalate	2200	0	2100	ug/Kg	95		10		55	125	20
Fluoranthene	2200	0	1900	ug/Kg	86		10		44	125	20
Pyrene	2200	0	2000	ug/Kg	91		6		37	122	20
Butylbenzylphthalate	2200	0	2300	ug/Kg	105		4		44	135	20
3,3-Dichlorobenzidine	2200	0	1600	ug/Kg	73		16		15	112	20
Benzo(a)anthracene	2200	0	1900	ug/Kg	86		10		53	119	20
Chrysene	2200	0	1900	ug/Kg	86		10		57	121	20
bis(2-Ethylhexyl)phthalate	2200	120	2100	ug/Kg	90		10		42	169	20
Di-n-octyl phthalate	2200	0	2500	ug/Kg	114		11		51	156	20
Benzo(b)fluoranthene	2200	0	1900	ug/Kg	86		10		52	117	20
Benzo(k)fluoranthene	2200	0	1900	ug/Kg	86		10		57	134	20
Benzo(a)pyrene	2200	0	2100	ug/Kg	95		5		70	142	20
Indeno(1,2,3-cd)pyrene	2200	0	2000	ug/Kg	91		9		40	129	20
Dibenz(a,h)anthracene	2200	0	2000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	2200	0	2100	ug/Kg	95		5		24	125	20
1,2,4,5-Tetrachlorobenzene	2200	0	1800	ug/Kg	82		10		52	134	20
1,4-Dioxane	2200	0	1600	ug/Kg	73		16		46	112	20
2,3,4,6-Tetrachlorophenol	2200	0	2400	ug/Kg	109		8		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170342BS	Benzaldehyde	1700	980	ug/Kg	58				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	790	ug/Kg	46				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170342BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BS	Benzaldehyde	50	31.5	ug/L	63				10	162	
	Phenol	50	41.9	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	39.3	ug/L	79				62	103	
	2-Chlorophenol	50	42.8	ug/L	86				70	117	
	2-Methylphenol	50	42.7	ug/L	85				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.2	ug/L	78				65	100	
	Acetophenone	50	45.3	ug/L	91				60	104	
	3+4-Methylphenols	50	41.8	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50	40.4	ug/L	81				57	107	
	Hexachloroethane	50	39.8	ug/L	80				76	118	
	Nitrobenzene	50	42.1	ug/L	84				58	106	
	Isophorone	50	41.2	ug/L	82				61	102	
	2-Nitrophenol	50	46.6	ug/L	93				70	115	
	2,4-Dimethylphenol	50	47.9	ug/L	96				42	142	
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83				58	109	
	2,4-Dichlorophenol	50	44.5	ug/L	89				66	115	
	Naphthalene	50	40.0	ug/L	80				64	107	
	4-Chloroaniline	50	26.1	ug/L	52				10	85	
	Hexachlorobutadiene	50	39.5	ug/L	79				69	101	
	Caprolactam	50	42.6	ug/L	85				58	128	
	4-Chloro-3-methylphenol	50	45.1	ug/L	90				65	114	
	2-Methylnaphthalene	50	36.6	ug/L	73				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	46.0	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	45.3	ug/L	91				70	106	
	1,1-Biphenyl	50	45.1	ug/L	90				72	98	
	2-Chloronaphthalene	50	40.1	ug/L	80				59	106	
	2-Nitroaniline	50	43.1	ug/L	86				73	114	
	Dimethylphthalate	50	42.3	ug/L	85				64	103	
	Acenaphthylene	50	47.6	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	46.9	ug/L	94				64	110	
	3-Nitroaniline	50	33.5	ug/L	67				28	100	
	Acenaphthene	50	44.6	ug/L	89				59	113	
	2,4-Dinitrophenol	100	89.4	ug/L	89				36	166	
	4-Nitrophenol	100	86.1	ug/L	86				45	147	
	Dibenzofuran	50	41.0	ug/L	82				65	106	
	2,4-Dinitrotoluene	50	45.6	ug/L	91				60	115	
	Diethylphthalate	50	42.3	ug/L	85				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	41.1	ug/L	82				64	107	
	4-Nitroaniline	50	46.1	ug/L	92				55	125	
	4,6-Dinitro-2-methylphenol	50	50.3	ug/L	101				62	132	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	42.6	ug/L	85				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BS	Hexachlorobenzene	50	41.5	ug/L	83				73	106	
	Atrazine	50	46.3	ug/L	93				76	120	
	Pentachlorophenol	100	90.1	ug/L	90				47	114	
	Phenanthrene	50	41.4	ug/L	83				62	109	
	Anthracene	50	42.7	ug/L	85				65	110	
	Carbazole	50	43.3	ug/L	87				62	106	
	Di-n-butylphthalate	50	44.2	ug/L	88				64	106	
	Fluoranthene	50	41.4	ug/L	83				64	110	
	Pyrene	50	42.2	ug/L	84				71	103	
	Butylbenzylphthalate	50	45.0	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50	33.1	ug/L	66				43	108	
	Benzo(a)anthracene	50	42.1	ug/L	84				62	107	
	Chrysene	50	41.3	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.6	ug/L	85				59	110	
	Di-n-octyl phthalate	50	48.0	ug/L	96				52	139	
	Benzo(b)fluoranthene	50	43.6	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	43.6	ug/L	87				77	105	
	Benzo(a)pyrene	50	45.8	ug/L	92				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.0	ug/L	88				72	105	
	Dibenz(a,h)anthracene	50	44.6	ug/L	89				78	115	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				72	101	
	1,4-Dioxane	50	33.2	ug/L	66				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.6	ug/L	97				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BSD	Benzaldehyde	50	31.6	ug/L	63	0			10	162	20
	Phenol	50	42.8	ug/L	86	2			66	118	20
	bis(2-Chloroethyl)ether	50	39.6	ug/L	79	1			62	103	20
	2-Chlorophenol	50	44.1	ug/L	88	3			70	117	20
	2-Methylphenol	50	44.1	ug/L	88	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	40.0	ug/L	80	2			65	100	20
	Acetophenone	50	44.9	ug/L	90	1			60	104	20
	3+4-Methylphenols	50	43.3	ug/L	87	4			67	106	20
	N-Nitroso-di-n-propylamine	50	42.1	ug/L	84	4			57	107	20
	Hexachloroethane	50	41.1	ug/L	82	3			76	118	20
	Nitrobenzene	50	42.5	ug/L	85	1			58	106	20
	Isophorone	50	41.5	ug/L	83	1			61	102	20
	2-Nitrophenol	50	49.3	ug/L	99	6			70	115	20
	2,4-Dimethylphenol	50	48.0	ug/L	96	0			42	142	20
	bis(2-Chloroethoxy)methane	50	41.9	ug/L	84	1			58	109	20
	2,4-Dichlorophenol	50	45.0	ug/L	90	1			66	115	20
	Naphthalene	50	40.3	ug/L	81	1			64	107	20
	4-Chloroaniline	50	25.1	ug/L	50	4			10	85	20
	Hexachlorobutadiene	50	39.7	ug/L	79	1			69	101	20
	Caprolactam	50	43.5	ug/L	87	2			58	128	20
	4-Chloro-3-methylphenol	50	45.8	ug/L	92	2			65	114	20
	2-Methylnaphthalene	50	37.4	ug/L	75	2			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	9			36	160	20
	2,4,6-Trichlorophenol	50	46.7	ug/L	93	2			61	110	20
	2,4,5-Trichlorophenol	50	46.0	ug/L	92	2			70	106	20
	1,1-Biphenyl	50	45.4	ug/L	91	1			72	98	20
	2-Chloronaphthalene	50	40.6	ug/L	81	1			59	106	20
	2-Nitroaniline	50	44.1	ug/L	88	2			73	114	20
	Dimethylphthalate	50	42.9	ug/L	86	1			64	103	20
	Acenaphthylene	50	47.2	ug/L	94	1			79	103	20
	2,6-Dinitrotoluene	50	47.3	ug/L	95	1			64	110	20
	3-Nitroaniline	50	33.4	ug/L	67	0			28	100	20
	Acenaphthene	50	39.6	ug/L	79	12			59	113	20
	2,4-Dinitrophenol	100	90.8	ug/L	91	2			36	166	20
	4-Nitrophenol	100	87.5	ug/L	88	2			45	147	20
	Dibenzofuran	50	40.3	ug/L	81	2			65	106	20
	2,4-Dinitrotoluene	50	46.2	ug/L	92	1			60	115	20
	Diethylphthalate	50	43.1	ug/L	86	2			63	105	20
	4-Chlorophenyl-phenylether	50	39.6	ug/L	79	1			61	104	20
	Fluorene	50	40.9	ug/L	82	0			64	107	20
	4-Nitroaniline	50	44.9	ug/L	90	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	50.6	ug/L	101	1			62	132	20
	N-Nitrosodiphenylamine	50	43.3	ug/L	87	0			61	109	20
	4-Bromophenyl-phenylether	50	42.0	ug/L	84	1			73	103	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BSD	Hexachlorobenzene	50	41.0	ug/L	82	1			73	106	20
	Atrazine	50	46.9	ug/L	94	1			76	120	20
	Pentachlorophenol	100	90.6	ug/L	91	1			47	114	20
	Phenanthrene	50	40.5	ug/L	81	2			62	109	20
	Anthracene	50	42.3	ug/L	85	1			65	110	20
	Carbazole	50	42.4	ug/L	85	2			62	106	20
	Di-n-butylphthalate	50	44.5	ug/L	89	1			64	106	20
	Fluoranthene	50	41.0	ug/L	82	1			64	110	20
	Pyrene	50	42.8	ug/L	86	1			71	103	20
	Butylbenzylphthalate	50	46.8	ug/L	94	4			61	105	20
	3,3-Dichlorobenzidine	50	34.8	ug/L	70	5			43	108	20
	Benzo(a)anthracene	50	42.2	ug/L	84	0			62	107	20
	Chrysene	50	42.1	ug/L	84	2			61	108	20
	bis(2-Ethylhexyl)phthalate	50	46.0	ug/L	92	8			59	110	20
	Di-n-octyl phthalate	50	51.0	ug/L	102	6			52	139	20
	Benzo(b)fluoranthene	50	43.8	ug/L	88	0			77	113	20
	Benzo(k)fluoranthene	50	44.1	ug/L	88	1			77	105	20
	Benzo(a)pyrene	50	46.2	ug/L	92	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	44.4	ug/L	89	1			72	105	20
	Dibenz(a,h)anthracene	50	45.0	ug/L	90	1			78	115	20
	Benzo(g,h,i)perylene	50	45.8	ug/L	92	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.6	ug/L	87	1			72	101	20
	1,4-Dioxane	50	32.4	ug/L	65	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	49.2	ug/L	98	1			63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170342BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BP026054.D | Lab Sample ID: PB170342BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 11:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170342BS	PB170342BS	BP026055.D	11/03/2025
SB-1025-2	Q3495-02	BP026060.D	11/03/2025
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170346BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BP026056.D | Lab Sample ID: PB170346BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) Water | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 13:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170346BS	PB170346BS	BP026057.D	11/03/2025
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025
TW-1025-1	Q3495-03	BG064662.D	10/31/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 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	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	86.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18.9) 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	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BG064653.D | DFTPP Injection Date: 10/31/2025

Instrument ID: BNA_G | DFTPP Injection Time: 12:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	81
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064654.D	10/31/2025	13:24
TW-1025-1	Q3495-03	BG064662.D	10/31/2025	18:57

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

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	100
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	79.9
442	Greater than 50% of mass 198	100
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.: Q3495

Lab File ID: BP026052.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

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	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.5
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	3.3
441	Present, but less than mass 443	80.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.1 (19.6) 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	BP026053.D	11/03/2025	11:06
PB170342BL	PB170342BL	BP026054.D	11/03/2025	11:47
PB170342BS	PB170342BS	BP026055.D	11/03/2025	12:29
PB170346BL	PB170346BL	BP026056.D	11/03/2025	13:21
PB170346BS	PB170346BS	BP026057.D	11/03/2025	14:03
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025	14:44
SB-1025-2	Q3495-02	BP026060.D	11/03/2025	16:13
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025	16:54
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025	17:35

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	29760	8.216	121809	11.04	99146	14.84
	UPPER LIMIT	59520	8.716	243618	11.542	198292	15.338
	LOWER LIMIT	14880	7.716	60904.5	10.542	49573	14.338
	EPA SAMPLE NO.						
01	TW-1025-1	37784	8.22	154992	11.04	121331	14.84

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.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	255812	17.576	303338	21.853	334065	25.196
	UPPER LIMIT	511624	18.076	606676	22.353	668130	25.696
	LOWER LIMIT	127906	17.076	151669	21.353	167033	24.696
	EPA SAMPLE NO.						
01	TW-1025-1	273070	17.58	293377	21.85	322218	25.20

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.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

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	297452	7.649	1230690	10.43	771148	14.30
	UPPER LIMIT	594904	8.149	2461380	10.925	1542300	14.801
	LOWER LIMIT	148726	7.149	615345	9.925	385574	13.801
	EPA SAMPLE NO.						
01	PB170342BL	336600	7.68	1298620	10.45	793578	14.31
02	PB170342BS	329449	7.68	1315440	10.45	832110	14.32
03	PB170346BL	300167	7.65	1149840	10.43	696390	14.31
04	PB170346BS	413469	7.68	1637380	10.45	1028880	14.31
05	PB170346BSD	395071	7.68	1598020	10.45	1009230	14.31
06	SB-1025-2	335609	7.68	1339600	10.46	820932	14.33
07	SB-1025-2MS	230344	7.68	913499	10.45	573692	14.32
08	SB-1025-2MSD	345956	7.68	1339140	10.45	838184	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.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

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	1552560	17.125	1613820	21.572	1763250	24.877
	UPPER LIMIT	3105120	17.625	3227640	22.072	3526500	25.377
	LOWER LIMIT	776280	16.625	806910	21.072	881625	24.377
	EPA SAMPLE NO.						
01	PB170342BL	1683390	17.12	1852670	21.56	2010350	24.88
02	PB170342BS	1709090	17.12	1770070	21.57	1828890	24.88
03	PB170346BL	1482450	17.11	1619680	21.58	1773680	24.90
04	PB170346BS	2027300	17.13	2076510	21.57	2253080	24.90
05	PB170346BSD	2008990	17.12	2004620	21.58	2129530	24.90
06	SB-1025-2	1674460	17.13	1797770	21.57	2045800	24.90
07	SB-1025-2MS	1154140	17.13	1320580	21.58	1554010	24.89
08	SB-1025-2MSD	1700830	17.13	1741310	21.58	1964580	24.90

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: **BP026054.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:	Maclearie Park	Date Received:	
Client Sample ID:	PB170342BL	SDG No.:	Q3495
Lab Sample ID:	PB170342BL	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: 10/31/25		

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	11/03/25 11:47	PB170342
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/03/25 11:47	PB170342
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/03/25 11:47	PB170342
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/03/25 11:47	PB170342
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/03/25 11:47	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/03/25 11:47	PB170342
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/03/25 11:47	PB170342
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/03/25 11:47	PB170342
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/03/25 11:47	PB170342
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/03/25 11:47	PB170342
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/03/25 11:47	PB170342
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/03/25 11:47	PB170342
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/03/25 11:47	PB170342
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/03/25 11:47	PB170342
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/03/25 11:47	PB170342
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/03/25 11:47	PB170342
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/03/25 11:47	PB170342
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/03/25 11:47	PB170342
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/03/25 11:47	PB170342
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/03/25 11:47	PB170342
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/03/25 11:47	PB170342
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/03/25 11:47	PB170342
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/03/25 11:47	PB170342
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/03/25 11:47	PB170342
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/03/25 11:47	PB170342
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/03/25 11:47	PB170342
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/03/25 11:47	PB170342
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/03/25 11:47	PB170342
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/03/25 11:47	PB170342
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/03/25 11:47	PB170342
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/03/25 11:47	PB170342
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/03/25 11:47	PB170342
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/03/25 11:47	PB170342
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/03/25 11:47	PB170342
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/03/25 11:47	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/03/25 11:47	PB170342

Raw Data: **BP026054.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			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:	10/31/25		

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	11/03/25 11:47	PB170342
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/03/25 11:47	PB170342
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/03/25 11:47	PB170342
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/03/25 11:47	PB170342
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/03/25 11:47	PB170342
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/03/25 11:47	PB170342
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/03/25 11:47	PB170342
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/03/25 11:47	PB170342
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/03/25 11:47	PB170342
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/03/25 11:47	PB170342
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/03/25 11:47	PB170342
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/03/25 11:47	PB170342
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/03/25 11:47	PB170342
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/03/25 11:47	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/03/25 11:47	PB170342
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/03/25 11:47	PB170342
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/03/25 11:47	PB170342
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/03/25 11:47	PB170342
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/03/25 11:47	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/03/25 11:47	PB170342
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/03/25 11:47	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	127			18 - 112	85%	SPK: 150		
13127-88-3	Phenol-d6	122			15 - 107	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.9			20 - 109	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	127			10 - 116	85%	SPK: 150		
1718-51-0	Terphenyl-d14	85.3			10 - 105	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	337000							
1146-65-2	Naphthalene-d8	1300000							
15067-26-2	Acenaphthene-d10	794000							
1517-22-2	Phenanthrene-d10	1680000							
1719-03-5	Chrysene-d12	1850000							
1520-96-3	Perylene-d12	2010000							

Raw Data: **BP026054.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			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:	10/31/25		

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: **BP026056.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:	Maclearie Park	Date Received:	
Client Sample ID:	PB170346BL	SDG No.:	Q3495
Lab Sample ID:	PB170346BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/03/25 13:21	PB170346
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/03/25 13:21	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/03/25 13:21	PB170346
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/03/25 13:21	PB170346
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/03/25 13:21	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/03/25 13:21	PB170346
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/03/25 13:21	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/03/25 13:21	PB170346
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/03/25 13:21	PB170346
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/03/25 13:21	PB170346
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/03/25 13:21	PB170346
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/03/25 13:21	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/03/25 13:21	PB170346
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/03/25 13:21	PB170346
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/03/25 13:21	PB170346
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/03/25 13:21	PB170346
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/03/25 13:21	PB170346
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/03/25 13:21	PB170346
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/03/25 13:21	PB170346
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/03/25 13:21	PB170346
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/03/25 13:21	PB170346
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/03/25 13:21	PB170346
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/03/25 13:21	PB170346
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/03/25 13:21	PB170346
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/03/25 13:21	PB170346
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/03/25 13:21	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/03/25 13:21	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/03/25 13:21	PB170346

Raw Data: **BP026056.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3495
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/03/25 13:21	PB170346
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/03/25 13:21	PB170346
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/03/25 13:21	PB170346
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/03/25 13:21	PB170346
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/03/25 13:21	PB170346
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/03/25 13:21	PB170346
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/03/25 13:21	PB170346
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/03/25 13:21	PB170346
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/03/25 13:21	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/03/25 13:21	PB170346
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/03/25 13:21	PB170346
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/03/25 13:21	PB170346
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/03/25 13:21	PB170346
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/03/25 13:21	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/03/25 13:21	PB170346
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/03/25 13:21	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	128			23 - 138	85%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.9			67 - 132	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.0			52 - 132	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	129			44 - 137	86%	SPK: 150		
1718-51-0	Terphenyl-d14	87.1			42 - 152	87%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	300000							
1146-65-2	Naphthalene-d8	1150000							
15067-26-2	Acenaphthene-d10	696000							
1517-22-2	Phenanthrene-d10	1480000							
1719-03-5	Chrysene-d12	1620000							
1520-96-3	Perylene-d12	1770000							

Raw Data: **BP026056.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3495
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

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
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170342BS	SDG No.:	Q3495
Lab Sample ID:	PB170342BS	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: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	980		1	160	330	ug/Kg	11/03/25 12:29	PB170342
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	11/03/25 12:29	PB170342
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	11/03/25 12:29	PB170342
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	11/03/25 12:29	PB170342
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	11/03/25 12:29	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	11/03/25 12:29	PB170342
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	11/03/25 12:29	PB170342
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/03/25 12:29	PB170342
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/03/25 12:29	PB170342
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	11/03/25 12:29	PB170342
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	11/03/25 12:29	PB170342
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	11/03/25 12:29	PB170342
88-75-5	2-Nitrophenol	1400		1	58.2	170	ug/Kg	11/03/25 12:29	PB170342
105-67-9	2,4-Dimethylphenol	1600		1	64.8	170	ug/Kg	11/03/25 12:29	PB170342
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	11/03/25 12:29	PB170342
120-83-2	2,4-Dichlorophenol	1500		1	28.3	170	ug/Kg	11/03/25 12:29	PB170342
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	11/03/25 12:29	PB170342
106-47-8	4-Chloroaniline	790		1	35.4	170	ug/Kg	11/03/25 12:29	PB170342
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
105-60-2	Caprolactam	1500		1	52.1	330	ug/Kg	11/03/25 12:29	PB170342
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/03/25 12:29	PB170342
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/03/25 12:29	PB170342
77-47-4	Hexachlorocyclopentadiene	3600	E	1	120	330	ug/Kg	11/03/25 12:29	PB170342
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	11/03/25 12:29	PB170342
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	11/03/25 12:29	PB170342
92-52-4	1,1-Biphenyl	1500		1	21.8	170	ug/Kg	11/03/25 12:29	PB170342
91-58-7	2-Chloronaphthalene	1300		1	22.5	170	ug/Kg	11/03/25 12:29	PB170342
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	11/03/25 12:29	PB170342
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	11/03/25 12:29	PB170342
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/03/25 12:29	PB170342
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/03/25 12:29	PB170342
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	11/03/25 12:29	PB170342
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/03/25 12:29	PB170342
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/03/25 12:29	PB170342
100-02-7	4-Nitrophenol	2900	E	1	110	330	ug/Kg	11/03/25 12:29	PB170342
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/03/25 12:29	PB170342
121-14-2	2,4-Dinitrotoluene	1500		1	50.1	170	ug/Kg	11/03/25 12:29	PB170342
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/03/25 12:29	PB170342
7005-72-3	4-Chlorophenyl-phenylether	1300		1	26.7	170	ug/Kg	11/03/25 12:29	PB170342
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
100-01-6	4-Nitroaniline	1500		1	64.2	170	ug/Kg	11/03/25 12:29	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	1500		1	100	330	ug/Kg	11/03/25 12:29	PB170342

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			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:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1400		1	32.9	170	ug/Kg	11/03/25 12:29	PB170342
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	11/03/25 12:29	PB170342
118-74-1	Hexachlorobenzene	1400		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	11/03/25 12:29	PB170342
87-86-5	Pentachlorophenol	2900	E	1	51.3	330	ug/Kg	11/03/25 12:29	PB170342
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/03/25 12:29	PB170342
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/03/25 12:29	PB170342
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/03/25 12:29	PB170342
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/03/25 12:29	PB170342
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/03/25 12:29	PB170342
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/03/25 12:29	PB170342
85-68-7	Butylbenzylphthalate	1500		1	71.4	170	ug/Kg	11/03/25 12:29	PB170342
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	11/03/25 12:29	PB170342
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/03/25 12:29	PB170342
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/03/25 12:29	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.2	170	ug/Kg	11/03/25 12:29	PB170342
117-84-0	Di-n-octyl phthalate	1600		1	86.7	330	ug/Kg	11/03/25 12:29	PB170342
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	11/03/25 12:29	PB170342
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	11/03/25 12:29	PB170342
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/03/25 12:29	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/03/25 12:29	PB170342
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	11/03/25 12:29	PB170342
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/03/25 12:29	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		1	25.6	170	ug/Kg	11/03/25 12:29	PB170342
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	11/03/25 12:29	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	11/03/25 12:29	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	121			18 - 112	80%	SPK: 150		
13127-88-3	Phenol-d6	121			15 - 107	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	79.2			18 - 107	79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.7			20 - 109	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	127			10 - 116	85%	SPK: 150		
1718-51-0	Terphenyl-d14	80.8			10 - 105	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	329000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	832000							
1517-22-2	Phenanthrene-d10	1710000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1830000							

Raw Data: **BP026055.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			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:	10/31/25		

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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.5		1	3.90	10.0	ug/L	11/03/25 14:03	PB170346
108-95-2	Phenol	41.9		1	0.91	5.00	ug/L	11/03/25 14:03	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.3		1	0.81	5.00	ug/L	11/03/25 14:03	PB170346
95-57-8	2-Chlorophenol	42.8		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
95-48-7	2-Methylphenol	42.7		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
98-86-2	Acetophenone	45.3		1	0.74	5.00	ug/L	11/03/25 14:03	PB170346
65794-96-9	3+4-Methylphenols	41.8		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
621-64-7	n-Nitroso-di-n-propylamine	40.4		1	1.40	2.50	ug/L	11/03/25 14:03	PB170346
67-72-1	Hexachloroethane	39.8		1	0.65	5.00	ug/L	11/03/25 14:03	PB170346
98-95-3	Nitrobenzene	42.1		1	0.76	5.00	ug/L	11/03/25 14:03	PB170346
78-59-1	Isophorone	41.2		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
88-75-5	2-Nitrophenol	46.6		1	1.80	5.00	ug/L	11/03/25 14:03	PB170346
105-67-9	2,4-Dimethylphenol	47.9		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
120-83-2	2,4-Dichlorophenol	44.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
91-20-3	Naphthalene	40.0		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
106-47-8	4-Chloroaniline	26.1		1	0.84	5.00	ug/L	11/03/25 14:03	PB170346
87-68-3	Hexachlorobutadiene	39.5		1	0.54	5.00	ug/L	11/03/25 14:03	PB170346
105-60-2	Caprolactam	42.6		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
59-50-7	4-Chloro-3-methylphenol	45.1		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
91-57-6	2-Methylnaphthalene	36.6		1	0.56	5.00	ug/L	11/03/25 14:03	PB170346
77-47-4	Hexachlorocyclopentadiene	110	E	1	3.60	10.0	ug/L	11/03/25 14:03	PB170346
88-06-2	2,4,6-Trichlorophenol	46.0		1	0.51	5.00	ug/L	11/03/25 14:03	PB170346
95-95-4	2,4,5-Trichlorophenol	45.3		1	0.62	5.00	ug/L	11/03/25 14:03	PB170346
92-52-4	1,1-Biphenyl	45.1		1	0.53	5.00	ug/L	11/03/25 14:03	PB170346
91-58-7	2-Chloronaphthalene	40.1		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
88-74-4	2-Nitroaniline	43.1		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
131-11-3	Dimethylphthalate	42.3		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
208-96-8	Acenaphthylene	47.6		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
606-20-2	2,6-Dinitrotoluene	46.9		1	0.92	5.00	ug/L	11/03/25 14:03	PB170346
99-09-2	3-Nitroaniline	33.5		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
83-32-9	Acenaphthene	44.6		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
51-28-5	2,4-Dinitrophenol	89.4	E	1	6.00	10.0	ug/L	11/03/25 14:03	PB170346
100-02-7	4-Nitrophenol	86.1	E	1	2.40	10.0	ug/L	11/03/25 14:03	PB170346
132-64-9	Dibenzofuran	41.0		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
121-14-2	2,4-Dinitrotoluene	45.6		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
84-66-2	Diethylphthalate	42.3		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
7005-72-3	4-Chlorophenyl-phenylether	40.1		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
86-73-7	Fluorene	41.1		1	0.63	5.00	ug/L	11/03/25 14:03	PB170346
100-01-6	4-Nitroaniline	46.1		1	1.50	5.00	ug/L	11/03/25 14:03	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	50.3		1	2.90	10.0	ug/L	11/03/25 14:03	PB170346

Raw Data: **BP026057.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
101-55-3	4-Bromophenyl-phenylether	42.6		1	0.40	5.00	ug/L	11/03/25 14:03	PB170346
118-74-1	Hexachlorobenzene	41.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
1912-24-9	Atrazine	46.3		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
87-86-5	Pentachlorophenol	90.1	E	1	1.60	10.0	ug/L	11/03/25 14:03	PB170346
85-01-8	Phenanthrene	41.4		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
120-12-7	Anthracene	42.7		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
86-74-8	Carbazole	43.3		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
84-74-2	Di-n-butylphthalate	44.2		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
206-44-0	Fluoranthene	41.4		1	0.82	5.00	ug/L	11/03/25 14:03	PB170346
129-00-0	Pyrene	42.2		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
85-68-7	Butylbenzylphthalate	45.0		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
91-94-1	3,3-Dichlorobenzidine	33.1		1	0.93	10.0	ug/L	11/03/25 14:03	PB170346
56-55-3	Benzo(a)anthracene	42.1		1	0.45	5.00	ug/L	11/03/25 14:03	PB170346
218-01-9	Chrysene	41.3		1	0.44	5.00	ug/L	11/03/25 14:03	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	42.6		1	1.60	5.00	ug/L	11/03/25 14:03	PB170346
117-84-0	Di-n-octyl phthalate	48.0		1	2.30	10.0	ug/L	11/03/25 14:03	PB170346
205-99-2	Benzo(b)fluoranthene	43.6		1	0.49	5.00	ug/L	11/03/25 14:03	PB170346
207-08-9	Benzo(k)fluoranthene	43.6		1	0.48	5.00	ug/L	11/03/25 14:03	PB170346
50-32-8	Benzo(a)pyrene	45.8		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.0		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
53-70-3	Dibenzo(a,h)anthracene	44.6		1	0.67	5.00	ug/L	11/03/25 14:03	PB170346
191-24-2	Benzo(g,h,i)perylene	45.2		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
123-91-1	1,4-Dioxane	33.2		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	119			23 - 138	79%	SPK: 150		
13127-88-3	Phenol-d6	118			10 - 134	79%	SPK: 150		
4165-60-0	Nitrobenzene-d5	79.6			67 - 132	80%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.9			52 - 132	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			44 - 137	82%	SPK: 150		
1718-51-0	Terphenyl-d14	77.6			42 - 152	78%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	413000							
1146-65-2	Naphthalene-d8	1640000							
15067-26-2	Acenaphthene-d10	1030000							
1517-22-2	Phenanthrene-d10	2030000							
1719-03-5	Chrysene-d12	2080000							
1520-96-3	Perylene-d12	2250000							

Raw Data: **BP026057.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

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: **BP026058.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:	Maclearie Park	Date Received:	
Client Sample ID:	PB170346BSD	SDG No.:	Q3495
Lab Sample ID:	PB170346BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.6		1	3.90	10.0	ug/L	11/03/25 14:44	PB170346
108-95-2	Phenol	42.8		1	0.91	5.00	ug/L	11/03/25 14:44	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.6		1	0.81	5.00	ug/L	11/03/25 14:44	PB170346
95-57-8	2-Chlorophenol	44.1		1	0.58	5.00	ug/L	11/03/25 14:44	PB170346
95-48-7	2-Methylphenol	44.1		1	1.10	5.00	ug/L	11/03/25 14:44	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	40.0		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
98-86-2	Acetophenone	44.9		1	0.74	5.00	ug/L	11/03/25 14:44	PB170346
65794-96-9	3+4-Methylphenols	43.3		1	1.10	10.0	ug/L	11/03/25 14:44	PB170346
621-64-7	n-Nitroso-di-n-propylamine	42.1		1	1.40	2.50	ug/L	11/03/25 14:44	PB170346
67-72-1	Hexachloroethane	41.1		1	0.65	5.00	ug/L	11/03/25 14:44	PB170346
98-95-3	Nitrobenzene	42.5		1	0.76	5.00	ug/L	11/03/25 14:44	PB170346
78-59-1	Isophorone	41.5		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
88-75-5	2-Nitrophenol	49.3		1	1.80	5.00	ug/L	11/03/25 14:44	PB170346
105-67-9	2,4-Dimethylphenol	48.0		1	1.90	5.00	ug/L	11/03/25 14:44	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.9		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
120-83-2	2,4-Dichlorophenol	45.0		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
91-20-3	Naphthalene	40.3		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
106-47-8	4-Chloroaniline	25.1		1	0.84	5.00	ug/L	11/03/25 14:44	PB170346
87-68-3	Hexachlorobutadiene	39.7		1	0.54	5.00	ug/L	11/03/25 14:44	PB170346
105-60-2	Caprolactam	43.5		1	1.10	10.0	ug/L	11/03/25 14:44	PB170346
59-50-7	4-Chloro-3-methylphenol	45.8		1	0.59	5.00	ug/L	11/03/25 14:44	PB170346
91-57-6	2-Methylnaphthalene	37.4		1	0.56	5.00	ug/L	11/03/25 14:44	PB170346
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/03/25 14:44	PB170346
88-06-2	2,4,6-Trichlorophenol	46.7		1	0.51	5.00	ug/L	11/03/25 14:44	PB170346
95-95-4	2,4,5-Trichlorophenol	46.0		1	0.62	5.00	ug/L	11/03/25 14:44	PB170346
92-52-4	1,1-Biphenyl	45.4		1	0.53	5.00	ug/L	11/03/25 14:44	PB170346
91-58-7	2-Chloronaphthalene	40.6		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
88-74-4	2-Nitroaniline	44.1		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
131-11-3	Dimethylphthalate	42.9		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
208-96-8	Acenaphthylene	47.2		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
606-20-2	2,6-Dinitrotoluene	47.3		1	0.92	5.00	ug/L	11/03/25 14:44	PB170346
99-09-2	3-Nitroaniline	33.4		1	1.10	5.00	ug/L	11/03/25 14:44	PB170346
83-32-9	Acenaphthene	39.6		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
51-28-5	2,4-Dinitrophenol	90.8	E	1	6.00	10.0	ug/L	11/03/25 14:44	PB170346
100-02-7	4-Nitrophenol	87.5	E	1	2.40	10.0	ug/L	11/03/25 14:44	PB170346
132-64-9	Dibenzofuran	40.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
84-66-2	Diethylphthalate	43.1		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
7005-72-3	4-Chlorophenyl-phenylether	39.6		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
86-73-7	Fluorene	40.9		1	0.63	5.00	ug/L	11/03/25 14:44	PB170346
100-01-6	4-Nitroaniline	44.9		1	1.50	5.00	ug/L	11/03/25 14:44	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	50.6		1	2.90	10.0	ug/L	11/03/25 14:44	PB170346

Raw Data: **BP026058.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3495
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.3		1	0.58	5.00	ug/L	11/03/25 14:44	PB170346
101-55-3	4-Bromophenyl-phenylether	42.0		1	0.40	5.00	ug/L	11/03/25 14:44	PB170346
118-74-1	Hexachlorobenzene	41.0		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
1912-24-9	Atrazine	46.9		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
87-86-5	Pentachlorophenol	90.6	E	1	1.60	10.0	ug/L	11/03/25 14:44	PB170346
85-01-8	Phenanthrene	40.5		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
120-12-7	Anthracene	42.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
86-74-8	Carbazole	42.4		1	0.72	5.00	ug/L	11/03/25 14:44	PB170346
84-74-2	Di-n-butylphthalate	44.5		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
206-44-0	Fluoranthene	41.0		1	0.82	5.00	ug/L	11/03/25 14:44	PB170346
129-00-0	Pyrene	42.8		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
85-68-7	Butylbenzylphthalate	46.8		1	1.90	5.00	ug/L	11/03/25 14:44	PB170346
91-94-1	3,3-Dichlorobenzidine	34.8		1	0.93	10.0	ug/L	11/03/25 14:44	PB170346
56-55-3	Benzo(a)anthracene	42.2		1	0.45	5.00	ug/L	11/03/25 14:44	PB170346
218-01-9	Chrysene	42.1		1	0.44	5.00	ug/L	11/03/25 14:44	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	46.0		1	1.60	5.00	ug/L	11/03/25 14:44	PB170346
117-84-0	Di-n-octyl phthalate	51.0		1	2.30	10.0	ug/L	11/03/25 14:44	PB170346
205-99-2	Benzo(b)fluoranthene	43.8		1	0.49	5.00	ug/L	11/03/25 14:44	PB170346
207-08-9	Benzo(k)fluoranthene	44.1		1	0.48	5.00	ug/L	11/03/25 14:44	PB170346
50-32-8	Benzo(a)pyrene	46.2		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.4		1	0.59	5.00	ug/L	11/03/25 14:44	PB170346
53-70-3	Dibenzo(a,h)anthracene	45.0		1	0.67	5.00	ug/L	11/03/25 14:44	PB170346
191-24-2	Benzo(g,h,i)perylene	45.8		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
123-91-1	1,4-Dioxane	32.4		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	49.2		1	0.72	5.00	ug/L	11/03/25 14:44	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	121			23 - 138	81%	SPK: 150		
13127-88-3	Phenol-d6	120			10 - 134	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	80.8			67 - 132	81%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.0			52 - 132	74%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			44 - 137	84%	SPK: 150		
1718-51-0	Terphenyl-d14	79.6			42 - 152	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	395000							
1146-65-2	Naphthalene-d8	1600000							
15067-26-2	Acenaphthene-d10	1010000							
1517-22-2	Phenanthrene-d10	2010000							
1719-03-5	Chrysene-d12	2000000							
1520-96-3	Perylene-d12	2130000							

