284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1626

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q1626-01	CO-32-1
Q1626-02	CO-32-1
Q1626-03	CO-32-1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 3/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1626**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **NILESH PRAJAPATI** **Date:** **03/29/2025**

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LAB CHRONICLE

OrderID:	Q1626	**OrderDate:**	3/21/2025 12:59:00 PM
Client:	Walsh Construction Company II, LLC	**Project:**	Walsh CO-032 Sampling
Contact:	Evelyne Benie Dion Gokan	**Location:**	F11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1626-01	**CO-32-1**	**SOIL**			**03/21/25**			**03/21/25**
			SVOC-TCL BNA -20	8270E		03/24/25	03/24/25	
Q1626-03	**CO-32-1**	**TCLP**			**03/21/25**			**03/21/25**
			TCLP BNA	8270E		03/25/25	03/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**CO-32-1**								
Q1626-01	CO-32-1	SOIL	Phenanthrene		730.000		22	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Anthracene		200.000		35.1	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Carbazole		70.700	J	32.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Fluoranthene		1,400.000		31.6	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Pyrene		850.000	Q	37.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(a)anthracene		660.000		24.2	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Chrysene		580.000		21	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Bis(2-ethylhexyl)phthalate		240.000		62.4	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(b)fluoranthene		790.000		20	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(k)fluoranthene		340.000		23.6	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(a)pyrene		660.000		31.1	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Indeno(1,2,3-cd)pyrene		350.000		30.7	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Dibenzo(a,h)anthracene		100.000	J	28.9	180	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzo(g,h,i)perylene		460.000		27.1	180	ug/Kg
			Total Svoc :		**7,430.70**				
Q1626-01	CO-32-1	SOIL	4H-Cyclopenta[def]phenanthrene	*	270.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzenesulfonamide, N,4-dimethy	*	180.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Benzophenone	*	220.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Biphenylene	*	70.600	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	n-Hexadecanoic acid	*	810.000	J	0	0	ug/Kg
Q1626-01	CO-32-1	SOIL	Octadecanoic acid	*	340.000	J	0	0	ug/Kg
			Total Tics :		**2,990.60**				
			Total Concentration:		**10,421.30**				

QC SUMMARY

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

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167274BL	PB167274BL	2-Fluorophenol	150	146	97		18	112
		Phenol-d6	150	139	93		15	107
		Nitrobenzene-d5	100	99.8	100		18	107
		2-Fluorobiphenyl	100	99.5	100		20	109
		2,4,6-Tribromophenol	150	169	113		10	116
		Terphenyl-d14	100	125	125	*	10	105
PB167274BS	PB167274BS	2-Fluorophenol	150	151	101		18	112
		Phenol-d6	150	147	98		15	107
		Nitrobenzene-d5	100	104	104		18	107
		2-Fluorobiphenyl	100	104	104		20	109
		2,4,6-Tribromophenol	150	184	123	*	10	116
		Terphenyl-d14	100	129	129	*	10	105
Q1626-01	CO-32-1	2-Fluorophenol	150	105	70		18	112
		Phenol-d6	150	94.6	63		15	107
		Nitrobenzene-d5	100	78.7	79		18	107
		2-Fluorobiphenyl	100	85.3	85		20	109
		2,4,6-Tribromophenol	150	112	75		10	116
		Terphenyl-d14	100	61.4	61		10	105
Q1626-01MS	CO-32-1MS	2-Fluorophenol	150	102	68		18	112
		Phenol-d6	150	94.1	63		15	107
		Nitrobenzene-d5	100	77.2	77		18	107
		2-Fluorobiphenyl	100	84.0	84		20	109
		2,4,6-Tribromophenol	150	113	75		10	116
		Terphenyl-d14	100	69.2	69		10	105
Q1626-01MSD	CO-32-1MSD	2-Fluorophenol	150	100	67		18	112
		Phenol-d6	150	92.1	61		15	107
		Nitrobenzene-d5	100	73.8	74		18	107
		2-Fluorobiphenyl	100	78.7	79		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	75.6	76		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1626-01MS		**Client Sample ID: CO-32-1MS**						**DataFile: BF142065.D**			
Benzaldehyde	1800	0	1900	ug/Kg	106	*			10	86	
Phenol	1800	0	1700	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1800	0	1800	ug/Kg	100				54	125	
2-Chlorophenol	1800	0	1800	ug/Kg	100				79	107	
2-Methylphenol	1800	0	1700	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				65	110	
Acetophenone	1800	0	2000	ug/Kg	111				75	111	
3+4-Methylphenols	1800	0	1600	ug/Kg	89				66	104	
N-Nitroso-di-n-propylamine	1800	0	1600	ug/Kg	89				59	119	
Hexachloroethane	1800	0	1700	ug/Kg	94				65	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				70	119	
Isophorone	1800	0	1900	ug/Kg	106				76	122	
2-Nitrophenol	1800	0	1900	ug/Kg	106				54	145	
2,4-Dimethylphenol	1800	0	2500	ug/Kg	139	*			44	135	
bis(2-Chloroethoxy)methane	1800	0	1900	ug/Kg	106				68	112	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				72	118	
Naphthalene	1800	0	1900	ug/Kg	106				72	110	
4-Chloroaniline	1800	0	550	ug/Kg	31				10	91	
Hexachlorobutadiene	1800	0	2000	ug/Kg	111				66	114	
Caprolactam	1800	0	1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800	0	1600	ug/Kg	89				57	132	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3500	0	1400	ug/Kg	40				10	175	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				72	117	
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
1,1-Biphenyl	1800	0	2000	ug/Kg	111				75	113	
2-Chloronaphthalene	1800	0	2000	ug/Kg	111				67	118	
2-Nitroaniline	1800	0	2000	ug/Kg	111				69	127	
Dimethylphthalate	1800	0	2000	ug/Kg	111				70	113	
Acenaphthylene	1800	0	2100	ug/Kg	117				79	118	
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106				70	125	
3-Nitroaniline	1800	0	1500	ug/Kg	83				30	99	
Acenaphthene	1800	0	1800	ug/Kg	100				70	121	
2,4-Dinitrophenol	3500	0	720	ug/Kg	21				10	155	
4-Nitrophenol	3500	0	4000	ug/Kg	114				45	133	
Dibenzofuran	1800	0	1800	ug/Kg	100				72	110	
2,4-Dinitrotoluene	1800	0	1900	ug/Kg	106				55	128	
Diethylphthalate	1800	0	1900	ug/Kg	106				70	112	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				71	108	
Fluorene	1800	0	1900	ug/Kg	106				68	116	
4-Nitroaniline	1800	0	1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800	0	390	ug/Kg	22				10	160	
N-Nitrosodiphenylamine	1800	0	1900	ug/Kg	106				73	118	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				65	121	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				67	118	
Atrazine	1800	0	2300	ug/Kg	128	*			79	127	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3500	0	4300	ug/Kg	123				47	128	
Phenanthrene	1800	730	2600	ug/Kg	104				52	128	
Anthracene	1800	200	2200	ug/Kg	111				62	124	
Carbazole	1800	70.7	2100	ug/Kg	113				59	119	
Di-n-butylphthalate	1800	0	2000	ug/Kg	111				69	118	
Fluoranthene	1800	1400	3300	ug/Kg	106				44	125	
Pyrene	1800	850	2500	ug/Kg	92				26	142	
Butylbenzylphthalate	1800	0	1800	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1800	0	900	ug/Kg	50				33	116	
Benzo(a)anthracene	1800	660	2600	ug/Kg	108				71	114	
Chrysene	1800	580	2500	ug/Kg	107				57	121	
bis(2-Ethylhexyl)phthalate	1800	240	2100	ug/Kg	103				42	169	
Di-n-octyl phthalate	1800	0	2100	ug/Kg	117				23	175	
Benzo(b)fluoranthene	1800	790	2800	ug/Kg	112				67	121	
Benzo(k)fluoranthene	1800	340	2200	ug/Kg	103				57	134	
Benzo(a)pyrene	1800	660	2600	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1800	350	2000	ug/Kg	92				40	129	
Dibenz(a,h)anthracene	1800	100	1700	ug/Kg	89				43	123	
Benzo(g,h,i)perylene	1800	460	2100	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	2100	ug/Kg	117				69	124	
1,4-Dioxane	1800	0	1700	ug/Kg	94				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106				69	112	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1626-01MSD		**Client Sample ID: CO-32-1MSD**						**DataFile:**	**BF142066.D**		
Benzaldehyde	1800	0	1900	ug/Kg	106	*	0		10	86	20
Phenol	1800	0	1700	ug/Kg	94		0		67	126	20
bis(2-Chloroethyl)ether	1800	0	1800	ug/Kg	100		0		54	125	20
2-Chlorophenol	1800	0	1800	ug/Kg	100		0		79	107	20
2-Methylphenol	1800	0	1700	ug/Kg	94		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89		0		65	110	20
Acetophenone	1800	0	1800	ug/Kg	100		10		75	111	20
3+4-Methylphenols	1800	0	1600	ug/Kg	89		0		66	104	20
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83		7		59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89		5		65	117	20
Nitrobenzene	1800	0	1800	ug/Kg	100		6		70	119	20
Isophorone	1800	0	1800	ug/Kg	100		6		76	122	20
2-Nitrophenol	1800	0	1600	ug/Kg	89		17		54	145	20
2,4-Dimethylphenol	1800	0	2400	ug/Kg	133		4		44	135	20
bis(2-Chloroethoxy)methane	1800	0	1800	ug/Kg	100		6		68	112	20
2,4-Dichlorophenol	1800	0	1700	ug/Kg	94		6		72	118	20
Naphthalene	1800	0	1800	ug/Kg	100		6		72	110	20
4-Chloroaniline	1800	0	700	ug/Kg	39		23	*	10	91	20
Hexachlorobutadiene	1800	0	2000	ug/Kg	111		0		66	114	20
Caprolactam	1800	0	1600	ug/Kg	89		0		51	134	20
4-Chloro-3-methylphenol	1800	0	1600	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1800	0	1500	ug/Kg	83		7		59	123	20
Hexachlorocyclopentadiene	3500	0	980	ug/Kg	28		35	*	10	175	20
2,4,6-Trichlorophenol	1800	0	1900	ug/Kg	106		5		72	117	20
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106		0		72	117	20
1,1-Biphenyl	1800	0	1900	ug/Kg	106		5		75	113	20
2-Chloronaphthalene	1800	0	1900	ug/Kg	106		5		67	118	20
2-Nitroaniline	1800	0	2000	ug/Kg	111		0		69	127	20
Dimethylphthalate	1800	0	1800	ug/Kg	100		10		70	113	20
Acenaphthylene	1800	0	2100	ug/Kg	117		0		79	118	20
2,6-Dinitrotoluene	1800	0	1800	ug/Kg	100		6		70	125	20
3-Nitroaniline	1800	0	1800	ug/Kg	100	*	19		30	99	20
Acenaphthene	1800	0	1700	ug/Kg	94		6		70	121	20
2,4-Dinitrophenol	3500	0	440	ug/Kg	13		47	*	10	155	20
4-Nitrophenol	3500	0	4100	ug/Kg	117		3		45	133	20
Dibenzofuran	1800	0	1800	ug/Kg	100		0		72	110	20
2,4-Dinitrotoluene	1800	0	1700	ug/Kg	94		12		55	128	20
Diethylphthalate	1800	0	1800	ug/Kg	100		6		70	112	20
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106		0		71	108	20
Fluorene	1800	0	2000	ug/Kg	111		5		68	116	20
4-Nitroaniline	1800	0	1900	ug/Kg	106		12		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	150	ug/Kg	8	*	93	*	10	160	20
N-Nitrosodiphenylamine	1800	0	1700	ug/Kg	94		12		73	118	20
4-Bromophenyl-phenylether	1800	0	1700	ug/Kg	94		12		65	121	20
Hexachlorobenzene	1800	0	1800	ug/Kg	100		10		67	118	20
Atrazine	1800	0	2100	ug/Kg	117		9		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3500	0	4000	ug/Kg	114		8		47	128	20
Phenanthrene	1800	730	2400	ug/Kg	93		11		52	128	20
Anthracene	1800	200	2000	ug/Kg	100		10		62	124	20
Carbazole	1800	70.7	2000	ug/Kg	107		5		59	119	20
Di-n-butylphthalate	1800	0	1900	ug/Kg	106		5		69	118	20
Fluoranthene	1800	1400	3100	ug/Kg	94		12		44	125	20
Pyrene	1800	850	2600	ug/Kg	97		5		26	142	20
Butylbenzylphthalate	1800	0	2000	ug/Kg	111		10		64	126	20
3,3-Dichlorobenzidine	1800	0	1100	ug/Kg	61		20		33	116	20
Benzo(a)anthracene	1800	660	2500	ug/Kg	102		6		71	114	20
Chrysene	1800	580	2400	ug/Kg	101		6		57	121	20
bis(2-Ethylhexyl)phthalate	1800	240	2100	ug/Kg	103		0		42	169	20
Di-n-octyl phthalate	1800	0	2100	ug/Kg	117		0		23	175	20
Benzo(b)fluoranthene	1800	790	2700	ug/Kg	106		6		67	121	20
Benzo(k)fluoranthene	1800	340	2200	ug/Kg	103		0		57	134	20
Benzo(a)pyrene	1800	660	2600	ug/Kg	108		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	350	2100	ug/Kg	97		5		40	129	20
Dibenz(a,h)anthracene	1800	100	1800	ug/Kg	94		5		43	123	20
Benzo(g,h,i)perylene	1800	460	2100	ug/Kg	91		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111		5		69	124	20
1,4-Dioxane	1800	0	1700	ug/Kg	94		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106		0		69	112	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E **DataFile:** BF142070.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167274BS	Benzaldehyde	1700	600	ug/Kg	35				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	710	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5200	ug/Kg	158				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	950	ug/Kg	56				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E **DataFile:** BF142070.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167274BS	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1800	ug/Kg	106		*		59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	990	ug/Kg	58				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167274BL

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab File ID: BF142069.D Lab Sample ID: PB167274BL

Instrument ID: BNA_F Date Extracted: 03/24/2025

Matrix: (soil/water) SOIL Date Analyzed: 03/25/2025

Level: (low/med) LOW Time Analyzed: 10:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167274BS	PB167274BS	BF142070.D	03/25/2025
CO-32-1	Q1626-01	BF142064.D	03/24/2025
CO-32-1MS	Q1626-01MS	BF142065.D	03/24/2025
CO-32-1MSD	Q1626-01MSD	BF142066.D	03/24/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM SAS No.: Q1626 SDG NO.: Q1626

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

Instrument ID: BNA_F DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

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

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM SAS No.: Q1626 SDG NO.: Q1626

Lab File ID: BF142044.D DFTPP Injection Date: 03/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142045.D	03/24/2025	10:17
CO-32-1	Q1626-01	BF142064.D	03/24/2025	19:53
CO-32-1MS	Q1626-01MS	BF142065.D	03/24/2025	20:22
CO-32-1MSD	Q1626-01MSD	BF142066.D	03/24/2025	20:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM SAS No.: Q1626 SDG NO.: Q1626

Lab File ID: BF142067.D DFTPP Injection Date: 03/25/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.1
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.5
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	39.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142068.D	03/25/2025	10:09
PB167274BL	PB167274BL	BF142069.D	03/25/2025	10:39
PB167274BS	PB167274BS	BF142070.D	03/25/2025	11:09

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/24/2025

Lab File ID: BF142045.D Time Analyzed: 10:17

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	161989	6.875	619308	8.16	352913	9.91
	UPPER LIMIT	323978	7.375	1238620	8.657	705826	10.41
	LOWER LIMIT	80994.5	6.375	309654	7.657	176457	9.41
	EPA SAMPLE NO.						
01	CO-32-1	116014	6.88	398449	8.16	182155	9.91
02	CO-32-1MS	114525	6.88	389746	8.16	183781	9.91
03	CO-32-1MSD	101511	6.88	357350	8.16	170553 *	9.91

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/24/2025

Lab File ID: BF142045.D Time Analyzed: 10:17

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	604220	11.398	331741	14.039	322359	15.51
	UPPER LIMIT	1208440	11.898	663482	14.539	644718	16.01
	LOWER LIMIT	302110	10.898	165871	13.539	161180	15.01
	EPA SAMPLE NO.						
01	CO-32-1	306975	11.39	317887	14.04	212254	15.52
02	CO-32-1MS	306039	11.40	273085	14.05	196549	15.52
03	CO-32-1MSD	324399	11.40	259606	14.05	186036	15.52

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	160336	6.875	599217	8.16	347065	9.91
	UPPER LIMIT	320672	7.375	1198430	8.657	694130	10.41
	LOWER LIMIT	80168	6.375	299609	7.657	173533	9.41
	EPA SAMPLE NO.						
01	PB167274BL	136368	6.88	549780	8.15	317708	9.91
02	PB167274BS	129139	6.88	522093	8.16	302608	9.91

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/25/2025

Lab File ID: BF142068.D Time Analyzed: 10:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	578583	11.398	306767	14.033	312865	15.51
	UPPER LIMIT	1157170	11.898	613534	14.533	625730	16.01
	LOWER LIMIT	289292	10.898	153384	13.533	156433	15.01
	EPA SAMPLE NO.						
01	PB167274BL	598292	11.39	346843	14.03	240104	15.51
02	PB167274BS	543533	11.40	302856	14.03	273867	15.50

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.

SAMPLE DATA

Raw Data: **BF142064.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	350	ug/Kg
108-95-2	Phenol	23.3	U	23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.6	U	25.6	180	ug/Kg
95-57-8	2-Chlorophenol	25.7	U	25.7	180	ug/Kg
95-48-7	2-Methylphenol	31.5	U	31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.5	U	39.5	180	ug/Kg
98-86-2	Acetophenone	31.1	U	31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.3	U	43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.0	U	50.0	84.3	ug/Kg
67-72-1	Hexachloroethane	18.5	U	18.5	180	ug/Kg
98-95-3	Nitrobenzene	19.3	U	19.3	180	ug/Kg
78-59-1	Isophorone	34.6	U	34.6	180	ug/Kg
88-75-5	2-Nitrophenol	61.3	U	61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.3	U	68.3	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.5	U	32.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	29.8	U	29.8	180	ug/Kg
91-20-3	Naphthalene	23.9	U	23.9	180	ug/Kg
106-47-8	4-Chloroaniline	37.3	U	37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.7	U	26.7	180	ug/Kg
105-60-2	Caprolactam	54.9	U	54.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.2	U	30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.0	U	27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20.9	U	20.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.7	U	30.7	180	ug/Kg
92-52-4	1,1-Biphenyl	23.0	U	23.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.7	U	23.7	180	ug/Kg
88-74-4	2-Nitroaniline	50.7	U	50.7	180	ug/Kg
131-11-3	Dimethylphthalate	28.6	U	28.6	180	ug/Kg

Raw Data: **BF142064.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	30.5	U	30.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.4	U	35.4	180	ug/Kg
99-09-2	3-Nitroaniline	48.5	U	48.5	180	ug/Kg
83-32-9	Acenaphthene	22.4	UQ	22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	23.9	U	23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.8	U	52.8	180	ug/Kg
84-66-2	Diethylphthalate	29.8	U	29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.1	U	28.1	180	ug/Kg
86-73-7	Fluorene	26.7	U	26.7	180	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	34.7	U	34.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.3	U	29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	26.7	UQ	26.7	180	ug/Kg
1912-24-9	Atrazine	35.8	U	35.8	180	ug/Kg
87-86-5	Pentachlorophenol	54.1	U	54.1	350	ug/Kg
85-01-8	Phenanthrene	730		22.0	180	ug/Kg
120-12-7	Anthracene	200		35.1	180	ug/Kg
86-74-8	Carbazole	70.7	J	32.9	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	180	ug/Kg
206-44-0	Fluoranthene	1400		31.6	180	ug/Kg
129-00-0	Pyrene	850	Q	37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.2	U	75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38.7	U	38.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	660		24.2	180	ug/Kg
218-01-9	Chrysene	580		21.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		62.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	91.5	U	91.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		20.0	180	ug/Kg

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	340		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	660		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		30.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	28.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.0	U	27.0	180	ug/Kg
123-91-1	1,4-Dioxane	47.6	U	47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	28.9	U	28.9	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	94.6		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.7		18 - 107	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.3		20 - 109	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		10 - 116	75%	SPK: 150
1718-51-0	Terphenyl-d14	61.4		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	116000	6.875			
1146-65-2	Naphthalene-d8	398000	8.157			
15067-26-2	Acenaphthene-d10	182000	9.91			
1517-22-2	Phenanthrene-d10	307000	11.392			
1719-03-5	Chrysene-d12	318000	14.039			
1520-96-3	Perylene-d12	212000	15.515			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J		2.14	ug/Kg
000259-79-0	Biphenylene	70.6	J		9.77	ug/Kg
000119-61-9	Benzophenone	220	J		10.6	ug/Kg
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	180	J		10.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	810	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J		12.0	ug/Kg
000057-11-4	Octadecanoic acid	340	J		12.7	ug/Kg

Raw Data: **BF142064.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142064.D	1	03/24/25 08:15	03/24/25 19:53	PB167274

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

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

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

Sample Results: **BF142064.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

Quant Time: Mar 24 21:02:08 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	116014	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	398449	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	182155	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	306975	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	317887	20.000	ng		0.00
86) Perylene-d12	15.515	264	212254	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	727995	104.728	ng		0.00
7) Phenol-d6	6.498	99	837047	94.576	ng		0.00
23) Nitrobenzene-d5	7.434	82	556905	78.656	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	258384	111.812	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1021571	85.291	ng		-0.01
79) Terphenyl-d14	12.980	244	1319807	61.383	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.422	178	342983	20.686	ng		99
72) Anthracene	11.469	178	94213	5.664	ng		99
73) Carbazole	11.627	167	28870	2.012	ng		94
75) Fluoranthene	12.610	202	717968	40.821	ng		99
78) Pyrene	12.839	202	661927	24.072	ng		98
81) Benzo(a)anthracene	14.027	228	394783	18.925	ng		95
83) Chrysene	14.063	228	311853	16.492	ng		96
84) Bis(2-ethylhexyl)phtha...	14.015	149	102882	6.933	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	136796	9.963	ng	#	92
88) Benzo(b)fluoranthene	15.080	252	327231m	22.495	ng		
89) Benzo(k)fluoranthene	15.098	252	119682m	9.614	ng		
90) Benzo(a)pyrene	15.451	252	215459	18.929	ng	#	92
91) Dibenzo(a,h)anthracene	17.009	278	33040	2.917	ng	#	76
92) Benzo(g,h,i)perylene	17.451	276	145375	12.986	ng		98

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

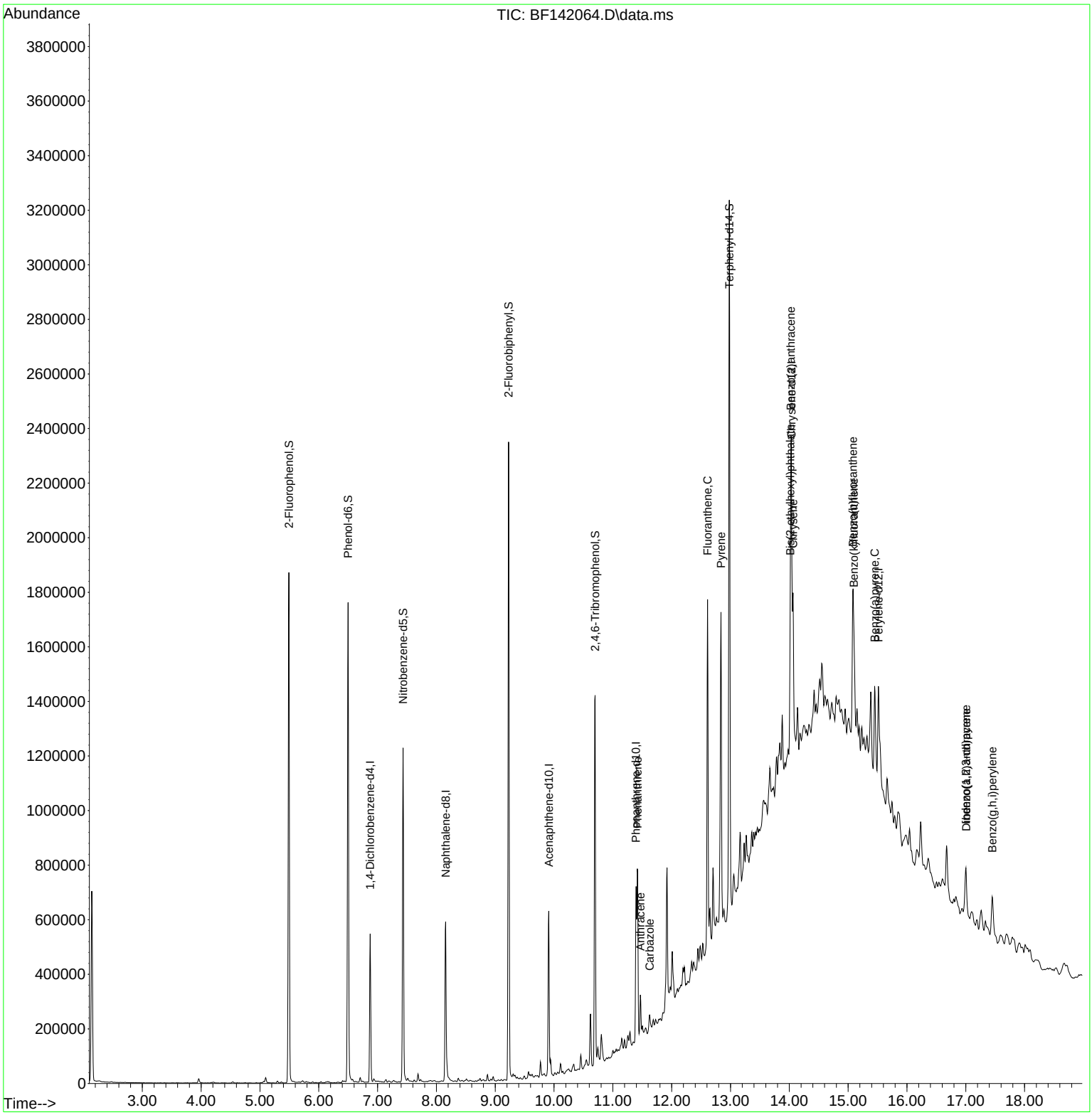
Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

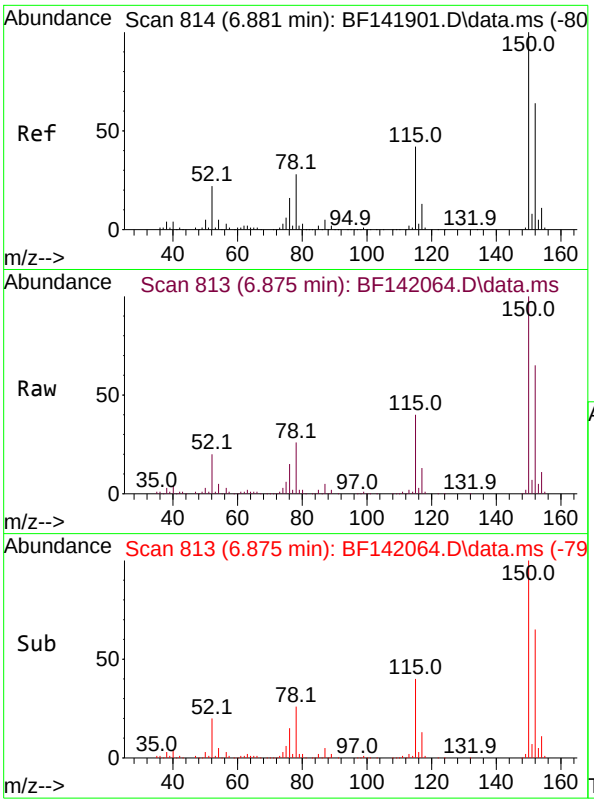
Quant Time: Mar 24 21:02:08 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

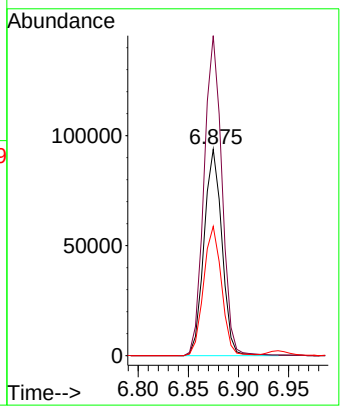




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:152 Resp: 116014

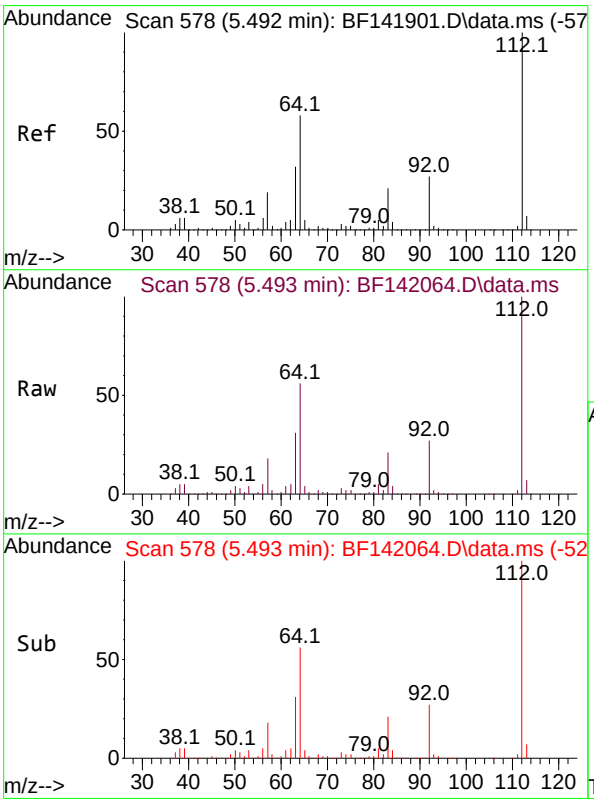
Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.2
115	62.6	51.9	77.9



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
APPROVED

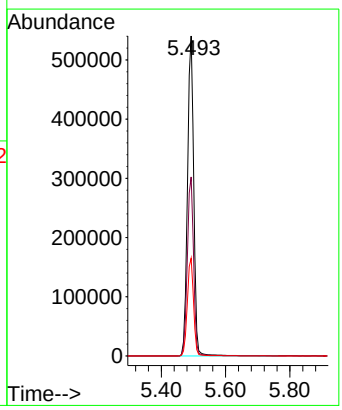
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

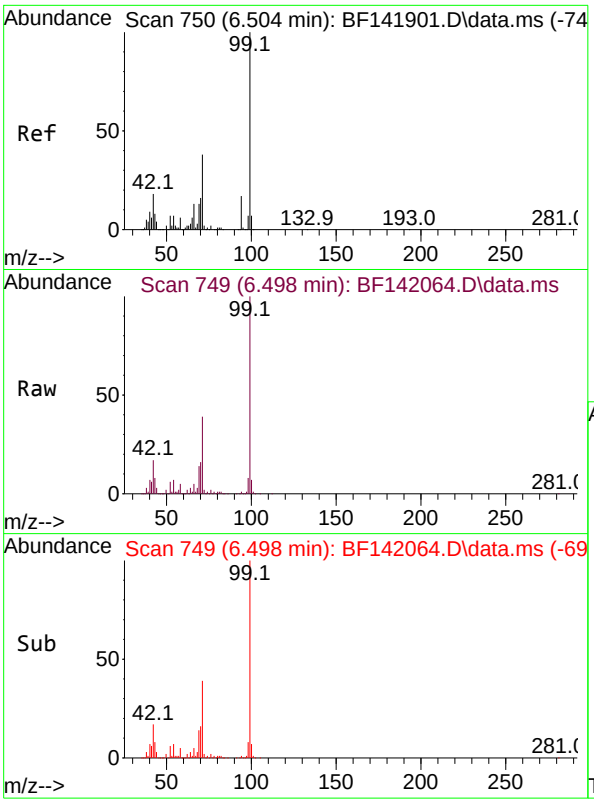


#5
2-Fluorophenol
Concen: 104.728 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:112 Resp: 727995

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.5	69.7
63	30.5	25.4	38.2

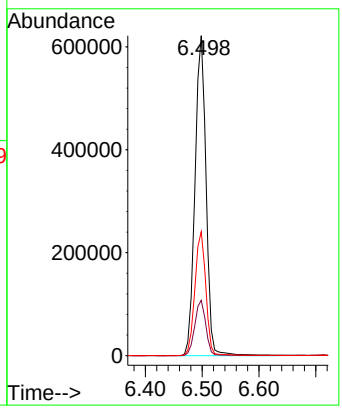




#7
Phenol-d6
Concen: 94.576 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion: 99 Resp: 83704

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	38.7	30.8	46.2



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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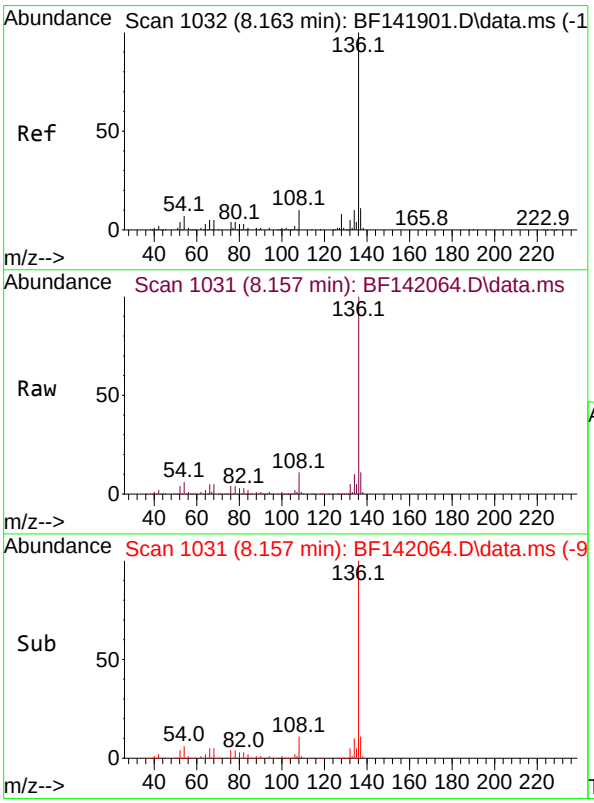
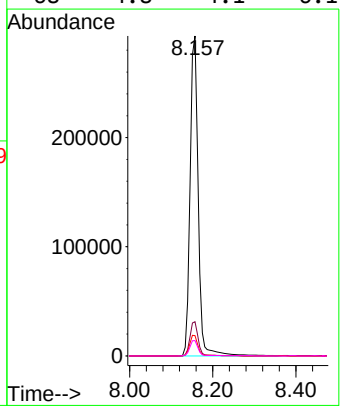
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

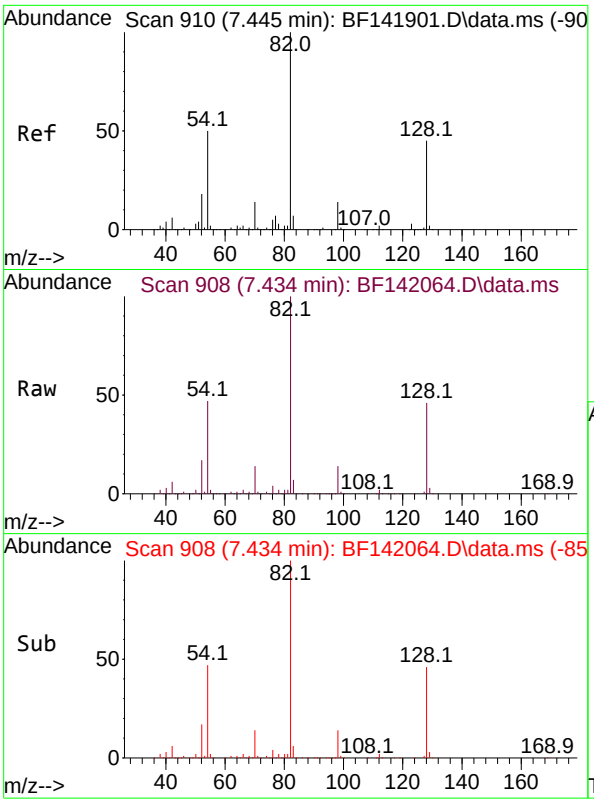


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:136 Resp: 398449

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.3	5.8	8.8
68	4.8	4.1	6.1

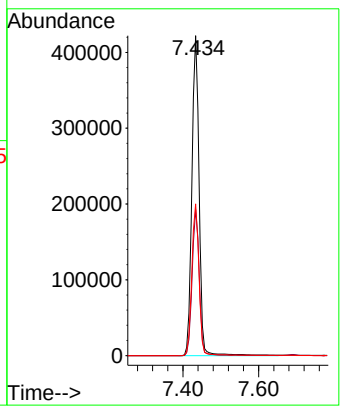




#23
Nitrobenzene-d5
Concen: 78.656 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion: 82 Resp: 55690

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.0	54.0
54	47.4	39.6	59.4



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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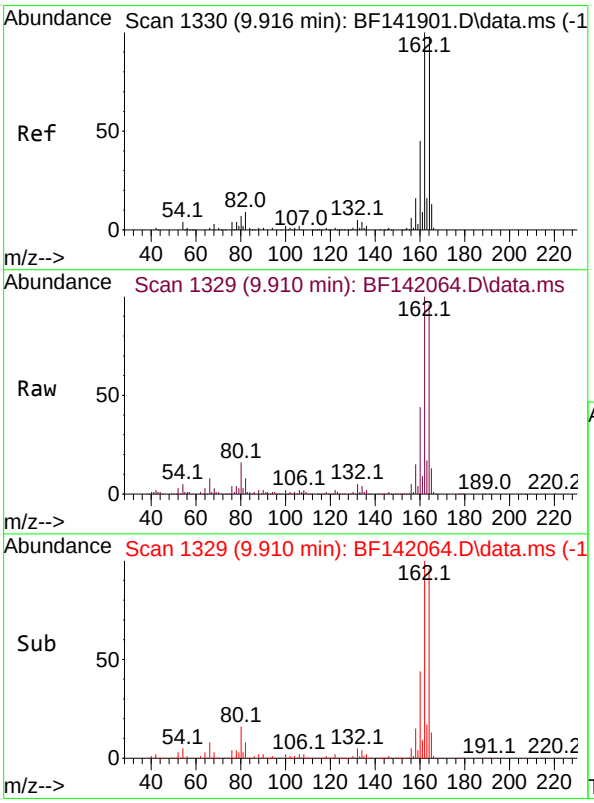
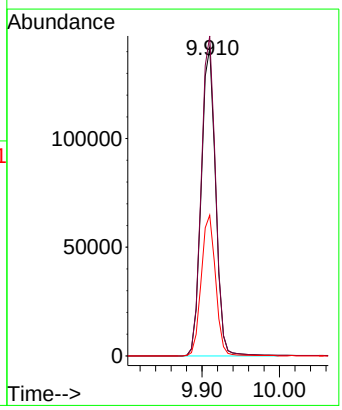
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

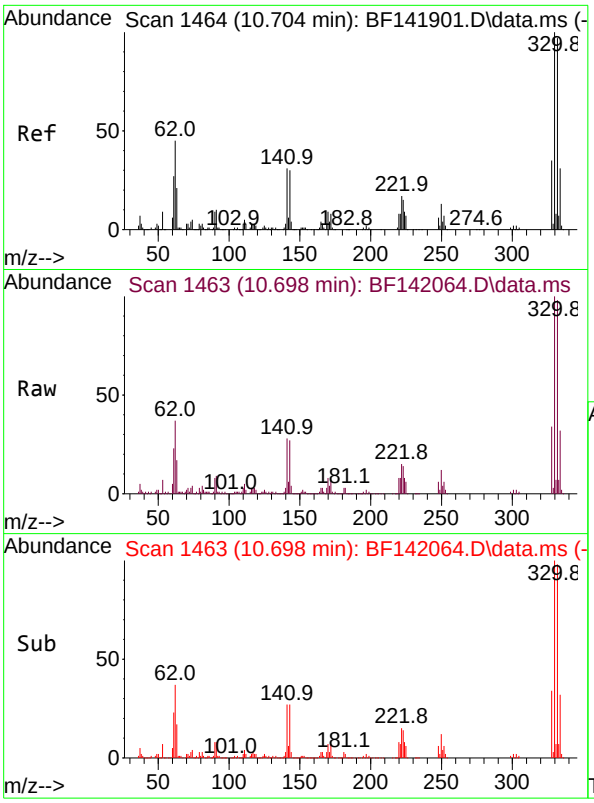


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:164 Resp: 182155

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	45.7	36.7	55.1

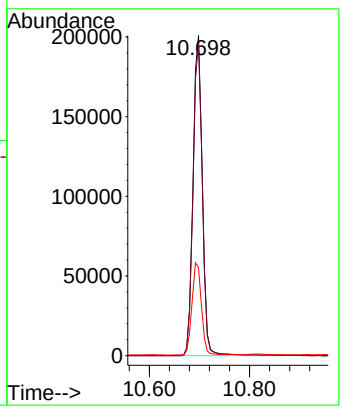




#42
2,4,6-Tribromophenol
Concen: 111.812 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:330 Resp: 25838

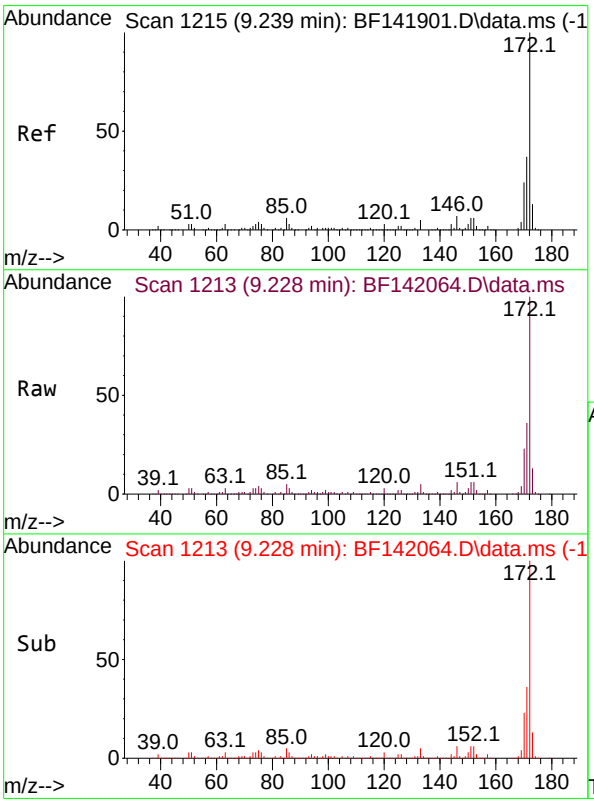
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	29.6	24.7	37.1



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
APPROVED

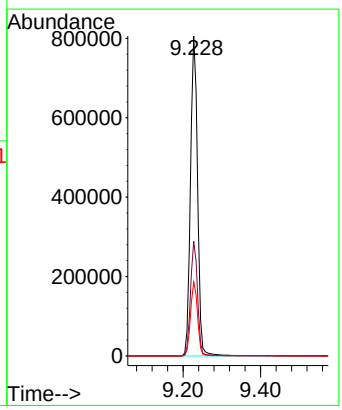
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

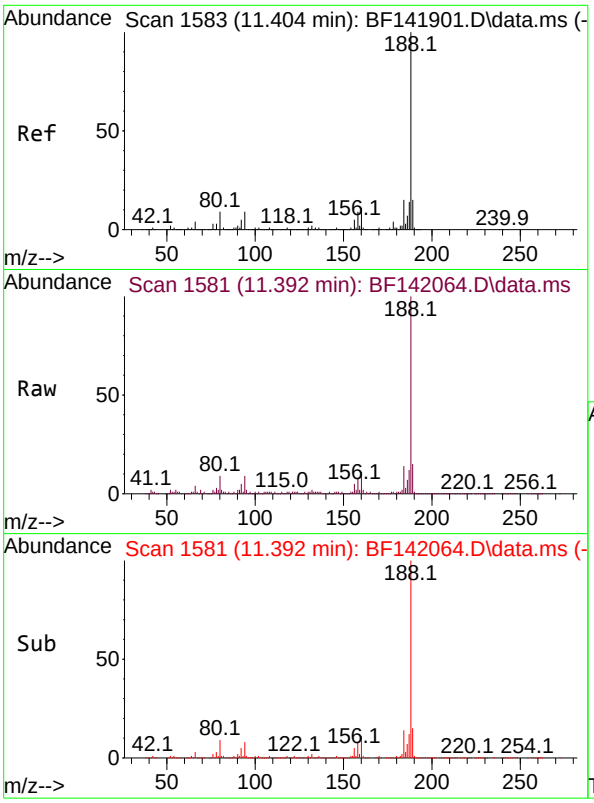


#45
2-Fluorobiphenyl
Concen: 85.291 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:172 Resp: 1021571

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.1	19.4	29.0

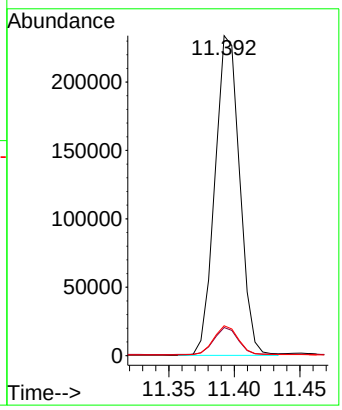




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:188 Resp: 30697

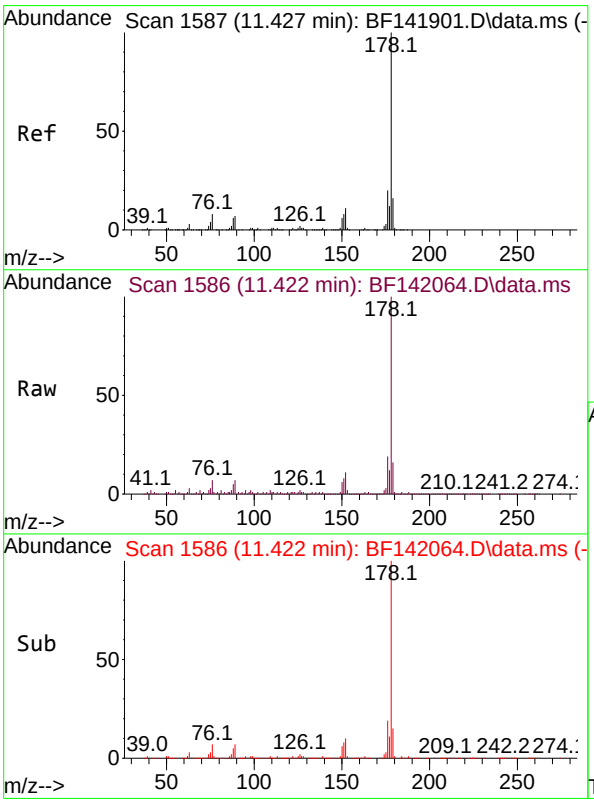
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.3	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
APPROVED

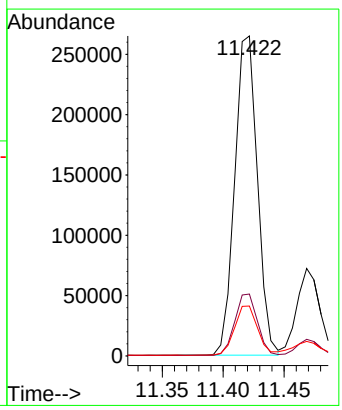
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

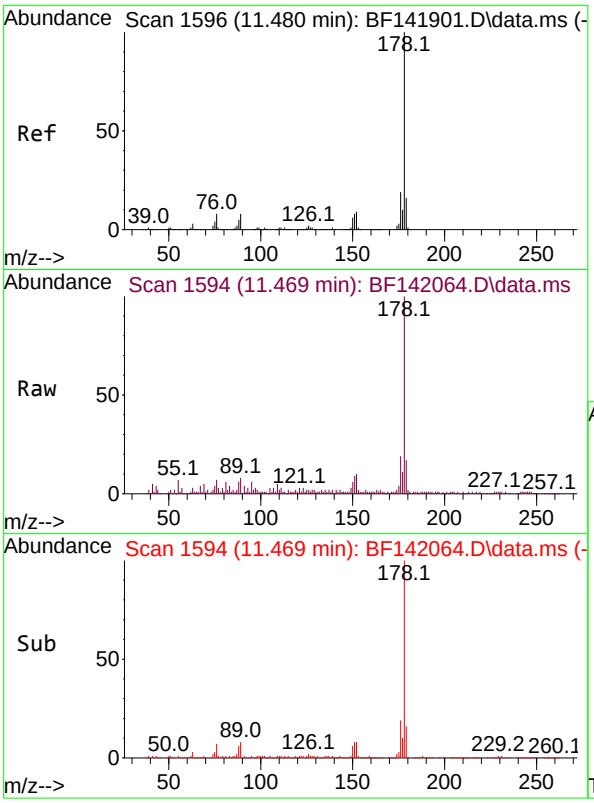


#71
Phenanthrene
Concen: 20.686 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:178 Resp: 342983

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.6	19.0

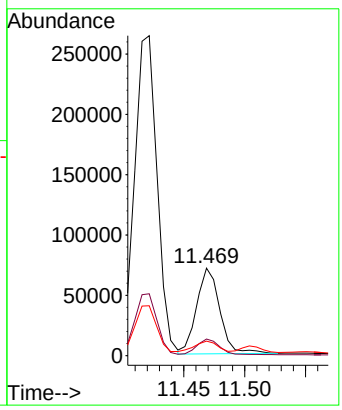




#72
Anthracene
Concen: 5.664 ng
RT: 11.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:178 Resp: 9421

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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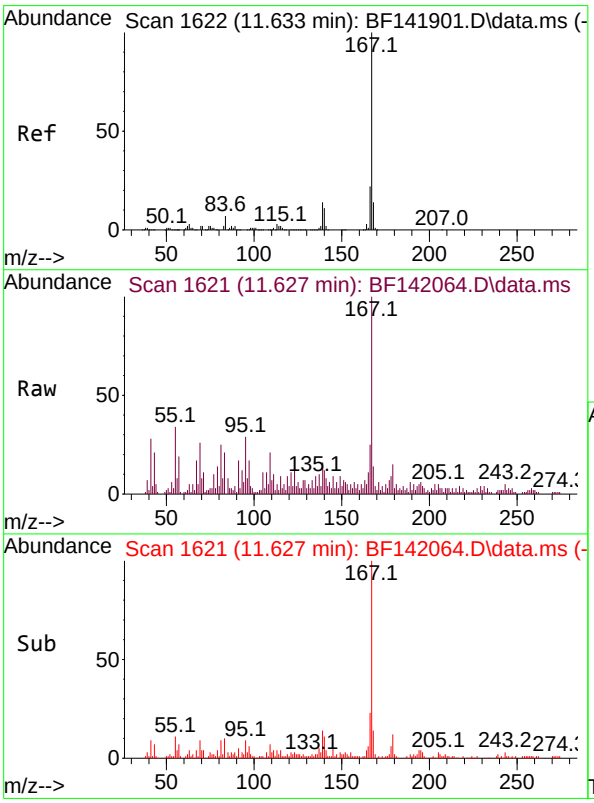
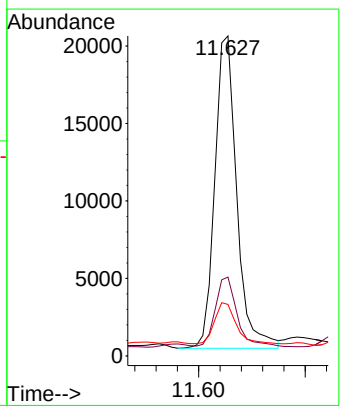
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

