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Cover Page

Order ID : Q1119

Project ID : Monthly 2025

Client : Aramark Uniforms

Lab Sample Number	Client Sample Number
Q1119-01	FILTER CAKE

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: 1/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: Q1119

	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:** 01/22/2025

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LAB CHRONICLE

OrderID:	Q1119	**OrderDate:**	1/16/2025 3:44:00 PM
Client:	Aramark Uniforms	**Project:**	Monthly 2025
Contact:	Jose Liceaga	**Location:**	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1119-01	**FILTER CAKE**	**TCLP**			**01/16/25**			**01/16/25**
			TCLP BNA Group1	8270E		01/17/25	01/17/25	
Q1119-01DL	**FILTER CAKEDL**	**TCLP**			**01/16/25**			**01/16/25**
			TCLP BNA Group1	8270E		01/17/25	01/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1119

Client: Aramark Uniforms

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**FILTER CAKE**							
Q1119-01	FILTER CAKE	TCLP	3+4-Methylphenols	0.910	E	0.012	0.10	mg/L
			Total Svoc :	**0.91**				
			Total Concentration:	**0.91**				
Client ID :	**FILTER CAKEDL**							
Q1119-01DL	FILTER CAKEDL	TCLP	3+4-Methylphenols	1.000	D	0.023	0.20	mg/L
			Total Svoc :	**1.00**				
			Total Concentration:	**1.00**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1119

Client: Aramark Uniforms

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166067TB	PB166067TB	2-Fluorophenol	150	129	86		10	139
		Phenol-d6	150	127	85		10	134
		Nitrobenzene-d5	100	88.3	88		49	133
		2-Fluorobiphenyl	100	88.1	88		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	83.5	83		48	125
PB166115BL	PB166115BL	2-Fluorophenol	150	134	90		10	139
		Phenol-d6	150	132	88		10	134
		Nitrobenzene-d5	100	94.1	94		49	133
		2-Fluorobiphenyl	100	94.3	94		52	132
		2,4,6-Tribromophenol	150	153	102		44	137
		Terphenyl-d14	100	87.9	88		48	125
PB166115BS	PB166115BS	2-Fluorophenol	150	137	92		10	139
		Phenol-d6	150	137	92		10	134
		Nitrobenzene-d5	100	95.8	96		49	133
		2-Fluorobiphenyl	100	95.8	96		52	132
		2,4,6-Tribromophenol	150	158	106		44	137
		Terphenyl-d14	100	97.6	98		48	125
Q1115-02MS	366MS	2-Fluorophenol	150	119	79		10	139
		Phenol-d6	150	114	76		10	134
		Nitrobenzene-d5	100	86.9	87		49	133
		2-Fluorobiphenyl	100	86.0	86		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		48	125
Q1115-02MSD	366MSD	2-Fluorophenol	150	121	81		10	139
		Phenol-d6	150	114	76		10	134
		Nitrobenzene-d5	100	88.8	89		49	133
		2-Fluorobiphenyl	100	88.4	88		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	77.8	78		48	125
Q1119-01	FILTER CAKE	2-Fluorophenol	150	112	74		10	139
		Phenol-d6	150	110	74		10	134
		Nitrobenzene-d5	100	77.2	77		49	133
		2-Fluorobiphenyl	100	71.2	71		52	132
		2,4,6-Tribromophenol	150	122	81		44	137
		Terphenyl-d14	100	43.3	43	*	48	125
Q1119-01DL	FILTER CAKEDL	2-Fluorophenol	150	127	85		10	139
		Phenol-d6	150	125	83		10	134
		Nitrobenzene-d5	100	87.4	87		49	133
		2-Fluorobiphenyl	100	83.2	83		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	54.8	55		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1119

Client: Aramark Uniforms

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1115-02MS		**Client Sample ID: 366MS**						**DataFile: BF141198.D**			
Pyridine	500	0	230	ug/L	46				10	109	
1,4-Dichlorobenzene	500	0	390	ug/L	78				55	125	
2-Methylphenol	500	0	440	ug/L	88				37	126	
3+4-Methylphenols	500	0	420	ug/L	84				31	127	
Hexachloroethane	500	0	400	ug/L	80				49	110	
Nitrobenzene	500	0	400	ug/L	80				62	112	
2,4,6-Trichlorophenol	500	0	460	ug/L	92				78	112	
2,4,5-Trichlorophenol	500	0	440	ug/L	88				71	111	
2,4-Dinitrotoluene	500	0	450	ug/L	90				50	142	
Hexachlorobenzene	500	0	480	ug/L	96				72	115	
Pentachlorophenol	1000	0	870	ug/L	87				25	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1119