Raw Data: **BP026058.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:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3495
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

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: **BP026061.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2000		1	210	440	ug/Kg	11/03/25 16:54	PB170342
108-95-2	Phenol	2100		1	29.4	230	ug/Kg	11/03/25 16:54	PB170342
111-44-4	bis(2-Chloroethyl)ether	2000		1	32.3	230	ug/Kg	11/03/25 16:54	PB170342
95-57-8	2-Chlorophenol	2200		1	32.4	230	ug/Kg	11/03/25 16:54	PB170342
95-48-7	2-Methylphenol	2100		1	39.8	230	ug/Kg	11/03/25 16:54	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1800		1	49.9	230	ug/Kg	11/03/25 16:54	PB170342
98-86-2	Acetophenone	2000		1	39.2	230	ug/Kg	11/03/25 16:54	PB170342
65794-96-9	3+4-Methylphenols	2100		1	54.7	440	ug/Kg	11/03/25 16:54	PB170342
621-64-7	n-Nitroso-di-n-propylamine	2000		1	63.0	110	ug/Kg	11/03/25 16:54	PB170342
67-72-1	Hexachloroethane	2100		1	23.4	230	ug/Kg	11/03/25 16:54	PB170342
98-95-3	Nitrobenzene	2100		1	24.3	230	ug/Kg	11/03/25 16:54	PB170342
78-59-1	Isophorone	2000		1	43.6	230	ug/Kg	11/03/25 16:54	PB170342
88-75-5	2-Nitrophenol	2800		1	77.4	230	ug/Kg	11/03/25 16:54	PB170342
105-67-9	2,4-Dimethylphenol	2400		1	86.2	230	ug/Kg	11/03/25 16:54	PB170342
111-91-1	bis(2-Chloroethoxy)methane	2000		1	41.0	230	ug/Kg	11/03/25 16:54	PB170342
120-83-2	2,4-Dichlorophenol	2200		1	37.6	230	ug/Kg	11/03/25 16:54	PB170342
91-20-3	Naphthalene	2000		1	30.2	230	ug/Kg	11/03/25 16:54	PB170342
106-47-8	4-Chloroaniline	740		1	47.1	230	ug/Kg	11/03/25 16:54	PB170342
87-68-3	Hexachlorobutadiene	2000		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
105-60-2	Caprolactam	2200		1	69.3	440	ug/Kg	11/03/25 16:54	PB170342
59-50-7	4-Chloro-3-methylphenol	2200		1	38.2	230	ug/Kg	11/03/25 16:54	PB170342
91-57-6	2-Methylnaphthalene	1800		1	34.0	230	ug/Kg	11/03/25 16:54	PB170342
77-47-4	Hexachlorocyclopentadiene	6300	E	1	150	440	ug/Kg	11/03/25 16:54	PB170342
88-06-2	2,4,6-Trichlorophenol	2400		1	26.3	230	ug/Kg	11/03/25 16:54	PB170342
95-95-4	2,4,5-Trichlorophenol	2300		1	38.7	230	ug/Kg	11/03/25 16:54	PB170342
92-52-4	1,1-Biphenyl	2000		1	29.0	230	ug/Kg	11/03/25 16:54	PB170342
91-58-7	2-Chloronaphthalene	2000		1	29.9	230	ug/Kg	11/03/25 16:54	PB170342
88-74-4	2-Nitroaniline	2200		1	64.0	230	ug/Kg	11/03/25 16:54	PB170342
131-11-3	Dimethylphthalate	2100		1	36.0	230	ug/Kg	11/03/25 16:54	PB170342
208-96-8	Acenaphthylene	2300		1	38.4	230	ug/Kg	11/03/25 16:54	PB170342
606-20-2	2,6-Dinitrotoluene	2300		1	44.7	230	ug/Kg	11/03/25 16:54	PB170342
99-09-2	3-Nitroaniline	1400		1	61.2	230	ug/Kg	11/03/25 16:54	PB170342
83-32-9	Acenaphthene	1900		1	28.3	230	ug/Kg	11/03/25 16:54	PB170342
51-28-5	2,4-Dinitrophenol	4600	E	1	300	440	ug/Kg	11/03/25 16:54	PB170342
100-02-7	4-Nitrophenol	4700	E	1	140	440	ug/Kg	11/03/25 16:54	PB170342
132-64-9	Dibenzofuran	2000		1	30.2	230	ug/Kg	11/03/25 16:54	PB170342
121-14-2	2,4-Dinitrotoluene	2200		1	66.6	230	ug/Kg	11/03/25 16:54	PB170342
84-66-2	Diethylphthalate	2100		1	37.6	230	ug/Kg	11/03/25 16:54	PB170342
7005-72-3	4-Chlorophenyl-phenylether	2000		1	35.5	230	ug/Kg	11/03/25 16:54	PB170342
86-73-7	Fluorene	2000		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
100-01-6	4-Nitroaniline	2300		1	85.4	230	ug/Kg	11/03/25 16:54	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	2600		1	140	440	ug/Kg	11/03/25 16:54	PB170342

Raw Data: **BP026061.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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2100		1	43.7	230	ug/Kg	11/03/25 16:54	PB170342
101-55-3	4-Bromophenyl-phenylether	2100		1	37.0	230	ug/Kg	11/03/25 16:54	PB170342
118-74-1	Hexachlorobenzene	2100		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
1912-24-9	Atrazine	2400		1	45.2	230	ug/Kg	11/03/25 16:54	PB170342
87-86-5	Pentachlorophenol	5000	E	1	68.2	440	ug/Kg	11/03/25 16:54	PB170342
85-01-8	Phenanthrene	2000		1	27.8	230	ug/Kg	11/03/25 16:54	PB170342
120-12-7	Anthracene	2100		1	44.3	230	ug/Kg	11/03/25 16:54	PB170342
86-74-8	Carbazole	2200		1	41.5	230	ug/Kg	11/03/25 16:54	PB170342
84-74-2	Di-n-butylphthalate	2300		1	63.7	230	ug/Kg	11/03/25 16:54	PB170342
206-44-0	Fluoranthene	2100		1	39.9	230	ug/Kg	11/03/25 16:54	PB170342
129-00-0	Pyrene	1900		1	47.9	230	ug/Kg	11/03/25 16:54	PB170342
85-68-7	Butylbenzylphthalate	2400		1	94.9	230	ug/Kg	11/03/25 16:54	PB170342
91-94-1	3,3-Dichlorobenzidine	1900		1	48.8	440	ug/Kg	11/03/25 16:54	PB170342
56-55-3	Benzo(a)anthracene	2100		1	30.6	230	ug/Kg	11/03/25 16:54	PB170342
218-01-9	Chrysene	2100		1	26.5	230	ug/Kg	11/03/25 16:54	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	2300		1	78.7	230	ug/Kg	11/03/25 16:54	PB170342
117-84-0	Di-n-octyl phthalate	2800		1	120	440	ug/Kg	11/03/25 16:54	PB170342
205-99-2	Benzo(b)fluoranthene	2100		1	25.3	230	ug/Kg	11/03/25 16:54	PB170342
207-08-9	Benzo(k)fluoranthene	2100		1	29.8	230	ug/Kg	11/03/25 16:54	PB170342
50-32-8	Benzo(a)pyrene	2200		1	39.2	230	ug/Kg	11/03/25 16:54	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2200		1	38.7	230	ug/Kg	11/03/25 16:54	PB170342
53-70-3	Dibenzo(a,h)anthracene	2200		1	36.4	230	ug/Kg	11/03/25 16:54	PB170342
191-24-2	Benzo(g,h,i)perylene	2200		1	34.2	230	ug/Kg	11/03/25 16:54	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	34.0	230	ug/Kg	11/03/25 16:54	PB170342
123-91-1	1,4-Dioxane	1900		1	60.1	230	ug/Kg	11/03/25 16:54	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	2600		1	36.4	230	ug/Kg	11/03/25 16:54	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	74.1			18 - 112	49%	SPK: 150		
13127-88-3	Phenol-d6	74.0			15 - 107	49%	SPK: 150		
4165-60-0	Nitrobenzene-d5	49.0			18 - 107	49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.1			20 - 109	43%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	81.1			10 - 116	54%	SPK: 150		
1718-51-0	Terphenyl-d14	43.2			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	230000							
1146-65-2	Naphthalene-d8	913000							
15067-26-2	Acenaphthene-d10	574000							
1517-22-2	Phenanthrene-d10	1150000							
1719-03-5	Chrysene-d12	1320000							
1520-96-3	Perylene-d12	1550000							

Raw Data: **BP026061.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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

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: **BP026062.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:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1800		1	210	440	ug/Kg	11/03/25 17:35	PB170342
108-95-2	Phenol	1900		1	29.4	230	ug/Kg	11/03/25 17:35	PB170342
111-44-4	bis(2-Chloroethyl)ether	1800		1	32.3	230	ug/Kg	11/03/25 17:35	PB170342
95-57-8	2-Chlorophenol	2000		1	32.4	230	ug/Kg	11/03/25 17:35	PB170342
95-48-7	2-Methylphenol	1900		1	39.7	230	ug/Kg	11/03/25 17:35	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	49.9	230	ug/Kg	11/03/25 17:35	PB170342
98-86-2	Acetophenone	1900		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
65794-96-9	3+4-Methylphenols	1900		1	54.6	440	ug/Kg	11/03/25 17:35	PB170342
621-64-7	n-Nitroso-di-n-propylamine	1800		1	63.0	110	ug/Kg	11/03/25 17:35	PB170342
67-72-1	Hexachloroethane	1900		1	23.4	230	ug/Kg	11/03/25 17:35	PB170342
98-95-3	Nitrobenzene	1900		1	24.3	230	ug/Kg	11/03/25 17:35	PB170342
78-59-1	Isophorone	1900		1	43.6	230	ug/Kg	11/03/25 17:35	PB170342
88-75-5	2-Nitrophenol	2700		1	77.4	230	ug/Kg	11/03/25 17:35	PB170342
105-67-9	2,4-Dimethylphenol	2200		1	86.1	230	ug/Kg	11/03/25 17:35	PB170342
111-91-1	bis(2-Chloroethoxy)methane	1900		1	40.9	230	ug/Kg	11/03/25 17:35	PB170342
120-83-2	2,4-Dichlorophenol	2100		1	37.6	230	ug/Kg	11/03/25 17:35	PB170342
91-20-3	Naphthalene	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
106-47-8	4-Chloroaniline	810		1	47.1	230	ug/Kg	11/03/25 17:35	PB170342
87-68-3	Hexachlorobutadiene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
105-60-2	Caprolactam	2100		1	69.3	440	ug/Kg	11/03/25 17:35	PB170342
59-50-7	4-Chloro-3-methylphenol	2100		1	38.2	230	ug/Kg	11/03/25 17:35	PB170342
91-57-6	2-Methylnaphthalene	1700		1	34.0	230	ug/Kg	11/03/25 17:35	PB170342
77-47-4	Hexachlorocyclopentadiene	5800	E	1	150	440	ug/Kg	11/03/25 17:35	PB170342
88-06-2	2,4,6-Trichlorophenol	2300		1	26.3	230	ug/Kg	11/03/25 17:35	PB170342
95-95-4	2,4,5-Trichlorophenol	2100		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
92-52-4	1,1-Biphenyl	1900		1	29.0	230	ug/Kg	11/03/25 17:35	PB170342
91-58-7	2-Chloronaphthalene	1900		1	29.9	230	ug/Kg	11/03/25 17:35	PB170342
88-74-4	2-Nitroaniline	2100		1	63.9	230	ug/Kg	11/03/25 17:35	PB170342
131-11-3	Dimethylphthalate	1900		1	36.0	230	ug/Kg	11/03/25 17:35	PB170342
208-96-8	Acenaphthylene	2200		1	38.4	230	ug/Kg	11/03/25 17:35	PB170342
606-20-2	2,6-Dinitrotoluene	2200		1	44.7	230	ug/Kg	11/03/25 17:35	PB170342
99-09-2	3-Nitroaniline	1300		1	61.1	230	ug/Kg	11/03/25 17:35	PB170342
83-32-9	Acenaphthene	1800		1	28.3	230	ug/Kg	11/03/25 17:35	PB170342
51-28-5	2,4-Dinitrophenol	4400	E	1	300	440	ug/Kg	11/03/25 17:35	PB170342
100-02-7	4-Nitrophenol	4300	E	1	140	440	ug/Kg	11/03/25 17:35	PB170342
132-64-9	Dibenzofuran	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
121-14-2	2,4-Dinitrotoluene	2100		1	66.6	230	ug/Kg	11/03/25 17:35	PB170342
84-66-2	Diethylphthalate	2000		1	37.6	230	ug/Kg	11/03/25 17:35	PB170342
7005-72-3	4-Chlorophenyl-phenylether	1900		1	35.5	230	ug/Kg	11/03/25 17:35	PB170342
86-73-7	Fluorene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
100-01-6	4-Nitroaniline	2100		1	85.3	230	ug/Kg	11/03/25 17:35	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	2500		1	140	440	ug/Kg	11/03/25 17:35	PB170342

Raw Data: **BP026062.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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	43.7	230	ug/Kg	11/03/25 17:35	PB170342
101-55-3	4-Bromophenyl-phenylether	1900		1	37.0	230	ug/Kg	11/03/25 17:35	PB170342
118-74-1	Hexachlorobenzene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
1912-24-9	Atrazine	2200		1	45.2	230	ug/Kg	11/03/25 17:35	PB170342
87-86-5	Pentachlorophenol	4500	E	1	68.2	440	ug/Kg	11/03/25 17:35	PB170342
85-01-8	Phenanthrene	1900		1	27.8	230	ug/Kg	11/03/25 17:35	PB170342
120-12-7	Anthracene	1900		1	44.3	230	ug/Kg	11/03/25 17:35	PB170342
86-74-8	Carbazole	1900		1	41.5	230	ug/Kg	11/03/25 17:35	PB170342
84-74-2	Di-n-butylphthalate	2100		1	63.7	230	ug/Kg	11/03/25 17:35	PB170342
206-44-0	Fluoranthene	1900		1	39.9	230	ug/Kg	11/03/25 17:35	PB170342
129-00-0	Pyrene	2000		1	47.9	230	ug/Kg	11/03/25 17:35	PB170342
85-68-7	Butylbenzylphthalate	2300		1	94.9	230	ug/Kg	11/03/25 17:35	PB170342
91-94-1	3,3-Dichlorobenzidine	1600		1	48.8	440	ug/Kg	11/03/25 17:35	PB170342
56-55-3	Benzo(a)anthracene	1900		1	30.6	230	ug/Kg	11/03/25 17:35	PB170342
218-01-9	Chrysene	1900		1	26.5	230	ug/Kg	11/03/25 17:35	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	2100		1	78.7	230	ug/Kg	11/03/25 17:35	PB170342
117-84-0	Di-n-octyl phthalate	2500		1	120	440	ug/Kg	11/03/25 17:35	PB170342
205-99-2	Benzo(b)fluoranthene	1900		1	25.3	230	ug/Kg	11/03/25 17:35	PB170342
207-08-9	Benzo(k)fluoranthene	1900		1	29.8	230	ug/Kg	11/03/25 17:35	PB170342
50-32-8	Benzo(a)pyrene	2100		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
53-70-3	Dibenzo(a,h)anthracene	2000		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
191-24-2	Benzo(g,h,i)perylene	2100		1	34.2	230	ug/Kg	11/03/25 17:35	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		1	34.0	230	ug/Kg	11/03/25 17:35	PB170342
123-91-1	1,4-Dioxane	1600		1	60.1	230	ug/Kg	11/03/25 17:35	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	2400		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	66.9			18 - 112	45%	SPK: 150		
13127-88-3	Phenol-d6	67.0			15 - 107	45%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.1			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	40.7			20 - 109	41%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	75.4			10 - 116	50%	SPK: 150		
1718-51-0	Terphenyl-d14	42.9			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	838000							
1517-22-2	Phenanthrene-d10	1700000							
1719-03-5	Chrysene-d12	1740000							
1520-96-3	Perylene-d12	1960000							

Raw Data: **BP026062.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:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

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 GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = 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\
Method File : 8270E-BP102925.M

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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24

Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.264		6.0	
Benzaldehyde	0.893	1.004		12.4	
Phenol-d6	1.635	1.731		5.9	
Phenol	1.808	1.889		4.5	20.0
bis(2-Chloroethyl)ether	1.329	1.357		2.1	
2-Chlorophenol	1.247	1.415		13.5	
2-Methylphenol	1.201	1.282		6.7	
2,2-oxybis(1-Chloropropane)	3.487	3.486		0.0	
Acetophenone	0.547	0.577		5.5	
3+4-Methylphenols	1.688	1.788		5.9	
n-Nitroso-di-n-propylamine	1.130	1.179	0.050	4.3	
Nitrobenzene-d5	0.333	0.422		26.7	
Hexachloroethane	0.512	0.562		9.8	
Nitrobenzene	0.362	0.439		21.3	
Isophorone	0.799	0.850		6.4	
2-Nitrophenol	0.121	0.179		47.9	20.0
2,4-Dimethylphenol	0.297	0.320		7.7	
bis(2-Chloroethoxy)methane	0.455	0.476		4.6	
2,4-Dichlorophenol	0.320	0.369		15.3	20.0
Naphthalene	1.109	1.162		4.8	
4-Chloroaniline	0.431	0.453		5.1	
Hexachlorobutadiene	0.284	0.312		9.9	20.0
Caprolactam	0.123	0.135		9.8	
4-Chloro-3-methylphenol	0.384	0.428		11.5	20.0
2-Methylnaphthalene	0.814	0.868		6.6	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.465		21.1	20.0
2-Fluorobiphenyl	1.319	1.388		5.2	
2,4,5-Trichlorophenol	0.443	0.516		16.5	
1,1-Biphenyl	1.422	1.474		3.7	
2-Chloronaphthalene	1.073	1.118		4.2	
2-Nitroaniline	0.311	0.422		35.7	
Dimethylphthalate	1.530	1.657		8.3	
Acenaphthylene	1.693	1.769		4.5	
2,6-Dinitrotoluene	0.218	0.300		37.6	
3-Nitroaniline	0.263	0.354		34.6	
Acenaphthene	1.157	1.252		8.2	20.0
2,4-Dinitrophenol	0.132	0.207	0.050	56.8	
4-Nitrophenol	0.244	0.316	0.050	29.5	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24

Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.961		4.9	
2,4-Dinitrotoluene	0.340	0.487		43.2	
Diethylphthalate	1.563	1.669		6.8	
4-Chlorophenyl-phenylether	0.820	0.888		8.3	
Fluorene	1.460	1.563		7.1	
4-Nitroaniline	0.293	0.397		35.5	
4,6-Dinitro-2-methylphenol	0.079	0.121		53.2	
n-Nitrosodiphenylamine	0.540	0.554		2.6	20.0
2,4,6-Tribromophenol	0.289	0.369		27.7	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.296		9.6	
Atrazine	0.232	0.243		4.7	
Pentachlorophenol	0.169	0.202		19.5	20.0
Phenanthrene	1.094	1.147		4.8	
Anthracene	1.113	1.152		3.5	
Carbazole	0.981	1.034		5.4	
Di-n-butylphthalate	1.135	1.193		5.1	
Fluoranthene	1.370	1.478		7.9	20.0
Pyrene	1.307	1.306		-0.1	
Terphenyl-d14	1.060	1.084		2.3	
Butylbenzylphthalate	0.395	0.453		14.7	
3,3-Dichlorobenzidine	0.443	0.498		12.4	
Benzo(a)anthracene	1.326	1.407		6.1	
Chrysene	1.262	1.325		5.0	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.141		14.7	20.0
Benzo(b)fluoranthene	1.226	1.288		5.1	
Benzo(k)fluoranthene	1.227	1.284		4.6	
Benzo(a)pyrene	1.127	1.181		4.8	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.539		4.6	
Dibenzo(a,h)anthracene	1.195	1.255		5.0	
Benzo(g,h,i)perylene	1.142	1.193		4.5	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.542		2.7	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.528		24.5	

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.: Q3495

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.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	1.217		0.4	
Benzaldehyde	0.802	0.703		-12.3	
Phenol-d6	1.543	1.579		2.3	
Phenol	1.713	1.731		1.1	20.0
bis(2-Chloroethyl)ether	1.352	1.405		3.9	
2-Chlorophenol	1.342	1.364		1.6	
2-Methylphenol	1.121	1.153		2.9	
2,2-oxybis(1-Chloropropane)	2.043	2.143		4.9	
Acetophenone	0.506	0.516		2.0	
3+4-Methylphenols	1.560	1.560		0.0	
n-Nitroso-di-n-propylamine	0.958	1.020	0.050	6.5	
Nitrobenzene-d5	0.321	0.336		4.7	
Hexachloroethane	0.533	0.534		0.2	
Nitrobenzene	0.339	0.351		3.5	
Isophorone	0.687	0.709		3.2	
2-Nitrophenol	0.104	0.124		19.2	20.0
2,4-Dimethylphenol	0.289	0.287		-0.7	
bis(2-Chloroethoxy)methane	0.433	0.442		2.1	
2,4-Dichlorophenol	0.305	0.308		1.0	20.0
Naphthalene	1.091	1.101		0.9	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.107	0.108		0.9	
4-Chloro-3-methylphenol	0.320	0.333		4.1	20.0
2-Methylnaphthalene	0.763	0.765		0.3	
Hexachlorocyclopentadiene	0.227	0.232	0.050	2.2	
2,4,6-Trichlorophenol	0.367	0.381		3.8	20.0
2-Fluorobiphenyl	1.392	1.389		-0.2	
2,4,5-Trichlorophenol	0.419	0.436		4.1	
1,1-Biphenyl	1.531	1.559		1.8	
2-Chloronaphthalene	1.205	1.213		0.7	
2-Nitroaniline	0.272	0.298		9.6	
Dimethylphthalate	1.455	1.469		1.0	
Acenaphthylene	1.756	1.802		2.6	
2,6-Dinitrotoluene	0.237	0.261		10.1	
3-Nitroaniline	0.291	0.328		12.7	
Acenaphthene	1.206	1.235		2.4	20.0
2,4-Dinitrophenol	0.100	0.115	0.050	15.0	
4-Nitrophenol	0.290	0.277	0.050	-4.5	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.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	1.828		0.3	
2,4-Dinitrotoluene	0.347	0.392		13.0	
Diethylphthalate	1.463	1.489		1.8	
4-Chlorophenyl-phenylether	0.713	0.723		1.4	
Fluorene	1.427	1.458		2.2	
4-Nitroaniline	0.311	0.349		12.2	
4,6-Dinitro-2-methylphenol	0.077	0.083		7.8	
n-Nitrosodiphenylamine	0.625	0.635		1.6	20.0
2,4,6-Tribromophenol	0.216	0.215		-0.5	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.250		-1.2	
Atrazine	0.211	0.209		-0.9	
Pentachlorophenol	0.154	0.151		-1.9	20.0
Phenanthrene	1.164	1.162		-0.2	
Anthracene	1.154	1.174		1.7	
Carbazole	1.092	1.126		3.1	
Di-n-butylphthalate	1.222	1.248		2.1	
Fluoranthene	1.358	1.380		1.6	20.0
Pyrene	1.353	1.388		2.6	
Terphenyl-d14	0.984	1.002		1.8	
Butylbenzylphthalate	0.432	0.480		11.1	
3,3-Dichlorobenzidine	0.443	0.455		2.7	
Benzo(a)anthracene	1.374	1.402		2.0	
Chrysene	1.302	1.324		1.7	
Bis(2-ethylhexyl)phthalate	0.718	0.765		6.5	
Di-n-octyl phthalate	1.191	1.230		3.3	20.0
Benzo(b)fluoranthene	1.242	1.277		2.8	
Benzo(k)fluoranthene	1.268	1.281		1.0	
Benzo(a)pyrene	1.141	1.181		3.5	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.531		3.7	
Dibenzo(a,h)anthracene	1.202	1.240		3.2	
Benzo(g,h,i)perylene	1.156	1.186		2.6	
1,2,4,5-Tetrachlorobenzene	0.621	0.614		-1.1	
1,4-Dioxane	0.511	0.528		3.3	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.342		3.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Time: Nov 03 16:33:50 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

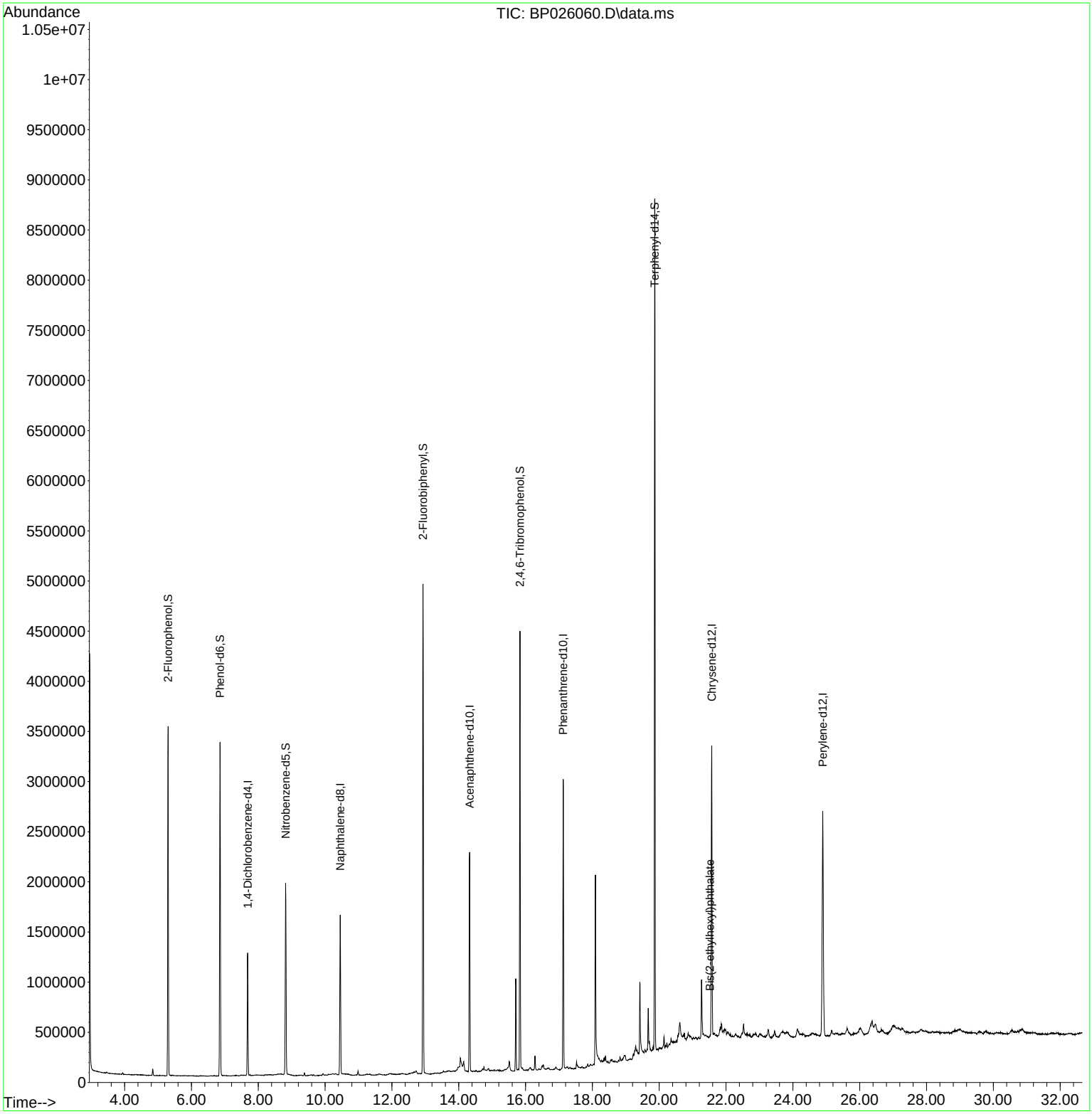
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	335609	20.000	ng	0.00
21) Naphthalene-d8	10.455	136	1339601	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	820932	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1674460	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1797769	20.000	ng	0.00
86) Perylene-d12	24.895	264	2045798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1506944	74.092	ng	0.00
7) Phenol-d6	6.855	99	1931703	74.620	ng	0.00
23) Nitrobenzene-d5	8.819	82	1094006	50.911	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	756973	85.292	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2550471	44.642	ng	0.00
79) Terphenyl-d14	19.866	244	3935857	44.480	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.519	149	11378	2.746	ng	# 84

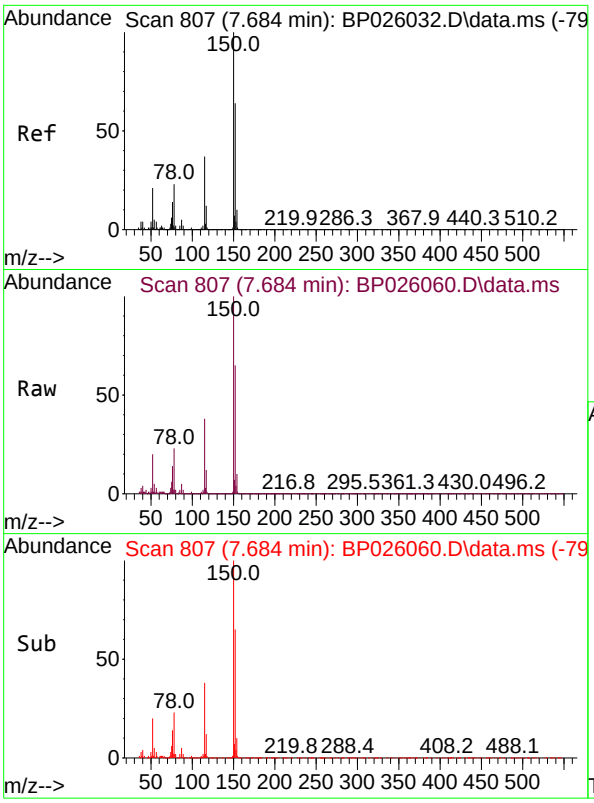
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Time: Nov 03 16:33:50 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



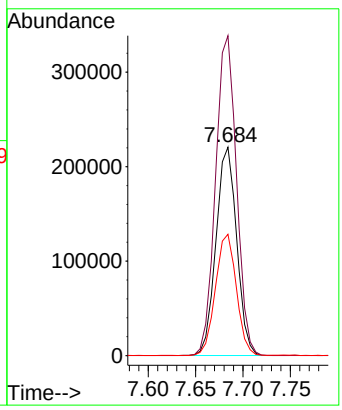


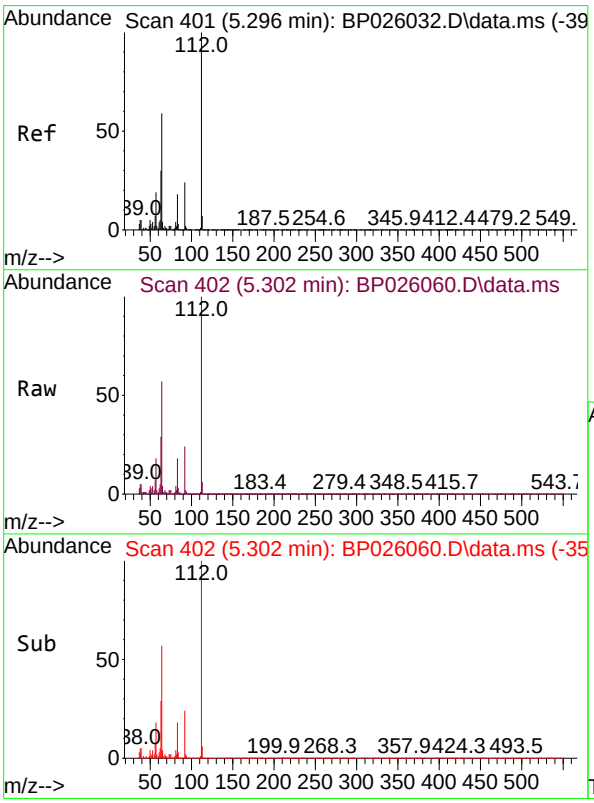
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:152 Resp: 335609

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.7	188.5
115	58.3	46.4	69.6

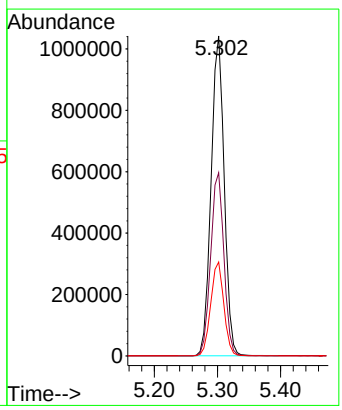


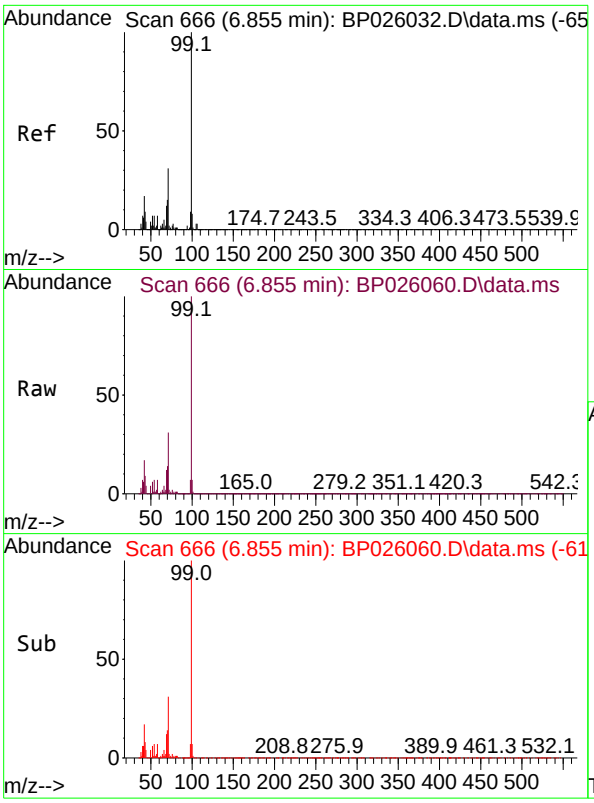


#5
2-Fluorophenol
Concen: 74.092 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:112 Resp: 1506944

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.4	71.2
63	29.3	24.2	36.4



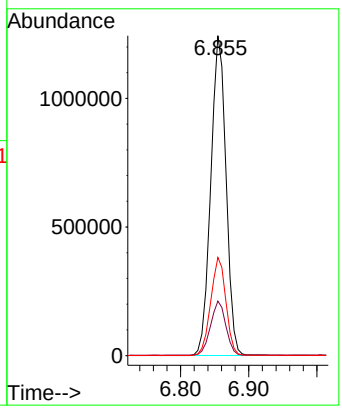


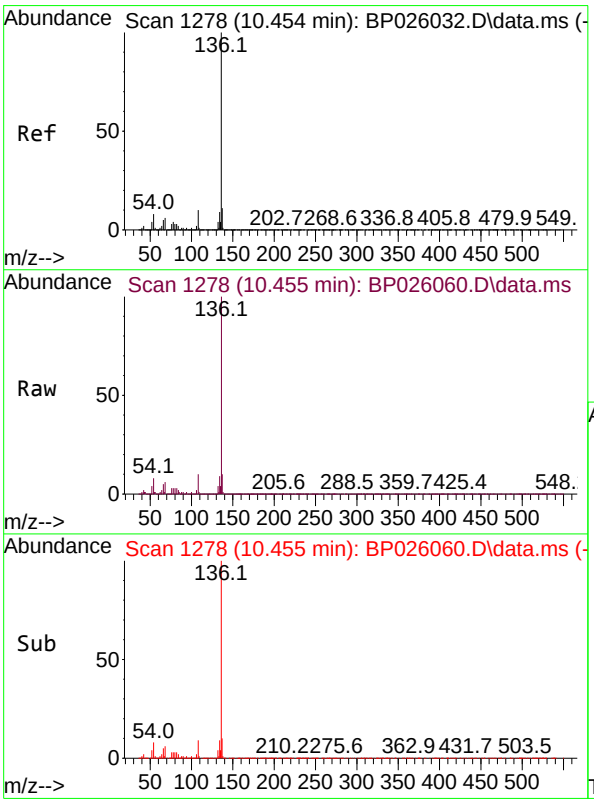
#7
Phenol-d6
Concen: 74.620 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion: 99 Resp: 1931703

