284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**COMP-ROLLOFF**									
Q3399-01	COMP-ROLLOFF	SOIL	1-Docosene	*	190.000	J	0		0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
			Total Tics :		**430.00**					
			Total Concentration:		**430.00**					

SAMPLE DATA

Raw Data: **BG064682.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	300	U	1	170	300	370	ug/Kg	11/03/25 21:24	PB170206
108-95-2	Phenol	140	U	1	24.5	140	190	ug/Kg	11/03/25 21:24	PB170206
111-44-4	bis(2-Chloroethyl)ether	140	U	1	26.9	140	190	ug/Kg	11/03/25 21:24	PB170206
95-57-8	2-Chlorophenol	140	U	1	27.1	140	190	ug/Kg	11/03/25 21:24	PB170206
95-48-7	2-Methylphenol	140	U	1	33.2	140	190	ug/Kg	11/03/25 21:24	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	1	41.6	140	190	ug/Kg	11/03/25 21:24	PB170206
98-86-2	Acetophenone	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
65794-96-9	3+4-Methylphenols	300	U	1	45.6	300	370	ug/Kg	11/03/25 21:24	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	88.7	ug/Kg	11/03/25 21:24	PB170206
67-72-1	Hexachloroethane	140	U	1	19.5	140	190	ug/Kg	11/03/25 21:24	PB170206
98-95-3	Nitrobenzene	140	U	1	20.3	140	190	ug/Kg	11/03/25 21:24	PB170206
78-59-1	Isophorone	140	U	1	36.4	140	190	ug/Kg	11/03/25 21:24	PB170206
88-75-5	2-Nitrophenol	140	UM	1	64.5	140	190	ug/Kg	11/03/25 21:24	PB170206
105-67-9	2,4-Dimethylphenol	140	U	1	71.9	140	190	ug/Kg	11/03/25 21:24	PB170206
111-91-1	bis(2-Chloroethoxy)methane	140	U	1	34.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-83-2	2,4-Dichlorophenol	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
91-20-3	Naphthalene	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
106-47-8	4-Chloroaniline	140	U	1	39.3	140	190	ug/Kg	11/03/25 21:24	PB170206
87-68-3	Hexachlorobutadiene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
105-60-2	Caprolactam	300	U	1	57.8	300	370	ug/Kg	11/03/25 21:24	PB170206
59-50-7	4-Chloro-3-methylphenol	140	U	1	31.8	140	190	ug/Kg	11/03/25 21:24	PB170206
91-57-6	2-Methylnaphthalene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
77-47-4	Hexachlorocyclopentadiene	300	UQM	1	130	300	370	ug/Kg	11/03/25 21:24	PB170206
88-06-2	2,4,6-Trichlorophenol	140	U	1	22.0	140	190	ug/Kg	11/03/25 21:24	PB170206
95-95-4	2,4,5-Trichlorophenol	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
92-52-4	1,1-Biphenyl	140	U	1	24.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-58-7	2-Chloronaphthalene	140	U	1	25.0	140	190	ug/Kg	11/03/25 21:24	PB170206
88-74-4	2-Nitroaniline	140	U	1	53.3	140	190	ug/Kg	11/03/25 21:24	PB170206
131-11-3	Dimethylphthalate	140	U	1	30.1	140	190	ug/Kg	11/03/25 21:24	PB170206
208-96-8	Acenaphthylene	140	U	1	32.1	140	190	ug/Kg	11/03/25 21:24	PB170206
606-20-2	2,6-Dinitrotoluene	140	U	1	37.3	140	190	ug/Kg	11/03/25 21:24	PB170206
99-09-2	3-Nitroaniline	140	U	1	51.0	140	190	ug/Kg	11/03/25 21:24	PB170206
83-32-9	Acenaphthene	140	U	1	23.6	140	190	ug/Kg	11/03/25 21:24	PB170206
51-28-5	2,4-Dinitrophenol	300	U	1	250	300	370	ug/Kg	11/03/25 21:24	PB170206
100-02-7	4-Nitrophenol	300	U	1	120	300	370	ug/Kg	11/03/25 21:24	PB170206
132-64-9	Dibenzofuran	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
121-14-2	2,4-Dinitrotoluene	140	U	1	55.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-66-2	Diethylphthalate	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
7005-72-3	4-Chlorophenyl-phenylether	140	U	1	29.6	140	190	ug/Kg	11/03/25 21:24	PB170206
86-73-7	Fluorene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
100-01-6	4-Nitroaniline	140	U	1	71.2	140	190	ug/Kg	11/03/25 21:24	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	300	U	1	110	300	370	ug/Kg	11/03/25 21:24	PB170206

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	140	U	1	36.5	140	190	ug/Kg	11/03/25 21:24	PB170206
101-55-3	4-Bromophenyl-phenylether	140	U	1	30.8	140	190	ug/Kg	11/03/25 21:24	PB170206
118-74-1	Hexachlorobenzene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
1912-24-9	Atrazine	140	U	1	37.7	140	190	ug/Kg	11/03/25 21:24	PB170206
87-86-5	Pentachlorophenol	300	U	1	56.9	300	370	ug/Kg	11/03/25 21:24	PB170206
85-01-8	Phenanthrene	140	U	1	23.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-12-7	Anthracene	140	U	1	36.9	140	190	ug/Kg	11/03/25 21:24	PB170206
86-74-8	Carbazole	140	U	1	34.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-74-2	Di-n-butylphthalate	140	U	1	53.1	140	190	ug/Kg	11/03/25 21:24	PB170206
206-44-0	Fluoranthene	140	U	1	33.3	140	190	ug/Kg	11/03/25 21:24	PB170206
129-00-0	Pyrene	140	U	1	39.9	140	190	ug/Kg	11/03/25 21:24	PB170206
85-68-7	Butylbenzylphthalate	140	U	1	79.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-94-1	3,3-Dichlorobenzidine	300	U	1	40.7	300	370	ug/Kg	11/03/25 21:24	PB170206
56-55-3	Benzo(a)anthracene	140	U	1	25.5	140	190	ug/Kg	11/03/25 21:24	PB170206
218-01-9	Chrysene	140	U	1	22.1	140	190	ug/Kg	11/03/25 21:24	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	65.7	140	190	ug/Kg	11/03/25 21:24	PB170206
117-84-0	Di-n-octyl phthalate	300	U	1	96.3	300	370	ug/Kg	11/03/25 21:24	PB170206
205-99-2	Benzo(b)fluoranthene	140	U	1	21.1	140	190	ug/Kg	11/03/25 21:24	PB170206
207-08-9	Benzo(k)fluoranthene	140	U	1	24.8	140	190	ug/Kg	11/03/25 21:24	PB170206
50-32-8	Benzo(a)pyrene	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
53-70-3	Dibenzo(a,h)anthracene	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
191-24-2	Benzo(g,h,i)perylene	140	U	1	28.5	140	190	ug/Kg	11/03/25 21:24	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
123-91-1	1,4-Dioxane	140	UQM		50.1	140	190	ug/Kg	11/03/25 21:24	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	89.1			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.5			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.2			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.5			44 - 115		65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	104			39 - 132		69%	SPK: 150		
1718-51-0	Terphenyl-d14	61.8			54 - 127		62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	32100								
1146-65-2	Naphthalene-d8	123000								
15067-26-2	Acenaphthene-d10	95300								
1517-22-2	Phenanthrene-d10	252000								
1719-03-5	Chrysene-d12	301000								
1520-96-3	Perylene-d12	332000								
TENTATIVE IDENTIFIED COMPOUNDS										
000119-61-9	Benzophenone	240	J				16.2	ug/Kg		
001599-67-3	1-Docosene	190	J				21.5	ug/Kg		

Raw Data: **BG064682.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	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

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

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170206BL	PB170206BL	2-Fluorophenol	150	139	93		35	115
		Phenol-d6	150	127	85		34	127
		Nitrobenzene-d5	100	110	110		37	122
		2-Fluorobiphenyl	100	93.6	94		44	115
		2,4,6-Tribromophenol	150	159	106		39	132
		Terphenyl-d14	100	96.5	97		54	127
PB170206BS	PB170206BS	2-Fluorophenol	150	122	82		35	115
		Phenol-d6	150	123	82		34	127
		Nitrobenzene-d5	100	92.4	92		37	122
		2-Fluorobiphenyl	100	81.6	82		44	115
		2,4,6-Tribromophenol	150	147	98		39	132
		Terphenyl-d14	100	86.2	86		54	127
Q3399-01	COMP-ROLLOFF	2-Fluorophenol	150	89.1	59		35	115
		Phenol-d6	150	91.5	61		34	127
		Nitrobenzene-d5	100	74.2	74		37	122
		2-Fluorobiphenyl	100	64.5	65		44	115
		2,4,6-Tribromophenol	150	104	69		39	132
		Terphenyl-d14	100	61.8	62		54	127
Q3399-01MS	COMP-ROLLOFFMS	2-Fluorophenol	150	88.7	59		35	115
		Phenol-d6	150	91.3	61		34	127
		Nitrobenzene-d5	100	68.7	69		37	122
		2-Fluorobiphenyl	100	59.5	60		44	115
		2,4,6-Tribromophenol	150	119	79		39	132
		Terphenyl-d14	100	59.9	60		54	127
Q3399-01MSD	COMP-ROLLOFFMSD	2-Fluorophenol	150	91.1	61		35	115
		Phenol-d6	150	98.9	66		34	127
		Nitrobenzene-d5	100	74.1	74		37	122
		2-Fluorobiphenyl	100	60.0	60		44	115
		2,4,6-Tribromophenol	150	121	81		39	132
		Terphenyl-d14	100	60.6	61		54	127

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MS		**Client Sample ID: COMP-ROLLOFFMS**									
Benzaldehyde	1800	0	1100	ug/Kg	61				10	161	
Phenol	1800	0	1700	ug/Kg	94				34	121	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				31	120	
2-Chlorophenol	1800	0	1900	ug/Kg	106				34	121	
2-Methylphenol	1800	0	1800	ug/Kg	100				32	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				33	131	
Acetophenone	1800	0	1900	ug/Kg	106				33	115	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				34	119	
N-Nitroso-di-n-propylamine	1800	0	1700	ug/Kg	94				36	120	
Hexachloroethane	1800	0	1800	ug/Kg	100				28	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				34	122	
Isophorone	1800	0	1600	ug/Kg	89				30	122	
2-Nitrophenol	1800	0	2200	ug/Kg	122				36	123	
2,4-Dimethylphenol	1800	0	1900	ug/Kg	106				30	127	
bis(2-Chloroethoxy)methane	1800	0	1600	ug/Kg	89				36	121	
2,4-Dichlorophenol	1800	0	2000	ug/Kg	111				40	122	
Naphthalene	1800	0	1700	ug/Kg	94				35	123	
4-Chloroaniline	1800	0	870	ug/Kg	48				17	106	
Hexachlorobutadiene	1800	0	1900	ug/Kg	106				32	123	
Caprolactam	1800	0	1500	ug/Kg	83				46	117	
4-Chloro-3-methylphenol	1800	0	1900	ug/Kg	106				45	122	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				38	122	
Hexachlorocyclopentadiene	3700	0	5500	ug/Kg	149	*			43	112	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				39	126	
2,4,5-Trichlorophenol	1800	0	2000	ug/Kg	111				41	124	
1,1-Biphenyl	1800	0	1900	ug/Kg	106				40	117	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				41	114	
2-Nitroaniline	1800	0	1900	ug/Kg	106				44	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				48	124	
Acenaphthylene	1800	0	2000	ug/Kg	111				32	132	
2,6-Dinitrotoluene	1800	0	2100	ug/Kg	117				46	124	
3-Nitroaniline	1800	0	1600	ug/Kg	89				33	119	
Acenaphthene	1800	0	1900	ug/Kg	106				40	123	
2,4-Dinitrophenol	3700	0	4100	ug/Kg	111				15	130	
4-Nitrophenol	3700	0	3500	ug/Kg	95				30	132	
Dibenzofuran	1800	0	1800	ug/Kg	100				44	120	
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117				48	126	
Diethylphthalate	1800	0	1700	ug/Kg	94				50	124	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				45	121	
Fluorene	1800	0	1800	ug/Kg	100				43	125	
4-Nitroaniline	1800	0	2000	ug/Kg	111				35	115	
4,6-Dinitro-2-methylphenol	1800	0	2300	ug/Kg	128				29	132	
N-Nitrosodiphenylamine	1800	0	1800	ug/Kg	100				38	127	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				46	124	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				45	122	
Atrazine	1800	0	2000	ug/Kg	111				47	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70				25	133	
Phenanthrene	1800	0	1800	ug/Kg	100				50	121	
Anthracene	1800	0	1800	ug/Kg	100				47	123	
Carbazole	1800	0	1800	ug/Kg	100				50	123	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				51	128	
Fluoranthene	1800	0	1800	ug/Kg	100				50	127	
Pyrene	1800	0	1700	ug/Kg	94				47	127	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				48	132	
3,3-Dichlorobenzidine	1800	0	1300	ug/Kg	72				22	121	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				49	126	
Chrysene	1800	0	1800	ug/Kg	100				50	124	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				51	133	
Di-n-octyl phthalate	1800	0	1900	ug/Kg	106				45	140	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100				47	132	
Benzo(a)pyrene	1800	0	1900	ug/Kg	106				45	129	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				45	133	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				45	134	
Benzo(g,h,i)perylene	1800	0	1900	ug/Kg	106				43	134	
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111				37	119	
1,4-Dioxane	1800	0	1200	ug/Kg	67	*			70	130	
2,3,4,6-Tetrachlorophenol	1800	0	2000	ug/Kg	111				44	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MSD		**Client Sample ID: COMP-ROLLOFFMSD**									
Benzaldehyde	1900	0	1200	ug/Kg	63		3		10	161	20
Phenol	1900	0	1800	ug/Kg	95		1		34	121	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		1		31	120	20
2-Chlorophenol	1900	0	2000	ug/Kg	105		1		34	121	20
2-Methylphenol	1900	0	1900	ug/Kg	100		0		32	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84		6		33	131	20
Acetophenone	1900	0	2000	ug/Kg	105		1		33	115	20
3+4-Methylphenols	1900	0	1800	ug/Kg	95		5		34	119	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89		5		36	120	20
Hexachloroethane	1900	0	1900	ug/Kg	100		0		28	117	20
Nitrobenzene	1900	0	2000	ug/Kg	105		1		34	122	20
Isophorone	1900	0	1700	ug/Kg	89		0		30	122	20
2-Nitrophenol	1900	0	2400	ug/Kg	126	*	3		36	123	20
2,4-Dimethylphenol	1900	0	2000	ug/Kg	105		1		30	127	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89		0		36	121	20
2,4-Dichlorophenol	1900	0	2100	ug/Kg	111		0		40	122	20
Naphthalene	1900	0	1800	ug/Kg	95		1		35	123	20
4-Chloroaniline	1900	0	930	ug/Kg	49		2		17	106	20
Hexachlorobutadiene	1900	0	2000	ug/Kg	105		1		32	123	20
Caprolactam	1900	0	1700	ug/Kg	89		7		46	117	20
4-Chloro-3-methylphenol	1900	0	2000	ug/Kg	105		1		45	122	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89		0		38	122	20
Hexachlorocyclopentadiene	3700	0	5600	ug/Kg	151	*	1		43	112	20
2,4,6-Trichlorophenol	1900	0	2100	ug/Kg	111		0		39	126	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105		6		41	124	20
1,1-Biphenyl	1900	0	2000	ug/Kg	105		1		40	117	20
2-Chloronaphthalene	1900	0	1800	ug/Kg	95		1		41	114	20
2-Nitroaniline	1900	0	2000	ug/Kg	105		1		44	127	20
Dimethylphthalate	1900	0	1800	ug/Kg	95		1		48	124	20
Acenaphthylene	1900	0	2000	ug/Kg	105		6		32	132	20
2,6-Dinitrotoluene	1900	0	2200	ug/Kg	116		1		46	124	20
3-Nitroaniline	1900	0	1600	ug/Kg	84		6		33	119	20
Acenaphthene	1900	0	2000	ug/Kg	105		1		40	123	20
2,4-Dinitrophenol	3700	0	4000	ug/Kg	108		3		15	130	20
4-Nitrophenol	3700	0	3500	ug/Kg	95		0		30	132	20
Dibenzofuran	1900	0	1800	ug/Kg	95		5		44	120	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111		5		48	126	20
Diethylphthalate	1900	0	1800	ug/Kg	95		1		50	124	20
4-Chlorophenyl-phenylether	1900	0	1900	ug/Kg	100		6		45	121	20
Fluorene	1900	0	1800	ug/Kg	95		5		43	125	20
4-Nitroaniline	1900	0	2000	ug/Kg	105		6		35	115	20
4,6-Dinitro-2-methylphenol	1900	0	2400	ug/Kg	126		2		29	132	20
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100		0		38	127	20
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105		1		46	124	20
Hexachlorobenzene	1900	0	2000	ug/Kg	105		6		45	122	20
Atrazine	1900	0	2000	ug/Kg	105		6		47	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70		0		25	133	20
Phenanthrene	1900	0	1800	ug/Kg	95		5		50	121	20
Anthracene	1900	0	1800	ug/Kg	95		5		47	123	20
Carbazole	1900	0	1800	ug/Kg	95		5		50	123	20
Di-n-butylphthalate	1900	0	1800	ug/Kg	95		5		51	128	20
Fluoranthene	1900	0	1800	ug/Kg	95		5		50	127	20
Pyrene	1900	0	1700	ug/Kg	89		5		47	127	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		1		48	132	20
3,3-Dichlorobenzidine	1900	0	1400	ug/Kg	74		3		22	121	20
Benzo(a)anthracene	1900	0	1800	ug/Kg	95		5		49	126	20
Chrysene	1900	0	1800	ug/Kg	95		5		50	124	20
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100		0		51	133	20
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100		6		45	140	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		0		47	132	20
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		6		45	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		45	133	20
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		45	134	20
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		6		43	134	20
1,2,4,5-Tetrachlorobenzene	1900	0	2100	ug/Kg	111		0		37	119	20
1,4-Dioxane	1900	0	1200	ug/Kg	63	*	6		70	130	20
2,3,4,6-Tetrachlorophenol	1900	0	2200	ug/Kg	116		4		44	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Benzaldehyde	1700	980	ug/Kg	58				10	161	
	Phenol	1700	1400	ug/Kg	82				34	121	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				31	120	
	2-Chlorophenol	1700	1500	ug/Kg	88				34	121	
	2-Methylphenol	1700	1500	ug/Kg	88				32	122	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				33	131	
	Acetophenone	1700	1500	ug/Kg	88				33	115	
	3+4-Methylphenols	1700	1400	ug/Kg	82				34	119	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				36	120	
	Hexachloroethane	1700	1400	ug/Kg	82				28	117	
	Nitrobenzene	1700	1500	ug/Kg	88				34	122	
	Isophorone	1700	1300	ug/Kg	76				30	122	
	2-Nitrophenol	1700	1700	ug/Kg	100				36	123	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				30	127	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				36	121	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				40	122	
	Naphthalene	1700	1400	ug/Kg	82				35	123	
	4-Chloroaniline	1700	700	ug/Kg	41				17	106	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				32	123	
	Caprolactam	1700	1400	ug/Kg	82				46	117	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				45	122	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				38	122	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127		*		43	112	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				39	126	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				41	124	
	1,1-Biphenyl	1700	1600	ug/Kg	94				40	117	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				41	114	
	2-Nitroaniline	1700	1500	ug/Kg	88				44	127	
	Dimethylphthalate	1700	1500	ug/Kg	88				48	124	
	Acenaphthylene	1700	1700	ug/Kg	100				32	132	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106				46	124	
	3-Nitroaniline	1700	1200	ug/Kg	71				33	119	
	Acenaphthene	1700	1600	ug/Kg	94				40	123	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				15	130	
	4-Nitrophenol	3300	3100	ug/Kg	94				30	132	
	Dibenzofuran	1700	1400	ug/Kg	82				44	120	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				48	126	
	Diethylphthalate	1700	1500	ug/Kg	88				50	124	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				45	121	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	4-Nitroaniline	1700	1700	ug/Kg	100				35	115	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				29	132	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				38	127	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				46	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Hexachlorobenzene	1700	1500	ug/Kg	88				45	122	
	Atrazine	1700	1600	ug/Kg	94				47	127	
	Pentachlorophenol	3300	3300	ug/Kg	100				25	133	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1500	ug/Kg	88				47	123	
	Carbazole	1700	1500	ug/Kg	88				50	123	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				51	128	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1400	ug/Kg	82				47	127	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				48	132	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				22	121	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1400	ug/Kg	82				50	124	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				51	133	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				45	140	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				47	132	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				37	119	
	1,4-Dioxane	1700	1000	ug/Kg	59		*		70	130	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				44	125	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170206BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064673.D | Lab Sample ID: PB170206BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

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

Level: (low/med) LOW | Time Analyzed: 15:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170206BS	PB170206BS	BG064674.D	11/03/2025
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

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	35.3
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	15.1
442	Greater than 50% of mass 198	92.7
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: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064671.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170206BL	PB170206BL	BG064673.D	11/03/2025	15:16
PB170206BS	PB170206BS	BG064674.D	11/03/2025	15:57
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025	21:24
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025	22:05
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025	22:46
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

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

Lab File ID: BG064672.D Time Analyzed: 14:35

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	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170206BL	33303	8.21	120360	11.04	97938	14.83
02	PB170206BS	31473	8.21	125369	11.04	100193	14.83
03	COMP-ROLLOFF	32053	8.21	122752	11.04	95326	14.83
04	COMP-ROLLOFFMS	30518	8.21	124719	11.03	97711	14.83
05	COMP-ROLLOFFMSD	29939	8.21	118752	11.03	97631	14.83