Client: Aramark Uniforms

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1115-02MSD		**Client Sample ID: 366MSD**						**DataFile: BF141199.D**			
Pyridine	500	0	230	ug/L	46	0			10	109	20
1,4-Dichlorobenzene	500	0	390	ug/L	78	0			55	125	20
2-Methylphenol	500	0	440	ug/L	88	0			37	126	20
3+4-Methylphenols	500	0	430	ug/L	86	2			31	127	20
Hexachloroethane	500	0	400	ug/L	80	0			49	110	20
Nitrobenzene	500	0	410	ug/L	82	2			62	112	20
2,4,6-Trichlorophenol	500	0	480	ug/L	96	4			78	112	20
2,4,5-Trichlorophenol	500	0	450	ug/L	90	2			71	111	20
2,4-Dinitrotoluene	500	0	470	ug/L	94	4			50	142	20
Hexachlorobenzene	500	0	490	ug/L	98	2			72	115	20
Pentachlorophenol	1000	0	910	ug/L	91	4			25	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1119

Client: Aramark Uniforms

Analytical Method: 8270E **DataFile:** BF141214.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166115BS	Pyridine	50	42.0	ug/L	84				29	97	
	1,4-Dichlorobenzene	50	48.0	ug/L	96				76	103	
	2-Methylphenol	50	51.0	ug/L	102				69	109	
	3+4-Methylphenols	50	49.2	ug/L	98				67	106	
	Hexachloroethane	50	48.7	ug/L	97				76	118	
	Nitrobenzene	50	46.3	ug/L	93				58	106	
	2,4,6-Trichlorophenol	50	52.4	ug/L	105				61	110	
	2,4,5-Trichlorophenol	50	48.8	ug/L	98				70	106	
	2,4-Dinitrotoluene	50	52.0	ug/L	104				60	115	
	Hexachlorobenzene	50	53.3	ug/L	107		*		73	106	
	Pentachlorophenol	100	100	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166115BL

Lab Name: CHEMTECH Contract: ARAM01

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG NO.: Q1119

Lab File ID: BF141213.D Lab Sample ID: PB166115BL

Instrument ID: BNA_F Date Extracted: 01/17/2025

Matrix: (soil/water) water Date Analyzed: 01/20/2025

Level: (low/med) LOW Time Analyzed: 11:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166115BS	PB166115BS	BF141214.D	01/20/2025
PB166067TB	PB166067TB	BF141215.D	01/20/2025
366MS	Q1115-02MS	BF141198.D	01/17/2025
366MSD	Q1115-02MSD	BF141199.D	01/17/2025
FILTER CAKE	Q1119-01	BF141203.D	01/17/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARAM01

Lab Code: CHEM SAS No.: Q1119 SDG NO.: Q1119

Lab File ID: BF141108.D DFTPP Injection Date: 01/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	49.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	87.8
443	15.0 - 24.0% of mass 442	17.1 (19.4) 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	BF141109.D	01/10/2025	11:58
SSTDICC005	SSTDICC005	BF141110.D	01/10/2025	12:25
SSTDICC010	SSTDICC010	BF141111.D	01/10/2025	13:17
SSTDICC020	SSTDICC020	BF141112.D	01/10/2025	14:10
SSTDICCC040	SSTDICCC040	BF141113.D	01/10/2025	14:36
SSTDICC050	SSTDICC050	BF141117.D	01/10/2025	16:53
SSTDICC060	SSTDICC060	BF141118.D	01/10/2025	17:19
SSTDICC080	SSTDICC080	BF141119.D	01/10/2025	17:45

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARAM01

Lab Code: CHEM SAS No.: Q1119 SDG NO.: Q1119

Lab File ID: BF141192.D DFTPP Injection Date: 01/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.5
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.2 (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
SSTDCCC040	SSTDCCC040	BF141193.D	01/17/2025	15:25
366MS	Q1115-02MS	BF141198.D	01/17/2025	17:41
366MSD	Q1115-02MSD	BF141199.D	01/17/2025	18:07
FILTER CAKE	Q1119-01	BF141203.D	01/17/2025	19:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARAM01