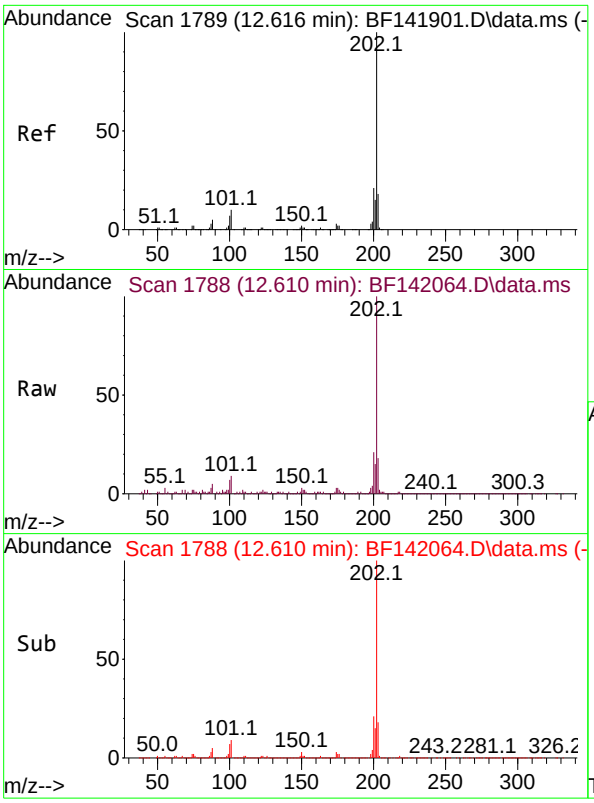


#73
Carbazole
Concen: 2.012 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:167 Resp: 28870

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.4	26.2
139	16.1	11.0	16.6

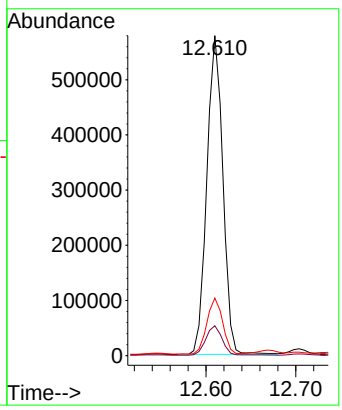




#75
Fluoranthene
Concen: 40.821 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:202 Resp: 71796

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.7
203	18.0	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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Reviewed By :Anahy Claudio 03/25/2025
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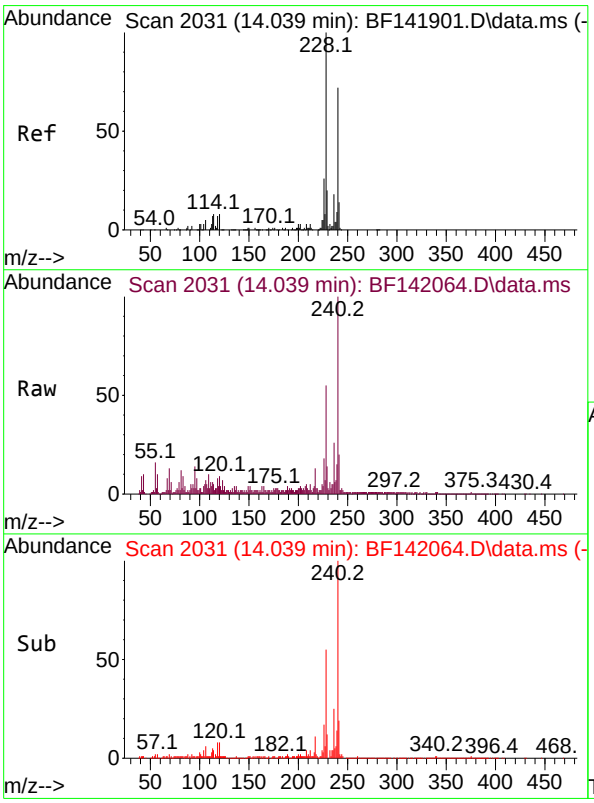
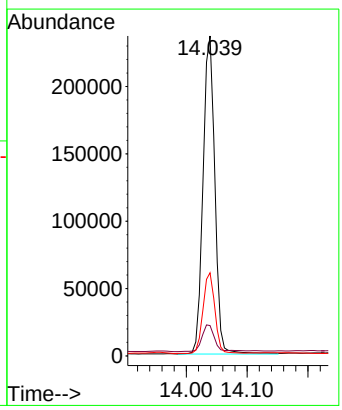
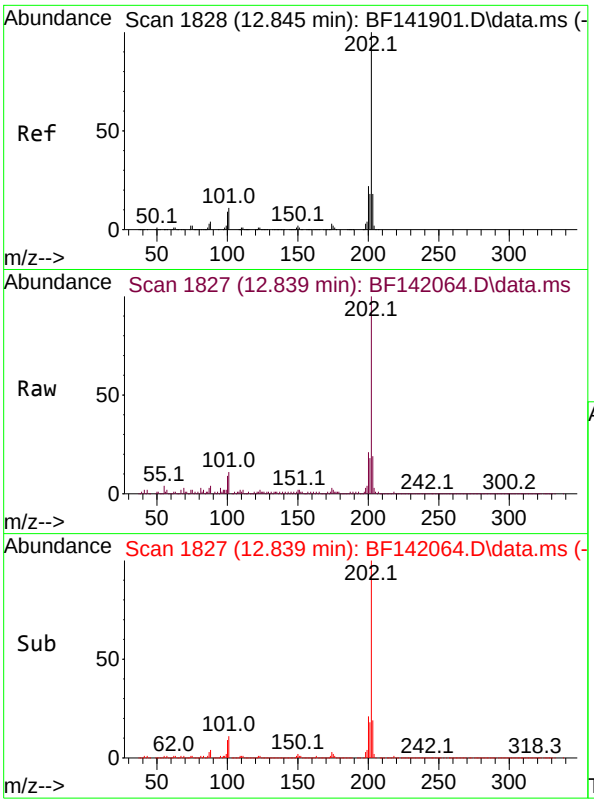


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:240 Resp: 317887

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.0	20.5	30.7

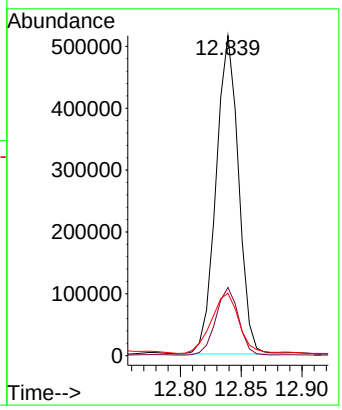




#78
Pyrene
Concen: 24.072 ng
RT: 12.839 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:202 Resp: 66192

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	19.5	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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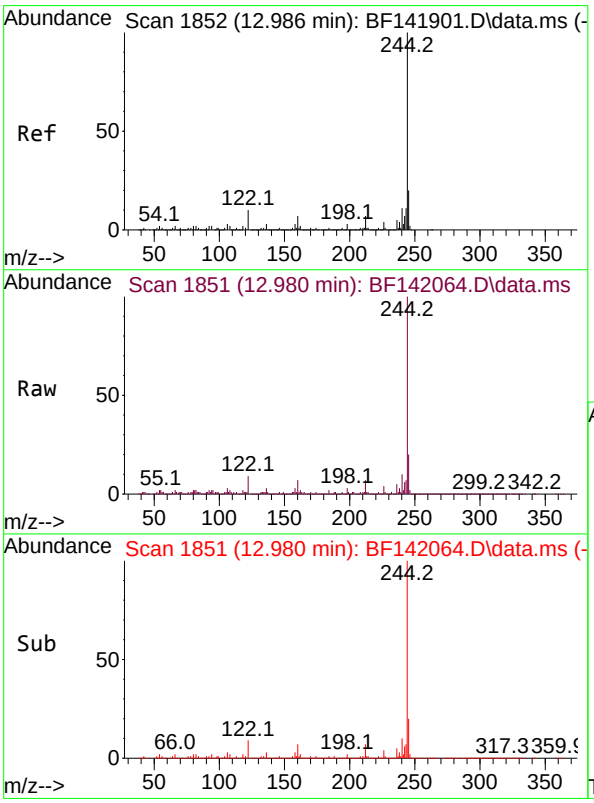
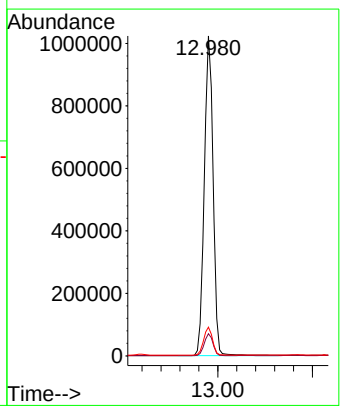
Reviewed By :Anahy Claudio 03/25/2025
Supervised By :Jagrut Upadhyay 03/25/2025

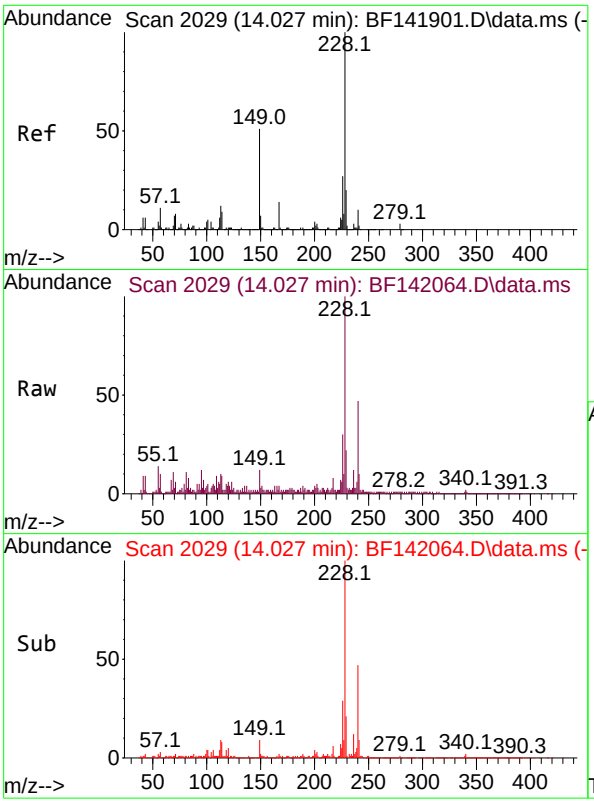


#79
Terphenyl-d14
Concen: 61.383 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:244 Resp: 1319807

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.0	7.7	11.5

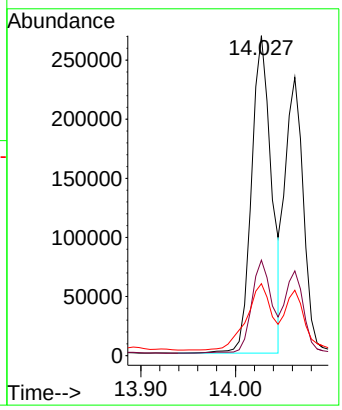




#81
Benzo(a)anthracene
Concen: 18.925 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:228 Resp: 39478

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.8
229	22.5	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
CO-32-1

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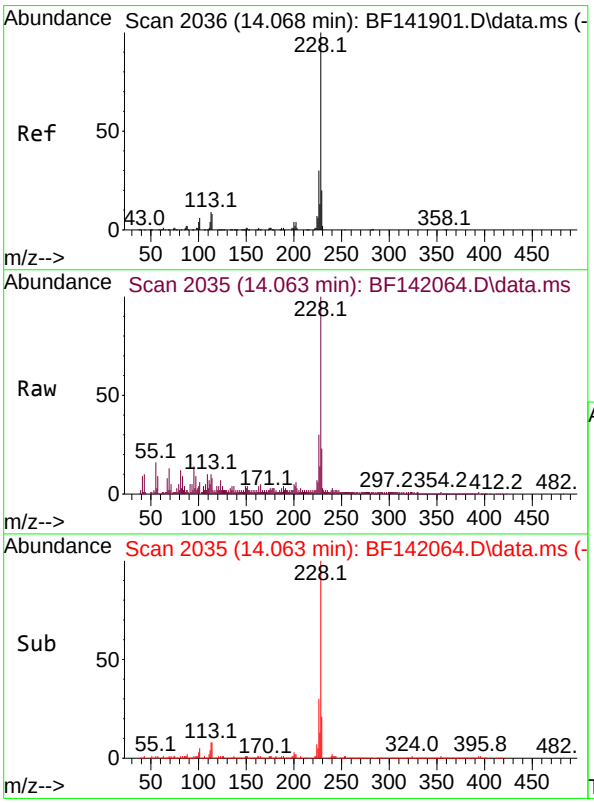
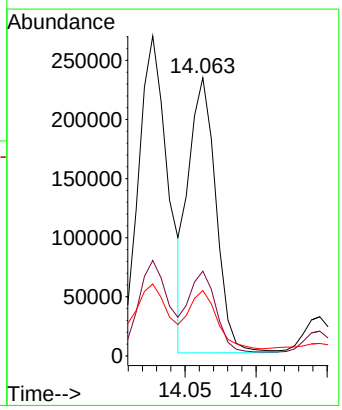
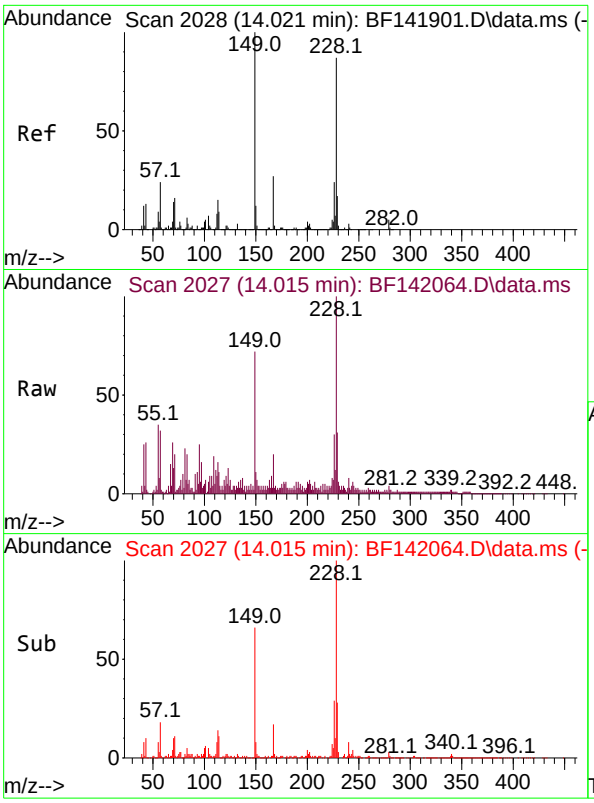


#83
Chrysene
Concen: 16.492 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:228 Resp: 311853

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	23.5	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.933 ng
RT: 14.015 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Tgt Ion:149 Resp: 10288

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.4	32.0
279	6.2	3.8	5.6#

Manual Integrations
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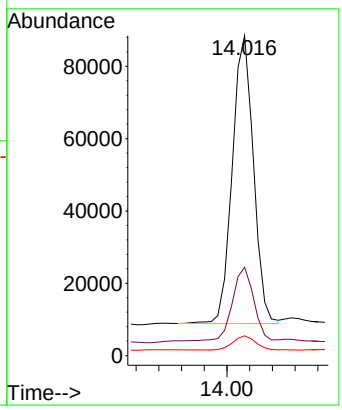
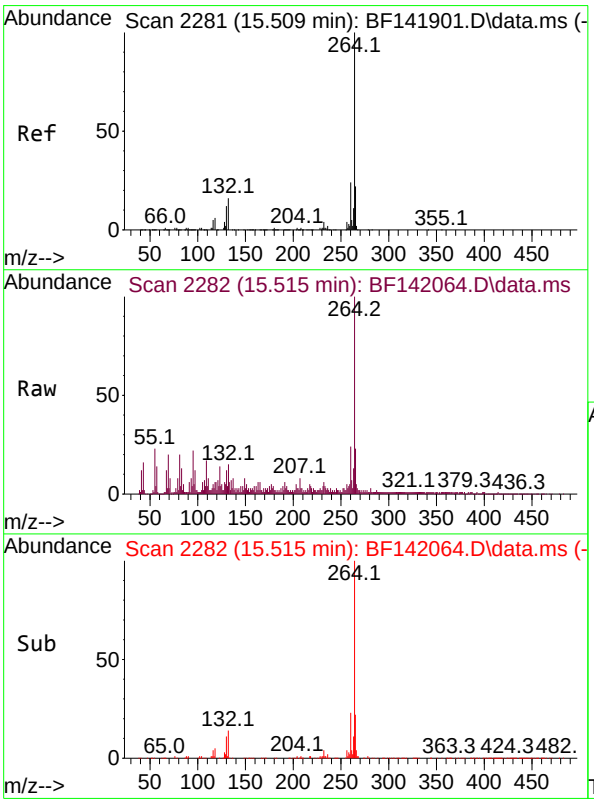
Supervised By :Jagrut Upadhyay 03/25/2025

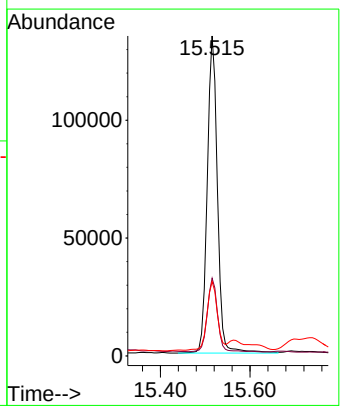


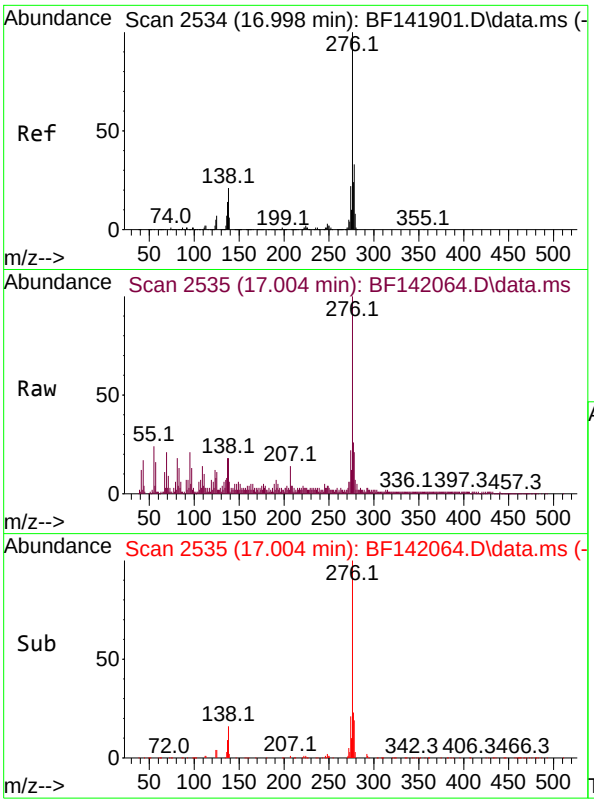


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:264 Resp: 212254

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	23.2	17.5	26.3

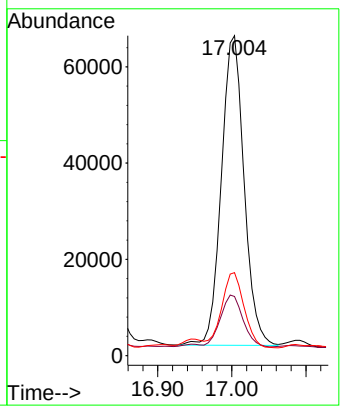




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.963 ng
RT: 17.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:276 Resp: 13679

Ion	Ratio	Lower	Upper
276	100		
138	16.6	18.4	27.6#
277	24.0	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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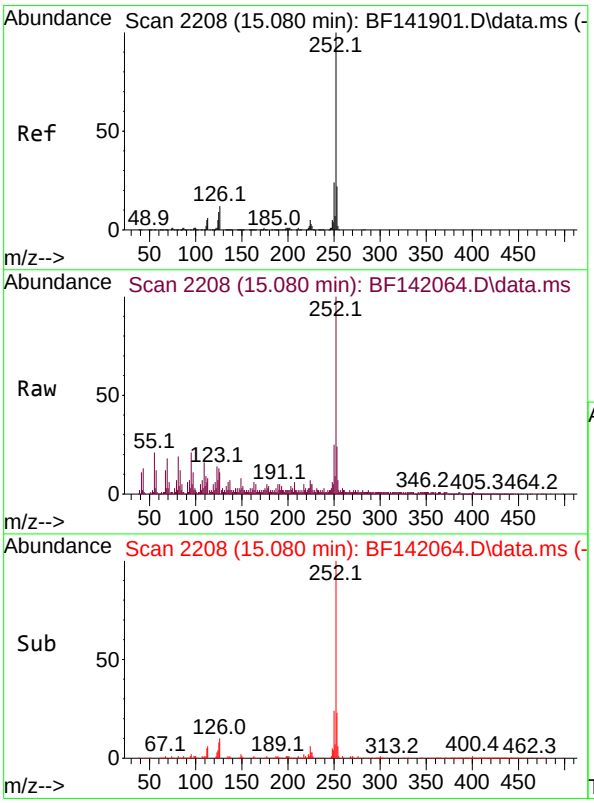
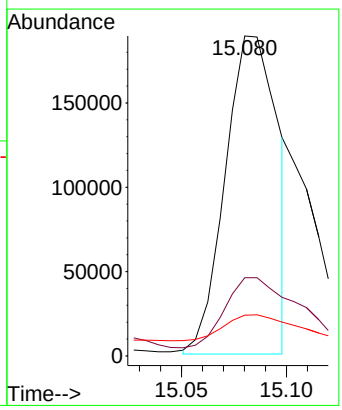
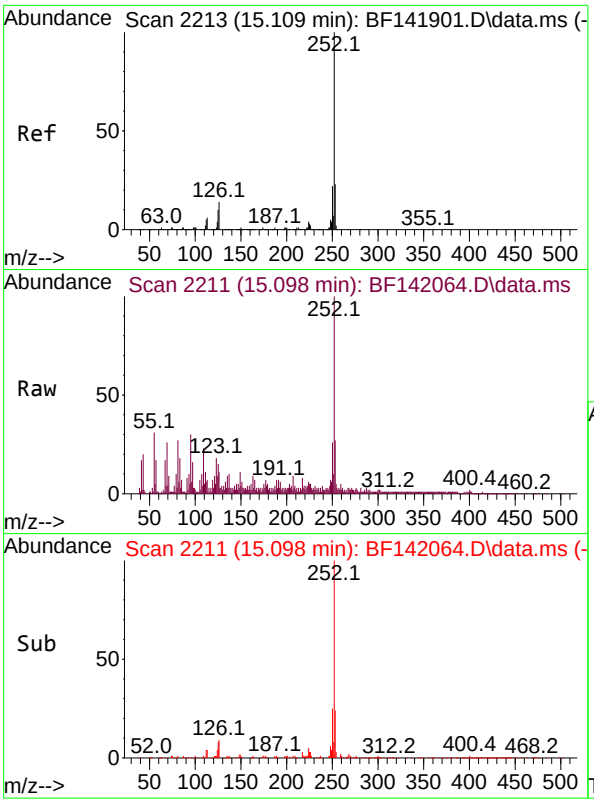


#88
Benzo(b)fluoranthene
Concen: 22.495 ng m
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:252 Resp: 327231

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	12.7	7.0	10.4#





#89
Benzo(k)fluoranthene
Concen: 9.614 ng m
RT: 15.098 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:252 Resp: 11968

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.7	26.5#
125	15.5	7.2	10.8#

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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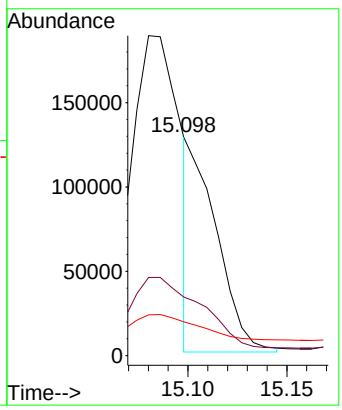
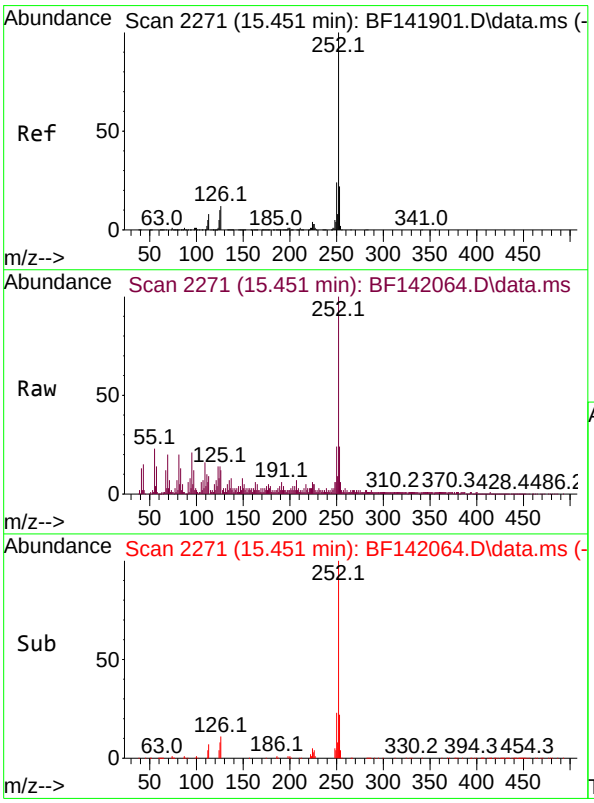
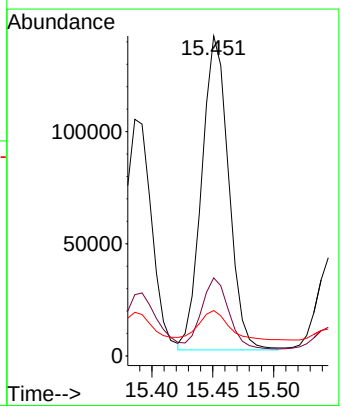


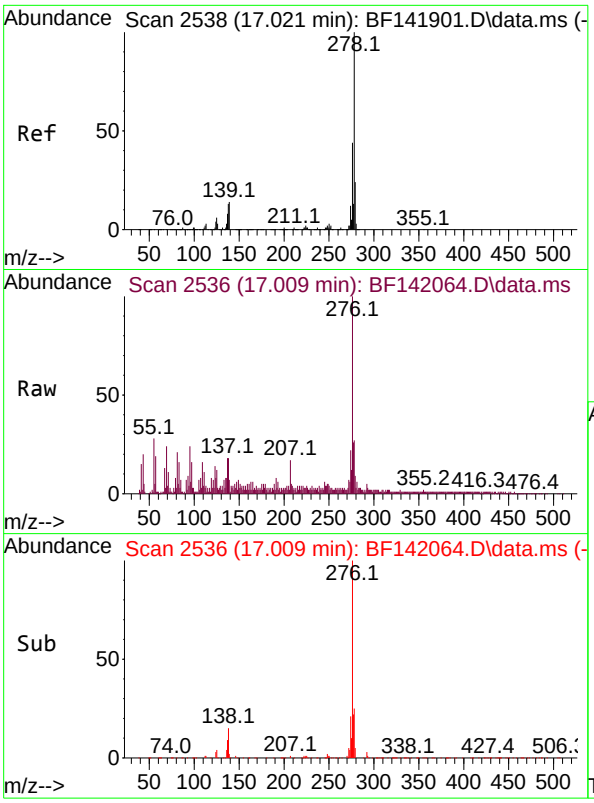


#90
Benzo(a)pyrene
Concen: 18.929 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:252 Resp: 215459

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	14.2	7.8	11.8#

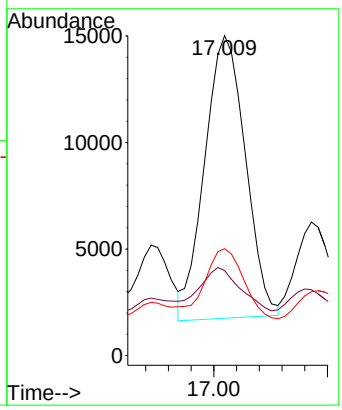




#91
Dibenzo(a,h)anthracene
Concen: 2.917 ng
RT: 17.009 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:278 Resp: 3304

Ion	Ratio	Lower	Upper
278	100		
139	26.6	11.4	17.2
279	33.4	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
CO-32-1

Manual Integrations
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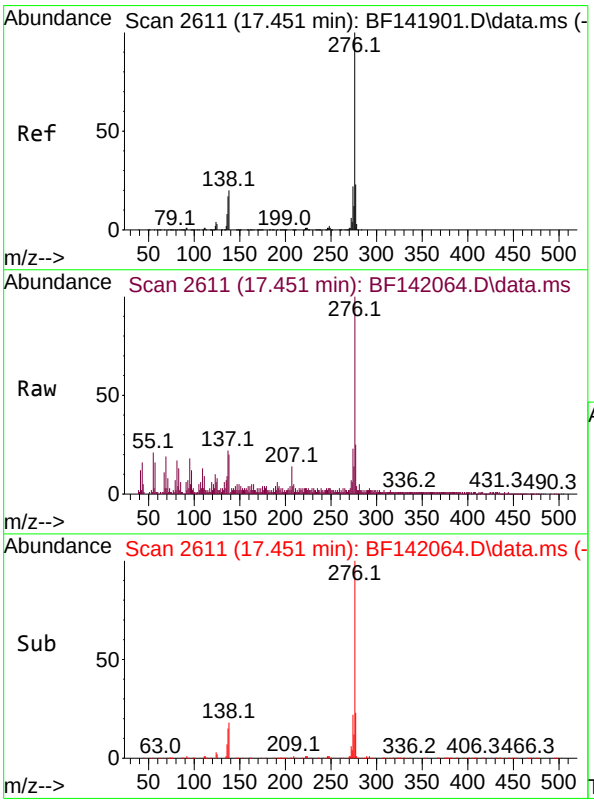
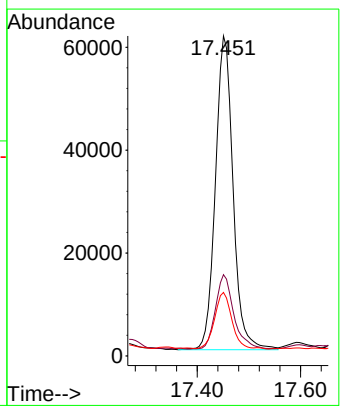
Supervised By :Jagrut Upadhyay 03/25/2025



#92
Benzo(g,h,i)perylene
Concen: 12.986 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF142064.D
Acq: 24 Mar 2025 19:53

Tgt Ion:276 Resp: 145375

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.7	28.1
138	19.8	15.8	23.8



Sample Results: **BF142064.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

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

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

Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	17	rVB	695207	1094443	32.34%	3.830%
2	5.493	566	578	591	rBV	1870734	2519321	74.44%	8.817%
3	6.498	743	749	760	rBV	1755322	2373136	70.12%	8.306%
4	6.875	808	813	820	rBV	544064	678389	20.04%	2.374%
5	7.434	899	908	913	rBV	1225183	1587781	46.91%	5.557%
6	7.687	946	951	956	rBV	28461	39697	1.17%	0.139%
7	8.157	1024	1031	1053	rVB	584835	879983	26.00%	3.080%
8	9.228	1207	1213	1223	rBV	2339572	2942080	86.93%	10.297%
9	9.769	1300	1305	1310	rBV	56770	80965	2.39%	0.283%
10	9.910	1322	1329	1333	rBV	604548	806066	23.82%	2.821%
11	9.939	1333	1334	1342	rVB	59598	60851	1.80%	0.213%
12	10.110	1359	1363	1367	rBV2	35711	50915	1.50%	0.178%
13	10.333	1395	1401	1405	rBV3	26862	49569	1.46%	0.173%
14	10.457	1418	1422	1428	rBV	53290	74334	2.20%	0.260%
15	10.622	1445	1450	1455	rVB	190901	252722	7.47%	0.885%
16	10.698	1457	1463	1468	rBV	1356946	1825806	53.95%	6.390%
17	10.745	1468	1471	1476	rVV	56068	93875	2.77%	0.329%
18	10.804	1477	1481	1490	rVB2	98879	192772	5.70%	0.675%
19	11.398	1577	1582	1583	rBV	569935	745654	22.03%	2.610%
20	11.416	1583	1585	1590	rVV	616237	770800	22.77%	2.698%
21	11.469	1591	1594	1598	rVV	137592	168069	4.97%	0.588%
22	11.922	1664	1671	1677	rBV3	512391	855635	25.28%	2.995%
23	12.010	1683	1686	1694	rVB2	168971	290097	8.57%	1.015%
24	12.610	1784	1788	1792	rBV	1258544	1557106	46.01%	5.450%
25	12.704	1801	1804	1811	rBV2	242130	358514	10.59%	1.255%
26	12.839	1821	1827	1832	rBV	1122017	1625474	48.03%	5.689%
27	12.980	1846	1851	1858	rVB	2582861	3384566	100.00%	11.846%
28	14.033	2024	2030	2033	rBV3	1136459	2149546	63.51%	7.523%
29	15.086	2205	2209	2217	rVB	503506	1064119	31.44%	3.724%

Sum of corrected areas: 28572285

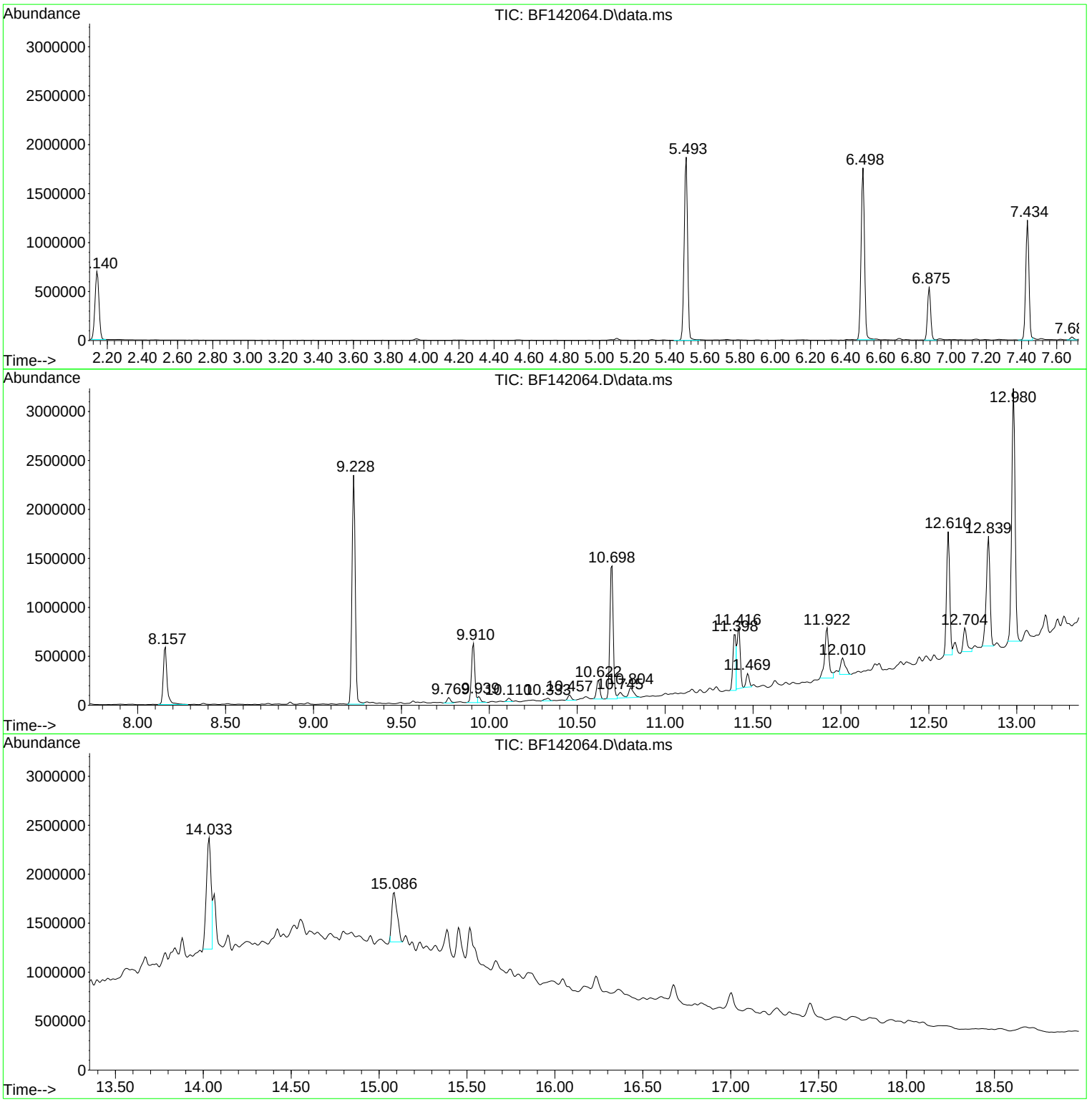
Sample Results: **BF142064.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

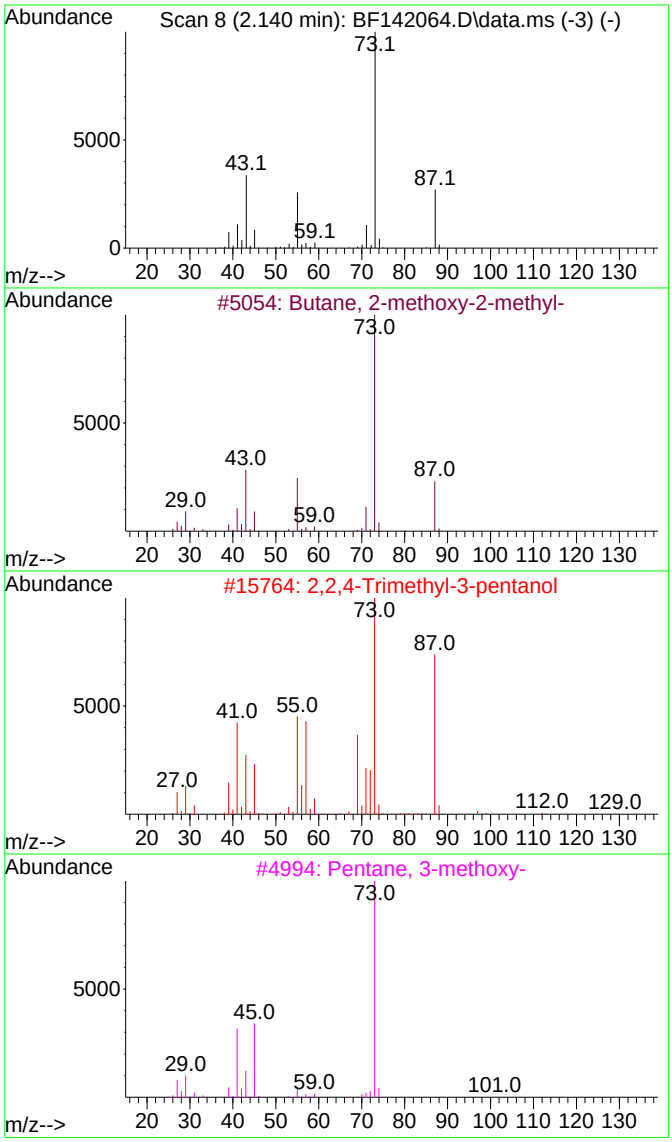
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

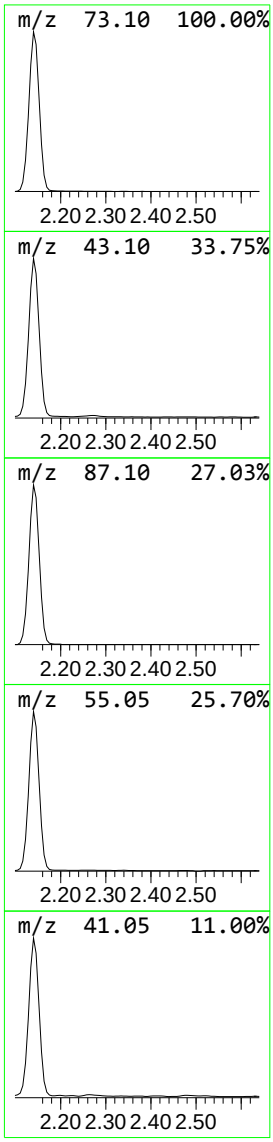
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	32.27 ng	1094440	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

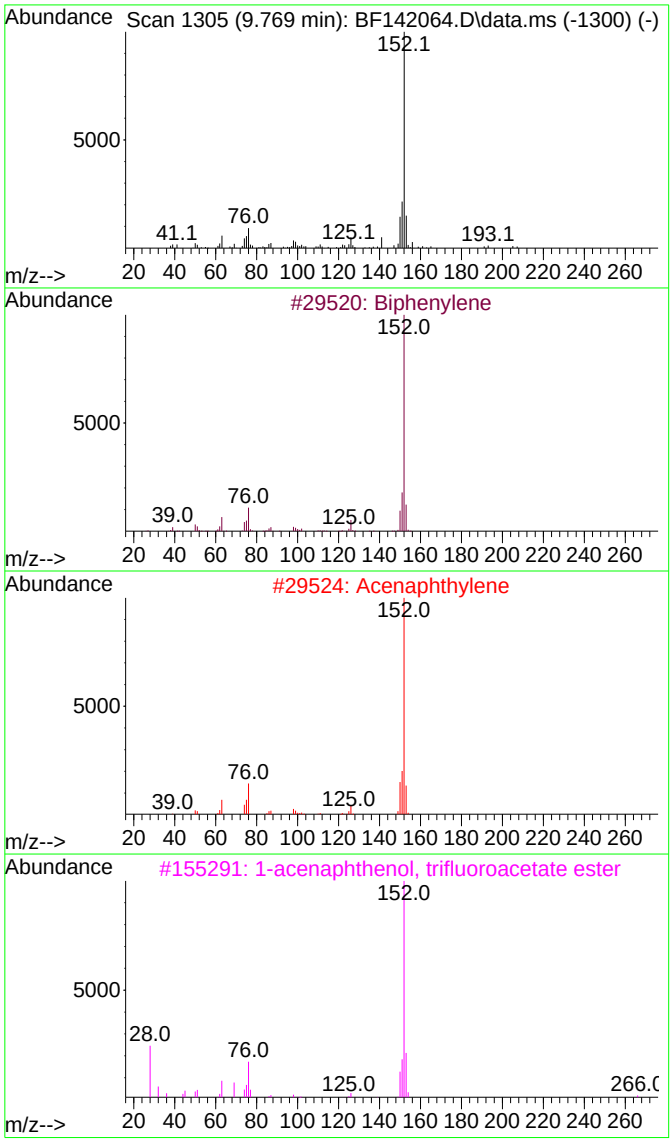
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

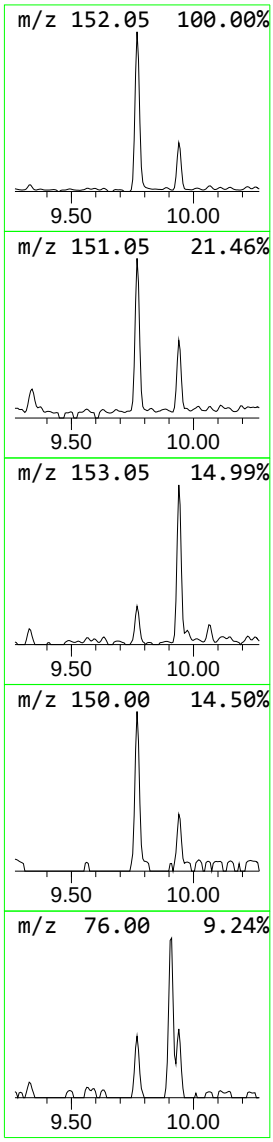
****

Peak Number 2 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	2.01 ng	80965	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	91
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	72
4	6-Fluoro[1,2,4]triazolo[1,5-a]py...	152	C6H5FN4	1245644-40-9	53
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	50





Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

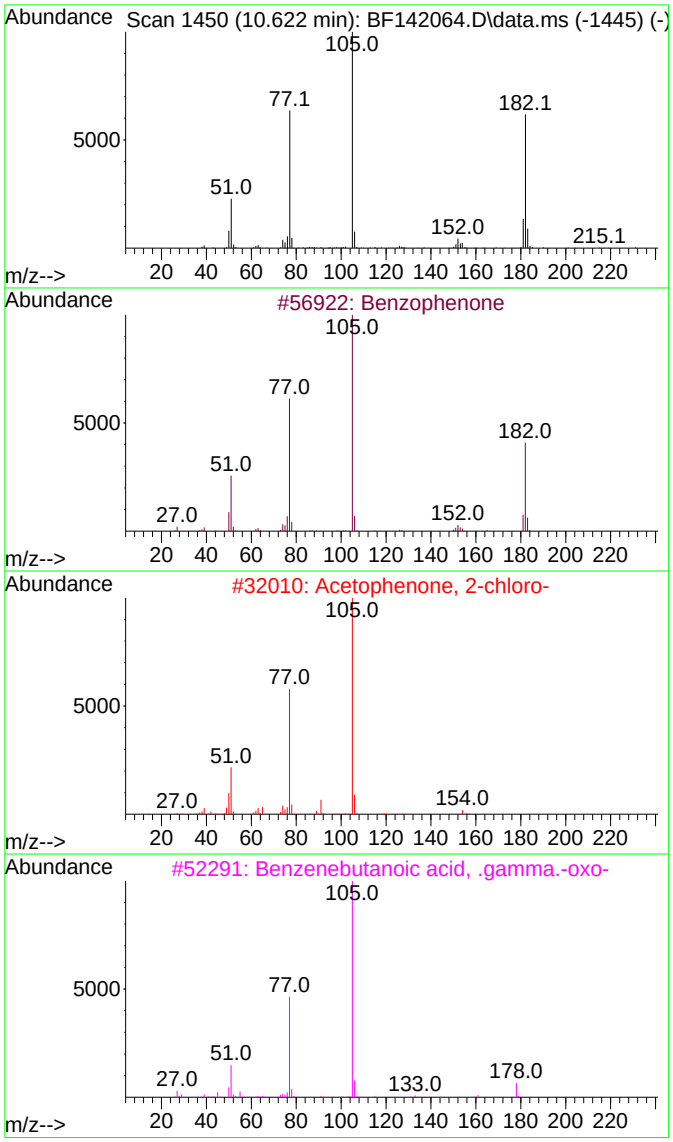
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

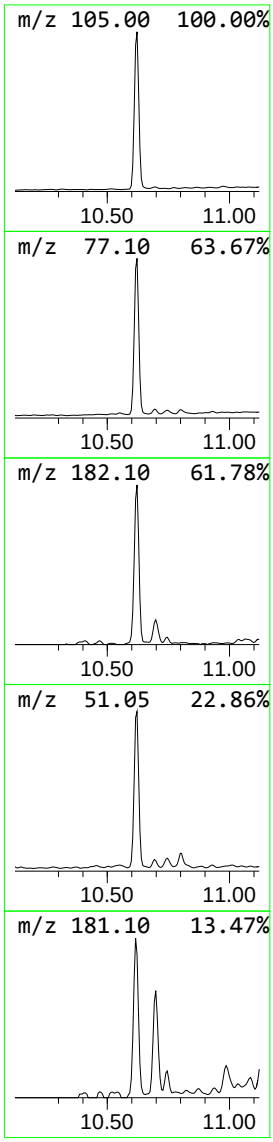
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	6.27 ng	252722	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47





Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

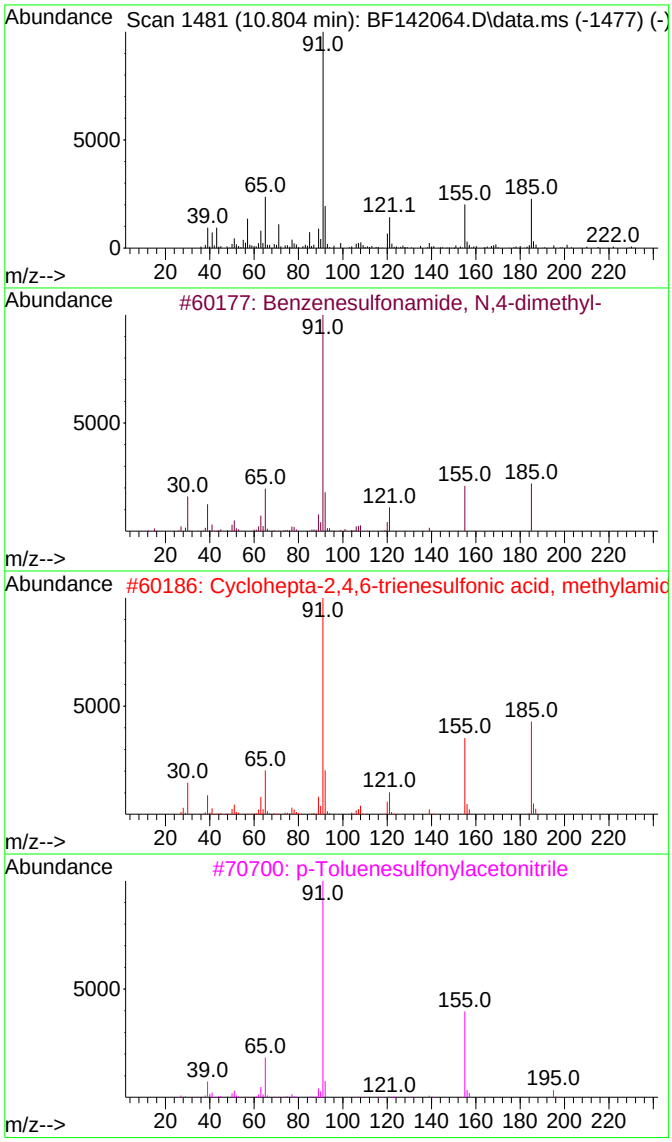
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

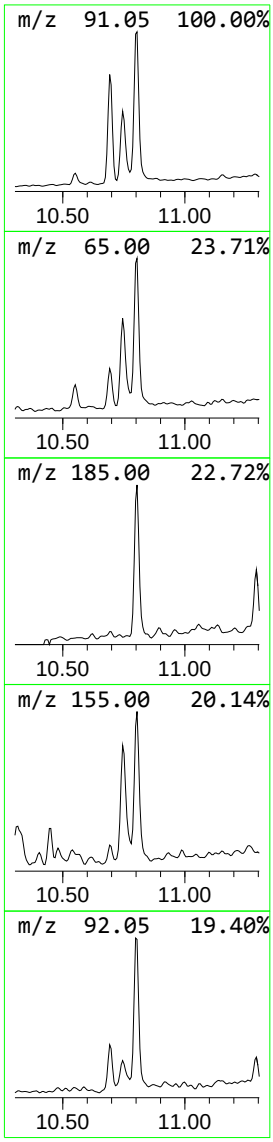
****

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	5.17 ng	192772	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	96
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	70
3	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	49
4	benzenesulfonamide, N-(cyanometh...	224	C10H12N2O2S	1000400-88-5	43
5	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	43





Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

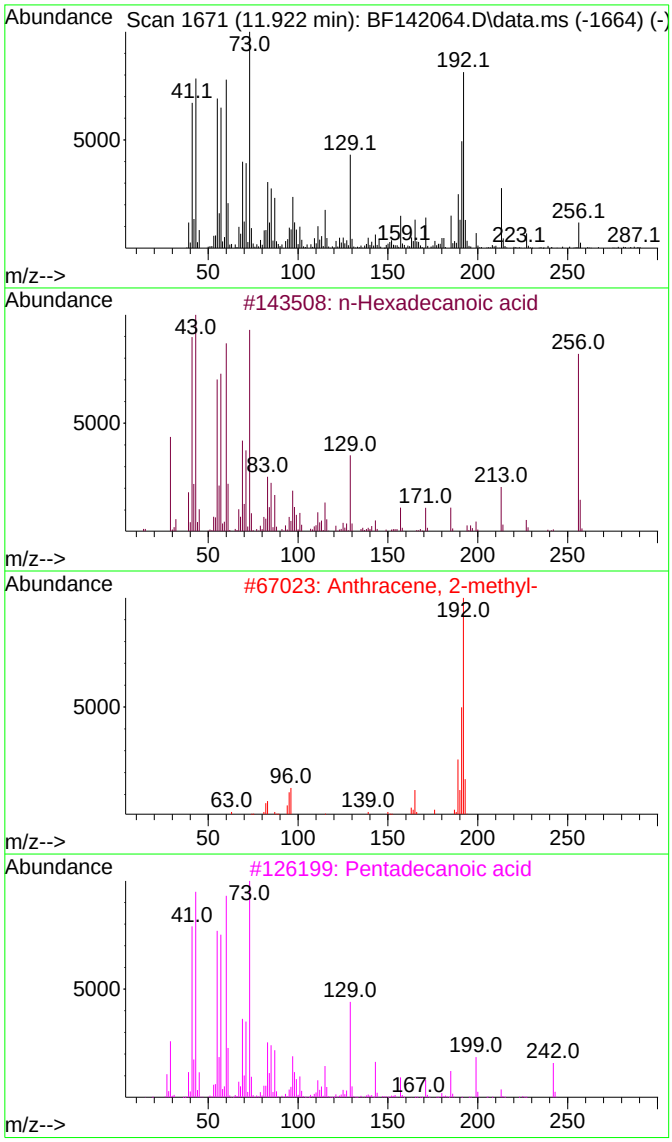
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

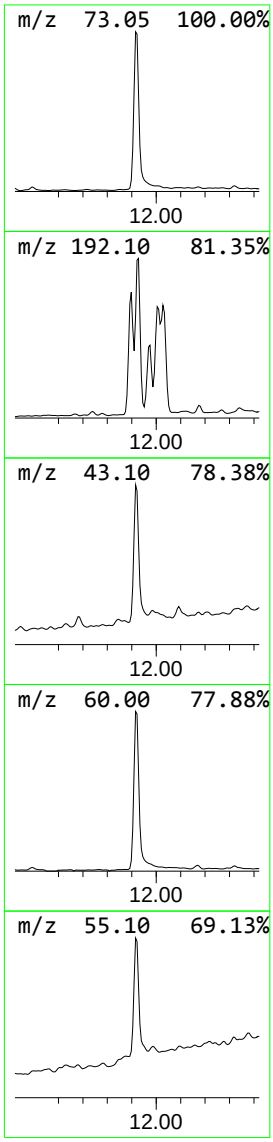
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	22.95 ng	855635	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68





Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

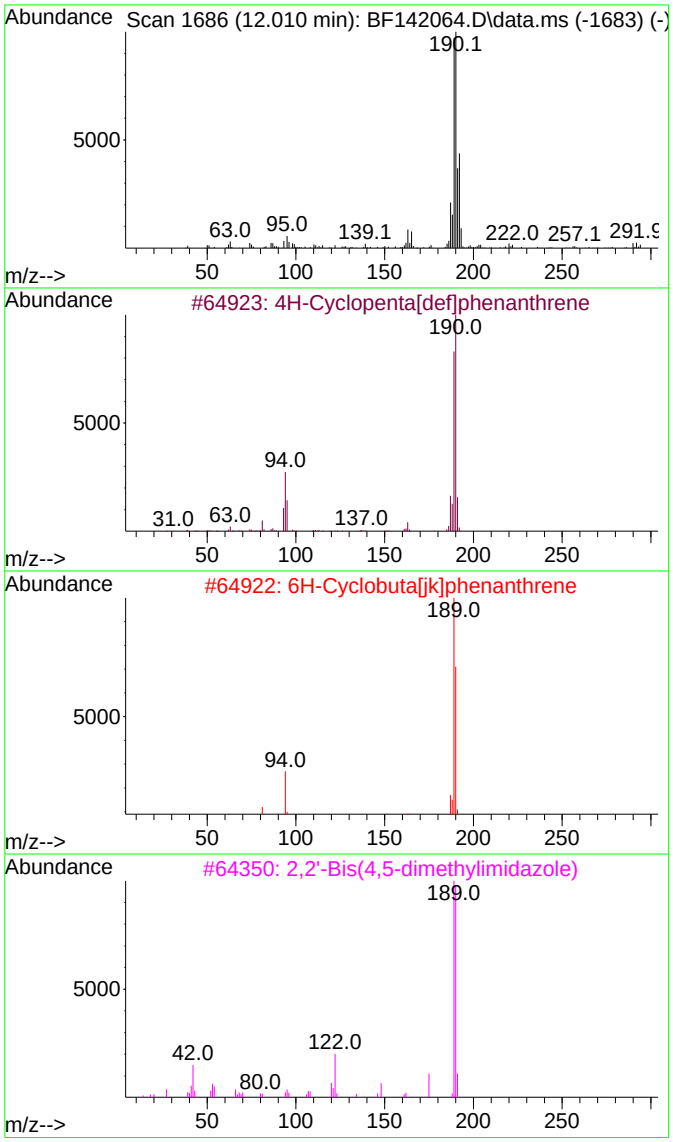
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

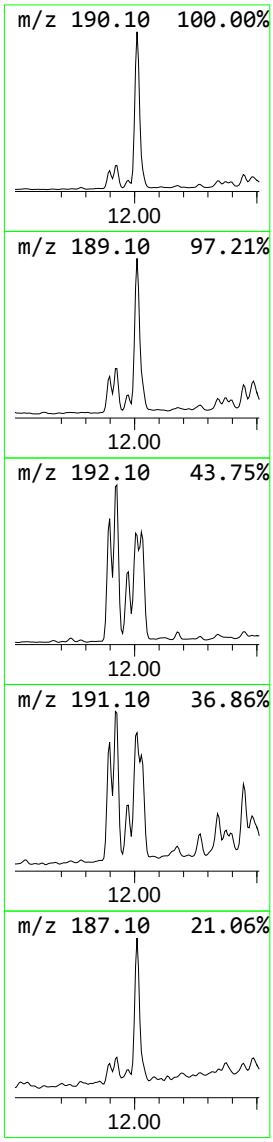
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	7.78 ng	290097	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	32





Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

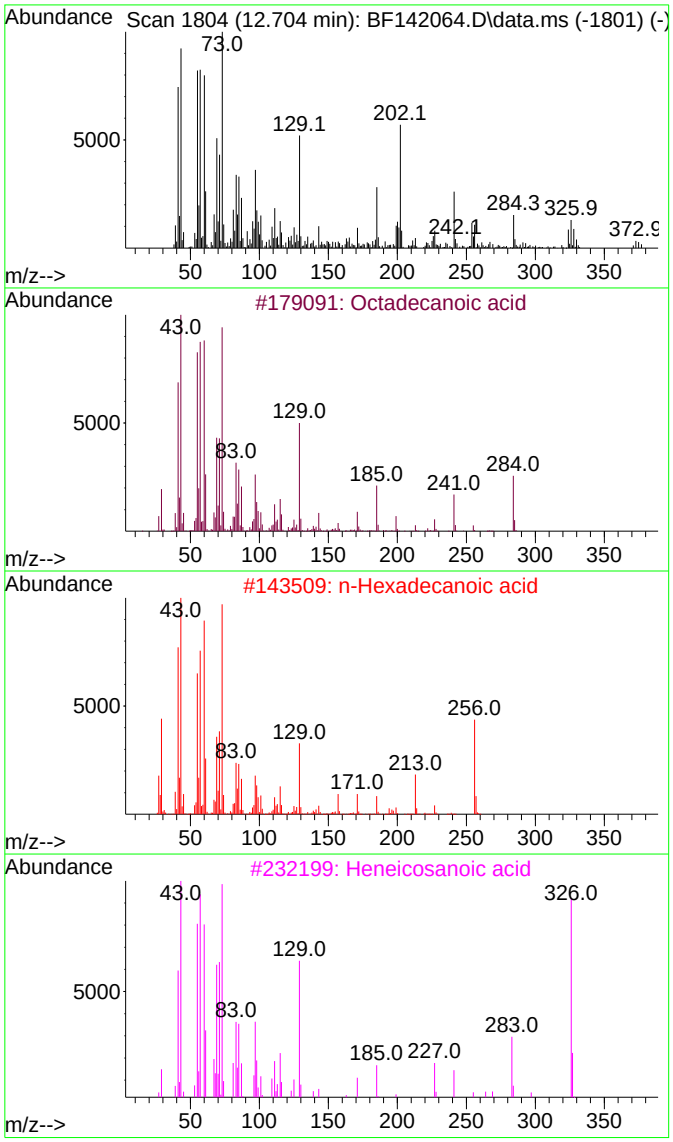
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

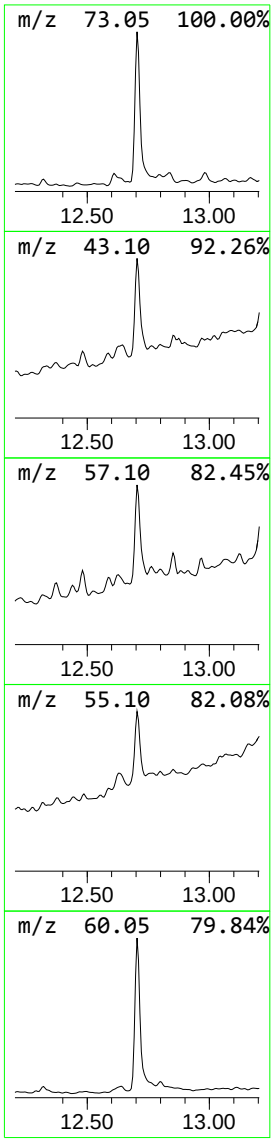
****

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	9.62 ng	358514	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Heneicosanoic acid	326	C21H42O2	002363-71-5	78
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Sample Results: **BF142064.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	32.3	ng	1094440	1	6.875	678389	20.0
Biphenylene	9.769	2.0	ng	80965	3	9.910	806066	20.0
Benzophenone	10.622	6.3	ng	252722	3	9.910	806066	20.0
Benzenesulfonam...	10.804	5.2	ng	192772	4	11.392	745654	20.0
n-Hexadecanoic ...	11.922	22.9	ng	855635	4	11.392	745654	20.0
4H-Cyclopenta[d...	12.010	7.8	ng	290097	4	11.392	745654	20.0
Octadecanoic acid	12.704	9.6	ng	358514	4	11.392	745654	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025

Calibration Time(s): 11:01 15:20

LAB FILE ID: RRF2.5 = BF141897.D RRF005 = BF141898.D RRF010 = BF141899.D
RRF020 = BF141900.D RRF040 = BF141901.D RRF060 = BF141903.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.267	1.243	1.298	1.148	1.146	1.198	5.8
Benzaldehyde			1.021	0.975	0.778	0.716	0.853	15.8
Phenol-d6		1.623	1.593	1.644	1.442	1.471	1.526	6.0
Phenol		1.708	1.675	1.747	1.536	1.532	1.605	6.3
bis(2-Chloroethyl)ether		1.287	1.246	1.281	1.144	1.176	1.205	5.4
2-Chlorophenol		1.421	1.354	1.434	1.259	1.284	1.329	5.6
2-Methylphenol		1.080	1.050	1.122	1.008	1.079	1.057	3.7
2,2-oxybis(1-Chloropropane)		1.591	1.525	1.534	1.363	1.472	1.455	7.1
Acetophenone		0.514	0.493	0.513	0.460	0.469	0.479	5.8
3+4-Methylphenols		1.449	1.394	1.470	1.294	1.334	1.354	6.5
n-Nitroso-di-n-propylamine	1.020	1.024	1.000	1.043	0.913	0.991	0.980	5.3
Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.363	0.355	3.5
Hexachloroethane		0.545	0.551	0.576	0.517	0.560	0.544	3.8
Nitrobenzene		0.347	0.351	0.375	0.346	0.359	0.353	3.1
Isophorone		0.647	0.620	0.655	0.600	0.648	0.628	3.5
2-Nitrophenol		0.150	0.159	0.182	0.175	0.188	0.173	7.9
2,4-Dimethylphenol		0.247	0.234	0.251	0.231	0.244	0.239	3.5
bis(2-Chloroethoxy)methane		0.411	0.406	0.416	0.372	0.397	0.394	4.6
2,4-Dichlorophenol		0.292	0.295	0.309	0.286	0.303	0.296	2.5
Naphthalene		1.104	1.075	1.101	0.984	0.973	1.027	6.2
4-Chloroaniline		0.383	0.378	0.393	0.351	0.352	0.363	6.1
Hexachlorobutadiene		0.211	0.211	0.221	0.203	0.214	0.213	2.5
Caprolactam		0.092	0.089	0.094	0.084	0.090	0.090	4.0
4-Chloro-3-methylphenol		0.334	0.331	0.349	0.318	0.334	0.331	3.1
2-Methylnaphthalene		0.746	0.709	0.733	0.653	0.667	0.687	6.1
Hexachlorocyclopentadiene		0.204	0.221	0.249	0.250	0.252	0.238	8.0
2,4,6-Trichlorophenol		0.388	0.389	0.402	0.398	0.401	0.398	1.9
2-Fluorobiphenyl		1.430	1.379	1.379	1.254	1.246	1.315	5.9
2,4,5-Trichlorophenol		0.396	0.391	0.422	0.389	0.415	0.403	3.0
1,1-Biphenyl		1.636	1.573	1.591	1.454	1.431	1.520	5.3
2-Chloronaphthalene		1.197	1.141	1.181	1.091	1.090	1.133	3.8
2-Nitroaniline		0.296	0.314	0.346	0.322	0.332	0.328	6.1
Dimethylphthalate		1.481	1.414	1.469	1.329	1.345	1.401	4.5
Acenaphthylene		1.765	1.740	1.778	1.635	1.595	1.681	4.7

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025

Calibration Time(s): 11:01 15:20

LAB FILE ID: RRF2.5 = BF141897.D RRF005 = BF141898.D RRF010 = BF141899.D
RRF020 = BF141900.D RRF040 = BF141901.D RRF060 = BF141903.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,6-Dinitrotoluene		0.277	0.279	0.305	0.285	0.296	0.292	4.1
3-Nitroaniline		0.291	0.295	0.316	0.293	0.301	0.296	3.6
Acenaphthene		1.236	1.195	1.231	1.146	1.165	1.181	3.4
2,4-Dinitrophenol			0.085	0.124	0.142	0.161	0.139	22.0
4-Nitrophenol		0.192	0.216	0.234	0.230	0.230	0.223	6.6
Dibenzofuran		1.849	1.787	1.791	1.614	1.596	1.688	6.9
2,4-Dinitrotoluene		0.365	0.382	0.402	0.375	0.383	0.381	2.9
Diethylphthalate		1.475	1.471	1.497	1.336	1.338	1.397	5.8
4-Chlorophenyl-phenylether		0.730	0.688	0.702	0.643	0.656	0.679	4.4
Fluorene		1.443	1.361	1.381	1.229	1.234	1.302	7.0
4-Nitroaniline		0.284	0.288	0.304	0.288	0.286	0.288	2.7
4,6-Dinitro-2-methylphenol			0.083	0.111	0.121	0.133	0.119	16.6
n-Nitrosodiphenylamine		0.675	0.651	0.671	0.620	0.638	0.647	3.0
2,4,6-Tribromophenol		0.234	0.236	0.259	0.250	0.265	0.254	5.7
4-Bromophenyl-phenylether		0.240	0.249	0.255	0.244	0.245	0.251	3.6
Hexachlorobenzene		0.262	0.267	0.284	0.269	0.271	0.275	3.9
Atrazine		0.216	0.213	0.193	0.164		0.198	10.7
Pentachlorophenol		0.130	0.151	0.172	0.177	0.186	0.170	12.7
Phenanthrene		1.155	1.151	1.138	1.038	1.032	1.080	5.9
Anthracene		1.173	1.139	1.139	1.046	1.036	1.084	5.9
Carbazole		0.996	0.994	0.985	0.908	0.892	0.935	5.9
Di-n-butylphthalate		1.320	1.321	1.319	1.177	1.175	1.240	6.5
Fluoranthene		1.234	1.226	1.228	1.108	1.059	1.146	7.7
Pyrene		1.695	1.651	1.727	1.611	1.823	1.730	5.4
Terphenyl-d14		1.343	1.309	1.360	1.276	1.417	1.353	3.6
Butylbenzylphthalate		0.629	0.656	0.702	0.655	0.717	0.677	4.7
3,3-Dichlorobenzidine		0.370	0.389	0.380	0.372	0.394	0.379	2.8
Benzo(a)anthracene		1.370	1.304	1.334	1.273	1.317	1.312	2.4
Chrysene		1.143	1.194	1.260	1.136	1.213	1.190	3.5
Bis(2-ethylhexyl)phthalate		0.897	0.912	0.966	0.904	0.952	0.934	3.4
Di-n-octyl phthalate		1.145	1.219	1.338	1.265	1.390	1.299	7.1
Benzo(b)fluoranthene		1.420	1.310	1.485	1.210	1.390	1.371	6.6
Benzo(k)fluoranthene		1.162	1.268	1.197	1.205	1.210	1.173	6.2
Benzo(a)pyrene		1.040	1.042	1.123	1.036	1.083	1.073	3.2
Indeno(1,2,3-cd)pyrene		1.097	1.142	1.308	1.287	1.472	1.294	10.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025

Calibration Time(s): 11:01 15:20

LAB FILE ID: RRF2.5 = BF141897.D RRF005 = BF141898.D RRF010 = BF141899.D
RRF020 = BF141900.D RRF040 = BF141901.D RRF060 = BF141903.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Dibenzo(a,h)anthracene		0.910	0.953	1.073	1.068	1.195	1.067	9.9
Benzo(g,h,i)perylene		0.912	0.949	1.061	1.065	1.167	1.055	9.2
1,2,4,5-Tetrachlorobenzene		0.615	0.604	0.626	0.592	0.606	0.609	2.1
1,4-Dioxane		0.490	0.482	0.536	0.504	0.501	0.502	3.4
2,3,4,6-Tetrachlorophenol		0.355	0.365	0.390	0.359	0.366	0.367	3.0

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025
Response Via : Initial Calibration

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

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

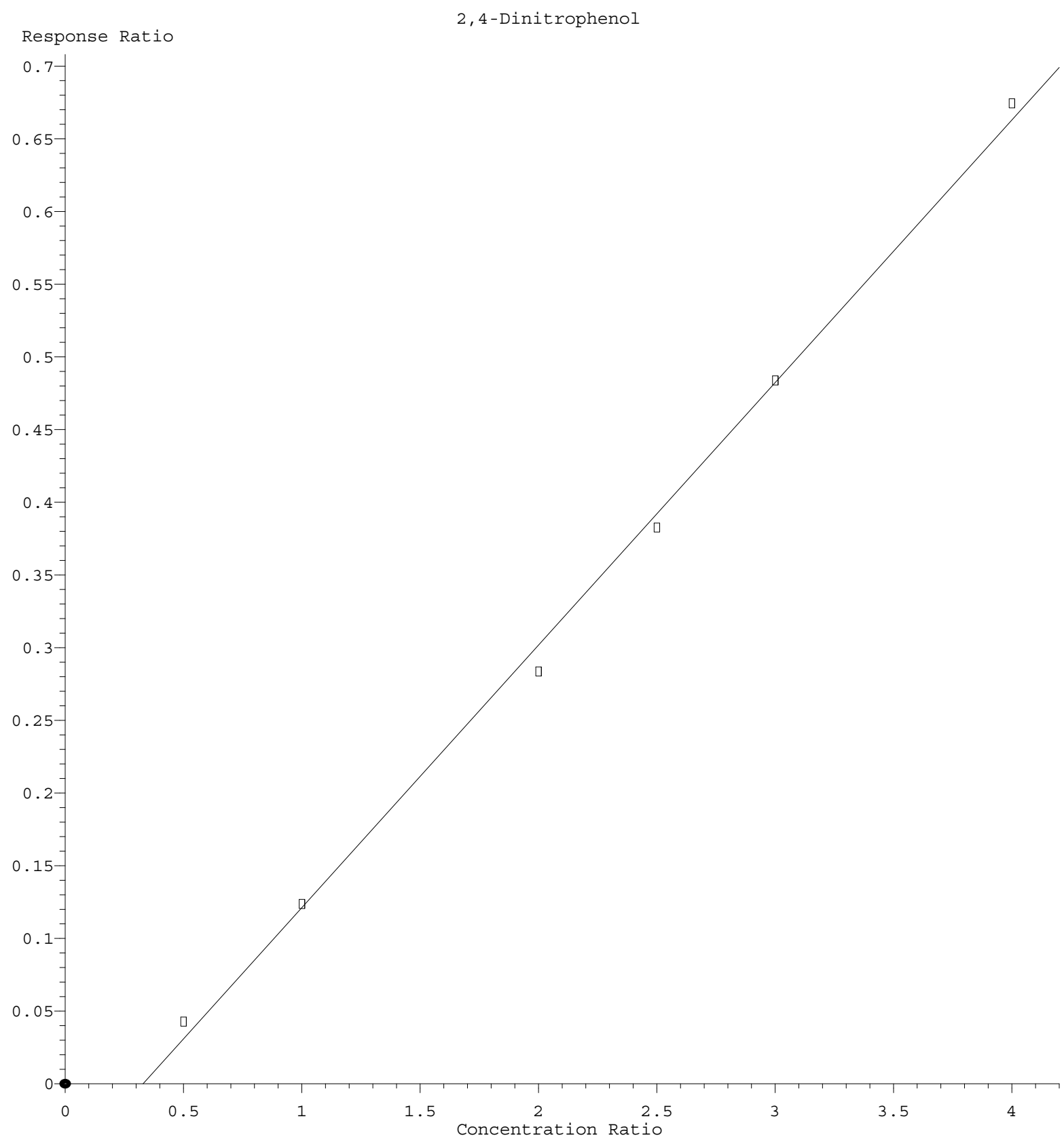
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

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

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

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

(#) = Out of Range



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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On : 10 Mar 2025 11:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	218163	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	918034	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	548310	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	1010378	20.000	ng	0.00
76) Chrysene-d12	14.033	240	740344	20.000	ng	0.00
86) Perylene-d12	15.509	264	520745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	27816	2.599	ng	94

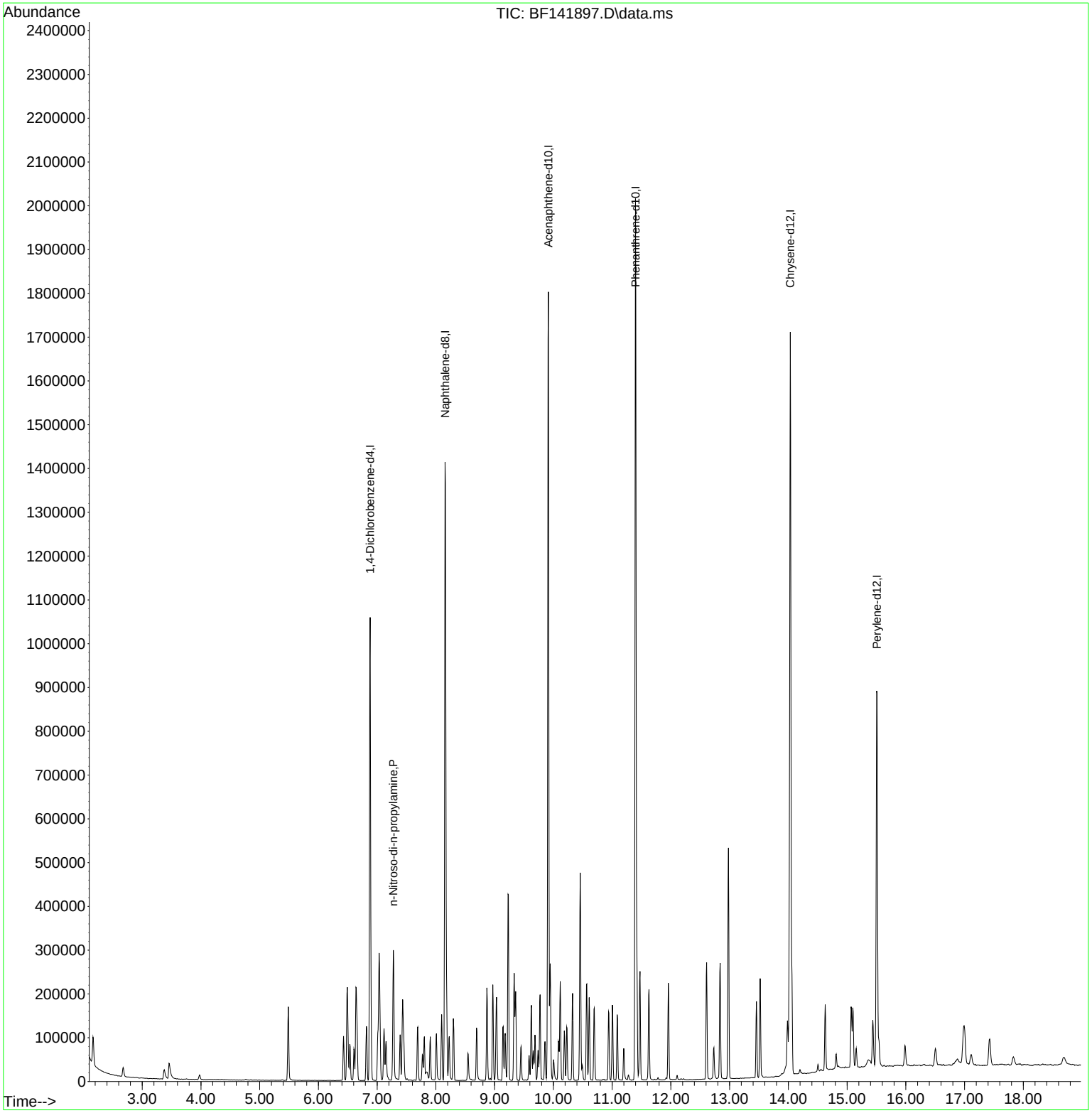
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On : 10 Mar 2025 11:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	230406	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	926118	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	546702	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	1002901	20.000	ng		0.00
76) Chrysene-d12	14.033	240	745624	20.000	ng		0.00
86) Perylene-d12	15.504	264	527129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	145959	10.570	ng		0.00
7) Phenol-d6	6.486	99	186951	10.630	ng		-0.02
23) Nitrobenzene-d5	7.433	82	159777	9.670	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	63996	9.238	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	390913	10.888	ng		0.00
79) Terphenyl-d14	12.980	244	500607	9.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	28210	4.874	ng		99
3) Pyridine	3.451	79	70090	4.928	ng		99
4) n-Nitrosodimethylamine	3.369	42	31893	4.717	ng	#	99
6) Aniline	6.534	93	92116	5.305	ng		100
8) 2-Chlorophenol	6.657	128	81845	5.347	ng		98
10) Phenol	6.504	94	98369	5.301	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	74158	5.334	ng		98
12) 1,3-Dichlorobenzene	6.816	146	84952	5.136	ng		100
13) 1,4-Dichlorobenzene	6.898	146	87237	5.213	ng		98
14) 1,2-Dichlorobenzene	7.045	146	84183	5.342	ng		99
15) Benzyl Alcohol	7.010	79	71182	5.000	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	91659	5.470	ng		97
17) 2-Methylphenol	7.116	107	62211	5.114	ng		99
18) Hexachloroethane	7.392	117	31373	5.000	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	58981	5.218	ng		98
20) 3+4-Methylphenols	7.269	107	83461	5.349	ng		97
22) Acetophenone	7.281	105	119040	5.358	ng		99
24) Nitrobenzene	7.451	77	80338	4.904	ng		99
25) Isophorone	7.692	82	149807	5.135	ng		99
26) 2-Nitrophenol	7.775	139	34757	4.329	ng		98
27) 2,4-Dimethylphenol	7.804	122	57106	5.164	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	95214	5.210	ng		97
29) 2,4-Dichlorophenol	8.010	162	67710	4.934	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	78127	5.160	ng		98
31) Naphthalene	8.180	128	255632	5.388	ng		98
33) 4-Chloroaniline	8.228	127	88635	5.294	ng		99
34) Hexachlorobutadiene	8.298	225	48885	4.966	ng		99
35) Caprolactam	8.557	113	21358	5.118	ng		94
36) 4-Chloro-3-methylphenol	8.692	107	77370	5.070	ng		99
37) 2-Methylnaphthalene	8.869	142	172734	5.427	ng		99
38) 1-Methylnaphthalene	8.969	142	166050	5.387	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	84034	5.041	ng		99
41) Hexachlorocyclopentadiene	9.022	237	27931	4.246	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	52998	4.877	ng		99
44) 2,4,5-Trichlorophenol	9.180	196	54111	4.901	ng		97
46) 1,1'-Biphenyl	9.333	154	223637	5.395	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.357	162	163642	5.298	ng	97
48) 2-Nitroaniline	9.451	65	40475	4.561	ng	98
49) Acenaphthylene	9.774	152	241253	5.268	ng	99
50) Dimethylphthalate	9.627	163	202373	5.328	ng	100
51) 2,6-Dinitrotoluene	9.686	165	37796	4.785	ng	99
52) Acenaphthene	9.945	154	168975	5.225	ng	98
53) 3-Nitroaniline	9.857	138	39761	4.902	ng	98
55) Dibenzofuran	10.116	168	252715	5.481	ng	97
56) 4-Nitrophenol	10.004	139	26252	4.309	ng	99
57) 2,4-Dinitrotoluene	10.092	165	49913	4.800	ng	98
58) Fluorene	10.457	166	197266	5.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	48472	4.839	ng	98
60) Diethylphthalate	10.327	149	201554	5.286	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	99747	5.380	ng	98
62) 4-Nitroaniline	10.463	138	38863	4.945	ng	94
63) Azobenzene	10.610	77	190233	5.370	ng	98
66) n-Nitrosodiphenylamine	10.569	169	169225	5.223	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60238	4.823	ng	98
68) Hexachlorobenzene	11.004	284	65620	4.753	ng	98
69) Atrazine	11.092	200	54251	6.867	ng	98
70) Pentachlorophenol	11.198	266	32716	3.843	ng	100
71) Phenanthrene	11.421	178	289580	5.340	ng	98
72) Anthracene	11.474	178	294198	5.407	ng	98
73) Carbazole	11.627	167	249634	5.329	ng	99
74) Di-n-butylphthalate	11.957	149	330999	5.352	ng	99
75) Fluoranthene	12.610	202	309273	5.432	ng	99
77) Benzidine	12.733	184	64673	6.138	ng	99
78) Pyrene	12.839	202	315969	4.941	ng	99
80) Butylbenzylphthalate	13.457	149	117256	4.653	ng	99
81) Benzo(a)anthracene	14.021	228	255308	5.205	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	68969	4.865	ng	100
83) Chrysene	14.062	228	213144	4.837	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	167165	4.836	ng	99
85) Di-n-octyl phthalate	14.627	149	213395	4.435	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	144536	4.228	ng	99
88) Benzo(b)fluoranthene	15.068	252	187154	5.234	ng	99
89) Benzo(k)fluoranthene	15.098	252	153142	4.903	ng	99
90) Benzo(a)pyrene	15.439	252	137043	4.860	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	119937	4.252	ng	99
92) Benzo(g,h,i)perylene	17.427	276	120142	4.294	ng	99

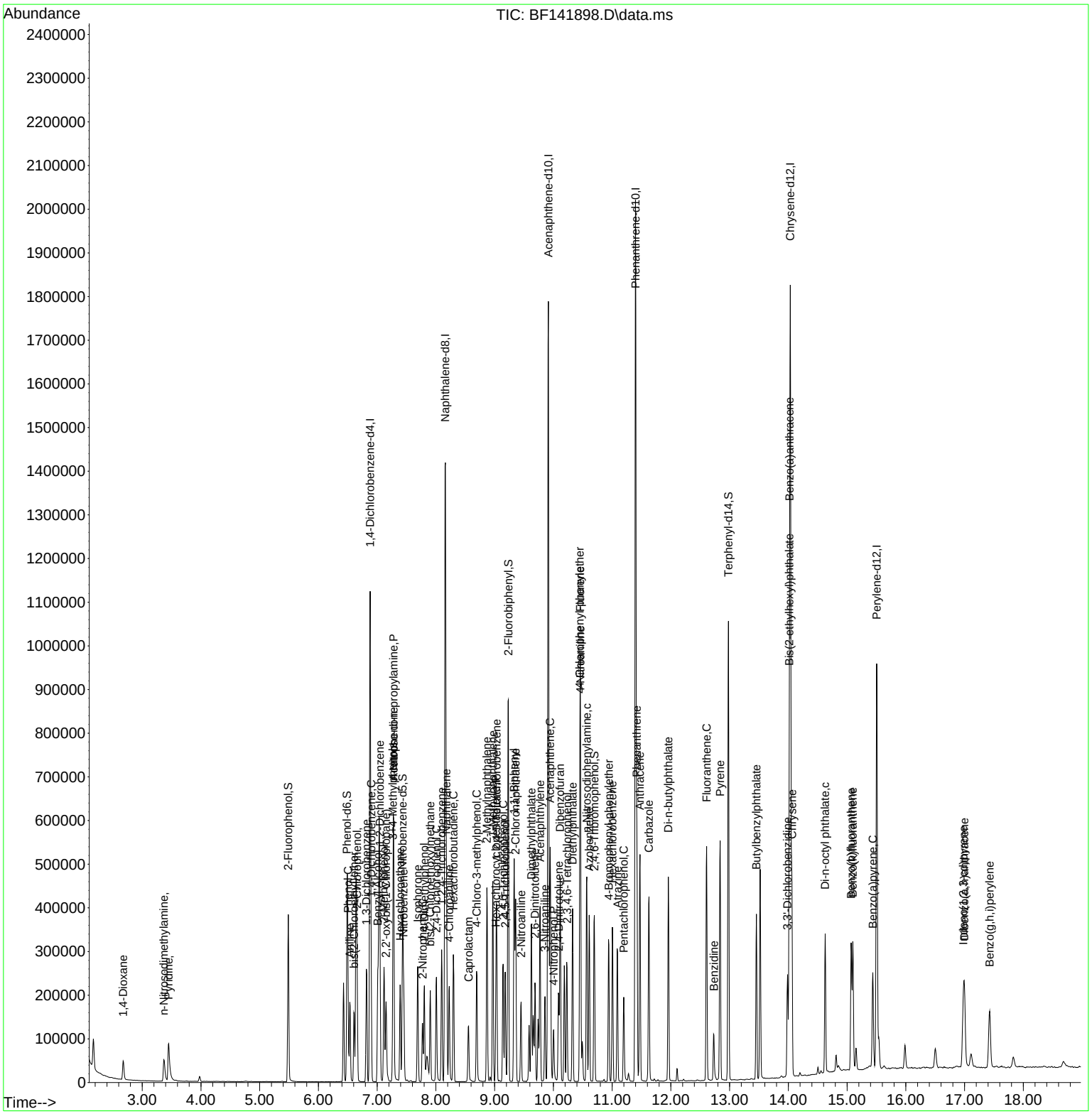
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141898.D
Acq On : 10 Mar 2025 11:30
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Mar 10 15:32:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	224499	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	921725	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	541295	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	966771	20.000	ng		0.00
76) Chrysene-d12	14.039	240	703100	20.000	ng		0.00
86) Perylene-d12	15.510	264	510790	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	279139	20.746	ng		0.00
7) Phenol-d6	6.493	99	357672	20.872	ng		-0.01
23) Nitrobenzene-d5	7.434	82	328098	19.951	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	127785	18.630	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	746589	21.003	ng		0.00
79) Terphenyl-d14	12.980	244	920159	19.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	54068	9.588	ng		98
3) Pyridine	3.440	79	135148	9.752	ng		99
4) n-Nitrosodimethylamine	3.369	42	62411	9.474	ng	#	98
6) Aniline	6.540	93	179854	10.631	ng		99
8) 2-Chlorophenol	6.657	128	151998	10.192	ng		97
9) Benzaldehyde	6.428	77	114586	11.963	ng		99
10) Phenol	6.504	94	187967	10.396	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	139813	10.321	ng		99
12) 1,3-Dichlorobenzene	6.822	146	167192	10.374	ng		98
13) 1,4-Dichlorobenzene	6.898	146	168717	10.347	ng		98
14) 1,2-Dichlorobenzene	7.051	146	159032	10.357	ng		98
15) Benzyl Alcohol	7.010	79	140530	10.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	171225	10.487	ng		98
17) 2-Methylphenol	7.116	107	117869	9.945	ng		99
18) Hexachloroethane	7.392	117	61809	10.111	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	112281	10.194	ng		97
20) 3+4-Methylphenols	7.269	107	156526	10.296	ng		92
22) Acetophenone	7.281	105	227350	10.282	ng		99
24) Nitrobenzene	7.457	77	161777	9.922	ng		99
25) Isophorone	7.692	82	285760	9.842	ng		99
26) 2-Nitrophenol	7.775	139	73301	9.174	ng		98
27) 2,4-Dimethylphenol	7.804	122	107669	9.784	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	187307	10.298	ng		98
29) 2,4-Dichlorophenol	8.010	162	135772	9.941	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	149790	9.941	ng		99
31) Naphthalene	8.181	128	495470	10.493	ng		99
32) Benzoic acid	7.869	122	68640	7.136	ng		98
33) 4-Chloroaniline	8.228	127	173977	10.441	ng		98
34) Hexachlorobutadiene	8.298	225	97298	9.931	ng		98
35) Caprolactam	8.563	113	41208	9.922	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	152340	10.029	ng		96
37) 2-Methylnaphthalene	8.869	142	326733	10.313	ng		99
38) 1-Methylnaphthalene	8.969	142	318324	10.376	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	163481	9.905	ng		99
41) Hexachlorocyclopentadiene	9.022	237	59769	9.177	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	105191	9.777	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	105943	9.692	ng		99
46) 1,1'-Biphenyl	9.334	154	425640	10.372	ng		98
47) 2-Chloronaphthalene	9.357	162	308729	10.094	ng		98
48) 2-Nitroaniline	9.451	65	84854	9.658	ng		98
49) Acenaphthylene	9.775	152	470801	10.383	ng		99
50) Dimethylphthalate	9.628	163	382722	10.176	ng		100
51) 2,6-Dinitrotoluene	9.692	165	75577	9.663	ng		97
52) Acenaphthene	9.945	154	323406	10.101	ng		100
53) 3-Nitroaniline	9.857	138	79944	9.955	ng		96
54) 2,4-Dinitrophenol	9.963	184	23121	11.386	ng	#	71
55) Dibenzofuran	10.116	168	483596	10.593	ng		98
56) 4-Nitrophenol	10.004	139	58549	9.706	ng		98
57) 2,4-Dinitrotoluene	10.092	165	103313	10.035	ng		98
58) Fluorene	10.463	166	368370	10.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	98725	9.954	ng		99
60) Diethylphthalate	10.328	149	398003	10.542	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	186237	10.145	ng		99
62) 4-Nitroaniline	10.463	138	78048	10.030	ng		97
63) Azobenzene	10.610	77	368982	10.521	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	40348	7.040	ng		99
66) n-Nitrosodiphenylamine	10.569	169	314758	10.078	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	120534	10.011	ng		97
68) Hexachlorobenzene	11.010	284	129242	9.712	ng		98
69) Atrazine	11.092	200	102822	13.502	ng		99
70) Pentachlorophenol	11.198	266	73112	8.909	ng		99
71) Phenanthrene	11.422	178	556546	10.646	ng		98
72) Anthracene	11.475	178	550767	10.501	ng		100
73) Carbazole	11.628	167	480520	10.641	ng		99
74) Di-n-butylphthalate	11.957	149	638429	10.708	ng		99
75) Fluoranthene	12.610	202	592806	10.801	ng		99
77) Benzidine	12.733	184	108761	10.946	ng		99
78) Pyrene	12.839	202	580442	9.626	ng		99
80) Butylbenzylphthalate	13.457	149	230714	9.710	ng		98
81) Benzo(a)anthracene	14.027	228	458422	9.911	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	136843	10.236	ng		99
83) Chrysene	14.063	228	419687	10.100	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	320536	9.833	ng		99
85) Di-n-octyl phthalate	14.627	149	428377	9.442	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	291723	8.807	ng		99
88) Benzo(b)fluoranthene	15.074	252	334664	9.659	ng		99
89) Benzo(k)fluoranthene	15.104	252	323772	10.698	ng		99
90) Benzo(a)pyrene	15.439	252	266149	9.740	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	243443	8.907	ng		98
92) Benzo(g,h,i)perylene	17.433	276	242380	8.941	ng		99

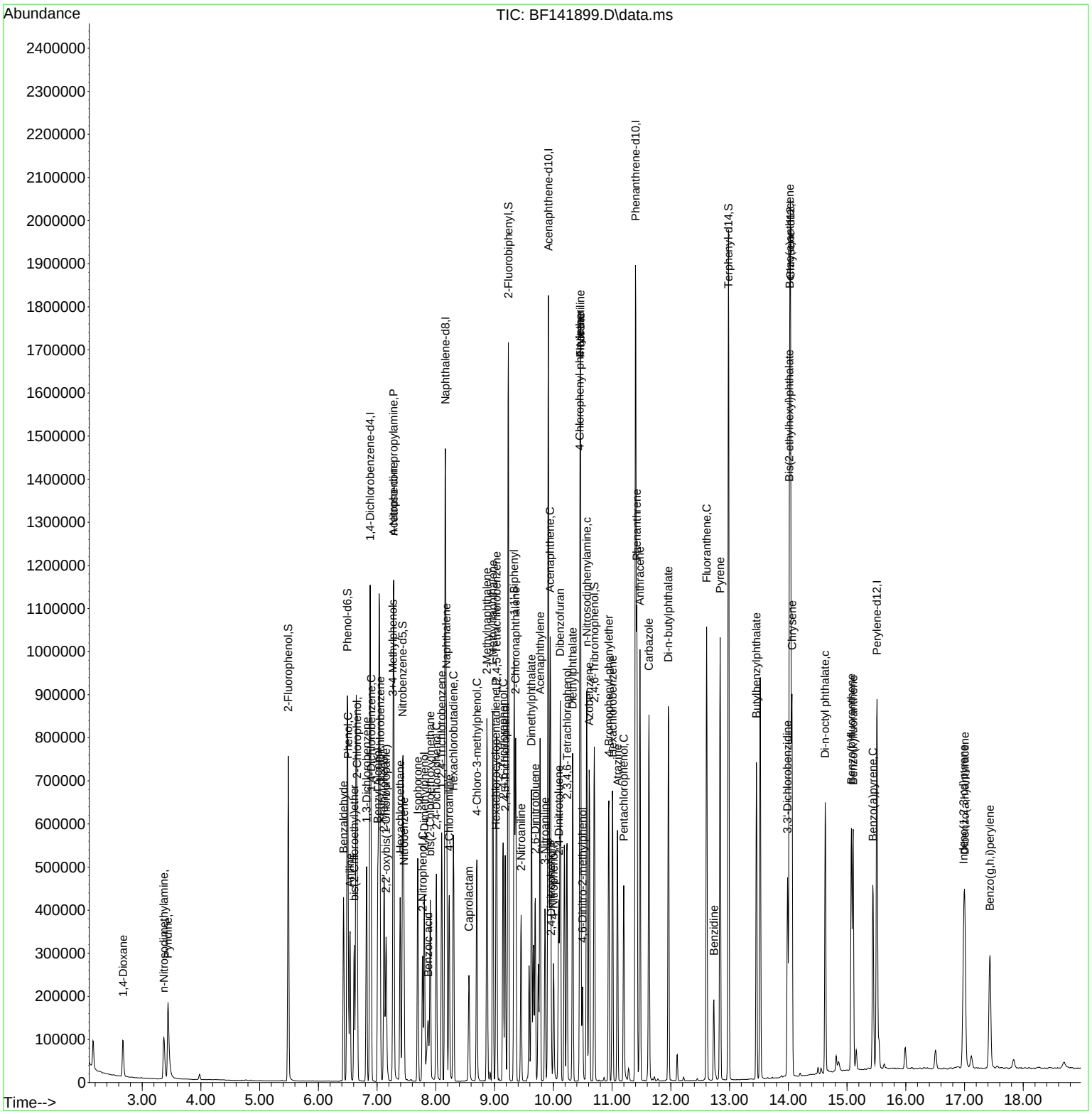
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141899.D
Acq On : 10 Mar 2025 12:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Mar 10 15:33:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	198053	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	797548	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	470833	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	826085	20.000	ng	0.00
76) Chrysene-d12	14.039	240	581591	20.000	ng	0.00
86) Perylene-d12	15.509	264	428960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	514189	43.318	ng	0.00
7) Phenol-d6	6.498	99	651272	43.079	ng	0.00
23) Nitrobenzene-d5	7.439	82	604270	42.465	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	243832	40.869	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1298709	42.002	ng	0.00
79) Terphenyl-d14	12.986	244	1582373	40.218	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	106079	21.323	ng	99
3) Pyridine	3.434	79	264229	21.612	ng	100
4) n-Nitrosodimethylamine	3.375	42	122948	21.155	ng	99
6) Aniline	6.539	93	324802	21.763	ng	99
8) 2-Chlorophenol	6.663	128	284082	21.592	ng	99
9) Benzaldehyde	6.428	77	193024	22.843	ng	98
10) Phenol	6.510	94	346008	21.692	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	253793	21.236	ng	98
12) 1,3-Dichlorobenzene	6.822	146	304632	21.426	ng	98
13) 1,4-Dichlorobenzene	6.898	146	306665	21.319	ng	100
14) 1,2-Dichlorobenzene	7.051	146	289199	21.349	ng	99
15) Benzyl Alcohol	7.016	79	261893	21.402	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	303847	21.095	ng	99
17) 2-Methylphenol	7.122	107	222173	21.248	ng	97
18) Hexachloroethane	7.392	117	114019	21.141	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	206654	21.268	ng	97
20) 3+4-Methylphenols	7.275	107	291065	21.702	ng	99
22) Acetophenone	7.286	105	409149	21.385	ng	99
24) Nitrobenzene	7.457	77	299046	21.196	ng	99
25) Isophorone	7.698	82	522239	20.788	ng	100
26) 2-Nitrophenol	7.775	139	144979	20.970	ng	99
27) 2,4-Dimethylphenol	7.804	122	200058	21.009	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	331966	21.093	ng	99
29) 2,4-Dichlorophenol	8.010	162	246810	20.884	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	272773	20.922	ng	97
31) Naphthalene	8.181	128	877897	21.487	ng	99
32) Benzoic acid	7.892	122	152420	18.313	ng	99
33) 4-Chloroaniline	8.228	127	313249	21.726	ng	98
34) Hexachlorobutadiene	8.298	225	176253	20.791	ng	99
35) Caprolactam	8.580	113	75048	20.884	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	278207	21.168	ng	100
37) 2-Methylnaphthalene	8.875	142	584552	21.324	ng	99
38) 1-Methylnaphthalene	8.975	142	575428	21.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	294845	20.538	ng	99
41) Hexachlorocyclopentadiene	9.028	237	117174	20.685	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	189069	20.203	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