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.: Q3399

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

Lab File ID: BG064672.D Time Analyzed: 14:35

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	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170206BL	255703	17.57	321187	21.84	341510	25.17
02	PB170206BS	249048	17.57	291284	21.85	304737	25.18
03	COMP-ROLLOFF	251613	17.57	301190	21.84	331540	25.17
04	COMP-ROLLOFFMS	238341	17.57	278646	21.84	306904	25.17
05	COMP-ROLLOFFMSD	238127	17.57	275359	21.84	303393	25.18

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BL	SDG No.:	Q3399
Lab Sample ID:	PB170206BL	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: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	270	U	1	160	270	330	ug/Kg	11/03/25 15:16	PB170206
108-95-2	Phenol	130	U	1	22.1	130	170	ug/Kg	11/03/25 15:16	PB170206
111-44-4	bis(2-Chloroethyl)ether	130	U	1	24.3	130	170	ug/Kg	11/03/25 15:16	PB170206
95-57-8	2-Chlorophenol	130	U	1	24.4	130	170	ug/Kg	11/03/25 15:16	PB170206
95-48-7	2-Methylphenol	130	U	1	29.9	130	170	ug/Kg	11/03/25 15:16	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	1	37.5	130	170	ug/Kg	11/03/25 15:16	PB170206
98-86-2	Acetophenone	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
65794-96-9	3+4-Methylphenols	270	U	1	41.1	270	330	ug/Kg	11/03/25 15:16	PB170206
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	80.0	ug/Kg	11/03/25 15:16	PB170206
67-72-1	Hexachloroethane	130	U	1	17.6	130	170	ug/Kg	11/03/25 15:16	PB170206
98-95-3	Nitrobenzene	130	U	1	18.3	130	170	ug/Kg	11/03/25 15:16	PB170206
78-59-1	Isophorone	130	U	1	32.8	130	170	ug/Kg	11/03/25 15:16	PB170206
88-75-5	2-Nitrophenol	130	U	1	58.2	130	170	ug/Kg	11/03/25 15:16	PB170206
105-67-9	2,4-Dimethylphenol	130	U	1	64.8	130	170	ug/Kg	11/03/25 15:16	PB170206
111-91-1	bis(2-Chloroethoxy)methane	130	U	1	30.8	130	170	ug/Kg	11/03/25 15:16	PB170206
120-83-2	2,4-Dichlorophenol	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
91-20-3	Naphthalene	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
106-47-8	4-Chloroaniline	130	U	1	35.4	130	170	ug/Kg	11/03/25 15:16	PB170206
87-68-3	Hexachlorobutadiene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
105-60-2	Caprolactam	270	U	1	52.1	270	330	ug/Kg	11/03/25 15:16	PB170206
59-50-7	4-Chloro-3-methylphenol	130	U	1	28.7	130	170	ug/Kg	11/03/25 15:16	PB170206
91-57-6	2-Methylnaphthalene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
77-47-4	Hexachlorocyclopentadiene	270	U	1	120	270	330	ug/Kg	11/03/25 15:16	PB170206
88-06-2	2,4,6-Trichlorophenol	130	U	1	19.8	130	170	ug/Kg	11/03/25 15:16	PB170206
95-95-4	2,4,5-Trichlorophenol	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
92-52-4	1,1-Biphenyl	130	U	1	21.8	130	170	ug/Kg	11/03/25 15:16	PB170206
91-58-7	2-Chloronaphthalene	130	U	1	22.5	130	170	ug/Kg	11/03/25 15:16	PB170206
88-74-4	2-Nitroaniline	130	U	1	48.1	130	170	ug/Kg	11/03/25 15:16	PB170206
131-11-3	Dimethylphthalate	130	U	1	27.1	130	170	ug/Kg	11/03/25 15:16	PB170206
208-96-8	Acenaphthylene	130	U	1	28.9	130	170	ug/Kg	11/03/25 15:16	PB170206
606-20-2	2,6-Dinitrotoluene	130	U	1	33.6	130	170	ug/Kg	11/03/25 15:16	PB170206
99-09-2	3-Nitroaniline	130	U	1	46.0	130	170	ug/Kg	11/03/25 15:16	PB170206
83-32-9	Acenaphthene	130	U	1	21.3	130	170	ug/Kg	11/03/25 15:16	PB170206
51-28-5	2,4-Dinitrophenol	270	U	1	230	270	330	ug/Kg	11/03/25 15:16	PB170206
100-02-7	4-Nitrophenol	270	U	1	110	270	330	ug/Kg	11/03/25 15:16	PB170206
132-64-9	Dibenzofuran	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
121-14-2	2,4-Dinitrotoluene	130	U	1	50.1	130	170	ug/Kg	11/03/25 15:16	PB170206
84-66-2	Diethylphthalate	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
7005-72-3	4-Chlorophenyl-phenylether	130	U	1	26.7	130	170	ug/Kg	11/03/25 15:16	PB170206
86-73-7	Fluorene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
100-01-6	4-Nitroaniline	130	U	1	64.2	130	170	ug/Kg	11/03/25 15:16	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	270	U	1	100	270	330	ug/Kg	11/03/25 15:16	PB170206

Raw Data: **BG064673.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			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:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	130	U	1	32.9	130	170	ug/Kg	11/03/25 15:16	PB170206
101-55-3	4-Bromophenyl-phenylether	130	U	1	27.8	130	170	ug/Kg	11/03/25 15:16	PB170206
118-74-1	Hexachlorobenzene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
1912-24-9	Atrazine	130	U	1	34.0	130	170	ug/Kg	11/03/25 15:16	PB170206
87-86-5	Pentachlorophenol	270	U	1	51.3	270	330	ug/Kg	11/03/25 15:16	PB170206
85-01-8	Phenanthrene	130	U	1	20.9	130	170	ug/Kg	11/03/25 15:16	PB170206
120-12-7	Anthracene	130	U	1	33.3	130	170	ug/Kg	11/03/25 15:16	PB170206
86-74-8	Carbazole	130	U	1	31.2	130	170	ug/Kg	11/03/25 15:16	PB170206
84-74-2	Di-n-butylphthalate	130	U	1	47.9	130	170	ug/Kg	11/03/25 15:16	PB170206
206-44-0	Fluoranthene	130	U	1	30.0	130	170	ug/Kg	11/03/25 15:16	PB170206
129-00-0	Pyrene	130	U	1	36.0	130	170	ug/Kg	11/03/25 15:16	PB170206
85-68-7	Butylbenzylphthalate	130	U	1	71.4	130	170	ug/Kg	11/03/25 15:16	PB170206
91-94-1	3,3-Dichlorobenzidine	270	U	1	36.7	270	330	ug/Kg	11/03/25 15:16	PB170206
56-55-3	Benzo(a)anthracene	130	U	1	23.0	130	170	ug/Kg	11/03/25 15:16	PB170206
218-01-9	Chrysene	130	U	1	19.9	130	170	ug/Kg	11/03/25 15:16	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	1	59.2	130	170	ug/Kg	11/03/25 15:16	PB170206
117-84-0	Di-n-octyl phthalate	270	U	1	86.8	270	330	ug/Kg	11/03/25 15:16	PB170206
205-99-2	Benzo(b)fluoranthene	130	U	1	19.0	130	170	ug/Kg	11/03/25 15:16	PB170206
207-08-9	Benzo(k)fluoranthene	130	U	1	22.4	130	170	ug/Kg	11/03/25 15:16	PB170206
50-32-8	Benzo(a)pyrene	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
53-70-3	Dibenzo(a,h)anthracene	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
191-24-2	Benzo(g,h,i)perylene	130	U	1	25.7	130	170	ug/Kg	11/03/25 15:16	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
123-91-1	1,4-Dioxane	130	U	1	45.2	130	170	ug/Kg	11/03/25 15:16	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	139			35 - 115		93%	SPK: 150		
13127-88-3	Phenol-d6	127			34 - 127		85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	110			37 - 122		110%	SPK: 100		
321-60-8	2-Fluorobiphenyl	93.6			44 - 115		94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			39 - 132		106%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			54 - 127		97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	33300								
1146-65-2	Naphthalene-d8	120000								
15067-26-2	Acenaphthene-d10	97900								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	321000								
1520-96-3	Perylene-d12	342000								

Raw Data: **BG064673.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			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:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	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: **BG064674.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	980		1	160	270	330	ug/Kg	11/03/25 15:57	PB170206
108-95-2	Phenol	1400		1	22.1	130	170	ug/Kg	11/03/25 15:57	PB170206
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	130	170	ug/Kg	11/03/25 15:57	PB170206
95-57-8	2-Chlorophenol	1500		1	24.4	130	170	ug/Kg	11/03/25 15:57	PB170206
95-48-7	2-Methylphenol	1500		1	29.9	130	170	ug/Kg	11/03/25 15:57	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	130	170	ug/Kg	11/03/25 15:57	PB170206
98-86-2	Acetophenone	1500		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
65794-96-9	3+4-Methylphenols	1400		1	41.1	270	330	ug/Kg	11/03/25 15:57	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	79.9	ug/Kg	11/03/25 15:57	PB170206
67-72-1	Hexachloroethane	1400		1	17.6	130	170	ug/Kg	11/03/25 15:57	PB170206
98-95-3	Nitrobenzene	1500		1	18.3	130	170	ug/Kg	11/03/25 15:57	PB170206
78-59-1	Isophorone	1300		1	32.8	130	170	ug/Kg	11/03/25 15:57	PB170206
88-75-5	2-Nitrophenol	1700		1	58.1	130	170	ug/Kg	11/03/25 15:57	PB170206
105-67-9	2,4-Dimethylphenol	1600		1	64.7	130	170	ug/Kg	11/03/25 15:57	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	130	170	ug/Kg	11/03/25 15:57	PB170206
120-83-2	2,4-Dichlorophenol	1600		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-20-3	Naphthalene	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
106-47-8	4-Chloroaniline	700		1	35.4	130	170	ug/Kg	11/03/25 15:57	PB170206
87-68-3	Hexachlorobutadiene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
105-60-2	Caprolactam	1400		1	52.0	270	330	ug/Kg	11/03/25 15:57	PB170206
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	130	170	ug/Kg	11/03/25 15:57	PB170206
91-57-6	2-Methylnaphthalene	1300		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	270	330	ug/Kg	11/03/25 15:57	PB170206
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	130	170	ug/Kg	11/03/25 15:57	PB170206
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
92-52-4	1,1-Biphenyl	1600		1	21.8	130	170	ug/Kg	11/03/25 15:57	PB170206
91-58-7	2-Chloronaphthalene	1400		1	22.5	130	170	ug/Kg	11/03/25 15:57	PB170206
88-74-4	2-Nitroaniline	1500		1	48.1	130	170	ug/Kg	11/03/25 15:57	PB170206
131-11-3	Dimethylphthalate	1500		1	27.1	130	170	ug/Kg	11/03/25 15:57	PB170206
208-96-8	Acenaphthylene	1700		1	28.9	130	170	ug/Kg	11/03/25 15:57	PB170206
606-20-2	2,6-Dinitrotoluene	1800		1	33.6	130	170	ug/Kg	11/03/25 15:57	PB170206
99-09-2	3-Nitroaniline	1200		1	46.0	130	170	ug/Kg	11/03/25 15:57	PB170206
83-32-9	Acenaphthene	1600		1	21.3	130	170	ug/Kg	11/03/25 15:57	PB170206
51-28-5	2,4-Dinitrophenol	3700	E	1	230	270	330	ug/Kg	11/03/25 15:57	PB170206
100-02-7	4-Nitrophenol	3100	E	1	110	270	330	ug/Kg	11/03/25 15:57	PB170206
132-64-9	Dibenzofuran	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	130	170	ug/Kg	11/03/25 15:57	PB170206
84-66-2	Diethylphthalate	1500		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	130	170	ug/Kg	11/03/25 15:57	PB170206
86-73-7	Fluorene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
100-01-6	4-Nitroaniline	1700		1	64.1	130	170	ug/Kg	11/03/25 15:57	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	1900		1	100	270	330	ug/Kg	11/03/25 15:57	PB170206

Raw Data: **BG064674.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BS			SDG No.:	Q3399
Lab Sample ID:	PB170206BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	130	170	ug/Kg	11/03/25 15:57	PB170206
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	130	170	ug/Kg	11/03/25 15:57	PB170206
118-74-1	Hexachlorobenzene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
1912-24-9	Atrazine	1600		1	34.0	130	170	ug/Kg	11/03/25 15:57	PB170206
87-86-5	Pentachlorophenol	3300	E	1	51.2	270	330	ug/Kg	11/03/25 15:57	PB170206
85-01-8	Phenanthrene	1500		1	20.9	130	170	ug/Kg	11/03/25 15:57	PB170206
120-12-7	Anthracene	1500		1	33.3	130	170	ug/Kg	11/03/25 15:57	PB170206
86-74-8	Carbazole	1500		1	31.2	130	170	ug/Kg	11/03/25 15:57	PB170206
84-74-2	Di-n-butylphthalate	1500		1	47.9	130	170	ug/Kg	11/03/25 15:57	PB170206
206-44-0	Fluoranthene	1500		1	30.0	130	170	ug/Kg	11/03/25 15:57	PB170206
129-00-0	Pyrene	1400		1	36.0	130	170	ug/Kg	11/03/25 15:57	PB170206
85-68-7	Butylbenzylphthalate	1600		1	71.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	270	330	ug/Kg	11/03/25 15:57	PB170206
56-55-3	Benzo(a)anthracene	1500		1	23.0	130	170	ug/Kg	11/03/25 15:57	PB170206
218-01-9	Chrysene	1400		1	19.9	130	170	ug/Kg	11/03/25 15:57	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	130	170	ug/Kg	11/03/25 15:57	PB170206
117-84-0	Di-n-octyl phthalate	1600		1	86.7	270	330	ug/Kg	11/03/25 15:57	PB170206
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	130	170	ug/Kg	11/03/25 15:57	PB170206
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	130	170	ug/Kg	11/03/25 15:57	PB170206
50-32-8	Benzo(a)pyrene	1600		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	130	170	ug/Kg	11/03/25 15:57	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
123-91-1	1,4-Dioxane	1000		1	45.2	130	170	ug/Kg	11/03/25 15:57	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	122			35 - 115		82%	SPK: 150		
13127-88-3	Phenol-d6	123			34 - 127		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.4			37 - 122		92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	81.6			44 - 115		82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	147			39 - 132		98%	SPK: 150		
1718-51-0	Terphenyl-d14	86.2			54 - 127		86%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	31500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	249000								
1719-03-5	Chrysene-d12	291000								
1520-96-3	Perylene-d12	305000								

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BS			SDG No.:	Q3399
Lab Sample ID:	PB170206BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	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: **BG064683.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1100		1	170	300	370	ug/Kg	11/03/25 22:05	PB170206
108-95-2	Phenol	1700		1	24.5	140	190	ug/Kg	11/03/25 22:05	PB170206
111-44-4	bis(2-Chloroethyl)ether	1500		1	27.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-57-8	2-Chlorophenol	1900		1	27.1	140	190	ug/Kg	11/03/25 22:05	PB170206
95-48-7	2-Methylphenol	1800		1	33.2	140	190	ug/Kg	11/03/25 22:05	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:05	PB170206
98-86-2	Acetophenone	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:05	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:05	PB170206
67-72-1	Hexachloroethane	1800		1	19.5	140	190	ug/Kg	11/03/25 22:05	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	140	190	ug/Kg	11/03/25 22:05	PB170206
78-59-1	Isophorone	1600		1	36.4	140	190	ug/Kg	11/03/25 22:05	PB170206
88-75-5	2-Nitrophenol	2200		1	64.6	140	190	ug/Kg	11/03/25 22:05	PB170206
105-67-9	2,4-Dimethylphenol	1900		1	71.9	140	190	ug/Kg	11/03/25 22:05	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1600		1	34.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-83-2	2,4-Dichlorophenol	2000		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
91-20-3	Naphthalene	1700		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
106-47-8	4-Chloroaniline	870		1	39.3	140	190	ug/Kg	11/03/25 22:05	PB170206
87-68-3	Hexachlorobutadiene	1900		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
105-60-2	Caprolactam	1500		1	57.8	300	370	ug/Kg	11/03/25 22:05	PB170206
59-50-7	4-Chloro-3-methylphenol	1900		1	31.8	140	190	ug/Kg	11/03/25 22:05	PB170206
91-57-6	2-Methylnaphthalene	1600		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
77-47-4	Hexachlorocyclopentadiene	5500	E	1	130	300	370	ug/Kg	11/03/25 22:05	PB170206
88-06-2	2,4,6-Trichlorophenol	2000		1	22.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
92-52-4	1,1-Biphenyl	1900		1	24.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-58-7	2-Chloronaphthalene	1700		1	25.0	140	190	ug/Kg	11/03/25 22:05	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	140	190	ug/Kg	11/03/25 22:05	PB170206
131-11-3	Dimethylphthalate	1700		1	30.1	140	190	ug/Kg	11/03/25 22:05	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:05	PB170206
606-20-2	2,6-Dinitrotoluene	2100		1	37.3	140	190	ug/Kg	11/03/25 22:05	PB170206
99-09-2	3-Nitroaniline	1600		1	51.0	140	190	ug/Kg	11/03/25 22:05	PB170206
83-32-9	Acenaphthene	1900		1	23.6	140	190	ug/Kg	11/03/25 22:05	PB170206
51-28-5	2,4-Dinitrophenol	4100	E	1	250	300	370	ug/Kg	11/03/25 22:05	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:05	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-66-2	Diethylphthalate	1700		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:05	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
100-01-6	4-Nitroaniline	2000		1	71.2	140	190	ug/Kg	11/03/25 22:05	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2300		1	110	300	370	ug/Kg	11/03/25 22:05	PB170206

Raw Data: **BG064683.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	36.5	140	190	ug/Kg	11/03/25 22:05	PB170206
101-55-3	4-Bromophenyl-phenylether	1900		1	30.8	140	190	ug/Kg	11/03/25 22:05	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:05	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:05	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-12-7	Anthracene	1800		1	36.9	140	190	ug/Kg	11/03/25 22:05	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.1	140	190	ug/Kg	11/03/25 22:05	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:05	PB170206
129-00-0	Pyrene	1700		1	39.9	140	190	ug/Kg	11/03/25 22:05	PB170206
85-68-7	Butylbenzylphthalate	1900		1	79.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-94-1	3,3-Dichlorobenzidine	1300		1	40.7	300	370	ug/Kg	11/03/25 22:05	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:05	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:05	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	65.7	140	190	ug/Kg	11/03/25 22:05	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.3	300	370	ug/Kg	11/03/25 22:05	PB170206
205-99-2	Benzo(b)fluoranthene	1800		1	21.1	140	190	ug/Kg	11/03/25 22:05	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	140	190	ug/Kg	11/03/25 22:05	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1800		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
53-70-3	Dibenzo(a,h)anthracene	1800		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:05	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
123-91-1	1,4-Dioxane	1200		1	50.1	140	190	ug/Kg	11/03/25 22:05	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	88.7			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.3			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.7			37 - 122		69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.5			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			39 - 132		79%	SPK: 150		
1718-51-0	Terphenyl-d14	59.9			54 - 127		60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	97700								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	279000								
1520-96-3	Perylene-d12	307000								

Raw Data: **BG064683.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	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: **BG064684.D**

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1200		1	170	300	370	ug/Kg	11/03/25 22:46	PB170206
108-95-2	Phenol	1800		1	24.5	140	190	ug/Kg	11/03/25 22:46	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-57-8	2-Chlorophenol	2000		1	27.1	140	190	ug/Kg	11/03/25 22:46	PB170206
95-48-7	2-Methylphenol	1900		1	33.2	140	190	ug/Kg	11/03/25 22:46	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:46	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:46	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:46	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	11/03/25 22:46	PB170206
98-95-3	Nitrobenzene	2000		1	20.3	140	190	ug/Kg	11/03/25 22:46	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	11/03/25 22:46	PB170206
88-75-5	2-Nitrophenol	2400		1	64.6	140	190	ug/Kg	11/03/25 22:46	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	11/03/25 22:46	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-83-2	2,4-Dichlorophenol	2100		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
106-47-8	4-Chloroaniline	930		1	39.3	140	190	ug/Kg	11/03/25 22:46	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	11/03/25 22:46	PB170206
59-50-7	4-Chloro-3-methylphenol	2000		1	31.9	140	190	ug/Kg	11/03/25 22:46	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
77-47-4	Hexachlorocyclopentadiene	5600	E	1	130	300	370	ug/Kg	11/03/25 22:46	PB170206
88-06-2	2,4,6-Trichlorophenol	2100		1	22.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	140	190	ug/Kg	11/03/25 22:46	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	140	190	ug/Kg	11/03/25 22:46	PB170206
88-74-4	2-Nitroaniline	2000		1	53.4	140	190	ug/Kg	11/03/25 22:46	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	140	190	ug/Kg	11/03/25 22:46	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:46	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	11/03/25 22:46	PB170206
99-09-2	3-Nitroaniline	1600		1	51.1	140	190	ug/Kg	11/03/25 22:46	PB170206
83-32-9	Acenaphthene	2000		1	23.6	140	190	ug/Kg	11/03/25 22:46	PB170206
51-28-5	2,4-Dinitrophenol	4000	E	1	250	300	370	ug/Kg	11/03/25 22:46	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:46	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:46	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
100-01-6	4-Nitroaniline	2000		1	71.3	140	190	ug/Kg	11/03/25 22:46	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2400		1	110	300	370	ug/Kg	11/03/25 22:46	PB170206