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	30.7	24.4	36.6

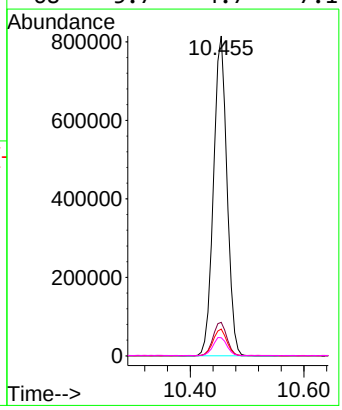


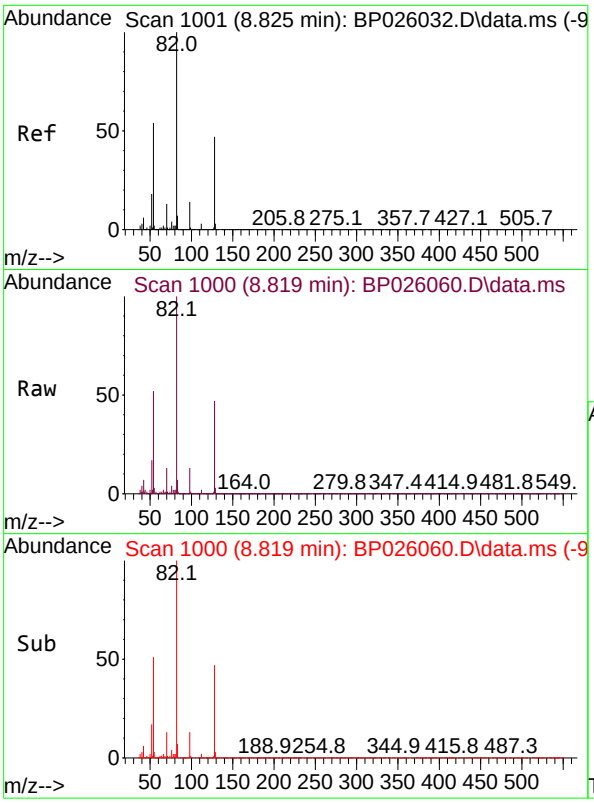


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:136 Resp: 1339601

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.4	6.6	10.0
68	5.7	4.7	7.1



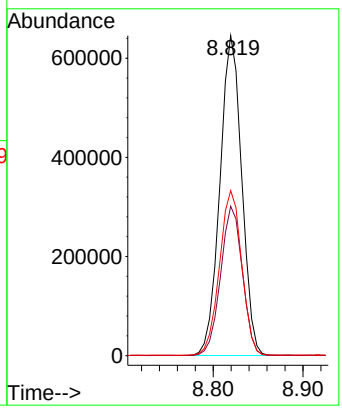


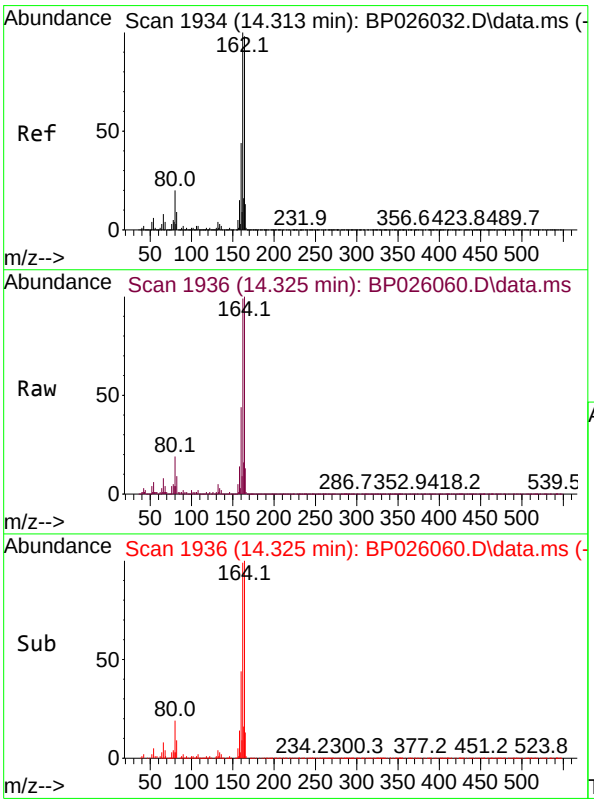
#23
Nitrobenzene-d5
Concen: 50.911 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion: 82 Resp: 1094006

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	51.6	42.7	64.1

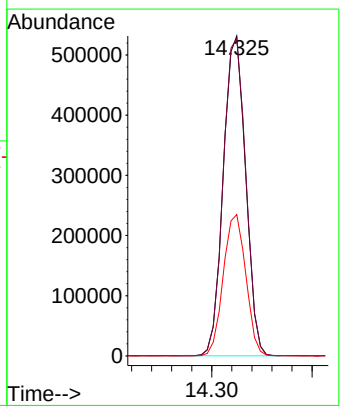


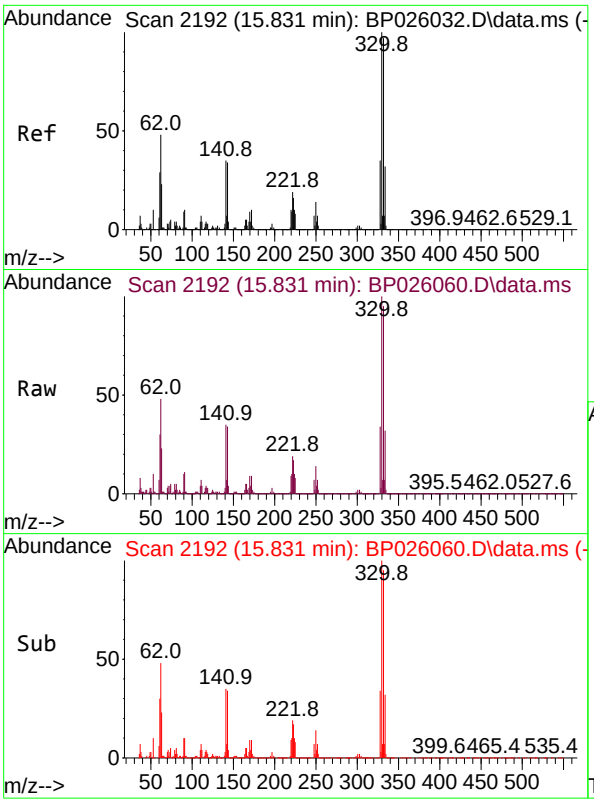


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:164 Resp: 820932

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.5	122.3
160	44.2	36.2	54.4



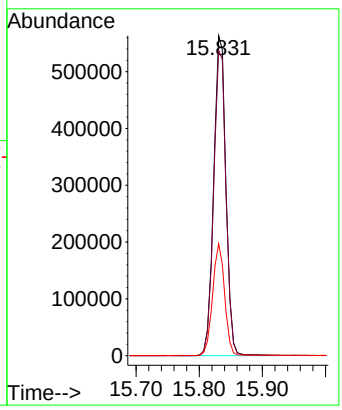


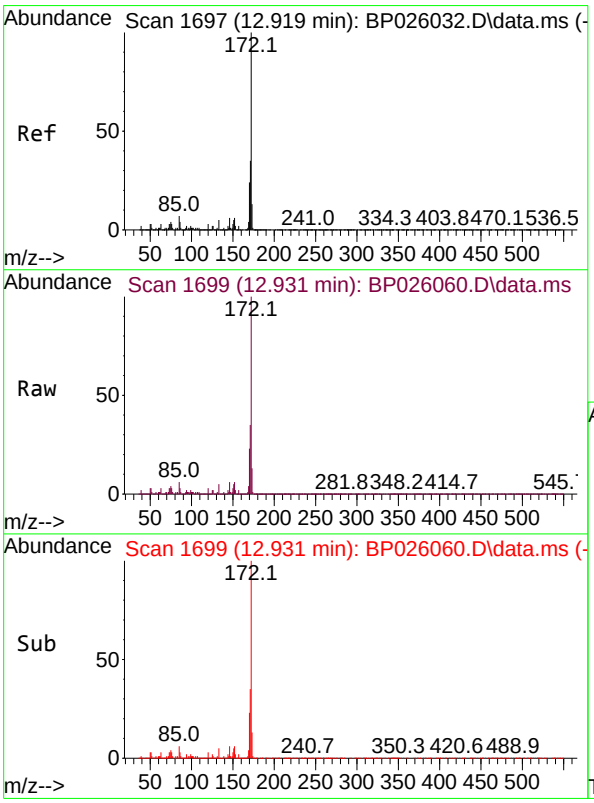
#42
2,4,6-Tribromophenol
Concen: 85.292 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:330 Resp: 756973

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	34.4	28.6	42.8

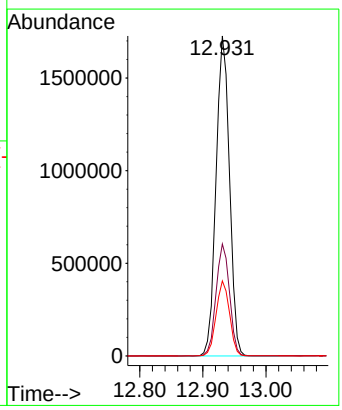


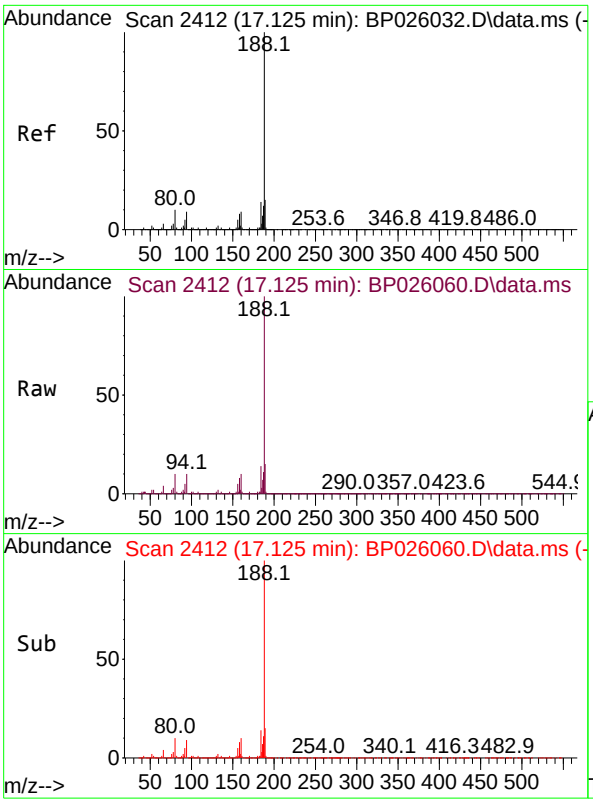


#45
2-Fluorobiphenyl
Concen: 44.642 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:172 Resp: 2550471

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.0	28.4



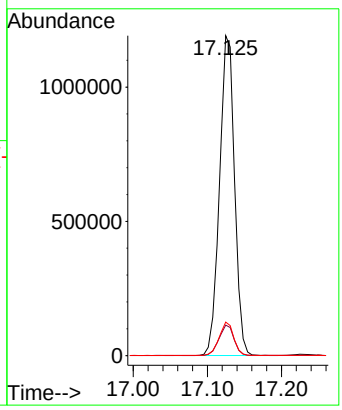


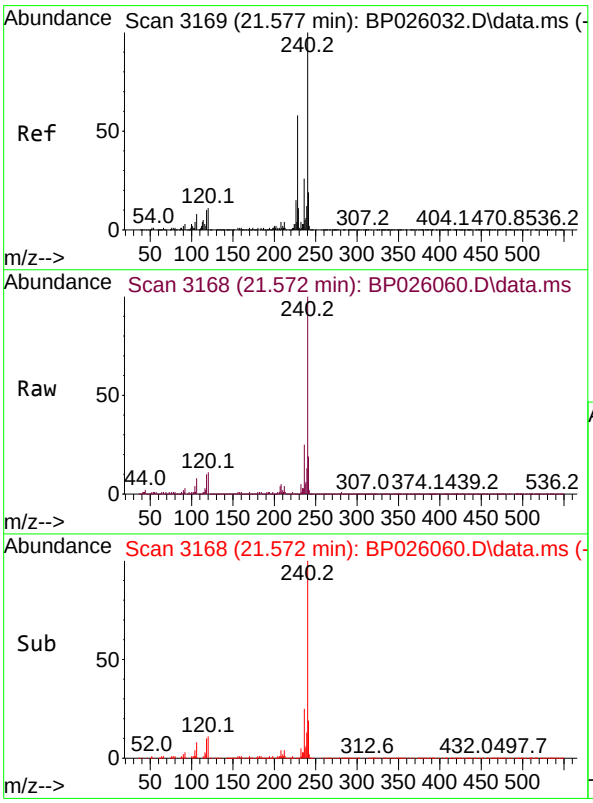
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:188 Resp: 1674460

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.5	7.9	11.9

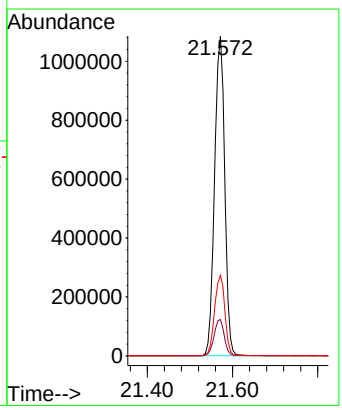




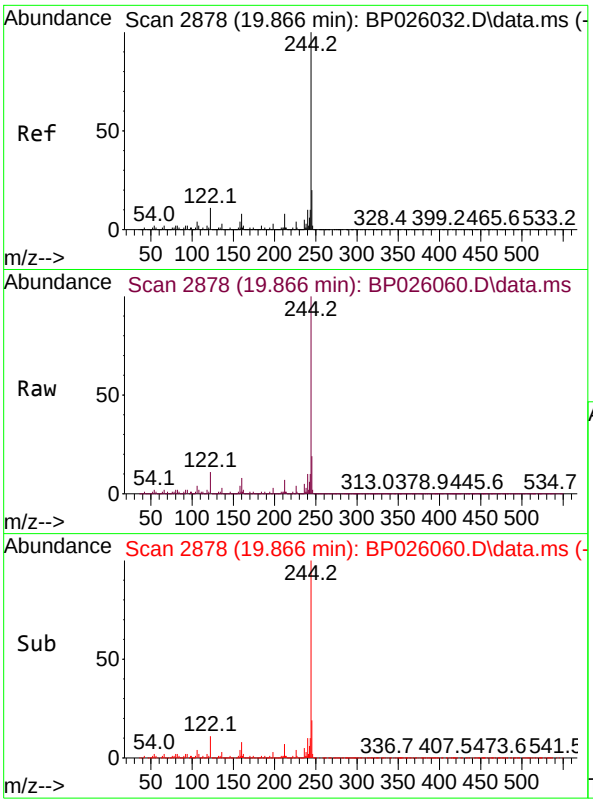
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:240 Resp: 1797769

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.2	20.6	31.0



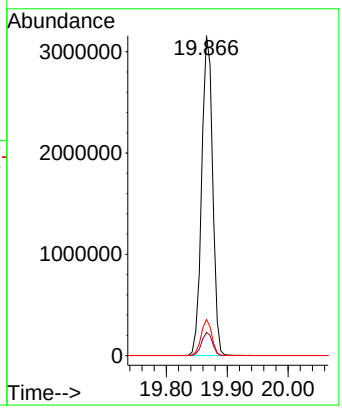
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

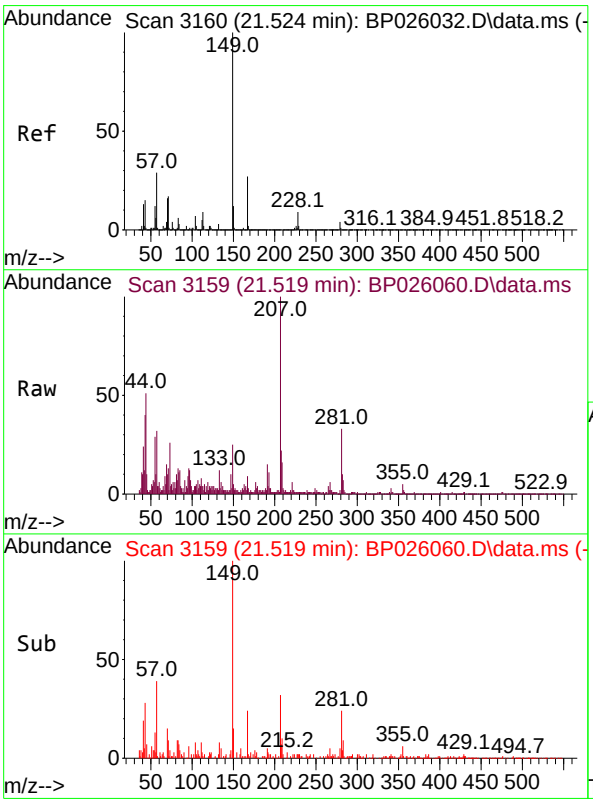


#79
Terphenyl-d14
Concen: 44.480 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:244 Resp: 3935857

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	9.0	13.6

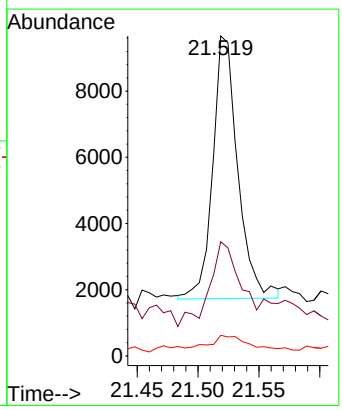


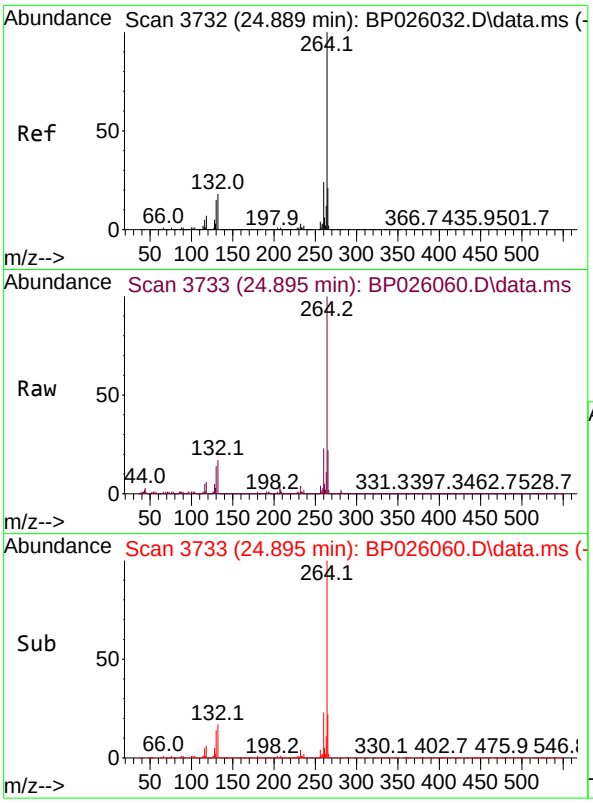


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.746 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:149 Resp: 11378

Ion	Ratio	Lower	Upper
149	100		
167	35.7	21.5	32.3#
279	6.4	3.0	4.6#



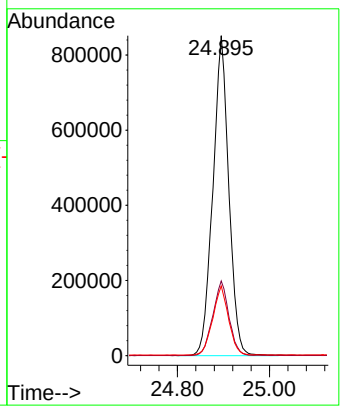


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:264 Resp: 2045798

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	17.2	25.8



Sample Results: **BP026060.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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: BP026060.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.302	394	402	413	rBV	3486134	5074713	48.25%	7.538%
2	6.855	659	666	676	rBV	3328312	5256310	49.98%	7.808%
3	7.684	800	807	814	rVB	1222421	1887661	17.95%	2.804%
4	8.819	988	1000	1009	rBV	1912442	3312967	31.50%	4.921%
5	10.455	1270	1278	1286	rBV	1593395	2669875	25.39%	3.966%
6	12.931	1692	1699	1706	rBV	4883210	7227287	68.72%	10.736%
7	14.048	1885	1889	1899	rBV2	89961	249292	2.37%	0.370%
8	14.148	1903	1906	1914	rVB2	93568	173379	1.65%	0.258%
9	14.325	1929	1936	1943	rBV	2190292	3460398	32.90%	5.140%
10	15.513	2134	2138	2147	rVB	89963	187710	1.78%	0.279%
11	15.707	2165	2171	2177	rBV	917908	1269074	12.07%	1.885%
12	15.831	2186	2192	2202	rBV	4372626	5831631	55.45%	8.663%
13	16.284	2264	2269	2278	rVB	142295	212311	2.02%	0.315%
14	17.125	2406	2412	2425	rVB	2882635	4076611	38.76%	6.056%
15	18.089	2570	2576	2586	rBV	1891394	2968681	28.23%	4.410%
16	19.419	2798	2802	2819	rBV	712226	1188421	11.30%	1.765%
17	19.672	2841	2845	2849	rBV	414777	534614	5.08%	0.794%
18	19.866	2873	2878	2888	rVB	8486438	10516523	100.00%	15.622%
19	20.142	2923	2925	2929	rVB	112777	126732	1.21%	0.188%
20	21.266	3112	3116	3123	rBV	569121	937798	8.92%	1.393%
21	21.572	3161	3168	3176	rBV2	2887830	4753422	45.20%	7.061%
22	24.895	3724	3733	3747	rVB	2239423	5402664	51.37%	8.026%

Sum of corrected areas: 67318074

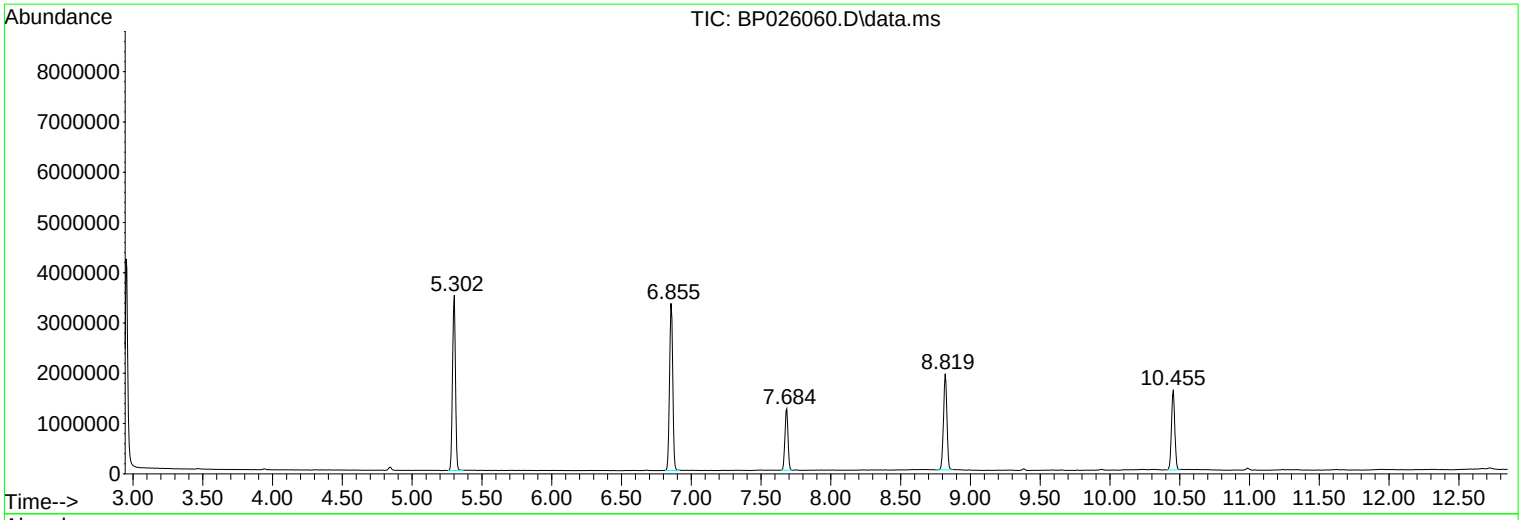
Sample Results: **BP026060.D**

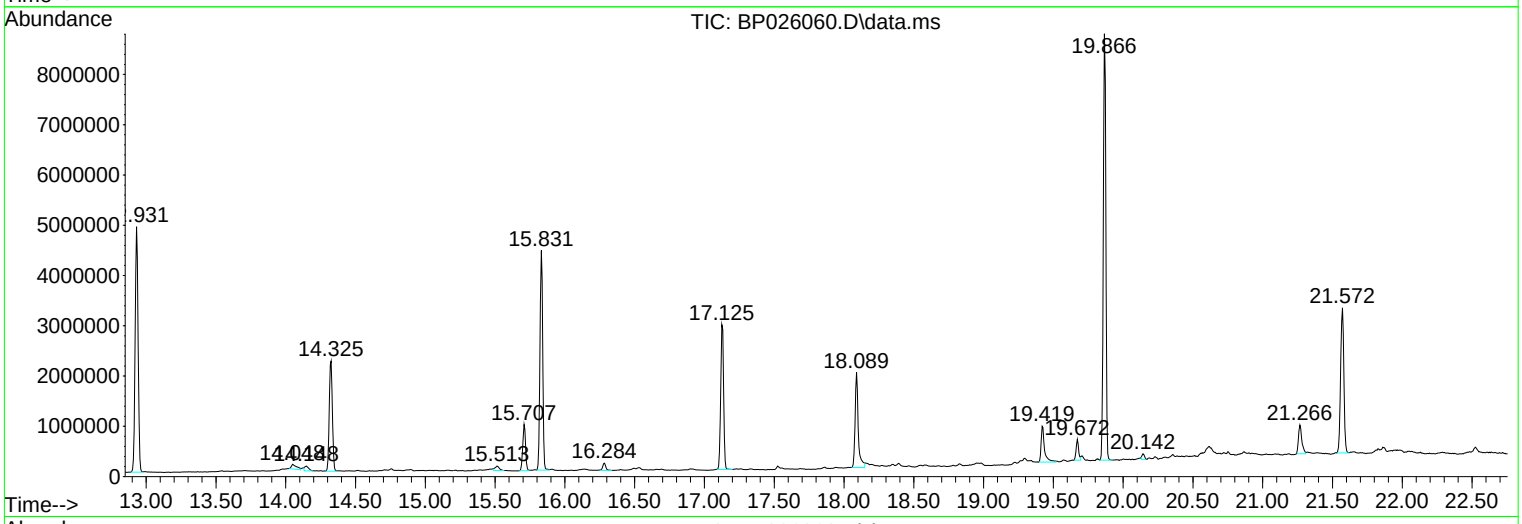
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

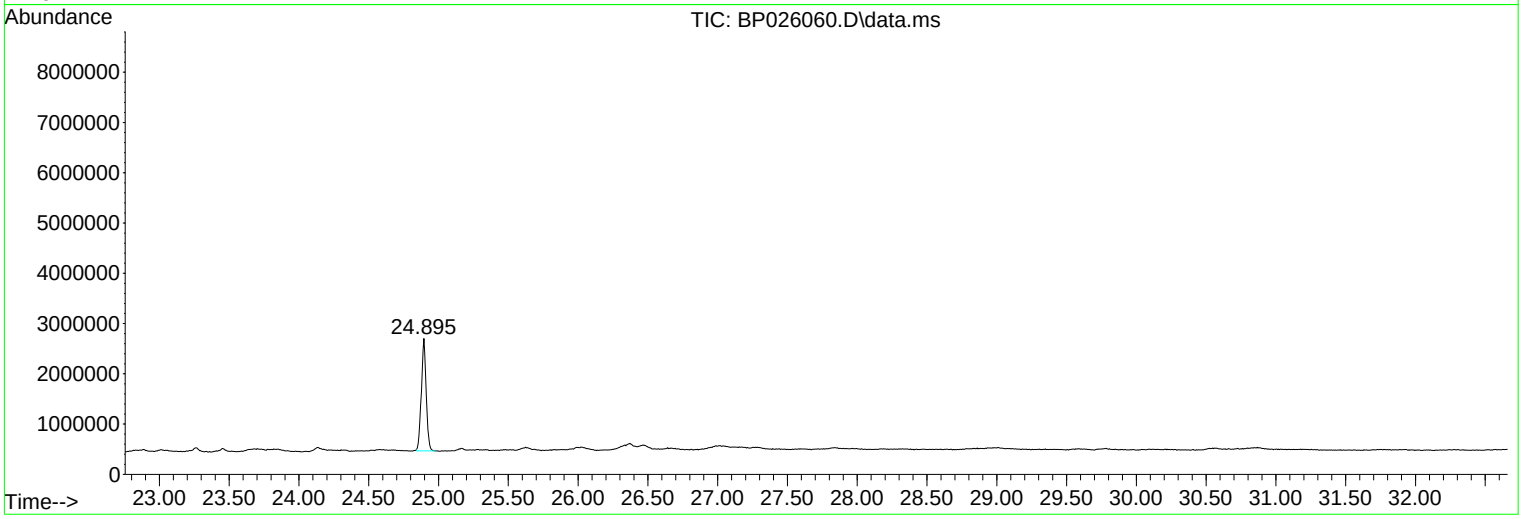
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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

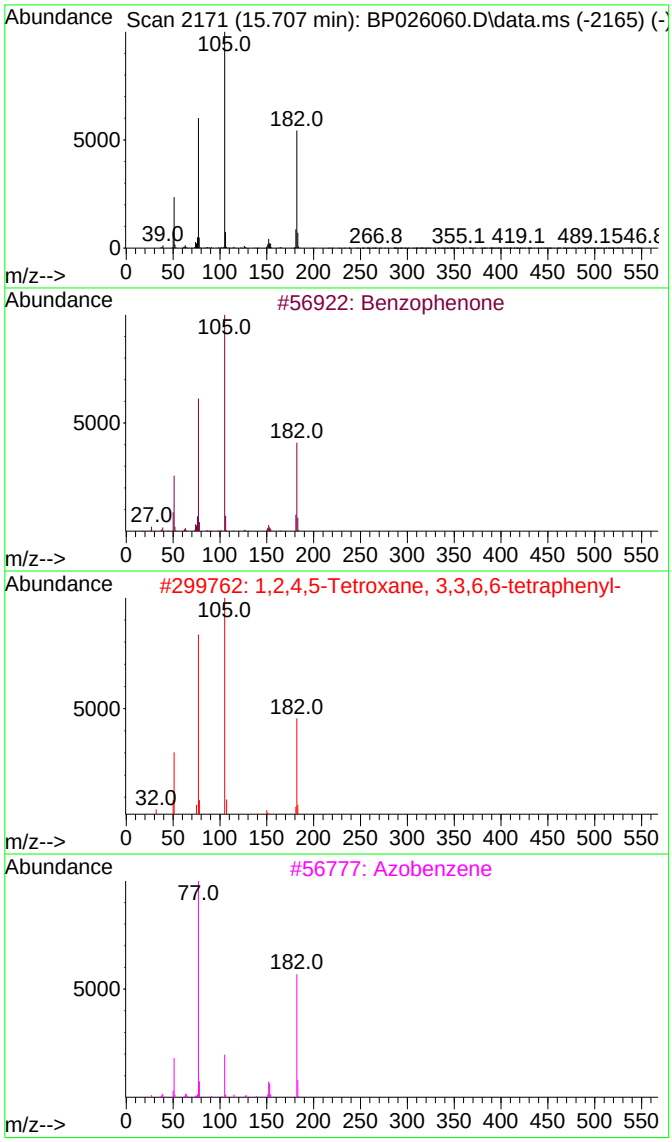
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

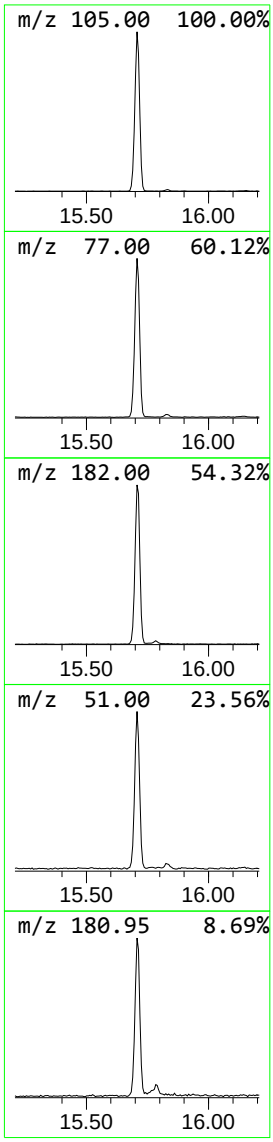
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	7.33 ng	1269070	Acenaphthene-d10	14.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	72
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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

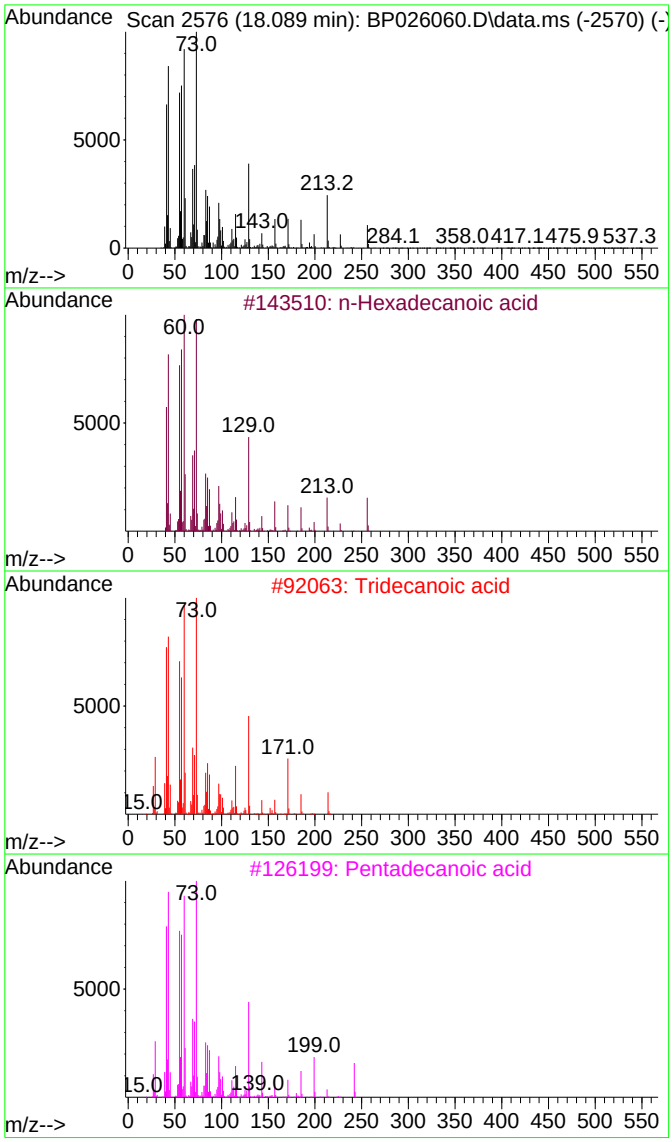
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

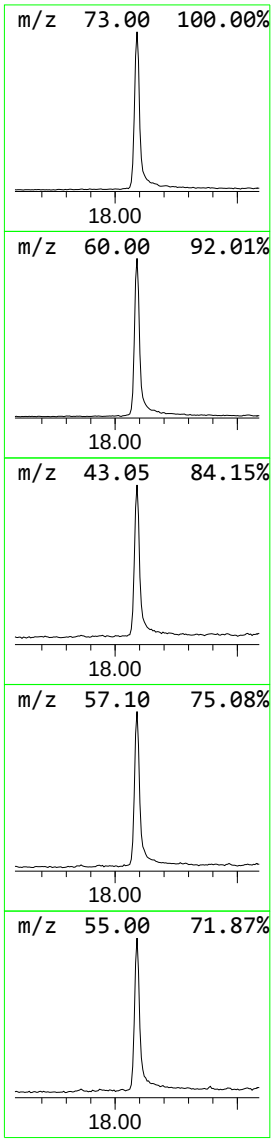
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	14.56 ng	2968680	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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