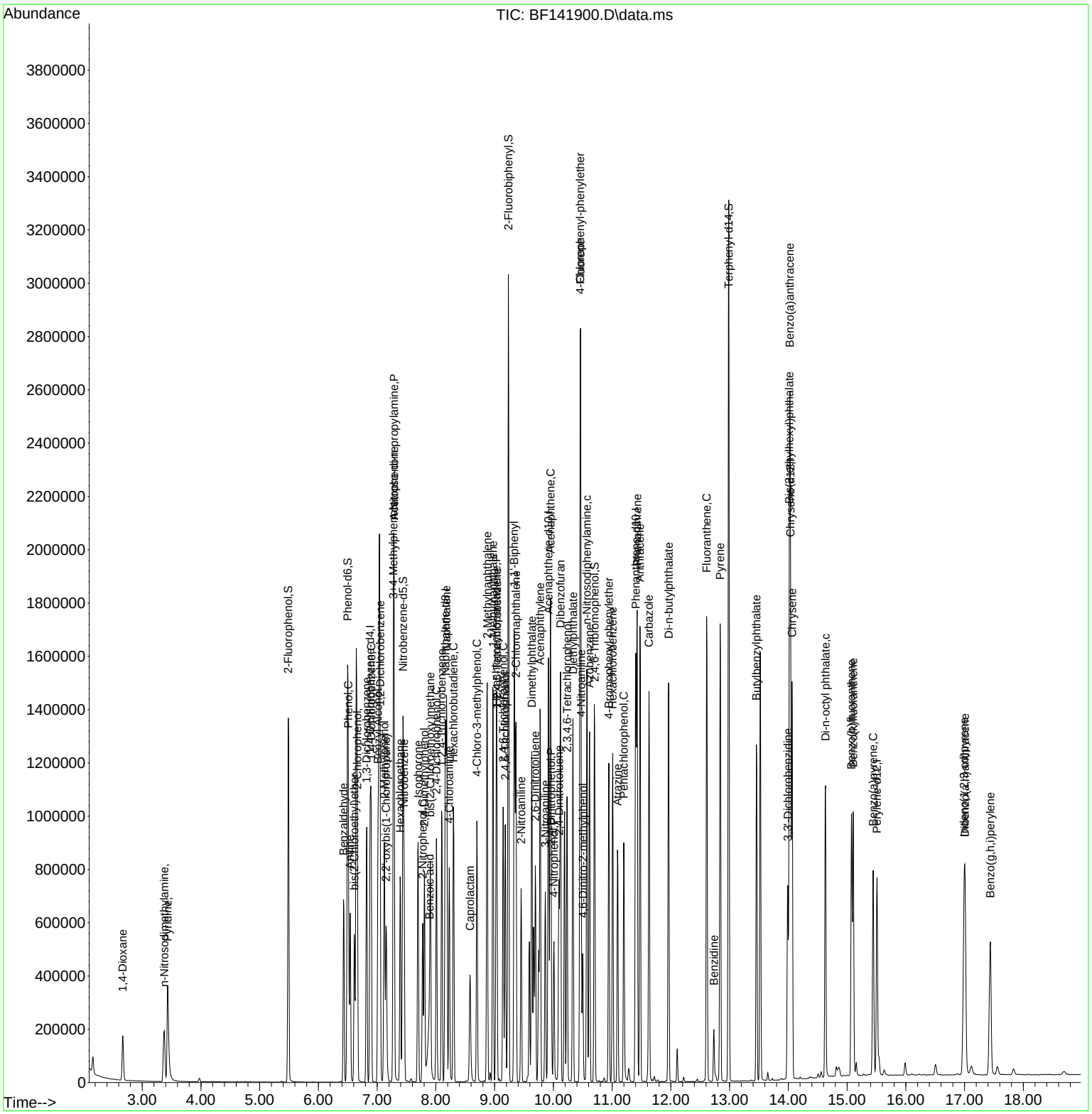
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	198841	20.912	ng		99
46) 1,1'-Biphenyl	9.333	154	749087	20.985	ng		100
47) 2-Chloronaphthalene	9.363	162	555946	20.898	ng		98
48) 2-Nitroaniline	9.451	65	162790	21.302	ng		97
49) Acenaphthylene	9.775	152	837016	21.222	ng		99
50) Dimethylphthalate	9.633	163	691454	21.137	ng		100
51) 2,6-Dinitrotoluene	9.692	165	143513	21.096	ng		100
52) Acenaphthene	9.951	154	579623	20.813	ng		98
53) 3-Nitroaniline	9.863	138	148977	21.327	ng		98
54) 2,4-Dinitrophenol	9.963	184	58223	20.368	ng	#	33
55) Dibenzofuran	10.122	168	843359	21.238	ng		98
56) 4-Nitrophenol	10.010	139	109958	20.955	ng		100
57) 2,4-Dinitrotoluene	10.098	165	189234	21.132	ng		98
58) Fluorene	10.463	166	650245	21.211	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	183513	21.272	ng		99
60) Diethylphthalate	10.333	149	704993	21.468	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	330489	20.698	ng		99
62) 4-Nitroaniline	10.474	138	142995	21.125	ng		99
63) Azobenzene	10.616	77	660935	21.665	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	91852	18.755	ng		98
66) n-Nitrosodiphenylamine	10.569	169	553905	20.756	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	210241	20.436	ng		100
68) Hexachlorobenzene	11.010	284	234399	20.613	ng		99
69) Atrazine	11.092	200	159306	24.481	ng		99
70) Pentachlorophenol	11.198	266	141842	20.227	ng		100
71) Phenanthrene	11.427	178	939782	21.038	ng		99
72) Anthracene	11.474	178	940875	20.993	ng		99
73) Carbazole	11.627	167	813998	21.096	ng		100
74) Di-n-butylphthalate	11.963	149	1089304	21.382	ng		99
75) Fluoranthene	12.610	202	1014464	21.632	ng		100
77) Benzidine	12.733	184	110648	13.463	ng		99
78) Pyrene	12.839	202	1004157	20.133	ng		99
80) Butylbenzylphthalate	13.457	149	408044	20.761	ng		98
81) Benzo(a)anthracene	14.027	228	776120	20.285	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	221168	19.999	ng		99
83) Chrysene	14.062	228	732966	21.325	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	562062	20.845	ng		99
85) Di-n-octyl phthalate	14.633	149	778373	20.740	ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	560913	20.163	ng		99
88) Benzo(b)fluoranthene	15.074	252	636808	21.886	ng		100
89) Benzo(k)fluoranthene	15.104	252	513311	20.196	ng		99
90) Benzo(a)pyrene	15.445	252	481683	20.991	ng		100
91) Dibenzo(a,h)anthracene	17.009	278	460109	20.046	ng		99
92) Benzo(g,h,i)perylene	17.439	276	455034	19.987	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141900.D
Acq On : 10 Mar 2025 12:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Mar 10 15:34:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	874166	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	493744	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	839154	20.000	ng	0.00
76) Chrysene-d12	14.039	240	569865	20.000	ng	0.00
86) Perylene-d12	15.509	264	469286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1023722	76.628	ng	0.00
7) Phenol-d6	6.504	99	1285980	75.580	ng	0.00
23) Nitrobenzene-d5	7.445	82	1216280	77.983	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	493945	78.949	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2475837	76.357	ng	0.00
79) Terphenyl-d14	12.986	244	2908357	75.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	224795	40.148	ng	100
3) Pyridine	3.440	79	544434	39.565	ng	100
4) n-Nitrosodimethylamine	3.393	42	259739	39.710	ng	100
6) Aniline	6.545	93	653060	38.879	ng	100
8) 2-Chlorophenol	6.669	128	561230	37.902	ng	100
9) Benzaldehyde	6.434	77	346818	36.467	ng	100
10) Phenol	6.522	94	684724	38.141	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	510214	37.932	ng	100
12) 1,3-Dichlorobenzene	6.822	146	611938	38.242	ng	100
13) 1,4-Dichlorobenzene	6.898	146	620951	38.355	ng	100
14) 1,2-Dichlorobenzene	7.051	146	581043	38.111	ng	100
15) Benzyl Alcohol	7.022	79	528444	38.371	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	607522	37.476	ng	100
17) 2-Methylphenol	7.128	107	449433	38.190	ng	100
18) Hexachloroethane	7.392	117	230613	37.993	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	407069	37.223	ng	100
20) 3+4-Methylphenols	7.281	107	576902	38.219	ng	100
22) Acetophenone	7.292	105	804747	38.376	ng	100
24) Nitrobenzene	7.463	77	604738	39.106	ng	100
25) Isophorone	7.704	82	1049049	38.097	ng	100
26) 2-Nitrophenol	7.781	139	305349	40.295	ng	100
27) 2,4-Dimethylphenol	7.810	122	403621	38.671	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	650344	37.702	ng	100
29) 2,4-Dichlorophenol	8.016	162	500239	38.619	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	541182	37.870	ng	100
31) Naphthalene	8.186	128	1719643	38.400	ng	100
32) Benzoic acid	7.928	122	363328	39.827	ng	100
33) 4-Chloroaniline	8.228	127	613535	38.824	ng	100
34) Hexachlorobutadiene	8.304	225	355740	38.285	ng	100
35) Caprolactam	8.604	113	147056	37.335	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	555328	38.549	ng	100
37) 2-Methylnaphthalene	8.875	142	1141228	37.983	ng	100
38) 1-Methylnaphthalene	8.975	142	1089576	37.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	584322	38.814	ng	100
41) Hexachlorocyclopentadiene	9.028	237	246666	41.523	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	392696	40.014	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	384539	38.566	ng	100
46) 1,1'-Biphenyl	9.339	154	1436040	38.362	ng	100
47) 2-Chloronaphthalene	9.363	162	1077099	38.609	ng	100
48) 2-Nitroaniline	9.457	65	318068	39.690	ng	100
49) Acenaphthylene	9.780	152	1614250	39.029	ng	100
50) Dimethylphthalate	9.639	163	1312856	38.270	ng	100
51) 2,6-Dinitrotoluene	9.698	165	281695	39.486	ng	100
52) Acenaphthene	9.951	154	1132087	38.764	ng	100
53) 3-Nitroaniline	9.869	138	289208	39.481	ng	100
54) 2,4-Dinitrophenol	9.969	184	140024	38.116	ng	100
55) Dibenzofuran	10.122	168	1593454	38.266	ng	100
56) 4-Nitrophenol	10.016	139	227070	41.266	ng	100
57) 2,4-Dinitrotoluene	10.104	165	370337	39.437	ng	100
58) Fluorene	10.469	166	1213316	37.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354863	39.225	ng	100
60) Diethylphthalate	10.339	149	1319116	38.304	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	635445	37.950	ng	100
62) 4-Nitroaniline	10.480	138	284615	40.097	ng	100
63) Azobenzene	10.616	77	1229473	38.432	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	203106	40.827	ng	100
66) n-Nitrosodiphenylamine	10.574	169	1041349	38.415	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	409602	39.195	ng	100
68) Hexachlorobenzene	11.010	284	452189	39.146	ng	100
69) Atrazine	11.098	200	275084	41.614	ng	100
70) Pentachlorophenol	11.204	266	297893	41.818	ng	100
71) Phenanthrene	11.427	178	1741309	38.373	ng	100
72) Anthracene	11.480	178	1756035	38.571	ng	100
73) Carbazole	11.633	167	1524663	38.898	ng	100
74) Di-n-butylphthalate	11.963	149	1975625	38.175	ng	100
75) Fluoranthene	12.616	202	1860202	39.049	ng	100
77) Benzidine	12.733	184	410026	50.915	ng	100
78) Pyrene	12.845	202	1835917	37.567	ng	100
80) Butylbenzylphthalate	13.463	149	746613	38.769	ng	100
81) Benzo(a)anthracene	14.027	228	1451332	38.713	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	423835	39.114	ng	100
83) Chrysene	14.068	228	1294538	38.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1029987	38.985	ng	100
85) Di-n-octyl phthalate	14.633	149	1441248	39.193	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1207616	39.681	ng	100
88) Benzo(b)fluoranthene	15.080	252	1135547	35.673	ng	100
89) Benzo(k)fluoranthene	15.109	252	1130615	40.661	ng	100
90) Benzo(a)pyrene	15.451	252	972220	38.727	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1002747	39.933	ng	100
92) Benzo(g,h,i)perylene	17.451	276	999947	40.149	ng	100

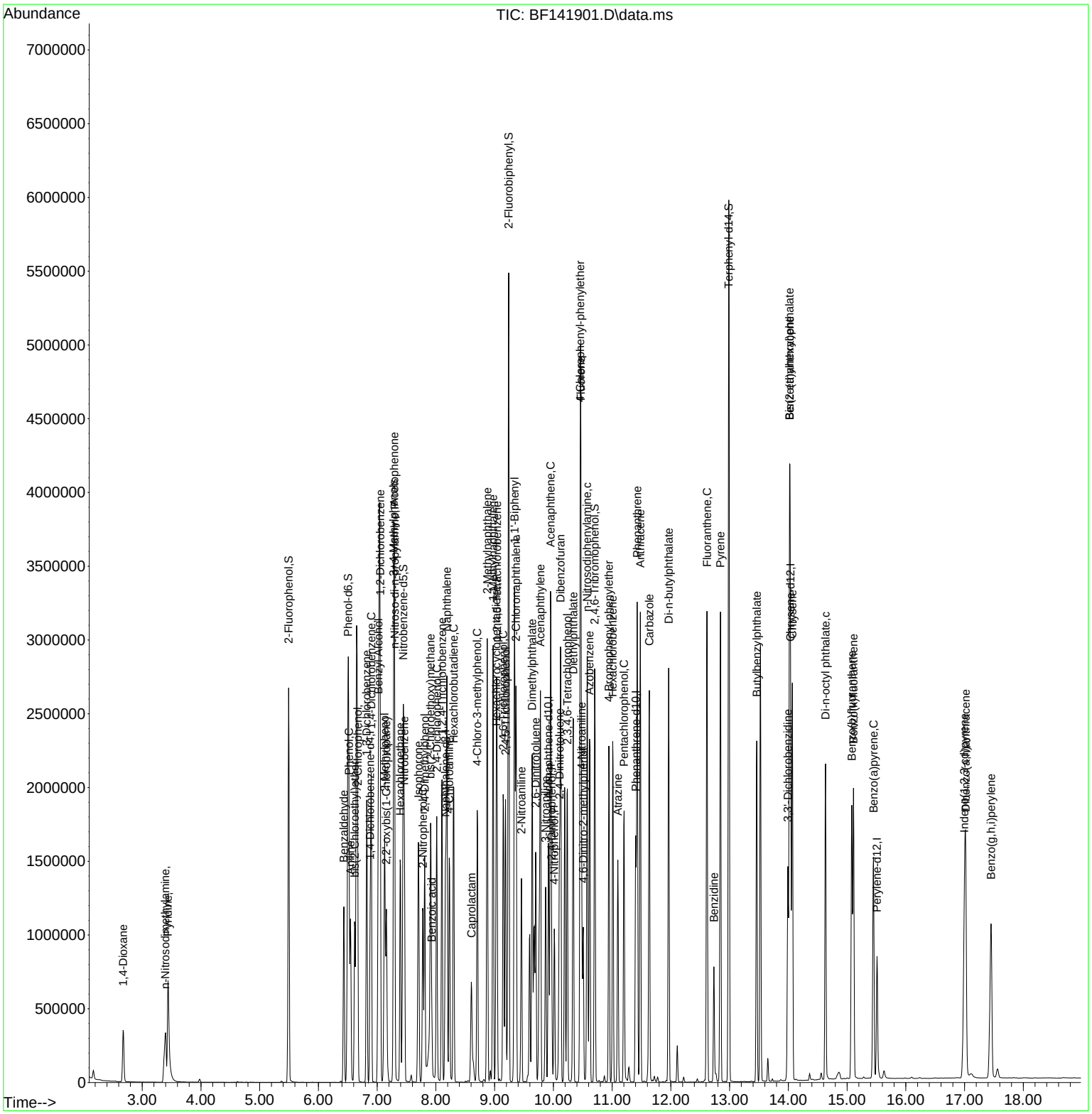
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141901.D
Acq On : 10 Mar 2025 12:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	216861	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	872222	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	497194	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	827202	20.000	ng		0.00
76) Chrysene-d12	14.045	240	468454	20.000	ng		0.00
86) Perylene-d12	15.509	264	407346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1490872	114.705	ng		0.00
7) Phenol-d6	6.510	99	1913610	115.601	ng		0.00
23) Nitrobenzene-d5	7.451	82	1899726	122.074	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	791365	125.609	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	3716590	113.827	ng		0.00
79) Terphenyl-d14	12.992	244	3982780	125.675	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	325927	59.832	ng		99
3) Pyridine	3.440	79	786537	58.753	ng		99
4) n-Nitrosodimethylamine	3.404	42	386646	60.759	ng		100
6) Aniline	6.551	93	933875	57.146	ng		99
8) 2-Chlorophenol	6.669	128	835549	58.000	ng		97
9) Benzaldehyde	6.434	77	465511	50.311	ng		100
10) Phenol	6.528	94	996848	57.074	ng		95
11) bis(2-Chloroethyl)ether	6.622	93	765071	58.464	ng		99
12) 1,3-Dichlorobenzene	6.828	146	911340	58.540	ng		99
13) 1,4-Dichlorobenzene	6.904	146	923545	58.635	ng		99
14) 1,2-Dichlorobenzene	7.057	146	873604	58.898	ng		99
15) Benzyl Alcohol	7.028	79	810347	60.480	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	957808	60.730	ng		99
17) 2-Methylphenol	7.134	107	701676	61.285	ng		99
18) Hexachloroethane	7.398	117	364561	61.734	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	644501	60.576	ng		99
20) 3+4-Methylphenols	7.292	107	868157	59.116	ng	#	81
22) Acetophenone	7.298	105	1226859	58.635	ng		97
24) Nitrobenzene	7.469	77	939508	60.889	ng		100
25) Isophorone	7.710	82	1695749	61.720	ng		100
26) 2-Nitrophenol	7.781	139	491301	64.978	ng		98
27) 2,4-Dimethylphenol	7.816	122	639505	61.408	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	1039951	60.422	ng		99
29) 2,4-Dichlorophenol	8.022	162	791904	61.272	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	870403	61.044	ng		99
31) Naphthalene	8.186	128	2545181	56.961	ng		99
32) Benzoic acid	7.951	122	634105	69.664	ng		99
33) 4-Chloroaniline	8.233	127	920015	58.348	ng		99
34) Hexachlorobutadiene	8.304	225	559955	60.397	ng		99
35) Caprolactam	8.628	113	235861	60.015	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	874022	60.807	ng		98
37) 2-Methylnaphthalene	8.875	142	1744374	58.187	ng		99
38) 1-Methylnaphthalene	8.975	142	1692113	58.285	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	903928	59.627	ng		99
41) Hexachlorocyclopentadiene	9.028	237	375919	62.842	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	597686	60.479	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	618930	61.642	ng		99
46) 1,1'-Biphenyl	9.345	154	2134829	56.634	ng		99
47) 2-Chloronaphthalene	9.369	162	1625973	57.879	ng		100
48) 2-Nitroaniline	9.463	65	495229	61.368	ng		99
49) Acenaphthylene	9.786	152	2379216	57.125	ng		99
50) Dimethylphthalate	9.651	163	2006480	58.083	ng		100
51) 2,6-Dinitrotoluene	9.704	165	441383	61.441	ng		99
52) Acenaphthene	9.957	154	1737049	59.065	ng		99
53) 3-Nitroaniline	9.875	138	449553	60.945	ng		100
54) 2,4-Dinitrophenol	9.975	184	240530	60.329	ng	#	74
55) Dibenzofuran	10.127	168	2380973	56.781	ng		100
56) 4-Nitrophenol	10.027	139	343657	62.021	ng		98
57) 2,4-Dinitrotoluene	10.110	165	571731	60.461	ng		98
58) Fluorene	10.469	166	1840654	56.859	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	546621	60.002	ng		100
60) Diethylphthalate	10.345	149	1995827	57.552	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	977819	57.993	ng		97
62) 4-Nitroaniline	10.492	138	426741	59.702	ng		100
63) Azobenzene	10.622	77	1829282	56.784	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	330315	67.356	ng		98
66) n-Nitrosodiphenylamine	10.580	169	1583832	59.270	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	608246	59.044	ng		98
68) Hexachlorobenzene	11.016	284	673465	59.144	ng		97
70) Pentachlorophenol	11.204	266	462709	65.893	ng		100
71) Phenanthrene	11.433	178	2560092	57.232	ng		100
72) Anthracene	11.486	178	2570717	57.281	ng		100
73) Carbazole	11.633	167	2213331	57.284	ng		99
74) Di-n-butylphthalate	11.963	149	2916048	57.161	ng		99
75) Fluoranthene	12.616	202	2628993	55.984	ng		99
77) Benzidine	12.733	184	386007	58.309	ng		99
78) Pyrene	12.845	202	2562337	63.781	ng		99
80) Butylbenzylphthalate	13.463	149	1008043	63.676	ng		100
81) Benzo(a)anthracene	14.033	228	1850347	60.040	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	553078	62.091	ng		100
83) Chrysene	14.068	228	1705257	61.596	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1337474	61.582	ng		99
85) Di-n-octyl phthalate	14.633	149	1953184	64.613	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1799372	68.115	ng		100
88) Benzo(b)fluoranthene	15.080	252	1698744	61.481	ng		99
89) Benzo(k)fluoranthene	15.115	252	1478389	61.253	ng		100
90) Benzo(a)pyrene	15.451	252	1323726	60.747	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1459934	66.981	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1425582	65.942	ng		99

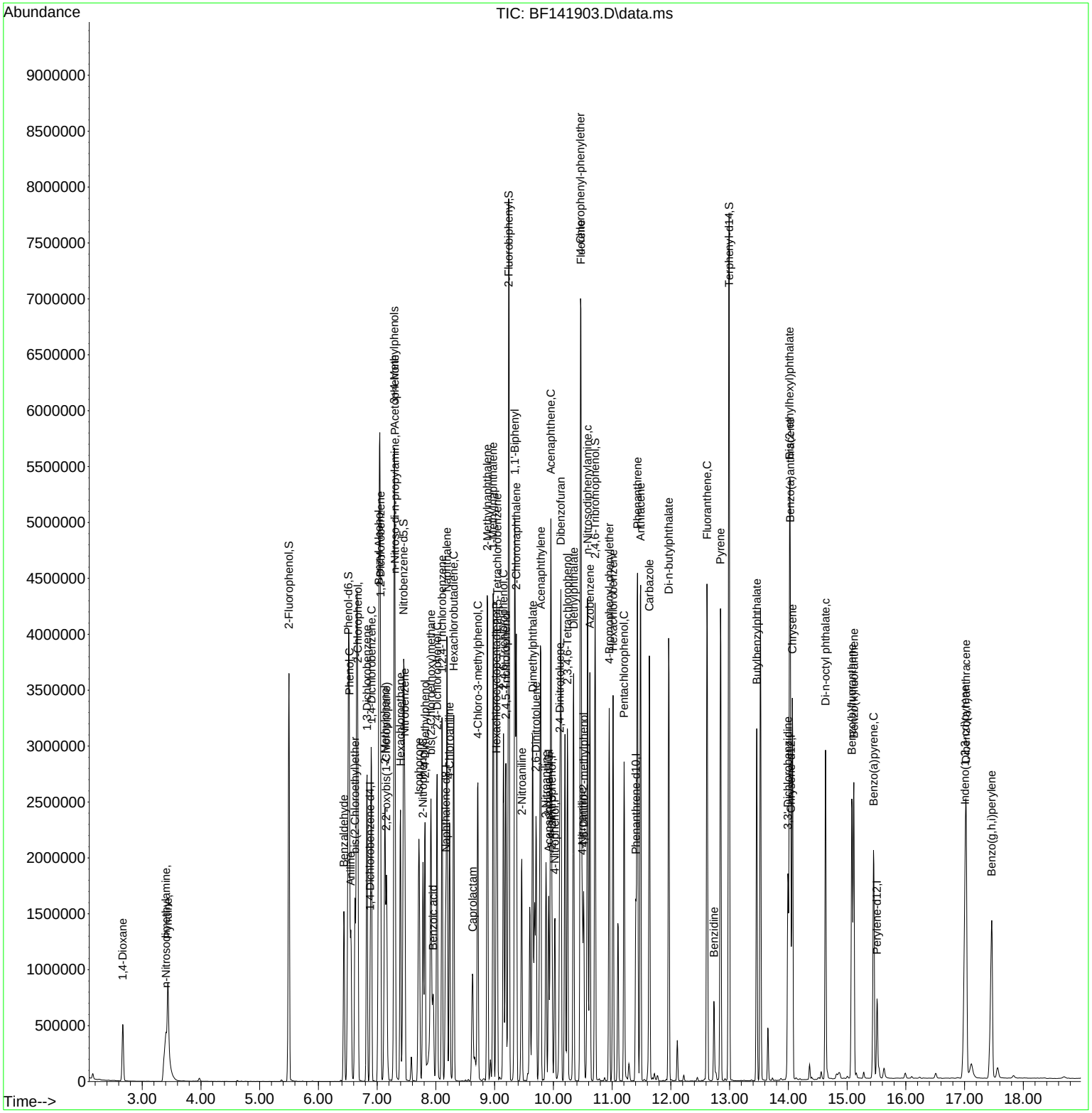
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141903.D
Acq On : 10 Mar 2025 13:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Mar 10 15:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	214737	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	826030	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	452864	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	738472	20.000	ng		0.00
76) Chrysene-d12	14.045	240	424370	20.000	ng		0.00
86) Perylene-d12	15.510	264	391768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1930406	149.991	ng		0.00
7) Phenol-d6	6.522	99	2446183	149.235	ng		0.02
23) Nitrobenzene-d5	7.457	82	2335417	158.463	ng		0.01
42) 2,4,6-Tribromophenol	10.716	330	986206	171.858	ng		0.01
45) 2-Fluorobiphenyl	9.245	172	4513418	151.763	ng		0.00
79) Terphenyl-d14	12.992	244	4700026	163.713	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	436007	80.831	ng		98
3) Pyridine	3.440	79	1059473	79.923	ng		99
4) n-Nitrosodimethylamine	3.416	42	521442	82.752	ng		99
6) Aniline	6.563	93	1160437	71.712	ng		99
8) 2-Chlorophenol	6.675	128	1078659	75.616	ng		98
10) Phenol	6.534	94	1285145	74.308	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	968280	74.725	ng		99
12) 1,3-Dichlorobenzene	6.828	146	1173924	76.153	ng		100
13) 1,4-Dichlorobenzene	6.904	146	1181975	75.784	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1093316	74.440	ng		99
15) Benzyl Alcohol	7.034	79	1013314	76.376	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1127534	72.198	ng		98
17) 2-Methylphenol	7.134	107	876665	77.326	ng		98
18) Hexachloroethane	7.398	117	448765	76.745	ng		96
19) n-Nitroso-di-n-propyla...	7.316	70	783318	74.351	ng		100
20) 3+4-Methylphenols	7.298	107	1050191	72.219	ng	#	84
22) Acetophenone	7.304	105	1496035	75.498	ng	#	95
24) Nitrobenzene	7.475	77	1162753	79.572	ng		100
25) Isophorone	7.722	82	2056405	79.032	ng		100
26) 2-Nitrophenol	7.787	139	599261	83.688	ng		99
27) 2,4-Dimethylphenol	7.822	122	767514	77.821	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	1248549	76.598	ng		100
29) 2,4-Dichlorophenol	8.028	162	971886	79.403	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	1062793	78.705	ng		99
31) Naphthalene	8.192	128	3152444	74.497	ng		99
32) Benzoic acid	7.975	122	795850	92.323	ng		98
33) 4-Chloroaniline	8.239	127	1088546	72.896	ng		100
34) Hexachlorobutadiene	8.304	225	713827	81.299	ng		99
35) Caprolactam	8.639	113	311758m	83.763	ng		
36) 4-Chloro-3-methylphenol	8.716	107	1056917	77.644	ng		99
37) 2-Methylnaphthalene	8.881	142	2129990	75.023	ng		100
38) 1-Methylnaphthalene	8.981	142	2050191	74.568	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1127671	81.667	ng		98
41) Hexachlorocyclopentadiene	9.028	237	463300	85.031	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	741710	82.399	ng		100
44) 2,4,5-Trichlorophenol	9.198	196	736926	80.579	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.345	154	2626697	76.503	ng		99
47)	2-Chloronaphthalene	9.369	162	1992242	77.859	ng		99
48)	2-Nitroaniline	9.463	65	597778	81.326	ng		98
49)	Acenaphthylene	9.786	152	2878496	75.877	ng		99
50)	Dimethylphthalate	9.657	163	2428843	77.192	ng		100
51)	2,6-Dinitrotoluene	9.710	165	529139	80.867	ng		99
52)	Acenaphthene	9.957	154	2085941	77.872	ng		99
53)	3-Nitroaniline	9.881	138	526980	78.435	ng		100
54)	2,4-Dinitrophenol	9.981	184	305399	81.479	ng	#	55
55)	Dibenzofuran	10.128	168	2844432	74.474	ng		99
56)	4-Nitrophenol	10.033	139	416153	82.456	ng		97
57)	2,4-Dinitrotoluene	10.116	165	681278	79.099	ng		95
58)	Fluorene	10.475	166	2210653	74.974	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	668027	80.507	ng		99
60)	Diethylphthalate	10.345	149	2358921	74.681	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	1209021	78.724	ng		97
62)	4-Nitroaniline	10.504	138	502894	77.243	ng		98
63)	Azobenzene	10.622	77	2168742	73.911	ng		99
65)	4,6-Dinitro-2-methylph...	10.522	198	404505	92.396	ng		98
66)	n-Nitrosodiphenylamine	10.586	169	1882098	78.895	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	774645	84.232	ng		95
68)	Hexachlorobenzene	11.016	284	862357	84.832	ng		97
70)	Pentachlorophenol	11.210	266	563030	89.813	ng		100
71)	Phenanthrene	11.433	178	3020950	75.649	ng		99
72)	Anthracene	11.486	178	3031014	75.653	ng		99
73)	Carbazole	11.639	167	2552563	74.002	ng		98
74)	Di-n-butylphthalate	11.969	149	3342776	73.399	ng		99
75)	Fluoranthene	12.622	202	3005566	71.694	ng		99
77)	Benzidine	12.733	184	427770	71.330	ng		99
78)	Pyrene	12.851	202	2930115	80.513	ng		99
80)	Butylbenzylphthalate	13.463	149	1149989	80.189	ng		99
81)	Benzo(a)anthracene	14.033	228	2196935	78.692	ng		100
82)	3,3'-Dichlorobenzidine	13.998	252	652678	80.884	ng		99
83)	Chrysene	14.074	228	2018832	80.498	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.021	149	1573231	79.962	ng		98
85)	Di-n-octyl phthalate	14.633	149	2310836	84.386	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.009	276	2238588	88.111	ng		99
88)	Benzo(b)fluoranthene	15.086	252	2246428	84.536	ng		99
89)	Benzo(k)fluoranthene	15.116	252	1631675	70.292	ng		99
90)	Benzo(a)pyrene	15.457	252	1725632	82.339	ng		100
91)	Dibenzo(a,h)anthracene	17.033	278	1846778	88.098	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	1828662	87.950	ng		99

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

ICAL Form

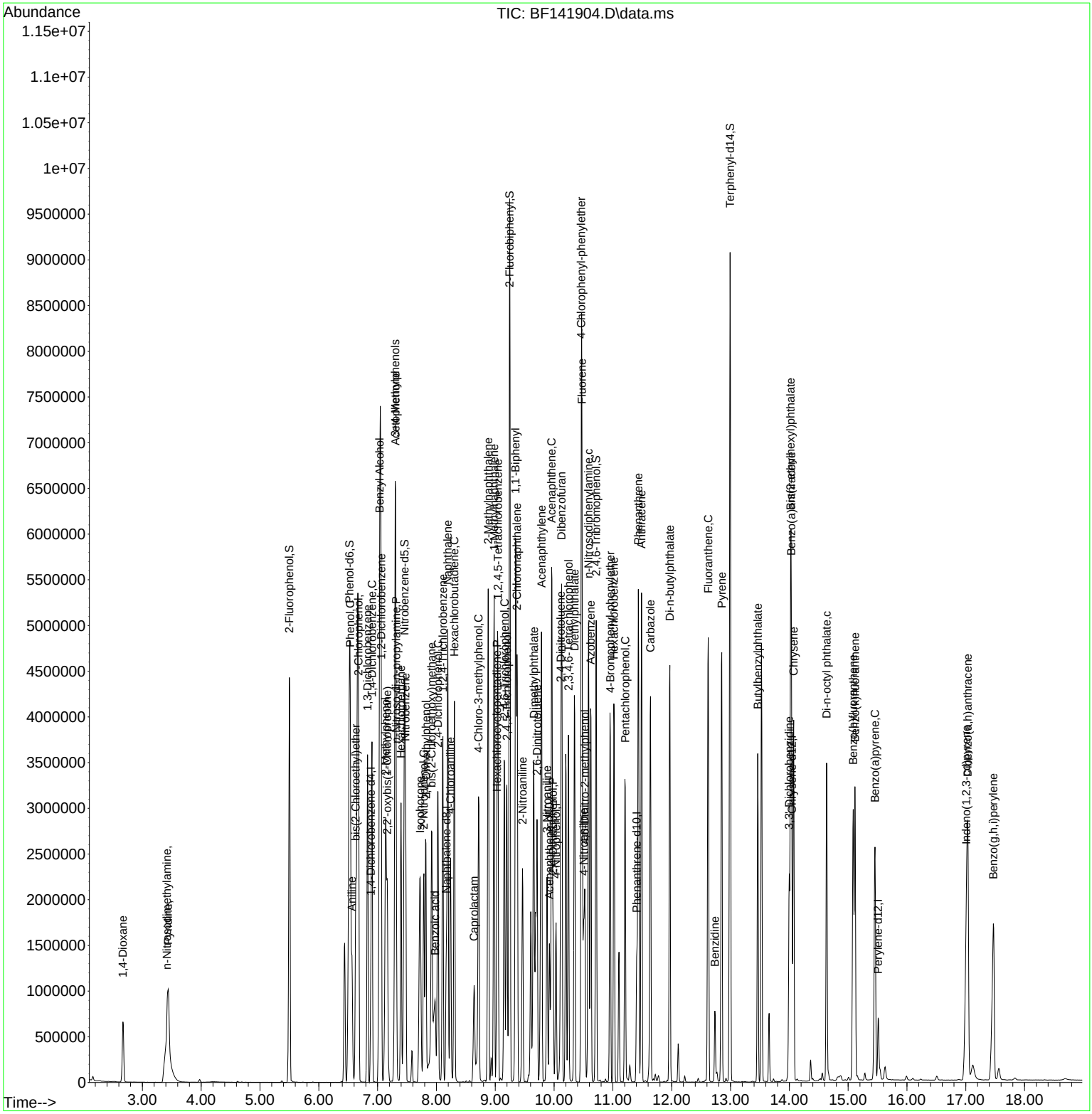
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	215017	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	877329	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	481971	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	811142	20.000	ng		0.00
76) Chrysene-d12	14.045	240	491943	20.000	ng		0.00
86) Perylene-d12	15.509	264	413564	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1249601	96.967	ng		0.00
7) Phenol-d6	6.504	99	1594608	97.156	ng		0.00
23) Nitrobenzene-d5	7.445	82	1507471	96.304	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	625035	102.342	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	3064989	96.836	ng		0.00
79) Terphenyl-d14	12.992	244	3394803	102.007	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	266045	49.258	ng		99
3) Pyridine	3.434	79	646627	48.716	ng		99
4) n-Nitrosodimethylamine	3.398	42	320008	50.718	ng		99
6) Aniline	6.545	93	775854	47.884	ng		99
8) 2-Chlorophenol	6.669	128	696154	48.738	ng		100
9) Benzaldehyde	6.434	77	418049	45.569	ng		99
10) Phenol	6.522	94	829086	47.876	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	631516	48.672	ng		100
12) 1,3-Dichlorobenzene	6.822	146	753352	48.807	ng		99
13) 1,4-Dichlorobenzene	6.898	146	756875	48.465	ng		100
14) 1,2-Dichlorobenzene	7.051	146	706635	48.049	ng		100
15) Benzyl Alcohol	7.022	79	652454	49.113	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	745710	47.687	ng		100
17) 2-Methylphenol	7.128	107	557981	49.153	ng		99
18) Hexachloroethane	7.392	117	290127	49.551	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	505166	47.887	ng		99
20) 3+4-Methylphenols	7.286	107	704563	48.388	ng	#	86
22) Acetophenone	7.292	105	987577	46.924	ng		97
24) Nitrobenzene	7.463	77	752936	48.514	ng		99
25) Isophorone	7.704	82	1327254	48.027	ng		99
26) 2-Nitrophenol	7.781	139	392772	51.644	ng		100
27) 2,4-Dimethylphenol	7.810	122	510395	48.725	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	826776	47.757	ng		100
29) 2,4-Dichlorophenol	8.016	162	647319	49.793	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	697274	48.617	ng		99
31) Naphthalene	8.186	128	2196111	48.863	ng		100
32) Benzoic acid	7.939	122	500593	54.676	ng		100
33) 4-Chloroaniline	8.233	127	775699	48.909	ng		99
34) Hexachlorobutadiene	8.304	225	469787	50.376	ng		99
35) Caprolactam	8.616	113	193267	48.891	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	721800	49.925	ng		100
37) 2-Methylnaphthalene	8.875	142	1436485	47.638	ng		100
38) 1-Methylnaphthalene	8.975	142	1357356	46.482	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	719431	48.955	ng		99
41) Hexachlorocyclopentadiene	9.027	237	284968	49.142	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	481782	50.291	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	482570	49.580	ng		99
46) 1,1'-Biphenyl	9.339	154	1809746	49.526	ng		99
47) 2-Chloronaphthalene	9.369	162	1360528	49.960	ng		99
48) 2-Nitroaniline	9.457	65	429111	54.854	ng		97
49) Acenaphthylene	9.780	152	2005538	49.674	ng		100
50) Dimethylphthalate	9.645	163	1716995	51.273	ng		100
51) 2,6-Dinitrotoluene	9.704	165	370368	53.184	ng		96
52) Acenaphthene	9.957	154	1377901	48.333	ng		98
53) 3-Nitroaniline	9.874	138	340633	47.638	ng		100
54) 2,4-Dinitrophenol	9.975	184	184410	49.104	ng	#	58
55) Dibenzofuran	10.127	168	1936780	47.647	ng		99
56) 4-Nitrophenol	10.022	139	276487	51.474	ng		99
57) 2,4-Dinitrotoluene	10.104	165	461276	50.321	ng		97
58) Fluorene	10.469	166	1497123	47.708	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	438025	49.600	ng		100
60) Diethylphthalate	10.339	149	1635073	48.639	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	799744	48.929	ng		99
62) 4-Nitroaniline	10.486	138	346378	49.990	ng		99
63) Azobenzene	10.622	77	1519356	48.653	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	262910	54.673	ng		99
66) n-Nitrosodiphenylamine	10.580	169	1293745	49.373	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	532762	52.740	ng		97
68) Hexachlorobenzene	11.016	284	573467	51.359	ng		97
69) Atrazine	11.104	200	418147	65.441	ng		99
70) Pentachlorophenol	11.204	266	365292	53.050	ng		99
71) Phenanthrene	11.433	178	2080633	47.434	ng		100
72) Anthracene	11.480	178	2081490	47.299	ng		99
73) Carbazole	11.633	167	1831424	48.338	ng		99
74) Di-n-butylphthalate	11.963	149	2510447	50.185	ng		99
75) Fluoranthene	12.616	202	2328357	50.564	ng		99
77) Benzidine	12.733	184	270893	38.966	ng		99
78) Pyrene	12.845	202	2308671	54.723	ng		100
80) Butylbenzylphthalate	13.463	149	864849	52.022	ng		99
81) Benzo(a)anthracene	14.033	228	1592035	49.192	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	449408	48.044	ng		99
83) Chrysene	14.068	228	1465389	50.404	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1203021	52.747	ng		99
85) Di-n-octyl phthalate	14.633	149	1692206	53.307	ng		100
87) Indeno(1,2,3-cd)pyrene	17.003	276	1366974	50.969	ng		99
88) Benzo(b)fluoranthene	15.080	252	1392083	49.625	ng		99
89) Benzo(k)fluoranthene	15.109	252	1167351	47.638	ng		100
90) Benzo(a)pyrene	15.451	252	1119256	50.591	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1131875	51.149	ng		99
92) Benzo(g,h,i)perylene	17.456	276	1099760	50.106	ng		99

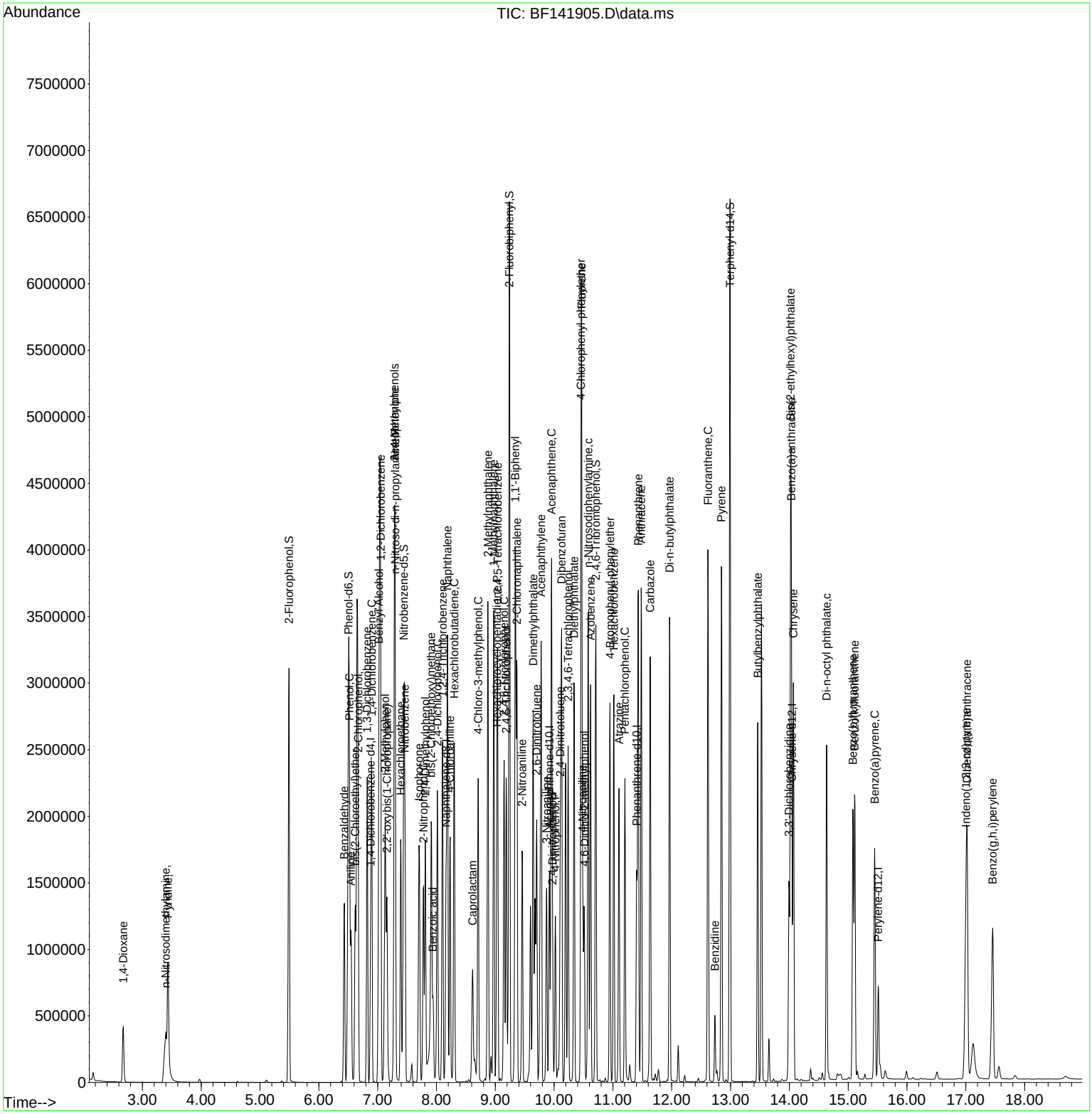
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141905.D
Acq On : 10 Mar 2025 15:20
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Mar 10 15:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	209747	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	840616	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	483165	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	813672	20.000	ng	0.00
76) Chrysene-d12	14.039	240	523890	20.000	ng	0.00
86) Perylene-d12	15.510	264	426422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	965473	76.823	ng	0.00
7) Phenol-d6	6.504	99	1231487	76.962	ng	0.00
23) Nitrobenzene-d5	7.445	82	1179480	78.962	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	486334	79.342	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2399526	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	2825870	79.748	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	203628	38.670	ng	99
3) Pyridine	3.428	79	504398	39.050	ng	99
4) n-Nitrosodimethylamine	3.387	42	239879	38.959	ng	97
6) Aniline	6.545	93	614962	38.958	ng	98
8) 2-Chlorophenol	6.669	128	539701	38.721	ng	99
9) Benzaldehyde	6.434	77	339615	37.950	ng	99
10) Phenol	6.516	94	658449	39.115	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	483438	38.246	ng	99
12) 1,3-Dichlorobenzene	6.822	146	577700	38.391	ng	100
13) 1,4-Dichlorobenzene	6.898	146	584132	38.366	ng	99
14) 1,2-Dichlorobenzene	7.051	146	555621	38.744	ng	100
15) Benzyl Alcohol	7.022	79	509792	39.408	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	569783	37.338	ng	100
17) 2-Methylphenol	7.128	107	429715	38.775	ng	99
18) Hexachloroethane	7.392	117	221507	38.797	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	391096	38.038	ng	100
20) 3+4-Methylphenols	7.281	107	548208	38.619	ng	99
22) Acetophenone	7.292	105	757917	37.650	ng	98
24) Nitrobenzene	7.463	77	578836	38.980	ng	99
25) Isophorone	7.704	82	1007659	38.163	ng	100
26) 2-Nitrophenol	7.775	139	294657	40.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	385504	38.414	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	628379	37.943	ng	100
29) 2,4-Dichlorophenol	8.016	162	485205	38.952	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	526250	38.336	ng	100
31) Naphthalene	8.187	128	1633401	37.827	ng	100
32) Benzoic acid	7.928	122	373179	42.303	ng	99
33) 4-Chloroaniline	8.228	127	592172	38.847	ng	99
34) Hexachlorobutadiene	8.304	225	347789	38.849	ng	99
35) Caprolactam	8.604	113	141562	37.276	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	535661	38.550	ng	99
37) 2-Methylnaphthalene	8.875	142	1094895	37.935	ng	100
38) 1-Methylnaphthalene	8.975	142	1071850	38.484	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	561804	38.191	ng	99
41) Hexachlorocyclopentadiene	9.028	237	220386	38.281	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	377743	39.292	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372564	38.263	ng	99
46) 1,1'-Biphenyl	9.339	154	1401736	38.182	ng	100
47) 2-Chloronaphthalene	9.363	162	1042241	38.090	ng	99
48) 2-Nitroaniline	9.457	65	308259	38.908	ng	99
49) Acenaphthylene	9.781	152	1531852	37.725	ng	100
50) Dimethylphthalate	9.639	163	1272572	37.611	ng	100
51) 2,6-Dinitrotoluene	9.698	165	274531	38.970	ng	99
52) Acenaphthene	9.951	154	1095922	38.405	ng	100
53) 3-Nitroaniline	9.869	138	275555	38.561	ng	99
54) 2,4-Dinitrophenol	9.969	184	142831	39.326	ng	95
55) Dibenzofuran	10.122	168	1540381	37.778	ng	100
56) 4-Nitrophenol	10.016	139	212462	39.425	ng	99
57) 2,4-Dinitrotoluene	10.104	165	361518	39.291	ng	99
58) Fluorene	10.469	166	1175392	37.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346168	39.070	ng	99
60) Diethylphthalate	10.339	149	1293401	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	627404	38.272	ng	99
62) 4-Nitroaniline	10.480	138	270993	38.953	ng	99
63) Azobenzene	10.622	77	1189121	37.911	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	200888	41.415	ng	99
66) n-Nitrosodiphenylamine	10.575	169	1008029	38.283	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	398683	39.015	ng	98
68) Hexachlorobenzene	11.016	284	445938	39.789	ng	96
69) Atrazine	11.098	200	257856	31.945	ng	99
70) Pentachlorophenol	11.204	266	289713	41.955	ng	100
71) Phenanthrene	11.427	178	1685770	38.357	ng	100
72) Anthracene	11.480	178	1675103	37.991	ng	100
73) Carbazole	11.633	167	1451333	38.167	ng	99
74) Di-n-butylphthalate	11.963	149	1953516	38.717	ng	100
75) Fluoranthene	12.616	202	1750317	37.545	ng	100
77) Benzidine	12.733	184	420377	57.513	ng	100
78) Pyrene	12.845	202	1746456	38.539	ng	100
80) Butylbenzylphthalate	13.463	149	723288	40.778	ng	99
81) Benzo(a)anthracene	14.027	228	1347977	39.211	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	380866	38.337	ng	100
83) Chrysene	14.068	228	1159074	37.195	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1006170	41.142	ng	99
85) Di-n-octyl phthalate	14.633	149	1394136	40.971	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1061096	38.467	ng	99
88) Benzo(b)fluoranthene	15.080	252	1166263	39.906	ng	99
89) Benzo(k)fluoranthene	15.110	252	869471	34.765	ng	100
90) Benzo(a)pyrene	15.451	252	882967	38.612	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	886038	38.931	ng	99
92) Benzo(g,h,i)perylene	17.451	276	855812	38.051	ng	99