Raw Data: **BG064684.D**

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

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	11/03/25 22:46	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	11/03/25 22:46	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:46	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:46	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-12-7	Anthracene	1800		1	37.0	140	190	ug/Kg	11/03/25 22:46	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.2	140	190	ug/Kg	11/03/25 22:46	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:46	PB170206
129-00-0	Pyrene	1700		1	40.0	140	190	ug/Kg	11/03/25 22:46	PB170206
85-68-7	Butylbenzylphthalate	2000		1	79.3	140	190	ug/Kg	11/03/25 22:46	PB170206
91-94-1	3,3-Dichlorobenzidine	1400		1	40.7	300	370	ug/Kg	11/03/25 22:46	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:46	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:46	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	65.7	140	190	ug/Kg	11/03/25 22:46	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.4	300	370	ug/Kg	11/03/25 22:46	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	11/03/25 22:46	PB170206
207-08-9	Benzo(k)fluoranthene	1900		1	24.9	140	190	ug/Kg	11/03/25 22:46	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:46	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
123-91-1	1,4-Dioxane	1200		1	50.2	140	190	ug/Kg	11/03/25 22:46	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2200		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	91.1			35 - 115		61%	SPK: 150		
13127-88-3	Phenol-d6	98.9			34 - 127		66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.1			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.0			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			39 - 132		81%	SPK: 150		
1718-51-0	Terphenyl-d14	60.6			54 - 127		61%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29900								
1146-65-2	Naphthalene-d8	119000								
15067-26-2	Acenaphthene-d10	97600								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	275000								
1520-96-3	Perylene-d12	303000								

Raw Data: **BG064684.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	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

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Benzaldehyde			0.942	0.994	0.940	0.981	0.893	14.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
Phenol		1.665	1.820	1.748	1.944	2.027	1.808	7.4
bis(2-Chloroethyl)ether		1.307	1.409	1.292	1.383	1.443	1.329	6.5
2-Chlorophenol		1.051	1.207	1.197	1.373	1.461	1.247	10.6
2-Methylphenol		1.103	1.225	1.178	1.273	1.345	1.201	7.2
2,2-oxybis(1-Chloropropane)		3.421	3.604	3.396	3.733	3.802	3.487	6.7
Acetophenone		0.535	0.565	0.528	0.584	0.590	0.547	6.0
3+4-Methylphenols			1.652	1.581	1.818	1.895	1.688	8.0
n-Nitroso-di-n-propylamine	1.044	1.038	1.141	1.129	1.227	1.289	1.130	7.9
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
Hexachloroethane		0.468	0.535	0.505	0.541	0.557	0.512	6.4
Nitrobenzene		0.274	0.312	0.344	0.410	0.438	0.362	15.6
Isophorone		0.751	0.796	0.771	0.869	0.891	0.799	7.2
2-Nitrophenol		0.076	0.095	0.110	0.137	0.152	0.121	23.2
2,4-Dimethylphenol		0.236	0.294	0.285	0.335	0.343	0.297	11.9
bis(2-Chloroethoxy)methane		0.452	0.464	0.443	0.490	0.493	0.455	6.5
2,4-Dichlorophenol		0.243	0.299	0.315	0.360	0.373	0.320	13.3
Naphthalene		1.083	1.144	1.084	1.177	1.201	1.109	6.0
4-Chloroaniline		0.390	0.456	0.411	0.459	0.486	0.431	8.3
Hexachlorobutadiene		0.266	0.291	0.282	0.299	0.306	0.284	5.3
Caprolactam			0.112	0.114	0.134	0.142	0.123	9.9
4-Chloro-3-methylphenol		0.323	0.381	0.361	0.426	0.454	0.384	11.2
2-Methylnaphthalene		0.764	0.858	0.797	0.865	0.888	0.814	6.7
Hexachlorocyclopentadiene			0.268	0.279	0.324	0.340	0.302	9.0
2,4,6-Trichlorophenol		0.294	0.333	0.375	0.423	0.456	0.384	14.4
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
2,4,5-Trichlorophenol		0.339	0.425	0.439	0.484	0.517	0.443	12.5
1,1-Biphenyl		1.456	1.450	1.401	1.489	1.498	1.422	5.0
2-Chloronaphthalene		1.065	1.082	1.053	1.132	1.145	1.073	4.7
2-Nitroaniline		0.201	0.234	0.277	0.348	0.404	0.311	24.1
Dimethylphthalate		1.389	1.570	1.488	1.641	1.699	1.530	7.2
Acenaphthylene		1.667	1.726	1.647	1.786	1.827	1.693	5.3

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,6-Dinitrotoluene		0.127	0.180	0.193	0.247	0.283	0.218	24.7
3-Nitroaniline		0.180	0.211	0.252	0.294	0.325	0.263	19.7
Acenaphthene		1.126	1.178	1.115	1.223	1.261	1.157	5.6
2,4-Dinitrophenol			0.086	0.110	0.137	0.165	0.132	22.1
4-Nitrophenol			0.191	0.213	0.261	0.283	0.244	14.4
Dibenzofuran		1.881	1.972	1.826	1.963	1.988	1.870	6.0
2,4-Dinitrotoluene		0.223	0.269	0.300	0.385	0.434	0.340	22.7
Diethylphthalate		1.417	1.645	1.514	1.657	1.718	1.563	7.1
4-Chlorophenyl-phenylether		0.800	0.864	0.792	0.866	0.888	0.820	6.4
Fluorene		1.471	1.559	1.426	1.531	1.549	1.460	6.4
4-Nitroaniline		0.194	0.252	0.286	0.327	0.355	0.293	18.6
4,6-Dinitro-2-methylphenol			0.055	0.064	0.083	0.097	0.079	21.0
n-Nitrosodiphenylamine		0.510	0.551	0.525	0.583	0.594	0.540	6.8
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
4-Bromophenyl-phenylether		0.218	0.236	0.230	0.258	0.264	0.237	7.3
Hexachlorobenzene		0.254	0.266	0.262	0.292	0.302	0.270	7.0
Atrazine		0.215	0.227	0.249	0.245	0.261	0.232	8.3
Pentachlorophenol			0.132	0.152	0.180	0.199	0.169	13.9
Phenanthrene		1.084	1.133	1.073	1.162	1.179	1.094	6.2
Anthracene		1.087	1.144	1.101	1.187	1.204	1.113	6.2
Carbazole		0.982	1.037	0.982	1.031	1.028	0.981	5.9
Di-n-butylphthalate		1.011	1.156	1.179	1.240	1.198	1.135	7.1
Fluoranthene		1.385	1.463	1.380	1.440	1.403	1.370	5.9
Pyrene		1.287	1.331	1.284	1.411	1.406	1.307	6.2
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2
Butylbenzylphthalate		0.284	0.359	0.388	0.450	0.467	0.395	15.4
3,3-Dichlorobenzidine			0.418	0.428	0.477	0.486	0.443	6.9
Benzo(a)anthracene		1.294	1.355	1.292	1.416	1.430	1.326	5.7
Chrysene		1.249	1.291	1.229	1.344	1.359	1.262	5.8
Bis(2-ethylhexyl)phthalate		0.484	0.555	0.581	0.671	0.667	0.590	11.0
Di-n-octyl phthalate			0.871	0.932	1.087	1.117	0.995	9.3
Benzo(b)fluoranthene		1.138	1.246	1.169	1.322	1.353	1.226	6.8
Benzo(k)fluoranthene		1.175	1.260	1.206	1.285	1.364	1.227	6.5
Benzo(a)pyrene		1.061	1.144	1.093	1.202	1.246	1.127	6.4
Indeno(1,2,3-cd)pyrene		1.383	1.491	1.410	1.568	1.642	1.471	6.8

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Dibenzo(a,h)anthracene		1.120	1.223	1.158	1.268	1.324	1.195	6.5
Benzo(g,h,i)perylene		1.080	1.162	1.089	1.213	1.280	1.142	6.9
1,2,4,5-Tetrachlorobenzene		0.657	0.684	0.648	0.702	0.717	0.671	4.6
1,4-Dioxane		0.570	0.581	0.524	0.525	0.559	0.528	8.8
2,3,4,6-Tetrachlorophenol		0.312	0.385	0.402	0.466	0.508	0.424	15.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.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	1.179		-1.1	
Benzaldehyde	0.893	0.823		-7.8	
Phenol-d6	1.635	1.619		-1.0	
Phenol	1.808	1.736		-4.0	20.0
bis(2-Chloroethyl)ether	1.329	1.260		-5.2	
2-Chlorophenol	1.247	1.336		7.1	
2-Methylphenol	1.201	1.202		0.1	
2,2-oxybis(1-Chloropropane)	3.487	3.429		-1.7	
Acetophenone	0.547	0.551		0.7	
3+4-Methylphenols	1.688	1.601		-5.2	
n-Nitroso-di-n-propylamine	1.130	1.137	0.050	0.6	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Isophorone	0.799	0.796		-0.4	
2-Nitrophenol	0.121	0.170		40.5	20.0
2,4-Dimethylphenol	0.297	0.307		3.4	
bis(2-Chloroethoxy)methane	0.455	0.446		-2.0	
2,4-Dichlorophenol	0.320	0.345		7.8	20.0
Naphthalene	1.109	1.156		4.2	
4-Chloroaniline	0.431	0.428		-0.7	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
Caprolactam	0.123	0.112		-8.9	
4-Chloro-3-methylphenol	0.384	0.406		5.7	20.0
2-Methylnaphthalene	0.814	0.866		6.4	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.477		3.9	
2-Chloronaphthalene	1.073	1.143		6.5	
2-Nitroaniline	0.311	0.391		25.7	
Dimethylphthalate	1.530	1.584		3.5	
Acenaphthylene	1.693	1.776		4.9	
2,6-Dinitrotoluene	0.218	0.279		28.0	
3-Nitroaniline	0.263	0.317		20.5	
Acenaphthene	1.157	1.235		6.7	20.0
2,4-Dinitrophenol	0.132	0.171	0.050	29.5	
4-Nitrophenol	0.244	0.243	0.050	-0.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.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	1.929		3.2	
2,4-Dinitrotoluene	0.340	0.451		32.6	
Diethylphthalate	1.563	1.594		2.0	
4-Chlorophenyl-phenylether	0.820	0.875		6.7	
Fluorene	1.460	1.503		2.9	
4-Nitroaniline	0.293	0.341		16.4	
4,6-Dinitro-2-methylphenol	0.079	0.112		41.8	
n-Nitrosodiphenylamine	0.540	0.566		4.8	20.0
2,4,6-Tribromophenol	0.289	0.342		18.3	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.299		10.7	
Atrazine	0.232	0.242		4.3	
Pentachlorophenol	0.169	0.195		15.4	20.0
Phenanthrene	1.094	1.153		5.4	
Anthracene	1.113	1.163		4.5	
Carbazole	0.981	1.031		5.1	
Di-n-butylphthalate	1.135	1.221		7.6	
Fluoranthene	1.370	1.482		8.2	20.0
Pyrene	1.307	1.325		1.4	
Terphenyl-d14	1.060	1.116		5.3	
Butylbenzylphthalate	0.395	0.457		15.7	
3,3-Dichlorobenzidine	0.443	0.488		10.2	
Benzo(a)anthracene	1.326	1.414		6.6	
Chrysene	1.262	1.320		4.6	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.119		12.5	20.0
Benzo(b)fluoranthene	1.226	1.306		6.5	
Benzo(k)fluoranthene	1.227	1.268		3.3	
Benzo(a)pyrene	1.127	1.180		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.544		5.0	
Dibenzo(a,h)anthracene	1.195	1.258		5.3	
Benzo(g,h,i)perylene	1.142	1.186		3.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.465		-11.9	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.498		17.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC 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	1.219		2.3	50.0
Benzaldehyde	0.893	0.893		0.0	50.0
Phenol-d6	1.635	1.692		3.5	50.0
Phenol	1.808	1.851		2.4	50.0
bis(2-Chloroethyl)ether	1.329	1.297		-2.4	50.0
2-Chlorophenol	1.247	1.371		9.9	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
2,2-oxybis(1-Chloropropane)	3.487	3.201		-8.2	50.0
Acetophenone	0.547	0.547		0.0	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
n-Nitroso-di-n-propylamine	1.130	1.089	0.050	-3.6	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Isophorone	0.799	0.784		-1.9	50.0
2-Nitrophenol	0.121	0.193		59.5	50.0
2,4-Dimethylphenol	0.297	0.313		5.4	50.0
bis(2-Chloroethoxy)methane	0.455	0.448		-1.5	50.0
2,4-Dichlorophenol	0.320	0.380		18.8	50.0
Naphthalene	1.109	1.162		4.8	50.0
4-Chloroaniline	0.431	0.443		2.8	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
Caprolactam	0.123	0.110		-10.6	50.0
4-Chloro-3-methylphenol	0.384	0.430		12.0	50.0
2-Methylnaphthalene	0.814	0.877		7.7	50.0
Hexachlorocyclopentadiene	0.302	0.384	0.050	27.2	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
1,1-Biphenyl	1.422	1.491		4.9	50.0
2-Chloronaphthalene	1.073	1.143		6.5	50.0
2-Nitroaniline	0.311	0.410		31.8	50.0
Dimethylphthalate	1.530	1.618		5.8	50.0
Acenaphthylene	1.693	1.806		6.7	50.0
2,6-Dinitrotoluene	0.218	0.317		45.4	50.0
3-Nitroaniline	0.263	0.343		30.4	50.0
Acenaphthene	1.157	1.250		8.0	50.0
2,4-Dinitrophenol	0.132	0.140	0.050	6.1	50.0
4-Nitrophenol	0.244	0.219	0.050	-10.2	50.0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC 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	1.992		6.5	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
Diethylphthalate	1.563	1.606		2.8	50.0
4-Chlorophenyl-phenylether	0.820	0.941		14.8	50.0
Fluorene	1.460	1.562		7.0	50.0
4-Nitroaniline	0.293	0.360		22.9	50.0
4,6-Dinitro-2-methylphenol	0.079	0.115		45.6	50.0
n-Nitrosodiphenylamine	0.540	0.558		3.3	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
4-Bromophenyl-phenylether	0.237	0.269		13.5	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Atrazine	0.232	0.240		3.4	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Phenanthrene	1.094	1.127		3.0	50.0
Anthracene	1.113	1.150		3.3	50.0
Carbazole	0.981	0.988		0.7	50.0
Di-n-butylphthalate	1.135	1.155		1.8	50.0
Fluoranthene	1.370	1.467		7.1	50.0
Pyrene	1.307	1.267		-3.1	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0
Butylbenzylphthalate	0.395	0.435		10.1	50.0
3,3-Dichlorobenzidine	0.443	0.479		8.1	50.0
Benzo(a)anthracene	1.326	1.382		4.2	50.0
Chrysene	1.262	1.316		4.3	50.0
Bis(2-ethylhexyl)phthalate	0.590	0.625		5.9	50.0
Di-n-octyl phthalate	0.995	1.082		8.7	50.0
Benzo(b)fluoranthene	1.226	1.263		3.0	50.0
Benzo(k)fluoranthene	1.227	1.262		2.9	50.0
Benzo(a)pyrene	1.127	1.168		3.6	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.514		2.9	50.0
Dibenzo(a,h)anthracene	1.195	1.241		3.8	50.0
Benzo(g,h,i)perylene	1.142	1.175		2.9	50.0
1,2,4,5-Tetrachlorobenzene	0.671	0.779		16.1	50.0
1,4-Dioxane	0.528	0.425		-19.5	50.0
2,3,4,6-Tetrachlorophenol	0.424	0.476		12.3	50.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

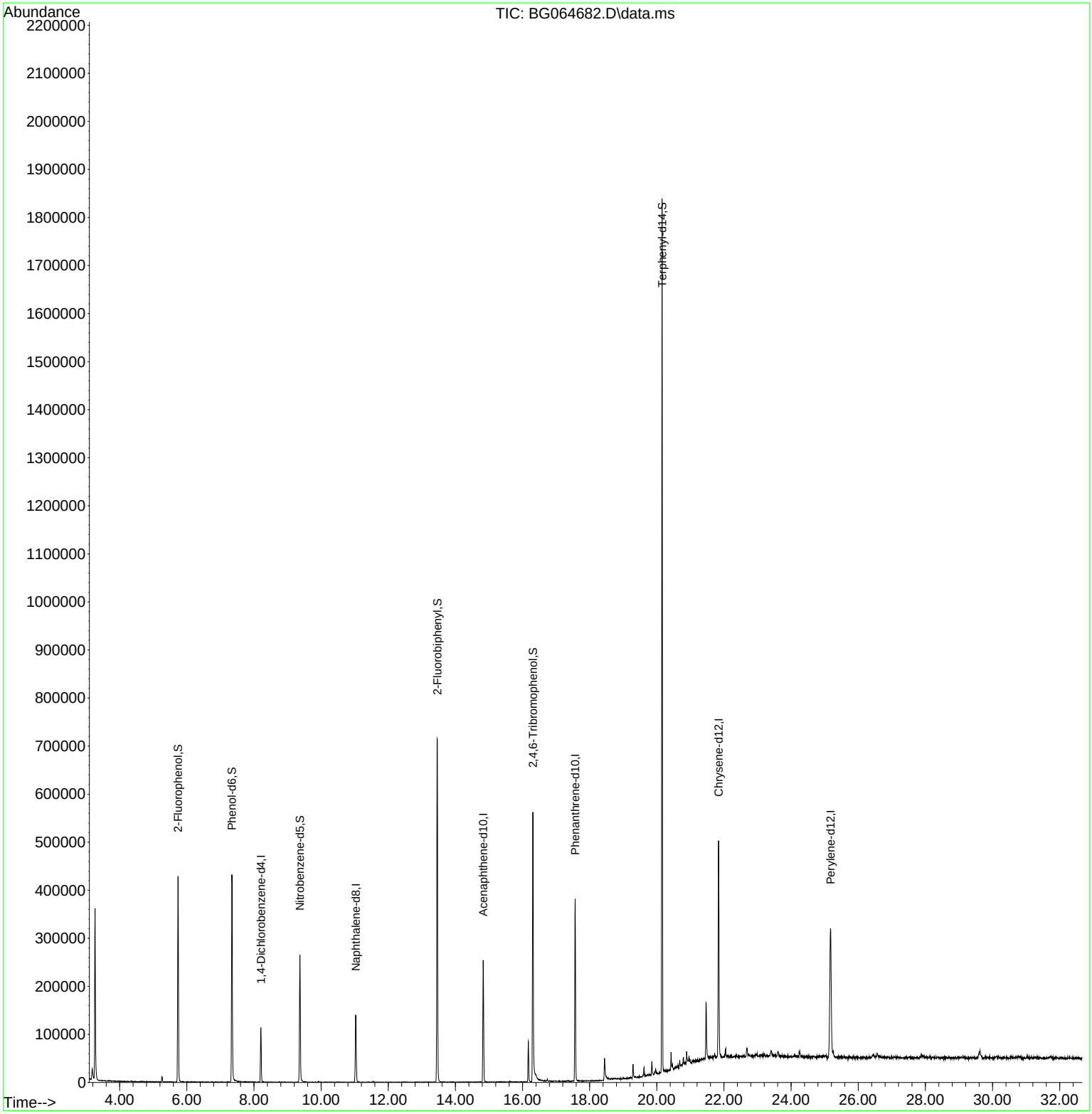
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	32053	20.000	ng	-0.01
21) Naphthalene-d8	11.035	136	122752	20.000	ng	-0.01
39) Acenaphthene-d10	14.831	164	95326	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	251613	20.000	ng	-0.01
76) Chrysene-d12	21.840	240	301190	20.000	ng	#-0.02
86) Perylene-d12	25.171	264	331540	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	170063	89.056	ng	0.00
7) Phenol-d6	7.345	99	239763	91.498	ng	0.00
23) Nitrobenzene-d5	9.372	82	151636	74.196	ng	-0.01
42) 2,4,6-Tribromophenol	16.311	330	142623	103.662	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	405682	64.506	ng	-0.01
79) Terphenyl-d14	20.160	244	985779	61.766	ng	-0.01
Target Compounds						Qvalue

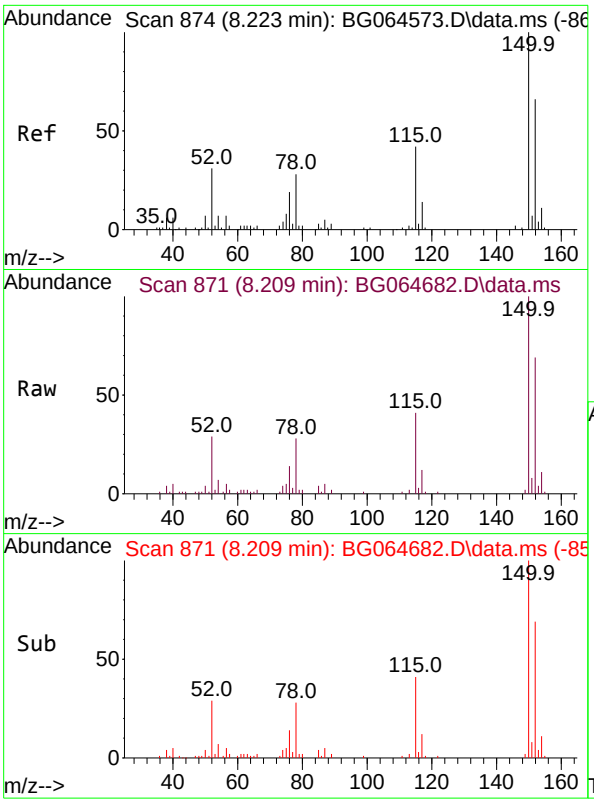
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