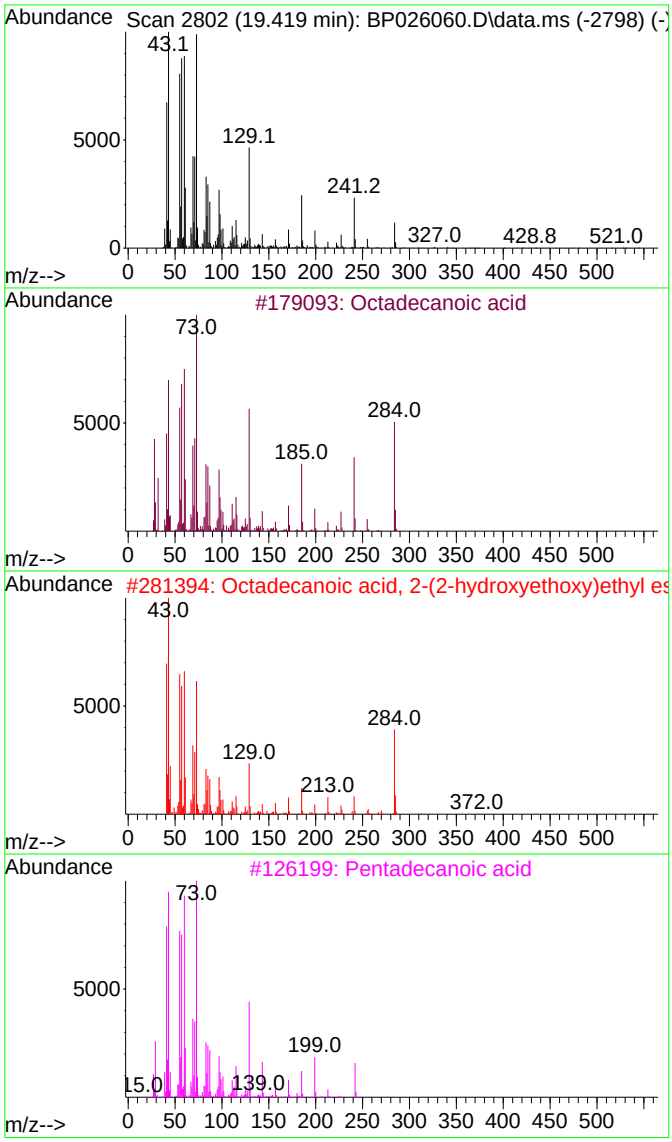
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

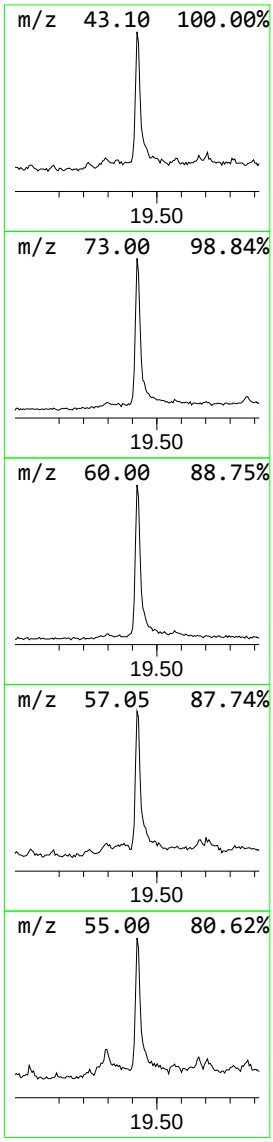
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	5.00 ng	1188420	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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

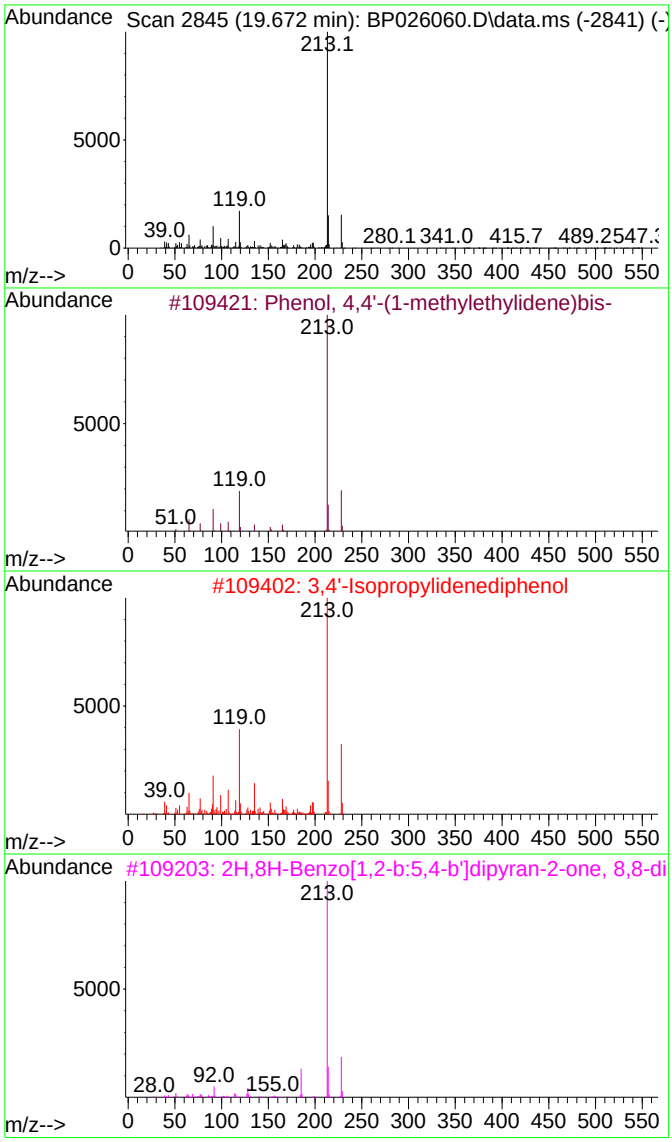
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

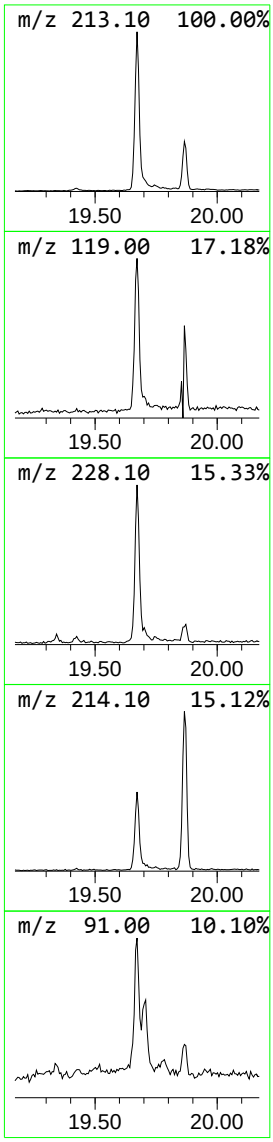
****

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.672	2.25 ng	534614	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	55
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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

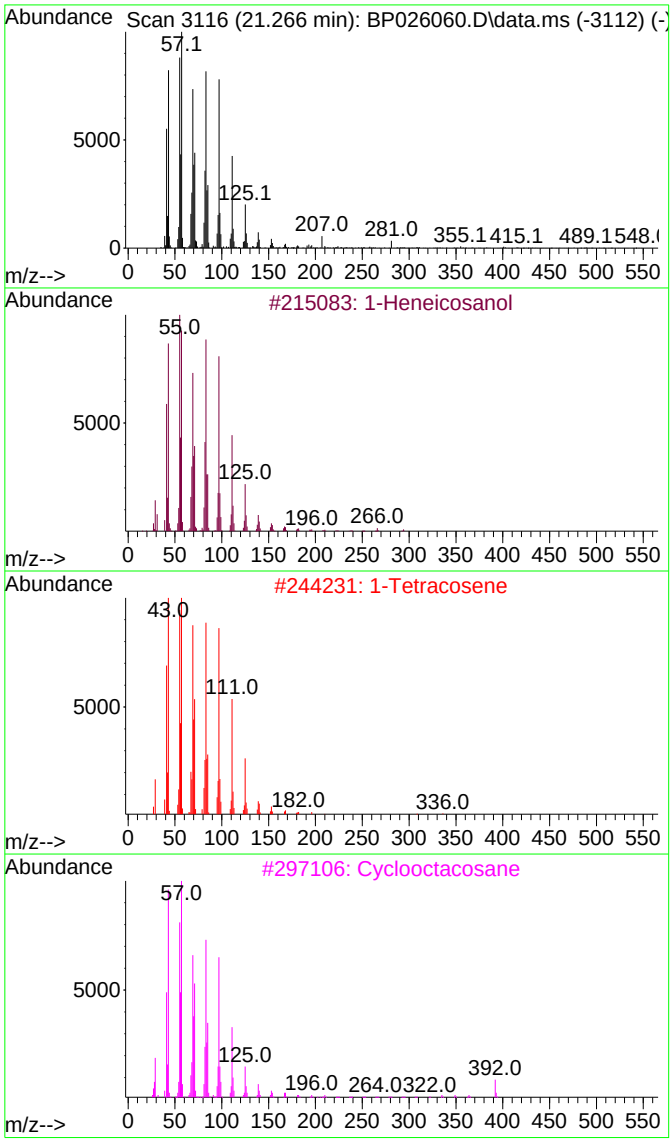
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

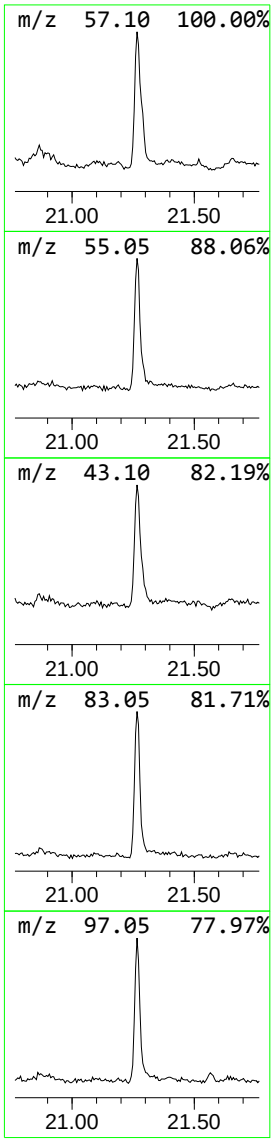
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	3.95 ng	937798	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	Cyclooctacosane	392	C28H56	000297-24-5	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

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	15.707	7.3	ng	1269070	3	14.325	3460400	20.0
n-Hexadecanoic ...	18.089	14.6	ng	2968680	4	17.125	4076610	20.0
Octadecanoic acid	19.419	5.0	ng	1188420	5	21.572	4753420	20.0
Phenol, 4,4'-(1...	19.672	2.3	ng	534614	5	21.572	4753420	20.0
1-Heneicosanol	21.266	4.0	ng	937798	5	21.572	4753420	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

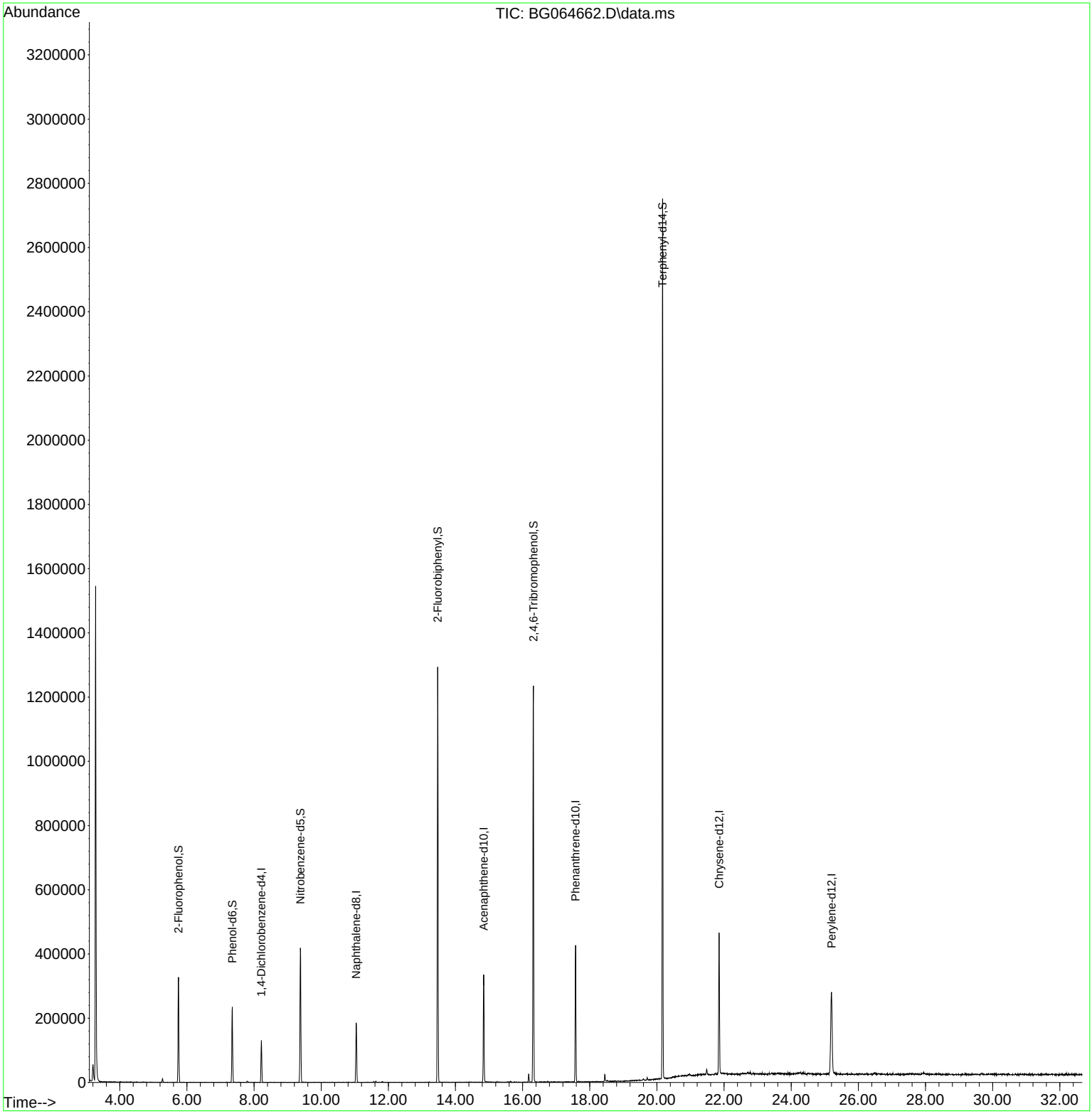
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	37784	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	154992	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121331	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	273070	20.000	ng	0.00
76) Chrysene-d12	21.849	240	293377	20.000	ng	-0.01
86) Perylene-d12	25.198	264	322218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	133611	59.355	ng	0.00
7) Phenol-d6	7.354	99	126232	40.866	ng	0.00
23) Nitrobenzene-d5	9.381	82	236497	91.647	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	279559	159.641	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	685414	85.626	ng	0.00
79) Terphenyl-d14	20.168	244	1415043	91.024	ng	0.00
Target Compounds						Qvalue

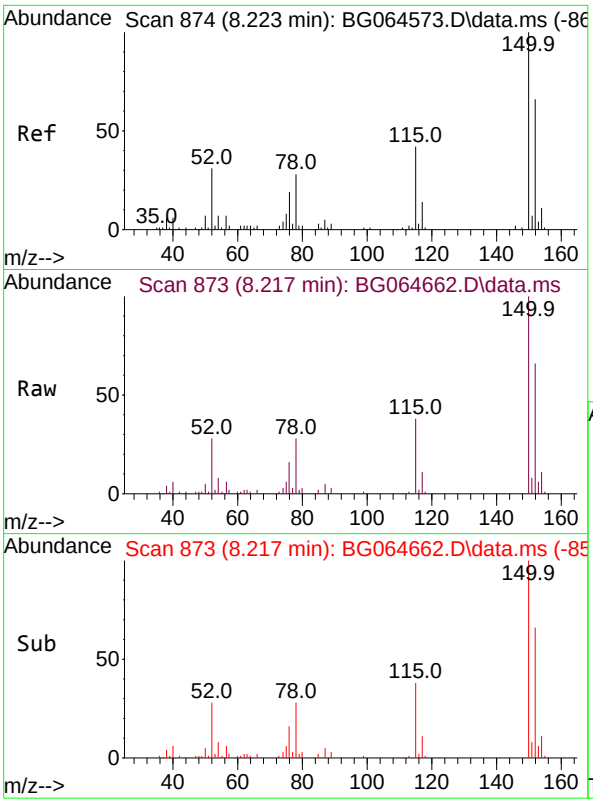
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



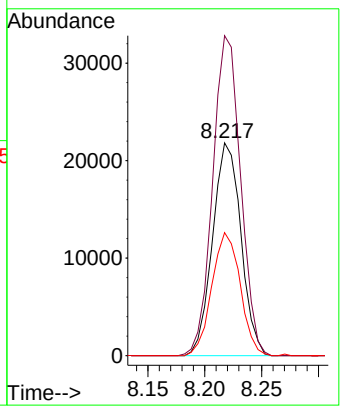


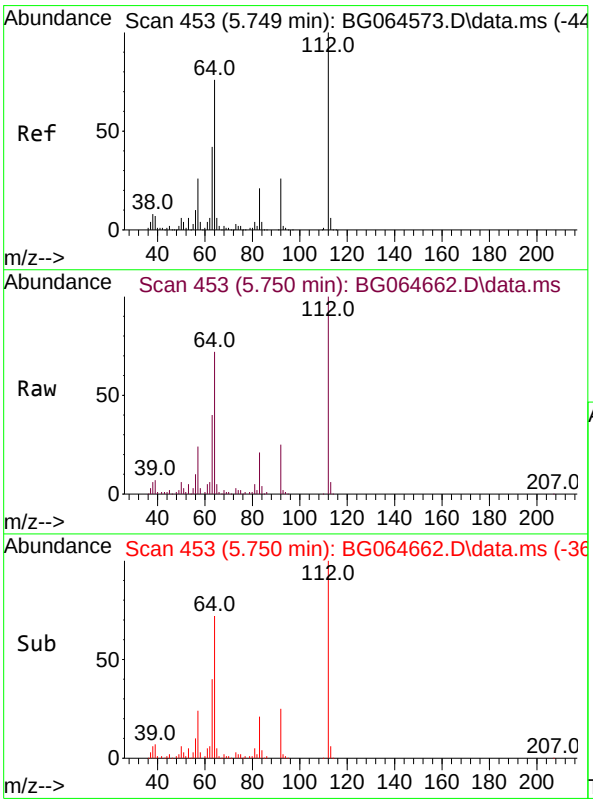
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:152 Resp: 37784

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.4
115	57.8	50.8	76.2

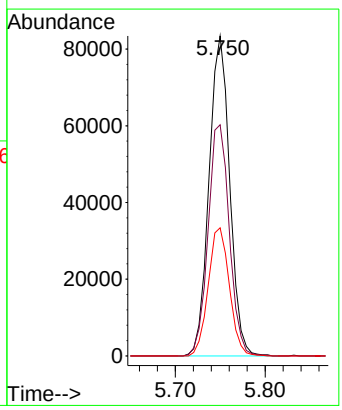


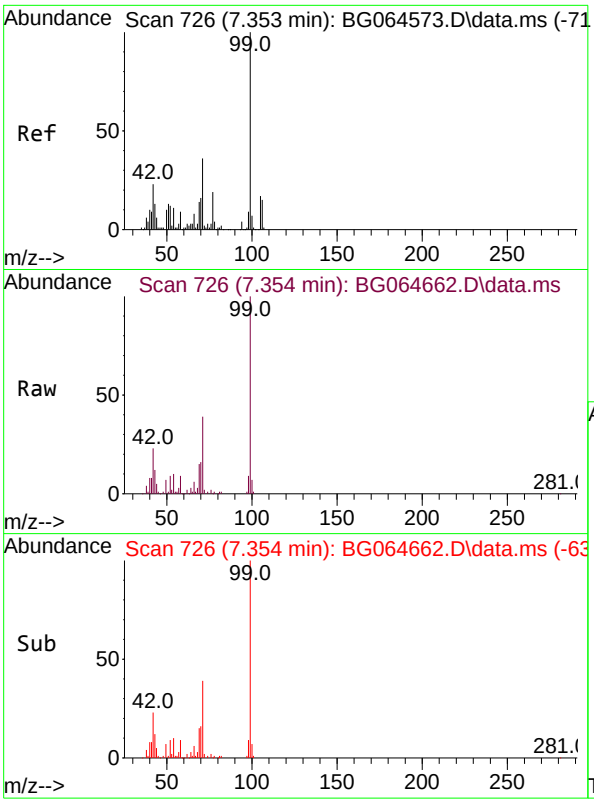


#5
2-Fluorophenol
Concen: 59.355 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:112 Resp: 133611

Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.7	91.1
63	40.0	33.4	50.0



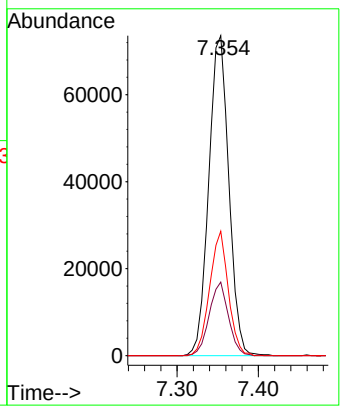


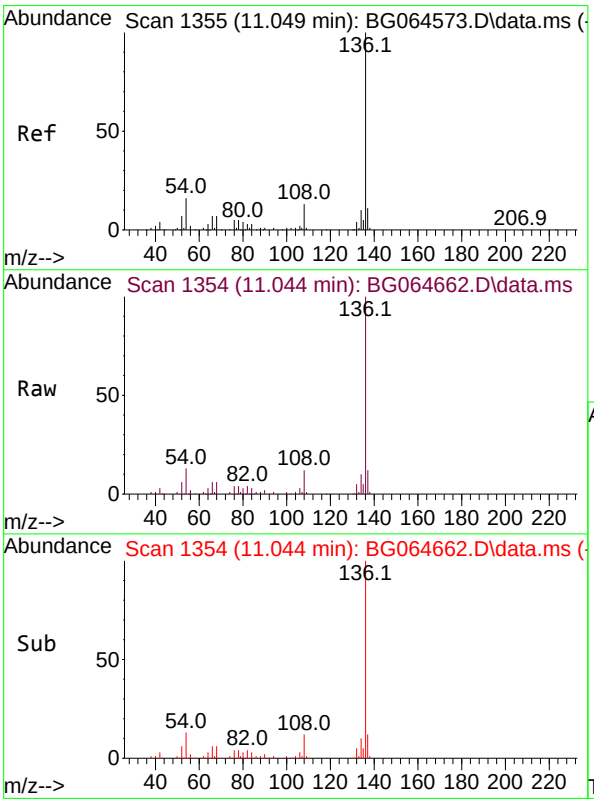
#7
Phenol-d6
Concen: 40.866 ng
RT: 7.354 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion: 99 Resp: 126232

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.3	27.5
71	38.9	28.6	43.0

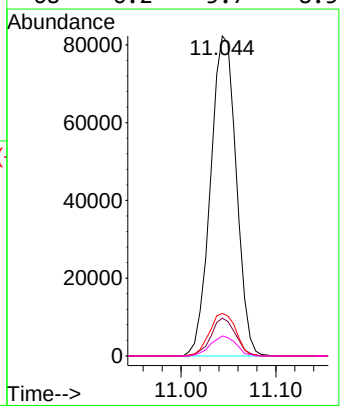


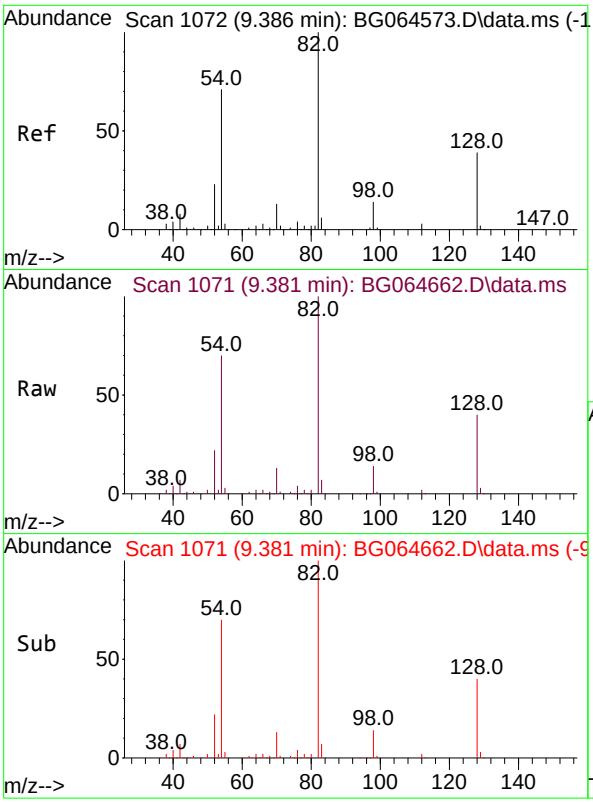


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:136 Resp: 154992

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	13.3	12.6	19.0
68	6.2	5.7	8.5



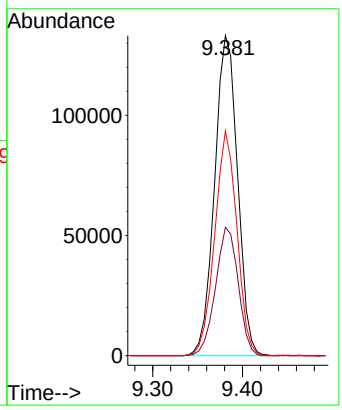


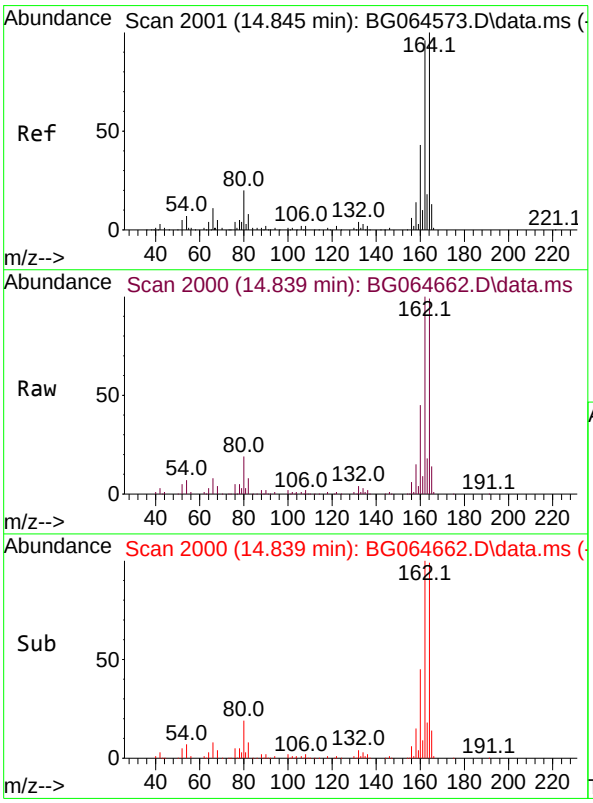
#23
Nitrobenzene-d5
Concen: 91.647 ng
RT: 9.381 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion: 82 Resp: 236497

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.3	46.9
54	70.2	56.6	84.8

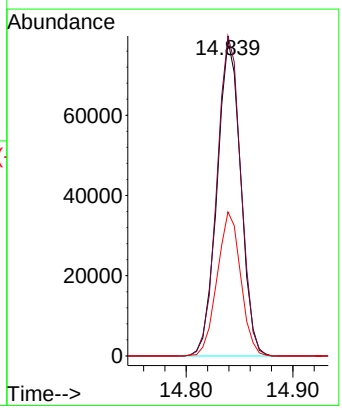


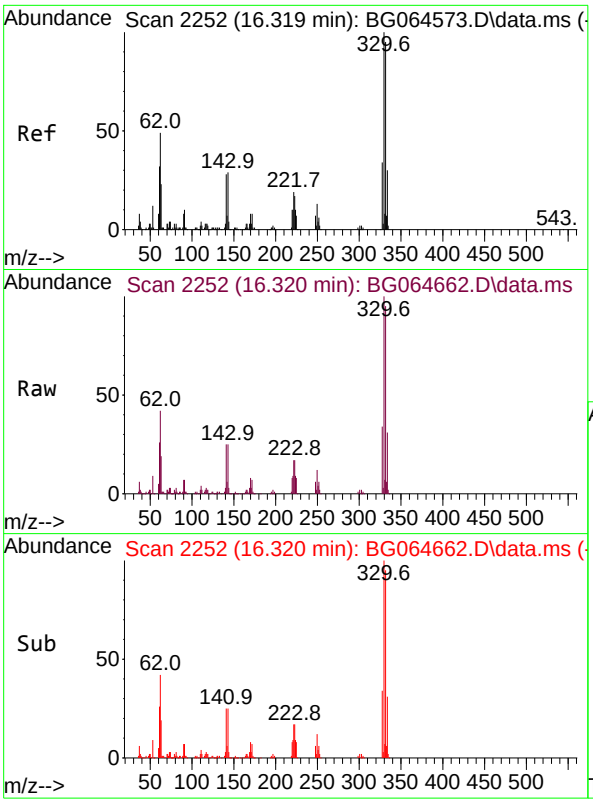


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:164 Resp: 121331

Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.0	115.6
160	45.5	34.4	51.6



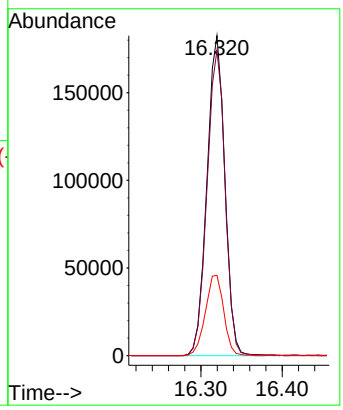


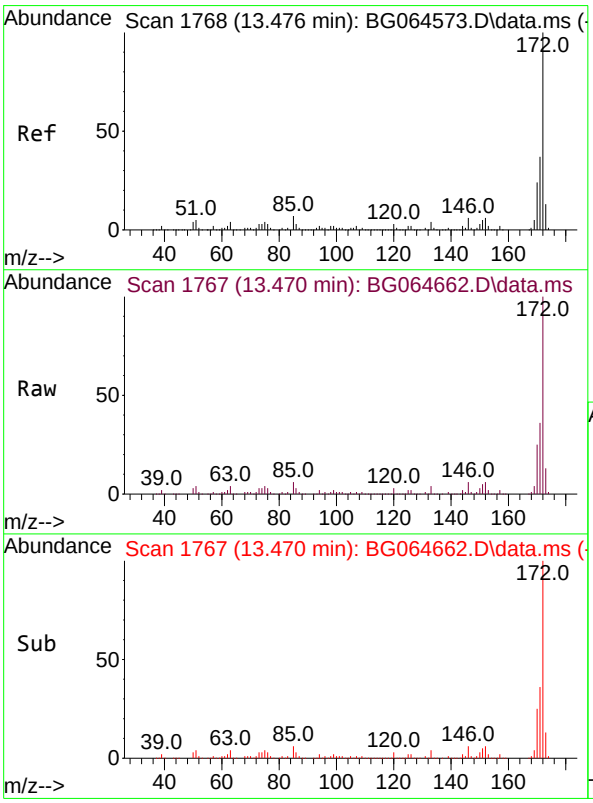
#42
2,4,6-Tribromophenol
Concen: 159.641 ng
RT: 16.320 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:330 Resp: 279559

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	25.8	21.8	32.6

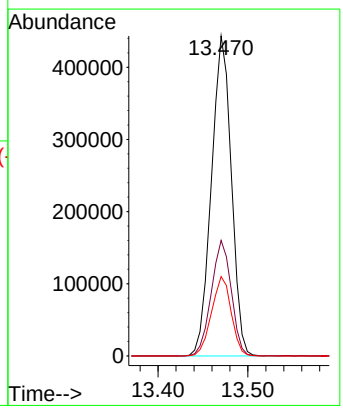


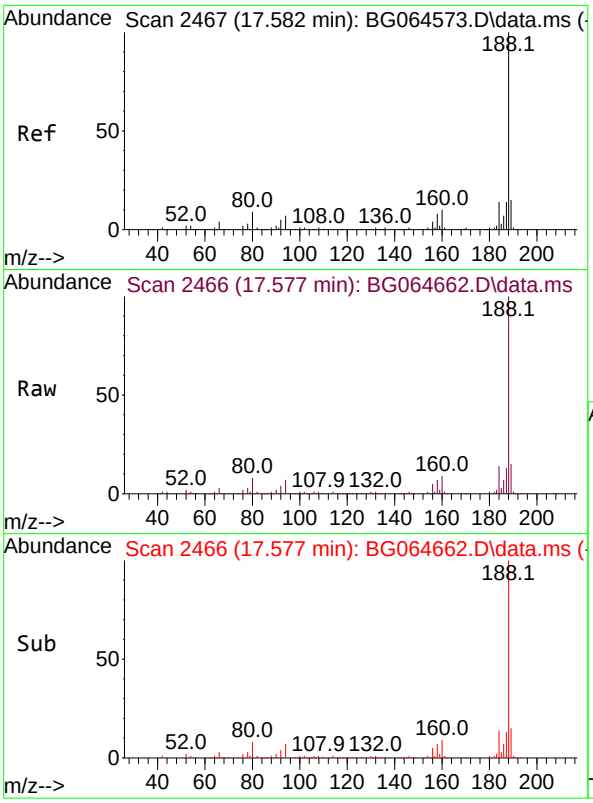


#45
2-Fluorobiphenyl
Concen: 85.626 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:172 Resp: 685414

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.8	19.1	28.7



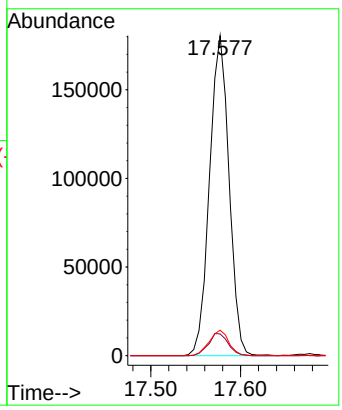


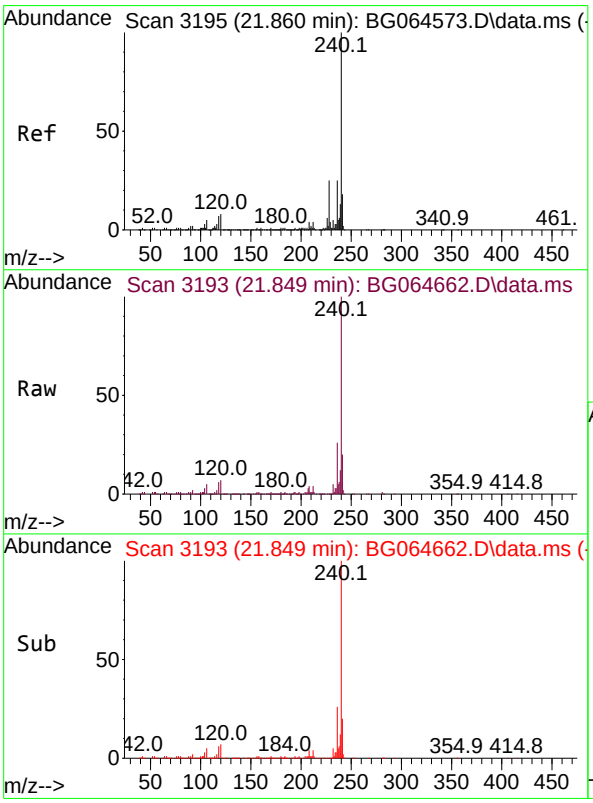
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:188 Resp: 273070