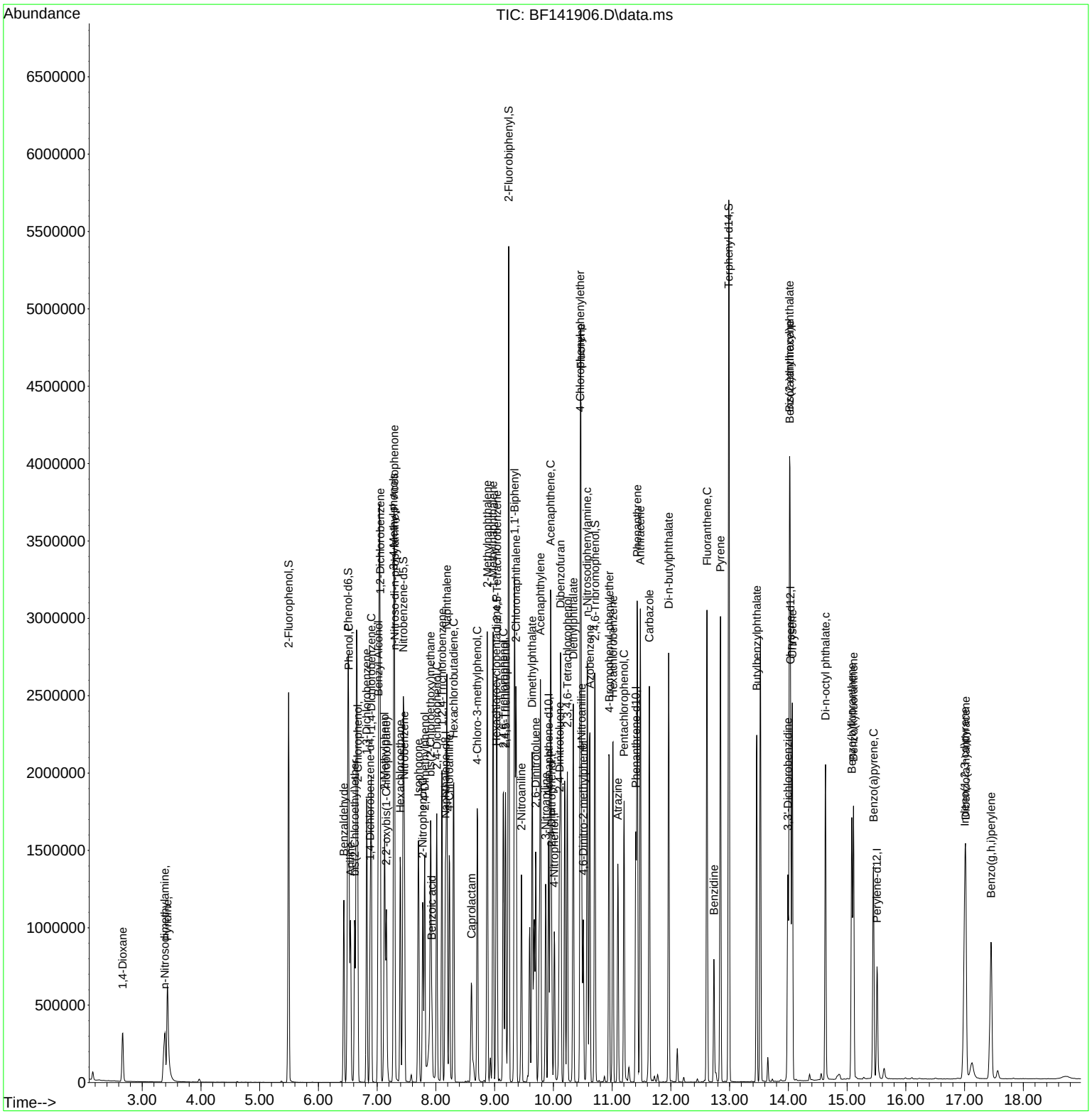
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
2		1,4-Dioxane	0.502	0.485	3.4	91	0.00
3		Pyridine	1.232	1.202	2.4	93	-0.01
4		n-Nitrosodimethylamine	0.587	0.572	2.6	92	0.00
5	S	2-Fluorophenol	1.198	1.151	3.9	94	0.00
6		Aniline	1.505	1.466	2.6	94	0.00
7	S	Phenol-d6	1.526	1.468	3.8	96	0.00
8		2-Chlorophenol	1.329	1.287	3.2	96	0.00
9		Benzaldehyde	0.853	0.810	5.0	98	0.00
10	C	Phenol	1.605	1.570	2.2	96	0.00
11		bis(2-Chloroethyl)ether	1.205	1.152	4.4	95	0.00
12		1,3-Dichlorobenzene	1.435	1.377	4.0	94	0.00
13	C	1,4-Dichlorobenzene	1.452	1.392	4.1	94	0.00
14		1,2-Dichlorobenzene	1.367	1.325	3.1	96	0.00
15		Benzyl Alcohol	1.233	1.215	1.5	96	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.358	6.7	94	0.00
17		2-Methylphenol	1.057	1.024	3.1	96	0.00
18		Hexachloroethane	0.544	0.528	2.9	96	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.932	4.9	96	0.00
20		3+4-Methylphenols	1.354	1.307	3.5	95	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22		Acetophenone	0.479	0.451	5.8	94	0.00
23	S	Nitrobenzene-d5	0.355	0.351	1.1	97	0.00
24		Nitrobenzene	0.353	0.344	2.5	96	0.00
25		Isophorone	0.628	0.599	4.6	96	0.00
26	C	2-Nitrophenol	0.173	0.175	-1.2	96	0.00
27		2,4-Dimethylphenol	0.239	0.229	4.2	96	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.374	5.1	97	0.00
29	C	2,4-Dichlorophenol	0.296	0.289	2.4	97	0.00
30		1,2,4-Trichlorobenzene	0.327	0.313	4.3	97	0.00
31		Naphthalene	1.027	0.972	5.4	95	0.00
32		Benzoic acid	0.210	0.222	-5.7	103	0.00
33		4-Chloroaniline	0.363	0.352	3.0	97	0.00
34	C	Hexachlorobutadiene	0.213	0.207	2.8	98	0.00
35		Caprolactam	0.090	0.084	6.7	96	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.319	3.6	96	0.00
37		2-Methylnaphthalene	0.687	0.651	5.2	96	0.00
38		1-Methylnaphthalene	0.663	0.638	3.8	98	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.581	4.6	96	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.228	4.2	89	0.00
42	S	2,4,6-Tribromophenol	0.254	0.252	0.8	98	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.391	1.8	96	0.00
44		2,4,5-Trichlorophenol	0.403	0.386	4.2	97	0.00
45	S	2-Fluorobiphenyl	1.315	1.242	5.6	97	0.00
46		1,1'-Biphenyl	1.520	1.451	4.5	98	0.00
47		2-Chloronaphthalene	1.133	1.079	4.8	97	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.328	0.319	2.7	97	0.00
49		Acenaphthylene	1.681	1.585	5.7	95	0.00
50		Dimethylphthalate	1.401	1.317	6.0	97	0.00
51		2,6-Dinitrotoluene	0.292	0.284	2.7	97	0.00
52	C	Acenaphthene	1.181	1.134	4.0	97	0.00
53		3-Nitroaniline	0.296	0.285	3.7	95	0.00
54	P	2,4-Dinitrophenol	0.139	0.148	-6.5	102	0.00
55		Dibenzofuran	1.688	1.594	5.6	97	0.00
56	P	4-Nitrophenol	0.223	0.220	1.3	94	0.00
57		2,4-Dinitrotoluene	0.381	0.374	1.8	98	0.00
58		Fluorene	1.302	1.216	6.6	97	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.358	2.5	98	0.00
60		Diethylphthalate	1.397	1.338	4.2	98	0.00
61		4-Chlorophenyl-phenylether	0.679	0.649	4.4	99	0.00
62		4-Nitroaniline	0.288	0.280	2.8	95	0.00
63		Azobenzene	1.298	1.231	5.2	97	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.123	-3.4	99	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.619	4.3	97	0.00
67		4-Bromophenyl-phenylether	0.251	0.245	2.4	97	0.00
68		Hexachlorobenzene	0.275	0.274	0.4	99	0.00
69		Atrazine	0.198	0.158	20.2	94	0.00
70	C	Pentachlorophenol	0.170	0.178	-4.7	97	0.00
71		Phenanthrene	1.080	1.036	4.1	97	0.00
72		Anthracene	1.084	1.029	5.1	95	0.00
73		Carbazole	0.935	0.892	4.6	95	0.00
74		Di-n-butylphthalate	1.240	1.200	3.2	99	0.00
75	C	Fluoranthene	1.146	1.076	6.1	94	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	92	0.00
77		Benzidine	0.279	0.401	-43.7#	103	0.00
78		Pyrene	1.730	1.667	3.6	95	0.00
79	S	Terphenyl-d14	1.353	1.349	0.3	97	0.00
80		Butylbenzylphthalate	0.677	0.690	-1.9	97	0.00
81		Benzo(a)anthracene	1.312	1.287	1.9	93	0.00
82		3,3'-Dichlorobenzidine	0.379	0.363	4.2	90	0.00
83		Chrysene	1.190	1.106	7.1	90	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.960	-2.8	98	0.00
85	c	Di-n-octyl phthalate	1.299	1.331	-2.5	97	0.00
86	I	Perylene-d12	1.000	1.000	0.0	91	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.244	3.9	88	0.00
88		Benzo(b)fluoranthene	1.371	1.367	0.3	103	0.00
89		Benzo(k)fluoranthene	1.173	1.019	13.1	77	0.00
90	C	Benzo(a)pyrene	1.073	1.035	3.5	91	0.00
91		Dibenzo(a,h)anthracene	1.067	1.039	2.6	88	0.00
92		Benzo(g,h,i)perylene	1.055	1.003	4.9	86	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	94	0.00
2		1,4-Dioxane	40.000	38.670	3.3	91	0.00
3		Pyridine	40.000	39.050	2.4	93	-0.01
4		n-Nitrosodimethylamine	40.000	38.959	2.6	92	0.00
5	S	2-Fluorophenol	80.000	76.823	4.0	94	0.00
6		Aniline	40.000	38.958	2.6	94	0.00
7	S	Phenol-d6	80.000	76.962	3.8	96	0.00
8		2-Chlorophenol	40.000	38.721	3.2	96	0.00
9		Benzaldehyde	40.000	37.950	5.1	98	0.00
10	C	Phenol	40.000	39.115	2.2	96	0.00
11		bis(2-Chloroethyl)ether	40.000	38.246	4.4	95	0.00
12		1,3-Dichlorobenzene	40.000	38.391	4.0	94	0.00
13	C	1,4-Dichlorobenzene	40.000	38.366	4.1	94	0.00
14		1,2-Dichlorobenzene	40.000	38.744	3.1	96	0.00
15		Benzyl Alcohol	40.000	39.408	1.5	96	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.338	6.7	94	0.00
17		2-Methylphenol	40.000	38.775	3.1	96	0.00
18		Hexachloroethane	40.000	38.797	3.0	96	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.038	4.9	96	0.00
20		3+4-Methylphenols	40.000	38.619	3.5	95	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22		Acetophenone	40.000	37.650	5.9	94	0.00
23	S	Nitrobenzene-d5	80.000	78.962	1.3	97	0.00
24		Nitrobenzene	40.000	38.980	2.6	96	0.00
25		Isophorone	40.000	38.163	4.6	96	0.00
26	C	2-Nitrophenol	40.000	40.429	-1.1	96	0.00
27		2,4-Dimethylphenol	40.000	38.414	4.0	96	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.943	5.1	97	0.00
29	C	2,4-Dichlorophenol	40.000	38.952	2.6	97	0.00
30		1,2,4-Trichlorobenzene	40.000	38.336	4.2	97	0.00
31		Naphthalene	40.000	37.827	5.4	95	0.00
32		Benzoic acid	40.000	42.303	-5.8	103	0.00
33		4-Chloroaniline	40.000	38.847	2.9	97	0.00
34	C	Hexachlorobutadiene	40.000	38.849	2.9	98	0.00
35		Caprolactam	40.000	37.276	6.8	96	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.550	3.6	96	0.00
37		2-Methylnaphthalene	40.000	37.935	5.2	96	0.00
38		1-Methylnaphthalene	40.000	38.484	3.8	98	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.191	4.5	96	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.281	4.3	89	0.00
42	S	2,4,6-Tribromophenol	80.000	79.342	0.8	98	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.292	1.8	96	0.00
44		2,4,5-Trichlorophenol	40.000	38.263	4.3	97	0.00
45	S	2-Fluorobiphenyl	80.000	75.528	5.6	97	0.00
46		1,1'-Biphenyl	40.000	38.182	4.5	98	0.00
47		2-Chloronaphthalene	40.000	38.090	4.8	97	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.908	2.7	97	0.00
49		Acenaphthylene	40.000	37.725	5.7	95	0.00
50		Dimethylphthalate	40.000	37.611	6.0	97	0.00
51		2,6-Dinitrotoluene	40.000	38.970	2.6	97	0.00
52	C	Acenaphthene	40.000	38.405	4.0	97	0.00
53		3-Nitroaniline	40.000	38.561	3.6	95	0.00
54	P	2,4-Dinitrophenol	40.000	39.326	1.7	102	0.00
55		Dibenzofuran	40.000	37.778	5.6	97	0.00
56	P	4-Nitrophenol	40.000	39.425	1.4	94	0.00
57		2,4-Dinitrotoluene	40.000	39.291	1.8	98	0.00
58		Fluorene	40.000	37.381	6.5	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.070	2.3	98	0.00
60		Diethylphthalate	40.000	38.337	4.2	98	0.00
61		4-Chlorophenyl-phenylether	40.000	38.272	4.3	99	0.00
62		4-Nitroaniline	40.000	38.953	2.6	95	0.00
63		Azobenzene	40.000	37.911	5.2	97	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.415	-3.5	99	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.283	4.3	97	0.00
67		4-Bromophenyl-phenylether	40.000	39.015	2.5	97	0.00
68		Hexachlorobenzene	40.000	39.789	0.5	99	0.00
69		Atrazine	40.000	31.945	20.1	94	0.00
70	C	Pentachlorophenol	40.000	41.955	-4.9	97	0.00
71		Phenanthrene	40.000	38.357	4.1	97	0.00
72		Anthracene	40.000	37.991	5.0	95	0.00
73		Carbazole	40.000	38.167	4.6	95	0.00
74		Di-n-butylphthalate	40.000	38.717	3.2	99	0.00
75	C	Fluoranthene	40.000	37.545	6.1	94	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	92	0.00
77		Benzidine	40.000	57.513	-43.8#	103	0.00
78		Pyrene	40.000	38.539	3.7	95	0.00
79	S	Terphenyl-d14	80.000	79.748	0.3	97	0.00
80		Butylbenzylphthalate	40.000	40.778	-1.9	97	0.00
81		Benzo(a)anthracene	40.000	39.211	2.0	93	0.00
82		3,3'-Dichlorobenzidine	40.000	38.337	4.2	90	0.00
83		Chrysene	40.000	37.195	7.0	90	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.142	-2.9	98	0.00
85	c	Di-n-octyl phthalate	40.000	40.971	-2.4	97	0.00
86	I	Perylene-d12	20.000	20.000	0.0	91	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.467	3.8	88	0.00
88		Benzo(b)fluoranthene	40.000	39.906	0.2	103	0.00
89		Benzo(k)fluoranthene	40.000	34.765	13.1	77	0.00
90	C	Benzo(a)pyrene	40.000	38.612	3.5	91	0.00
91		Dibenzo(a,h)anthracene	40.000	38.931	2.7	88	0.00
92		Benzo(g,h,i)perylene	40.000	38.051	4.9	86	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BF142045.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date/Time: 03/24/2025 10:17

Lab File ID: BF142045.D Init. Calib. Date(s): 03/10/2025 03/10/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.135		-5.3	
Benzaldehyde	0.853	0.810		-5.0	
Phenol-d6	1.526	1.423		-6.8	
Phenol	1.605	1.494		-6.9	20.0
bis(2-Chloroethyl)ether	1.205	1.092		-9.4	
2-Chlorophenol	1.329	1.251		-5.9	
2-Methylphenol	1.057	0.966		-8.6	
2,2-oxybis(1-Chloropropane)	1.455	1.202		-17.4	
Acetophenone	0.479	0.446		-6.9	
3+4-Methylphenols	1.354	1.242		-8.3	
n-Nitroso-di-n-propylamine	0.980	0.824	0.050	-15.9	
Nitrobenzene-d5	0.355	0.342		-3.7	
Hexachloroethane	0.544	0.511		-6.1	
Nitrobenzene	0.353	0.335		-5.1	
Isophorone	0.628	0.567		-9.7	
2-Nitrophenol	0.173	0.177		2.3	20.0
2,4-Dimethylphenol	0.239	0.227		-5.0	
bis(2-Chloroethoxy)methane	0.394	0.359		-8.9	
2,4-Dichlorophenol	0.296	0.291		-1.7	20.0
Naphthalene	1.027	0.984		-4.2	
4-Chloroaniline	0.363	0.340		-6.3	
Hexachlorobutadiene	0.213	0.211		-0.9	20.0
Caprolactam	0.090	0.084		-6.7	
4-Chloro-3-methylphenol	0.331	0.308		-6.9	20.0
2-Methylnaphthalene	0.687	0.652		-5.1	
Hexachlorocyclopentadiene	0.238	0.212	0.050	-10.9	
2,4,6-Trichlorophenol	0.398	0.380		-4.5	20.0
2-Fluorobiphenyl	1.315	1.233		-6.2	
2,4,5-Trichlorophenol	0.403	0.403		0.0	
1,1-Biphenyl	1.520	1.438		-5.4	
2-Chloronaphthalene	1.133	1.086		-4.1	
2-Nitroaniline	0.328	0.305		-7.0	
Dimethylphthalate	1.401	1.309		-6.6	
Acenaphthylene	1.681	1.594		-5.2	
2,6-Dinitrotoluene	0.292	0.286		-2.1	
3-Nitroaniline	0.296	0.274		-7.4	
Acenaphthene	1.181	1.131		-4.2	20.0
2,4-Dinitrophenol	0.139	0.144	0.050	3.6	
4-Nitrophenol	0.223	0.208	0.050	-6.7	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date/Time: 03/24/2025 10:17

Lab File ID: BF142045.D Init. Calib. Date(s): 03/10/2025 03/10/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.591		-5.7	
2,4-Dinitrotoluene	0.381	0.377		-1.0	
Diethylphthalate	1.397	1.301		-6.9	
4-Chlorophenyl-phenylether	0.679	0.633		-6.8	
Fluorene	1.302	1.227		-5.8	
4-Nitroaniline	0.288	0.257		-10.8	
4,6-Dinitro-2-methylphenol	0.119	0.123		3.4	
n-Nitrosodiphenylamine	0.647	0.605		-6.5	20.0
2,4,6-Tribromophenol	0.254	0.254		0.0	
4-Bromophenyl-phenylether	0.251	0.244		-2.8	
Hexachlorobenzene	0.275	0.280		1.8	
Atrazine	0.198	0.204		3.0	
Pentachlorophenol	0.170	0.173		1.8	20.0
Phenanthrene	1.080	1.029		-4.7	
Anthracene	1.084	1.036		-4.4	
Carbazole	0.935	0.844		-9.7	
Di-n-butylphthalate	1.240	1.110		-10.5	
Fluoranthene	1.146	1.005		-12.3	20.0
Pyrene	1.730	1.806		4.4	
Terphenyl-d14	1.353	1.374		1.6	
Butylbenzylphthalate	0.677	0.642		-5.2	
3,3-Dichlorobenzidine	0.379	0.374		-1.3	
Benzo(a)anthracene	1.312	1.258		-4.1	
Chrysene	1.190	1.133		-4.8	
Bis(2-ethylhexyl)phthalate	0.934	0.836		-10.5	
Di-n-octyl phthalate	1.299	1.256		-3.3	20.0
Benzo(b)fluoranthene	1.371	1.316		-4.0	
Benzo(k)fluoranthene	1.173	1.014		-13.6	
Benzo(a)pyrene	1.073	1.021		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.294	1.123		-13.2	
Dibenzo(a,h)anthracene	1.067	0.902		-15.5	
Benzo(g,h,i)perylene	1.055	0.907		-14.0	
1,2,4,5-Tetrachlorobenzene	0.609	0.593		-2.6	
1,4-Dioxane	0.502	0.471		-6.2	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.361		-1.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161989	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	619308	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	352913	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	604220	20.000	ng	0.00
76) Chrysene-d12	14.039	240	331741	20.000	ng	0.00
86) Perylene-d12	15.510	264	322359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	735300	75.757	ng	0.00
7) Phenol-d6	6.498	99	922026	74.611	ng	0.00
23) Nitrobenzene-d5	7.440	82	848029	77.060	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	358850	80.151	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1740796	75.016	ng	0.00
79) Terphenyl-d14	12.980	244	1822970	81.243	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	152614	37.527	ng	98
3) Pyridine	3.405	79	360104	36.098	ng	98
4) n-Nitrosodimethylamine	3.357	42	166334	34.979	ng	96
6) Aniline	6.540	93	442756	36.318	ng	99
8) 2-Chlorophenol	6.657	128	405391	37.659	ng	99
9) Benzaldehyde	6.428	77	262503	37.981	ng	98
10) Phenol	6.516	94	483881	37.219	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	353658	36.228	ng	99
12) 1,3-Dichlorobenzene	6.816	146	444052	38.209	ng	99
13) 1,4-Dichlorobenzene	6.893	146	448633	38.153	ng	99
14) 1,2-Dichlorobenzene	7.045	146	418727	37.807	ng	99
15) Benzyl Alcohol	7.016	79	364909	36.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	389497	33.049	ng	98
17) 2-Methylphenol	7.122	107	312878	36.555	ng	99
18) Hexachloroethane	7.387	117	165432	37.518	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266964	33.620	ng	99
20) 3+4-Methylphenols	7.275	107	402505	36.715	ng	96
22) Acetophenone	7.287	105	552268	37.237	ng	98
24) Nitrobenzene	7.457	77	415092	37.942	ng	97
25) Isophorone	7.692	82	702719	36.124	ng	100
26) 2-Nitrophenol	7.769	139	219318	40.846	ng	99
27) 2,4-Dimethylphenol	7.804	122	280989	38.005	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	444684	36.447	ng	99
29) 2,4-Dichlorophenol	8.010	162	360124	39.242	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	395612	39.118	ng	98
31) Naphthalene	8.181	128	1218411	38.299	ng	100
32) Benzoic acid	7.916	122	257302	39.590	ng	98
33) 4-Chloroaniline	8.228	127	420711	37.462	ng	97
34) Hexachlorobutadiene	8.292	225	261640	39.670	ng	98
35) Caprolactam	8.592	113	104230	37.253	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	381426	37.259	ng	96
37) 2-Methylnaphthalene	8.869	142	807595	37.979	ng	100
38) 1-Methylnaphthalene	8.969	142	782664	38.142	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	418232	38.924	ng	98
41) Hexachlorocyclopentadiene	9.022	237	149876	35.642	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	268181	38.191	ng	100

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

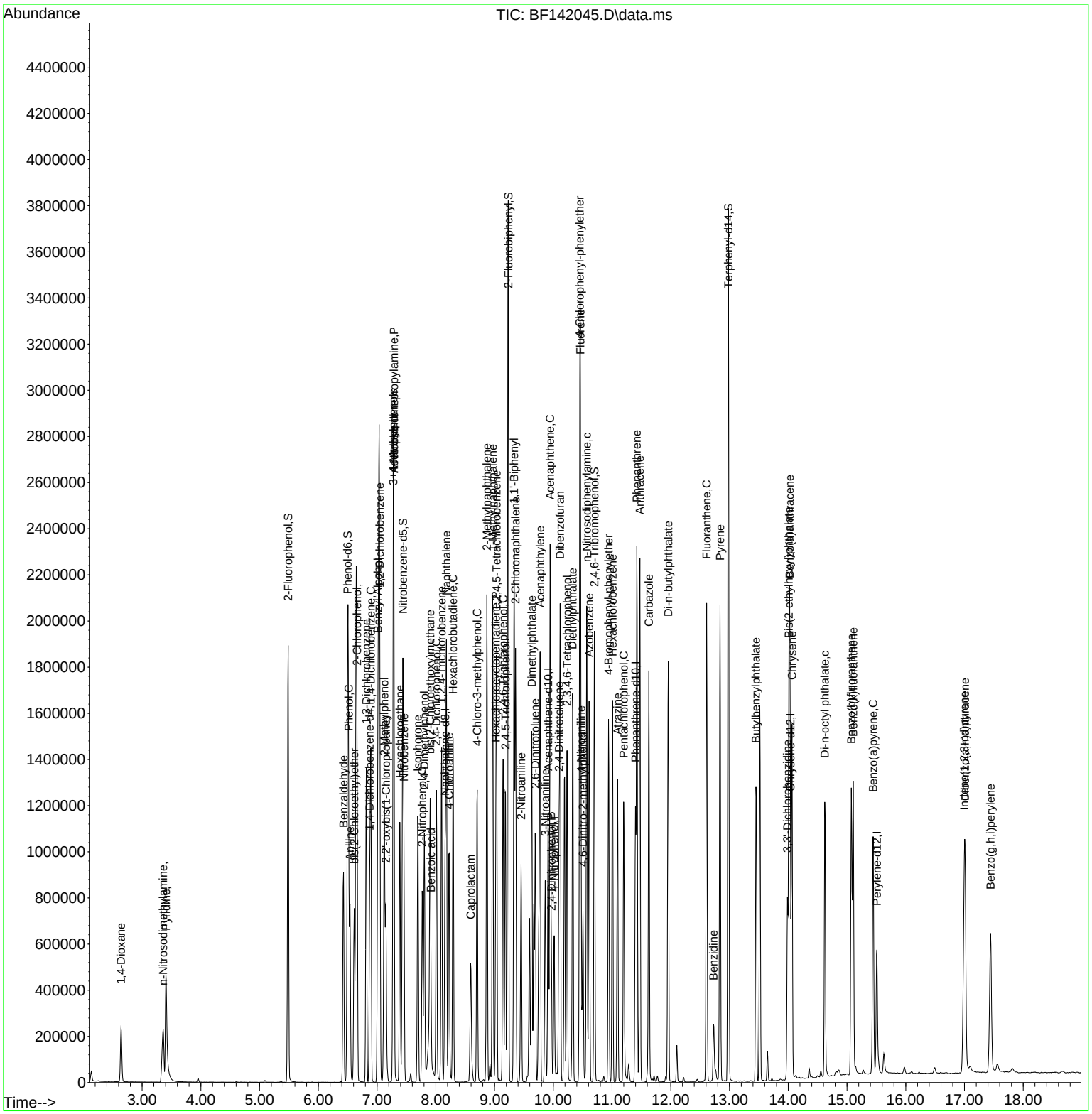
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	284279	39.971	ng		97
46) 1,1'-Biphenyl	9.334	154	1015056	37.854	ng		99
47) 2-Chloronaphthalene	9.357	162	766461	38.349	ng		98
48) 2-Nitroaniline	9.451	65	215566	37.251	ng		97
49) Acenaphthylene	9.775	152	1125339	37.942	ng		100
50) Dimethylphthalate	9.634	163	924114	37.393	ng		100
51) 2,6-Dinitrotoluene	9.692	165	202089	39.274	ng		94
52) Acenaphthene	9.945	154	798202	38.296	ng		99
53) 3-Nitroaniline	9.863	138	193742	37.118	ng		97
54) 2,4-Dinitrophenol	9.969	184	101847	38.547	ng	#	49
55) Dibenzofuran	10.116	168	1123145	37.712	ng		99
56) 4-Nitrophenol	10.016	139	146564	37.235	ng		94
57) 2,4-Dinitrotoluene	10.098	165	265981	39.576	ng		95
58) Fluorene	10.463	166	865754	37.695	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	254833	39.376	ng		97
60) Diethylphthalate	10.328	149	918617	37.278	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	446837	37.317	ng		98
62) 4-Nitroaniline	10.475	138	181676	35.752	ng		97
63) Azobenzene	10.610	77	826070	36.056	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	148864	41.328	ng		97
66) n-Nitrosodiphenylamine	10.569	169	730755	37.373	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	294619	38.825	ng		97
68) Hexachlorobenzene	11.010	284	338311	40.650	ng		93
69) Atrazine	11.092	200	246297	41.090	ng		99
70) Pentachlorophenol	11.198	266	208789	40.717	ng		100
71) Phenanthrene	11.422	178	1243190	38.093	ng		99
72) Anthracene	11.475	178	1252218	38.245	ng		99
73) Carbazole	11.628	167	1020033	36.123	ng		100
74) Di-n-butylphthalate	11.957	149	1341741	35.811	ng		99
75) Fluoranthene	12.610	202	1214625	35.085	ng		99
77) Benzidine	12.727	184	171026	36.951	ng		100
78) Pyrene	12.839	202	1198573	41.768	ng		99
80) Butylbenzylphthalate	13.451	149	425748	37.906	ng		99
81) Benzo(a)anthracene	14.027	228	834550	38.337	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	248290	39.468	ng		100
83) Chrysene	14.063	228	751793	38.099	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	554591	35.812	ng		99
85) Di-n-octyl phthalate	14.621	149	833563	38.685	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	724070	34.723	ng		98
88) Benzo(b)fluoranthene	15.074	252	848296	38.396	ng		100
89) Benzo(k)fluoranthene	15.104	252	654042	34.593	ng		100
90) Benzo(a)pyrene	15.445	252	657995	38.063	ng		100
91) Dibenzo(a,h)anthracene	17.010	278	581442	33.794	ng		99
92) Benzo(g,h,i)perylene	17.445	276	584456	34.375	ng		98

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

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
2		1,4-Dioxane	0.502	0.471	6.2	68	-0.04
3		Pyridine	1.232	1.112	9.7	66	-0.04
4		n-Nitrosodimethylamine	0.587	0.513	12.6	64	-0.04
5	S	2-Fluorophenol	1.198	1.135	5.3	72	0.00
6		Aniline	1.505	1.367	9.2	68	0.00
7	S	Phenol-d6	1.526	1.423	6.7	72	0.00
8		2-Chlorophenol	1.329	1.251	5.9	72	-0.01
9		Benzaldehyde	0.853	0.810	5.0	76	0.00
10	C	Phenol	1.605	1.494	6.9	71	0.00
11		bis(2-Chloroethyl)ether	1.205	1.092	9.4	69	0.00
12		1,3-Dichlorobenzene	1.435	1.371	4.5	73	0.00
13	C	1,4-Dichlorobenzene	1.452	1.385	4.6	72	0.00
14		1,2-Dichlorobenzene	1.367	1.292	5.5	72	0.00
15		Benzyl Alcohol	1.233	1.126	8.7	69	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.202	17.4	64	0.00
17		2-Methylphenol	1.057	0.966	8.6	70	0.00
18		Hexachloroethane	0.544	0.511	6.1	72	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.824	15.9	66	-0.01
20		3+4-Methylphenols	1.354	1.242	8.3	70	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	71	0.00
22		Acetophenone	0.479	0.446	6.9	69	0.00
23	S	Nitrobenzene-d5	0.355	0.342	3.7	70	0.00
24		Nitrobenzene	0.353	0.335	5.1	69	0.00
25		Isophorone	0.628	0.567	9.7	67	-0.01
26	C	2-Nitrophenol	0.173	0.177	-2.3	72	-0.01
27		2,4-Dimethylphenol	0.239	0.227	5.0	70	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.359	8.9	68	0.00
29	C	2,4-Dichlorophenol	0.296	0.291	1.7	72	0.00
30		1,2,4-Trichlorobenzene	0.327	0.319	2.4	73	0.00
31		Naphthalene	1.027	0.984	4.2	71	0.00
32		Benzoic acid	0.210	0.208	1.0	71	-0.01
33		4-Chloroaniline	0.363	0.340	6.3	69	0.00
34	C	Hexachlorobutadiene	0.213	0.211	0.9	74	-0.01
35		Caprolactam	0.090	0.084	6.7	71	-0.01
36	C	4-Chloro-3-methylphenol	0.331	0.308	6.9	69	0.00
37		2-Methylnaphthalene	0.687	0.652	5.1	71	0.00
38		1-Methylnaphthalene	0.663	0.632	4.7	72	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.593	2.6	72	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.212	10.9	61	0.00
42	S	2,4,6-Tribromophenol	0.254	0.254	0.0	73	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.380	4.5	68	0.00
44		2,4,5-Trichlorophenol	0.403	0.403	0.0	74	0.00
45	S	2-Fluorobiphenyl	1.315	1.233	6.2	70	0.00
46		1,1'-Biphenyl	1.520	1.438	5.4	71	0.00
47		2-Chloronaphthalene	1.133	1.086	4.1	71	0.00

Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.328	0.305	7.0	68	0.00
49		Acenaphthylene	1.681	1.594	5.2	70	0.00
50		Dimethylphthalate	1.401	1.309	6.6	70	0.00
51		2,6-Dinitrotoluene	0.292	0.286	2.1	72	0.00
52	C	Acenaphthene	1.181	1.131	4.2	71	0.00
53		3-Nitroaniline	0.296	0.274	7.4	67	0.00
54	P	2,4-Dinitrophenol	0.139	0.144	-3.6	73	0.00
55		Dibenzofuran	1.688	1.591	5.7	70	0.00
56	P	4-Nitrophenol	0.223	0.208	6.7	65	0.00
57		2,4-Dinitrotoluene	0.381	0.377	1.0	72	0.00
58		Fluorene	1.302	1.227	5.8	71	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.361	1.6	72	0.00
60		Diethylphthalate	1.397	1.301	6.9	70	-0.01
61		4-Chlorophenyl-phenylether	0.679	0.633	6.8	70	0.00
62		4-Nitroaniline	0.288	0.257	10.8	64	0.00
63		Azobenzene	1.298	1.170	9.9	67	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.123	-3.4	73	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.605	6.5	70	0.00
67		4-Bromophenyl-phenylether	0.251	0.244	2.8	72	0.00
68		Hexachlorobenzene	0.275	0.280	-1.8	75	0.00
69		Atrazine	0.198	0.204	-3.0	90	0.00
70	C	Pentachlorophenol	0.170	0.173	-1.8	70	0.00
71		Phenanthrene	1.080	1.029	4.7	71	0.00
72		Anthracene	1.084	1.036	4.4	71	0.00
73		Carbazole	0.935	0.844	9.7	67	0.00
74		Di-n-butylphthalate	1.240	1.110	10.5	68	0.00
75	C	Fluoranthene	1.146	1.005	12.3	65	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	58	0.00
77		Benzidine	0.279	0.258	7.5	42#	0.00
78		Pyrene	1.730	1.806	-4.4	65	0.00
79	S	Terphenyl-d14	1.353	1.374	-1.6	63	0.00
80		Butylbenzylphthalate	0.677	0.642	5.2	57	-0.01
81		Benzo(a)anthracene	1.312	1.258	4.1	58	0.00
82		3,3'-Dichlorobenzidine	0.379	0.374	1.3	59	0.00
83		Chrysene	1.190	1.133	4.8	58	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.836	10.5	54	-0.01
85	c	Di-n-octyl phthalate	1.299	1.256	3.3	58	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	69	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.123	13.2	60	0.00
88		Benzo(b)fluoranthene	1.371	1.316	4.0	75	0.00
89		Benzo(k)fluoranthene	1.173	1.014	13.6	58	0.00
90	C	Benzo(a)pyrene	1.073	1.021	4.8	68	0.00
91		Dibenzo(a,h)anthracene	1.067	0.902	15.5	58	-0.01
92		Benzo(g,h,i)perylene	1.055	0.907	14.0	58	0.00

Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	73	0.00
2		1,4-Dioxane	40.000	37.527	6.2	68	-0.04
3		Pyridine	40.000	36.098	9.8	66	-0.04
4		n-Nitrosodimethylamine	40.000	34.979	12.6	64	-0.04
5	S	2-Fluorophenol	80.000	75.757	5.3	72	0.00
6		Aniline	40.000	36.318	9.2	68	0.00
7	S	Phenol-d6	80.000	74.611	6.7	72	0.00
8		2-Chlorophenol	40.000	37.659	5.9	72	-0.01
9		Benzaldehyde	40.000	37.981	5.0	76	0.00
10	C	Phenol	40.000	37.219	7.0	71	0.00
11		bis(2-Chloroethyl)ether	40.000	36.228	9.4	69	0.00
12		1,3-Dichlorobenzene	40.000	38.209	4.5	73	0.00
13	C	1,4-Dichlorobenzene	40.000	38.153	4.6	72	0.00
14		1,2-Dichlorobenzene	40.000	37.807	5.5	72	0.00
15		Benzyl Alcohol	40.000	36.525	8.7	69	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.049	17.4	64	0.00
17		2-Methylphenol	40.000	36.555	8.6	70	0.00
18		Hexachloroethane	40.000	37.518	6.2	72	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	33.620	16.0	66	-0.01
20		3+4-Methylphenols	40.000	36.715	8.2	70	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	71	0.00
22		Acetophenone	40.000	37.237	6.9	69	0.00
23	S	Nitrobenzene-d5	80.000	77.060	3.7	70	0.00
24		Nitrobenzene	40.000	37.942	5.1	69	0.00
25		Isophorone	40.000	36.124	9.7	67	-0.01
26	C	2-Nitrophenol	40.000	40.846	-2.1	72	-0.01
27		2,4-Dimethylphenol	40.000	38.005	5.0	70	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.447	8.9	68	0.00
29	C	2,4-Dichlorophenol	40.000	39.242	1.9	72	0.00
30		1,2,4-Trichlorobenzene	40.000	39.118	2.2	73	0.00
31		Naphthalene	40.000	38.299	4.3	71	0.00
32		Benzoic acid	40.000	39.590	1.0	71	-0.01
33		4-Chloroaniline	40.000	37.462	6.3	69	0.00
34	C	Hexachlorobutadiene	40.000	39.670	0.8	74	-0.01
35		Caprolactam	40.000	37.253	6.9	71	-0.01
36	C	4-Chloro-3-methylphenol	40.000	37.259	6.9	69	0.00
37		2-Methylnaphthalene	40.000	37.979	5.1	71	0.00
38		1-Methylnaphthalene	40.000	38.142	4.6	72	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.924	2.7	72	0.00
41	P	Hexachlorocyclopentadiene	40.000	35.642	10.9	61	0.00
42	S	2,4,6-Tribromophenol	80.000	80.151	-0.2	73	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.191	4.5	68	0.00
44		2,4,5-Trichlorophenol	40.000	39.971	0.1	74	0.00
45	S	2-Fluorobiphenyl	80.000	75.016	6.2	70	0.00
46		1,1'-Biphenyl	40.000	37.854	5.4	71	0.00
47		2-Chloronaphthalene	40.000	38.349	4.1	71	0.00

Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.251	6.9	68	0.00
49		Acenaphthylene	40.000	37.942	5.1	70	0.00
50		Dimethylphthalate	40.000	37.393	6.5	70	0.00
51		2,6-Dinitrotoluene	40.000	39.274	1.8	72	0.00
52	C	Acenaphthene	40.000	38.296	4.3	71	0.00
53		3-Nitroaniline	40.000	37.118	7.2	67	0.00
54	P	2,4-Dinitrophenol	40.000	38.547	3.6	73	0.00
55		Dibenzofuran	40.000	37.712	5.7	70	0.00
56	P	4-Nitrophenol	40.000	37.235	6.9	65	0.00
57		2,4-Dinitrotoluene	40.000	39.576	1.1	72	0.00
58		Fluorene	40.000	37.695	5.8	71	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.376	1.6	72	0.00
60		Diethylphthalate	40.000	37.278	6.8	70	-0.01
61		4-Chlorophenyl-phenylether	40.000	37.317	6.7	70	0.00
62		4-Nitroaniline	40.000	35.752	10.6	64	0.00
63		Azobenzene	40.000	36.056	9.9	67	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	72	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.328	-3.3	73	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.373	6.6	70	0.00
67		4-Bromophenyl-phenylether	40.000	38.825	2.9	72	0.00
68		Hexachlorobenzene	40.000	40.650	-1.6	75	0.00
69		Atrazine	40.000	41.090	-2.7	90	0.00
70	C	Pentachlorophenol	40.000	40.717	-1.8	70	0.00
71		Phenanthrene	40.000	38.093	4.8	71	0.00
72		Anthracene	40.000	38.245	4.4	71	0.00
73		Carbazole	40.000	36.123	9.7	67	0.00
74		Di-n-butylphthalate	40.000	35.811	10.5	68	0.00
75	C	Fluoranthene	40.000	35.085	12.3	65	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	58	0.00
77		Benzidine	40.000	36.951	7.6	42	0.00
78		Pyrene	40.000	41.768	-4.4	65	0.00
79	S	Terphenyl-d14	80.000	81.243	-1.6	63	0.00
80		Butylbenzylphthalate	40.000	37.906	5.2	57	-0.01
81		Benzo(a)anthracene	40.000	38.337	4.2	58	0.00
82		3,3'-Dichlorobenzidine	40.000	39.468	1.3	59	0.00
83		Chrysene	40.000	38.099	4.8	58	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	35.812	10.5	54	-0.01
85	c	Di-n-octyl phthalate	40.000	38.685	3.3	58	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	69	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	34.723	13.2	60	0.00
88		Benzo(b)fluoranthene	40.000	38.396	4.0	75	0.00
89		Benzo(k)fluoranthene	40.000	34.593	13.5	58	0.00
90	C	Benzo(a)pyrene	40.000	38.063	4.8	68	0.00
91		Dibenzo(a,h)anthracene	40.000	33.794	15.5	58	-0.01
92		Benzo(g,h,i)perylene	40.000	34.375	14.1	58	0.00

Sample Results: **BF142045.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142045.D
Acq On : 24 Mar 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 24 11:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date/Time: 03/25/2025 10:09

Lab File ID: BF142068.D Init. Calib. Date(s): 03/10/2025 03/10/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.114		-7.0	
Benzaldehyde	0.853	0.796		-6.7	
Phenol-d6	1.526	1.410		-7.6	
Phenol	1.605	1.469		-8.5	20.0
bis(2-Chloroethyl)ether	1.205	1.073		-11.0	
2-Chlorophenol	1.329	1.259		-5.3	
2-Methylphenol	1.057	0.968		-8.4	
2,2-oxybis(1-Chloropropane)	1.455	1.218		-16.3	
Acetophenone	0.479	0.458		-4.4	
3+4-Methylphenols	1.354	1.221		-9.8	
n-Nitroso-di-n-propylamine	0.980	0.829	0.050	-15.4	
Nitrobenzene-d5	0.355	0.354		-0.3	
Hexachloroethane	0.544	0.512		-5.9	
Nitrobenzene	0.353	0.340		-3.7	
Isophorone	0.628	0.562		-10.5	
2-Nitrophenol	0.173	0.183		5.8	20.0
2,4-Dimethylphenol	0.239	0.221		-7.5	
bis(2-Chloroethoxy)methane	0.394	0.357		-9.4	
2,4-Dichlorophenol	0.296	0.293		-1.0	20.0
Naphthalene	1.027	0.989		-3.7	
4-Chloroaniline	0.363	0.352		-3.0	
Hexachlorobutadiene	0.213	0.215		0.9	20.0
Caprolactam	0.090	0.086		-4.4	
4-Chloro-3-methylphenol	0.331	0.313		-5.4	20.0
2-Methylnaphthalene	0.687	0.645		-6.1	
Hexachlorocyclopentadiene	0.238	0.202	0.050	-15.1	
2,4,6-Trichlorophenol	0.398	0.377		-5.3	20.0
2-Fluorobiphenyl	1.315	1.251		-4.9	
2,4,5-Trichlorophenol	0.403	0.413		2.5	
1,1-Biphenyl	1.520	1.429		-6.0	
2-Chloronaphthalene	1.133	1.072		-5.4	
2-Nitroaniline	0.328	0.311		-5.2	
Dimethylphthalate	1.401	1.351		-3.6	
Acenaphthylene	1.681	1.621		-3.6	
2,6-Dinitrotoluene	0.292	0.294		0.7	
3-Nitroaniline	0.296	0.280		-5.4	
Acenaphthene	1.181	1.158		-1.9	20.0
2,4-Dinitrophenol	0.139	0.163	0.050	17.3	
4-Nitrophenol	0.223	0.217	0.050	-2.7	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG No.: Q1626

Instrument ID: BNA_F Calibration Date/Time: 03/25/2025 10:09

Lab File ID: BF142068.D Init. Calib. Date(s): 03/10/2025 03/10/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.598		-5.3	
2,4-Dinitrotoluene	0.381	0.386		1.3	
Diethylphthalate	1.397	1.339		-4.2	
4-Chlorophenyl-phenylether	0.679	0.658		-3.1	
Fluorene	1.302	1.253		-3.8	
4-Nitroaniline	0.288	0.271		-5.9	
4,6-Dinitro-2-methylphenol	0.119	0.141		18.5	
n-Nitrosodiphenylamine	0.647	0.639		-1.2	20.0
2,4,6-Tribromophenol	0.254	0.262		3.2	
4-Bromophenyl-phenylether	0.251	0.245		-2.4	
Hexachlorobenzene	0.275	0.279		1.5	
Atrazine	0.198	0.202		2.0	
Pentachlorophenol	0.170	0.174		2.4	20.0
Phenanthrene	1.080	1.027		-4.9	
Anthracene	1.084	1.033		-4.7	
Carbazole	0.935	0.850		-9.1	
Di-n-butylphthalate	1.240	1.177		-5.1	
Fluoranthene	1.146	1.022		-10.8	20.0
Pyrene	1.730	1.878		8.6	
Terphenyl-d14	1.353	1.473		8.9	
Butylbenzylphthalate	0.677	0.684		1.0	
3,3-Dichlorobenzidine	0.379	0.376		-0.8	
Benzo(a)anthracene	1.312	1.276		-2.7	
Chrysene	1.190	1.130		-5.0	
Bis(2-ethylhexyl)phthalate	0.934	0.885		-5.2	
Di-n-octyl phthalate	1.299	1.257		-3.2	20.0
Benzo(b)fluoranthene	1.371	1.263		-7.9	
Benzo(k)fluoranthene	1.173	0.993		-15.3	
Benzo(a)pyrene	1.073	0.998		-7.0	20.0
Indeno(1,2,3-cd)pyrene	1.294	1.090		-15.8	
Dibenzo(a,h)anthracene	1.067	0.858		-19.6	
Benzo(g,h,i)perylene	1.055	0.857		-18.8	
1,2,4,5-Tetrachlorobenzene	0.609	0.584		-4.1	
1,4-Dioxane	0.502	0.460		-8.4	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.370		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	160336	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	599217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	347065	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	578583	20.000	ng	0.00
76) Chrysene-d12	14.033	240	306767	20.000	ng	0.00
86) Perylene-d12	15.510	264	312865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	714407	74.364	ng	0.00
7) Phenol-d6	6.504	99	904122	73.916	ng	0.00
23) Nitrobenzene-d5	7.440	82	848620	79.699	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	364394	82.761	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1736828	76.106	ng	0.00
79) Terphenyl-d14	12.980	244	1807796	87.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	147438	36.628	ng	97
3) Pyridine	3.399	79	354446	35.897	ng	97
4) n-Nitrosodimethylamine	3.346	42	158704	33.718	ng	95
6) Aniline	6.540	93	427152	35.400	ng	100
8) 2-Chlorophenol	6.663	128	403852	37.903	ng	98
9) Benzaldehyde	6.428	77	255343	37.326	ng	98
10) Phenol	6.516	94	471021	36.604	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	344092	35.611	ng	98
12) 1,3-Dichlorobenzene	6.816	146	438893	38.155	ng	99
13) 1,4-Dichlorobenzene	6.893	146	447039	38.410	ng	99
14) 1,2-Dichlorobenzene	7.045	146	415389	37.892	ng	99
15) Benzyl Alcohol	7.016	79	360226	36.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390448	33.471	ng	97
17) 2-Methylphenol	7.122	107	310274	36.625	ng	99
18) Hexachloroethane	7.387	117	164258	37.636	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	265879	33.829	ng	99
20) 3+4-Methylphenols	7.275	107	391386	36.069	ng	93
22) Acetophenone	7.287	105	548318	38.211	ng	99
24) Nitrobenzene	7.457	77	407547	38.501	ng	98
25) Isophorone	7.692	82	673127	35.763	ng	100
26) 2-Nitrophenol	7.775	139	219178	42.188	ng	97
27) 2,4-Dimethylphenol	7.804	122	264961	37.039	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	427999	36.255	ng	99
29) 2,4-Dichlorophenol	8.010	162	350557	39.480	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	384423	39.286	ng	99
31) Naphthalene	8.181	128	1185441	38.512	ng	99
32) Benzoic acid	7.916	122	255444	40.622	ng	97
33) 4-Chloroaniline	8.228	127	422217	38.856	ng	97
34) Hexachlorobutadiene	8.292	225	257520	40.354	ng	99
35) Caprolactam	8.598	113	103032	38.060	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	374971	37.857	ng	98
37) 2-Methylnaphthalene	8.869	142	773404	37.591	ng	99
38) 1-Methylnaphthalene	8.969	142	753814	37.968	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	405610	38.386	ng	98
41) Hexachlorocyclopentadiene	9.022	237	140476	33.969	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	261481	37.864	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

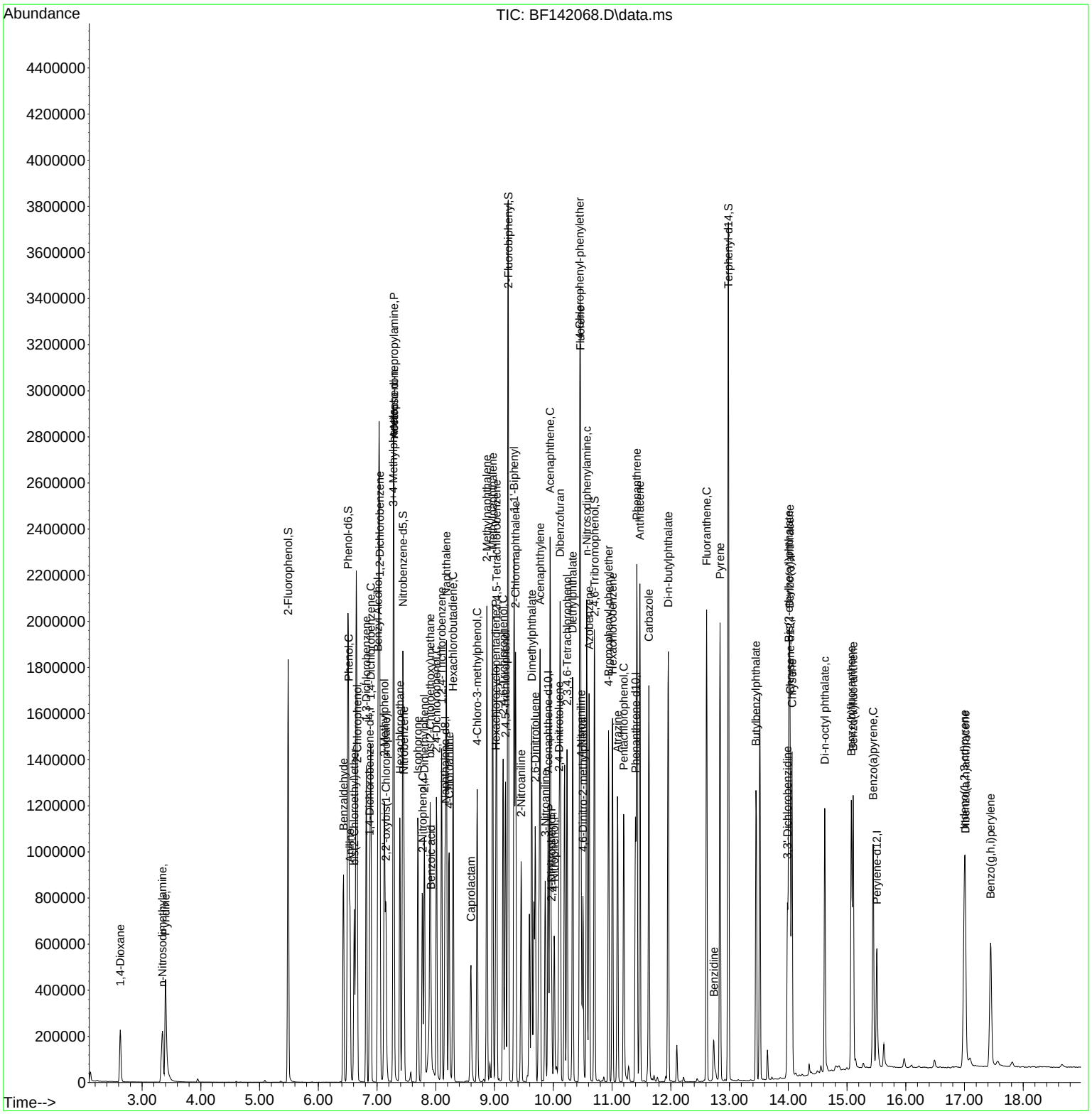
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	286893	41.019	ng		98
46) 1,1'-Biphenyl	9.334	154	991976	37.617	ng		99
47) 2-Chloronaphthalene	9.357	162	744305	37.868	ng		99
48) 2-Nitroaniline	9.451	65	215813	37.922	ng		96
49) Acenaphthylene	9.775	152	1125155	38.575	ng		100
50) Dimethylphthalate	9.633	163	937767	38.585	ng		100
51) 2,6-Dinitrotoluene	9.692	165	204090	40.331	ng		95
52) Acenaphthene	9.945	154	803778	39.213	ng		100
53) 3-Nitroaniline	9.863	138	194286	37.850	ng		97
54) 2,4-Dinitrophenol	9.969	184	112832	42.593	ng	#	48
55) Dibenzofuran	10.116	168	1109401	37.878	ng		99
56) 4-Nitrophenol	10.016	139	150918	38.987	ng		95
57) 2,4-Dinitrotoluene	10.098	165	267886	40.532	ng		97
58) Fluorene	10.463	166	869463	38.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	257133	40.401	ng		97
60) Diethylphthalate	10.328	149	929683	38.362	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	456441	38.762	ng		97
62) 4-Nitroaniline	10.475	138	187806	37.581	ng		96
63) Azobenzene	10.610	77	830289	36.851	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	163306	47.346	ng		98
66) n-Nitrosodiphenylamine	10.569	169	739498	39.496	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	284042	39.090	ng		98
68) Hexachlorobenzene	11.010	284	323290	40.566	ng		94
69) Atrazine	11.092	200	233966	40.762	ng		99
70) Pentachlorophenol	11.198	266	201095	40.954	ng		99
71) Phenanthrene	11.422	178	1188534	38.032	ng		99
72) Anthracene	11.475	178	1195431	38.128	ng		100
73) Carbazole	11.628	167	983300	36.366	ng		100
74) Di-n-butylphthalate	11.957	149	1362507	37.976	ng		99
75) Fluoranthene	12.610	202	1183190	35.692	ng		99
77) Benzidine	12.733	184	130623	30.520	ng		100
78) Pyrene	12.839	202	1152300	43.425	ng		99
80) Butylbenzylphthalate	13.451	149	419411	40.382	ng		99
81) Benzo(a)anthracene	14.027	228	783015	38.898	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	230748	39.666	ng		98
83) Chrysene	14.063	228	693294	37.994	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	543249	37.936	ng		99
85) Di-n-octyl phthalate	14.621	149	771392	38.714	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	681983	33.697	ng		97
88) Benzo(b)fluoranthene	15.074	252	790046	36.845	ng		99
89) Benzo(k)fluoranthene	15.104	252	621193	33.853	ng		99
90) Benzo(a)pyrene	15.445	252	624421	37.217	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	537010	32.159	ng		98
92) Benzo(g,h,i)perylene	17.445	276	536380	32.505	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Sample Results: **BF142068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	72	0.00
2		1,4-Dioxane	40.000	36.628	8.4	66	-0.05
3		Pyridine	40.000	35.897	10.3	65	-0.04
4		n-Nitrosodimethylamine	40.000	33.718	15.7	61	-0.05
5	S	2-Fluorophenol	80.000	74.364	7.0	70	0.00
6		Aniline	40.000	35.400	11.5	65	0.00
7	S	Phenol-d6	80.000	73.916	7.6	70	0.00
8		2-Chlorophenol	40.000	37.903	5.2	72	0.00
9		Benzaldehyde	40.000	37.326	6.7	74	0.00
10	C	Phenol	40.000	36.604	8.5	69	0.00
11		bis(2-Chloroethyl)ether	40.000	35.611	11.0	67	0.00
12		1,3-Dichlorobenzene	40.000	38.155	4.6	72	0.00
13	C	1,4-Dichlorobenzene	40.000	38.410	4.0	72	0.00
14		1,2-Dichlorobenzene	40.000	37.892	5.3	71	0.00
15		Benzyl Alcohol	40.000	36.428	8.9	68	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.471	16.3	64	0.00
17		2-Methylphenol	40.000	36.625	8.4	69	0.00
18		Hexachloroethane	40.000	37.636	5.9	71	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	33.829	15.4	65	-0.01
20		3+4-Methylphenols	40.000	36.069	9.8	68	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	69	0.00
22		Acetophenone	40.000	38.211	4.5	68	0.00
23	S	Nitrobenzene-d5	80.000	79.699	0.4	70	0.00
24		Nitrobenzene	40.000	38.501	3.7	67	0.00
25		Isophorone	40.000	35.763	10.6	64	-0.01
26	C	2-Nitrophenol	40.000	42.188	-5.5	72	0.00
27		2,4-Dimethylphenol	40.000	37.039	7.4	66	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.255	9.4	66	0.00
29	C	2,4-Dichlorophenol	40.000	39.480	1.3	70	0.00
30		1,2,4-Trichlorobenzene	40.000	39.286	1.8	71	0.00
31		Naphthalene	40.000	38.512	3.7	69	0.00
32		Benzoic acid	40.000	40.622	-1.6	70	-0.01
33		4-Chloroaniline	40.000	38.856	2.9	69	0.00
34	C	Hexachlorobutadiene	40.000	40.354	-0.9	72	-0.01
35		Caprolactam	40.000	38.060	4.8	70	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.857	5.4	68	0.00
37		2-Methylnaphthalene	40.000	37.591	6.0	68	0.00
38		1-Methylnaphthalene	40.000	37.968	5.1	69	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	70	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.386	4.0	69	0.00
41	P	Hexachlorocyclopentadiene	40.000	33.969	15.1	57	0.00
42	S	2,4,6-Tribromophenol	80.000	82.761	-3.5	74	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.864	5.3	67	0.00
44		2,4,5-Trichlorophenol	40.000	41.019	-2.5	75	0.00
45	S	2-Fluorobiphenyl	80.000	76.106	4.9	70	0.00
46		1,1'-Biphenyl	40.000	37.617	6.0	69	0.00
47		2-Chloronaphthalene	40.000	37.868	5.3	69	0.00