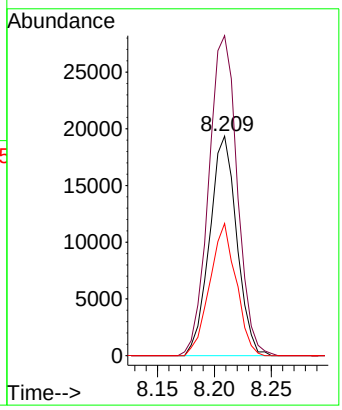


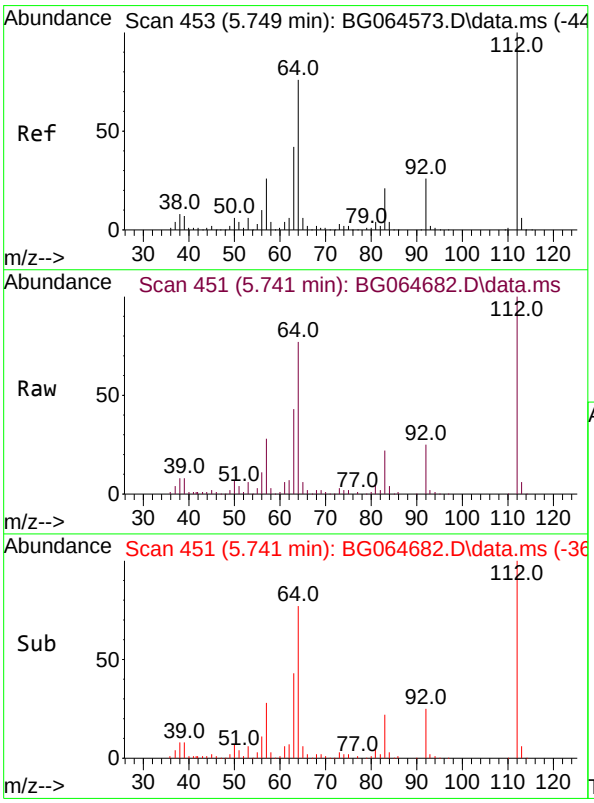
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:152 Resp: 32053

Ion	Ratio	Lower	Upper
152	100		
150	145.8	122.2	183.4
115	60.2	50.8	76.2

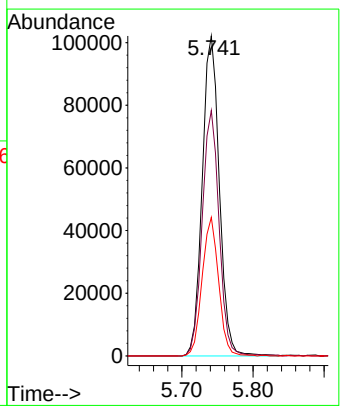


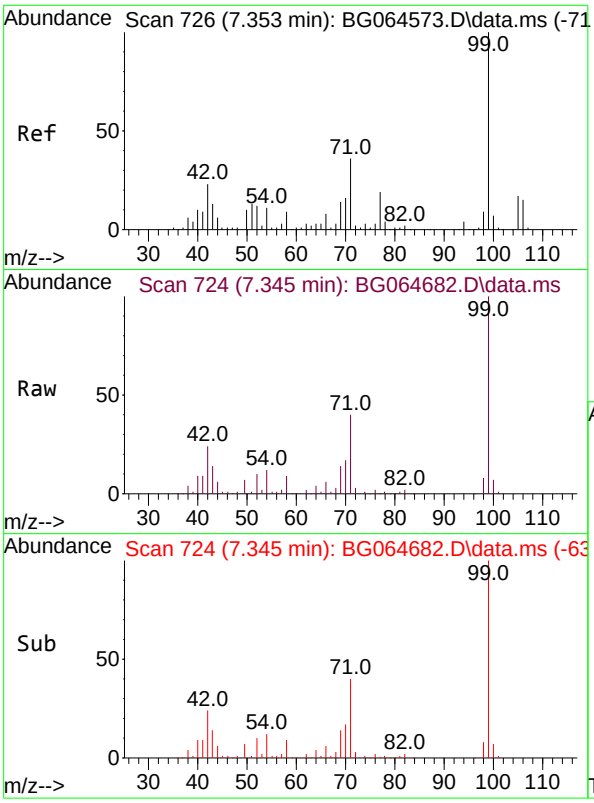


#5
2-Fluorophenol
Concen: 89.056 ng
RT: 5.741 min Scan# 451
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:112 Resp: 170063

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.7	91.1
63	43.3	33.4	50.0



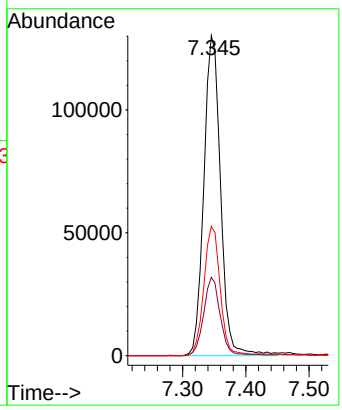


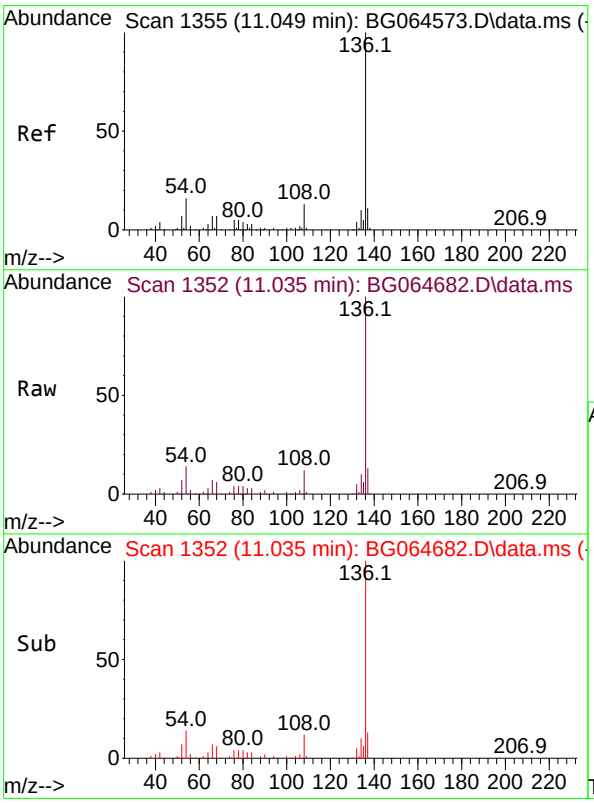
#7
Phenol-d6
Concen: 91.498 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 99 Resp: 239763

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	40.3	28.6	43.0

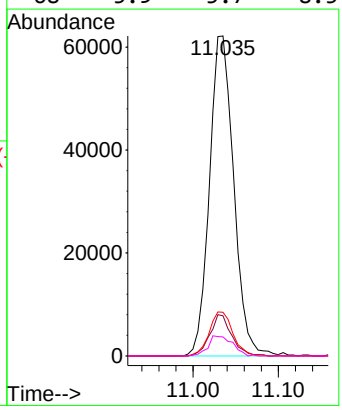


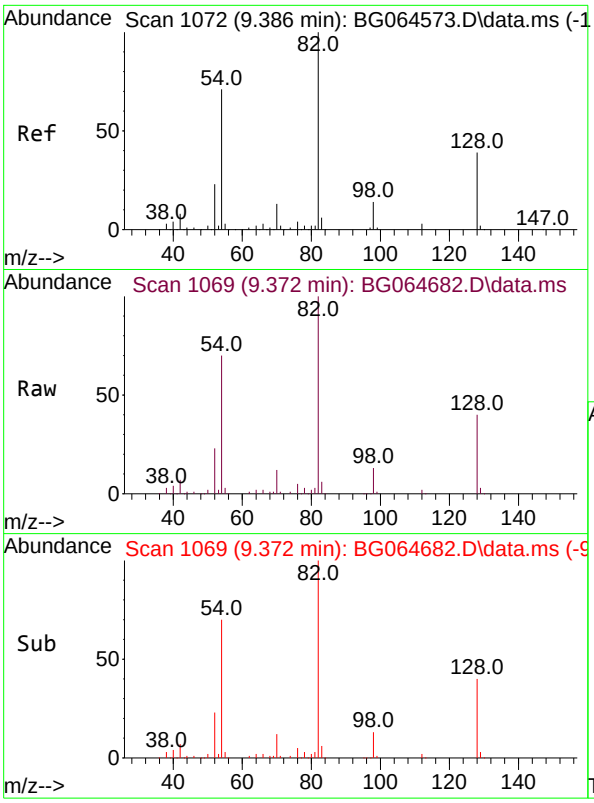


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1352
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:136 Resp: 122752

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	13.6	12.6	19.0
68	5.9	5.7	8.5



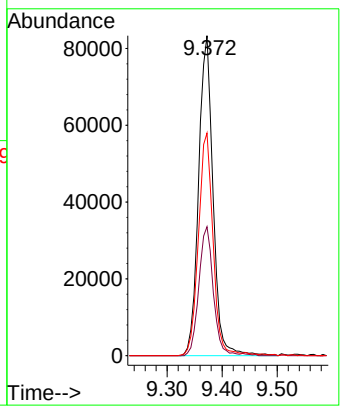


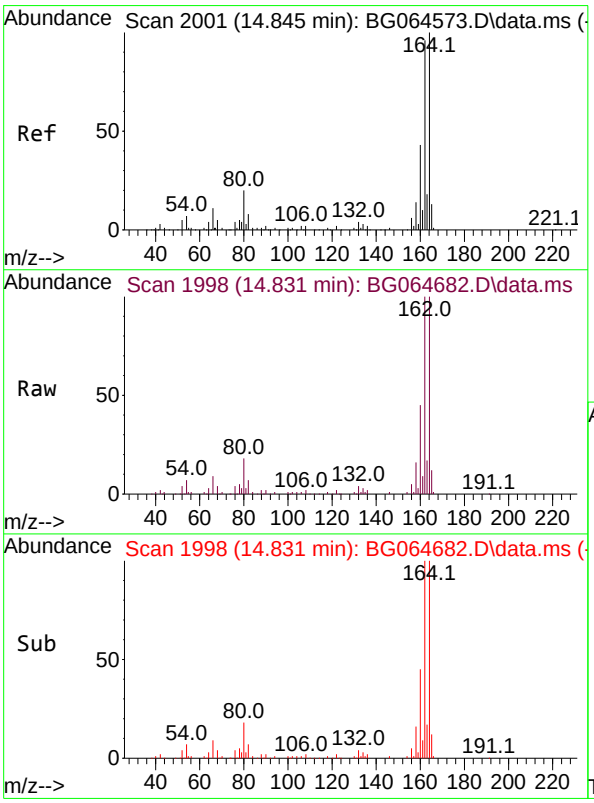
#23
Nitrobenzene-d5
Concen: 74.196 ng
RT: 9.372 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 82 Resp: 151636

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	69.5	56.6	84.8

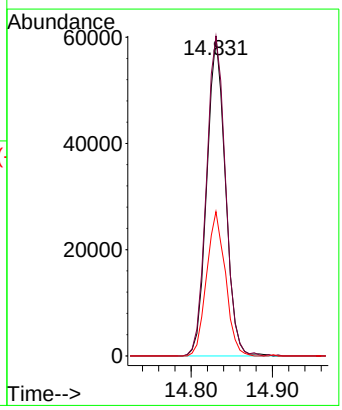


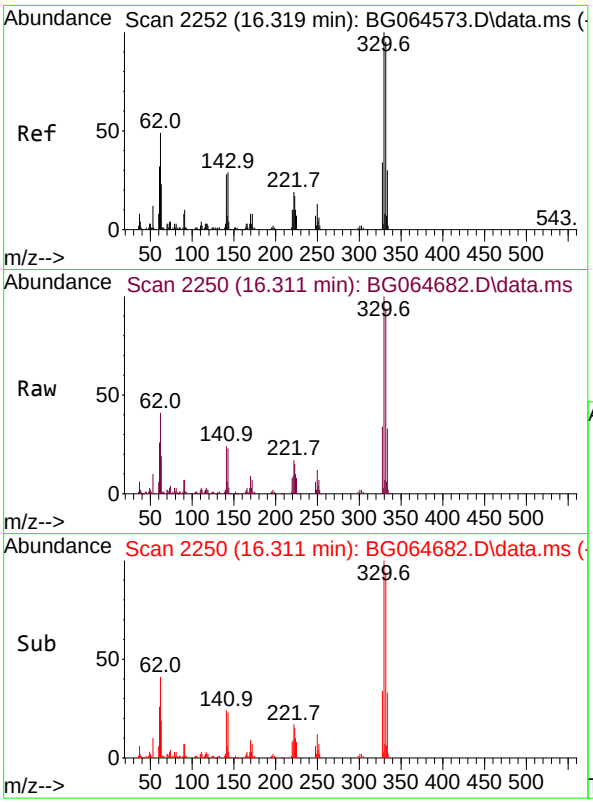


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.831 min Scan# 1998
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:164 Resp: 95326

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.0	115.6
160	45.1	34.4	51.6



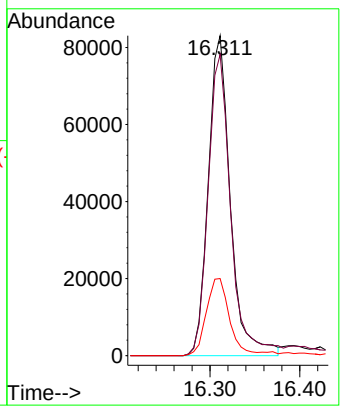


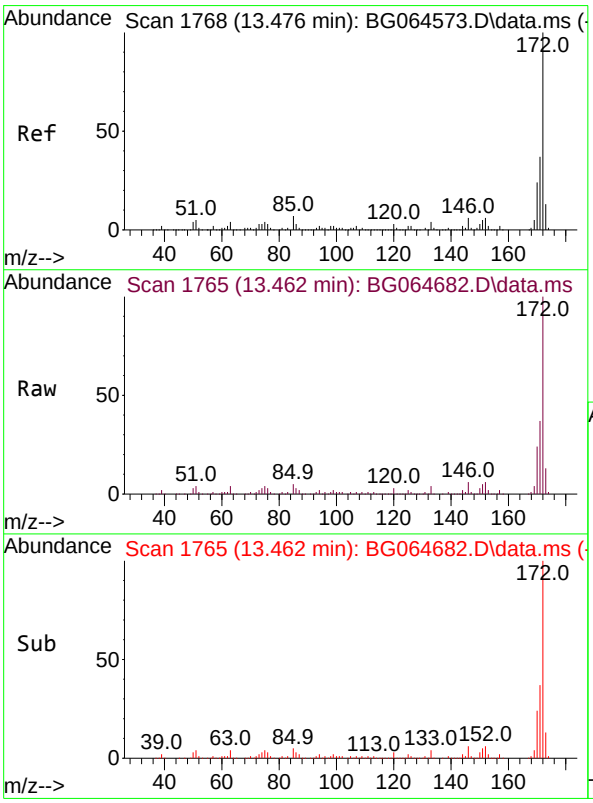
#42
2,4,6-Tribromophenol
Concen: 103.662 ng
RT: 16.311 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:330 Resp: 142623

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	25.0	21.8	32.6

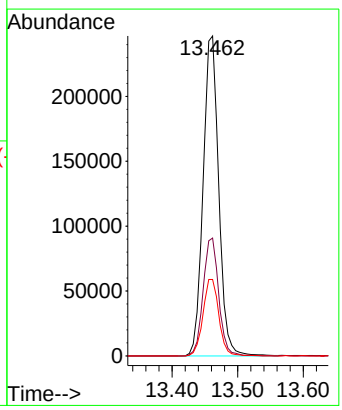


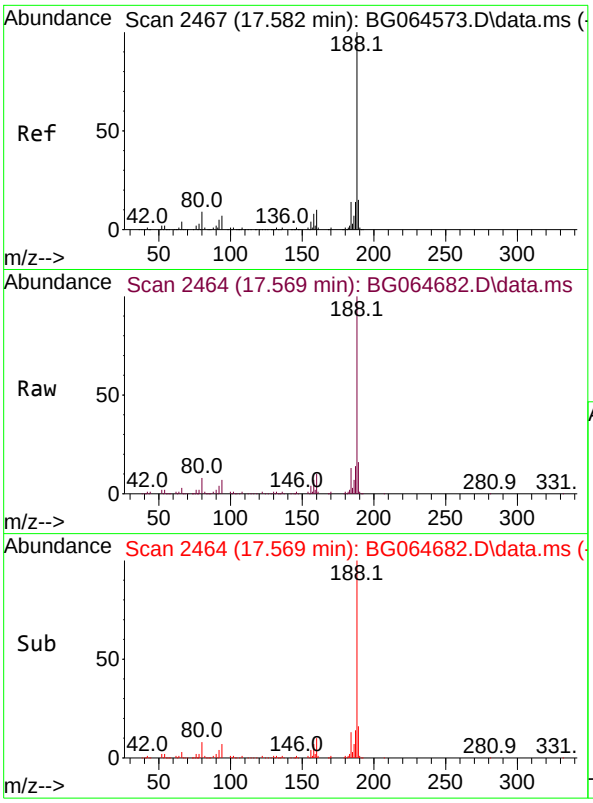


#45
2-Fluorobiphenyl
Concen: 64.506 ng
RT: 13.462 min Scan# 1765
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:172 Resp: 405682

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	23.9	19.1	28.7



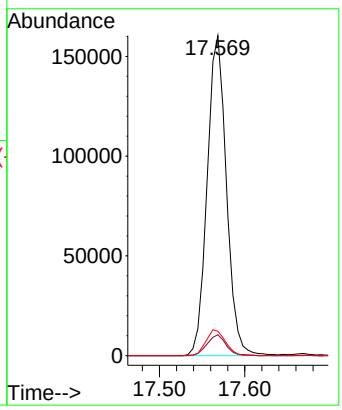


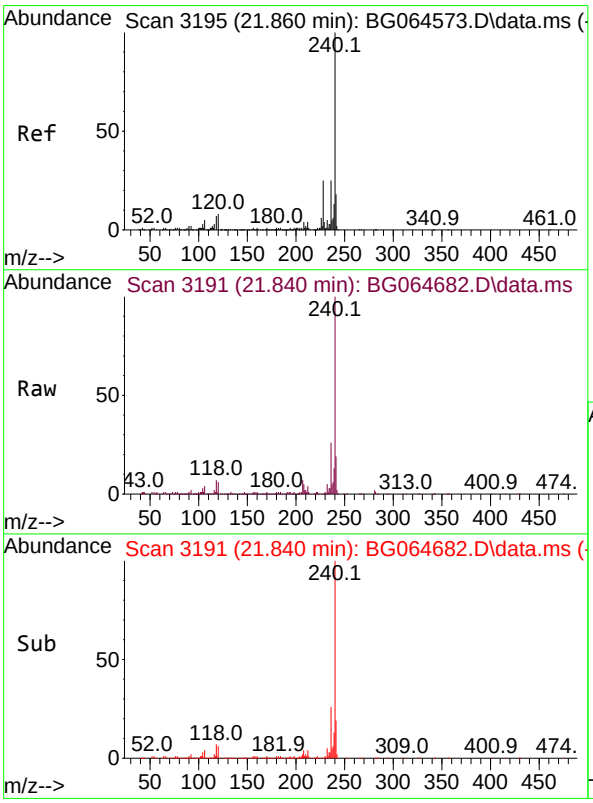
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:188 Resp: 251613

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.6	6.8	10.2

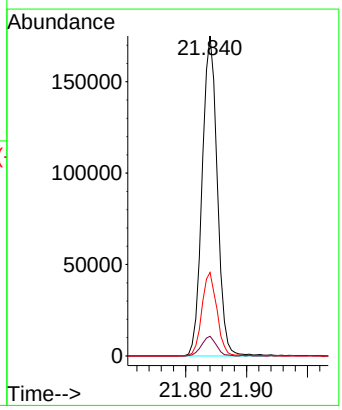


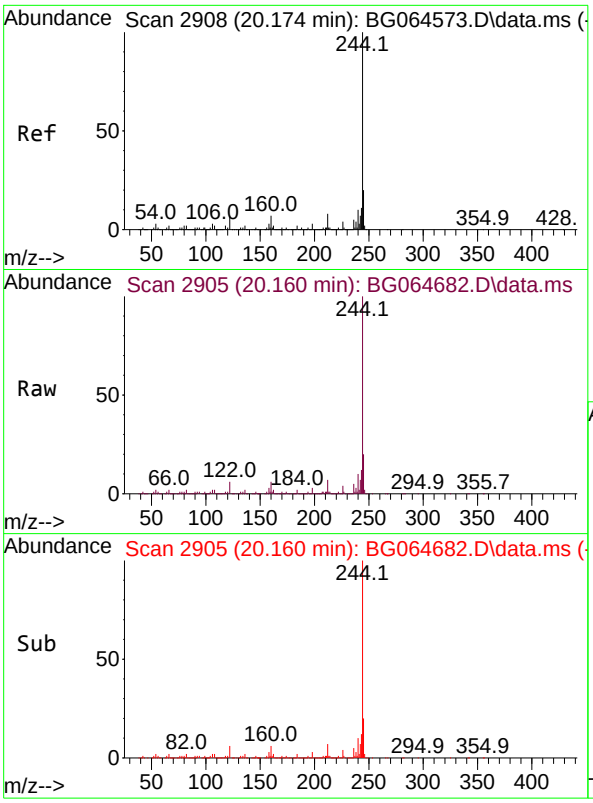


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.840 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:240 Resp: 301190