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	7.9	6.8	10.2

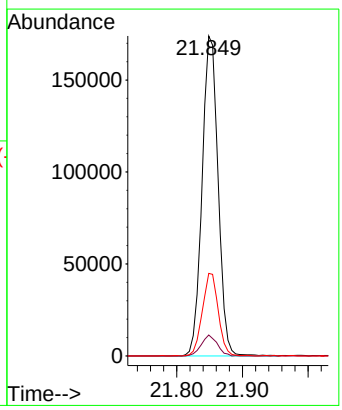


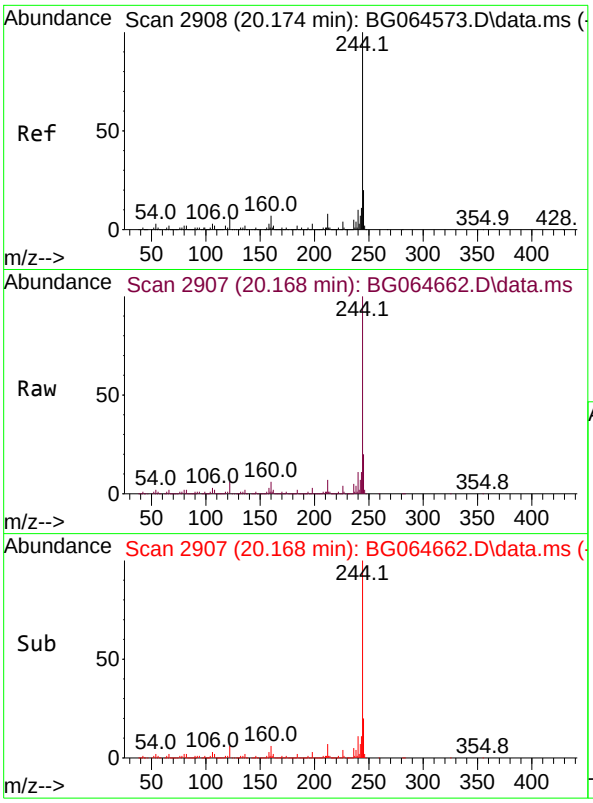


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:240 Resp: 293377

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7
236	25.8	20.2	30.2



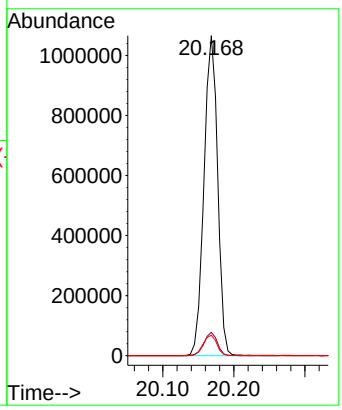


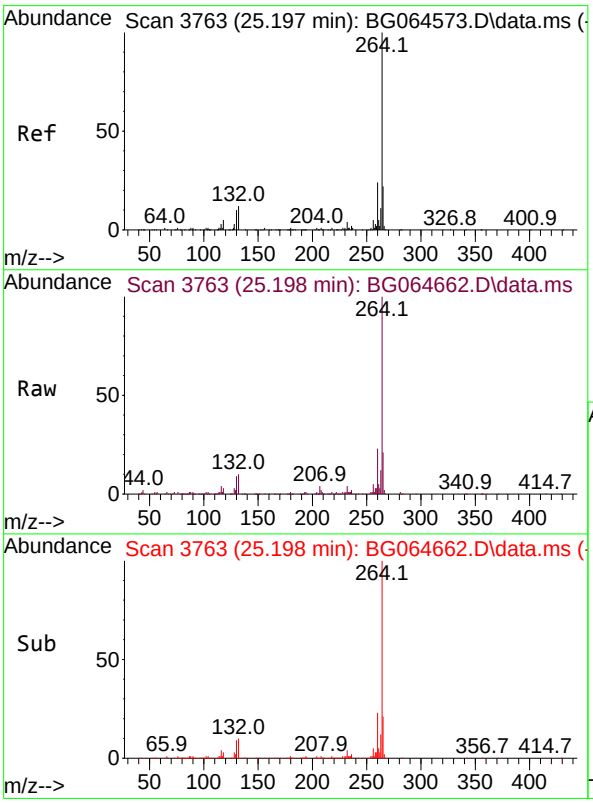
#79
Terphenyl-d14
Concen: 91.024 ng
RT: 20.168 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:244 Resp: 1415043

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.4	5.6	8.4

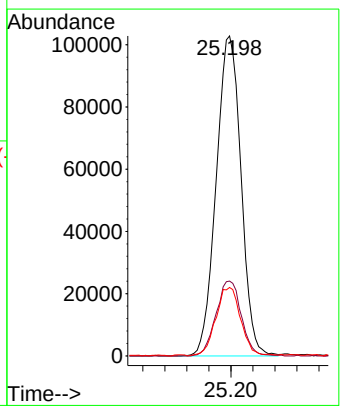




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:264 Resp: 322218

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.4	17.6	26.4



Sample Results: **BG064662.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

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_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.206	13	20	27	rBV	50516	107090	2.98%	0.713%
2	3.282	27	33	53	rVB	1543683	2394255	66.53%	15.949%
3	5.750	446	453	464	rBV	327368	535520	14.88%	3.567%
4	7.354	718	726	736	rBV	234453	399311	11.10%	2.660%
5	8.217	865	873	880	rBV	130781	221872	6.17%	1.478%
6	9.381	1063	1071	1080	rBV	418437	743213	20.65%	4.951%
7	11.044	1347	1354	1362	rBV	185567	341306	9.48%	2.274%
8	13.470	1760	1767	1775	rBV	1293761	1993677	55.40%	13.280%
9	14.839	1992	2000	2010	rBV	335312	525606	14.61%	3.501%
10	16.179	2224	2228	2235	rBV	25075	36768	1.02%	0.245%
11	16.320	2244	2252	2265	rBV	1234503	1919480	53.34%	12.786%
12	17.577	2459	2466	2473	rBV2	425553	644118	17.90%	4.291%
13	20.168	2900	2907	2914	rBV	2740835	3598697	100.00%	23.972%
14	21.849	3187	3193	3201	rBV	439962	744298	20.68%	4.958%
15	25.198	3751	3763	3776	rBV	256277	807040	22.43%	5.376%

Sum of corrected areas: 15012251

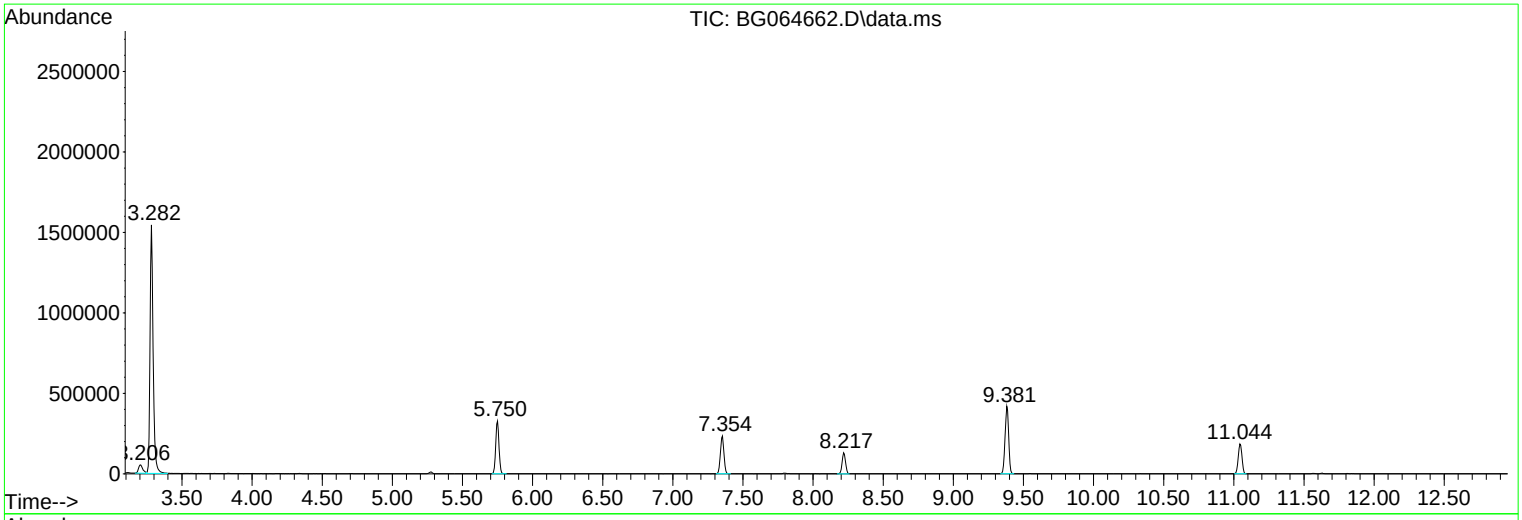
Sample Results: **BG064662.D**

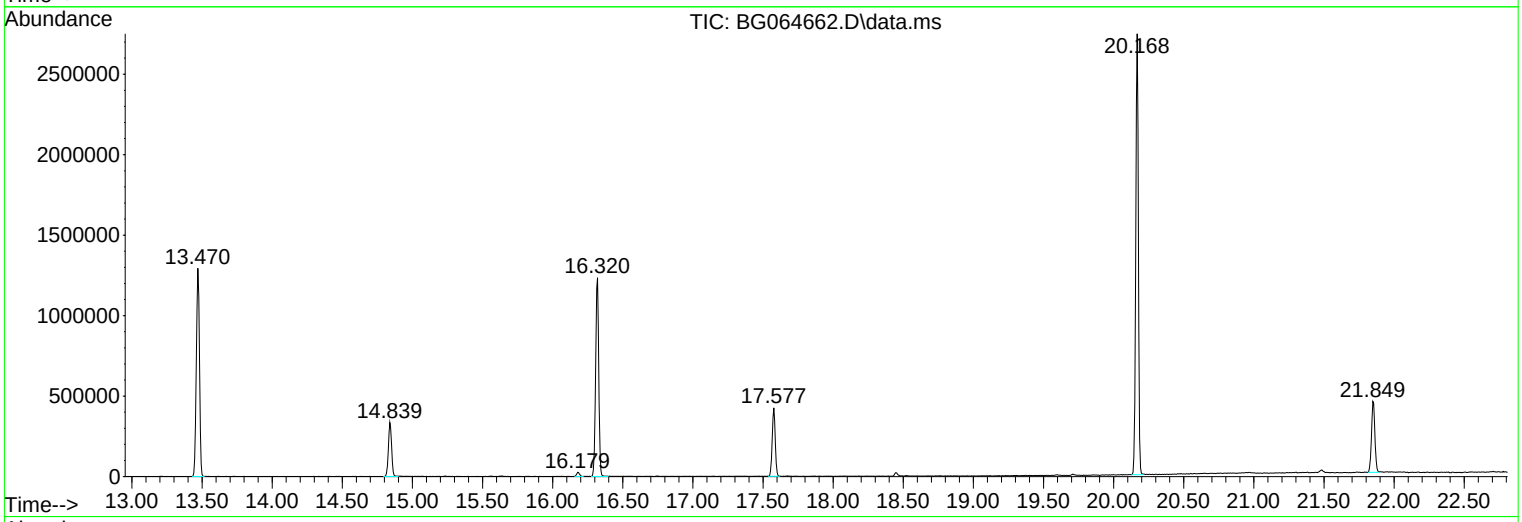
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

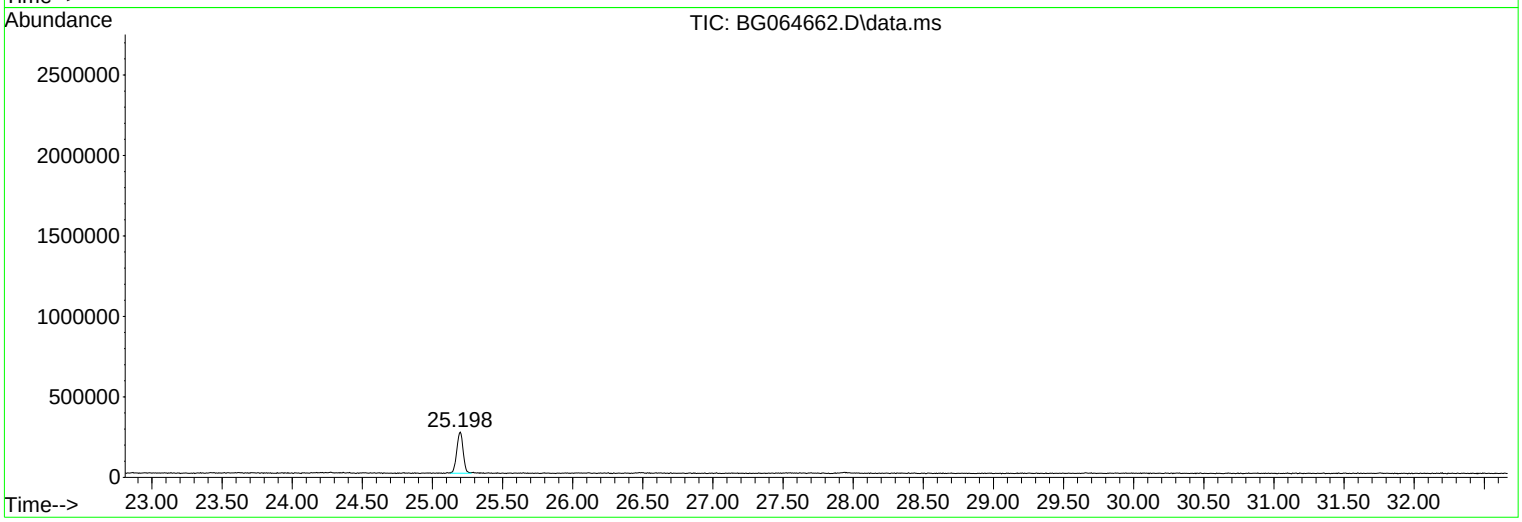
Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 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

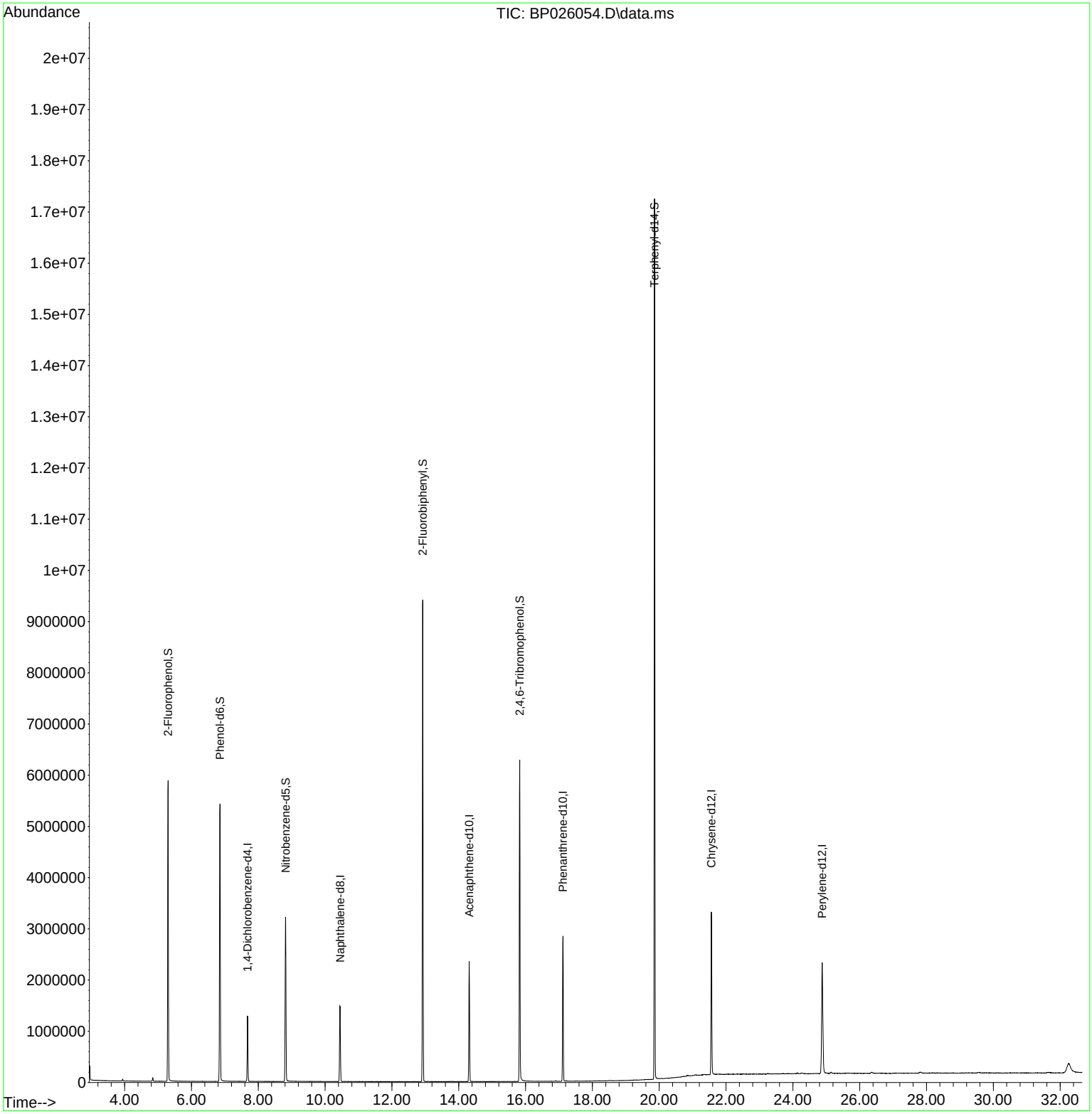
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	336600	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1298621	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	793578	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1683386	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1852671	20.000	ng	0.00
86) Perylene-d12	24.877	264	2010353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2600508	127.483	ng	0.00
7) Phenol-d6	6.855	99	3164552	121.884	ng	0.00
23) Nitrobenzene-d5	8.819	82	1791159	85.984	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1090809	127.143	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4577987	82.893	ng	0.00
79) Terphenyl-d14	19.860	244	7774571	85.258	ng	0.00
Target Compounds						Qvalue

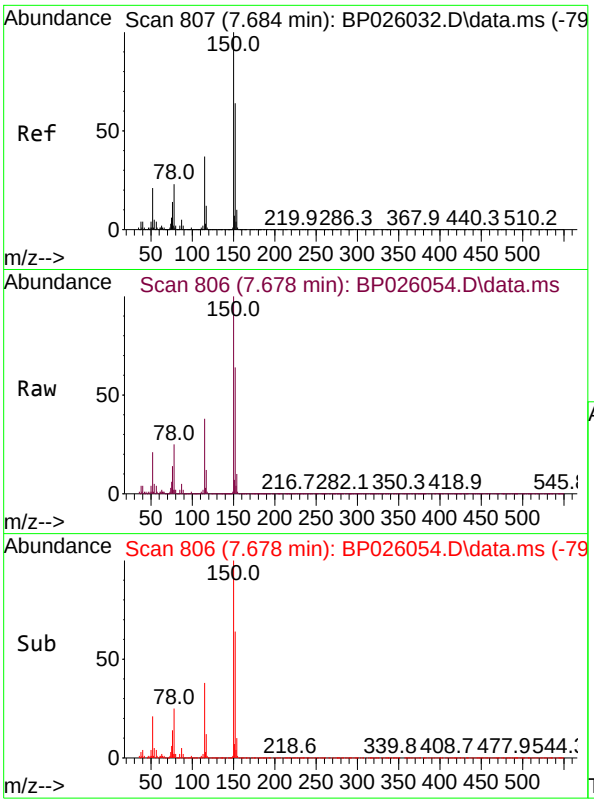
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 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



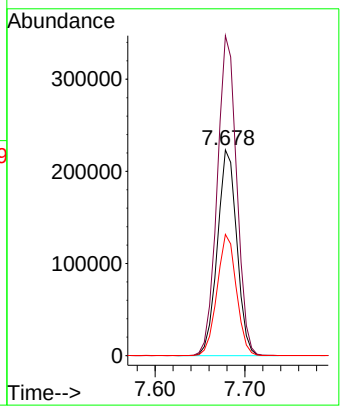


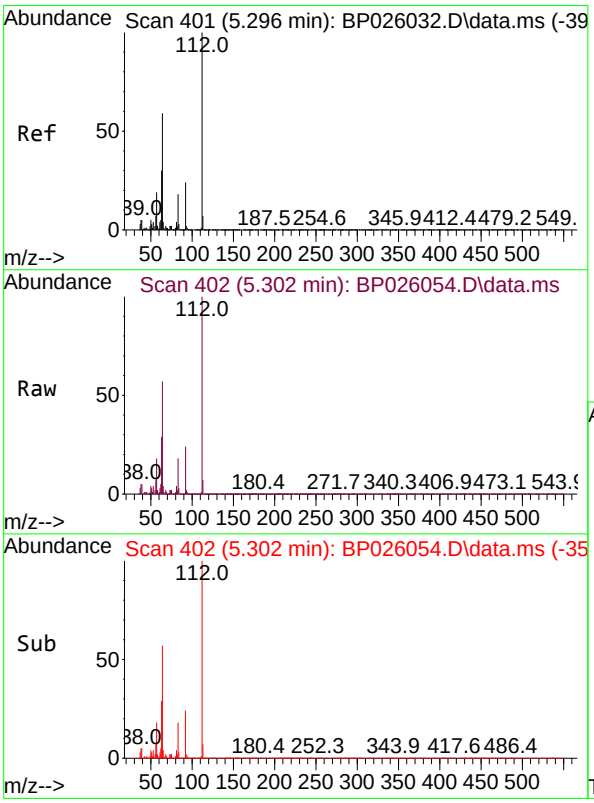
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:152 Resp: 336600

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.9	46.4	69.6

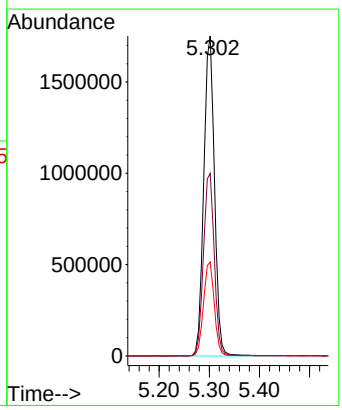


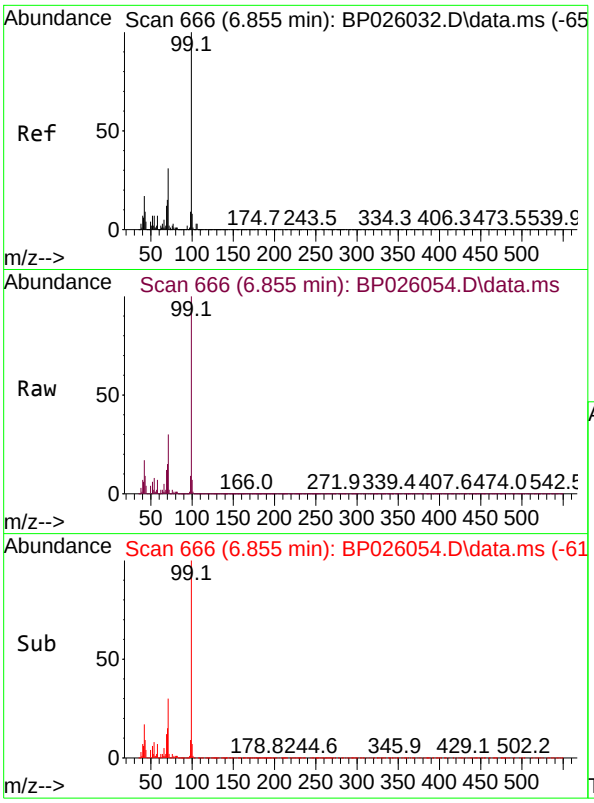


#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:112 Resp: 2600508

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	29.3	24.2	36.4



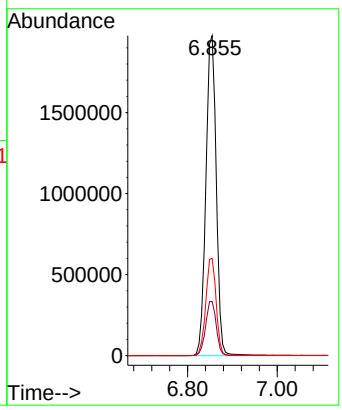


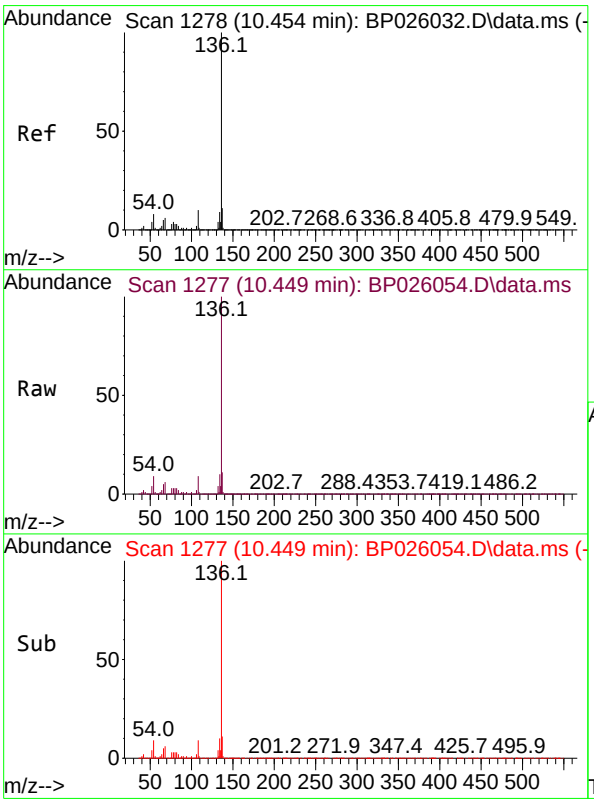
#7
Phenol-d6
Concen: 121.884 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 99 Resp: 3164552

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	30.4	24.4	36.6

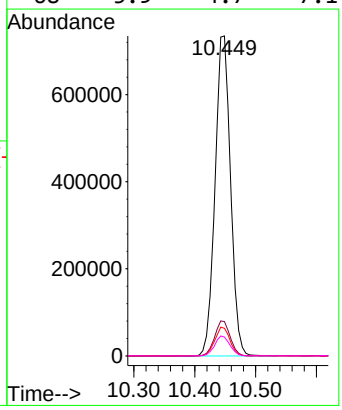


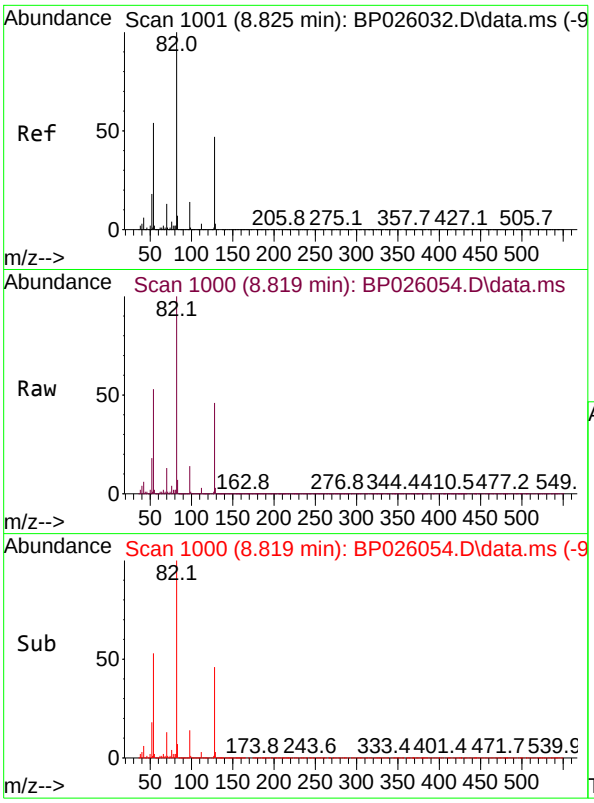


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:136 Resp: 1298621

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.6	6.6	10.0
68	5.9	4.7	7.1



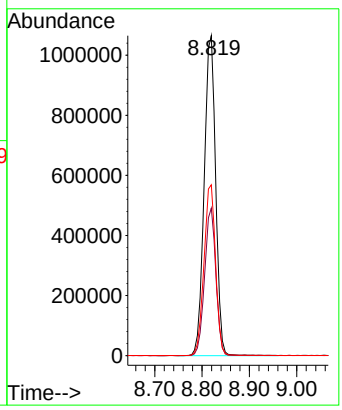


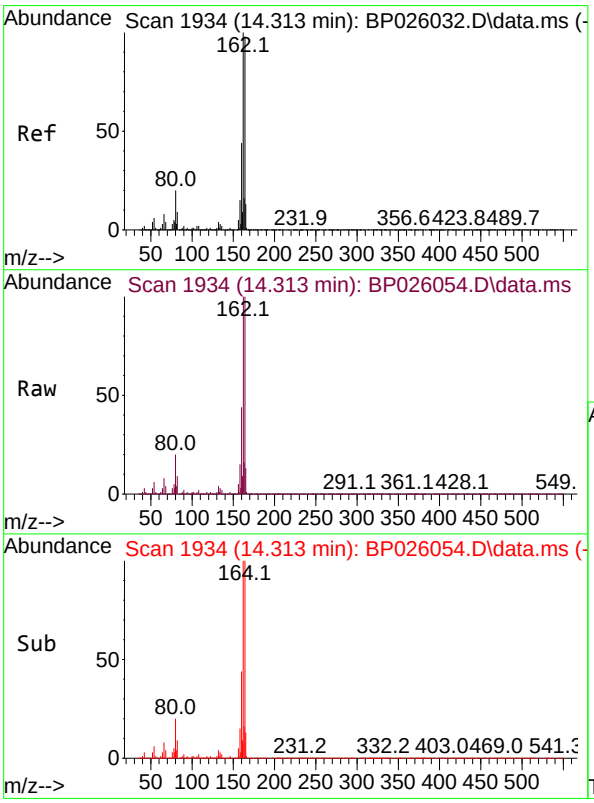
#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 82 Resp: 1791159

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.0
54	53.4	42.7	64.1

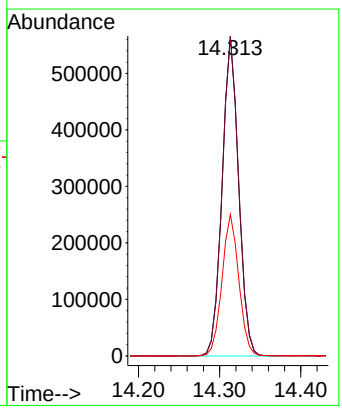


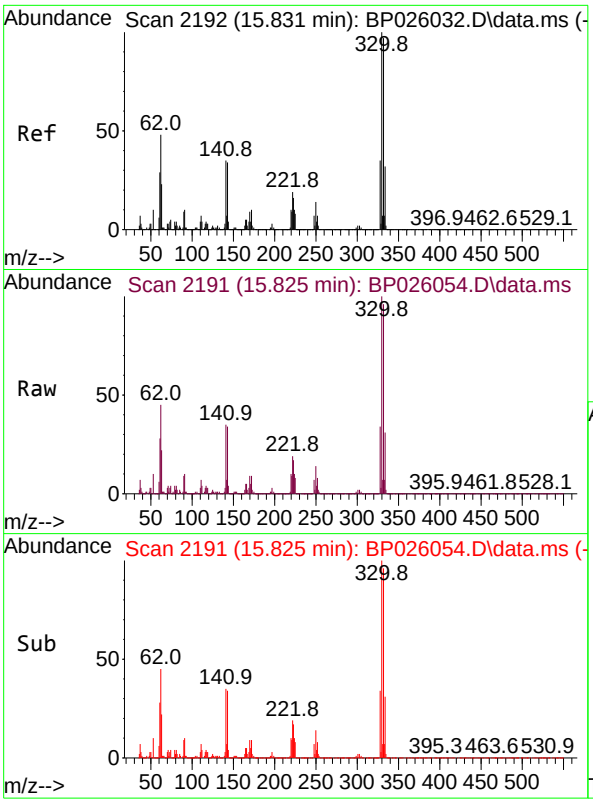


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:164 Resp: 793578

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	44.3	36.2	54.4



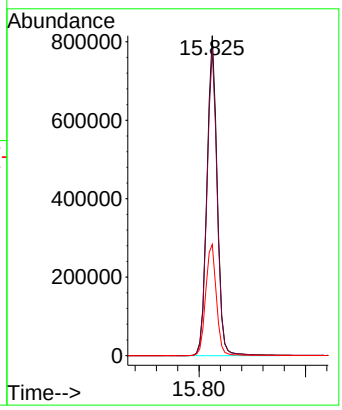


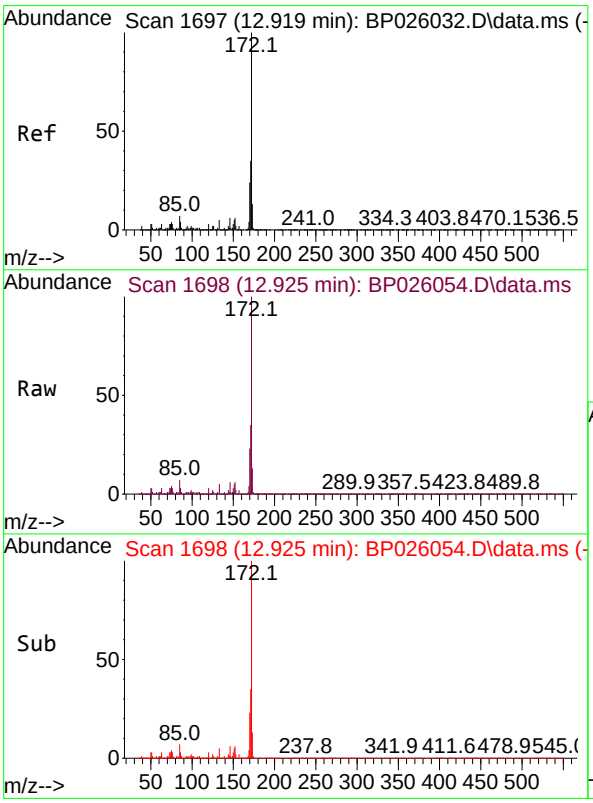
#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 15.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:330 Resp: 1090809

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.5	28.6	42.8

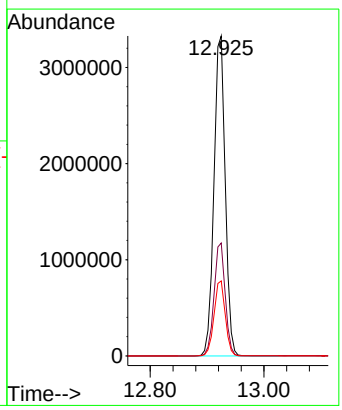


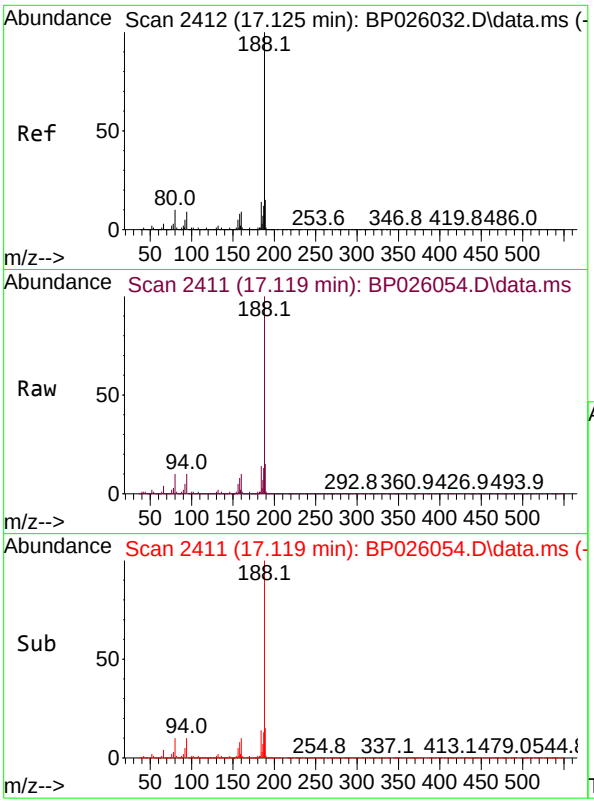


#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:172 Resp: 4577987

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.4	19.0	28.4



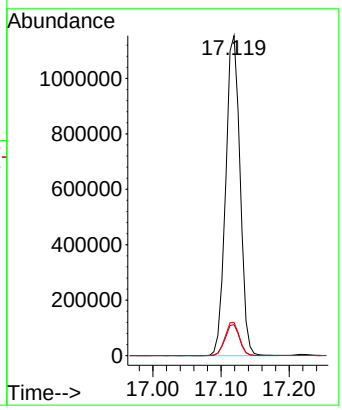


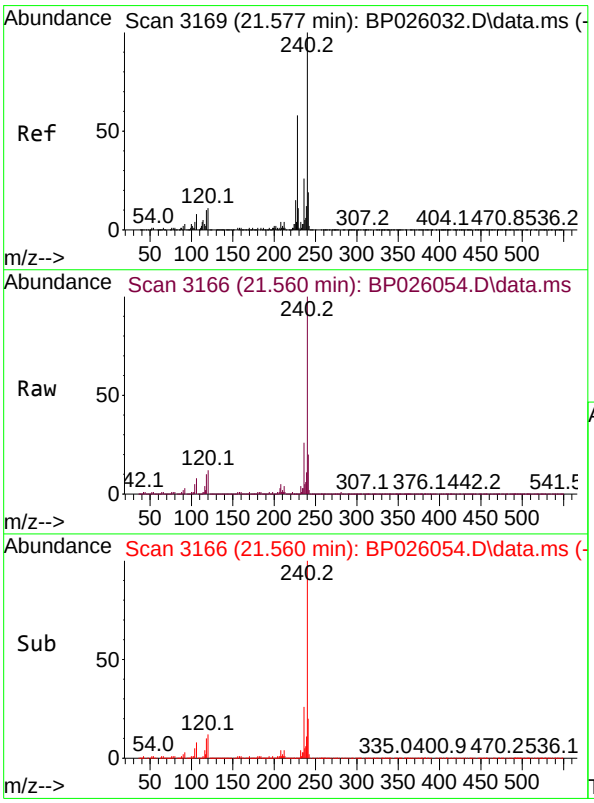
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:188 Resp: 1683386