Sample Results: **BF142068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.922	5.2	68	0.00
49		Acenaphthylene	40.000	38.575	3.6	70	0.00
50		Dimethylphthalate	40.000	38.585	3.5	71	0.00
51		2,6-Dinitrotoluene	40.000	40.331	-0.8	72	0.00
52	C	Acenaphthene	40.000	39.213	2.0	71	0.00
53		3-Nitroaniline	40.000	37.850	5.4	67	0.00
54	P	2,4-Dinitrophenol	40.000	42.593	-6.5	81	0.00
55		Dibenzofuran	40.000	37.878	5.3	70	0.00
56	P	4-Nitrophenol	40.000	38.987	2.5	66	0.00
57		2,4-Dinitrotoluene	40.000	40.532	-1.3	72	0.00
58		Fluorene	40.000	38.495	3.8	72	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.401	-1.0	72	0.00
60		Diethylphthalate	40.000	38.362	4.1	70	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.762	3.1	72	0.00
62		4-Nitroaniline	40.000	37.581	6.0	66	0.00
63		Azobenzene	40.000	36.851	7.9	68	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	40.000	47.346	-18.4	80	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.496	1.3	71	0.00
67		4-Bromophenyl-phenylether	40.000	39.090	2.3	69	0.00
68		Hexachlorobenzene	40.000	40.566	-1.4	71	0.00
69		Atrazine	40.000	40.762	-1.9	85	0.00
70	C	Pentachlorophenol	40.000	40.954	-2.4	68	0.00
71		Phenanthrene	40.000	38.032	4.9	68	0.00
72		Anthracene	40.000	38.128	4.7	68	0.00
73		Carbazole	40.000	36.366	9.1	64	0.00
74		Di-n-butylphthalate	40.000	37.976	5.1	69	0.00
75	C	Fluoranthene	40.000	35.692	10.8	64	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	54	0.00
77		Benzidine	40.000	30.520	23.7	32	0.00
78		Pyrene	40.000	43.425	-8.6	63	0.00
79	S	Terphenyl-d14	80.000	87.126	-8.9	62	0.00
80		Butylbenzylphthalate	40.000	40.382	-1.0	56	-0.01
81		Benzo(a)anthracene	40.000	38.898	2.8	54	0.00
82		3,3'-Dichlorobenzidine	40.000	39.666	0.8	54	0.00
83		Chrysene	40.000	37.994	5.0	54	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	37.936	5.2	53	-0.01
85	c	Di-n-octyl phthalate	40.000	38.714	3.2	54	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	67	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	33.697	15.8	56	0.00
88		Benzo(b)fluoranthene	40.000	36.845	7.9	70	0.00
89		Benzo(k)fluoranthene	40.000	33.853	15.4	55	0.00
90	C	Benzo(a)pyrene	40.000	37.217	7.0	64	0.00
91		Dibenzo(a,h)anthracene	40.000	32.159	19.6	54	0.00
92		Benzo(g,h,i)perylene	40.000	32.505	18.7	54	0.00

Sample Results: **BF142068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BF142068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
2		1,4-Dioxane	0.502	0.460	8.4	66	-0.05
3		Pyridine	1.232	1.105	10.3	65	-0.04
4		n-Nitrosodimethylamine	0.587	0.495	15.7	61	-0.05
5	S	2-Fluorophenol	1.198	1.114	7.0	70	0.00
6		Aniline	1.505	1.332	11.5	65	0.00
7	S	Phenol-d6	1.526	1.410	7.6	70	0.00
8		2-Chlorophenol	1.329	1.259	5.3	72	0.00
9		Benzaldehyde	0.853	0.796	6.7	74	0.00
10	C	Phenol	1.605	1.469	8.5	69	0.00
11		bis(2-Chloroethyl)ether	1.205	1.073	11.0	67	0.00
12		1,3-Dichlorobenzene	1.435	1.369	4.6	72	0.00
13	C	1,4-Dichlorobenzene	1.452	1.394	4.0	72	0.00
14		1,2-Dichlorobenzene	1.367	1.295	5.3	71	0.00
15		Benzyl Alcohol	1.233	1.123	8.9	68	0.00
16		2,2'-oxybis(1-Chloropropane	1.455	1.218	16.3	64	0.00
17		2-Methylphenol	1.057	0.968	8.4	69	0.00
18		Hexachloroethane	0.544	0.512	5.9	71	0.00
19	P	n-Nitroso-di-n-propylamine	0.980	0.829	15.4	65	-0.01
20		3+4-Methylphenols	1.354	1.221	9.8	68	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	69	0.00
22		Acetophenone	0.479	0.458	4.4	68	0.00
23	S	Nitrobenzene-d5	0.355	0.354	0.3	70	0.00
24		Nitrobenzene	0.353	0.340	3.7	67	0.00
25		Isophorone	0.628	0.562	10.5	64	-0.01
26	C	2-Nitrophenol	0.173	0.183	-5.8	72	0.00
27		2,4-Dimethylphenol	0.239	0.221	7.5	66	0.00
28		bis(2-Chloroethoxy)methane	0.394	0.357	9.4	66	0.00
29	C	2,4-Dichlorophenol	0.296	0.293	1.0	70	0.00
30		1,2,4-Trichlorobenzene	0.327	0.321	1.8	71	0.00
31		Naphthalene	1.027	0.989	3.7	69	0.00
32		Benzoic acid	0.210	0.213	-1.4	70	-0.01
33		4-Chloroaniline	0.363	0.352	3.0	69	0.00
34	C	Hexachlorobutadiene	0.213	0.215	-0.9	72	-0.01
35		Caprolactam	0.090	0.086	4.4	70	0.00
36	C	4-Chloro-3-methylphenol	0.331	0.313	5.4	68	0.00
37		2-Methylnaphthalene	0.687	0.645	6.1	68	0.00
38		1-Methylnaphthalene	0.663	0.629	5.1	69	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	70	0.00
40		1,2,4,5-Tetrachlorobenzene	0.609	0.584	4.1	69	0.00
41	P	Hexachlorocyclopentadiene	0.238	0.202	15.1	57	0.00
42	S	2,4,6-Tribromophenol	0.254	0.262	-3.1	74	0.00
43	C	2,4,6-Trichlorophenol	0.398	0.377	5.3	67	0.00
44		2,4,5-Trichlorophenol	0.403	0.413	-2.5	75	0.00
45	S	2-Fluorobiphenyl	1.315	1.251	4.9	70	0.00
46		1,1'-Biphenyl	1.520	1.429	6.0	69	0.00
47		2-Chloronaphthalene	1.133	1.072	5.4	69	0.00

Sample Results: **BF142068.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.328	0.311	5.2	68	0.00
49		Acenaphthylene	1.681	1.621	3.6	70	0.00
50		Dimethylphthalate	1.401	1.351	3.6	71	0.00
51		2,6-Dinitrotoluene	0.292	0.294	-0.7	72	0.00
52	C	Acenaphthene	1.181	1.158	1.9	71	0.00
53		3-Nitroaniline	0.296	0.280	5.4	67	0.00
54	P	2,4-Dinitrophenol	0.139	0.163	-17.3	81	0.00
55		Dibenzofuran	1.688	1.598	5.3	70	0.00
56	P	4-Nitrophenol	0.223	0.217	2.7	66	0.00
57		2,4-Dinitrotoluene	0.381	0.386	-1.3	72	0.00
58		Fluorene	1.302	1.253	3.8	72	0.00
59		2,3,4,6-Tetrachlorophenol	0.367	0.370	-0.8	72	0.00
60		Diethylphthalate	1.397	1.339	4.2	70	-0.01
61		4-Chlorophenyl-phenylether	0.679	0.658	3.1	72	0.00
62		4-Nitroaniline	0.288	0.271	5.9	66	0.00
63		Azobenzene	1.298	1.196	7.9	68	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	69	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.141	-18.5	80	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.639	1.2	71	0.00
67		4-Bromophenyl-phenylether	0.251	0.245	2.4	69	0.00
68		Hexachlorobenzene	0.275	0.279	-1.5	71	0.00
69		Atrazine	0.198	0.202	-2.0	85	0.00
70	C	Pentachlorophenol	0.170	0.174	-2.4	68	0.00
71		Phenanthrene	1.080	1.027	4.9	68	0.00
72		Anthracene	1.084	1.033	4.7	68	0.00
73		Carbazole	0.935	0.850	9.1	64	0.00
74		Di-n-butylphthalate	1.240	1.177	5.1	69	0.00
75	C	Fluoranthene	1.146	1.022	10.8	64	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	54	0.00
77		Benzidine	0.279	0.213	23.7	32#	0.00
78		Pyrene	1.730	1.878	-8.6	63	0.00
79	S	Terphenyl-d14	1.353	1.473	-8.9	62	0.00
80		Butylbenzylphthalate	0.677	0.684	-1.0	56	-0.01
81		Benzo(a)anthracene	1.312	1.276	2.7	54	0.00
82		3,3'-Dichlorobenzidine	0.379	0.376	0.8	54	0.00
83		Chrysene	1.190	1.130	5.0	54	0.00
84		Bis(2-ethylhexyl)phthalate	0.934	0.885	5.2	53	-0.01
85	c	Di-n-octyl phthalate	1.299	1.257	3.2	54	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	67	0.00
87		Indeno(1,2,3-cd)pyrene	1.294	1.090	15.8	56	0.00
88		Benzo(b)fluoranthene	1.371	1.263	7.9	70	0.00
89		Benzo(k)fluoranthene	1.173	0.993	15.3	55	0.00
90	C	Benzo(a)pyrene	1.073	0.998	7.0	64	0.00
91		Dibenzo(a,h)anthracene	1.067	0.858	19.6	54	0.00
92		Benzo(g,h,i)perylene	1.055	0.857	18.8	54	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142068.D
Acq On : 25 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 25 11:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

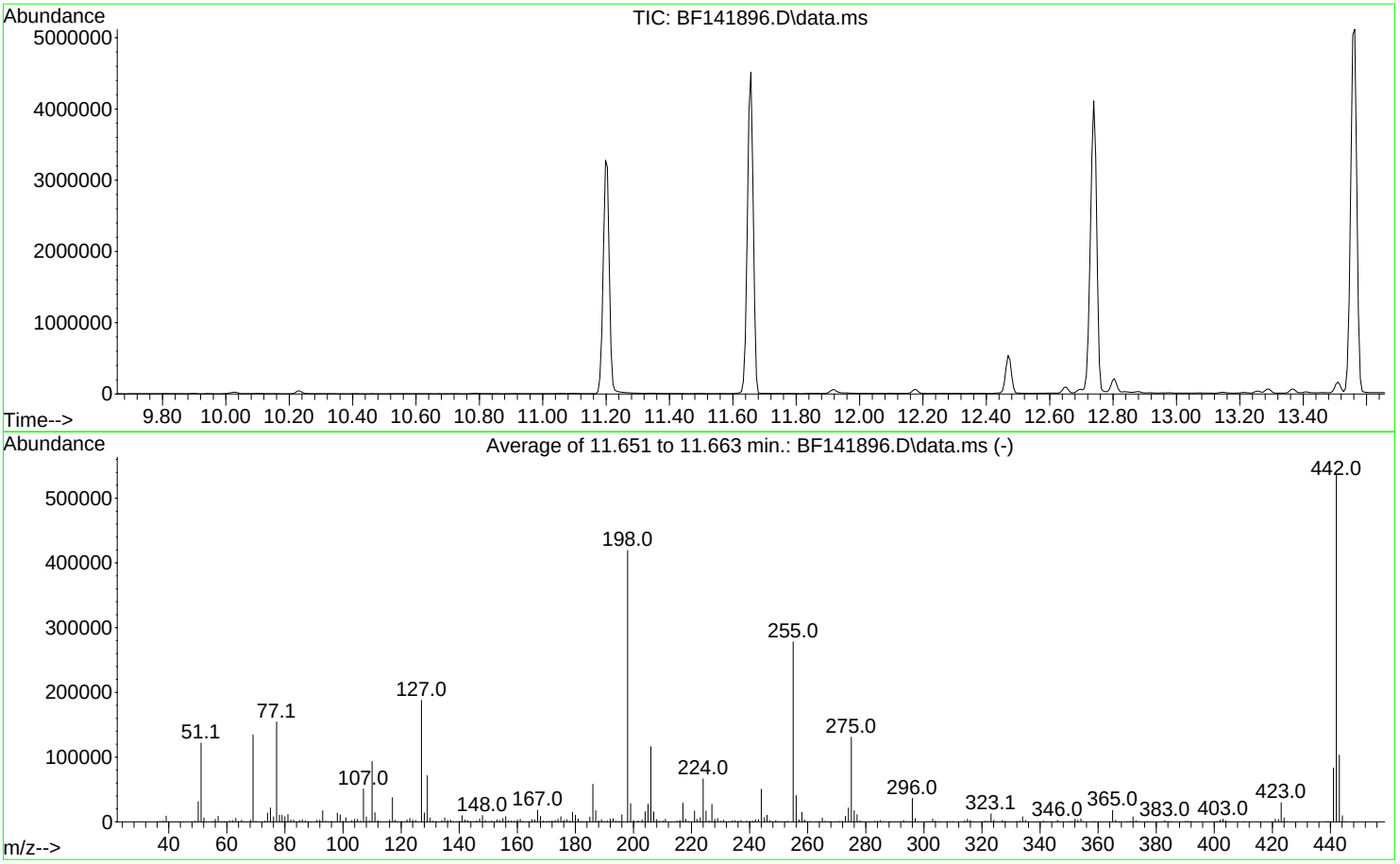
Sample Results: **BF141896.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025



AutoFind: Scans 1625, 1626, 1627; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.1	121957	PASS
68	69	0.00	2	1.9	2599	PASS
69	198	0.00	100	32.0	134239	PASS
70	69	0.00	2	0.7	949	PASS
127	198	10	80	44.8	187627	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	419221	PASS
199	198	5	9	6.7	28280	PASS
275	198	10	60	31.2	130819	PASS
365	198	1	100	4.2	17803	PASS
441	198	0.01	100	19.9	83389	PASS
442	442	50	100	100.0	536640	PASS
443	442	15	24	19.2	102888	PASS

Instrument :
BNA_F
ClientSampleId :
DFTPP

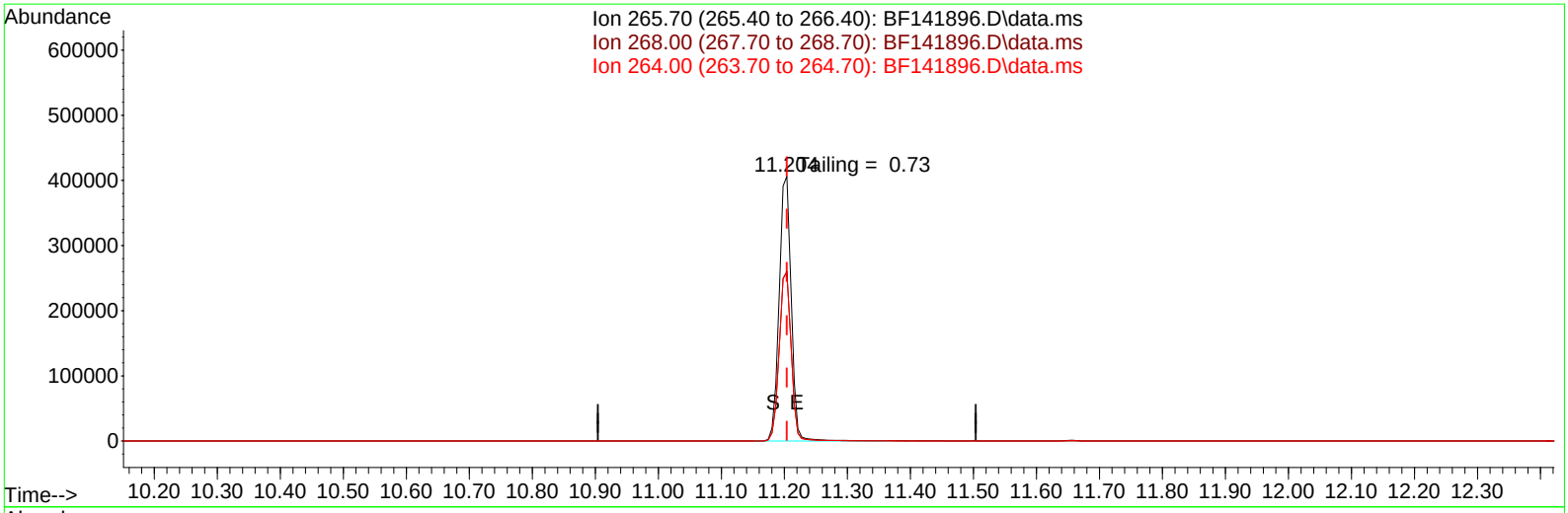
DDT Breakdown

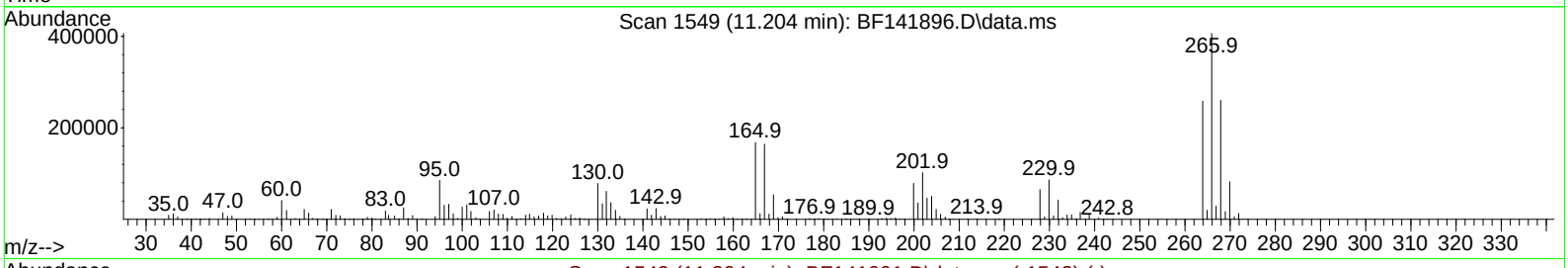
Date	Instrument Name	DFTPP Data File
3/10/2025	BNA_F	BF141896.D
Compound Name	**Response**	**Retention Time**
DDT	1358235	13.562
DDD	20094	13.292
DDE	930	12.921
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
21024	1379259	1.52

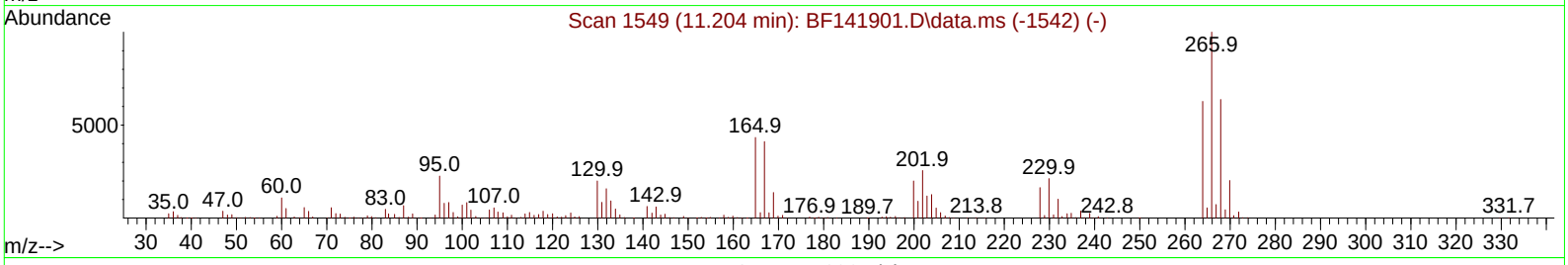
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF141896.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.000) 118650.09 ng

response 544757

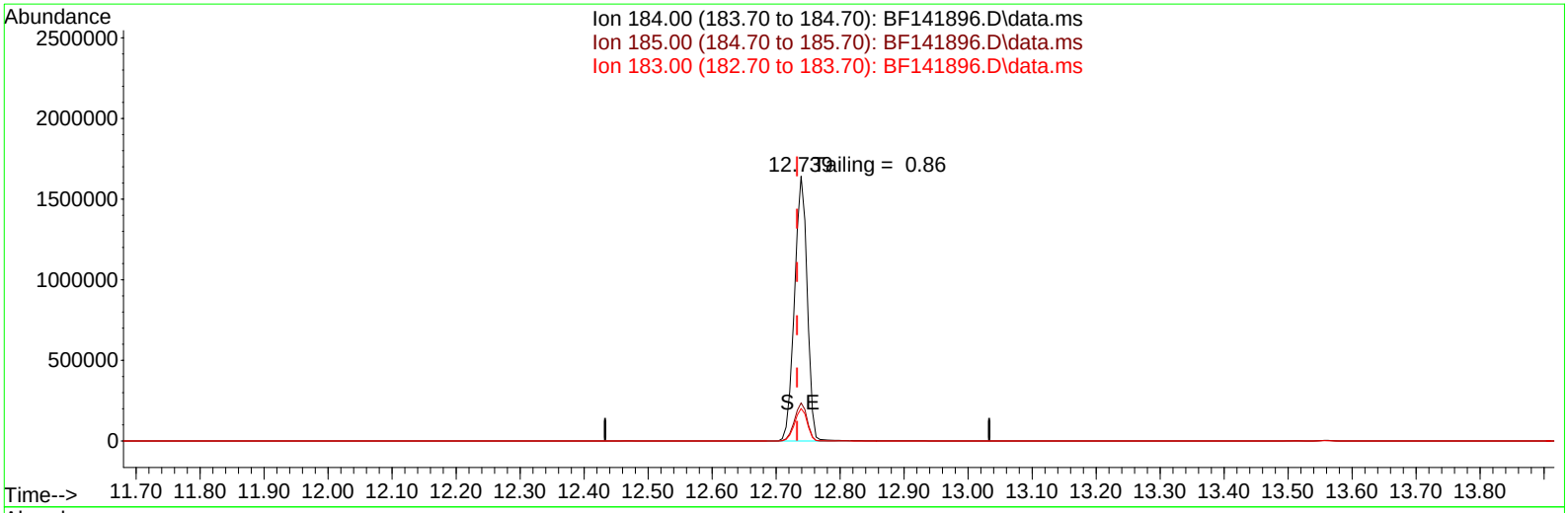
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.05
264.00	62.70	63.55
0.00	0.00	0.00

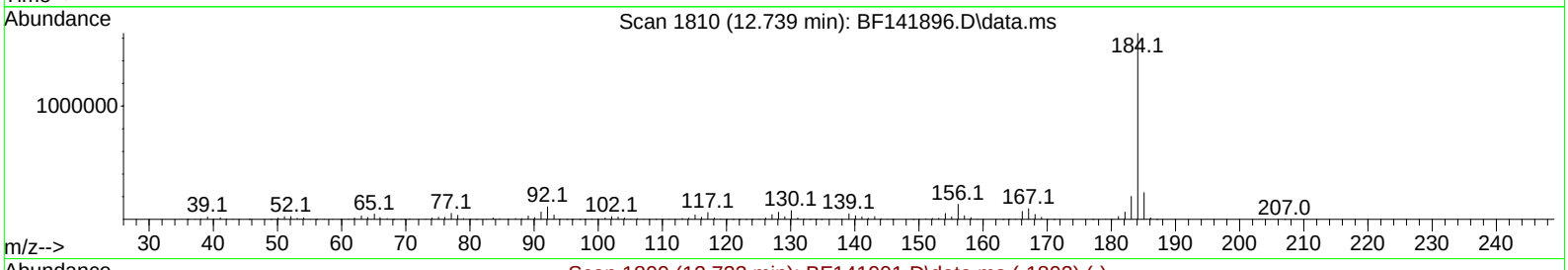
Sample Results: **BF141896.D**

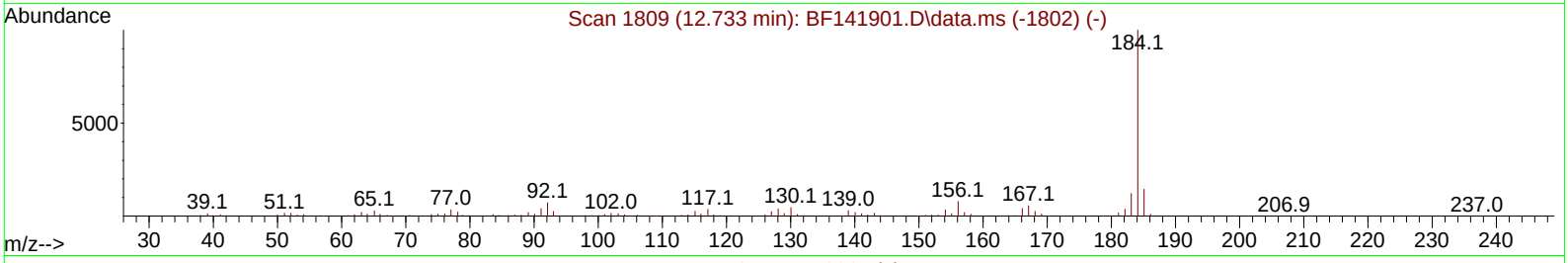
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF141896.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 203796.44 ng

response 2274676

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.38
183.00	12.10	12.32
0.00	0.00	0.00

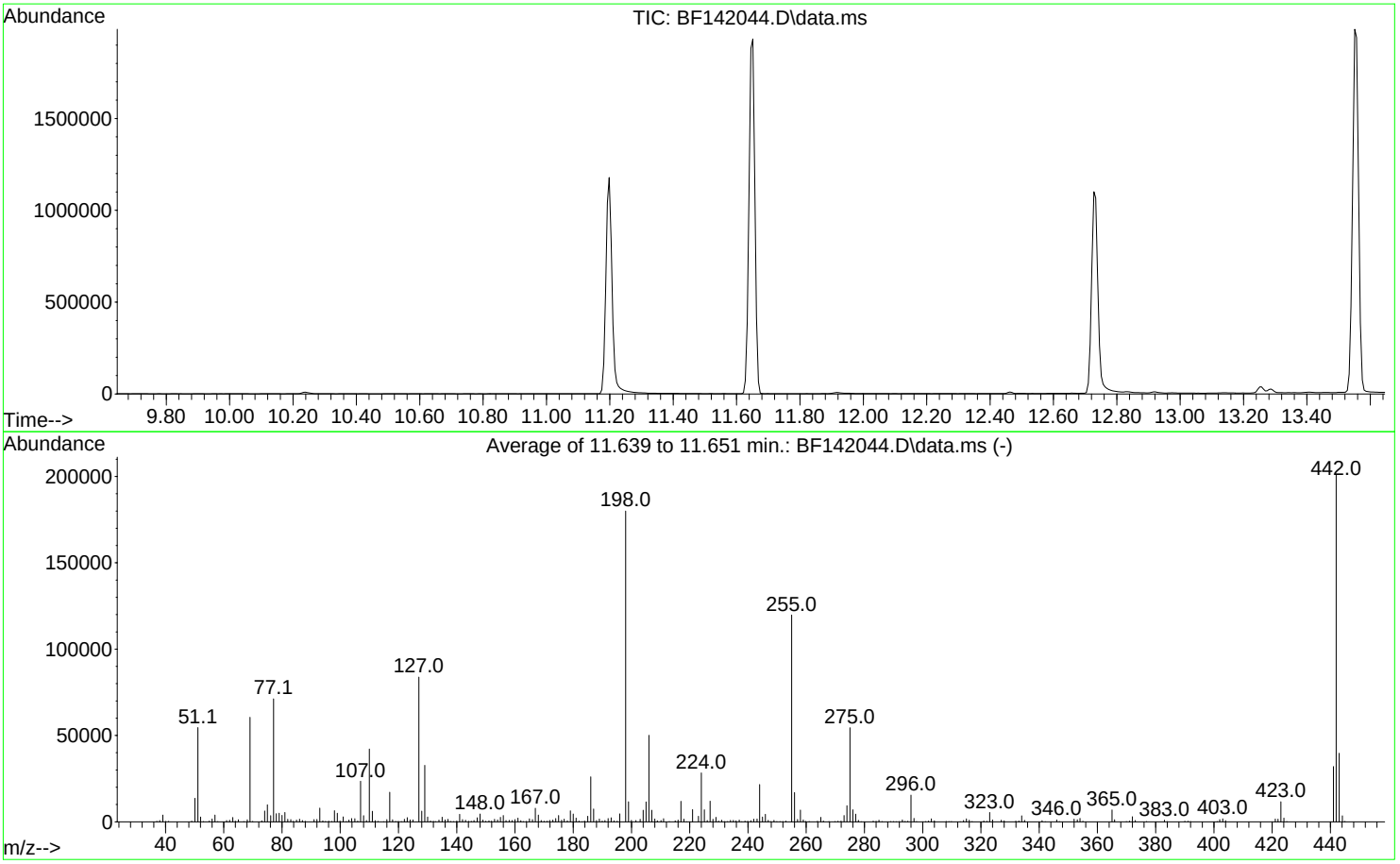
Sample Results: **BF142044.D**

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142044.D
Acq On : 24 Mar 2025 09:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025



AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

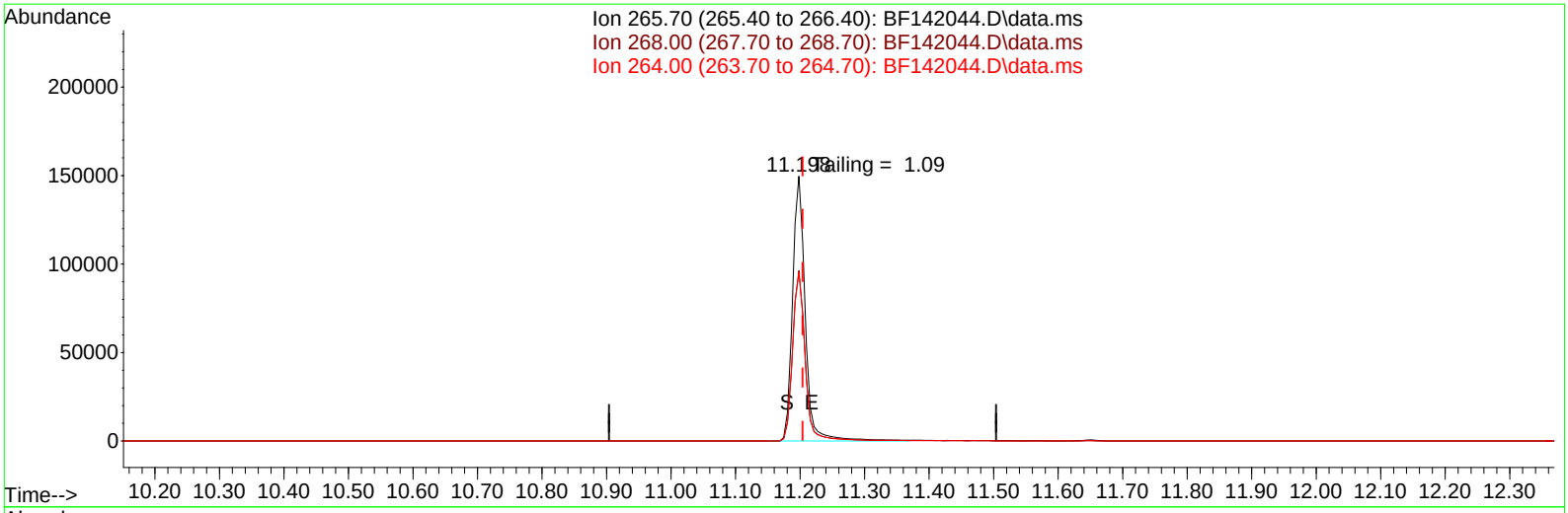
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.3	54595	PASS
68	69	0.00	2	1.9	1146	PASS
69	198	0.00	100	33.6	60485	PASS
70	69	0.00	2	0.4	267	PASS
127	198	10	80	46.6	83835	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	179944	PASS
199	198	5	9	6.5	11637	PASS
275	198	10	60	30.3	54496	PASS
365	198	1	100	3.8	6912	PASS
441	198	0.01	100	17.8	32003	PASS
442	442	50	100	100.0	201192	PASS
443	442	15	24	19.7	39667	PASS

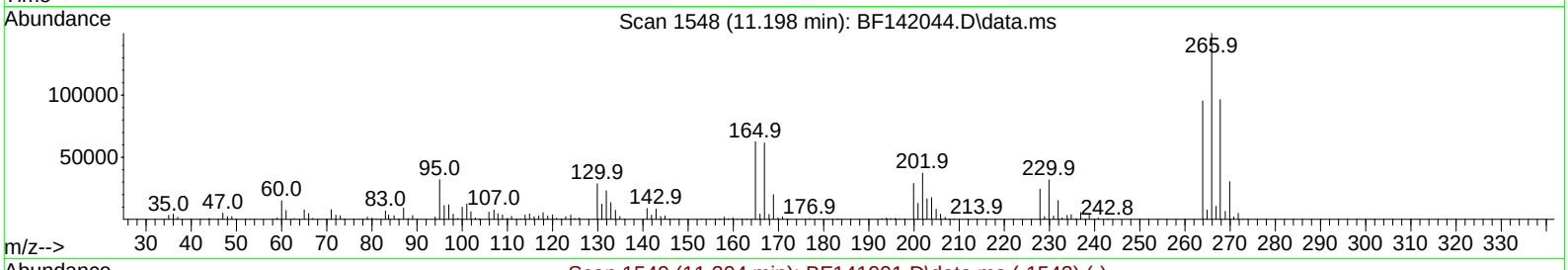
Sample Results: **BF142044.D**

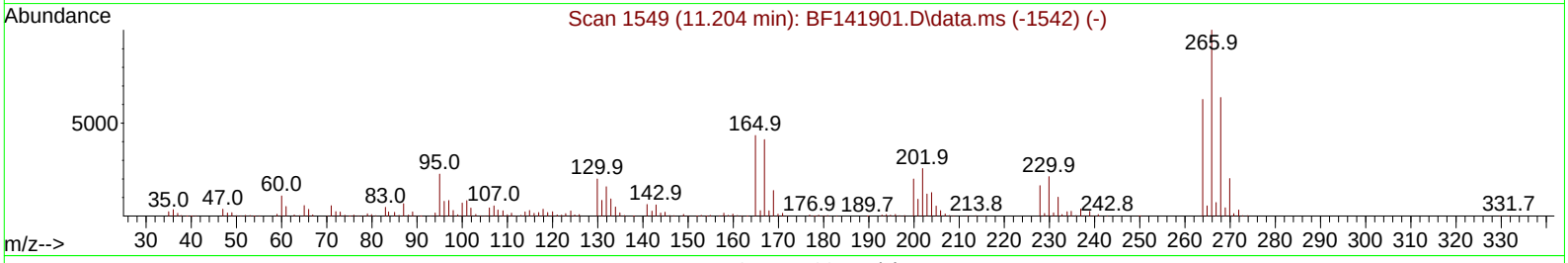
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142044.D
Acq On : 24 Mar 2025 09:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 24 11:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF142044.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.006) 409215.86 ng

response 204900

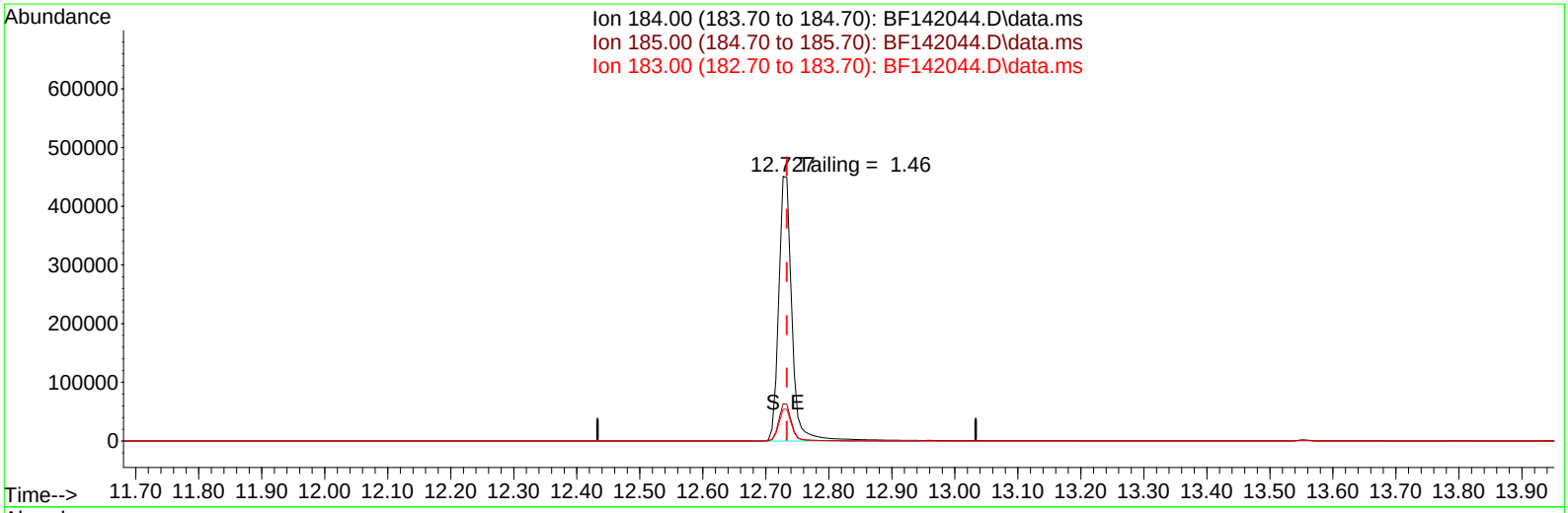
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.35
264.00	62.70	63.69
0.00	0.00	0.00

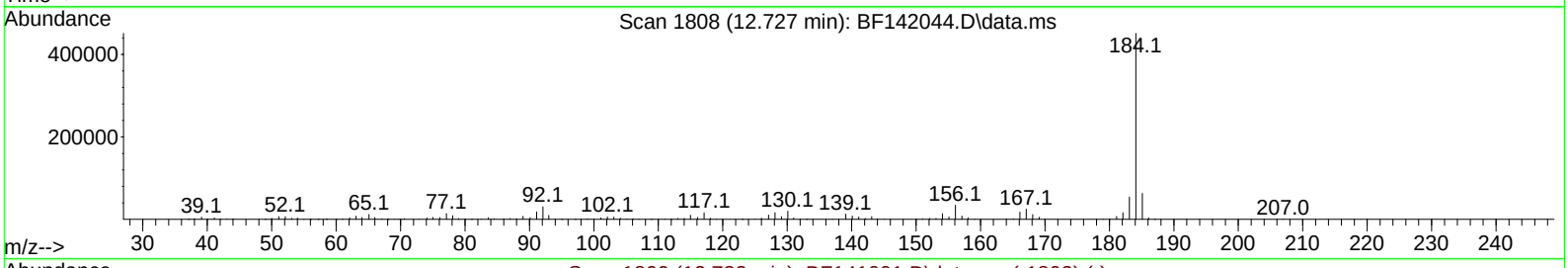
Sample Results: **BF142044.D**

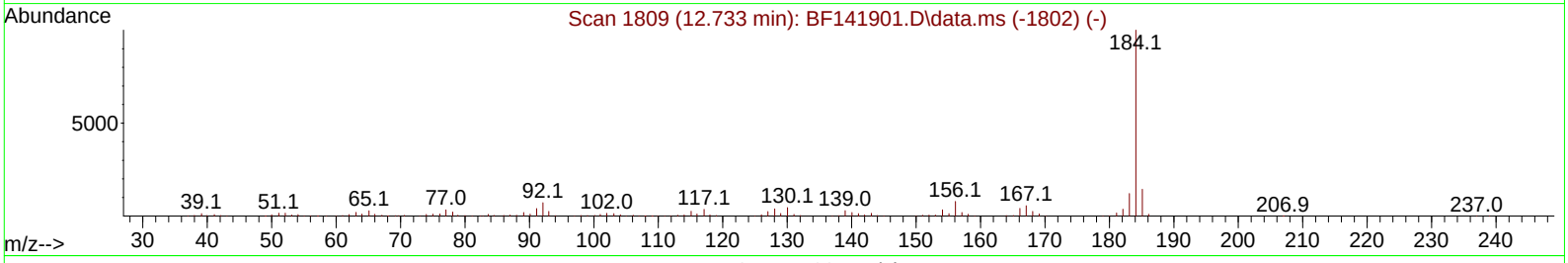
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142044.D
Acq On : 24 Mar 2025 09:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 24 11:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF142044.D\data.ms

(77) Benzidine

12.727min (-0.006) 0.00 ng

response 662362

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.01
183.00	12.10	12.02
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
2/24/2025	BNA_F	BF142044.D
Compound Name	**Response**	**Retention Time**
DDT	529950	13.557
DDD	16020	13.257
DDE	2069	12.922
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18089	548039	3.30

Instrument :
BNA_F
ClientSampleId :
DFTPP

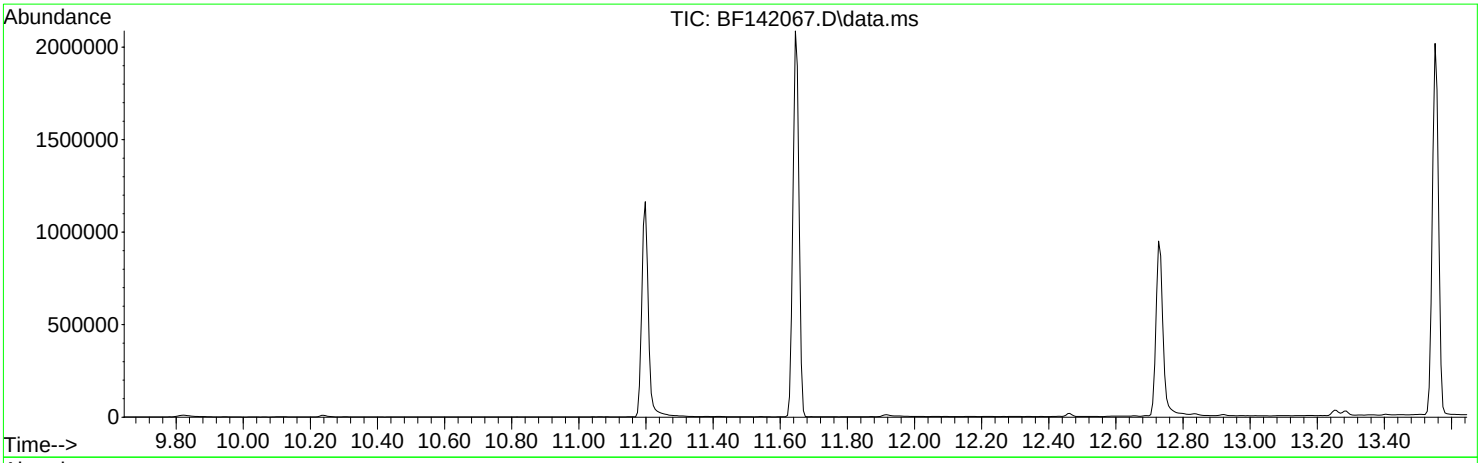
Sample Results: **BF142067.D**

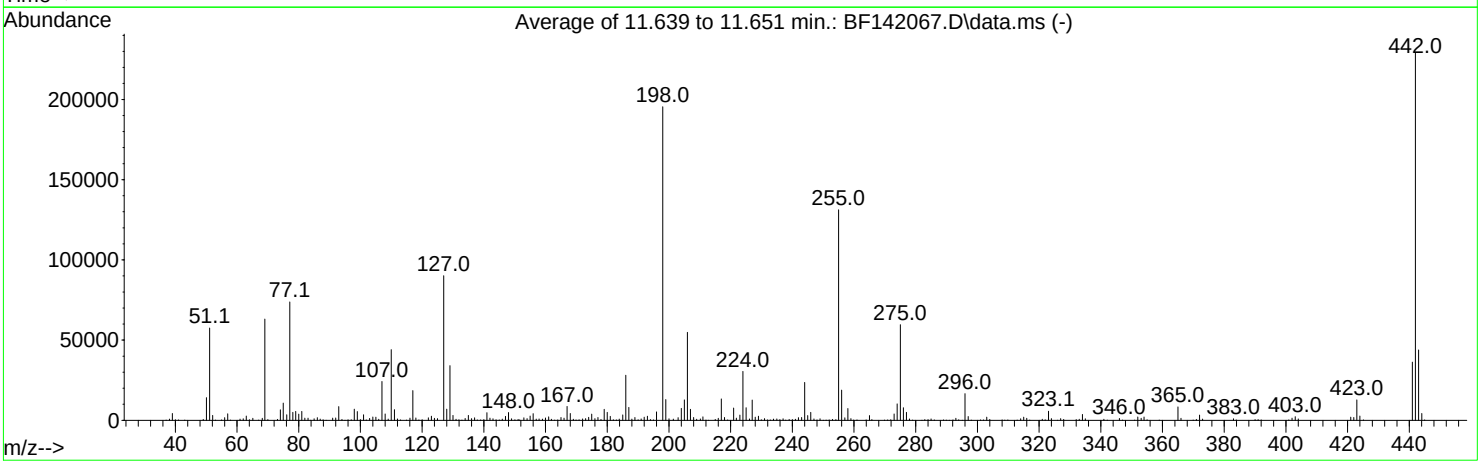
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142067.D
Acq On : 25 Mar 2025 09:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025





AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

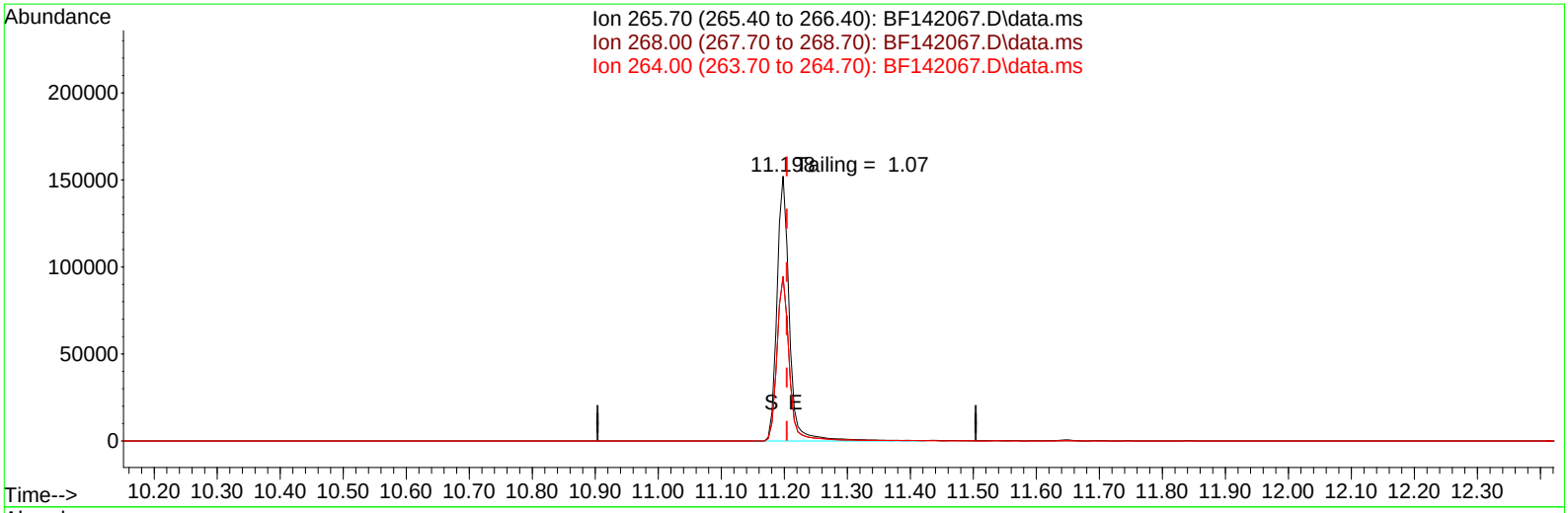
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.4	57504	PASS
68	69	0.00	2	1.9	1208	PASS
69	198	0.00	100	32.3	63091	PASS
70	69	0.00	2	0.7	436	PASS
127	198	10	80	46.1	90131	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	195499	PASS
199	198	5	9	6.6	12924	PASS
275	198	10	60	30.5	59603	PASS
365	198	1	100	4.2	8301	PASS
441	198	0.01	100	18.5	36256	PASS
442	442	50	100	100.0	229355	PASS
443	442	15	24	19.1	43824	PASS