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.1	20.2	30.2



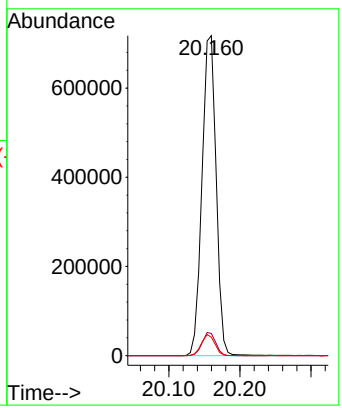


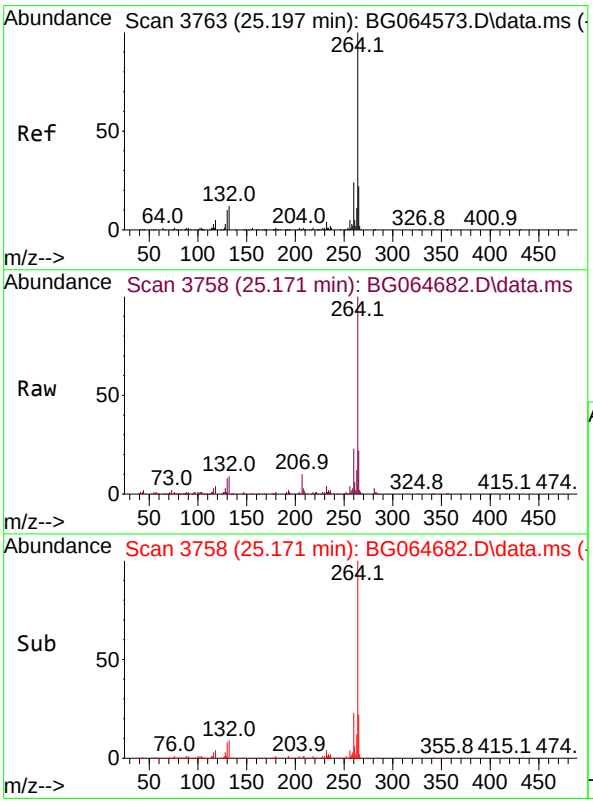
#79
Terphenyl-d14
Concen: 61.766 ng
RT: 20.160 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:244 Resp: 985779

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	5.7	5.6	8.4

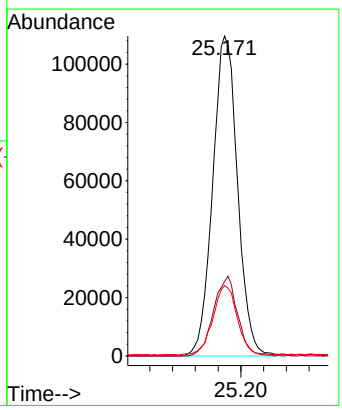




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.171 min Scan# 3758
Delta R.T. -0.026 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:264 Resp: 331540

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.0	17.6	26.4



Sample Results: **BG064682.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

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: BG064682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.185	10	16	24	rBV3	22694	50840	2.04%	0.467%
2	3.268	24	30	47	rVB	358140	579887	23.26%	5.332%
3	5.741	443	451	463	rBV	427905	701583	28.14%	6.451%
4	7.345	716	724	735	rBV	431603	785682	31.51%	7.224%
5	8.209	864	871	878	rBV	113472	192126	7.70%	1.766%
6	9.372	1060	1069	1088	rBV	265061	488767	19.60%	4.494%
7	11.029	1344	1351	1362	rBV	139620	274661	11.01%	2.525%
8	13.456	1757	1764	1778	rBV	715026	1179809	47.31%	10.848%
9	14.831	1991	1998	2009	rVB	253118	411194	16.49%	3.781%
10	16.170	2219	2226	2237	rBV	84412	133282	5.34%	1.225%
11	16.311	2242	2250	2262	rBV	561656	1000961	40.14%	9.203%
12	17.569	2457	2464	2474	rBV2	379576	596029	23.90%	5.480%
13	18.444	2608	2613	2623	rBV2	46437	99594	3.99%	0.916%
14	19.290	2752	2757	2764	rBV3	30077	47571	1.91%	0.437%
15	19.854	2849	2853	2860	rBV3	28157	38623	1.55%	0.355%
16	20.154	2899	2904	2911	rBV	1817589	2493592	100.00%	22.927%
17	20.424	2946	2950	2954	rBV3	38285	49699	1.99%	0.457%
18	20.888	3026	3029	3036	rBV5	25647	38947	1.56%	0.358%
19	21.464	3123	3127	3138	rBV2	115308	193706	7.77%	1.781%
20	21.840	3184	3191	3199	rBV2	448923	761499	30.54%	7.001%
21	25.171	3749	3758	3769	rBV2	260215	758237	30.41%	6.971%

Sum of corrected areas: 10876289

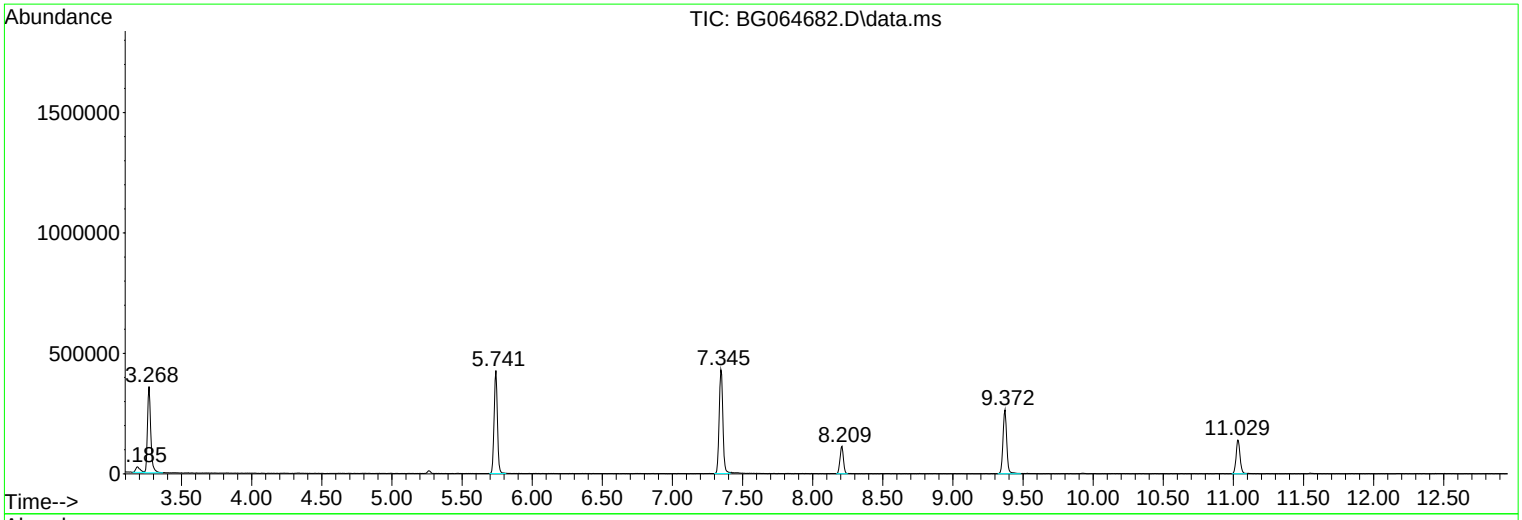
Sample Results: **BG064682.D**

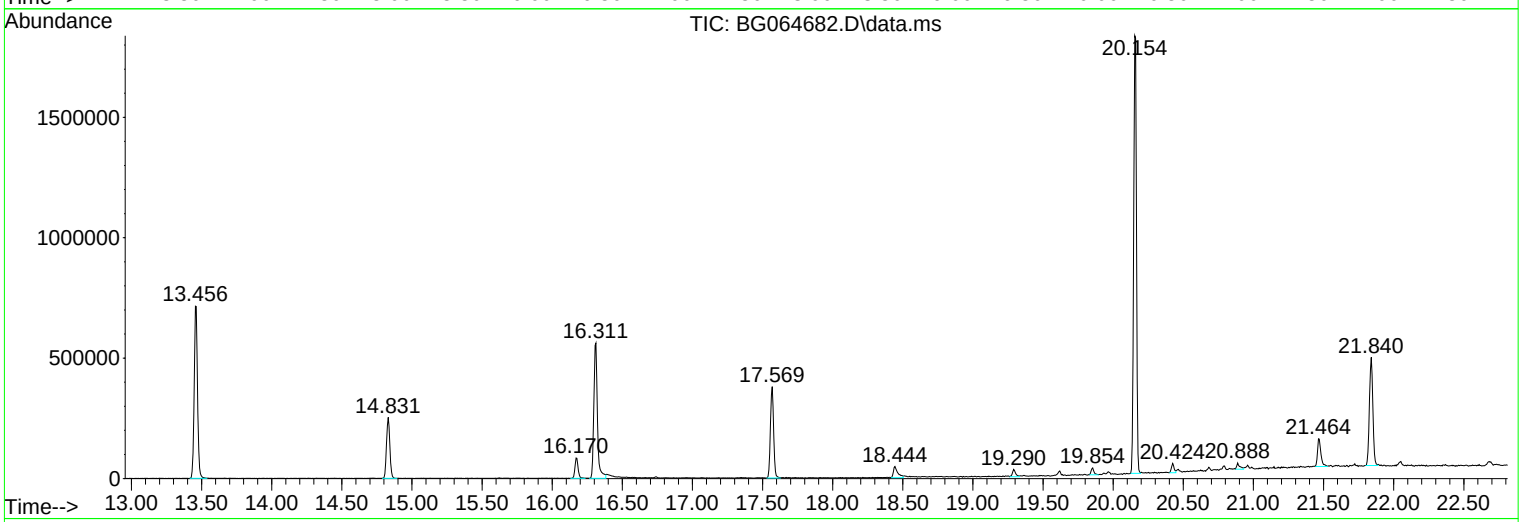
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

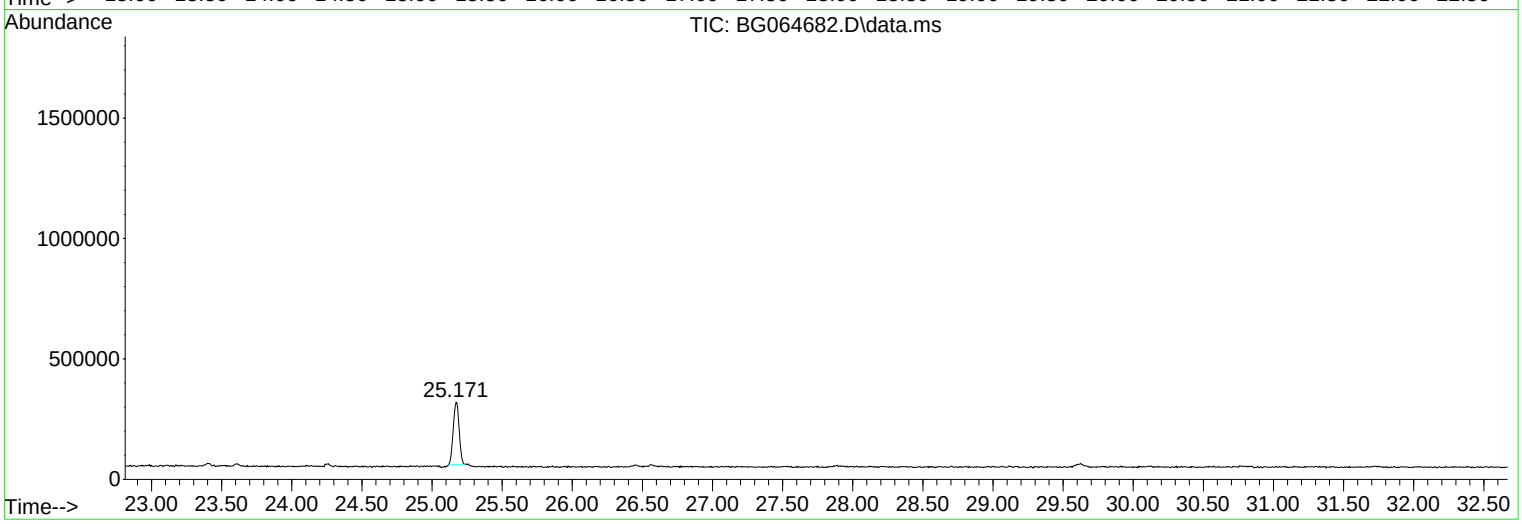
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

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\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

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

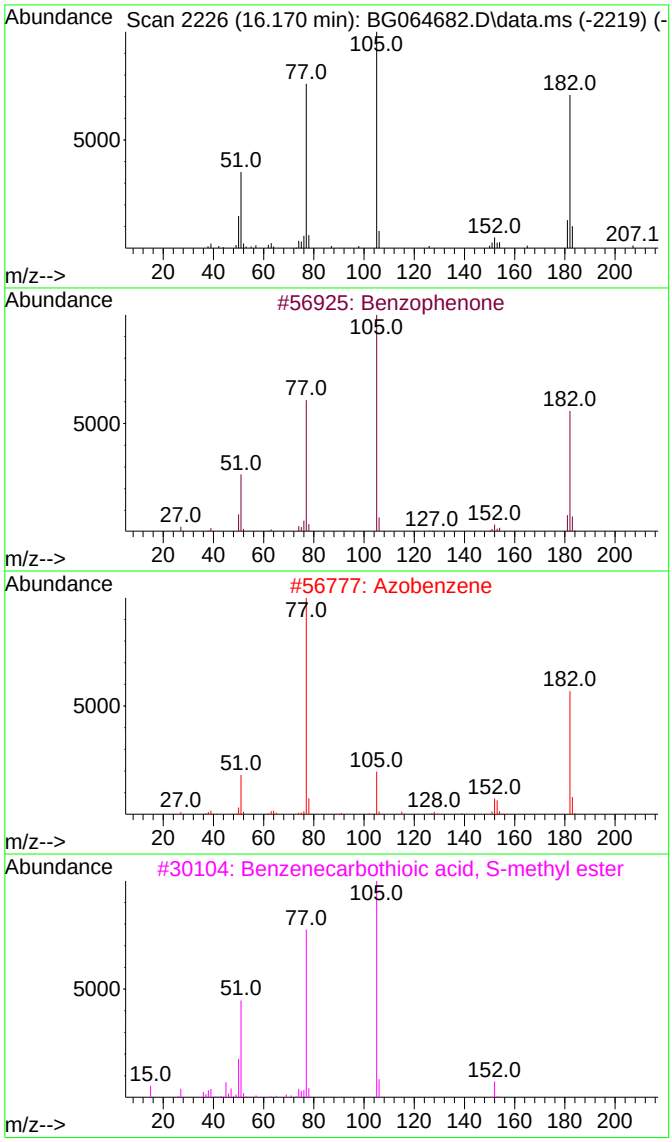
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

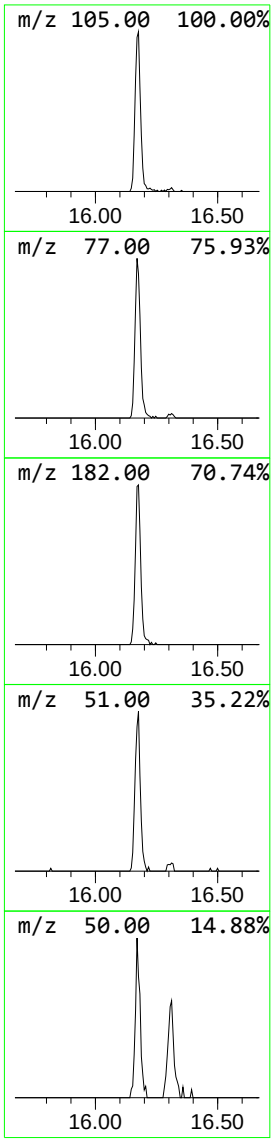
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	6.48 ng	133282	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	52
5	Benzoylformic acid	150	C8H6O3	000611-73-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

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

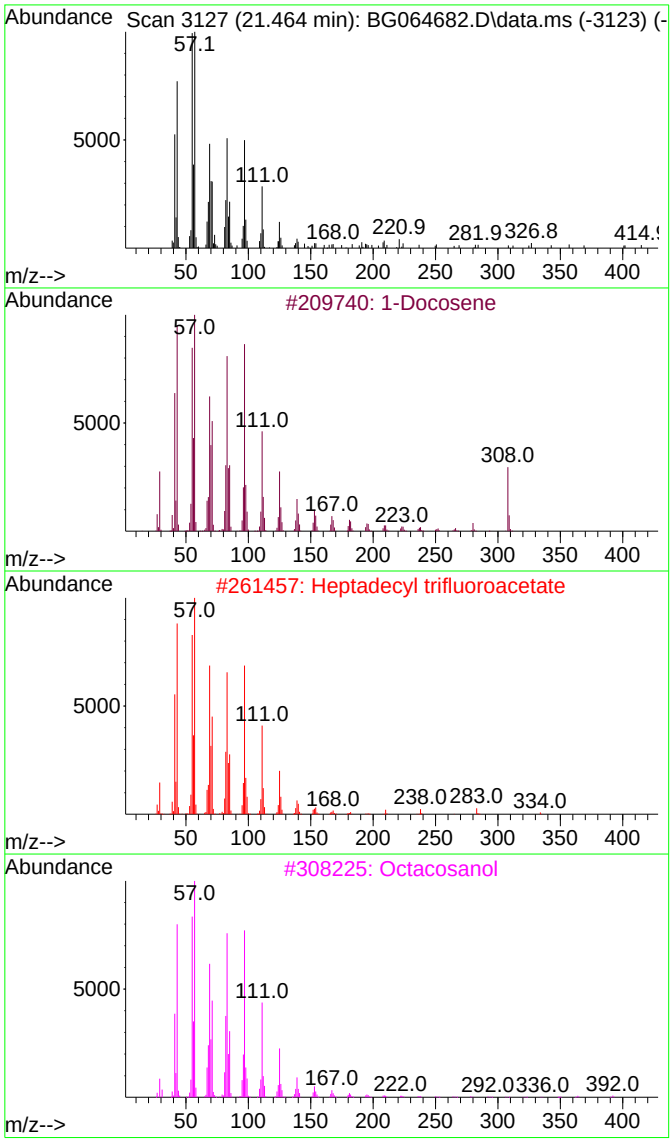
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

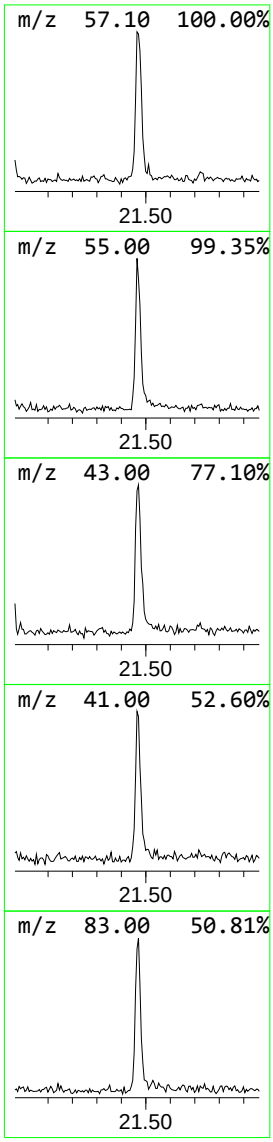
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.464	5.09 ng	193706	Chrysene-d12	21.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

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
Benzophenone	16.170	6.5	ng	133282	3	14.831	411194	20.0
1-Docosene	21.464	5.1	ng	193706	5	21.840	761499	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