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	10.4	7.9	11.9

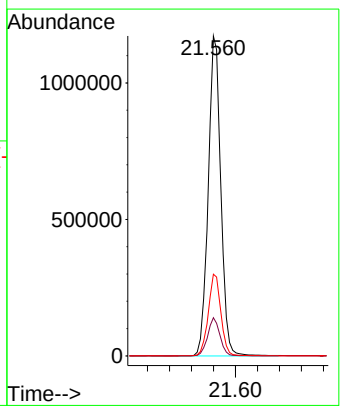


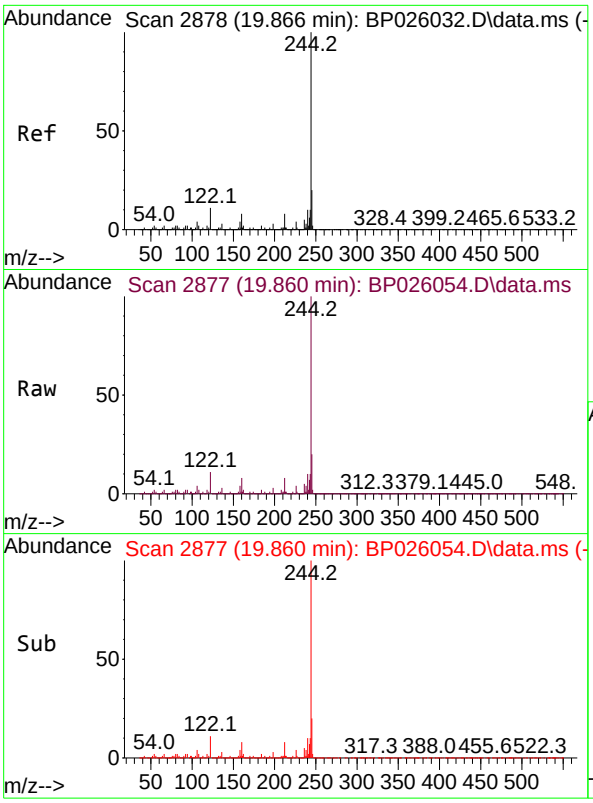


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:240 Resp: 1852671

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.5	20.6	31.0



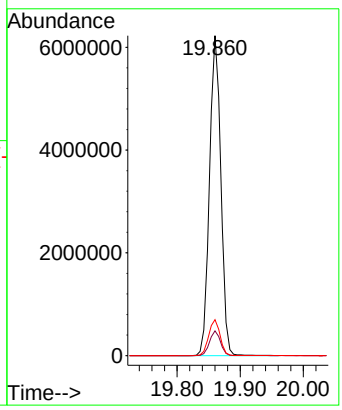


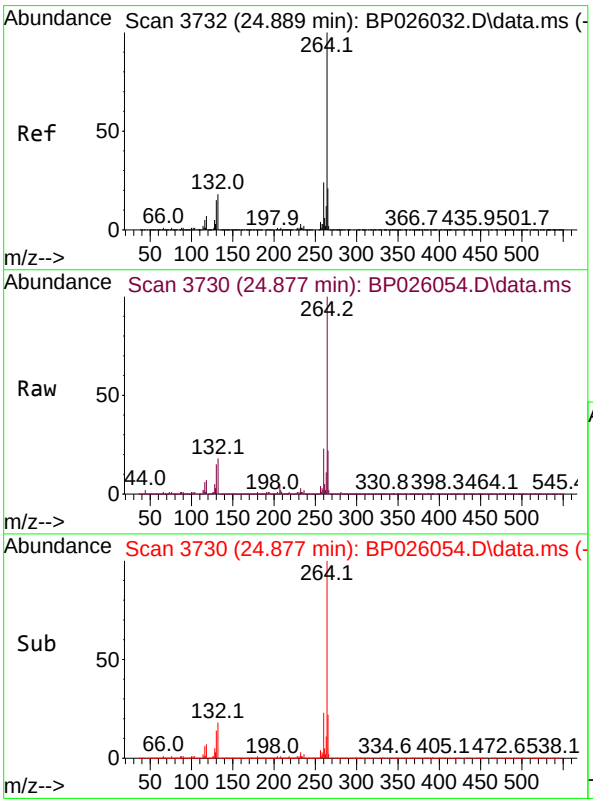
#79
Terphenyl-d14
Concen: 85.258 ng
RT: 19.860 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:244 Resp: 7774571

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.2	9.0	13.6

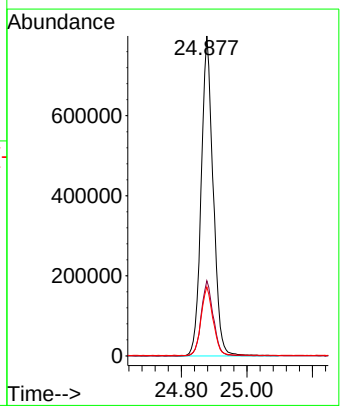




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:264 Resp: 2010353

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026054.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

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: BP026054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.302	395	402	416	rBV	5873931	8805803	41.28%	9.911%
2	6.855	657	666	691	rBV	5422804	8818785	41.35%	9.926%
3	7.678	797	806	815	rBV	1280569	1938090	9.09%	2.181%
4	8.819	991	1000	1020	rBV	3206875	5501607	25.79%	6.192%
5	10.443	1266	1276	1290	rBV	1473010	2616131	12.27%	2.944%
6	12.925	1690	1698	1709	rBV	9410615	13075333	61.30%	14.716%
7	14.313	1926	1934	1942	rBV	2345476	3351110	15.71%	3.772%
8	15.825	2182	2191	2214	rBV	6278239	8869062	41.58%	9.982%
9	17.119	2404	2411	2422	rBV2	2834333	4163681	19.52%	4.686%
10	19.860	2871	2877	2892	rBV	17194756	21329650	100.00%	24.006%
11	21.560	3160	3166	3178	rBV	3170711	5010735	23.49%	5.640%
12	24.877	3720	3730	3743	rBV	2162523	5369770	25.18%	6.044%

Sum of corrected areas: 88849757

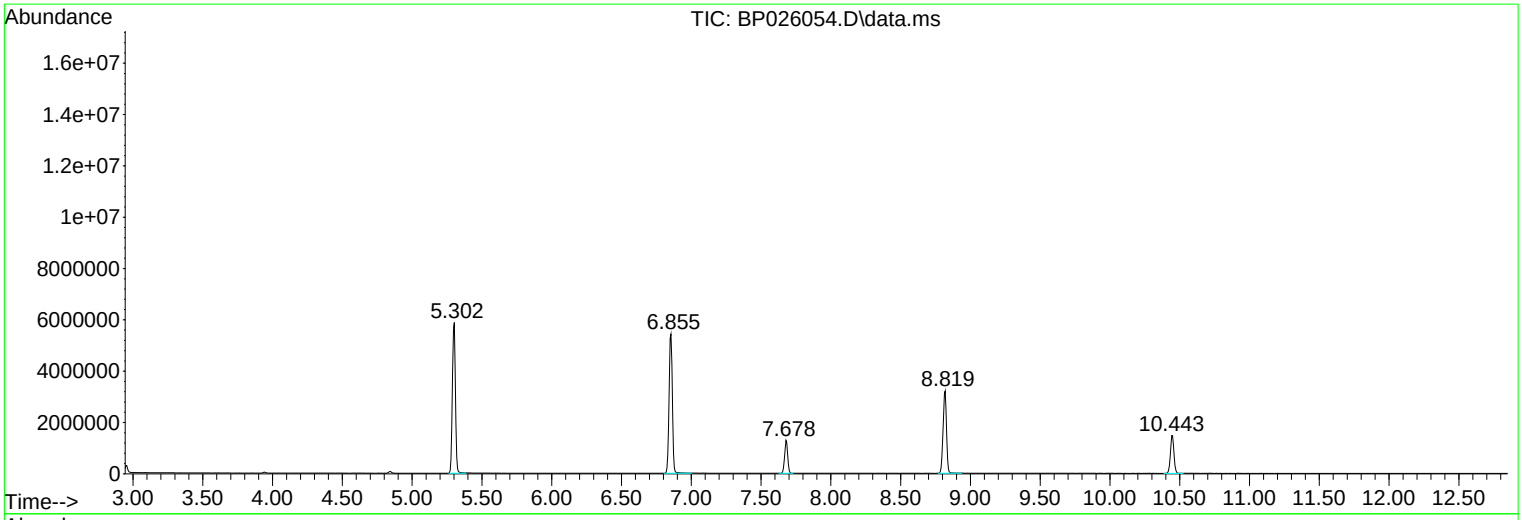
Sample Results: **BP026054.D**

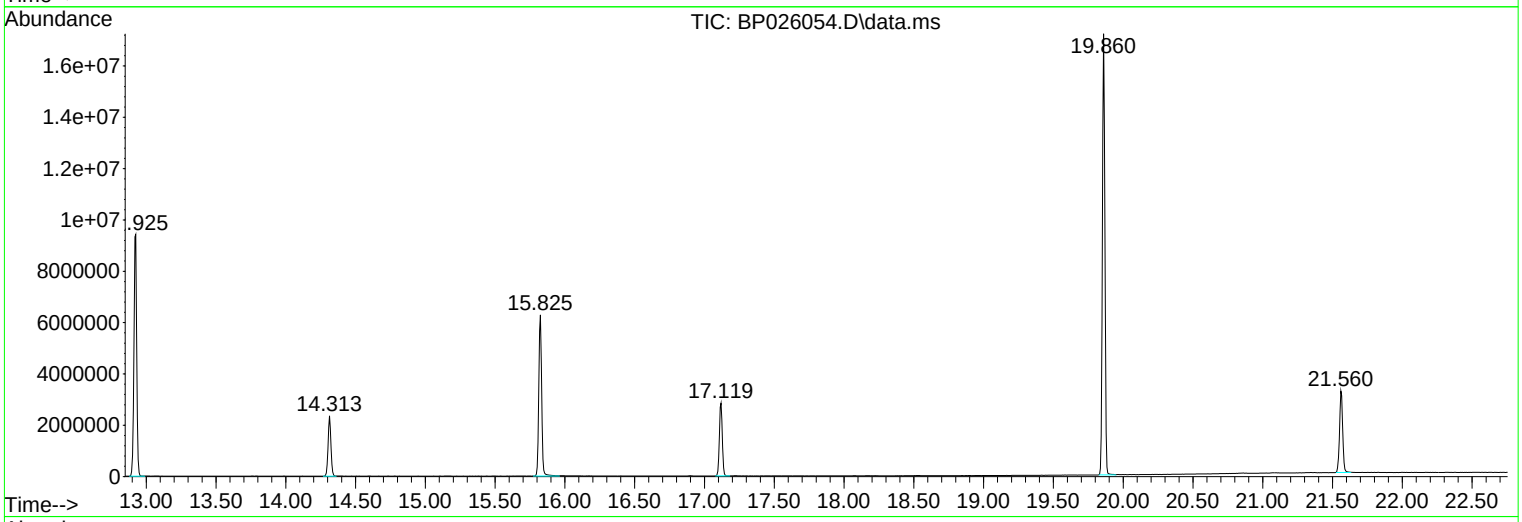
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

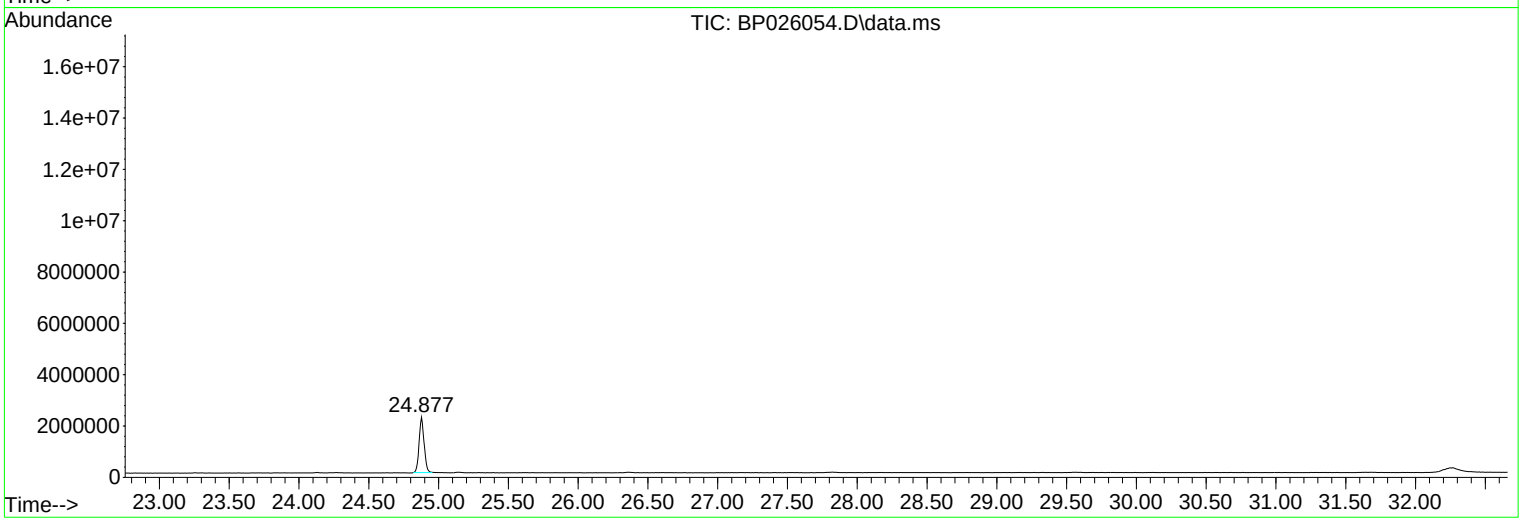
Instrument :
BNA_P
ClientSampleId :
PB170342BL

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







Library Search Compound Report

Sample Results: **BP026054.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 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

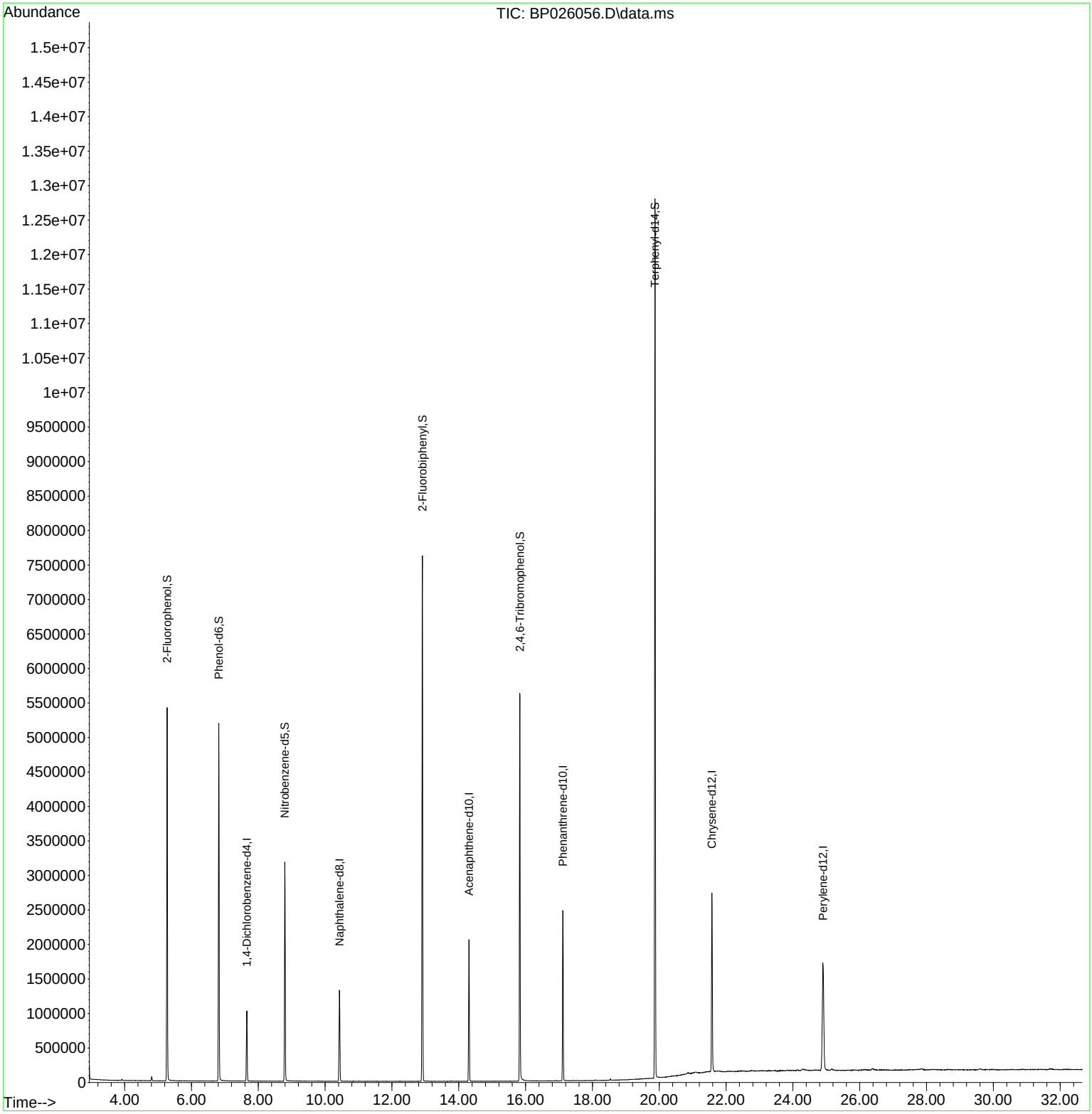
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	300167	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	1149841	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	696390	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1482446	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1619683	20.000	ng	0.01
86) Perylene-d12	24.900	264	1773681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	2326638	127.901	ng	-0.02
7) Phenol-d6	6.819	99	2823741	121.958	ng	-0.04
23) Nitrobenzene-d5	8.795	82	1584105	85.884	ng	-0.03
42) 2,4,6-Tribromophenol	15.830	330	974368	129.421	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4022471	82.999	ng	-0.02
79) Terphenyl-d14	19.871	244	6941237	87.069	ng	0.00
Target Compounds						Qvalue

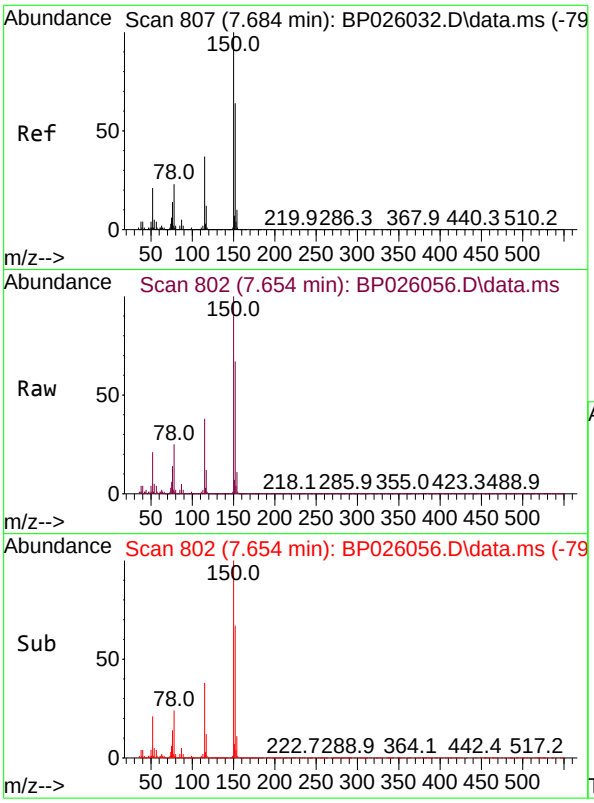
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 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



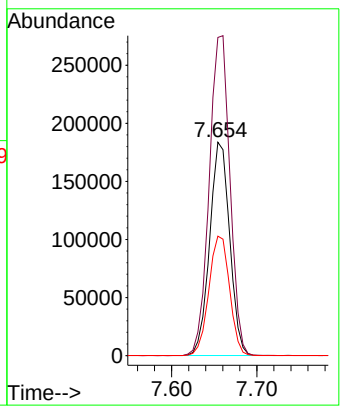


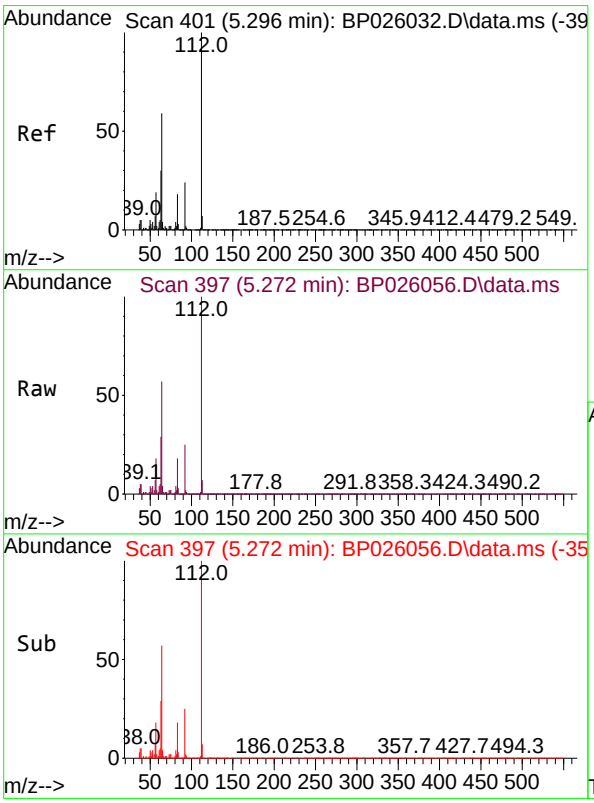
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:152 Resp: 300167

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.7	188.5
115	56.0	46.4	69.6

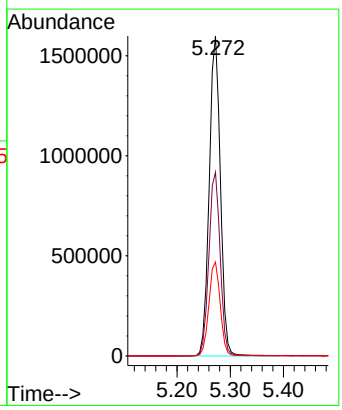


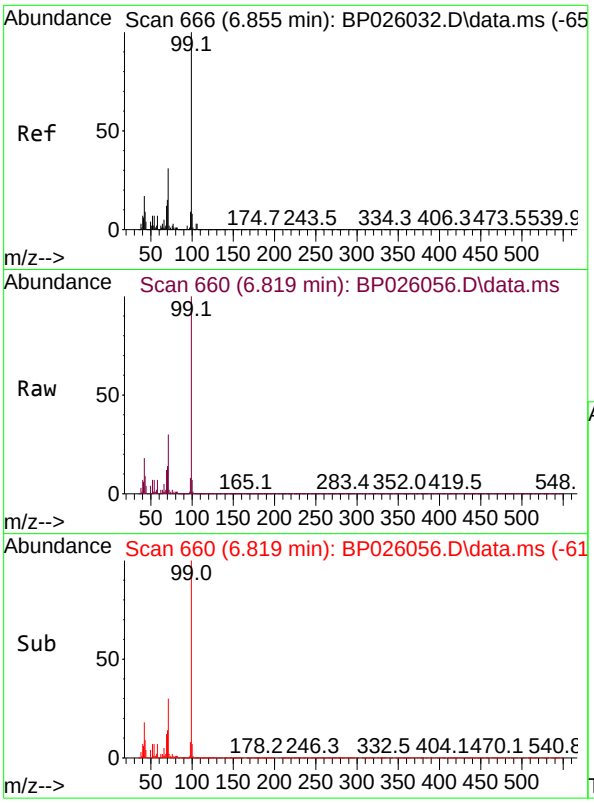


#5
2-Fluorophenol
Concen: 127.901 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:112 Resp: 2326638

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	29.3	24.2	36.4



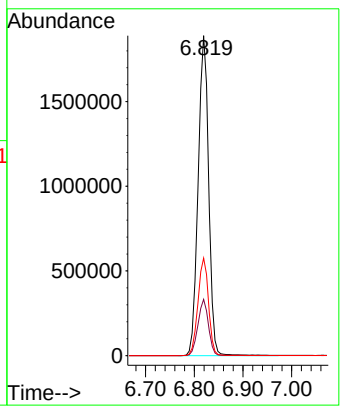


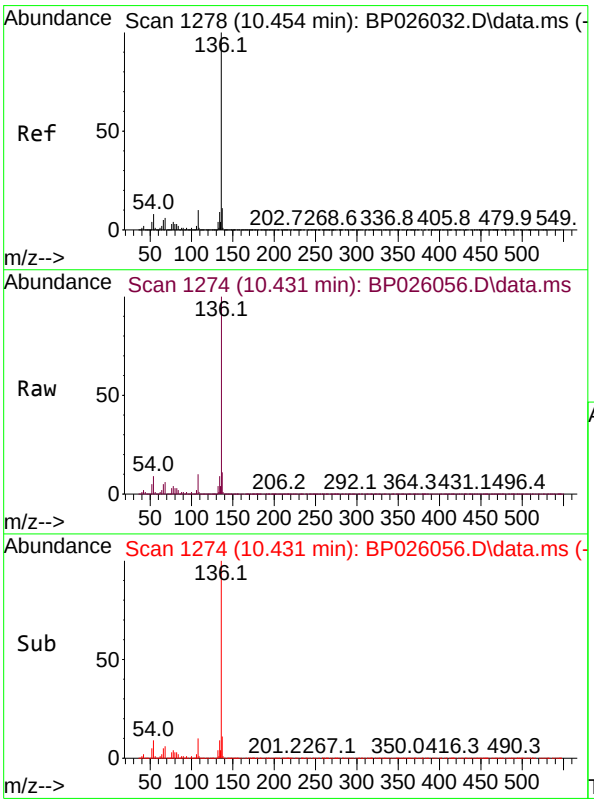
#7
Phenol-d6
Concen: 121.958 ng
RT: 6.819 min Scan# 6
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 99 Resp: 2823741

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	30.5	24.4	36.6

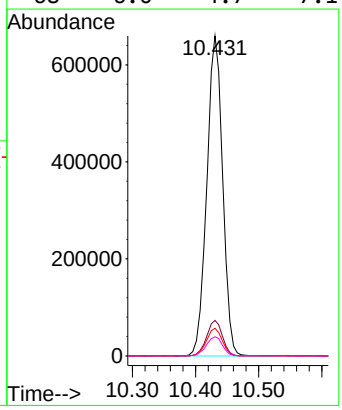


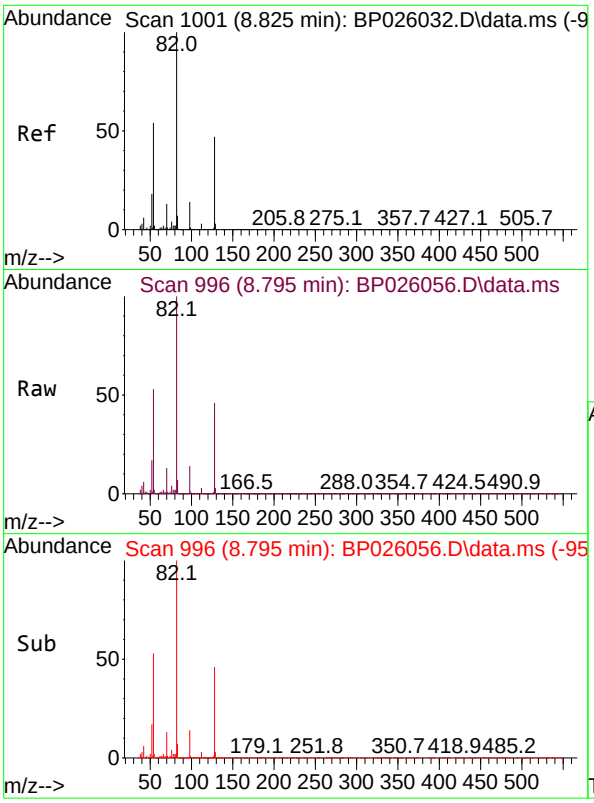


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:136 Resp: 1149841

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.6	10.0
68	6.0	4.7	7.1



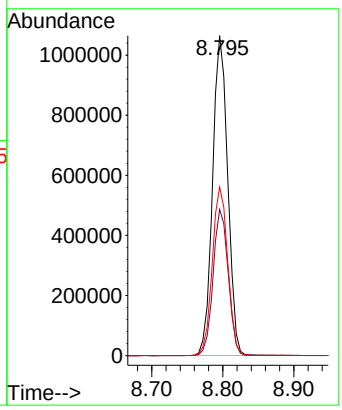


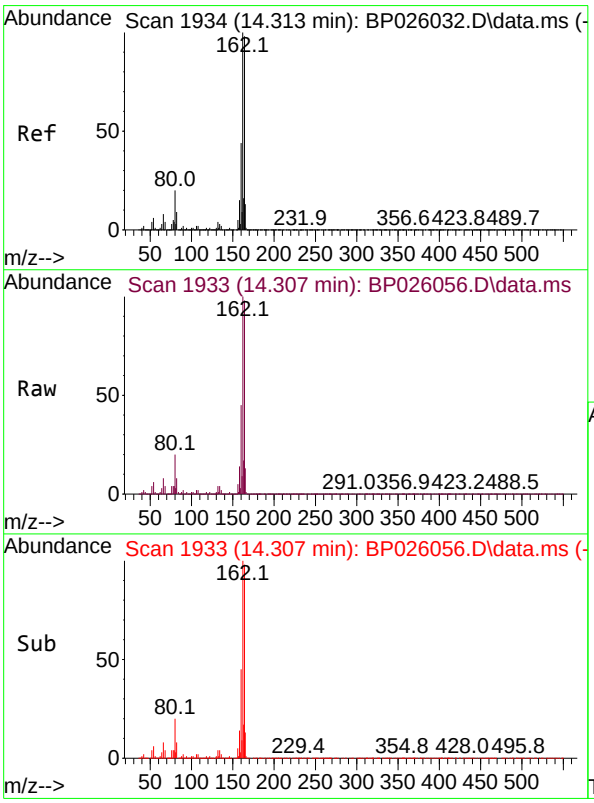
#23
Nitrobenzene-d5
Concen: 85.884 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 82 Resp: 1584105

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.0
54	52.7	42.7	64.1

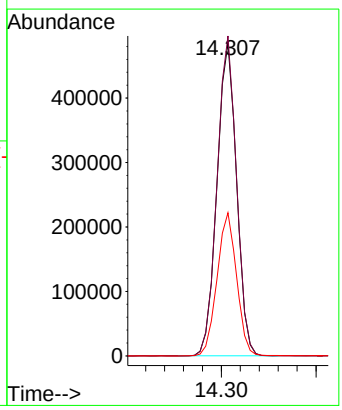


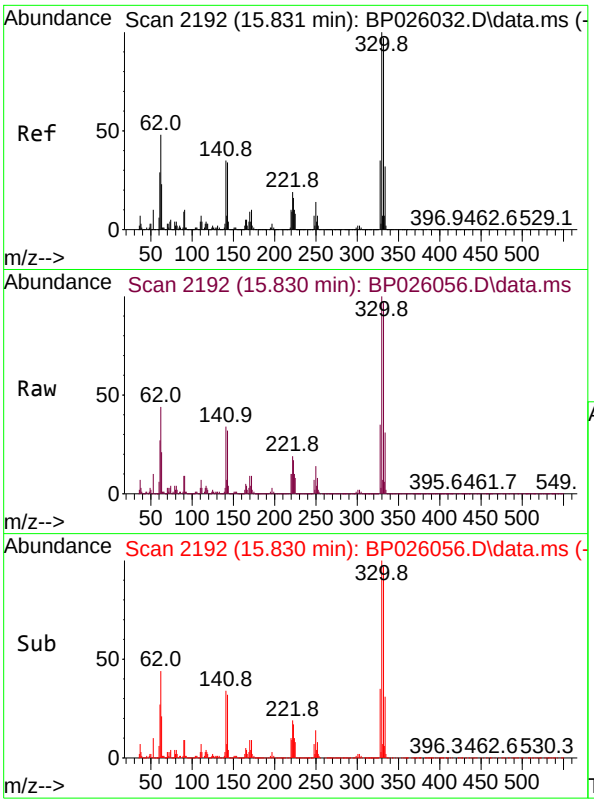


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:164 Resp: 696390

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.5	122.3
160	45.8	36.2	54.4



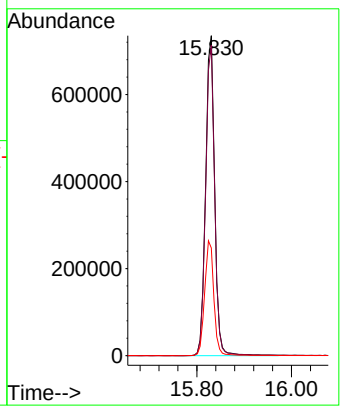


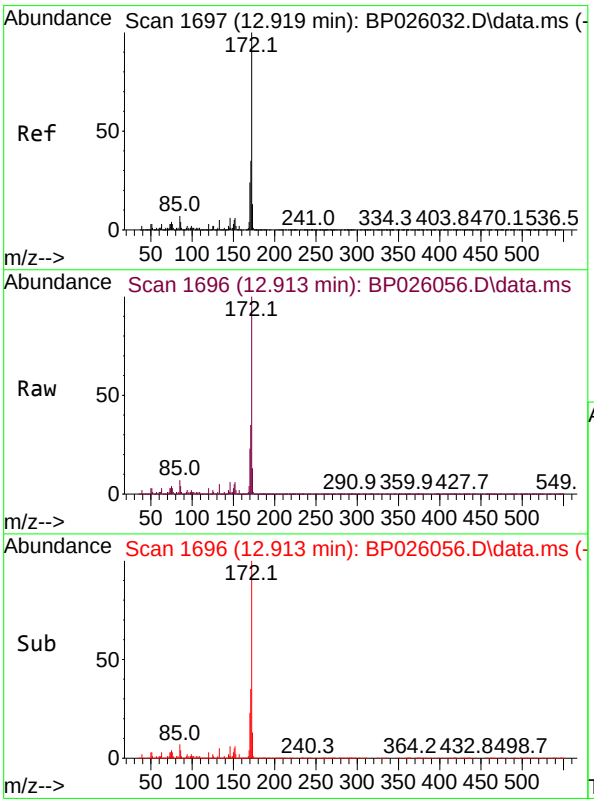
#42
2,4,6-Tribromophenol
Concen: 129.421 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:330 Resp: 974368

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	36.6	28.6	42.8

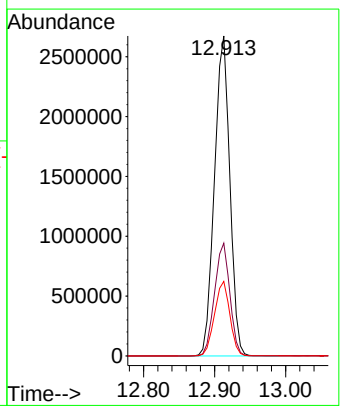


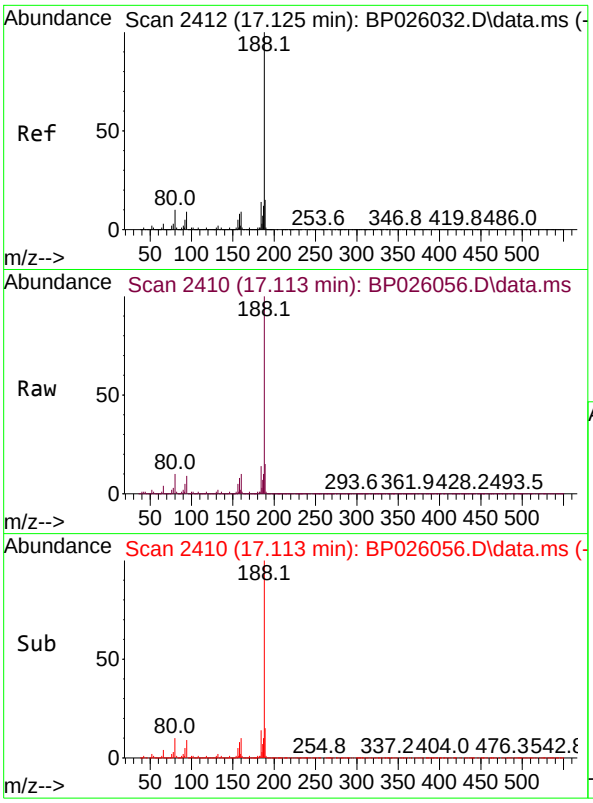


#45
2-Fluorobiphenyl
Concen: 82.999 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:172 Resp: 4022471