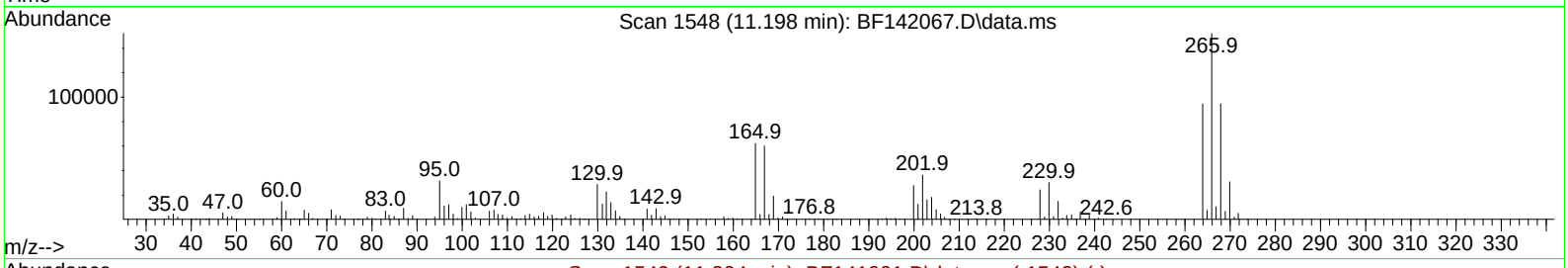
Sample Results: **BF142067.D**

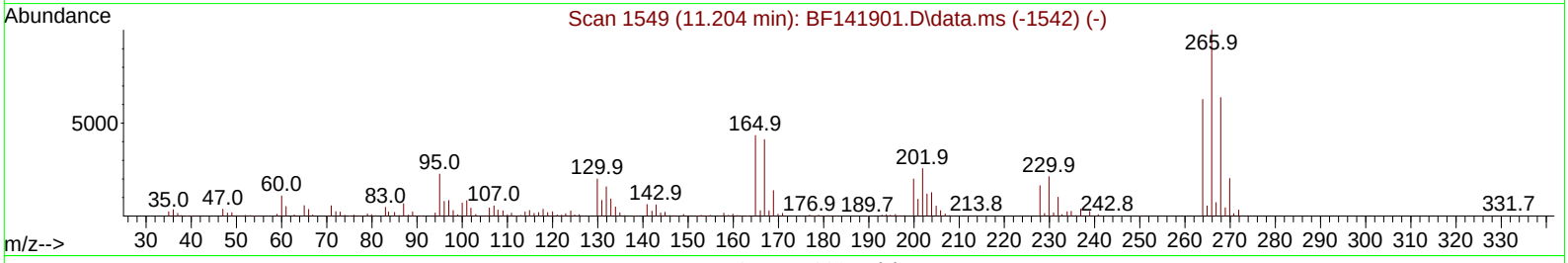
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142067.D
Acq On : 25 Mar 2025 09:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 25 11:19:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF142067.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.006) 96884.65 ng

response 208846

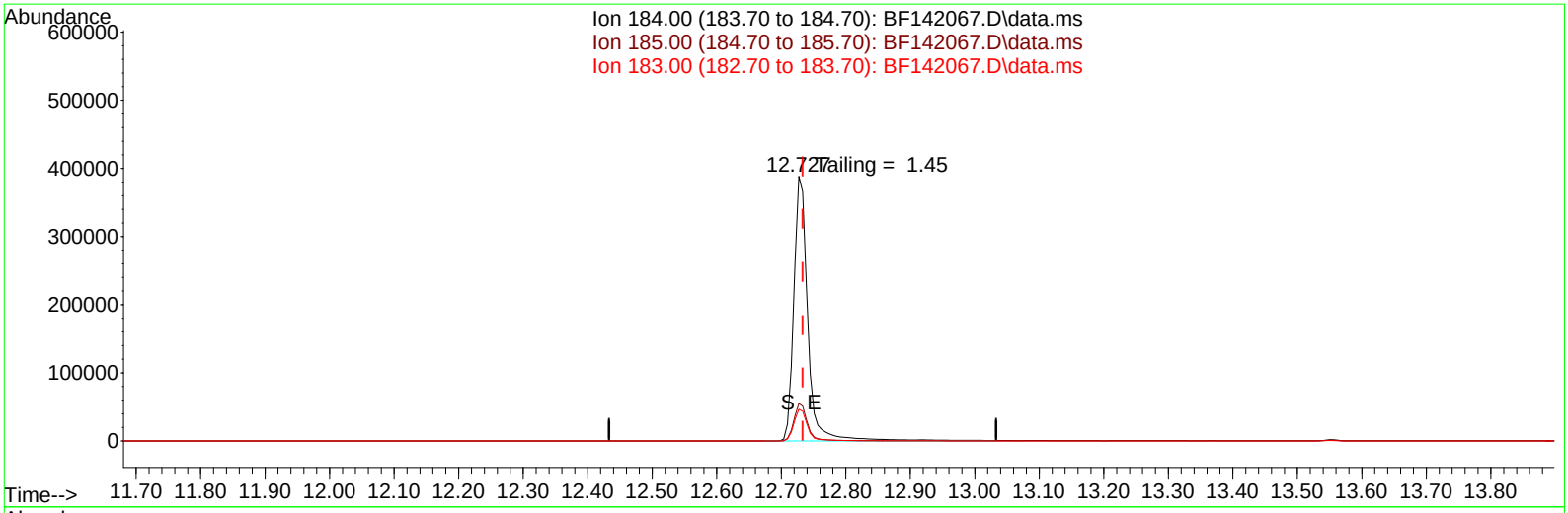
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.08
264.00	62.70	62.07
0.00	0.00	0.00

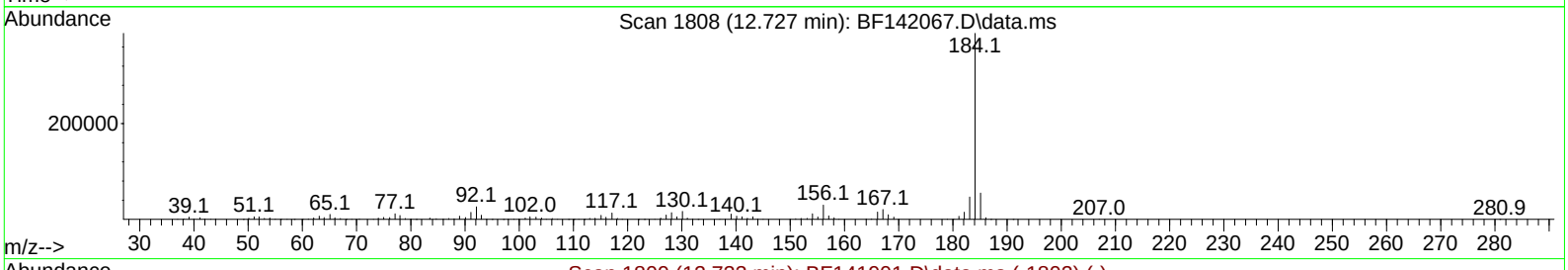
Sample Results: **BF142067.D**

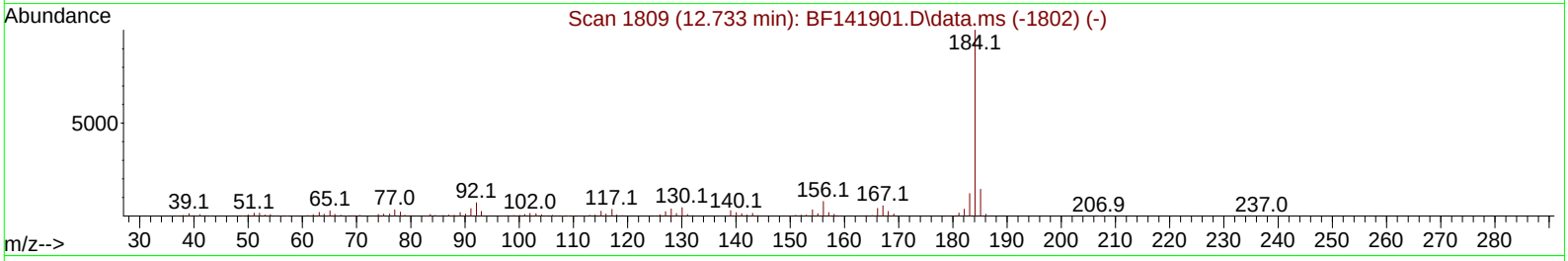
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142067.D
Acq On : 25 Mar 2025 09:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 25 11:19:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration







TIC: BF142067.D\data.ms

(77) Benzidine

12.727min (-0.006) 165543.78 ng

response 584341

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.16
183.00	12.10	12.03
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
2/25/2025	BNA_F	BF142067.D
Compound Name	**Response**	**Retention Time**
DDT	523081	13.551
DDD	14002	13.251
DDE	1735	12.921
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
15737	538818	2.92

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

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

Raw Data: **BF142069.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

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

Raw Data: **BF142069.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BL	SDG No.:	Q1626
Lab Sample ID:	PB167274BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142069.D	1	03/24/25 08:15	03/25/25 10:39	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	146		18 - 112	97%	SPK: 150
13127-88-3	Phenol-d6	139		15 - 107	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.8		18 - 107	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.5		20 - 109	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		10 - 116	113%	SPK: 150
1718-51-0	Terphenyl-d14	125	*	10 - 105	125%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	136000	6.875			
1146-65-2	Naphthalene-d8	550000	8.151			
15067-26-2	Acenaphthene-d10	318000	9.91			
1517-22-2	Phenanthrene-d10	598000	11.392			
1719-03-5	Chrysene-d12	347000	14.033			
1520-96-3	Perylene-d12	240000	15.509			

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Quant Time: Mar 25 11:23:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

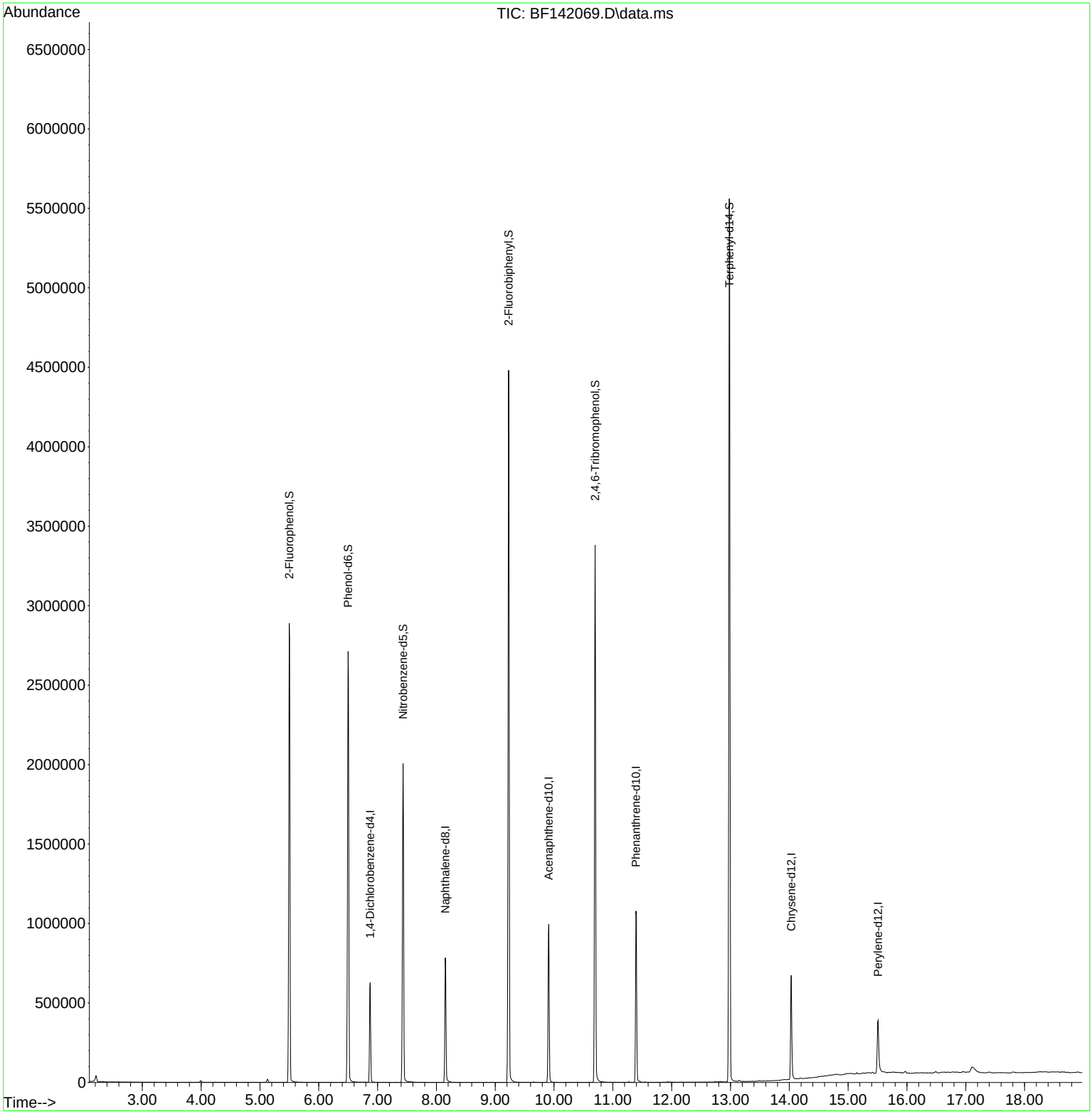
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	136368	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	549780	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	317708	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	598292	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	346843	20.000	ng	0.00
86) Perylene-d12	15.509	264	240104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1192347	145.927	ng	0.00
7) Phenol-d6	6.498	99	1444943	138.893	ng	0.00
23) Nitrobenzene-d5	7.433	82	975331	99.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	680231	168.769	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2078783	99.508	ng	-0.01
79) Terphenyl-d14	12.980	244	2927722	124.797	ng	0.00
Target Compounds						Qvalue

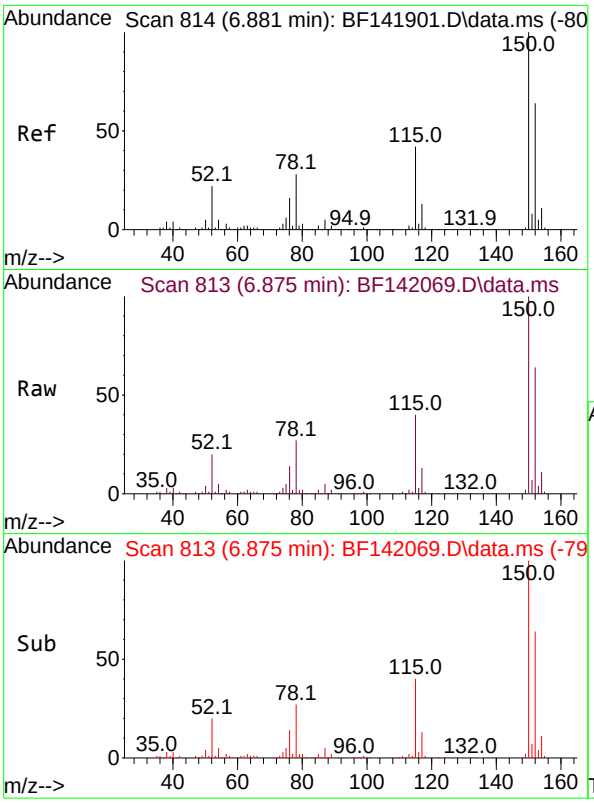
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Quant Time: Mar 25 11:23:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



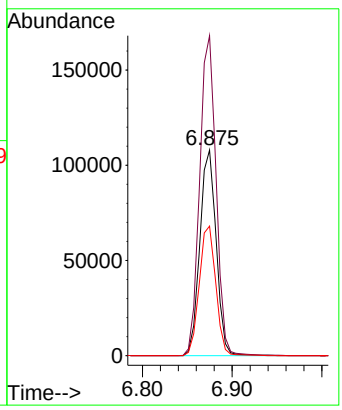


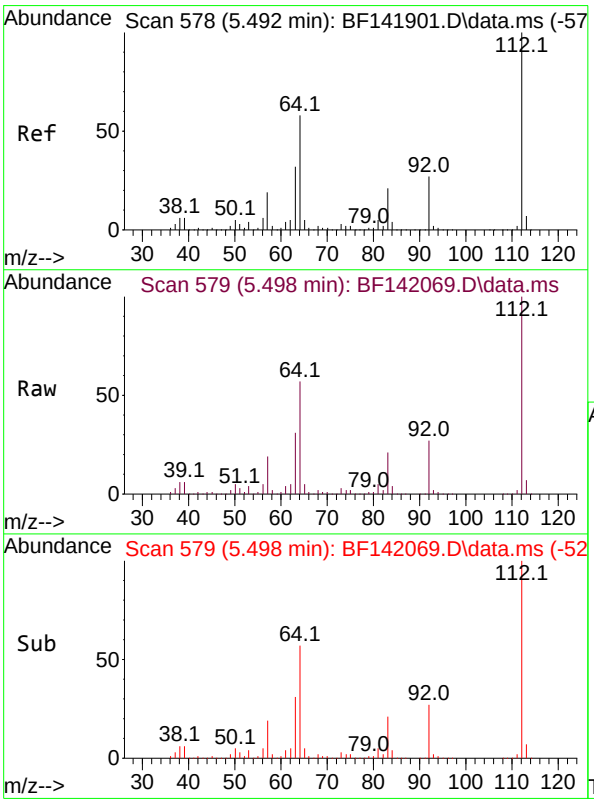
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion:152 Resp: 136368

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.2
115	63.0	51.9	77.9

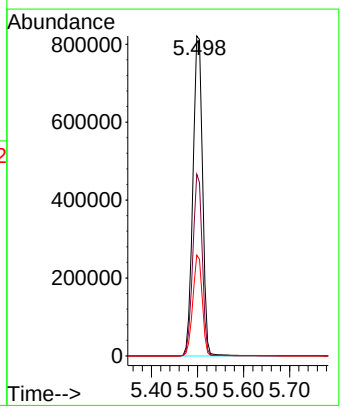


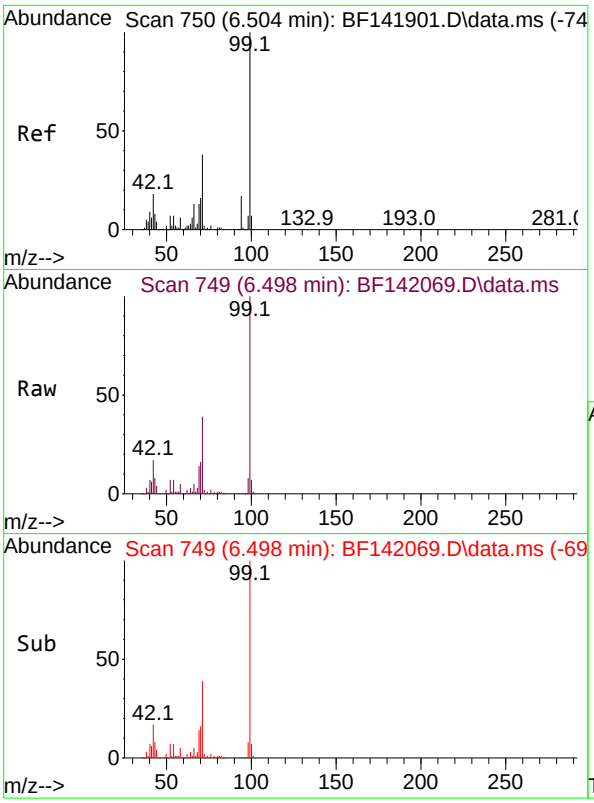


#5
2-Fluorophenol
Concen: 145.927 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:112 Resp: 1192347

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.5	69.7
63	31.5	25.4	38.2



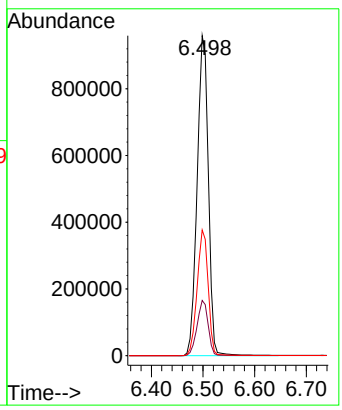


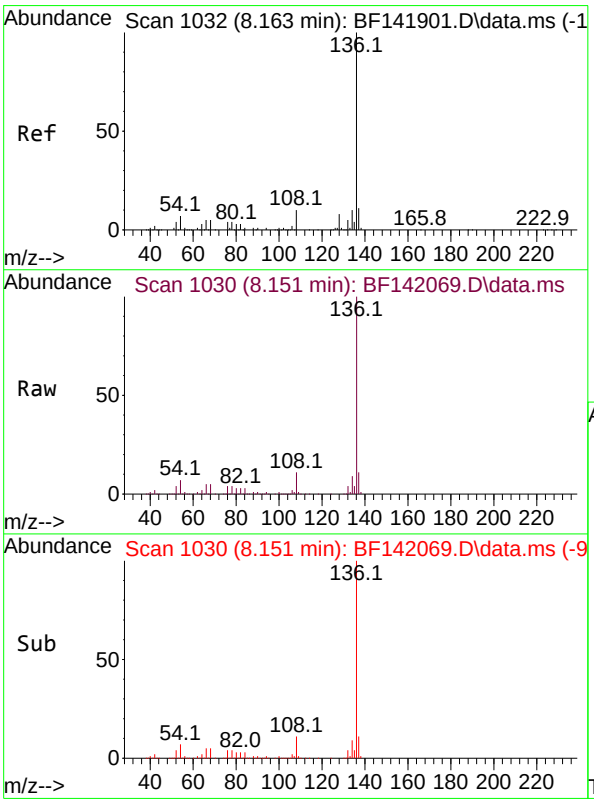
#7
Phenol-d6
Concen: 138.893 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion: 99 Resp: 1444943

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	39.3	30.8	46.2

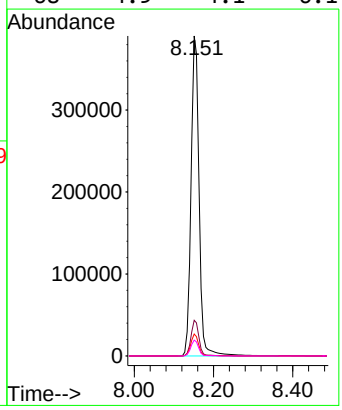


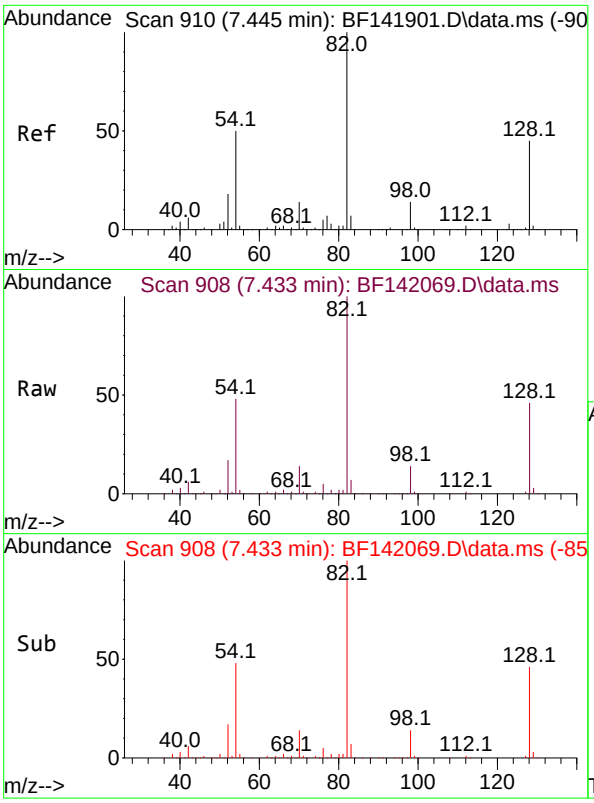


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:136 Resp: 549780

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1



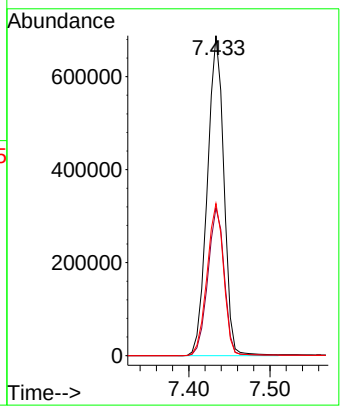


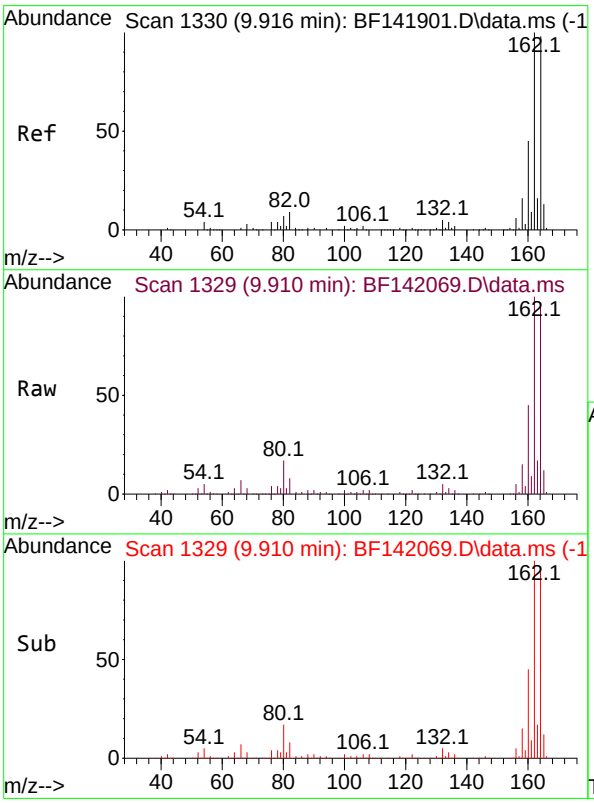
#23
Nitrobenzene-d5
Concen: 99.836 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion: 82 Resp: 975331

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.0	54.0
54	47.5	39.6	59.4

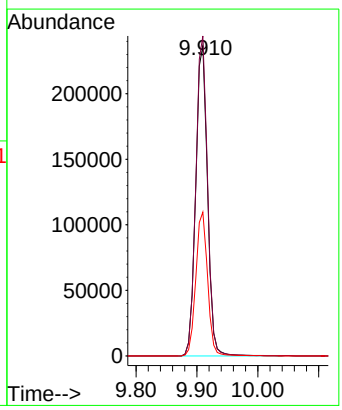


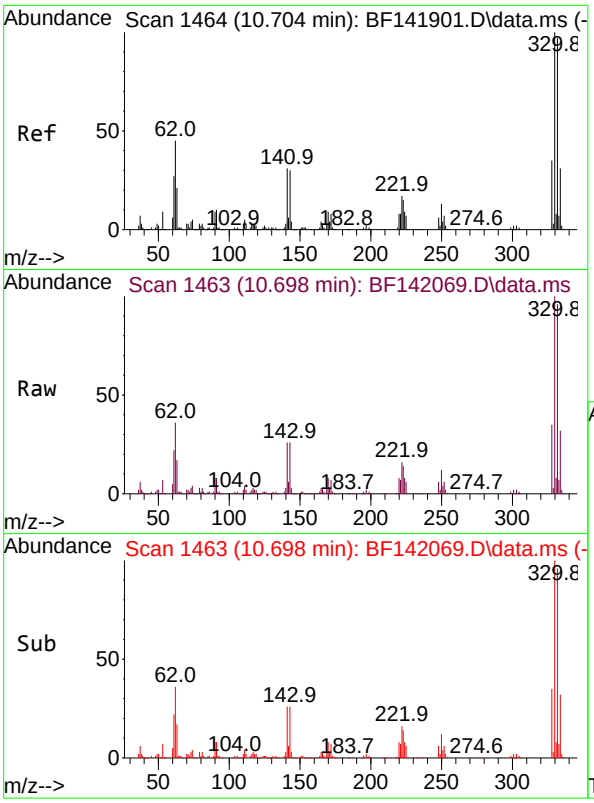


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:164 Resp: 317708

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	46.3	36.7	55.1



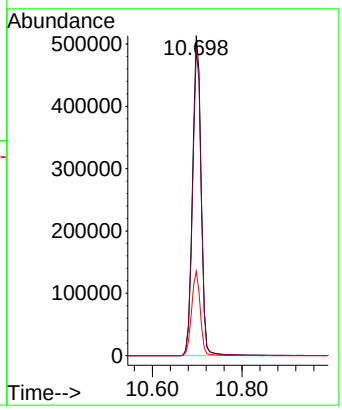


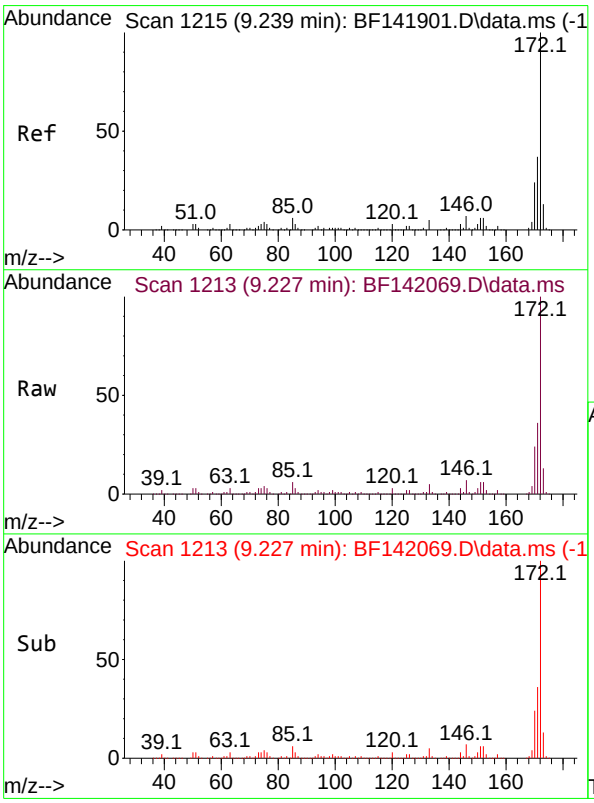
#42
2,4,6-Tribromophenol
Concen: 168.769 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion:330 Resp: 680231

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	26.7	24.7	37.1

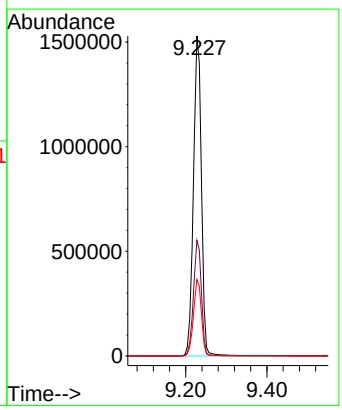


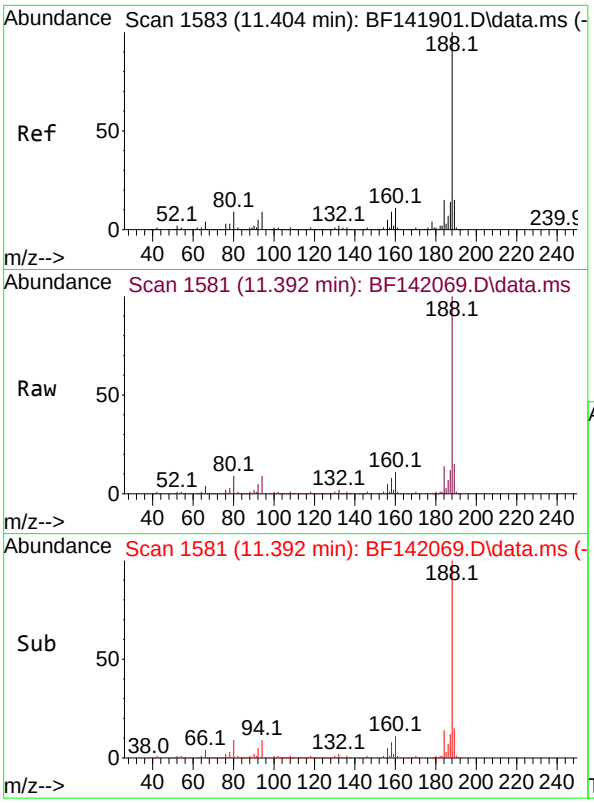


#45
2-Fluorobiphenyl
Concen: 99.508 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:172 Resp: 2078783

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.8	19.4	29.0



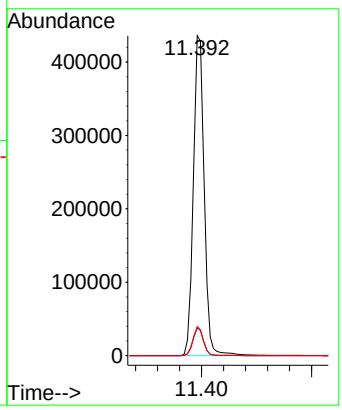


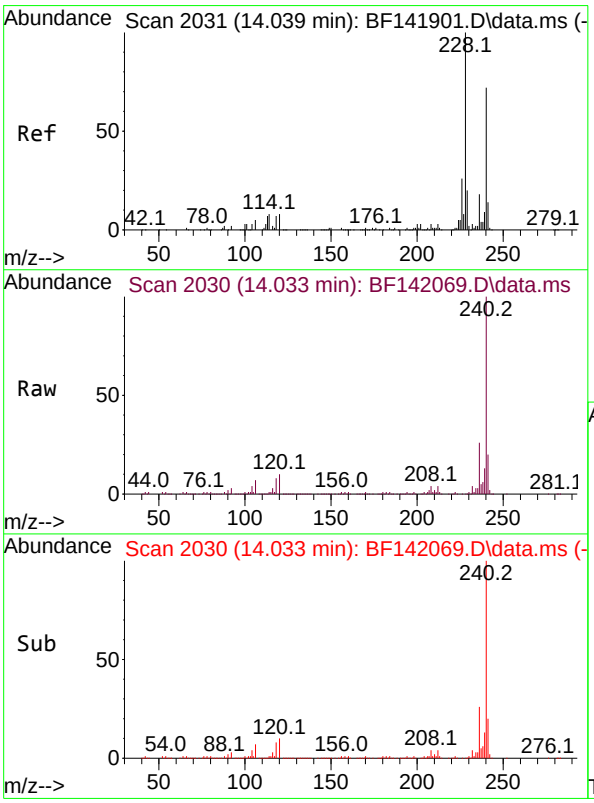
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion:188 Resp: 598292

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.1	7.6	11.4

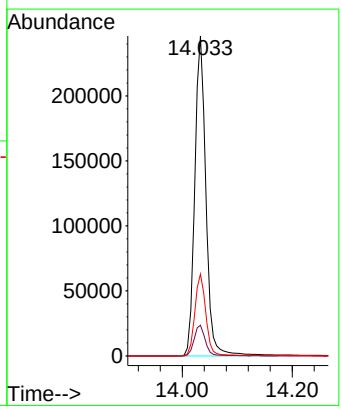


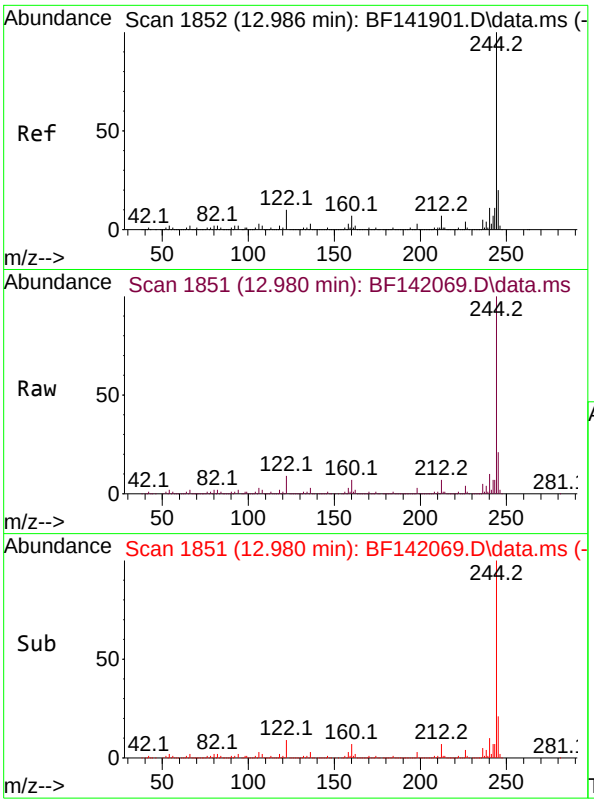


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:240 Resp: 346843

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.6	20.5	30.7



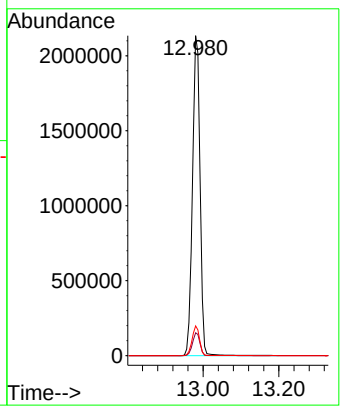


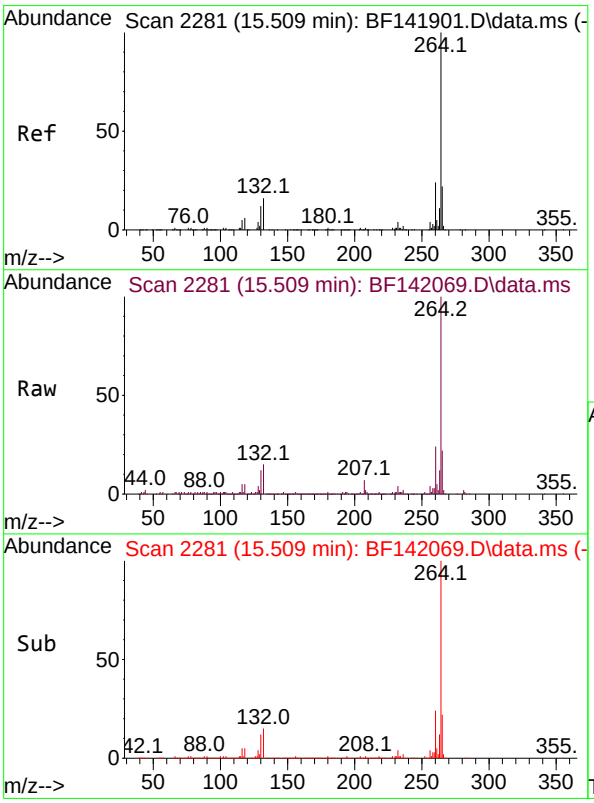
#79
Terphenyl-d14
Concen: 124.797 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion:244 Resp: 2927722

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.3	7.7	11.5

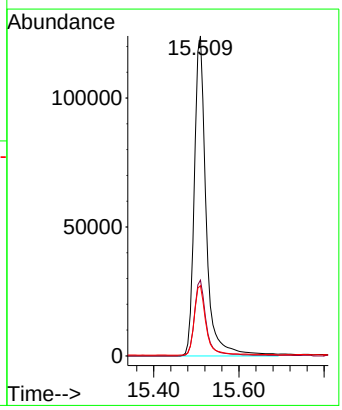




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:264 Resp: 240104

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.9	17.5	26.3



Sample Results: **BF142069.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167274BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	12	20	30	rVB	37637	75151	1.00%	0.213%
2	5.498	573	579	585	rBV	2888869	4102818	54.71%	11.638%
3	6.498	742	749	755	rBV	2712198	4044885	53.93%	11.474%
4	6.875	807	813	824	rBV	626618	797954	10.64%	2.263%
5	7.433	901	908	913	rBV	2006096	2814616	37.53%	7.984%
6	8.151	1024	1030	1052	rBV	784617	1092212	14.56%	3.098%
7	9.227	1206	1213	1218	rBV	4480700	5970343	79.61%	16.935%
8	9.910	1323	1329	1343	rBV	995756	1337642	17.84%	3.794%
9	10.698	1457	1463	1492	rBV	3380533	4495717	59.95%	12.752%
10	11.392	1576	1581	1599	rBV	1077392	1467339	19.57%	4.162%
11	12.980	1845	1851	1857	rBV	5556848	7499638	100.00%	21.273%
12	14.033	2024	2030	2042	rBV	655873	924607	12.33%	2.623%
13	15.509	2275	2281	2294	rBV	327347	630888	8.41%	1.790%

Sum of corrected areas: 35253810

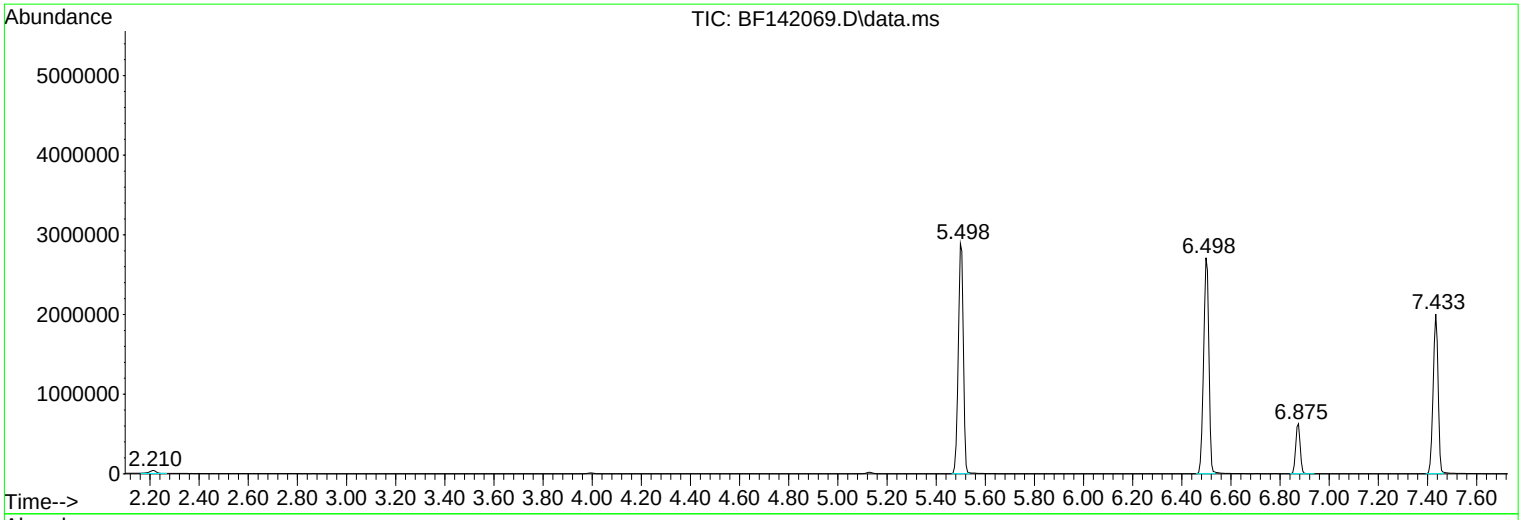
Sample Results: **BF142069.D**

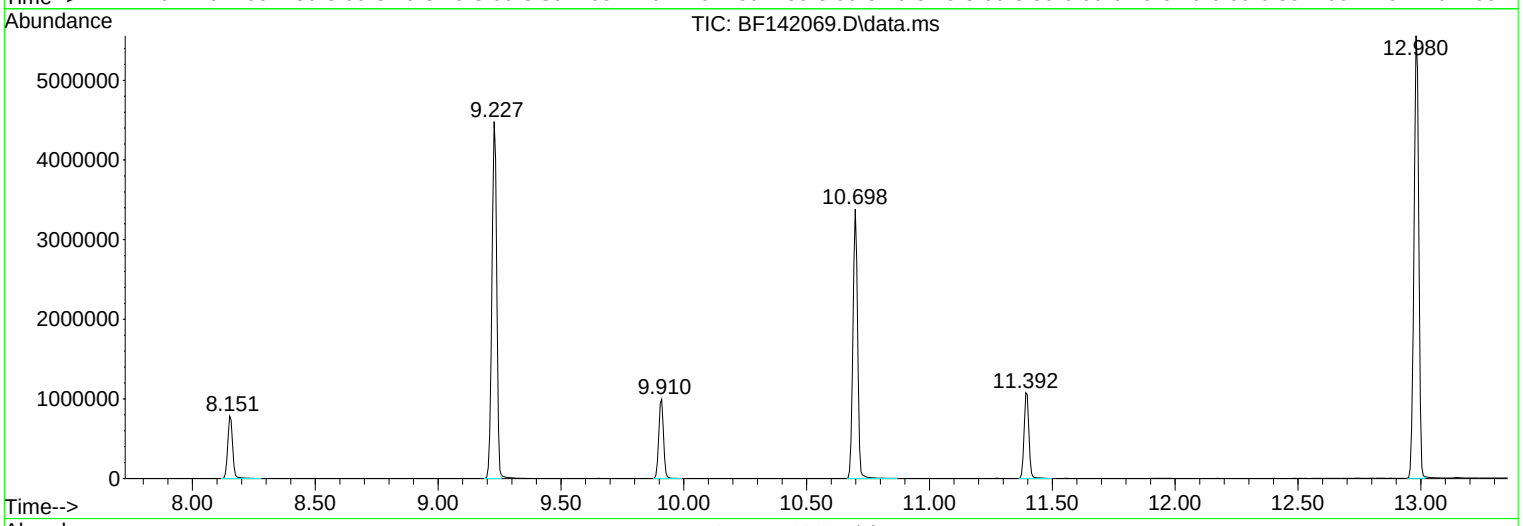
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

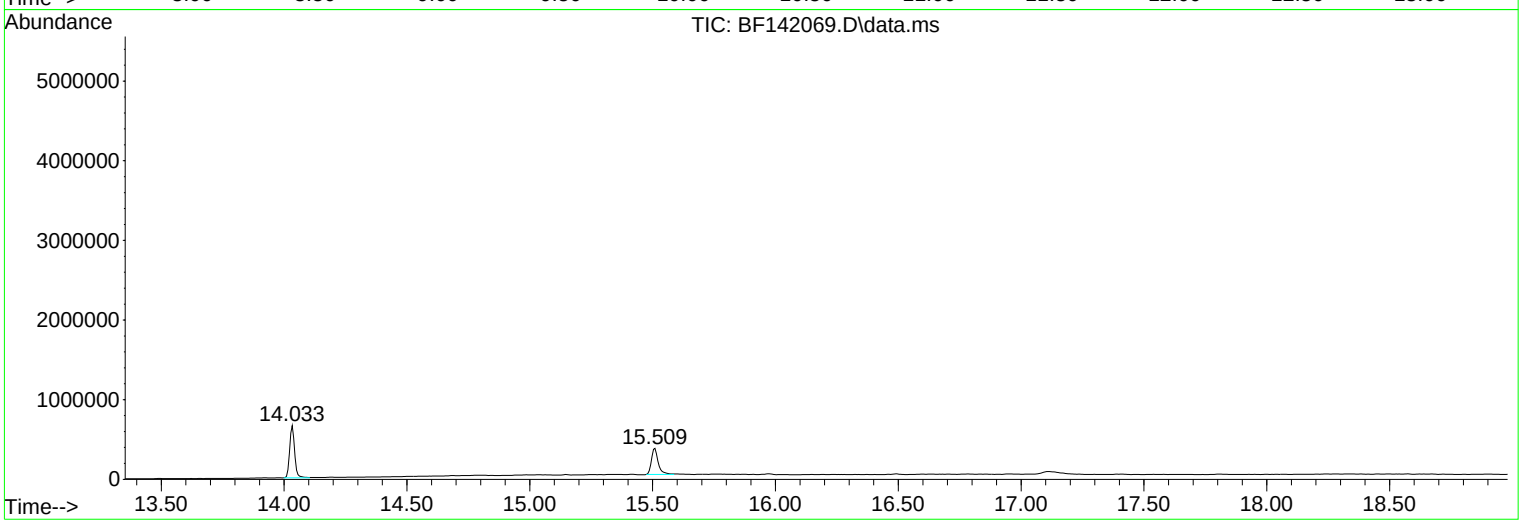
Instrument :
BNA_F
ClientSampleId :
PB167274BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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: **BF142069.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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_F\Data\BF032525\
Data File : BF142069.D
Acq On : 25 Mar 2025 10:39
Operator : RC/JU
Sample : PB167274BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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

Raw Data: **BF142070.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	710		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		25.3	170	ug/Kg
105-60-2	Caprolactam	1800		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Raw Data: **BF142070.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	950		46.0	170	ug/Kg
83-32-9	Acenaphthene	1800		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		25.3	170	ug/Kg
1912-24-9	Atrazine	2100		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1800		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Raw Data: **BF142070.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167274BS	SDG No.:	Q1626
Lab Sample ID:	PB167274BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142070.D	1	03/24/25 08:15	03/25/25 11:09	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	151		18 - 112	101%	SPK: 150
13127-88-3	Phenol-d6	147		15 - 107	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		18 - 107	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		20 - 109	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	184	*	10 - 116	123%	SPK: 150
1718-51-0	Terphenyl-d14	129	*	10 - 105	129%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.875			
1146-65-2	Naphthalene-d8	522000	8.157			
15067-26-2	Acenaphthene-d10	303000	9.91			
1517-22-2	Phenanthrene-d10	544000	11.398			
1719-03-5	Chrysene-d12	303000	14.033			
1520-96-3	Perylene-d12	274000	15.504			

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142070.D
Acq On : 25 Mar 2025 11:09
Operator : RC/JU
Sample : PB167274BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 11:45:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	129139	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	522093	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	302608	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	543533	20.000	ng		0.00
76) Chrysene-d12	14.033	240	302856	20.000	ng		0.00
86) Perylene-d12	15.504	264	273867	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1172189	151.491	ng		0.01
7) Phenol-d6	6.504	99	1443747	146.547	ng		0.00
23) Nitrobenzene-d5	7.440	82	964308	103.942	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	706205	183.956	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2064823	103.771	ng		0.00
79) Terphenyl-d14	12.980	244	2648255	129.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	140481	43.330	ng		97
3) Pyridine	3.499	79	324526	40.807	ng		97
4) n-Nitrosodimethylamine	3.434	42	163230	43.058	ng		96
6) Aniline	6.534	93	367319	37.795	ng	#	89
8) 2-Chlorophenol	6.657	128	413702	48.208	ng		99
9) Benzaldehyde	6.422	77	99229	18.009	ng		99
10) Phenol	6.516	94	476532	45.978	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	349429	44.900	ng		98
12) 1,3-Dichlorobenzene	6.816	146	429884	46.399	ng		99
13) 1,4-Dichlorobenzene	6.893	146	440202	46.959	ng		98
14) 1,2-Dichlorobenzene	7.045	146	420434	47.617	ng		98
15) Benzyl Alcohol	7.016	79	358977	45.071	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	384793	40.955	ng		95
17) 2-Methylphenol	7.122	107	324992	47.630	ng		99
18) Hexachloroethane	7.387	117	163917	46.631	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	266415	42.085	ng		99
20) 3+4-Methylphenols	7.275	107	410129	46.926	ng	#	86
22) Acetophenone	7.281	105	608758	48.689	ng		96
24) Nitrobenzene	7.457	77	416912	45.204	ng		98
25) Isophorone	7.692	82	755549	46.072	ng		99
26) 2-Nitrophenol	7.769	139	228050	50.380	ng		99
27) 2,4-Dimethylphenol	7.804	122	350384	56.215	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	450261	43.775	ng		99
29) 2,4-Dichlorophenol	8.010	162	363857	47.031	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	390960	45.856	ng		100
31) Naphthalene	8.175	128	1191000	44.409	ng		100
32) Benzoic acid	7.928	122	275519	50.287	ng		97
33) 4-Chloroaniline	8.222	127	201436	21.277	ng		98
34) Hexachlorobutadiene	8.292	225	263275	47.351	ng		99
35) Caprolactam	8.592	113	125411m	53.170	ng		
36) 4-Chloro-3-methylphenol	8.704	107	398472	46.172	ng		99
37) 2-Methylnaphthalene	8.869	142	776891	43.338	ng		100
38) 1-Methylnaphthalene	8.969	142	766777	44.326	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	469660	50.977	ng		99
41) Hexachlorocyclopentadiene	9.022	237	558279	154.834	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	289706	48.114	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142070.D
Acq On : 25 Mar 2025 11:09
Operator : RC/JU
Sample : PB167274BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 11:45:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	293856	48.187	ng		100
46) 1,1'-Biphenyl	9.334	154	1145949	49.840	ng		99
47) 2-Chloronaphthalene	9.357	162	785973	45.863	ng		99
48) 2-Nitroaniline	9.451	65	233668	47.091	ng		98
49) Acenaphthylene	9.775	152	1240563	48.781	ng		100
50) Dimethylphthalate	9.634	163	985586	46.510	ng		100
51) 2,6-Dinitrotoluene	9.692	165	217727	49.347	ng		97
52) Acenaphthene	9.945	154	939330	52.559	ng		100
53) 3-Nitroaniline	9.863	138	128191	28.643	ng		99
54) 2,4-Dinitrophenol	9.975	184	258179	101.100	ng	#	45
55) Dibenzofuran	10.116	168	1152234	45.120	ng		99
56) 4-Nitrophenol	10.028	139	340583	100.910	ng		96
57) 2,4-Dinitrotoluene	10.098	165	304173	52.783	ng		99
58) Fluorene	10.463	166	915719	46.499	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	271100	48.854	ng		98
60) Diethylphthalate	10.334	149	973810	46.087	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	481030	46.851	ng		98
62) 4-Nitroaniline	10.481	138	201448	46.233	ng		98
63) Azobenzene	10.610	77	853970	43.470	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	173343	53.497	ng		93
66) n-Nitrosodiphenylamine	10.569	169	808364	45.959	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	313496	45.926	ng		100
68) Hexachlorobenzene	11.010	284	370884	49.539	ng		95
69) Atrazine	11.098	200	339977	63.051	ng		99
70) Pentachlorophenol	11.204	266	442499	95.929	ng		99
71) Phenanthrene	11.422	178	1387852	47.273	ng		99
72) Anthracene	11.475	178	1426742	48.440	ng		99
73) Carbazole	11.628	167	1176645	46.322	ng		100
74) Di-n-butylphthalate	11.957	149	1527054	45.307	ng		100
75) Fluoranthene	12.610	202	1419625	45.586	ng		99
77) Benzidine	12.727	184	254189	60.157	ng		100
78) Pyrene	12.839	202	1400267	53.451	ng		100
80) Butylbenzylphthalate	13.451	149	527685	51.463	ng		99
81) Benzo(a)anthracene	14.027	228	962649	48.439	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	169880	29.580	ng		99
83) Chrysene	14.063	228	847099	47.023	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	694674	49.136	ng		99
85) Di-n-octyl phthalate	14.621	149	938269	47.698	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	749335	42.297	ng		97
88) Benzo(b)fluoranthene	15.074	252	835193	44.497	ng		99
89) Benzo(k)fluoranthene	15.104	252	703377	43.790	ng		99
90) Benzo(a)pyrene	15.445	252	713179	48.560	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	598737	40.961	ng		99
92) Benzo(g,h,i)perylene	17.445	276	557501	38.596	ng		97