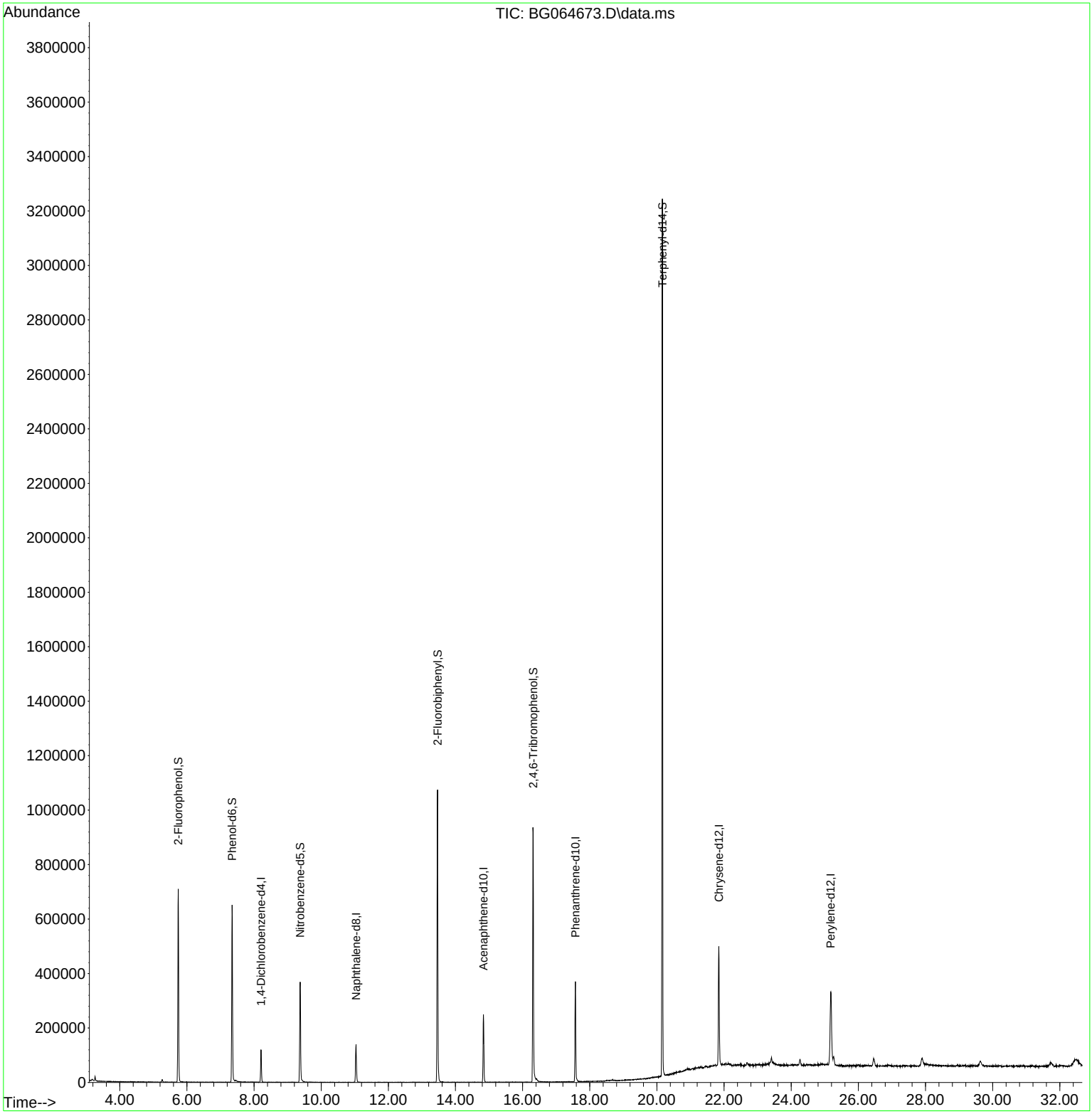
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	33303	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	120360	20.000	ng	-0.01
39) Acenaphthene-d10	14.833	164	97938	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	255703	20.000	ng	-0.01
76) Chrysene-d12	21.843	240	321187	20.000	ng	-0.02
86) Perylene-d12	25.174	264	341510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	276345	139.280	ng	0.00
7) Phenol-d6	7.348	99	345673	126.964	ng	0.00
23) Nitrobenzene-d5	9.375	82	219660	109.616	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	224867	159.081	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	604660	93.581	ng	-0.01
79) Terphenyl-d14	20.162	244	1643150	96.545	ng	-0.01
Target Compounds						Qvalue

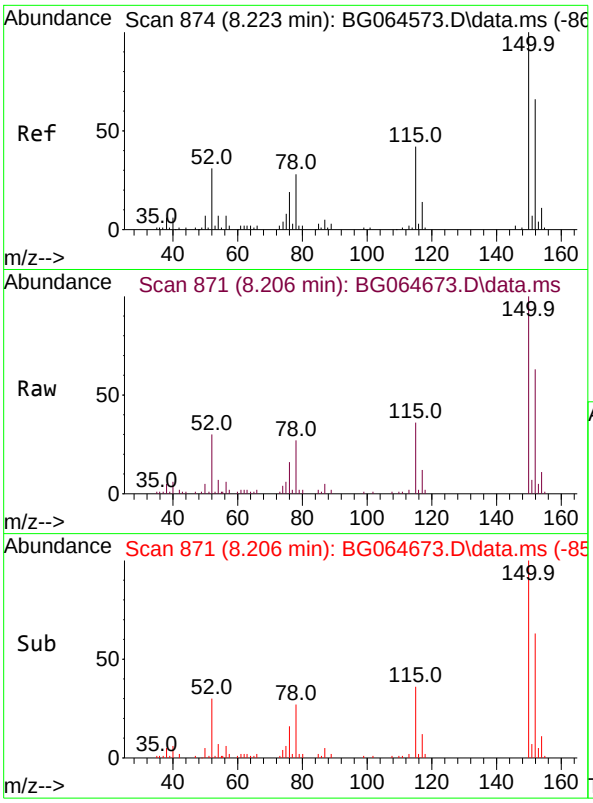
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



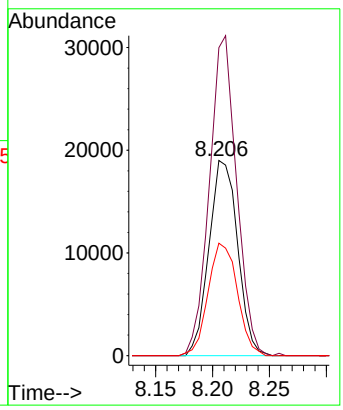


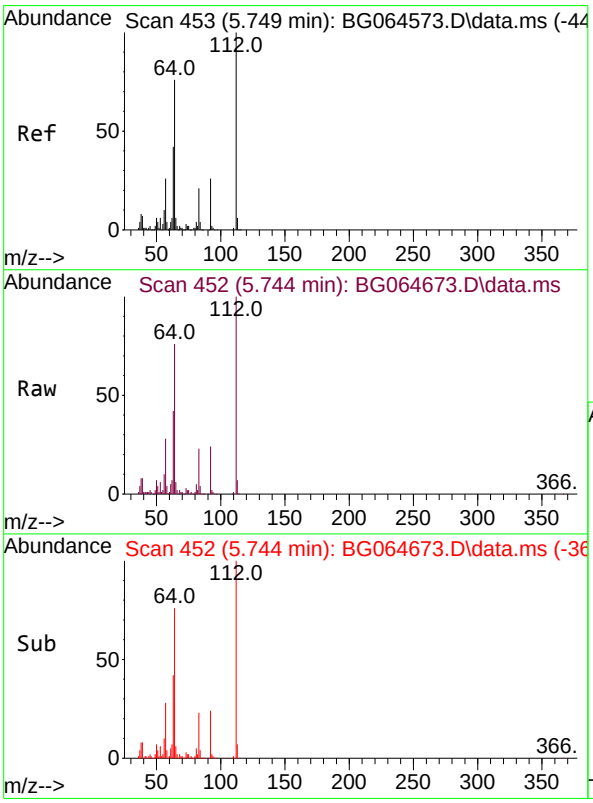
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:152 Resp: 33303

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.2	183.4
115	57.6	50.8	76.2

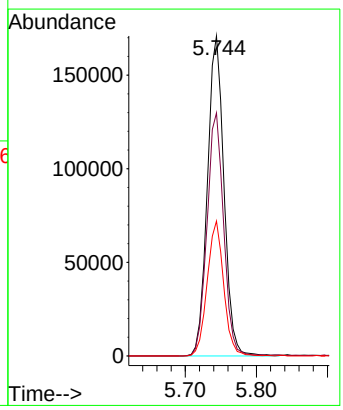


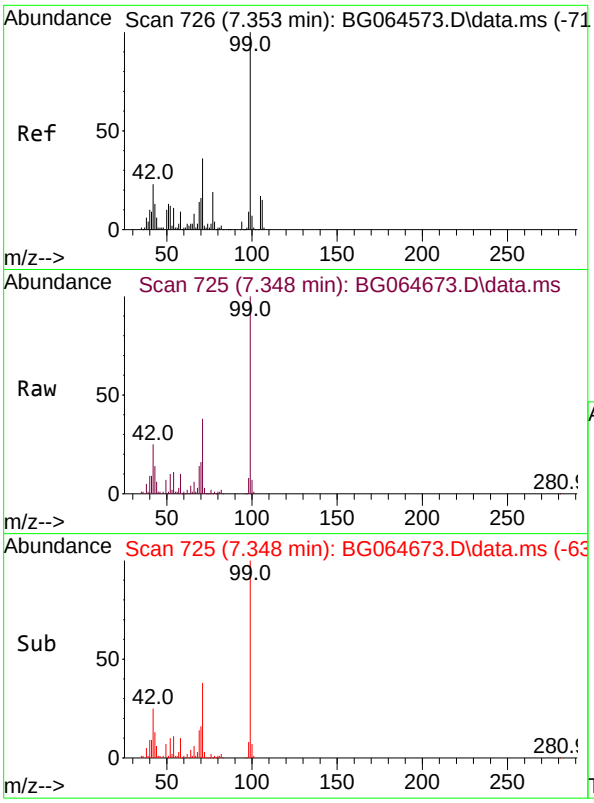


#5
2-Fluorophenol
Concen: 139.280 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:112 Resp: 276345

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.7	91.1
63	42.1	33.4	50.0



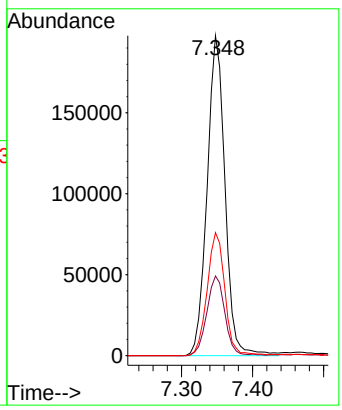


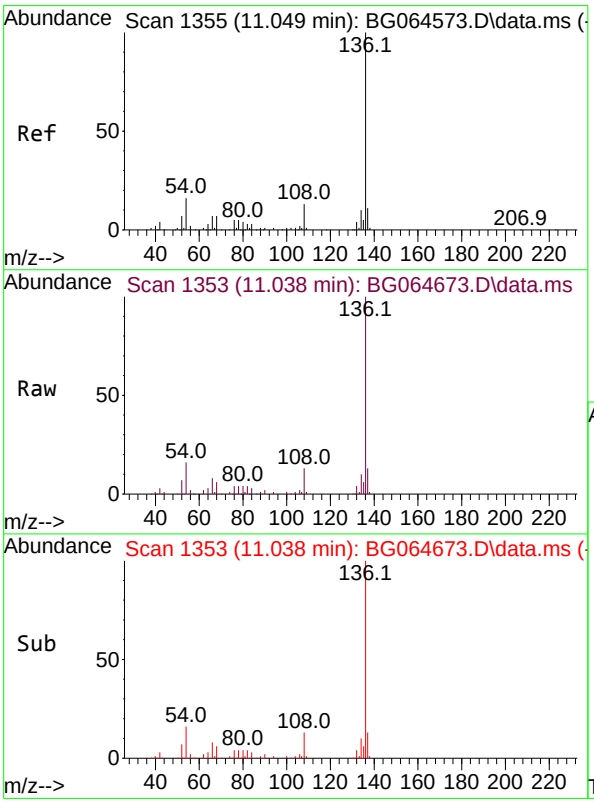
#7
Phenol-d6
Concen: 126.964 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 99 Resp: 345673

Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.3	27.5
71	38.5	28.6	43.0

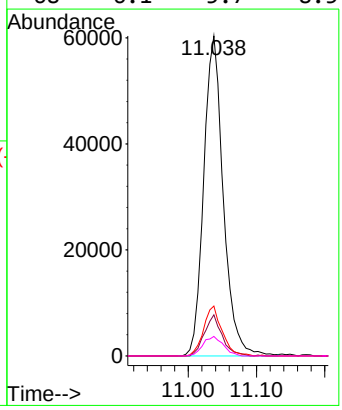


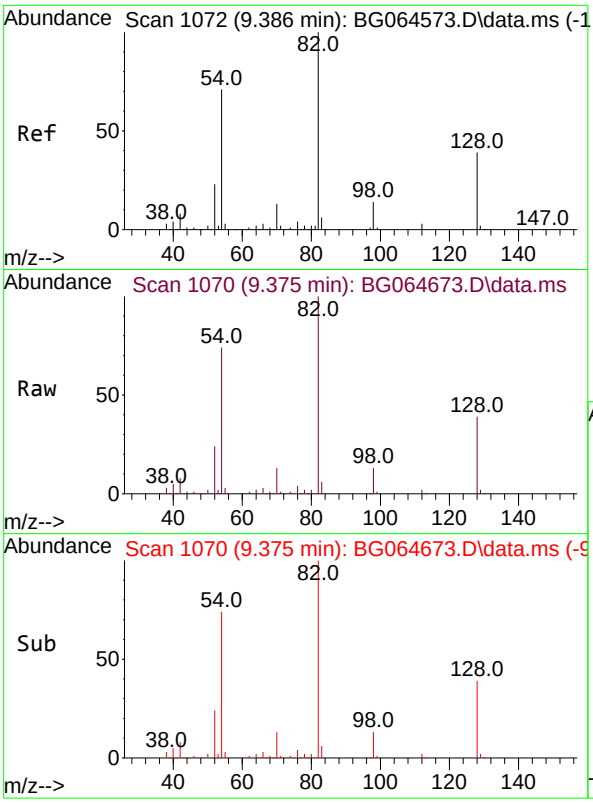


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:136 Resp: 120360

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	15.6	12.6	19.0
68	6.1	5.7	8.5



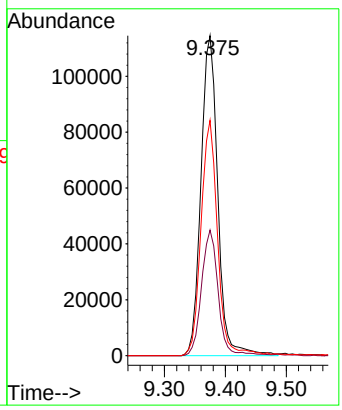


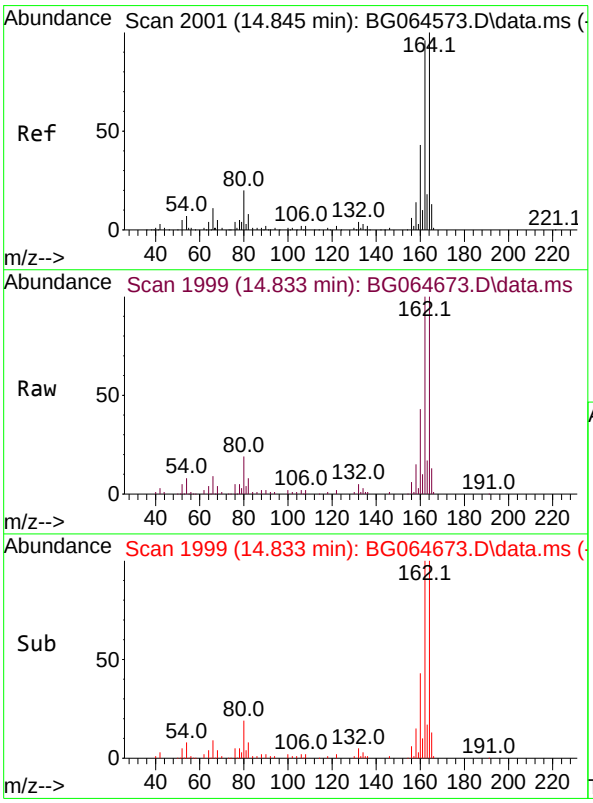
#23
Nitrobenzene-d5
Concen: 109.616 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 82 Resp: 219660

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	73.5	56.6	84.8

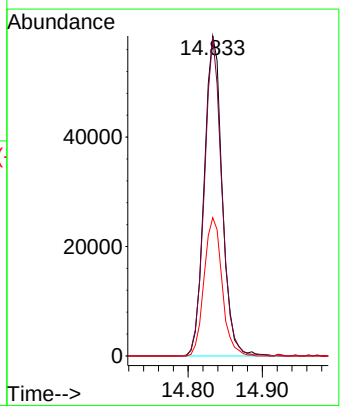


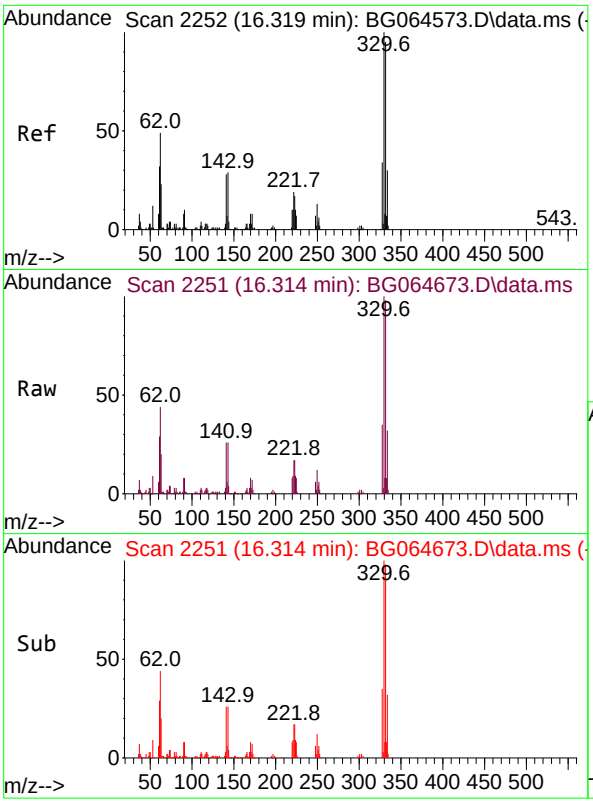


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:164 Resp: 97938

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.0	115.6
160	43.2	34.4	51.6



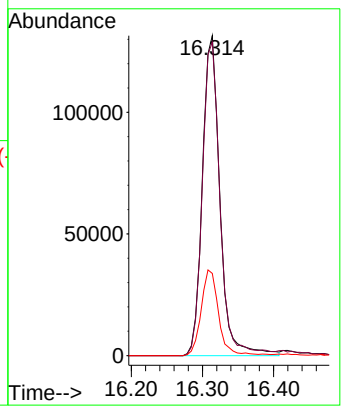


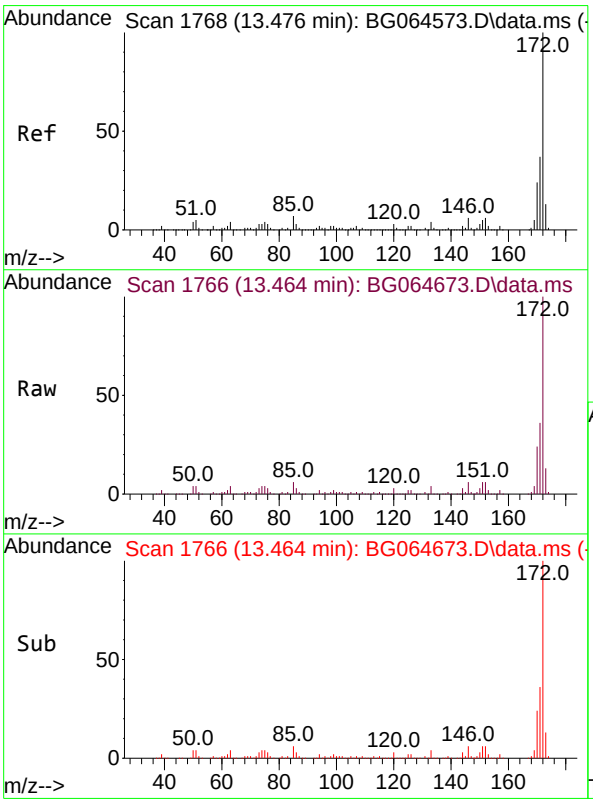
#42
2,4,6-Tribromophenol
Concen: 159.081 ng
RT: 16.314 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:330 Resp: 224867

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.0	117.0
141	26.7	21.8	32.6

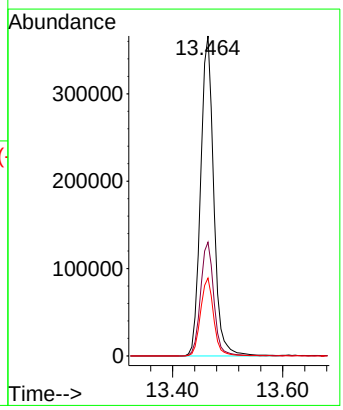


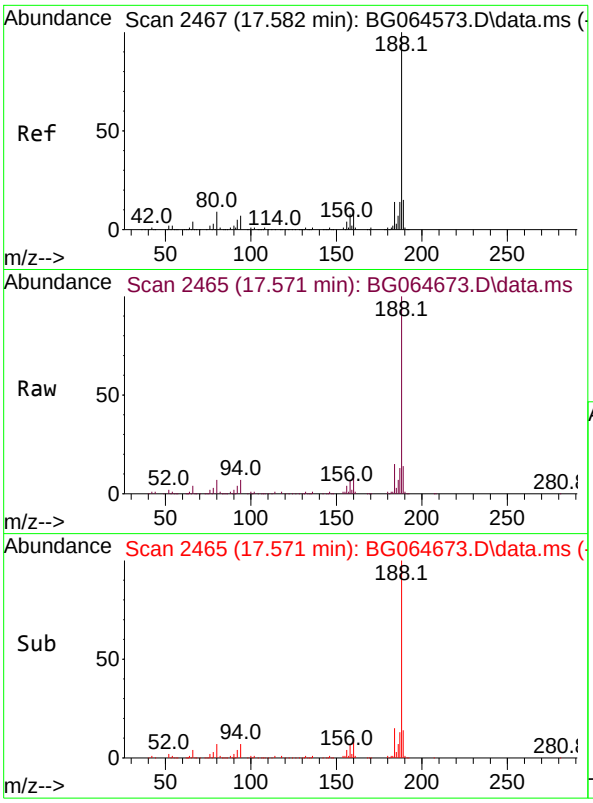


#45
2-Fluorobiphenyl
Concen: 93.581 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:172 Resp: 604660