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	19.0	28.4



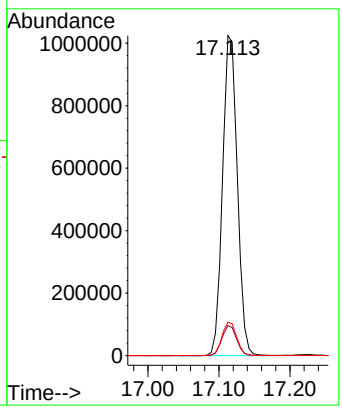


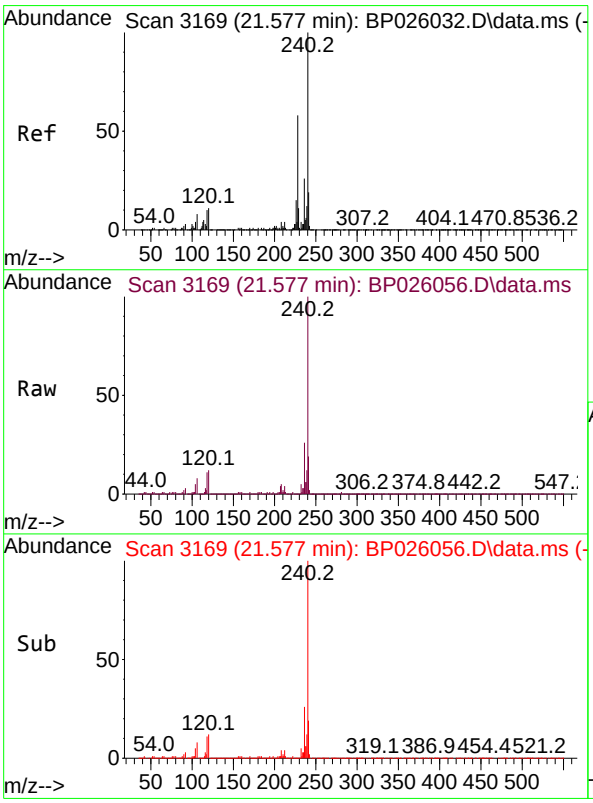
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:188 Resp: 1482446

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.4	7.9	11.9

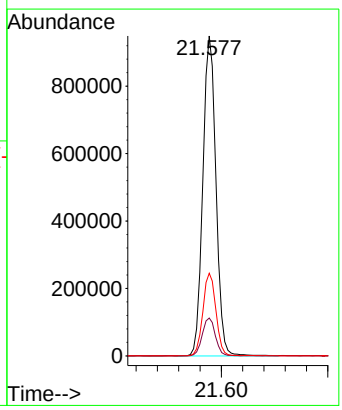


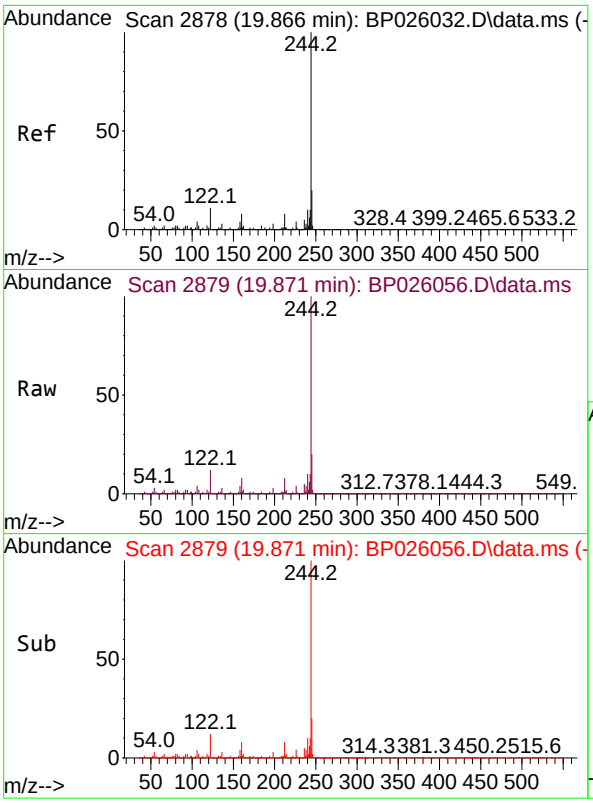


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:240 Resp: 1619683

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.8	20.6	31.0



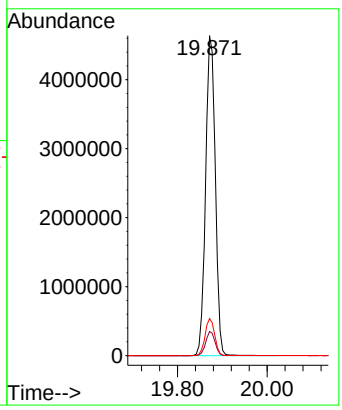


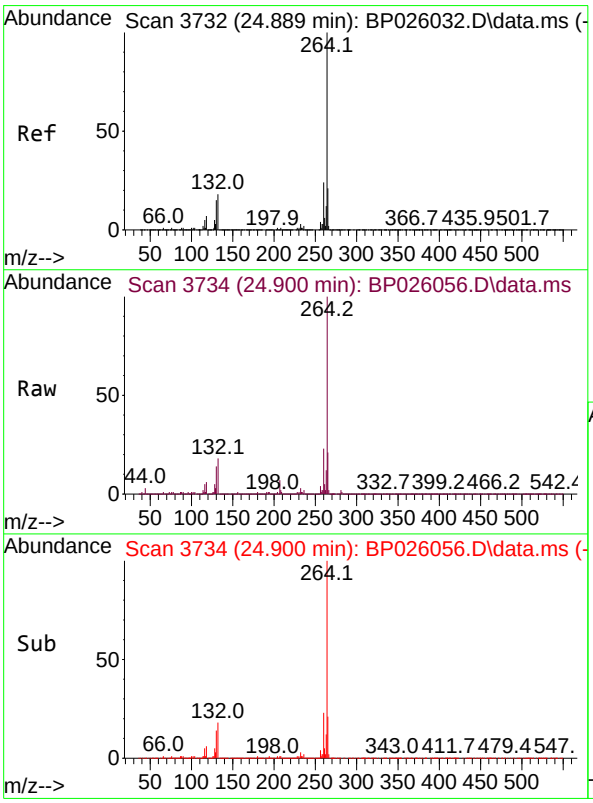
#79
Terphenyl-d14
Concen: 87.069 ng
RT: 19.871 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:244 Resp: 6941237

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.6	9.0	13.6

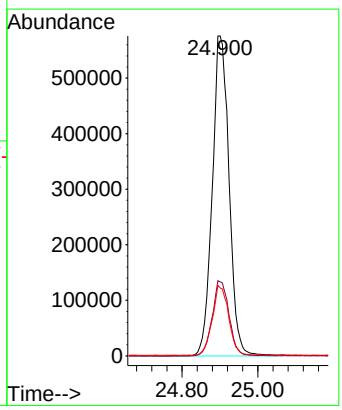




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.900 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:264 Resp: 1773681

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	17.2	25.8



Sample Results: **BP026056.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

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: BP026056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	389	397	414	rBV	5413073	7923486	41.75%	10.070%
2	6.819	652	660	676	rBV	5186721	7838000	41.30%	9.961%
3	7.654	795	802	810	rBV	1017977	1707632	9.00%	2.170%
4	8.795	987	996	1011	rBV	3178746	4845683	25.53%	6.158%
5	10.431	1265	1274	1284	rBV	1320019	2305679	12.15%	2.930%
6	12.913	1688	1696	1707	rBV	7620379	11483154	60.50%	14.594%
7	14.307	1925	1933	1941	rBV	2054961	2968731	15.64%	3.773%
8	15.825	2184	2191	2210	rBV	5624761	7912305	41.69%	10.055%
9	17.113	2404	2410	2422	rBV2	2468950	3652627	19.25%	4.642%
10	19.871	2872	2879	2891	rBV	12745653	18979070	100.00%	24.120%
11	21.577	3162	3169	3182	rBV2	2586472	4399319	23.18%	5.591%
12	24.895	3724	3733	3749	rVB	1549113	4671005	24.61%	5.936%

Sum of corrected areas: 78686691

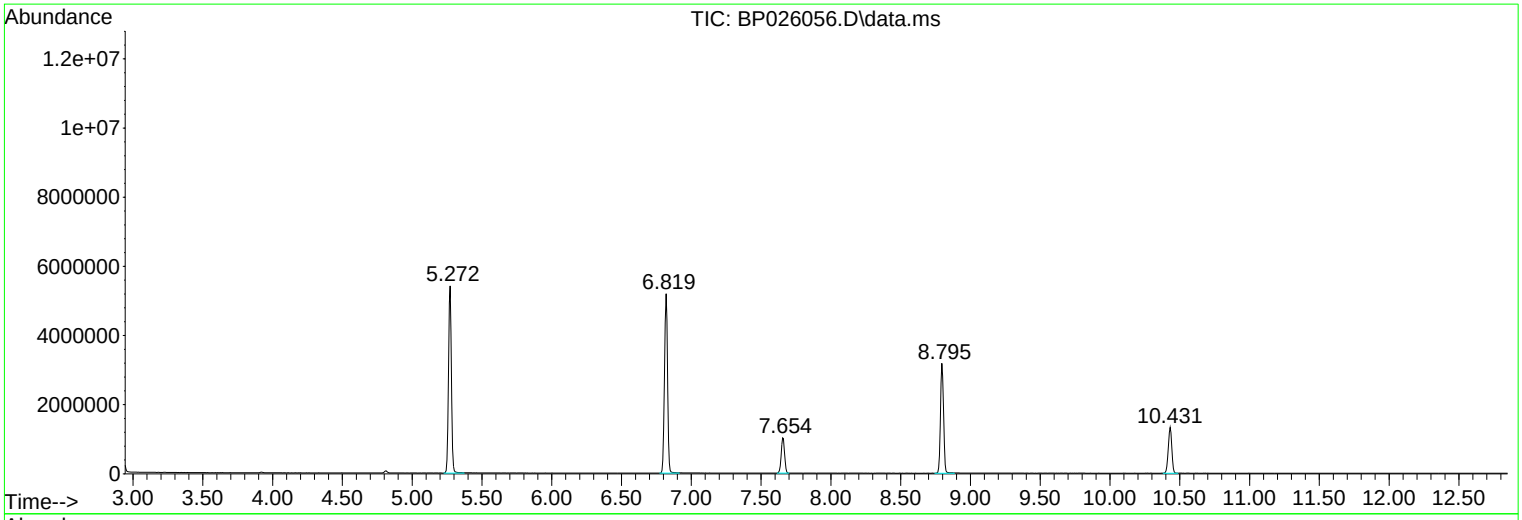
Sample Results: **BP026056.D**

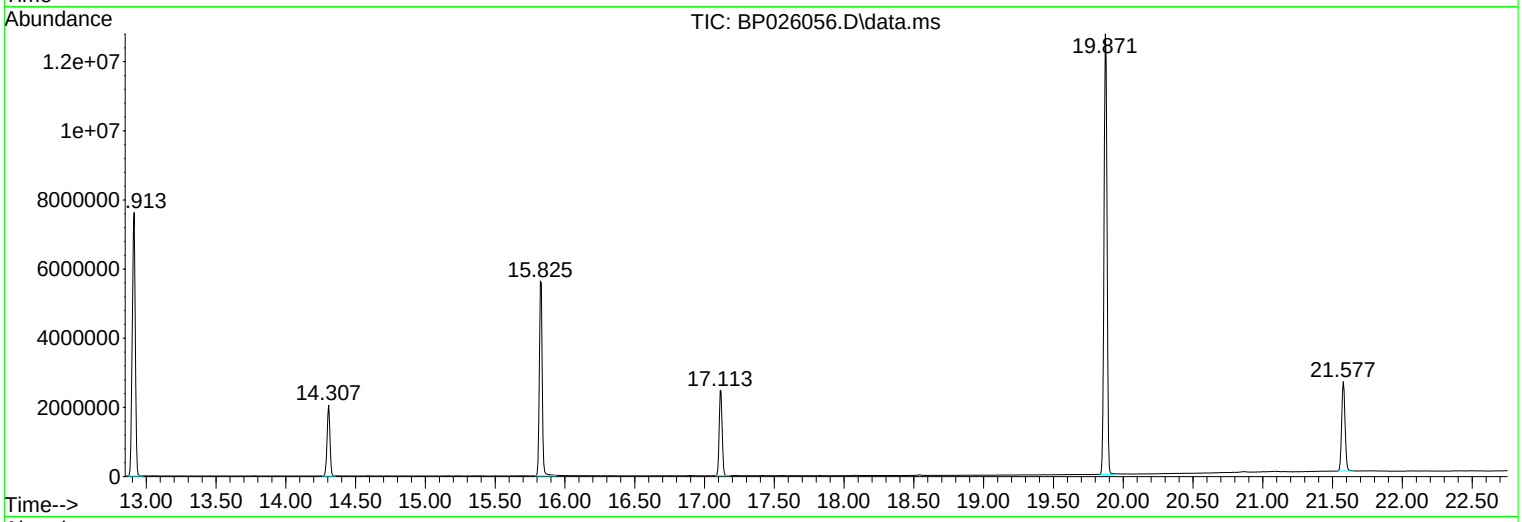
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

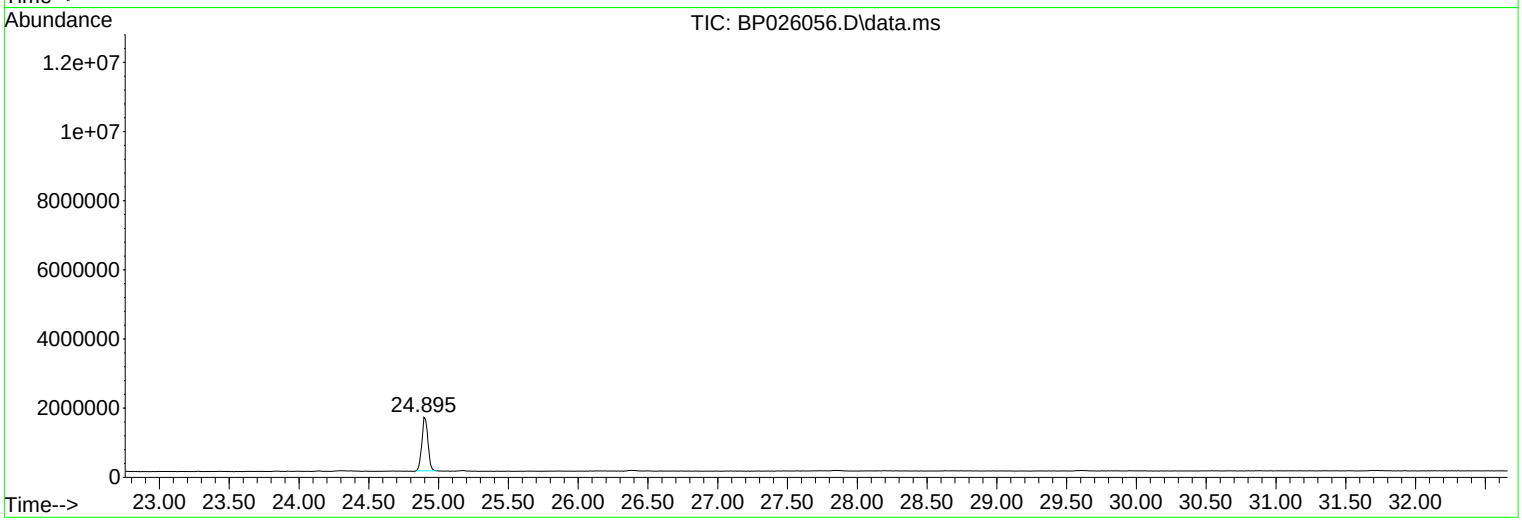
Instrument :
BNA_P
ClientSampleId :
PB170346BL

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







Library Search Compound Report

Sample Results: **BP026056.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

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

Sample Results: **BP026055.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 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 :
PB170342BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	329449	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1315436	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	832110	20.000	ng		0.00
64) Phenanthrene-d10	17.124	188	1709092	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1770074	20.000	ng		0.00
86) Perylene-d12	24.883	264	1828889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2408959	120.657	ng		0.00
7) Phenol-d6	6.854	99	3068817	120.762	ng		0.00
23) Nitrobenzene-d5	8.813	82	1672007	79.238	ng		-0.01
42) 2,4,6-Tribromophenol	15.830	330	1144716	127.248	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4443281	76.728	ng		0.00
79) Terphenyl-d14	19.860	244	7039206	80.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	283255	33.654	ng		99
3) Pyridine	3.619	79	774089	32.352	ng		99
4) n-Nitrosodimethylamine	3.531	42	400066	41.718	ng		99
6) Aniline	7.007	93	1067227	31.467	ng		99
8) 2-Chlorophenol	7.248	128	937249	42.393	ng		99
9) Benzaldehyde	6.825	77	390044	29.526	ng		97
10) Phenol	6.878	94	1184903	42.000	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	887534	39.863	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1027435	40.466	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1044870	40.702	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1007967	41.148	ng		99
15) Benzyl Alcohol	7.907	79	761818	41.584	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1337989	39.763	ng		99
17) 2-Methylphenol	8.113	107	798333	43.215	ng		99
18) Hexachloroethane	8.754	117	350595	39.911	ng		100
19) n-Nitroso-di-n-propyla...	8.478	70	646070	40.956	ng		99
20) 3+4-Methylphenols	8.431	107	1079799	42.016	ng		98
22) Acetophenone	8.490	105	1503706	45.200	ng	#	98
24) Nitrobenzene	8.854	77	924984	41.518	ng		100
25) Isophorone	9.384	82	1868809	41.377	ng		100
26) 2-Nitrophenol	9.560	139	353218	43.347	ng		97
27) 2,4-Dimethylphenol	9.625	122	899639	47.367	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1174041	41.247	ng		100
29) 2,4-Dichlorophenol	10.095	162	892420	44.501	ng		98
30) 1,2,4-Trichlorobenzene	10.313	180	931974	42.757	ng		99
31) Naphthalene	10.495	128	2876816	40.104	ng		100
32) Benzoic acid	9.760	122	585840	50.129	ng		97
33) 4-Chloroaniline	10.595	127	654978	23.761	ng		99
34) Hexachlorobutadiene	10.795	225	549510	39.672	ng		99
35) Caprolactam	11.354	113	308247	43.771	ng		97
36) 4-Chloro-3-methylphenol	11.731	107	963519	45.833	ng		99
37) 2-Methylnaphthalene	12.119	142	1889260	37.630	ng		99
38) 1-Methylnaphthalene	12.336	142	1943253	39.841	ng		99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1124560	43.495	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1034107	109.317	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	699158	45.750	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 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 :
PB170342BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	782362	44.865	ng	98
46) 1,1'-Biphenyl	13.142	154	2932813	46.030	ng	99
47) 2-Chloronaphthalene	13.178	162	2022474	40.344	ng	99
48) 2-Nitroaniline	13.372	65	546019	42.668	ng	97
49) Acenaphthylene	14.030	152	3520430	48.182	ng	100
50) Dimethylphthalate	13.778	163	2627245	43.407	ng	100
51) 2,6-Dinitrotoluene	13.883	165	527528	46.762	ng	97
52) Acenaphthene	14.383	154	1970069	39.276	ng	99
53) 3-Nitroaniline	14.213	138	440992	33.201	ng	97
54) 2,4-Dinitrophenol	14.419	184	471142	85.796	ng	97
55) Dibenzofuran	14.725	168	3178911	41.947	ng	99
56) 4-Nitrophenol	14.525	139	1061781	87.974	ng	99
57) 2,4-Dinitrotoluene	14.683	165	753629	45.562	ng	96
58) Fluorene	15.389	166	2512494	42.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	657474	47.953	ng	98
60) Diethylphthalate	15.166	149	2674664	43.956	ng	100
61) 4-Chlorophenyl-phenyle...	15.383	204	1201482	40.523	ng	99
62) 4-Nitroaniline	15.389	138	590248	45.636	ng	98
63) Azobenzene	15.683	77	2443729	44.313	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	316195	46.272	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2302748	43.093	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	793370	41.848	ng	99
68) Hexachlorobenzene	16.413	284	884971	41.005	ng	100
69) Atrazine	16.583	200	828455	45.957	ng	98
70) Pentachlorophenol	16.771	266	1153570	87.507	ng	99
71) Phenanthrene	17.171	178	4148480	41.703	ng	100
72) Anthracene	17.266	178	4215169	42.747	ng	100
73) Carbazole	17.542	167	4083450	43.747	ng	100
74) Di-n-butylphthalate	18.148	149	4650026	44.520	ng	99
75) Fluoranthene	19.260	202	4902547	42.248	ng	99
77) Benzidine	19.448	184	1809475	40.274	ng	100
78) Pyrene	19.636	202	5157748	43.083	ng	99
80) Butylbenzylphthalate	20.601	149	1959954	44.143	ng	100
81) Benzo(a)anthracene	21.554	228	5206614	42.805	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1335292	34.072	ng	100
83) Chrysene	21.624	228	4816791	41.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	3094740	43.632	ng	100
85) Di-n-octyl phthalate	22.795	149	5027554	47.713	ng	100
87) Indeno(1,2,3-cd)pyrene	28.653	276	6115341m	45.292	ng	
88) Benzo(b)fluoranthene	23.836	252	5061611	44.581	ng	99
89) Benzo(k)fluoranthene	23.912	252	5281034	45.550	ng	100
90) Benzo(a)pyrene	24.730	252	4886310	46.846	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	5044039	45.905	ng	99
92) Benzo(g,h,i)perylene	29.824	276	4967575	46.981	ng	98

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

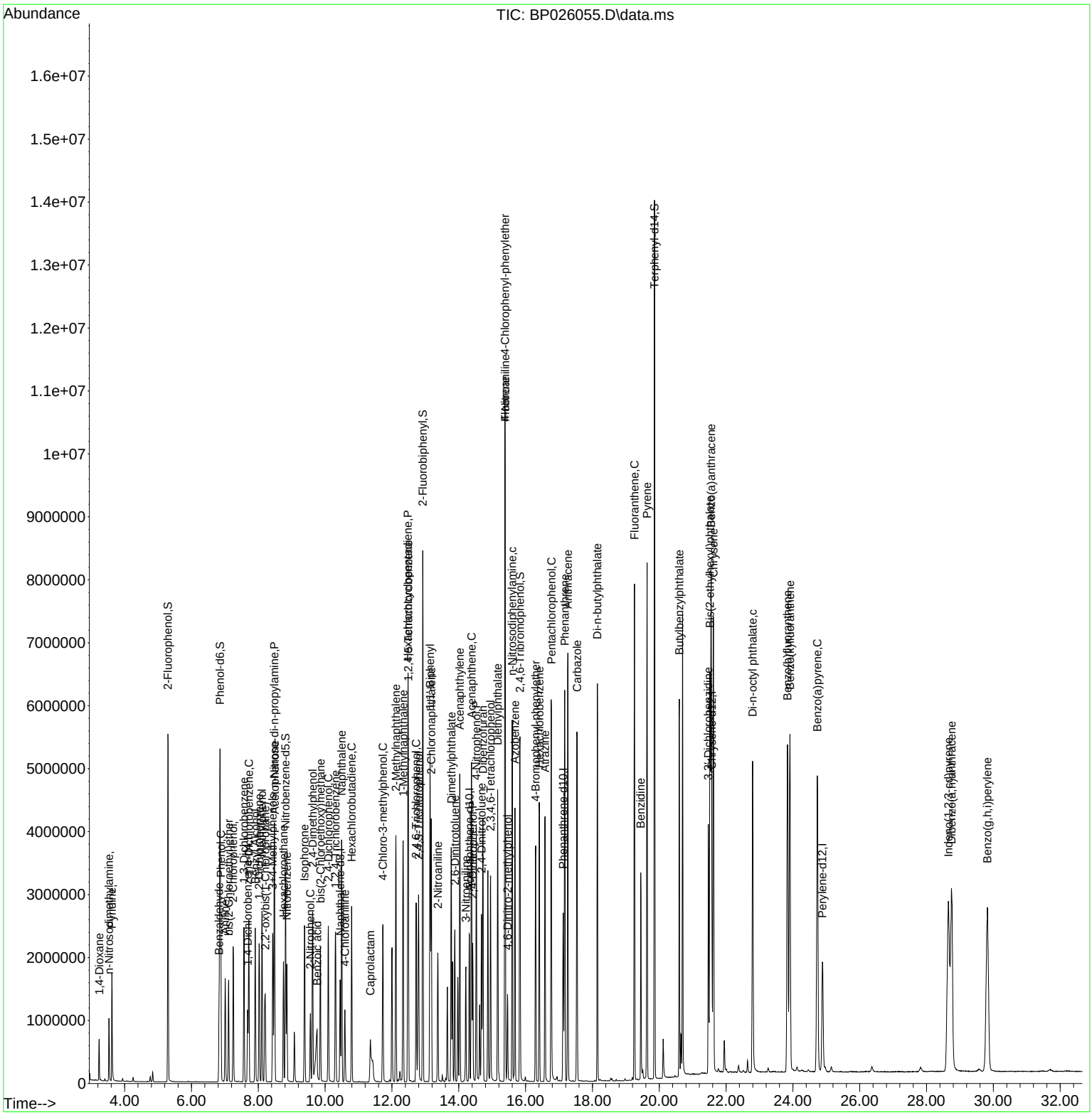
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 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 :
PB170342BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Sample Results: **BP026057.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 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 :
PB170346BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	413469	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1637380	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	1028881	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	2027304	20.000	ng		0.00
76) Chrysene-d12	21.571	240	2076514	20.000	ng		0.00
86) Perylene-d12	24.895	264	2253084	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2978067	118.851	ng		0.00
7) Phenol-d6	6.855	99	3763455	118.003	ng		0.00
23) Nitrobenzene-d5	8.813	82	2089943	79.570	ng		-0.01
42) 2,4,6-Tribromophenol	15.842	330	1372544	123.395	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	5359966	74.857	ng		0.00
79) Terphenyl-d14	19.866	244	7929727	77.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	350992	33.227	ng		99
3) Pyridine	3.619	79	976319	32.513	ng		98
4) n-Nitrosodimethylamine	3.537	42	503504	41.835	ng		97
6) Aniline	7.013	93	1407319	33.063	ng		100
8) 2-Chlorophenol	7.255	128	1188164	42.821	ng		99
9) Benzaldehyde	6.831	77	522361	31.507	ng		97
10) Phenol	6.878	94	1484026	41.913	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1099192	39.338	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1279343	40.148	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1304870	40.501	ng		100
14) 1,2-Dichlorobenzene	8.031	146	1245514	40.513	ng		99
15) Benzyl Alcohol	7.913	79	964164	41.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1654572	39.179	ng		99
17) 2-Methylphenol	8.113	107	990544	42.724	ng		100
18) Hexachloroethane	8.749	117	438887	39.810	ng		95
19) n-Nitroso-di-n-propyla...	8.478	70	800347	40.426	ng		99
20) 3+4-Methylphenols	8.437	107	1348471	41.808	ng		99
22) Acetophenone	8.490	105	1877199	45.332	ng	#	99
24) Nitrobenzene	8.860	77	1166891	42.078	ng		99
25) Isophorone	9.390	82	2315399	41.185	ng		100
26) 2-Nitrophenol	9.566	139	474639	46.582	ng		98
27) 2,4-Dimethylphenol	9.631	122	1132373	47.898	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	1468692	41.453	ng		100
29) 2,4-Dichlorophenol	10.096	162	1111034	44.509	ng		98
30) 1,2,4-Trichlorobenzene	10.319	180	1151117	42.427	ng		99
31) Naphthalene	10.501	128	3574182	40.029	ng		100
32) Benzoic acid	9.766	122	816691	54.405	ng		96
33) 4-Chloroaniline	10.601	127	897215	26.149	ng		100
34) Hexachlorobutadiene	10.796	225	680572	39.473	ng		99
35) Caprolactam	11.372	113	373324m	42.589	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1181240	45.142	ng		98
37) 2-Methylnaphthalene	12.119	142	2286221	36.583	ng		99
38) 1-Methylnaphthalene	12.348	142	2395129	39.450	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1378808	43.130	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1343156	114.832	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	868821	45.979	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 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 :
PB170346BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	977044	45.314	ng	98
46) 1,1'-Biphenyl	13.142	154	3555466	45.130	ng	100
47) 2-Chloronaphthalene	13.178	162	2488428	40.146	ng	100
48) 2-Nitroaniline	13.384	65	682129	43.080	ng	99
49) Acenaphthylene	14.037	152	4302294	47.621	ng	100
50) Dimethylphthalate	13.778	163	3165660	42.299	ng	99
51) 2,6-Dinitrotoluene	13.884	165	653607	46.852	ng	98
52) Acenaphthene	14.389	154	2764412	44.572	ng	100
53) 3-Nitroaniline	14.207	138	550674	33.504	ng	98
54) 2,4-Dinitrophenol	14.425	184	618650	89.390	ng	99
55) Dibenzofuran	14.731	168	3838967	40.968	ng	99
56) 4-Nitrophenol	14.525	139	1284695	86.087	ng	96
57) 2,4-Dinitrotoluene	14.678	165	933286	45.627	ng	99
58) Fluorene	15.389	166	3014436	41.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	823548	48.579	ng	99
60) Diethylphthalate	15.178	149	3185892	42.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1468638	40.060	ng	99
62) 4-Nitroaniline	15.401	138	736751	46.069	ng	99
63) Azobenzene	15.683	77	2930458	42.976	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	418402	50.265	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2758017	43.511	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	958809	42.636	ng	99
68) Hexachlorobenzene	16.419	284	1062593	41.507	ng	99
69) Atrazine	16.595	200	990002	46.299	ng	99
70) Pentachlorophenol	16.772	266	1409042	90.109	ng	98
71) Phenanthrene	17.172	178	4887342	41.418	ng	99
72) Anthracene	17.272	178	4994409	42.699	ng	100
73) Carbazole	17.542	167	4798722	43.340	ng	99
74) Di-n-butylphthalate	18.148	149	5476816	44.206	ng	99
75) Fluoranthene	19.266	202	5695428	41.377	ng	99
77) Benzidine	19.454	184	2560522	48.580	ng	100
78) Pyrene	19.636	202	5922117	42.167	ng	99
80) Butylbenzylphthalate	20.601	149	2346780	44.985	ng	98
81) Benzo(a)anthracene	21.554	228	6005581	42.088	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1521050	33.084	ng	99
83) Chrysene	21.624	228	5583127	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3535330	42.556	ng	99
85) Di-n-octyl phthalate	22.807	149	5930535	47.977	ng	100
87) Indeno(1,2,3-cd)pyrene	28.677	276	7311036m	43.953	ng	
88) Benzo(b)fluoranthene	23.842	252	6092278	43.557	ng	99
89) Benzo(k)fluoranthene	23.912	252	6221199	43.556	ng	99
90) Benzo(a)pyrene	24.742	252	5887209	45.816	ng	100
91) Dibenzo(a,h)anthracene	28.753	278	6034680	44.581	ng	98
92) Benzo(g,h,i)perylene	29.836	276	5887221	45.196	ng	98

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

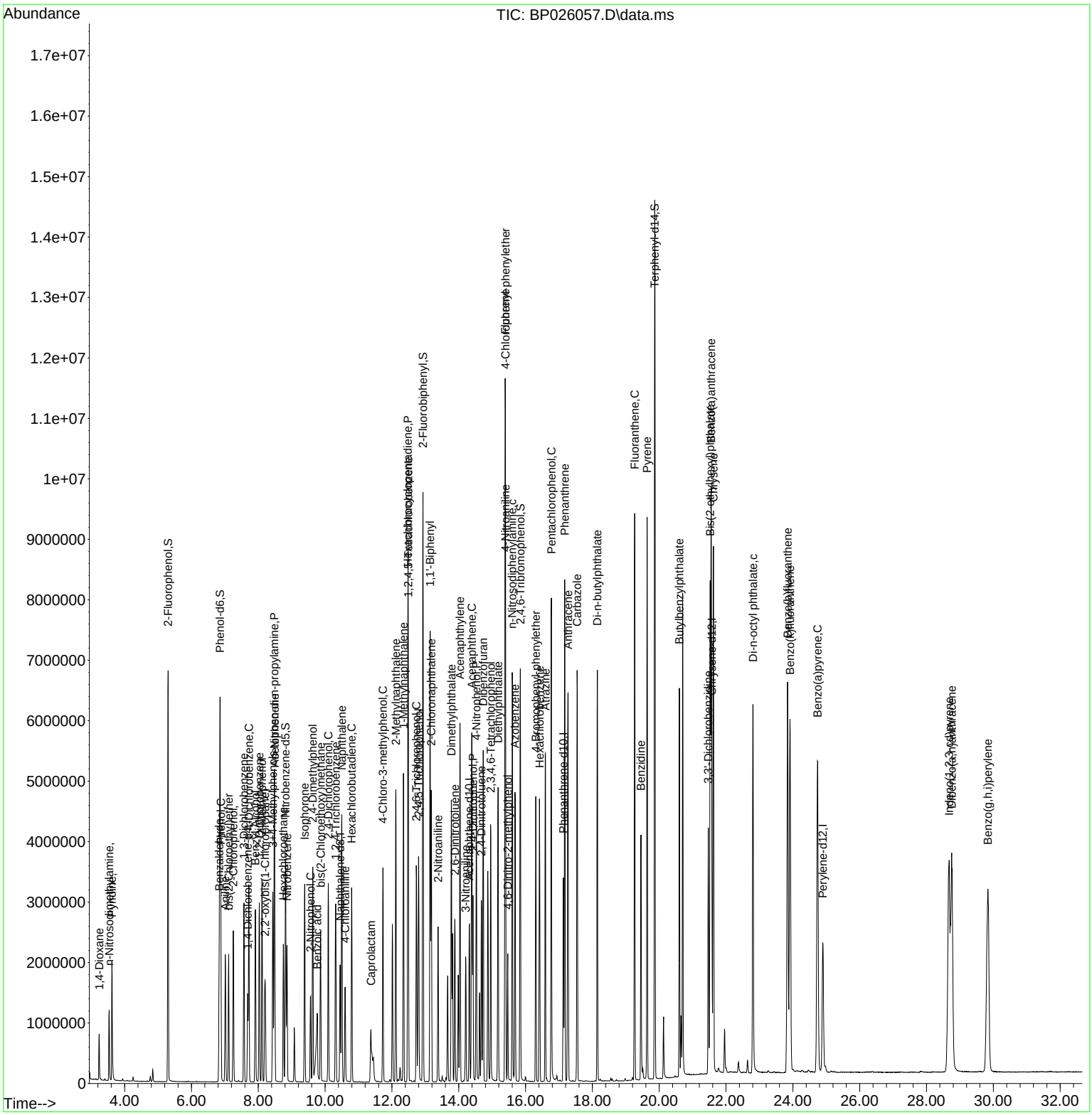
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 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 :
PB170346BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 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 :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	395071	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1598021	20.000	ng		0.00
39) Acenaphthene-d10	14.307	164	1009231	20.000	ng		-0.01
64) Phenanthrene-d10	17.119	188	2008992	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2004620	20.000	ng		0.02
86) Perylene-d12	24.895	264	2129528	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2905740	121.364	ng		0.00
7) Phenol-d6	6.855	99	3657597	120.024	ng		0.00
23) Nitrobenzene-d5	8.813	82	2071026	80.792	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	1378817	126.372	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	5200921	74.050	ng		-0.01
79) Terphenyl-d14	19.866	244	7852666	79.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	326802	32.378	ng		98
3) Pyridine	3.619	79	914026	31.856	ng		99
4) n-Nitrosodimethylamine	3.531	42	474046	41.222	ng		98
6) Aniline	7.013	93	1415390	34.801	ng		99
8) 2-Chlorophenol	7.249	128	1169712	44.119	ng		98
9) Benzaldehyde	6.825	77	501324	31.646	ng		96
10) Phenol	6.878	94	1448888	42.827	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	1056344	39.565	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1230567	40.416	ng		98
13) 1,4-Dichlorobenzene	7.713	146	1253086	40.705	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1212791	41.286	ng		99
15) Benzyl Alcohol	7.907	79	944591	42.997	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1613589	39.988	ng		99
17) 2-Methylphenol	8.113	107	976660	44.086	ng		99
18) Hexachloroethane	8.749	117	433237	41.127	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	796591	42.111	ng		99
20) 3+4-Methylphenols	8.437	107	1333675	43.275	ng		99
22) Acetophenone	8.490	105	1815154	44.913	ng	#	99
24) Nitrobenzene	8.860	77	1149562	42.474	ng		100
25) Isophorone	9.384	82	2275981	41.481	ng		100
26) 2-Nitrophenol	9.566	139	491470	49.259	ng		95
27) 2,4-Dimethylphenol	9.625	122	1107222	47.988	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1447720	41.867	ng		100
29) 2,4-Dichlorophenol	10.096	162	1096305	45.001	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	1127789	42.591	ng		99
31) Naphthalene	10.501	128	3508025	40.256	ng		100
32) Benzoic acid	9.760	122	804704	54.780	ng		96
33) 4-Chloroaniline	10.595	127	839001	25.055	ng		99
34) Hexachlorobutadiene	10.796	225	668366	39.720	ng		99
35) Caprolactam	11.360	113	371981m	43.481	ng		
36) 4-Chloro-3-methylphenol	11.725	107	1169039	45.776	ng		98
37) 2-Methylnaphthalene	12.113	142	2280926	37.397	ng		100
38) 1-Methylnaphthalene	12.331	142	2346181	39.596	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1368368	43.637	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1370080	119.415	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	865628	46.702	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 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 :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	971919	45.954	ng		97
46) 1,1'-Biphenyl	13.137	154	3510801	45.431	ng		99
47) 2-Chloronaphthalene	13.172	162	2470353	40.630	ng		99
48) 2-Nitroaniline	13.366	65	686775	44.141	ng		99
49) Acenaphthylene	14.025	152	4185681	47.233	ng		100
50) Dimethylphthalate	13.766	163	3146994	42.869	ng		100
51) 2,6-Dinitrotoluene	13.878	165	648007	47.323	ng		99
52) Acenaphthene	14.372	154	2411580	39.640	ng		99
53) 3-Nitroaniline	14.207	138	537488	33.351	ng	#	97
54) 2,4-Dinitrophenol	14.407	184	620525	90.756	ng		99
55) Dibenzofuran	14.713	168	3707123	40.332	ng		99
56) 4-Nitrophenol	14.525	139	1280146	87.452	ng		98
57) 2,4-Dinitrotoluene	14.672	165	928820	46.248	ng		95
58) Fluorene	15.378	166	2946984	40.924	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	817638	49.169	ng		99
60) Diethylphthalate	15.166	149	3179916	43.088	ng		100
61) 4-Chlorophenyl-phenyle...	15.378	204	1424235	39.605	ng		99
62) 4-Nitroaniline	15.389	138	704598	44.917	ng		99
63) Azobenzene	15.683	77	2854023	42.670	ng		98
65) 4,6-Dinitro-2-methylph...	15.454	198	418767	50.643	ng		95
66) n-Nitrosodiphenylamine	15.601	169	2717880	43.269	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	935632	41.985	ng		99
68) Hexachlorobenzene	16.407	284	1040905	41.031	ng		97
69) Atrazine	16.583	200	993937	46.907	ng		99
70) Pentachlorophenol	16.766	266	1404655	90.648	ng		99
71) Phenanthrene	17.166	178	4736449	40.506	ng		100
72) Anthracene	17.266	178	4906737	42.332	ng		100
73) Carbazole	17.536	167	4647037	42.353	ng		100
74) Di-n-butylphthalate	18.154	149	5458434	44.459	ng		99
75) Fluoranthene	19.260	202	5596306	41.027	ng		99
77) Benzidine	19.454	184	2494908	49.033	ng		99
78) Pyrene	19.642	202	5806155	42.824	ng		99
80) Butylbenzylphthalate	20.607	149	2365907	46.828	ng		98
81) Benzo(a)anthracene	21.560	228	5819805	42.248	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1546719	34.849	ng		100
83) Chrysene	21.630	228	5490666	42.078	ng		100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3709522	46.029	ng		100
85) Di-n-octyl phthalate	22.807	149	6086837	51.008	ng		99
87) Indeno(1,2,3-cd)pyrene	28.677	276	6974909	44.365	ng	#	92
88) Benzo(b)fluoranthene	23.854	252	5796552	43.847	ng		100
89) Benzo(k)fluoranthene	23.918	252	5951541	44.086	ng		100
90) Benzo(a)pyrene	24.742	252	5611714	46.205	ng		99
91) Dibenzo(a,h)anthracene	28.753	278	5751136	44.951	ng		99
92) Benzo(g,h,i)perylene	29.847	276	5644301	45.845	ng		100