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

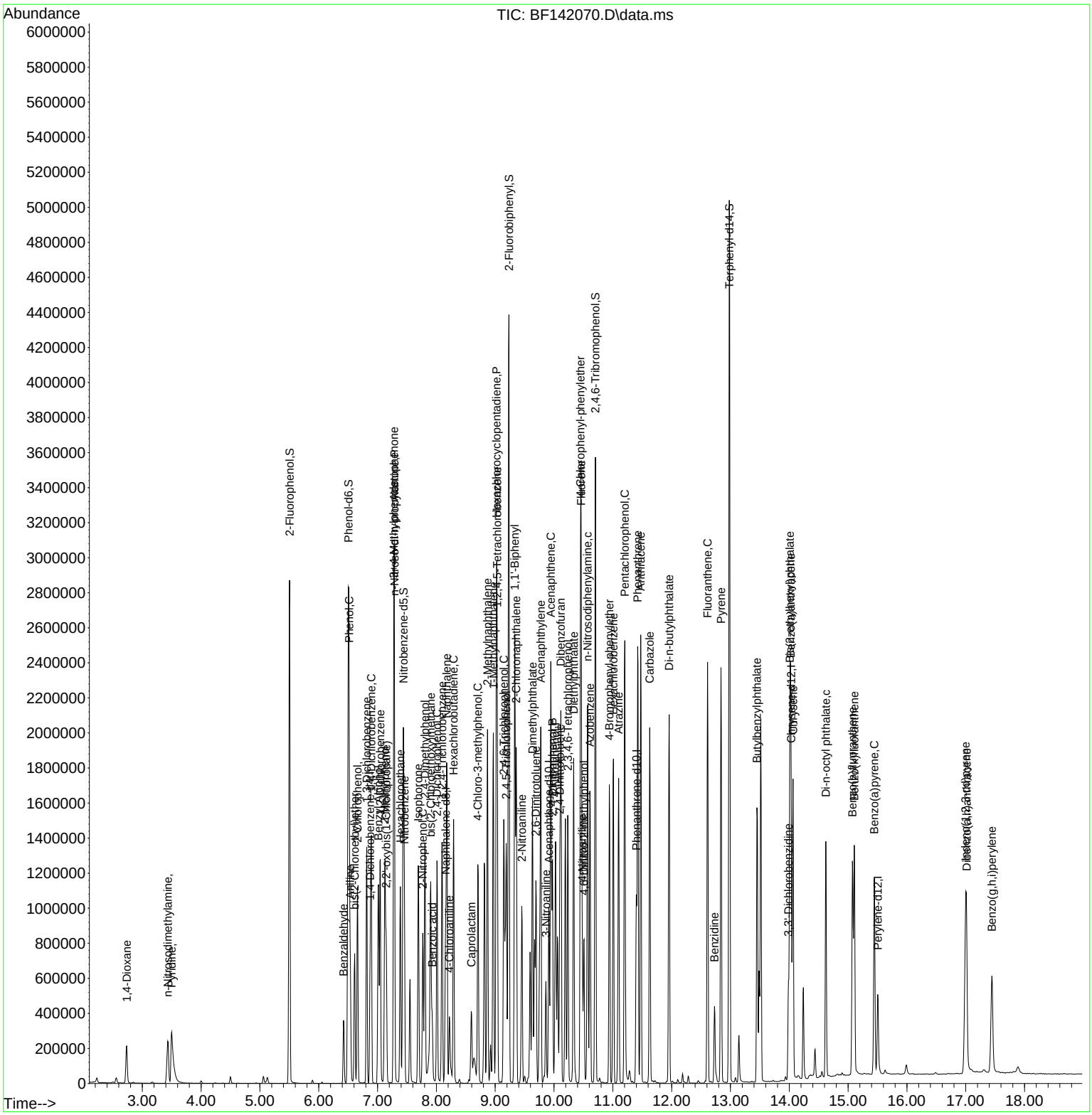
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142070.D
Acq On : 25 Mar 2025 11:09
Operator : RC/JU
Sample : PB167274BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 11:45:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167274BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025



Raw Data: **BF142065.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1900		160	350	ug/Kg
108-95-2	Phenol	1700		23.3	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1800		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		39.5	180	ug/Kg
98-86-2	Acetophenone	2000		31.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	1600		43.3	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		49.9	84.2	ug/Kg
67-72-1	Hexachloroethane	1700		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1900		19.3	180	ug/Kg
78-59-1	Isophorone	1900		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1900		61.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		29.8	180	ug/Kg
91-20-3	Naphthalene	1900		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	550		37.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	2000		26.6	180	ug/Kg
105-60-2	Caprolactam	1600		54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1600		27.0	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	2000		22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	2000		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	2000		50.6	180	ug/Kg
131-11-3	Dimethylphthalate	2000		28.5	180	ug/Kg

Raw Data: **BF142065.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		35.4	180	ug/Kg
99-09-2	3-Nitroaniline	1500		48.4	180	ug/Kg
83-32-9	Acenaphthene	1800		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	720		240	350	ug/Kg
100-02-7	4-Nitrophenol	4000	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1800		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		52.7	180	ug/Kg
84-66-2	Diethylphthalate	1900		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		28.1	180	ug/Kg
86-73-7	Fluorene	1900		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1700		67.6	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		29.3	180	ug/Kg
118-74-1	Hexachlorobenzene	2000		26.6	180	ug/Kg
1912-24-9	Atrazine	2300		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	4300	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	2600		22.0	180	ug/Kg
120-12-7	Anthracene	2200		35.1	180	ug/Kg
86-74-8	Carbazole	2100		32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	2000		50.4	180	ug/Kg
206-44-0	Fluoranthene	3300	E	31.6	180	ug/Kg
129-00-0	Pyrene	2500		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1800		75.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	2600		24.2	180	ug/Kg
218-01-9	Chrysene	2500		20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		91.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		20.0	180	ug/Kg

Raw Data: **BF142065.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MS	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142065.D	1	03/24/25 08:15	03/24/25 20:22	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	2600		31.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		27.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		27.0	180	ug/Kg
123-91-1	1,4-Dioxane	1700		47.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	102		18 - 112	68%	SPK: 150
13127-88-3	Phenol-d6	94.1		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		20 - 109	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113		10 - 116	75%	SPK: 150
1718-51-0	Terphenyl-d14	69.2		10 - 105	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	6.875			
1146-65-2	Naphthalene-d8	390000	8.157			
15067-26-2	Acenaphthene-d10	184000	9.91			
1517-22-2	Phenanthrene-d10	306000	11.398			
1719-03-5	Chrysene-d12	273000	14.045			
1520-96-3	Perylene-d12	197000	15.521			

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

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

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142065.D
Acq On : 24 Mar 2025 20:22
Operator : RC/JU
Sample : Q1626-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MS

Quant Time: Mar 24 21:02:29 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	114525	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	389746	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	183781	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	306039	20.000	ng		0.00
76) Chrysene-d12	14.045	240	273085	20.000	ng		0.00
86) Perylene-d12	15.521	264	196549	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	701446	102.221	ng		0.00
7) Phenol-d6	6.504	99	822505	94.141	ng		0.00
23) Nitrobenzene-d5	7.439	82	534938	77.240	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	263746	113.123	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1014501	83.951	ng		-0.01
79) Terphenyl-d14	12.980	244	1277960	69.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	136742	47.559	ng		97
3) Pyridine	3.457	79	345008	48.918	ng		98
4) n-Nitrosodimethylamine	3.404	42	171640	51.054	ng		98
6) Aniline	6.540	93	265735	30.832	ng		98
8) 2-Chlorophenol	6.663	128	395082	51.912	ng		97
9) Benzaldehyde	6.428	77	267125	54.668	ng		98
10) Phenol	6.516	94	455397	49.546	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	355195	51.464	ng		97
12) 1,3-Dichlorobenzene	6.816	146	433652	52.779	ng		99
13) 1,4-Dichlorobenzene	6.892	146	442734	53.256	ng		100
14) 1,2-Dichlorobenzene	7.045	146	415384	53.049	ng		98
15) Benzyl Alcohol	7.016	79	334495	47.357	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	371926	44.637	ng		98
17) 2-Methylphenol	7.128	107	293759	48.546	ng		99
18) Hexachloroethane	7.386	117	150183	48.176	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	249694	44.477	ng		99
20) 3+4-Methylphenols	7.281	107	364026	46.966	ng	#	76
22) Acetophenone	7.287	105	519081	55.615	ng		99
24) Nitrobenzene	7.457	77	381768	55.450	ng		98
25) Isophorone	7.692	82	666235	54.421	ng		100
26) 2-Nitrophenol	7.775	139	184718	54.665	ng		98
27) 2,4-Dimethylphenol	7.810	122	326514	70.174	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	407538	53.076	ng		100
29) 2,4-Dichlorophenol	8.016	162	292175	50.590	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	354978	55.774	ng		99
31) Naphthalene	8.181	128	1061406	53.016	ng		99
32) Benzoic acid	7.910	122	169286	41.390	ng		99
33) 4-Chloroaniline	8.228	127	110025	15.568	ng		98
34) Hexachlorobutadiene	8.292	225	240762	58.006	ng		99
35) Caprolactam	8.586	113	81901	46.514	ng		89
36) 4-Chloro-3-methylphenol	8.704	107	291520	45.250	ng		98
37) 2-Methylnaphthalene	8.869	142	605013	45.211	ng		99
38) 1-Methylnaphthalene	8.969	142	614631	47.596	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	335538	59.967	ng		98
41) Hexachlorocyclopentadiene	9.022	237	88995	40.641	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	208290	56.960	ng		99

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142065.D
Acq On : 24 Mar 2025 20:22
Operator : RC/JU
Sample : Q1626-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MS

Quant Time: Mar 24 21:02:29 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

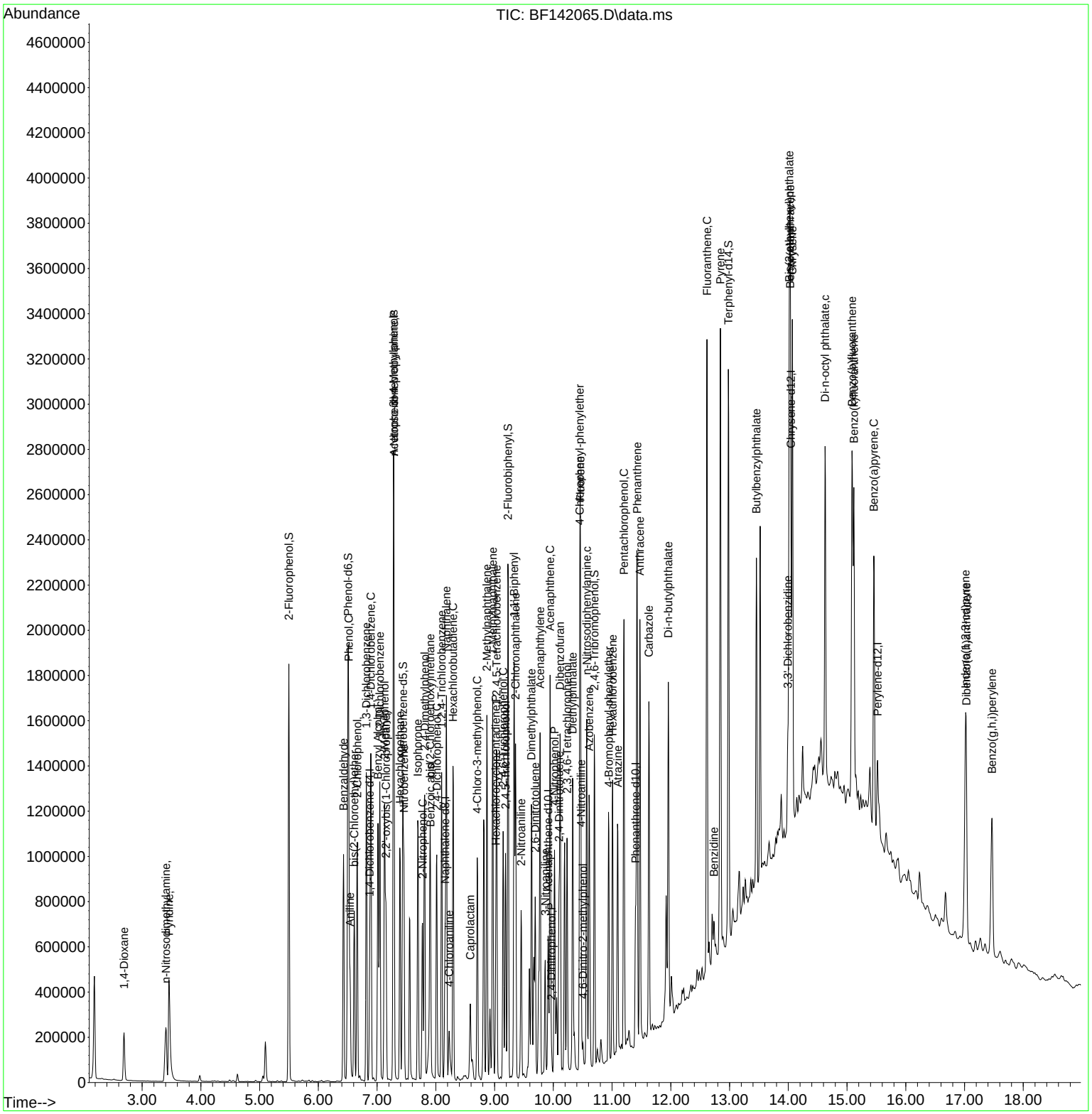
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	203369	54.911	ng		99
46) 1,1'-Biphenyl	9.333	154	796994	57.075	ng		100
47) 2-Chloronaphthalene	9.357	162	589047	56.596	ng		99
48) 2-Nitroaniline	9.451	65	170156	56.464	ng		99
49) Acenaphthylene	9.775	152	905043	58.597	ng		100
50) Dimethylphthalate	9.628	163	726244	56.430	ng		100
51) 2,6-Dinitrotoluene	9.692	165	145269	54.213	ng		94
52) Acenaphthene	9.945	154	561664	51.747	ng		99
53) 3-Nitroaniline	9.863	138	114321	42.059	ng		95
54) 2,4-Dinitrophenol	9.969	184	23126	20.515	ng	#	57
55) Dibenzofuran	10.116	168	806473	51.999	ng		99
56) 4-Nitrophenol	10.022	139	230957	112.673	ng		96
57) 2,4-Dinitrotoluene	10.098	165	190759	54.505	ng		96
58) Fluorene	10.463	166	647274	54.119	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	178720	53.030	ng		98
60) Diethylphthalate	10.327	149	686498	53.496	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	328761	52.724	ng		98
62) 4-Nitroaniline	10.475	138	126955	47.976	ng		97
63) Azobenzene	10.610	77	615284	51.571	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	20102	11.018	ng		96
66) n-Nitrosodiphenylamine	10.569	169	538430	54.367	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	204743	53.270	ng		96
68) Hexachlorobenzene	11.010	284	239684	56.859	ng		95
69) Atrazine	11.098	200	195449	64.377	ng		98
70) Pentachlorophenol	11.204	266	317995	122.435	ng		99
71) Phenanthrene	11.427	178	1223680	74.027	ng		99
72) Anthracene	11.474	178	1033484	62.318	ng		100
73) Carbazole	11.627	167	848995	59.361	ng		100
74) Di-n-butylphthalate	11.957	149	1063166	56.023	ng		99
75) Fluoranthene	12.616	202	1652559	94.245	ng		99
77) Benzidine	12.733	184	95209	24.989	ng	#	94
78) Pyrene	12.845	202	1650947	69.890	ng		99
80) Butylbenzylphthalate	13.457	149	483816	52.328	ng		100
81) Benzo(a)anthracene	14.033	228	1304237	72.781	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	132881	25.660	ng		99
83) Chrysene	14.068	228	1144339	70.448	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	757628	59.431	ng		99
85) Di-n-octyl phthalate	14.627	149	1051613	59.288	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	733112	57.660	ng	#	95
88) Benzo(b)fluoranthene	15.086	252	1055801	78.378	ng		98
89) Benzo(k)fluoranthene	15.115	252	713413	61.886	ng		98
90) Benzo(a)pyrene	15.457	252	794301	75.359	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	507392	48.367	ng		99
92) Benzo(g,h,i)perylene	17.468	276	607171	58.570	ng		96

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

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142065.D
Acq On : 24 Mar 2025 20:22
Operator : RC/JU
Sample : Q1626-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MS

Quant Time: Mar 24 21:02:29 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



Raw Data: **BF142066.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1900		160	350	ug/Kg
108-95-2	Phenol	1700		23.2	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		25.6	180	ug/Kg
95-57-8	2-Chlorophenol	1800		25.7	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		39.4	180	ug/Kg
98-86-2	Acetophenone	1800		31.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	1600		43.2	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		49.9	84.1	ug/Kg
67-72-1	Hexachloroethane	1600		18.5	180	ug/Kg
98-95-3	Nitrobenzene	1800		19.2	180	ug/Kg
78-59-1	Isophorone	1800		34.5	180	ug/Kg
88-75-5	2-Nitrophenol	1600		61.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		68.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		32.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		29.8	180	ug/Kg
91-20-3	Naphthalene	1800		23.9	180	ug/Kg
106-47-8	4-Chloroaniline	700		37.2	180	ug/Kg
87-68-3	Hexachlorobutadiene	2000		26.6	180	ug/Kg
105-60-2	Caprolactam	1600		54.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		30.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		26.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980		120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		20.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		30.6	180	ug/Kg
92-52-4	1,1-Biphenyl	1900		22.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	1900		23.7	180	ug/Kg
88-74-4	2-Nitroaniline	2000		50.6	180	ug/Kg
131-11-3	Dimethylphthalate	1800		28.5	180	ug/Kg

Raw Data: **BF142066.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2100		30.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		35.3	180	ug/Kg
99-09-2	3-Nitroaniline	1800		48.4	180	ug/Kg
83-32-9	Acenaphthene	1700		22.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	440		240	350	ug/Kg
100-02-7	4-Nitrophenol	4100	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1800		23.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		52.7	180	ug/Kg
84-66-2	Diethylphthalate	1800		29.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		28.1	180	ug/Kg
86-73-7	Fluorene	2000		26.6	180	ug/Kg
100-01-6	4-Nitroaniline	1900		67.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		34.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		29.2	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		26.6	180	ug/Kg
1912-24-9	Atrazine	2100		35.8	180	ug/Kg
87-86-5	Pentachlorophenol	4000	E	54.0	350	ug/Kg
85-01-8	Phenanthrene	2400		22.0	180	ug/Kg
120-12-7	Anthracene	2000		35.0	180	ug/Kg
86-74-8	Carbazole	2000		32.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	1900		50.4	180	ug/Kg
206-44-0	Fluoranthene	3100	E	31.6	180	ug/Kg
129-00-0	Pyrene	2600		37.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	2000		75.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		38.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	2500		24.2	180	ug/Kg
218-01-9	Chrysene	2400		20.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		62.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		91.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		20.0	180	ug/Kg

Raw Data: **BF142066.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1MSD	SDG No.:	Q1626
Lab Sample ID:	Q1626-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142066.D	1	03/24/25 08:15	03/24/25 20:51	PB167274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2200		23.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	2600		31.0	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		30.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		28.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		27.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		26.9	180	ug/Kg
123-91-1	1,4-Dioxane	1700		47.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		28.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	100		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	92.1		15 - 107	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.8		18 - 107	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		20 - 109	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	75.6		10 - 105	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	6.875			
1146-65-2	Naphthalene-d8	357000	8.157			
15067-26-2	Acenaphthene-d10	171000	9.91			
1517-22-2	Phenanthrene-d10	324000	11.398			
1719-03-5	Chrysene-d12	260000	14.045			
1520-96-3	Perylene-d12	186000	15.521			

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

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

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142066.D
Acq On : 24 Mar 2025 20:51
Operator : RC/JU
Sample : Q1626-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Quant Time: Mar 24 21:17:18 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	101511	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	357350	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	170553	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	324399	20.000	ng		0.00
76) Chrysene-d12	14.045	240	259606	20.000	ng		0.00
86) Perylene-d12	15.521	264	186036	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	611236	100.494	ng		0.00
7) Phenol-d6	6.504	99	713334	92.113	ng		0.00
23) Nitrobenzene-d5	7.439	82	468631	73.801	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	254913	117.814	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	882773	78.716	ng		-0.01
79) Terphenyl-d14	12.980	244	1326765	75.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	124004	48.658	ng		98
3) Pyridine	3.457	79	308533	49.355	ng		96
4) n-Nitrosodimethylamine	3.399	42	155747	52.266	ng		98
6) Aniline	6.540	93	232738	30.465	ng		99
8) 2-Chlorophenol	6.663	128	338378	50.162	ng		98
9) Benzaldehyde	6.428	77	232425	53.664	ng		99
10) Phenol	6.516	94	389372	47.793	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	314694	51.442	ng		97
12) 1,3-Dichlorobenzene	6.816	146	381044	52.322	ng		99
13) 1,4-Dichlorobenzene	6.892	146	390740	53.028	ng		99
14) 1,2-Dichlorobenzene	7.045	146	362611	52.246	ng		98
15) Benzyl Alcohol	7.016	79	284646	45.466	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	329584	44.626	ng		97
17) 2-Methylphenol	7.128	107	253088	47.187	ng		99
18) Hexachloroethane	7.386	117	129351	46.813	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	218102	43.831	ng		99
20) 3+4-Methylphenols	7.281	107	315904	45.983	ng	#	75
22) Acetophenone	7.281	105	449372	52.511	ng		96
24) Nitrobenzene	7.457	77	332806	52.721	ng		99
25) Isophorone	7.692	82	586929	52.290	ng		99
26) 2-Nitrophenol	7.775	139	139401	44.994	ng		98
27) 2,4-Dimethylphenol	7.810	122	288918	67.723	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	366384	52.042	ng		100
29) 2,4-Dichlorophenol	8.016	162	261680	49.418	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	309505	53.038	ng		99
31) Naphthalene	8.181	128	952077	51.866	ng		100
32) Benzoic acid	7.910	122	181182	48.314	ng		98
33) 4-Chloroaniline	8.228	127	129074	19.918	ng		97
34) Hexachlorobutadiene	8.298	225	215919	56.736	ng		99
35) Caprolactam	8.586	113	74290	46.017	ng		91
36) 4-Chloro-3-methylphenol	8.704	107	264380	44.758	ng		98
37) 2-Methylnaphthalene	8.869	142	521830	42.530	ng		100
38) 1-Methylnaphthalene	8.969	142	549960	46.449	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	293444	56.511	ng		98
41) Hexachlorocyclopentadiene	9.022	237	56525	27.815	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	179513	52.898	ng		99

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142066.D
Acq On : 24 Mar 2025 20:51
Operator : RC/JU
Sample : Q1626-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Quant Time: Mar 24 21:17:18 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

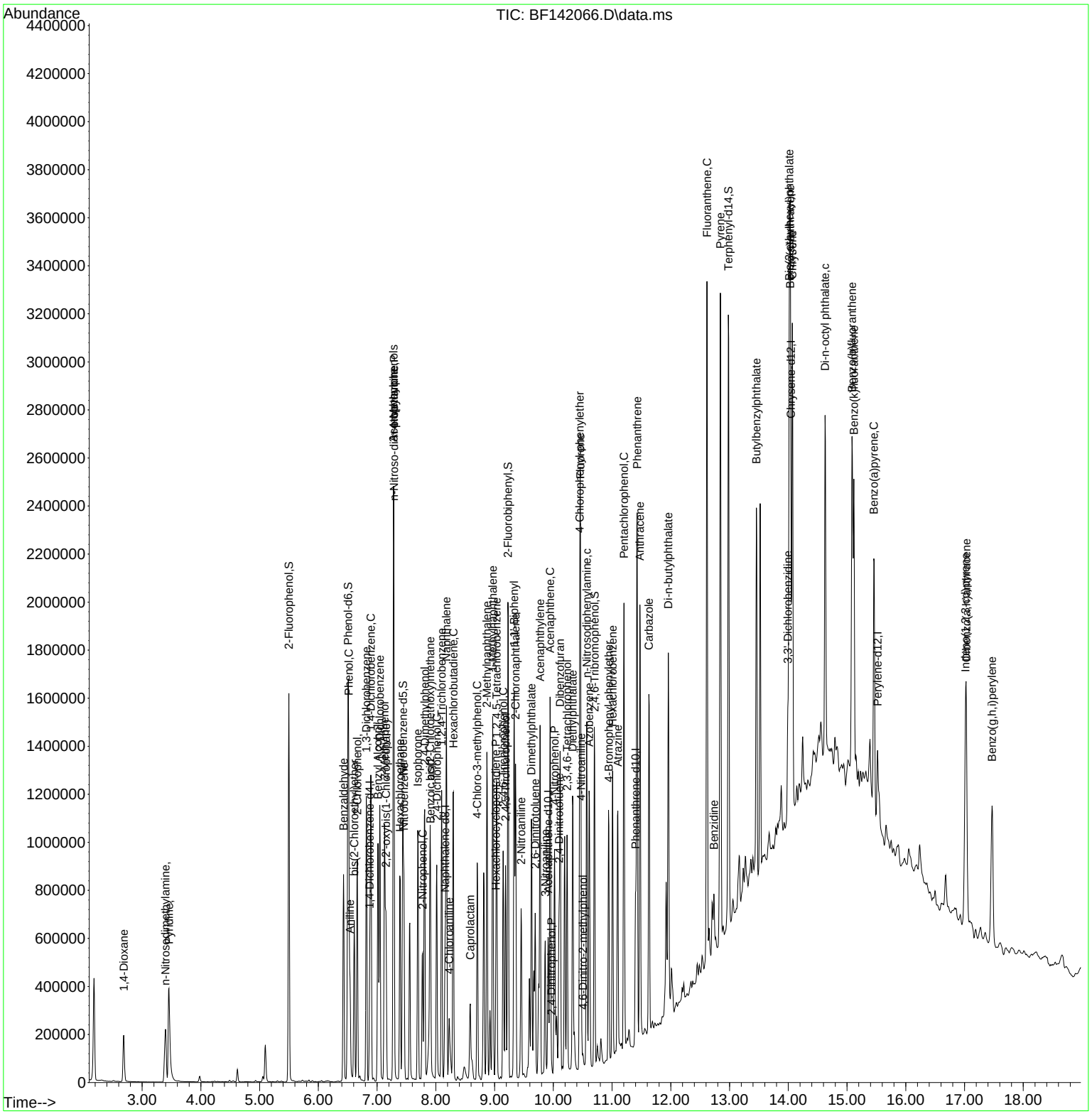
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	186137	54.156	ng	98
46) 1,1'-Biphenyl	9.333	154	702366	54.200	ng	100
47) 2-Chloronaphthalene	9.357	162	522066	54.050	ng	98
48) 2-Nitroaniline	9.451	65	161814	57.860	ng	96
49) Acenaphthylene	9.775	152	861150	60.080	ng	100
50) Dimethylphthalate	9.628	163	626990	52.497	ng	100
51) 2,6-Dinitrotoluene	9.692	165	124716	50.153	ng	93
52) Acenaphthene	9.945	154	493333	48.976	ng	100
53) 3-Nitroaniline	9.863	138	126590	50.185	ng	95
54) 2,4-Dinitrophenol	9.969	184	9054	12.455	ng	88
55) Dibenzofuran	10.116	168	721793	50.149	ng	98
56) 4-Nitrophenol	10.022	139	219882	115.590	ng	97
57) 2,4-Dinitrotoluene	10.098	165	159992	49.260	ng	97
58) Fluorene	10.463	166	618898	55.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	168625	53.915	ng	98
60) Diethylphthalate	10.327	149	610224	51.240	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	309506	53.486	ng	97
62) 4-Nitroaniline	10.475	138	133560	54.386	ng	95
63) Azobenzene	10.610	77	589377	53.231	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	8502	4.396	ng	84
66) n-Nitrosodiphenylamine	10.569	169	505146	48.120	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	195154	47.901	ng	96
68) Hexachlorobenzene	11.010	284	233096	52.166	ng	95
69) Atrazine	11.098	200	196300	60.997	ng	99
70) Pentachlorophenol	11.204	266	312252	113.420	ng	99
71) Phenanthrene	11.427	178	1208562	68.975	ng	100
72) Anthracene	11.474	178	1020072	58.028	ng	100
73) Carbazole	11.627	167	848014	55.936	ng	100
74) Di-n-butylphthalate	11.957	149	1073533	53.367	ng	99
75) Fluoranthene	12.616	202	1668050	89.745	ng	99
77) Benzidine	12.733	184	134358	37.095	ng	96
78) Pyrene	12.845	202	1645052	73.256	ng	99
80) Butylbenzylphthalate	13.457	149	509128	57.925	ng	100
81) Benzo(a)anthracene	14.033	228	1213230	71.218	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	147694	30.001	ng	99
83) Chrysene	14.068	228	1058697	68.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	731585	60.368	ng	99
85) Di-n-octyl phthalate	14.627	149	1031788	61.190	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	724364	60.191	ng	97
88) Benzo(b)fluoranthene	15.086	252	977504	76.666	ng	98
89) Benzo(k)fluoranthene	15.115	252	675245	61.886	ng	98
90) Benzo(a)pyrene	15.457	252	726873	72.859	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	509353	51.298	ng	99
92) Benzo(g,h,i)perylene	17.468	276	578401	58.947	ng	98

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

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142066.D
Acq On : 24 Mar 2025 20:51
Operator : RC/JU
Sample : Q1626-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Quant Time: Mar 24 21:17:18 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BF031025	Instrument	BNA_f

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

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Manual Integration Report

Sequence:	BF032425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1626-01	BF142064.D	Benzo(b)fluoranthene	anahy	3/25/2025 9:24:47 AM	Jagrut	3/25/2025 9:38:38 AM	Peak Integrated by Software
Q1626-01	BF142064.D	Benzo(k)fluoranthene	anahy	3/25/2025 9:24:47 AM	Jagrut	3/25/2025 9:38:38 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF032525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167274BS	BF142070.D	Caprolactam	anahy	3/26/2025 9:01:58 AM	Jagrut	3/26/2025 4:50:23 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

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

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

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

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032425

Review By	anahy	Review On	3/25/2025 9:38:18 AM				
Supervise By	Jagrut	Supervise On	3/25/2025 9:39:38 AM				
SubDirectory	BF032425	HP Acquire Method	BNA_F		HP Processing Method	bf031025	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142044.D	24 Mar 2025 09:43	RC/JU	Ok
2	SSTDCCC040	BF142045.D	24 Mar 2025 10:17	RC/JU	Ok
3	PB167228BL	BF142046.D	24 Mar 2025 10:47	RC/JU	Ok
4	Q1597-02	BF142047.D	24 Mar 2025 11:27	RC/JU	Ok
5	Q1597-04	BF142048.D	24 Mar 2025 11:56	RC/JU	Ok
6	Q1592-02MS	BF142049.D	24 Mar 2025 12:27	RC/JU	Ok,M
7	Q1592-02MSD	BF142050.D	24 Mar 2025 12:56	RC/JU	Ok,M
8	Q1619-13DL	BF142051.D	24 Mar 2025 13:26	RC/JU	Dilution
9	Q1618-01	BF142052.D	24 Mar 2025 13:55	RC/JU	Ok
10	Q1618-02	BF142053.D	24 Mar 2025 14:25	RC/JU	Ok
11	Q1619-13DL2	BF142054.D	24 Mar 2025 14:55	RC/JU	Ok,M
12	Q1606-11	BF142055.D	24 Mar 2025 15:25	RC/JU	Ok,M
13	Q1606-02	BF142056.D	24 Mar 2025 15:55	RC/JU	Ok
14	Q1606-04	BF142057.D	24 Mar 2025 16:24	RC/JU	Ok
15	Q1606-06	BF142058.D	24 Mar 2025 16:54	RC/JU	Ok
16	Q1606-08	BF142059.D	24 Mar 2025 17:24	RC/JU	Ok
17	Q1606-10	BF142060.D	24 Mar 2025 17:54	RC/JU	Ok
18	Q1610-03	BF142061.D	24 Mar 2025 18:23	RC/JU	Ok
19	Q1619-12	BF142062.D	24 Mar 2025 18:53	RC/JU	Ok
20	Q1624-01	BF142063.D	24 Mar 2025 19:23	RC/JU	Ok,M
21	Q1626-01	BF142064.D	24 Mar 2025 19:53	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032425

Review By	anahy	Review On	3/25/2025 9:38:18 AM				
Supervise By	Jagrut	Supervise On	3/25/2025 9:39:38 AM				
SubDirectory	BF032425	HP Acquire Method	BNA_F		HP Processing Method	bf031025	

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

22	Q1626-01MS	BF142065.D	24 Mar 2025 20:22	RC/JU	Ok
23	Q1626-01MSD	BF142066.D	24 Mar 2025 20:51	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032525

Review By	anahy	Review On	3/26/2025 9:09:40 AM				
Supervise By	Jagrut	Supervise On	3/26/2025 4:50:57 PM				
SubDirectory	BF032525	HP Acquire Method	BNA_F		HP Processing Method	bf031025	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12656,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142067.D	25 Mar 2025 09:39	RC/JU	Ok
2	SSTDCCC040	BF142068.D	25 Mar 2025 10:09	RC/JU	Ok
3	PB167274BL	BF142069.D	25 Mar 2025 10:39	RC/JU	Ok
4	PB167274BS	BF142070.D	25 Mar 2025 11:09	RC/JU	Ok,M
5	PB167261BL	BF142071.D	25 Mar 2025 11:38	RC/JU	Ok
6	PB167261BS	BF142072.D	25 Mar 2025 12:08	RC/JU	Ok,M
7	PB167193TB	BF142073.D	25 Mar 2025 12:38	RC/JU	Ok
8	PB167230BL	BF142074.D	25 Mar 2025 13:07	RC/JU	Ok
9	PB167230BS	BF142075.D	25 Mar 2025 13:37	RC/JU	Ok,M
10	PB167230BSD	BF142076.D	25 Mar 2025 14:07	RC/JU	Ok,M
11	PB167254BL	BF142077.D	25 Mar 2025 14:37	RC/JU	Ok
12	PB167254BS	BF142078.D	25 Mar 2025 15:07	RC/JU	Ok,M
13	Q1619-06	BF142079.D	25 Mar 2025 15:41	RC/JU	Ok
14	Q1619-08	BF142080.D	25 Mar 2025 16:11	RC/JU	Ok
15	Q1619-10	BF142081.D	25 Mar 2025 16:41	RC/JU	Ok
16	Q1619-14	BF142082.D	25 Mar 2025 17:10	RC/JU	Ok
17	Q1609-03	BF142083.D	25 Mar 2025 17:39	RC/JU	Ok
18	Q1626-03	BF142084.D	25 Mar 2025 18:09	RC/JU	Ok
19	Q1627-01	BF142085.D	25 Mar 2025 18:38	RC/JU	Ok
20	Q1627-01MS	BF142086.D	25 Mar 2025 19:08	RC/JU	Ok,M
21	Q1627-01MSD	BF142087.D	25 Mar 2025 19:37	RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032525

Review By	anahy	Review On	3/26/2025 9:09:40 AM		
Supervise By	Jagrut	Supervise On	3/26/2025 4:50:57 PM		
SubDirectory	BF032525	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12656,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1630-02	BF142088.D	25 Mar 2025 20:07	RC/JU	Ok
23	Q1632-02	BF142089.D	25 Mar 2025 20:36	RC/JU	Ok,M
24	Q1636-04	BF142090.D	25 Mar 2025 21:06	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF031025

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

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

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

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032425

Review By	anahy	Review On	3/25/2025 9:38:18 AM		
Supervise By	Jagrut	Supervise On	3/25/2025 9:39:38 AM		
SubDirectory	BF032425	HP Acquire Method	BNA_F	HP Processing Method	bf031025

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142044.D	24 Mar 2025 09:43		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142045.D	24 Mar 2025 10:17		RC/JU	Ok
3	PB167228BL	PB167228BL	BF142046.D	24 Mar 2025 10:47		RC/JU	Ok
4	Q1597-02	1-CONCRETE-SLAB	BF142047.D	24 Mar 2025 11:27		RC/JU	Ok
5	Q1597-04	2-CONCRETE-SLAB	BF142048.D	24 Mar 2025 11:56		RC/JU	Ok
6	Q1592-02MS	OILY-DEBRIS-COMPM	BF142049.D	24 Mar 2025 12:27		RC/JU	Ok,M
7	Q1592-02MSD	OILY-DEBRIS-COMPM	BF142050.D	24 Mar 2025 12:56		RC/JU	Ok,M
8	Q1619-13DL	TP-5DL	BF142051.D	24 Mar 2025 13:26	Need 2X Further Dilution	RC/JU	Dilution
9	Q1618-01	TP20250320-01	BF142052.D	24 Mar 2025 13:55		RC/JU	Ok
10	Q1618-02	TP20250320-02	BF142053.D	24 Mar 2025 14:25		RC/JU	Ok
11	Q1619-13DL2	TP-5DL2	BF142054.D	24 Mar 2025 14:55		RC/JU	Ok,M
12	Q1606-11	N48965	BF142055.D	24 Mar 2025 15:25	Internal Standard Fail	RC/JU	Ok,M
13	Q1606-02	CHRT24743	BF142056.D	24 Mar 2025 15:55		RC/JU	Ok
14	Q1606-04	RBR251346	BF142057.D	24 Mar 2025 16:24		RC/JU	Ok
15	Q1606-06	RT4534	BF142058.D	24 Mar 2025 16:54		RC/JU	Ok
16	Q1606-08	RT3025	BF142059.D	24 Mar 2025 17:24		RC/JU	Ok
17	Q1606-10	CHRT28607	BF142060.D	24 Mar 2025 17:54		RC/JU	Ok
18	Q1610-03	SOIL-PILE	BF142061.D	24 Mar 2025 18:23		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032425

Review By	anahy	Review On	3/25/2025 9:38:18 AM		
Supervise By	Jagrut	Supervise On	3/25/2025 9:39:38 AM		
SubDirectory	BF032425	HP Acquire Method	BNA_F	HP Processing Method	bf031025

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

19	Q1619-12	TP-4	BF142062.D	24 Mar 2025 18:53		RC/JU	Ok
20	Q1624-01	OK-01-03212025	BF142063.D	24 Mar 2025 19:23		RC/JU	Ok,M
21	Q1626-01	CO-32-1	BF142064.D	24 Mar 2025 19:53		RC/JU	Ok,M
22	Q1626-01MS	CO-32-1MS	BF142065.D	24 Mar 2025 20:22		RC/JU	Ok
23	Q1626-01MSD	CO-32-1MSD	BF142066.D	24 Mar 2025 20:51	Internal standard fail.	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032525

Review By	anahy	Review On	3/26/2025 9:09:40 AM		
Supervise By	Jagrut	Supervise On	3/26/2025 4:50:57 PM		
SubDirectory	BF032525	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12656,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142067.D	25 Mar 2025 09:39		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142068.D	25 Mar 2025 10:09		RC/JU	Ok
3	PB167274BL	PB167274BL	BF142069.D	25 Mar 2025 10:39		RC/JU	Ok
4	PB167274BS	PB167274BS	BF142070.D	25 Mar 2025 11:09		RC/JU	Ok,M
5	PB167261BL	PB167261BL	BF142071.D	25 Mar 2025 11:38		RC/JU	Ok
6	PB167261BS	PB167261BS	BF142072.D	25 Mar 2025 12:08		RC/JU	Ok,M
7	PB167193TB	PB167193TB	BF142073.D	25 Mar 2025 12:38		RC/JU	Ok
8	PB167230BL	PB167230BL	BF142074.D	25 Mar 2025 13:07		RC/JU	Ok
9	PB167230BS	PB167230BS	BF142075.D	25 Mar 2025 13:37		RC/JU	Ok,M
10	PB167230BSD	PB167230BSD	BF142076.D	25 Mar 2025 14:07		RC/JU	Ok,M
11	PB167254BL	PB167254BL	BF142077.D	25 Mar 2025 14:37		RC/JU	Ok
12	PB167254BS	PB167254BS	BF142078.D	25 Mar 2025 15:07		RC/JU	Ok,M
13	Q1619-06	TP-1	BF142079.D	25 Mar 2025 15:41		RC/JU	Ok
14	Q1619-08	TP-2	BF142080.D	25 Mar 2025 16:11		RC/JU	Ok
15	Q1619-10	TP-3	BF142081.D	25 Mar 2025 16:41		RC/JU	Ok
16	Q1619-14	TP-5	BF142082.D	25 Mar 2025 17:10		RC/JU	Ok
17	Q1609-03	WC-SCRN-01-C	BF142083.D	25 Mar 2025 17:39		RC/JU	Ok
18	Q1626-03	CO-32-1	BF142084.D	25 Mar 2025 18:09		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF032525

Review By	anahy	Review On	3/26/2025 9:09:40 AM		
Supervise By	Jagrut	Supervise On	3/26/2025 4:50:57 PM		
SubDirectory	BF032525	HP Acquire Method	BNA_F	HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12656,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1627-01	GRID-LINE-1.2-NORTH	BF142085.D	25 Mar 2025 18:38		RC/JU	Ok
20	Q1627-01MS	GRID-LINE-1.2-NORTH	BF142086.D	25 Mar 2025 19:08		RC/JU	Ok,M
21	Q1627-01MSD	GRID-LINE-1.2-NORTH	BF142087.D	25 Mar 2025 19:37		RC/JU	Ok,M
22	Q1630-02	VNJ-206	BF142088.D	25 Mar 2025 20:07		RC/JU	Ok
23	Q1632-02	PIER-1-2	BF142089.D	25 Mar 2025 20:36		RC/JU	Ok,M
24	Q1636-04	WC-1	BF142090.D	25 Mar 2025 21:06		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 03/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 03/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135155

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1623-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1623-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1623-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1623-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1623-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1623-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1623-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1623-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1623-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1623-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1626-01	CO-32-1	11	1.14	10.23	11.37	10.84	94.8	
Q1630-01	VNJ-206	12	1.15	10.39	11.54	10.26	87.7	
Q1631-01	364	13	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1631-04	359	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1632-01	PIER-1-2	15	1.17	10.40	11.57	11.09	95.4	
Q1633-01	SLG	16	1.15	10.50	11.65	4.7	33.8	sludge sample
Q1634-01	HR-01-032425	17	1.16	9.45	10.61	9.77	91.1	
Q1634-02	HR-01-032425-E2	18	1.13	10.66	11.79	10.75	90.2	
Q1634-03	HR-04-032425	19	1.13	10.84	11.97	11.04	91.4	
Q1634-04	HR-04-032425-E2	20	1.12	10.69	11.81	10.82	90.7	
Q1635-01	TP-2	21	1.19	10.15	11.34	10.26	89.4	
Q1635-02	TP-2-EPH	22	1.17	10.23	11.4	10.29	89.1	
Q1635-03	TP-2-VOC	23	1.15	12.12	13.27	11.88	88.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB135155

WorkList Name : %1-032425 **WorkList ID :** 188470 **Department :** Wet-Chemistry **Date :** 03-24-2025 08:43:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1623-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1623-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1626-01	CO-32-1	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/21/2025	Chemtech -SO
Q1630-01	VNJ-206	Solid	Percent Solids	Cool 4 deg C	WALS01	F11	03/21/2025	Chemtech -SO
Q1631-01	364	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	03/24/2025	Chemtech -SO
Q1631-04	359	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1632-01	PIER-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1633-01	SLG	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1634-01	HR-01-032425	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	03/24/2025	Chemtech -SO
Q1634-02	HR-01-032425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1634-03	HR-04-032425	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1634-04	HR-04-032425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	03/24/2025	Chemtech -SO
Q1635-01	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO

Date/Time 03/24/25 1530

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 03/24/25 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-032425 **WorkList ID :** 188470 **Department :** Wet-Chemistry **Date :** 03-24-2025 08:43:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1635-02	TP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO
Q1635-03	TP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/24/2025	Chemtech -SO

Date/Time 03/24/25 15:30
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 03/24/25 17:10
Raw Sample Received by:
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167274

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	03/24/2025
Matrix :	Solid			**Extraction Start Time :**	08:15
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	03/24/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:25
Balance ID:	EX-SC-1	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2595
Sand	N/A	EP2865
Methylene Chloride	N/A	E3904
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673. Q 1626-01 Added in batch at 10:56.

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
03/24/25	RP (Ext. Lab)	ACISNOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167274

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 03/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167274BL	SBLK274	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB167274BS	SLCS274	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q1624-01	OK-01-03212025	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q1626-01	CO-32-1	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		4
Q1626-01MS	CO-32-1MS	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		5
Q1626-01MSD	CO-32-1MSD	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		6

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

3/24/25

167274 8:20 BW

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1624 **WorkList ID :** 188464 **Department :** Extraction **Date :** 03-24-2025 08:13:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1624-01	OK-01-03212025	Solid	EPH_NF	Cool 4 deg C	PSEG05	I11	03/21/2025	NJEPH
Q1624-01	OK-01-03212025	Solid	PCB	Cool 4 deg C	PSEG05	I11	03/21/2025	8082A
Q1624-01	OK-01-03212025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	I11	03/21/2025	8081B
Q1624-01	OK-01-03212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I11	03/21/2025	8270E
Q1624-02	OK-01-03212025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05		03/21/2025	NJEPH

Date/Time 03/24/24 8:15
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 03/24/24 8:45
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ext Lab)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1626 **WorkList ID :** 188486 **Department :** Extraction **Date :** 03-24-2025 10:55:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1626-01	CO-32-1	Solid	EPH_NF	Cool 4 deg C	WALS01	F11	03/21/2025	NJEPH
Q1626-01	CO-32-1	Solid	PCB	Cool 4 deg C	WALS01	F11	03/21/2025	8082A
Q1626-01	CO-32-1	Solid	Pesticide-TCL	Cool 4 deg C	WALS01	F11	03/21/2025	8081B
Q1626-01	CO-32-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	WALS01	F11	03/21/2025	8270E

Date/Time 03/24/24

Raw Sample Received by: RJ / Eat Lab

Raw Sample Relinquished by: AP SR

Date/Time 03/24/24

Raw Sample Received by: AP SR

Raw Sample Relinquished by: RJ / Eat Lab

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1626
COC Number 2045966

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO:		
COMPANY: Walsh Construction Comp.	PROJECT NAME: Construction of Shafts 17B & 18B	BILL TO: PO#:
ADDRESS: 150 Clove rd 11th Floor	PROJECT NO.: 220084 LOCATION: Queens NY	ADDRESS:
CITY Little Falls STATE: NJ ZIP: 07424	PROJECT MANAGER: Jesse Sylvestri	CITY STATE: ZIP:
ATTENTION: Benie Dion Gokan	e-mail: Jsylvestri@walshgroup.com	ATTENTION: PHONE:
PHONE: 646-285-7234 FAX:	PHONE: 201-681-9740 FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): NA ______ DAYS*
EDD: 3 day ______ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other
❑ EDD FORMAT

ANALYSIS

1. TCL VOCs 8260C; TCL SVOCs 8270D
2. TAL metals 6010D + Mercury 7471B
3. Total Cyanide 9016C; Hex Chrome 7196A
4. Pesticide 8081B; PCBs 8082A; Herb 8151A
5. TCLP VOCs SVOCs Metals, Pest + Herb
6. TPH 8015M; GRO 8015D
7. NJ EPH Cat 2, Non Fra; RCRA Characteristics
8. Paint Filter 9095A; TS + TVS SM2540G
9. Ammonia Nitrogen 350.1; COD 410.4; Oil + Grease 9071B

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS (Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER)
1.	CO_32-1	S	√	√	3/21/25	1120	20	X	X	X	X	X	X	X	X	X	15-8oz, 1 Terracore, 1 Encore
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	1200 3/21/25	1. [signature] 1200 3-21-25
2.		2.
3. [signature]	1715 3-21-25	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.7 °C

Comments: RCRA Characteristics - Ignitability, Corrosivity, Reactivity - Sulfide + Cyanide
Full analytic list in S.NG e-mail dated 3/18/25
*3-day TAT requested

Page 1 of 1 CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1626 WALS01
Client Name : Walsh Construction Compa
Client Contact : Evelyne Benie Dion Gokan
Invoice Name : Walsh Construction Compa
Invoice Contact : Evelyne Benie Dion Gokan

Order Date : 3/21/2025 12:59:00 PM
Project Name : Walsh CO-032 Sampling
Receive DateTime : 3/21/2025 12~~:00:00 AM~~ 5:15 pm
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1626-01	CO-32-1	Solid	03/21/2025	11:20					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinguished By : CL
Date / Time : 3-24-25 10:10

Received By : [signature]
Date / Time : 03/24/25 10:10
Storage Area : VOA Refridgerator Room

Aeg # 6
222

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1626 WALS01
Client Name : Walsh Construction Compa
Client Contact : Evelyne Benie Dion Gokan
Invoice Name : Walsh Construction Compa
Invoice Contact : Evelyne Benie Dion Gokan

Order Date : 3/21/2025 12:59:00 PM
Project Name : Walsh CO-032 Sampling
Receive DateTime : 3/21/2025 ~~12:00:00 AM~~ 5:15 pm
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1626-01	CO-32-1	Solid	03/21/2025	11:20					
					Gasoline Range Organics		8015D		3 Bus. Days

Relinguished By :
Date / Time : 3-24-25 1010

Received By :
Date / Time : 03/24/25 10:10
Storage Area : VOA Refridgerator Room

Reg # 6
B2