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	19.1	28.7



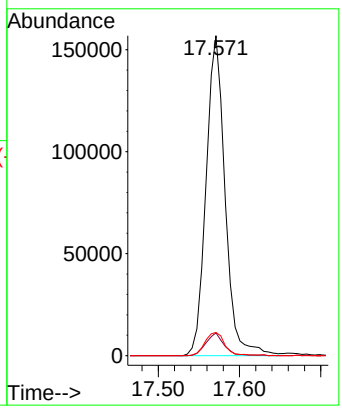


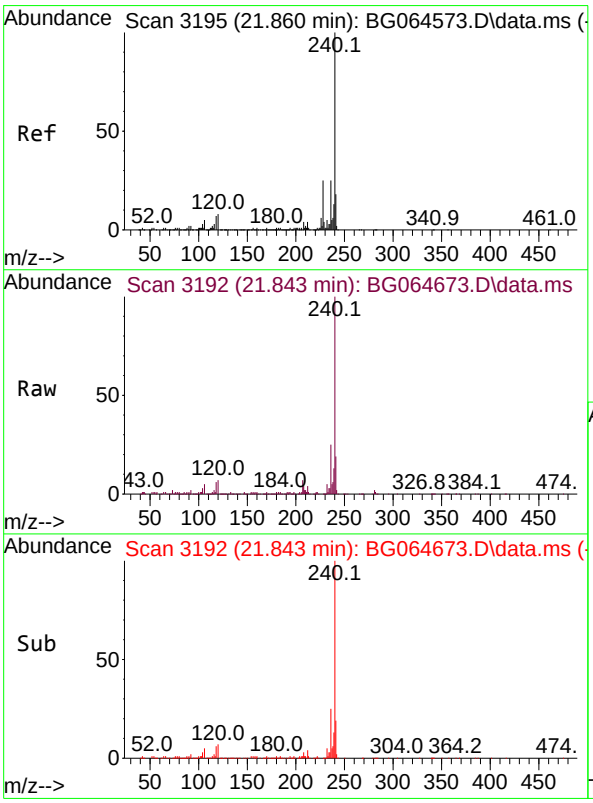
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:188 Resp: 255703

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.2	6.8	10.2

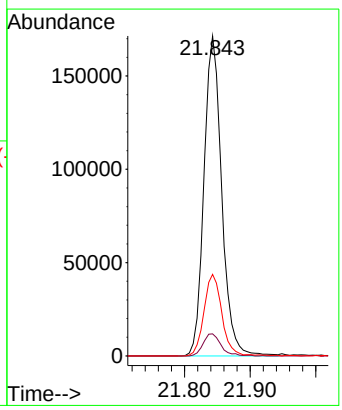


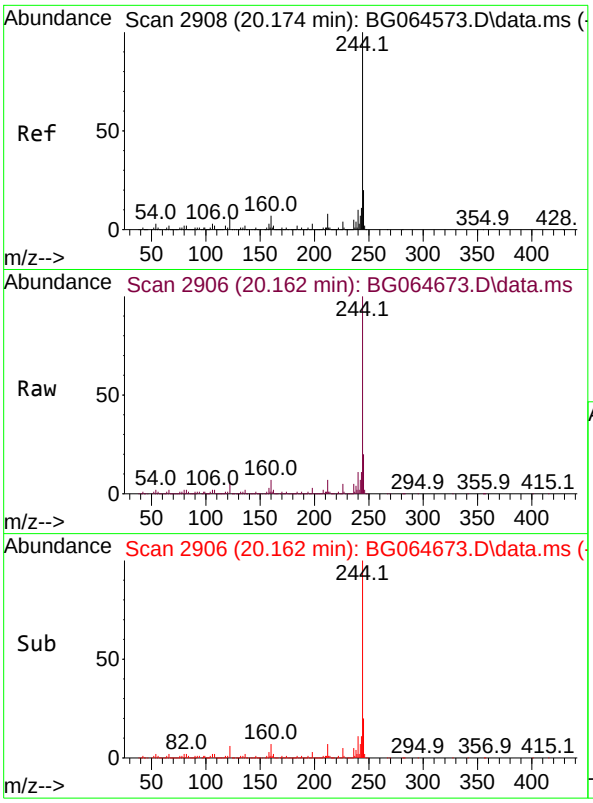


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:240 Resp: 321187

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.5	9.7
236	25.5	20.2	30.2



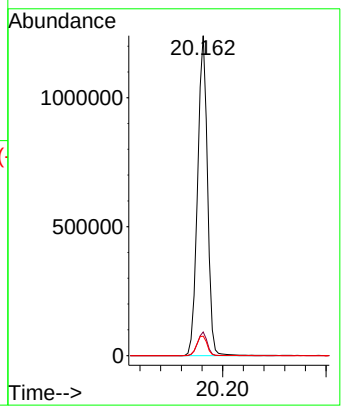


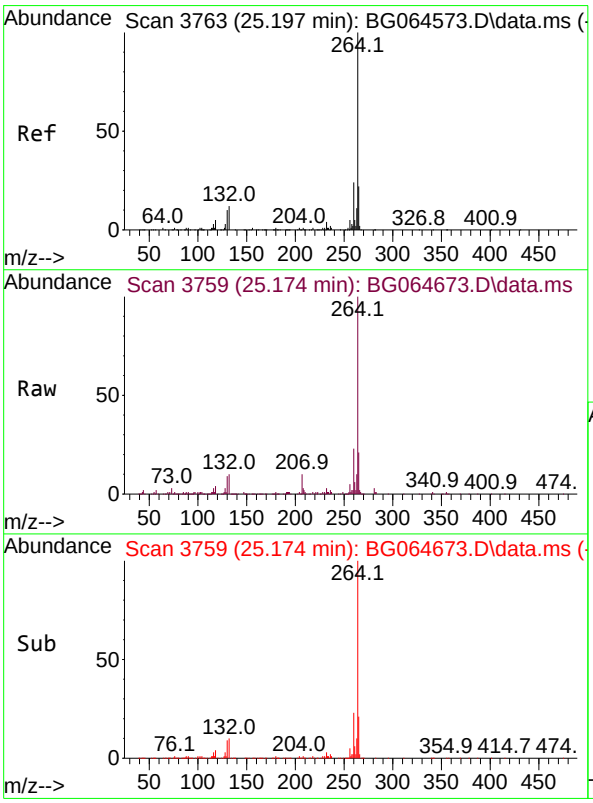
#79
Terphenyl-d14
Concen: 96.545 ng
RT: 20.162 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:244 Resp: 1643150

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.1	5.6	8.4

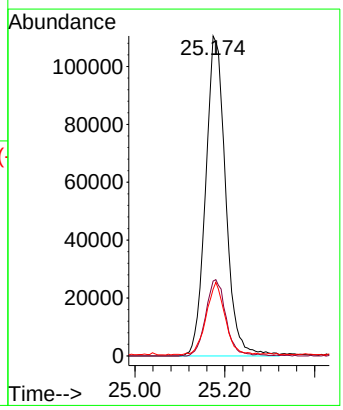




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:264 Resp: 341510

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.8	17.6	26.4



Sample Results: **BG064673.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

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: BG064673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.744	444	452	469	rBV	708227	1144619	26.81%	8.322%
2	7.348	717	725	738	rBV	650751	1148417	26.90%	8.350%
3	8.206	864	871	879	rVB	118885	206839	4.84%	1.504%
4	9.375	1062	1070	1087	rBV	368188	710193	16.63%	5.163%
5	11.038	1345	1353	1363	rBV	139120	267038	6.25%	1.941%
6	13.464	1758	1766	1782	rBV	1074100	1781674	41.73%	12.954%
7	14.833	1992	1999	2008	rBV	248245	406890	9.53%	2.958%
8	16.308	2243	2250	2265	rBV	935224	1610284	37.71%	11.707%
9	17.571	2458	2465	2479	rBV	367528	599270	14.04%	4.357%
10	20.162	2899	2906	2918	rBV	3222639	4269769	100.00%	31.043%
11	21.843	3186	3192	3202	rBV2	434509	805615	18.87%	5.857%
12	25.180	3750	3760	3770	rBV	262998	803703	18.82%	5.843%

Sum of corrected areas: 13754311

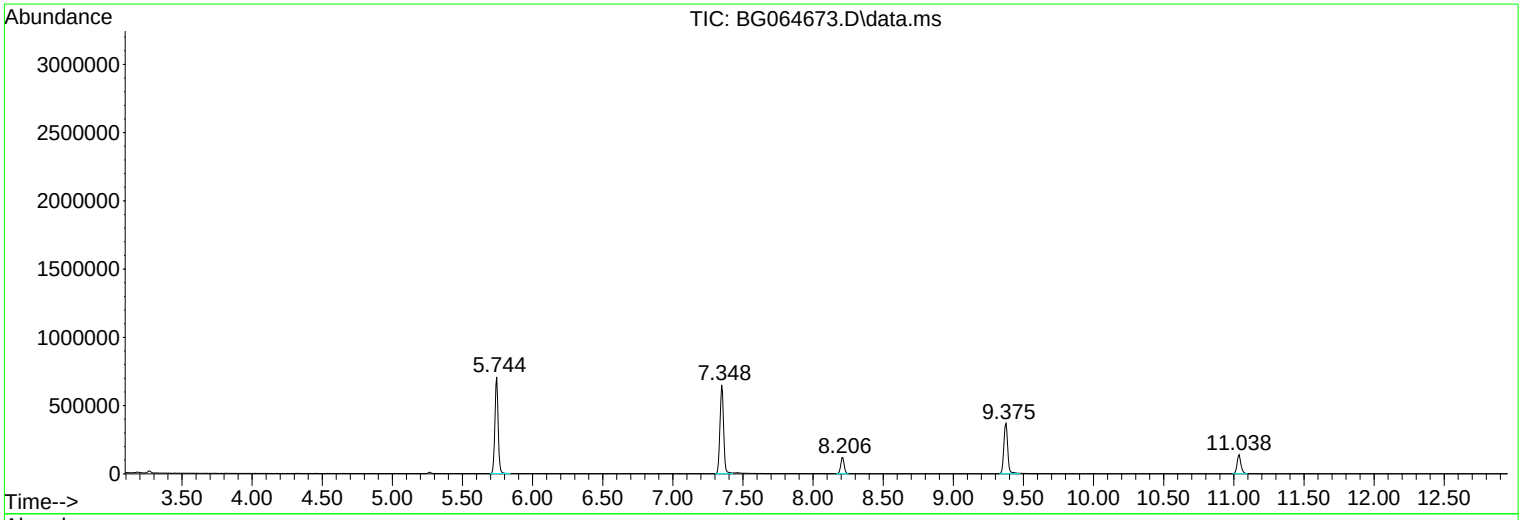
Sample Results: **BG064673.D**

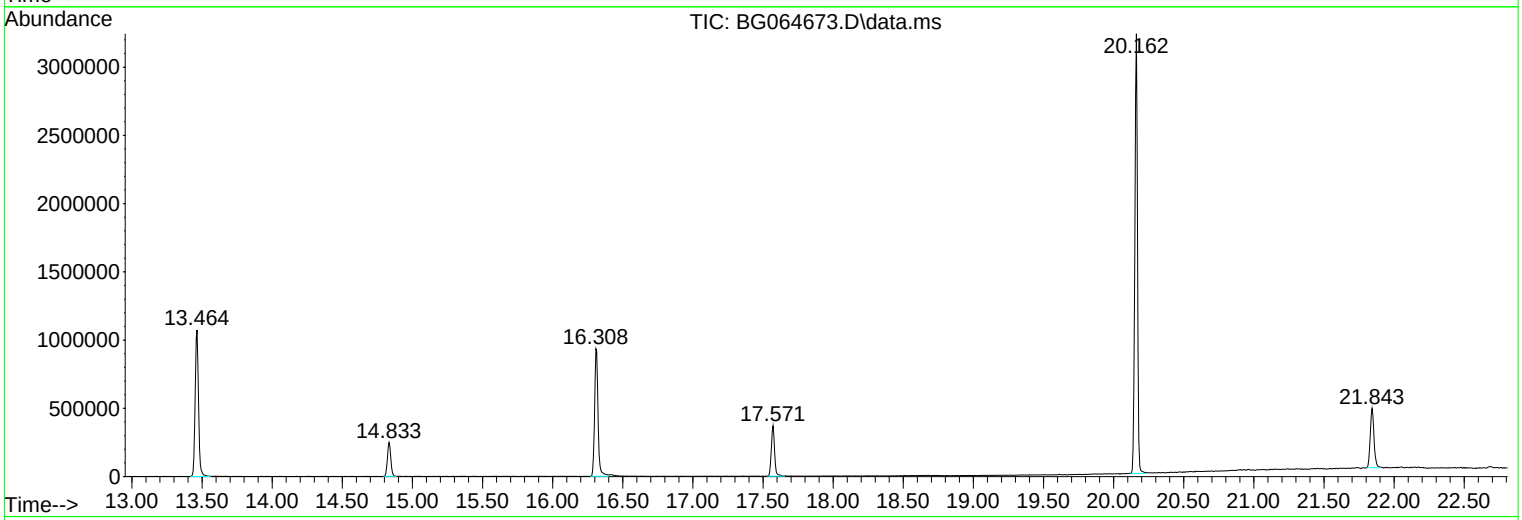
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

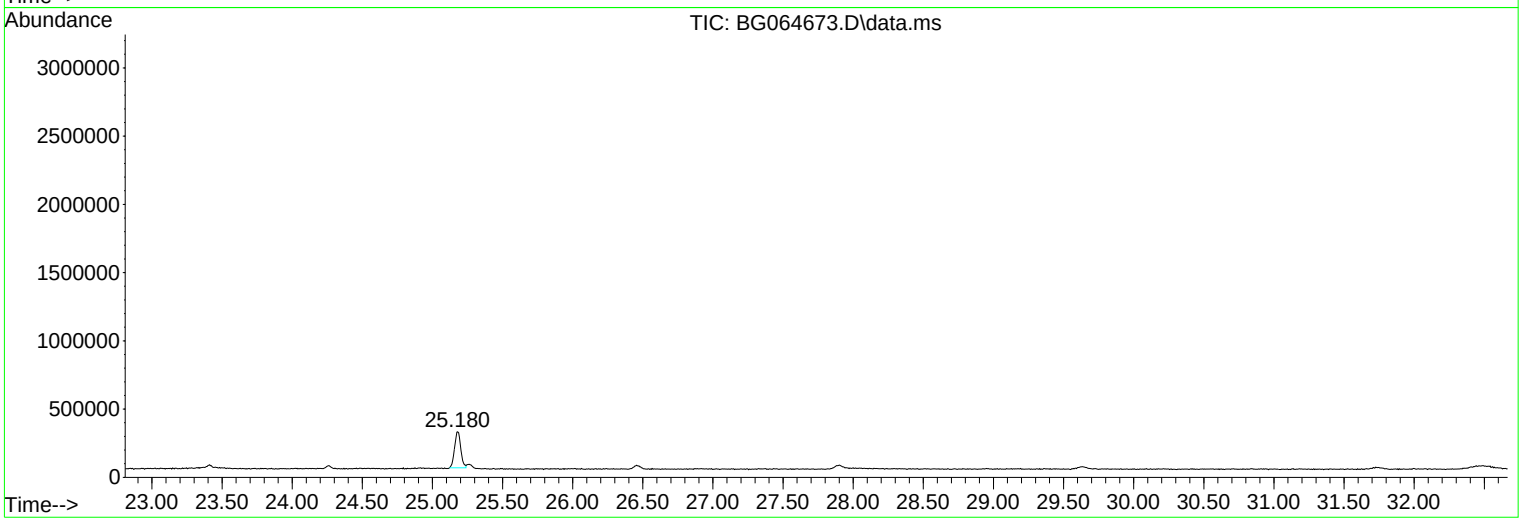
Instrument :
BNA_G
ClientSampleId :
PB170206BL

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







Library Search Compound Report

Sample Results: **BG064673.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

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\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

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

Sample Results: **BG064674.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	31178m	40.543	ng	
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng		98
46)	1,1'-Biphenyl	13.670	154	337726	47.413	ng		97
47)	2-Chloronaphthalene	13.717	162	230325	42.838	ng		99
48)	2-Nitroaniline	13.905	65	83771	46.518	ng		94
49)	Acenaphthylene	14.557	152	422008	49.761	ng		99
50)	Dimethylphthalate	14.281	163	336584	43.902	ng		100
51)	2,6-Dinitrotoluene	14.392	165	66999	52.632	ng		95
52)	Acenaphthene	14.898	154	283781	48.977	ng		99
53)	3-Nitroaniline	14.721	138	47343	35.932	ng	#	94
54)	2,4-Dinitrophenol	14.927	184	88446	111.576	ng	#	30
55)	Dibenzofuran	15.232	168	407661	43.519	ng		99
56)	4-Nitrophenol	15.015	139	113539	92.945	ng		88
57)	2,4-Dinitrotoluene	15.180	165	100016	50.936	ng	#	98
58)	Fluorene	15.879	166	318811	43.579	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng		99
60)	Diethylphthalate	15.638	149	344532	44.012	ng		98
61)	4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng		99
62)	4-Nitroaniline	15.879	138	72768	49.643	ng		93
63)	Azobenzene	16.155	77	304790	42.435	ng		98
65)	4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng		92
66)	n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng		99
67)	4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng		97
68)	Hexachlorobenzene	16.883	284	155303	46.126	ng		97
69)	Atrazine	17.019	200	139683	48.248	ng		98
70)	Pentachlorophenol	17.218	266	207688	98.918	ng		88
71)	Phenanthrene	17.612	178	602824	44.262	ng		99
72)	Anthracene	17.706	178	604988	43.668	ng		99
73)	Carbazole	17.965	167	547456	44.812	ng		100
74)	Di-n-butylphthalate	18.517	149	625052	44.244	ng		98
75)	Fluoranthene	19.610	202	782658	45.872	ng		98
77)	Benzidine	19.774	184	220989	33.863	ng		98
78)	Pyrene	19.968	202	810468	42.587	ng		99
80)	Butylbenzylphthalate	20.843	149	282780	49.163	ng		97
81)	Benzo(a)anthracene	21.825	228	863171	44.692	ng		100
82)	3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng		100
83)	Chrysene	21.895	228	798229	43.435	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng		99
85)	Di-n-octyl phthalate	22.982	149	686767	47.394	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng	#	97
88)	Benzo(b)fluoranthene	24.122	252	865386	46.311	ng		98
89)	Benzo(k)fluoranthene	24.192	252	855280	45.739	ng		99
90)	Benzo(a)pyrene	25.027	252	812553	47.305	ng		99
91)	Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng		97
92)	Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng		98