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

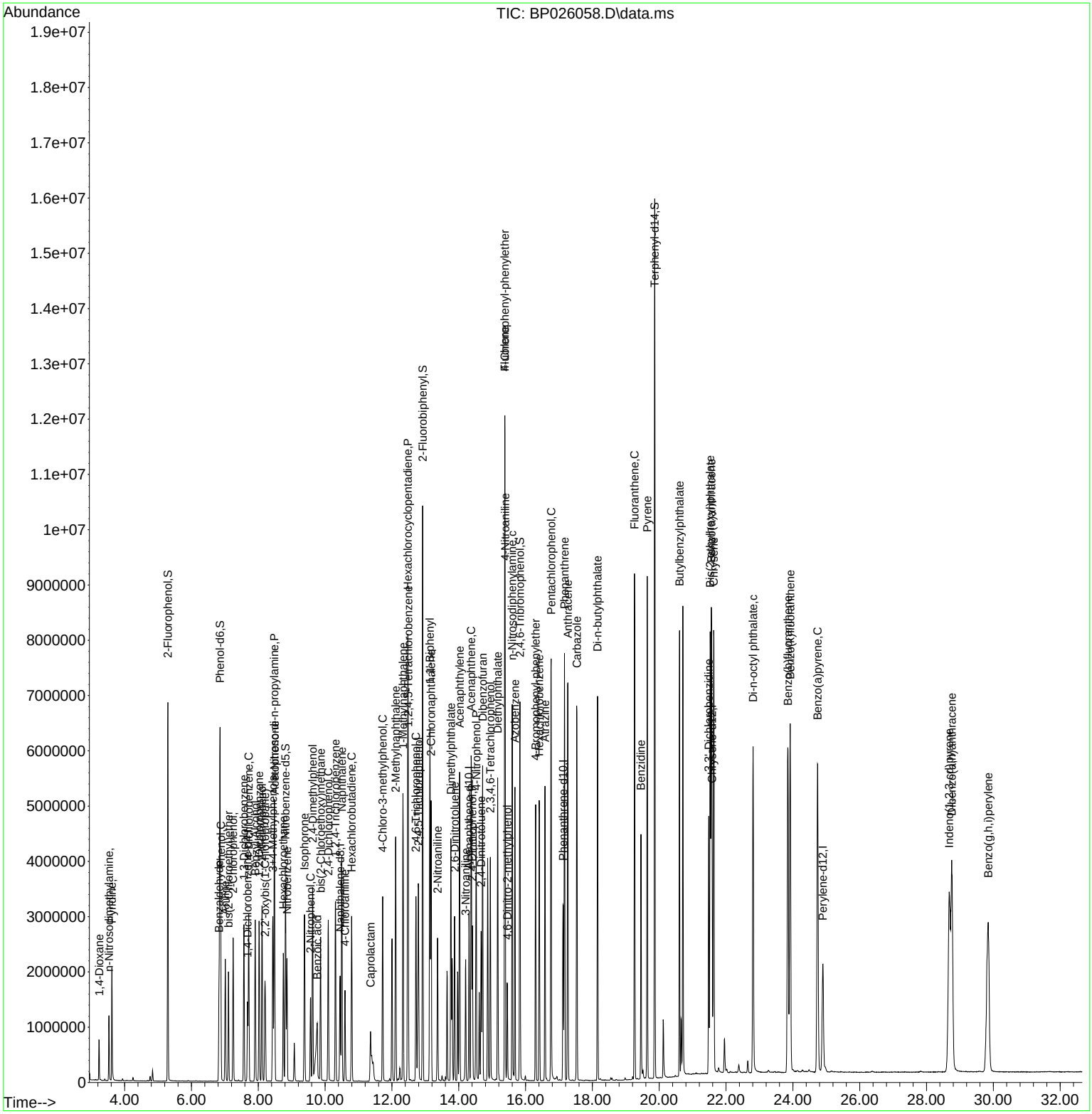
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 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 :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 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	7.684	152	230344	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	913499	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	573692	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1154142	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1320577	20.000	ng		0.01
86) Perylene-d12	24.889	264	1554006	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1034800	74.129	ng		0.00
7) Phenol-d6	6.855	99	1315612	74.046	ng		0.00
23) Nitrobenzene-d5	8.819	82	718062	49.003	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	502803	81.069	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	1719470	43.067	ng		0.00
79) Terphenyl-d14	19.860	244	2808520	43.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	245654	41.743	ng		98
3) Pyridine	3.619	79	653591	39.069	ng		99
4) n-Nitrosodimethylamine	3.531	42	305989	45.637	ng		94
6) Aniline	7.013	93	741914	31.287	ng		99
8) 2-Chlorophenol	7.249	128	767520	49.652	ng		97
9) Benzaldehyde	6.831	77	421669	45.654	ng		95
10) Phenol	6.884	94	939790	47.644	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	686866	44.124	ng		100
12) 1,3-Dichlorobenzene	7.572	146	815209	45.921	ng		99
13) 1,4-Dichlorobenzene	7.719	146	834769	46.508	ng		98
14) 1,2-Dichlorobenzene	8.037	146	796735	46.519	ng		98
15) Benzyl Alcohol	7.913	79	621325	48.507	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	974973	41.441	ng		98
17) 2-Methylphenol	8.119	107	624055	48.315	ng		98
18) Hexachloroethane	8.755	117	285850	46.541	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	495360	44.913	ng		97
20) 3+4-Methylphenols	8.437	107	851879	47.409	ng		98
22) Acetophenone	8.490	105	1062156	45.975	ng	#	97
24) Nitrobenzene	8.860	77	731015	47.248	ng		98
25) Isophorone	9.390	82	1416601	45.165	ng		99
26) 2-Nitrophenol	9.566	139	367075	63.539	ng		96
27) 2,4-Dimethylphenol	9.631	122	712048	53.986	ng		100
28) bis(2-Chloroethoxy)met...	9.866	93	890244	45.038	ng		100
29) 2,4-Dichlorophenol	10.102	162	706461	50.728	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	727408	48.056	ng		97
31) Naphthalene	10.501	128	2237445	44.915	ng		100
32) Benzoic acid	9.749	122	560751	63.086	ng		96
33) 4-Chloroaniline	10.601	127	319591	16.695	ng		99
34) Hexachlorobutadiene	10.807	225	437061	45.437	ng		99
35) Caprolactam	11.372	113	241440	49.370	ng		95
36) 4-Chloro-3-methylphenol	11.737	107	740711	50.738	ng		99
37) 2-Methylnaphthalene	12.125	142	1421190	40.762	ng		99
38) 1-Methylnaphthalene	12.348	142	1485088	43.844	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	802007	44.992	ng		99
41) Hexachlorocyclopentadiene	12.484	237	921688	141.321	ng		97
43) 2,4,6-Trichlorophenol	12.737	196	565547	53.677	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 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

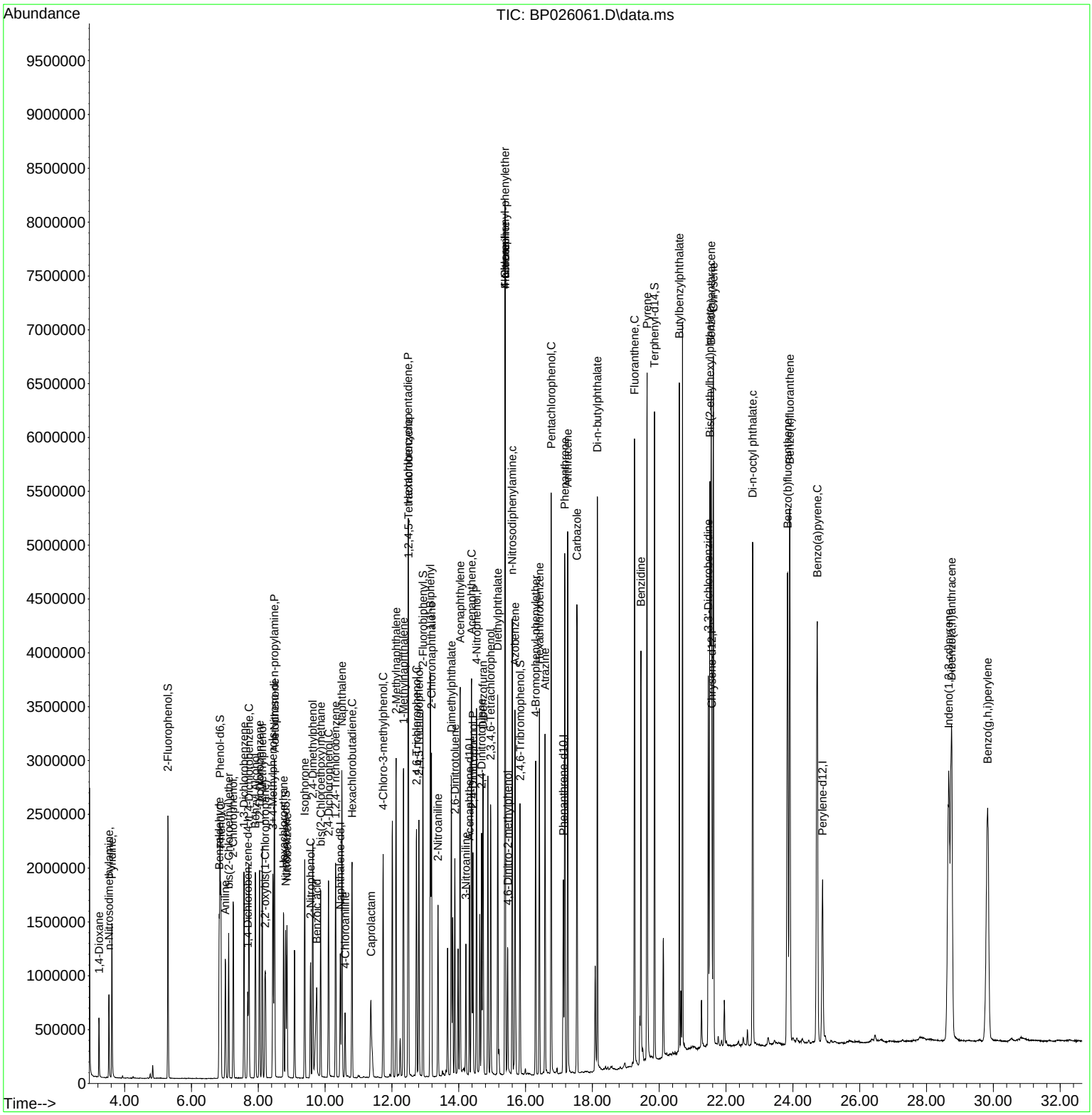
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	621732	51.714	ng	97
46) 1,1'-Biphenyl	13.148	154	2025270	46.104	ng	100
47) 2-Chloronaphthalene	13.184	162	1550279	44.855	ng	99
48) 2-Nitroaniline	13.378	65	443914	49.793	ng	100
49) Acenaphthylene	14.042	152	2662846	52.861	ng	100
50) Dimethylphthalate	13.778	163	1989156	47.668	ng	100
51) 2,6-Dinitrotoluene	13.884	165	406367	51.897	ng	98
52) Acenaphthene	14.384	154	1475483	42.666	ng	99
53) 3-Nitroaniline	14.213	138	280213	30.806	ng	98
54) 2,4-Dinitrophenol	14.425	184	430227	103.707	ng	97
55) Dibenzofuran	14.725	168	2405190	46.033	ng	99
56) 4-Nitrophenol	14.531	139	889709	106.923	ng	98
57) 2,4-Dinitrotoluene	14.684	165	582363	50.694	ng	96
58) Fluorene	15.389	166	1891035	46.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	553544	58.559	ng	99
60) Diethylphthalate	15.166	149	1996178	47.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	927006	45.349	ng	100
62) 4-Nitroaniline	15.389	138	461643	51.771	ng	94
63) Azobenzene	15.684	77	1915280	50.375	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	290971	58.360	ng	95
66) n-Nitrosodiphenylamine	15.601	169	1717820	47.604	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	595137	46.486	ng	99
68) Hexachlorobenzene	16.413	284	685540	47.038	ng	98
69) Atrazine	16.584	200	650082	53.402	ng	99
70) Pentachlorophenol	16.766	266	996902	111.985	ng	100
71) Phenanthrene	17.172	178	3106348	46.241	ng	100
72) Anthracene	17.260	178	3217289	48.315	ng	100
73) Carbazole	17.536	167	3089675	49.016	ng	100
74) Di-n-butylphthalate	18.148	149	3658234	51.866	ng	99
75) Fluoranthene	19.260	202	3795608	48.436	ng	99
77) Benzidine	19.454	184	2267672	67.652	ng	99
78) Pyrene	19.636	202	3918450	43.872	ng	100
80) Butylbenzylphthalate	20.601	149	1795165	53.421	ng	98
81) Benzo(a)anthracene	21.554	228	4277522	47.137	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1241377	42.457	ng	99
83) Chrysene	21.619	228	3977445	46.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	2741453	51.320	ng	99
85) Di-n-octyl phthalate	22.795	149	4878166	62.054	ng	97
87) Indeno(1,2,3-cd)pyrene	28.659	276	5622542	49.008	ng	98
88) Benzo(b)fluoranthene	23.842	252	4477746	46.415	ng	100
89) Benzo(k)fluoranthene	23.907	252	4571470	46.404	ng	100
90) Benzo(a)pyrene	24.730	252	4396054	49.601	ng	99
91) Dibenzo(a,h)anthracene	28.748	278	4613090	49.410	ng	100
92) Benzo(g,h,i)perylene	29.830	276	4530380	50.425	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 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

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	345956	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1339139	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	838184	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1700831	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1741305	20.000	ng		0.01
86) Perylene-d12	24.901	264	1964578	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	1402287	66.885	ng		0.00
7) Phenol-d6	6.855	99	1788683	67.029	ng		0.00
23) Nitrobenzene-d5	8.819	82	990160	46.094	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	683138	75.388	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	2373751	40.694	ng		0.00
79) Terphenyl-d14	19.871	244	3672530	42.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	324097	36.669	ng		98
3) Pyridine	3.619	79	876612	34.889	ng		98
4) n-Nitrosodimethylamine	3.531	42	415005	41.211	ng		95
6) Aniline	7.013	93	1062972	29.847	ng		98
8) 2-Chlorophenol	7.255	128	1047831	45.133	ng		97
9) Benzaldehyde	6.831	77	578623	41.711	ng		96
10) Phenol	6.884	94	1266278	42.743	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	933173	39.913	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1112065	41.709	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1144096	42.441	ng		98
14) 1,2-Dichlorobenzene	8.031	146	1096934	42.643	ng		100
15) Benzyl Alcohol	7.913	79	834687	43.388	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.201	45	1317067	37.273	ng		98
17) 2-Methylphenol	8.119	107	849875	43.810	ng		98
18) Hexachloroethane	8.754	117	390595	42.343	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	677161	40.879	ng		97
20) 3+4-Methylphenols	8.437	107	1153310	42.735	ng		99
22) Acetophenone	8.490	105	1445488	42.681	ng	#	97
24) Nitrobenzene	8.860	77	998094	44.006	ng		98
25) Isophorone	9.390	82	1938648	42.164	ng		99
26) 2-Nitrophenol	9.566	139	516379	61.081	ng		97
27) 2,4-Dimethylphenol	9.637	122	968769	50.104	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1224727	42.266	ng		99
29) 2,4-Dichlorophenol	10.101	162	958620	46.956	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	1001794	45.147	ng		98
31) Naphthalene	10.496	128	3055988	41.848	ng		100
32) Benzoic acid	9.760	122	774891	60.501	ng		95
33) 4-Chloroaniline	10.601	127	510560	18.194	ng		99
34) Hexachlorobutadiene	10.795	225	598063	42.413	ng		99
35) Caprolactam	11.372	113	337662	47.099	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	1007525	47.078	ng		97
37) 2-Methylnaphthalene	12.119	142	1938577	37.929	ng		99
38) 1-Methylnaphthalene	12.342	142	2017843	40.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1077175	41.361	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1243244	130.473	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	782493	50.832	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 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

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	850932	48.444	ng	98
46) 1,1'-Biphenyl	13.142	154	2771814	43.188	ng	99
47) 2-Chloronaphthalene	13.178	162	2108910	41.763	ng	99
48) 2-Nitroaniline	13.378	65	621752	47.854	ng	99
49) Acenaphthylene	14.036	152	3660936	49.742	ng	100
50) Dimethylphthalate	13.778	163	2659719	43.625	ng	100
51) 2,6-Dinitrotoluene	13.884	165	571822	50.094	ng	97
52) Acenaphthene	14.389	154	2102593	41.614	ng	99
53) 3-Nitroaniline	14.207	138	377478	28.609	ng	99
54) 2,4-Dinitrophenol	14.425	184	591250	99.558	ng	98
55) Dibenzofuran	14.736	168	3263619	42.752	ng	98
56) 4-Nitrophenol	14.531	139	1170731	96.298	ng	97
57) 2,4-Dinitrotoluene	14.684	165	807931	48.292	ng	94
58) Fluorene	15.389	166	2584473	43.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	750291	54.326	ng	99
60) Diethylphthalate	15.178	149	2723574	44.435	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	1259202	42.161	ng	98
62) 4-Nitroaniline	15.401	138	618513	47.475	ng	95
63) Azobenzene	15.689	77	2620845	47.180	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	406212	56.067	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2332051	43.853	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	822145	43.577	ng	96
68) Hexachlorobenzene	16.413	284	926997	43.161	ng	99
69) Atrazine	16.589	200	872262	48.623	ng	98
70) Pentachlorophenol	16.766	266	1328307	101.252	ng	100
71) Phenanthrene	17.172	178	4173304	42.156	ng	100
72) Anthracene	17.266	178	4278369	43.598	ng	100
73) Carbazole	17.542	167	4064676	43.757	ng	99
74) Di-n-butylphthalate	18.148	149	4915908	47.295	ng	100
75) Fluoranthene	19.266	202	4951949	42.881	ng	98
77) Benzidine	19.460	184	2913359	65.915	ng	99
78) Pyrene	19.642	202	5196427	44.123	ng	100
80) Butylbenzylphthalate	20.613	149	2290813	51.809	ng	99
81) Benzo(a)anthracene	21.560	228	5148001	43.023	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1419085	36.808	ng	100
83) Chrysene	21.624	228	4879542	43.049	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3379081	48.142	ng	99
85) Di-n-octyl phthalate	22.807	149	5812672	56.076	ng	97
87) Indeno(1,2,3-cd)pyrene	28.671	276	6582442m	45.384	ng	
88) Benzo(b)fluoranthene	23.842	252	5232886	42.907	ng	100
89) Benzo(k)fluoranthene	23.918	252	5472430	43.941	ng	100
90) Benzo(a)pyrene	24.742	252	5194536	46.362	ng	100
91) Dibenzo(a,h)anthracene	28.765	278	5395679	45.714	ng	99
92) Benzo(g,h,i)perylene	29.842	276	5296260m	46.630	ng	

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

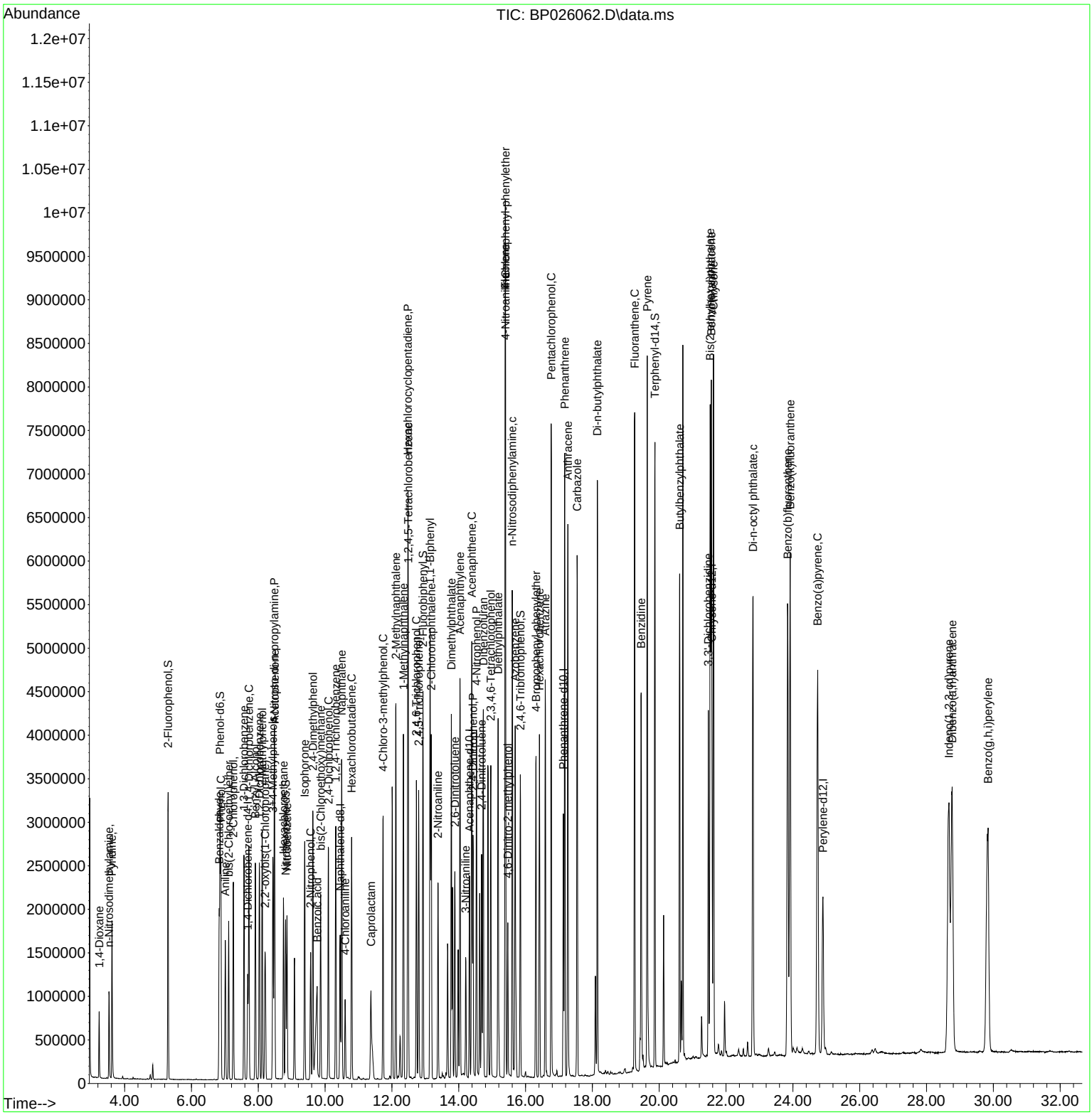
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 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

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



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

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG103125	Instrument	BNA_g

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

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

Manual Integration Report

Sequence:	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

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

Manual Integration Report

Sequence:	BP110325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170342BS	BP026055.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:36 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BS	BP026057.D	Caprolactam	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BS	BP026057.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BSD	BP026058.D	Caprolactam	Jagrut	11/4/2025 4:00:41 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Benzo(g,h,i)perylene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM				
SubDirectory	BG103125	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

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	BG064653.D	31 Oct 2025 12:42	RC/JU	Ok
2	SSTDCCC040	BG064654.D	31 Oct 2025 13:24	RC/JU	Ok
3	PB170342BL	BG064655.D	31 Oct 2025 14:04	RC/JU	Not Ok
4	Q3447-08	BG064656.D	31 Oct 2025 14:50	RC/JU	Ok
5	Q3497-01	BG064657.D	31 Oct 2025 15:31	RC/JU	Ok
6	Q3504-01	BG064658.D	31 Oct 2025 16:12	RC/JU	Ok
7	Q3496-01	BG064659.D	31 Oct 2025 16:54	RC/JU	Ok
8	Q3477-03	BG064660.D	31 Oct 2025 17:35	RC/JU	Ok
9	Q3495-01	BG064661.D	31 Oct 2025 18:16	RC/JU	Ok
10	Q3495-03	BG064662.D	31 Oct 2025 18:57	RC/JU	Ok
11	Q3503-05	BG064663.D	31 Oct 2025 19:38	RC/JU	Ok
12	Q3503-01	BG064664.D	31 Oct 2025 20:19	RC/JU	Ok
13	Q3486-07	BG064665.D	31 Oct 2025 21:00	RC/JU	Ok,M
14	Q3486-03DL	BG064666.D	31 Oct 2025 21:41	RC/JU	Ok,M
15	Q3503-03	BG064667.D	31 Oct 2025 22:22	RC/JU	Ok
16	Q3501-01	BG064668.D	31 Oct 2025 23:04	RC/JU	Ok
17	Q3499-01	BG064669.D	31 Oct 2025 23:45	RC/JU	Ok
18	Q3486-07DL	BG064670.D	1 Nov 2025 00:27	RC/JU	Not 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 # 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 # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM				
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM				
SubDirectory	BP110325	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	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	BP026052.D	03 Nov 2025 10:08	RC/JU	Ok
2	SSTDCCC040	BP026053.D	03 Nov 2025 11:06	RC/JU	Ok
3	PB170342BL	BP026054.D	03 Nov 2025 11:47	RC/JU	Ok
4	PB170342BS	BP026055.D	03 Nov 2025 12:29	RC/JU	Ok,M
5	PB170346BL	BP026056.D	03 Nov 2025 13:21	RC/JU	Ok
6	PB170346BS	BP026057.D	03 Nov 2025 14:03	RC/JU	Ok,M
7	PB170346BSD	BP026058.D	03 Nov 2025 14:44	RC/JU	Ok,M
8	Q3494-01	BP026059.D	03 Nov 2025 15:32	RC/JU	Ok
9	Q3495-02	BP026060.D	03 Nov 2025 16:13	RC/JU	Ok
10	Q3495-02MS	BP026061.D	03 Nov 2025 16:54	RC/JU	Ok
11	Q3495-02MSD	BP026062.D	03 Nov 2025 17:35	RC/JU	Ok,M
12	Q3519-01	BP026063.D	03 Nov 2025 18:16	RC/JU	Ok,M
13	Q3519-01MS	BP026064.D	03 Nov 2025 18:57	RC/JU	Ok,M
14	Q3519-01MSD	BP026065.D	03 Nov 2025 19:39	RC/JU	Ok
15	Q3515-01	BP026066.D	03 Nov 2025 20:20	RC/JU	Dilution
16	Q3520-01	BP026067.D	03 Nov 2025 21:01	RC/JU	Not Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/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	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

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	BG064653.D	31 Oct 2025 12:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064654.D	31 Oct 2025 13:24		RC/JU	Ok
3	PB170342BL	PB170342BL	BG064655.D	31 Oct 2025 14:04	Analyzed for contamination check	RC/JU	Not Ok
4	Q3447-08	P001-TW4-251023-01	BG064656.D	31 Oct 2025 14:50		RC/JU	Ok
5	Q3497-01	OK-01-103025	BG064657.D	31 Oct 2025 15:31		RC/JU	Ok
6	Q3504-01	72-11986	BG064658.D	31 Oct 2025 16:12		RC/JU	Ok
7	Q3496-01	DRILL-CUTTINGS	BG064659.D	31 Oct 2025 16:54		RC/JU	Ok
8	Q3477-03	SOUTH-MAHWAH-WA	BG064660.D	31 Oct 2025 17:35		RC/JU	Ok
9	Q3495-01	SB-1025-1	BG064661.D	31 Oct 2025 18:16		RC/JU	Ok
10	Q3495-03	TW-1025-1	BG064662.D	31 Oct 2025 18:57		RC/JU	Ok
11	Q3503-05	324	BG064663.D	31 Oct 2025 19:38		RC/JU	Ok
12	Q3503-01	322	BG064664.D	31 Oct 2025 20:19		RC/JU	Ok
13	Q3486-07	TP6	BG064665.D	31 Oct 2025 21:00		RC/JU	Ok,M
14	Q3486-03DL	TP4DL	BG064666.D	31 Oct 2025 21:41		RC/JU	Ok,M
15	Q3503-03	323	BG064667.D	31 Oct 2025 22:22		RC/JU	Ok
16	Q3501-01	461	BG064668.D	31 Oct 2025 23:04		RC/JU	Ok
17	Q3499-01	RBR251235	BG064669.D	31 Oct 2025 23:45		RC/JU	Ok

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

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	

18	Q3486-07DL	TP6DL	BG064670.D	1 Nov 2025 00:27	Not Required	RC/JU	Not 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 # 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

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 # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM		
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM		
SubDirectory	BP110325	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	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	BP026052.D	03 Nov 2025 10:08		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026053.D	03 Nov 2025 11:06		RC/JU	Ok
3	PB170342BL	PB170342BL	BP026054.D	03 Nov 2025 11:47		RC/JU	Ok
4	PB170342BS	PB170342BS	BP026055.D	03 Nov 2025 12:29		RC/JU	Ok,M
5	PB170346BL	PB170346BL	BP026056.D	03 Nov 2025 13:21		RC/JU	Ok
6	PB170346BS	PB170346BS	BP026057.D	03 Nov 2025 14:03		RC/JU	Ok,M
7	PB170346BSD	PB170346BSD	BP026058.D	03 Nov 2025 14:44		RC/JU	Ok,M
8	Q3494-01	MW3	BP026059.D	03 Nov 2025 15:32		RC/JU	Ok
9	Q3495-02	SB-1025-2	BP026060.D	03 Nov 2025 16:13		RC/JU	Ok
10	Q3495-02MS	SB-1025-2MS	BP026061.D	03 Nov 2025 16:54		RC/JU	Ok
11	Q3495-02MSD	SB-1025-2MSD	BP026062.D	03 Nov 2025 17:35		RC/JU	Ok,M
12	Q3519-01	PL-01-103125	BP026063.D	03 Nov 2025 18:16		RC/JU	Ok,M
13	Q3519-01MS	PL-01-103125MS	BP026064.D	03 Nov 2025 18:57		RC/JU	Ok,M
14	Q3519-01MSD	PL-01-103125MSD	BP026065.D	03 Nov 2025 19:39		RC/JU	Ok
15	Q3515-01	SU-04-103125	BP026066.D	03 Nov 2025 20:20	Need further 2X dilution	RC/JU	Dilution
16	Q3520-01	EO-02-103125	BP026067.D	03 Nov 2025 21:01	Analyze with a lower DF	RC/JU	Not Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170342

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:45
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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	EP2641
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

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q3500-01,Q3501-01 & Q3502-01 used Limited volume as samples are oil & Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (Ext-lab)	JG / SVOC
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170342

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170342BL	SBLK342	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U2-1
PB170342BS	SLCS342	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3495-01	SB-1025-1	SVOC-PAH	30.06	N/A	ritesh	Evelyn	1	B		3
Q3495-02	SB-1025-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		4
Q3495-02MS	SB-1025-2MS	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		5
Q3495-02MSD	SB-1025-2MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q3496-01	DRILL-CUTTINGS	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		U3-1
Q3497-01	OK-01-103025	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3499-01	RBR251235	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		3
Q3501-01	461	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris	4
Q3503-01	322	SVOC-TCL BNA -20	5.06	N/A	ritesh	Evelyn	1	E	Oily Debris	5
Q3503-03	323	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E	Small Particles	6
Q3503-05	324	SVOC-TCL BNA -20	5.07	N/A	ritesh	Evelyn	1	E	Oily Debris	U4-1
Q3504-01	72-11986	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2

RS
10/31

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

17034 9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3497 **WorkList ID :** 192812 **Department :** Extraction **Date :** 10-31-2025 08:26:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-01	SB-1025-1	Solid	SVOC-PAH	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3495-02	SB-1025-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3496-01	DRILL-CUTTINGS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3497-01	OK-01-103025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/30/2025	8270E
Q3499-01	RBR251235	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3501-01	461	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-01	322	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-03	323	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-05	324	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3504-01	72-11986	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E

Date/Time 10/31/25 9:25
Raw Sample Received by: RJ (ETA-Lab)
Raw Sample Relinquished by: [signature] (Lab)

Date/Time 10/31/25 9:50
Raw Sample Received by: [signature] (Lab)
Raw Sample Relinquished by: RJ (ETA-Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170346

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Water			**Extraction Start Time :**	08:30
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/31/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (EH Lab)	JQ/SVOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170346

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170346BL	SBLK346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170346BS	SLCS346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170346BSD	SLCSD346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3477-03	SOUTH-MAHWAH-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	R		4
Q3494-01	MW3	SVOCMS Group2	970	6	RUPESH	ritesh	1	C		5
Q3495-03	TW-1025-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	E		6

RS
10/31

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

170346
8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3494 **WorkList ID :** 192821 **Department :** Extraction **Date :** 10-31-2025 08:23:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3477-03	SOUTH-MAHWAH-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/28/2025	8270E
Q3494-01	MW3	Water	SVOCMS Group2	Cool 4 deg C	GENV01	J31	10/29/2025	8270E
Q3495-03	TW-1025-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E

Date/Time 10/31/25 8:25
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/31/25 9:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Ext Lab)

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

LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-01	**SB-1025-1**	**SOIL**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20			10/31/25	10/31/25	
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20	8270E		10/31/25	11/03/25	
Q3495-03	**TW-1025-1**	**Water**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20	8270E		10/31/25	10/31/25	