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

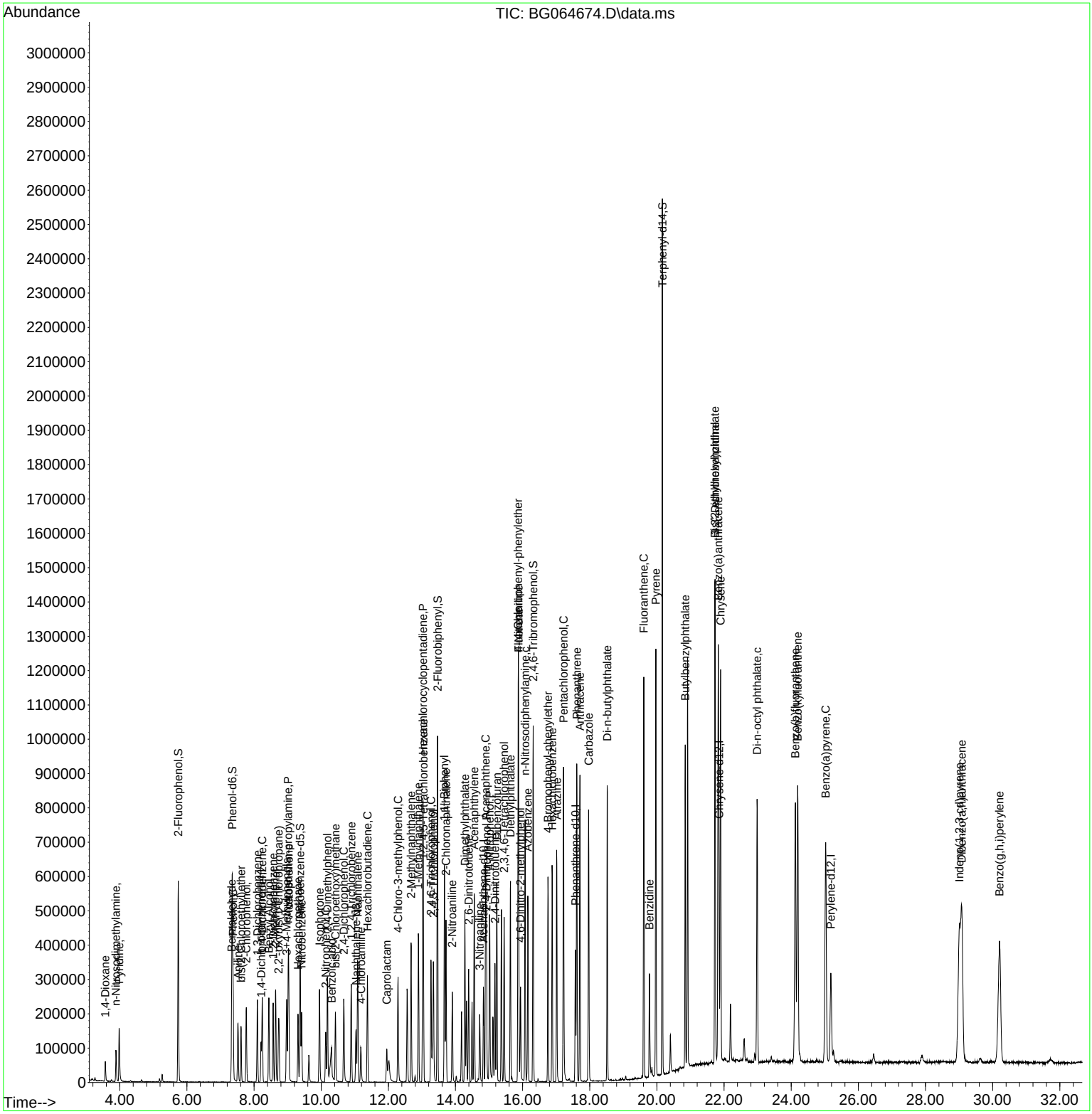
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	30518	20.000	ng		-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng		-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng		-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.743	112	161318	88.725	ng		0.00
7) Phenol-d6	7.347	99	227772	91.294	ng		0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng		-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng		-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng		97
3) Pyridine	3.987	79	73171	30.270	ng		98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng		86
6) Aniline	7.518	93	96754	28.500	ng		98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng		95
9) Benzaldehyde	7.330	77	41376	30.377	ng		94
10) Phenol	7.377	94	127181	46.094	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng		97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng		96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng		96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng		99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng		99
17) 2-Methylphenol	8.646	107	91462	49.927	ng		98
18) Hexachloroethane	9.310	117	38511	49.274	ng		98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng		99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng		97
22) Acetophenone	9.034	105	172750	50.670	ng	#	97
24) Nitrobenzene	9.416	77	114675	50.775	ng		96
25) Isophorone	9.944	82	220732	44.300	ng		98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	#	84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng		93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng		96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng		95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng		99
31) Naphthalene	11.084	128	322262	46.604	ng		98
32) Benzoic acid	10.309	122	78271m	54.276	ng		
33) 4-Chloroaniline	11.178	127	63504	23.628	ng		94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng		98
35) Caprolactam	11.954	113	31840m	41.620	ng		
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng		100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng		99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng		94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng		99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng		96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng		97
46)	1,1'-Biphenyl	13.669	154	365511	52.617	ng		95
47)	2-Chloronaphthalene	13.716	162	247117	47.128	ng		99
48)	2-Nitroaniline	13.904	65	92902	52.456	ng		93
49)	Acenaphthylene	14.557	152	447526	54.110	ng		99
50)	Dimethylphthalate	14.280	163	350578	46.888	ng		99
51)	2,6-Dinitrotoluene	14.392	165	72025	57.691	ng		94
52)	Acenaphthene	14.897	154	296446	52.462	ng		99
53)	3-Nitroaniline	14.721	138	54127	42.124	ng		99
54)	2,4-Dinitrophenol	14.927	184	86735	112.166	ng	#	36
55)	Dibenzofuran	15.226	168	436524	47.784	ng		98
56)	4-Nitrophenol	15.021	139	111684	93.749	ng		92
57)	2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	#	98
58)	Fluorene	15.873	166	346869	48.619	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng		99
60)	Diethylphthalate	15.632	149	351361	46.024	ng		98
61)	4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng		99
62)	4-Nitroaniline	15.879	138	77086	53.925	ng		88
63)	Azobenzene	16.155	77	346233	49.429	ng		97
65)	4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng		95
66)	n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng		99
67)	4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng		99
68)	Hexachlorobenzene	16.877	284	174527	54.164	ng		98
69)	Atrazine	17.012	200	146558	52.897	ng		97
70)	Pentachlorophenol	17.218	266	138736	69.046	ng		94
71)	Phenanthrene	17.612	178	626478	48.065	ng		99
72)	Anthracene	17.706	178	637519	48.084	ng		99
73)	Carbazole	17.964	167	559713	47.873	ng		99
74)	Di-n-butylphthalate	18.517	149	640771	47.395	ng		99
75)	Fluoranthene	19.609	202	800886	49.049	ng		97
77)	Benzidine	19.774	184	233853	37.459	ng		99
78)	Pyrene	19.968	202	824584	45.294	ng		99
80)	Butylbenzylphthalate	20.837	149	283110	51.453	ng		97
81)	Benzo(a)anthracene	21.825	228	895006	48.442	ng		99
82)	3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng		98
83)	Chrysene	21.889	228	840571	47.814	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng		98
85)	Di-n-octyl phthalate	22.982	149	701716	50.622	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	#	96
88)	Benzo(b)fluoranthene	24.116	252	917327	48.744	ng		99
89)	Benzo(k)fluoranthene	24.186	252	938287	49.823	ng		98
90)	Benzo(a)pyrene	25.021	252	886118	51.224	ng		99
91)	Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng		99
92)	Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	#	96

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

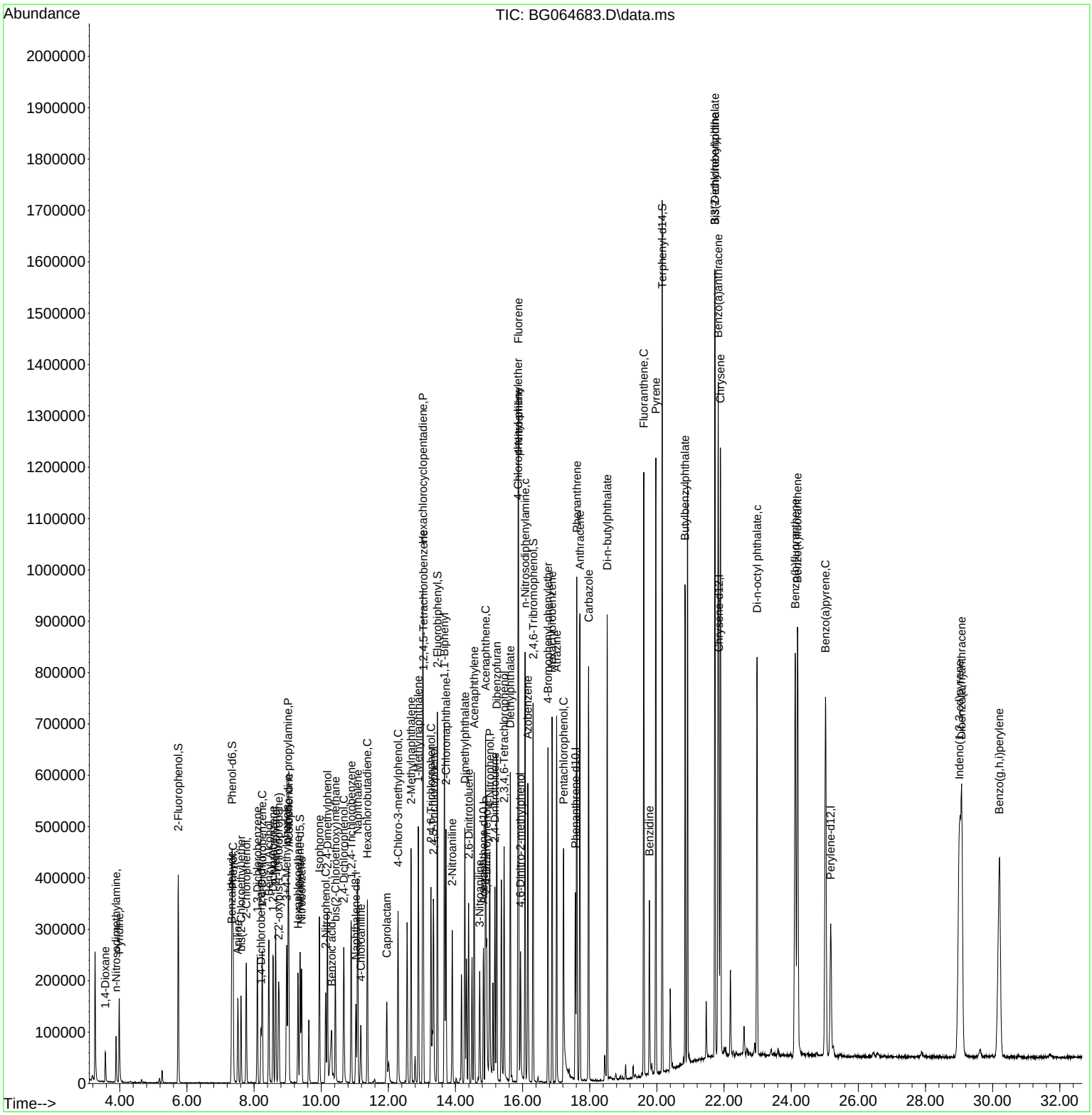
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	29939	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng		-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng		#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng		#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	162495	91.101	ng		0.00
7) Phenol-d6	7.348	99	242031	98.886	ng		0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng		-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng		-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng		98
3) Pyridine	3.987	79	74639	31.474	ng		95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng		97
6) Aniline	7.519	93	105815	31.771	ng		99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng		94
9) Benzaldehyde	7.331	77	43143	32.287	ng		92
10) Phenol	7.378	94	135096	49.910	ng		97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng		98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng		95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng		96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng		98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng		98
17) 2-Methylphenol	8.641	107	90396	50.299	ng		94
18) Hexachloroethane	9.305	117	38564	50.296	ng		92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng		99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng		98
22) Acetophenone	9.034	105	172932	53.272	ng	#	96
24) Nitrobenzene	9.416	77	115831	53.864	ng		95
25) Isophorone	9.945	82	218689	46.096	ng		99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng		100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng		95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng		95
31) Naphthalene	11.085	128	322463	48.977	ng		99
32) Benzoic acid	10.309	122	74800m	54.449	ng		
33) 4-Chloroaniline	11.179	127	64055	25.031	ng		95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng		99
35) Caprolactam	11.955	113	33266m	45.669	ng		
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng		96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng		99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng		93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng		99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng		96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng		96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng		98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng		96
49) Acenaphthylene	14.557	152	454638	55.015	ng		98
50) Dimethylphthalate	14.281	163	369114	49.408	ng		99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng		93
52) Acenaphthene	14.898	154	305203	54.056	ng		99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng		97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	#	33
55) Dibenzofuran	15.227	168	444612	48.709	ng		96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng		95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	#	99
58) Fluorene	15.874	166	351759	49.345	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng		96
60) Diethylphthalate	15.633	149	360779	47.297	ng		100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng		98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng		92
63) Azobenzene	16.156	77	346815	49.553	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng		97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng		97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng		96
69) Atrazine	17.013	200	147201	53.177	ng		96
70) Pentachlorophenol	17.219	266	142833	71.149	ng		96
71) Phenanthrene	17.613	178	639960	49.144	ng		99
72) Anthracene	17.701	178	649301	49.016	ng		100
73) Carbazole	17.965	167	574716	49.201	ng		99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng		99
75) Fluoranthene	19.604	202	803723	49.267	ng		98
77) Benzidine	19.775	184	244042	39.558	ng		98
78) Pyrene	19.969	202	839699	46.674	ng		100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng		96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng		99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng		96
83) Chrysene	21.890	228	854597	49.192	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng		99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng		97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	#	96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng		98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng		99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng		97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng		97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng		98

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

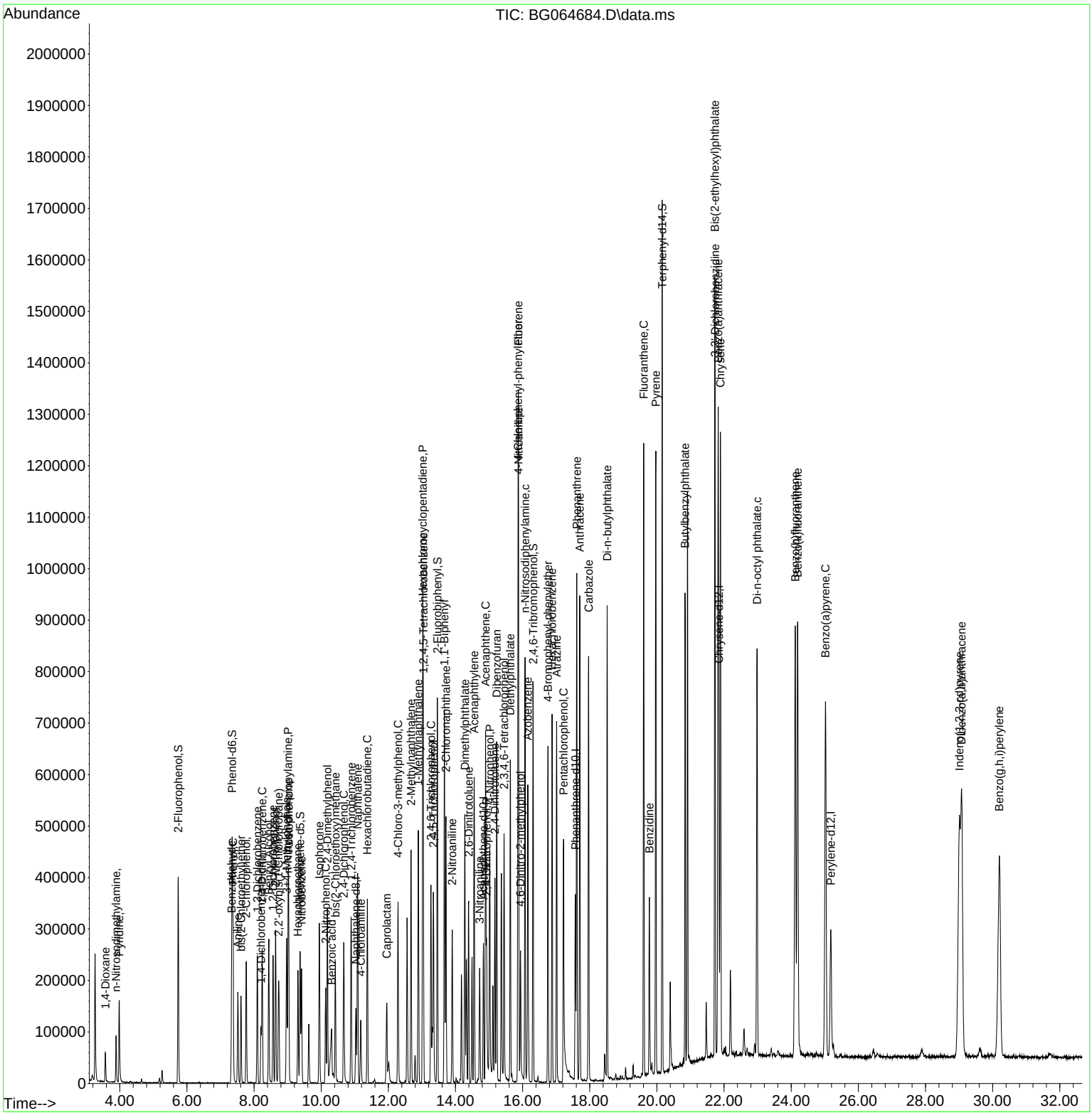
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



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	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	Jagrut	10/27/2025 12:24:41 PM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	Jagrut	10/27/2025 12:24:43 PM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	Jagrut	10/27/2025 12:24:45 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG110325	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

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	Jagrut	Supervise On	10/27/2025 12:25:10 PM				
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 # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	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	BG064671.D	3 Nov 2025 13:54	RC/JU	Ok
2	SSTDCCC040	BG064672.D	3 Nov 2025 14:35	RC/JU	Ok,NR
3	PB170206BL	BG064673.D	3 Nov 2025 15:16	RC/JU	Ok
4	PB170206BS	BG064674.D	3 Nov 2025 15:57	RC/JU	Ok,NR
5	PB170216BL	BG064675.D	3 Nov 2025 16:38	RC/JU	Ok
6	PB170216BS	BG064676.D	3 Nov 2025 17:19	RC/JU	Ok,NR
7	PB170172TB	BG064677.D	3 Nov 2025 18:00	RC/JU	Ok
8	Q3399-02	BG064678.D	3 Nov 2025 18:41	RC/JU	Ok
9	Q3368-06	BG064679.D	3 Nov 2025 19:22	RC/JU	Ok
10	Q3368-06MS	BG064680.D	3 Nov 2025 20:02	RC/JU	Ok,NR
11	Q3368-06MSD	BG064681.D	3 Nov 2025 20:43	RC/JU	Ok,NR
12	Q3399-01	BG064682.D	3 Nov 2025 21:24	RC/JU	Ok
13	Q3399-01MS	BG064683.D	3 Nov 2025 22:05	RC/JU	Ok,NR
14	Q3399-01MSD	BG064684.D	3 Nov 2025 22:46	RC/JU	Ok,NR
15	SSTDCCC040	BG064685.D	3 Nov 2025 23:27	RC/JU	Ok,NR

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	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
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 # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	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	BG064671.D	3 Nov 2025 13:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064672.D	3 Nov 2025 14:35		RC/JU	Ok,NR
3	PB170206BL	PB170206BL	BG064673.D	3 Nov 2025 15:16	Good for DOD Projects	RC/JU	Ok
4	PB170206BS	PB170206BS	BG064674.D	3 Nov 2025 15:57		RC/JU	Ok,NR
5	PB170216BL	PB170216BL	BG064675.D	3 Nov 2025 16:38		RC/JU	Ok
6	PB170216BS	PB170216BS	BG064676.D	3 Nov 2025 17:19		RC/JU	Ok,NR
7	PB170172TB	PB170172TB	BG064677.D	3 Nov 2025 18:00		RC/JU	Ok
8	Q3399-02	COMP-ROLLOFF	BG064678.D	3 Nov 2025 18:41		RC/JU	Ok
9	Q3368-06	OUTSIDE-DUMPSTER	BG064679.D	3 Nov 2025 19:22		RC/JU	Ok
10	Q3368-06MS	OUTSIDE-DUMPSTER	BG064680.D	3 Nov 2025 20:02		RC/JU	Ok,NR
11	Q3368-06MSD	OUTSIDE-DUMPSTER	BG064681.D	3 Nov 2025 20:43		RC/JU	Ok,NR
12	Q3399-01	COMP-ROLLOFF	BG064682.D	3 Nov 2025 21:24		RC/JU	Ok
13	Q3399-01MS	COMP-ROLLOFFMS	BG064683.D	3 Nov 2025 22:05		RC/JU	Ok,NR
14	Q3399-01MSD	COMP-ROLLOFFMSD	BG064684.D	3 Nov 2025 22:46		RC/JU	Ok,NR
15	SSTDCCC040	SSTDCCC040EC	BG064685.D	3 Nov 2025 23:27		RC/JU	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170206

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/22/2025
Matrix :	Solid			**Extraction Start Time :**	09:55
Weigh By:	EH	**Extraction By:**	EH	**Extraction End Date :**	10/22/2025
Balance check:	EH	**Filter By:**	RS	**Extraction End Time :**	13:55
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	SP6865
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	EP2652
Methylene Chloride	N/A	E3980
Sand	N/A	E3951
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.

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	RC/SVOC
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170206

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170206BL	SBLK206	SVOC-TCL BNA -20	30.01	N/A	Evelyn	RUPESH	1			U6-1
PB170206BS	SLCS206	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1			2
Q3399-01	COMP-ROLLOFF	SVOC-TCL BNA -20	30.09	N/A	Evelyn	RUPESH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	SVOC-TCL BNA -20	30.08	N/A	Evelyn	RUPESH	1	C		4
Q3399-01MSD	COMP-ROLLOFFMSD	SVOC-TCL BNA -20	30.06	N/A	Evelyn	RUPESH	1	C		5
Q3404-01	MOO-25-0285-0288	SVOC-TCL BNA -20	50.10	N/A	Evelyn	RUPESH	1	E		6
Q3404-04	MOO-25-0292	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1	E	Small Particles	U1-1
Q3405-01	PAD-10-20-25-A	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B	Concrete	2
Q3405-02	PAD-10-20-25-B	SVOC-PAH	50.08	N/A	Evelyn	RUPESH	1	B	Concrete	3
Q3405-03	PAD-10-20-25-C	SVOC-PAH	50.01	N/A	Evelyn	RUPESH	1	B	Concrete	4
Q3405-04	SW-10-20-25-A	SVOC-PAH	50.04	N/A	Evelyn	RUPESH	1	B	Concrete	5
Q3406-01	ARS20-0037	SVOC-TCL BNA -20	50.07	N/A	Evelyn	RUPESH	1	E		6
Q3409-01	EXCAVATION-AREA-A	SVOC-PAH	50.02	N/A	Evelyn	RUPESH	1	B		U3-1
Q3409-02	EXCAVATION-AREA-B	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B		2
Q3412-01	TP-6	SVOC-TCL BNA -20	50.08	N/A	Evelyn	RUPESH	1	E		3
Q3416-01	NB-08-10212025	SVOC-TCL BNA -20	50.04	N/A	Evelyn	RUPESH	1	E		4

RS
10/22

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

170206
9:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3412 **WorkList ID :** 192609 **Department :** Extraction **Date :** 10-22-2025 09:14:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ICES02	D41	10/20/2025	8270E
Q3404-01	MOO-25-0285-0288	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3404-04	MOO-25-0292	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3405-01	PAD-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-02	PAD-10-20-25-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-03	PAD-10-20-25-C	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-04	SW-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3406-01	ARS20-0037	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-01	EXCAVATION-AREA-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-02	EXCAVATION-AREA-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3412-01	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3416-01	NB-08-10212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/21/2025	8270E

Date/Time 10/22/25 9:50
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: [illegible] SM

Date/Time 10/22/25 10:20
Raw Sample Received by: [illegible] SM
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:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	