Lab Code: CHEM SAS No.: Q1119 SDG NO.: Q1119

Lab File ID: BF141211.D DFTPP Injection Date: 01/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141212.D	01/20/2025	10:37
PB166115BL	PB166115BL	BF141213.D	01/20/2025	11:03
PB166115BS	PB166115BS	BF141214.D	01/20/2025	11:30
PB166067TB	PB166067TB	BF141215.D	01/20/2025	11:56
FILTER CAKEDL	Q1119-01DL	BF141222.D	01/20/2025	15:05

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG NO.: Q1119

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/17/2025

Lab File ID: BF141193.D Time Analyzed: 15:25

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	176385	6.81	697922	8.09	382539	9.85
	UPPER LIMIT	352770	7.31	1395840	8.592	765078	10.345
	LOWER LIMIT	88192.5	6.31	348961	7.592	191270	9.345
	EPA SAMPLE NO.						
01	366MS	202186	6.81	804021	8.09	425124	9.85
02	366MSD	194434	6.81	769284	8.09	402350	9.85
03	FILTER CAKE	182887	6.82	728487	8.09	369683	9.85

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.: Q1119 SAS No.: Q1119 SDG NO.: Q1119

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/17/2025

Lab File ID: BF141193.D Time Analyzed: 15:25

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	649888	11.328	410187	13.969	390771	15.427
	UPPER LIMIT	1299780	11.828	820374	14.469	781542	15.927
	LOWER LIMIT	324944	10.828	205094	13.469	195386	14.927
	EPA SAMPLE NO.						
01	366MS	665752	11.33	383734	13.97	396719	15.43
02	366MSD	637405	11.33	374444	13.97	360435	15.43
03	FILTER CAKE	525547	11.33	373282	13.97	384366	15.43

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.: Q1119 SAS No.: Q1119 SDG NO.: Q1119

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/20/2025

Lab File ID: BF141212.D Time Analyzed: 10:37

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	179826	6.81	695851	8.09	379338	9.85
	UPPER LIMIT	359652	7.31	1391700	8.592	758676	10.351
	LOWER LIMIT	89913	6.31	347926	7.592	189669	9.351
	EPA SAMPLE NO.						
01	PB166067TB	174592	6.81	707492	8.09	384555	9.85
02	PB166115BL	162829	6.81	650069	8.09	350613	9.85
03	PB166115BS	157680	6.81	632035	8.09	344399	9.85
04	FILTER CAKEDL	188854	6.81	752267	8.09	393863	9.85

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.

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG NO.: Q1119

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/20/2025

Lab File ID: BF141212.D Time Analyzed: 10:37

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	651777	11.333	435133	13.974	378255	15.439
	UPPER LIMIT	1303550	11.833	870266	14.474	756510	15.939
	LOWER LIMIT	325889	10.833	217567	13.474	189128	14.939
	EPA SAMPLE NO.						
01	PB166067TB	662071	11.33	471473	13.97	371500	15.43
02	PB166115BL	609458	11.33	442806	13.97	340853	15.43
03	PB166115BS	583291	11.33	387847	13.97	335070	15.43
04	FILTER CAKEDL	605223	11.33	364877	13.97	398892	15.43

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: **BF141215.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/17/25
Project:	Monthly 2025	Date Received:	01/17/25
Client Sample ID:	PB166067TB	SDG No.:	Q1119
Lab Sample ID:	PB166067TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
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
BF141215.D	1	01/17/25 12:00	01/20/25 11:56	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.016	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0084	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.012	U	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.010	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.013	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0089	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.010	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.015	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.011	UQ	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.019	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	129		10 - 139	86%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.3		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	83.5		48 - 125	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	175000	6.81			
1146-65-2	Naphthalene-d8	707000	8.092			
15067-26-2	Acenaphthene-d10	385000	9.845			
1517-22-2	Phenanthrene-d10	662000	11.328			
1719-03-5	Chrysene-d12	471000	13.969			
1520-96-3	Perylene-d12	372000	15.433			

Raw Data: **BF141215.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:	01/17/25
Project:	Monthly 2025			Date Received:	01/17/25
Client Sample ID:	PB166067TB			SDG No.:	Q1119
Lab Sample ID:	PB166067TB			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1
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
BF141215.D	1	01/17/25 12:00	01/20/25 11:56	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF012025\
Data File : BF141215.D
Acq On : 20 Jan 2025 11:56
Operator : RC/JU
Sample : PB166067TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Quant Time: Jan 20 12:16:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

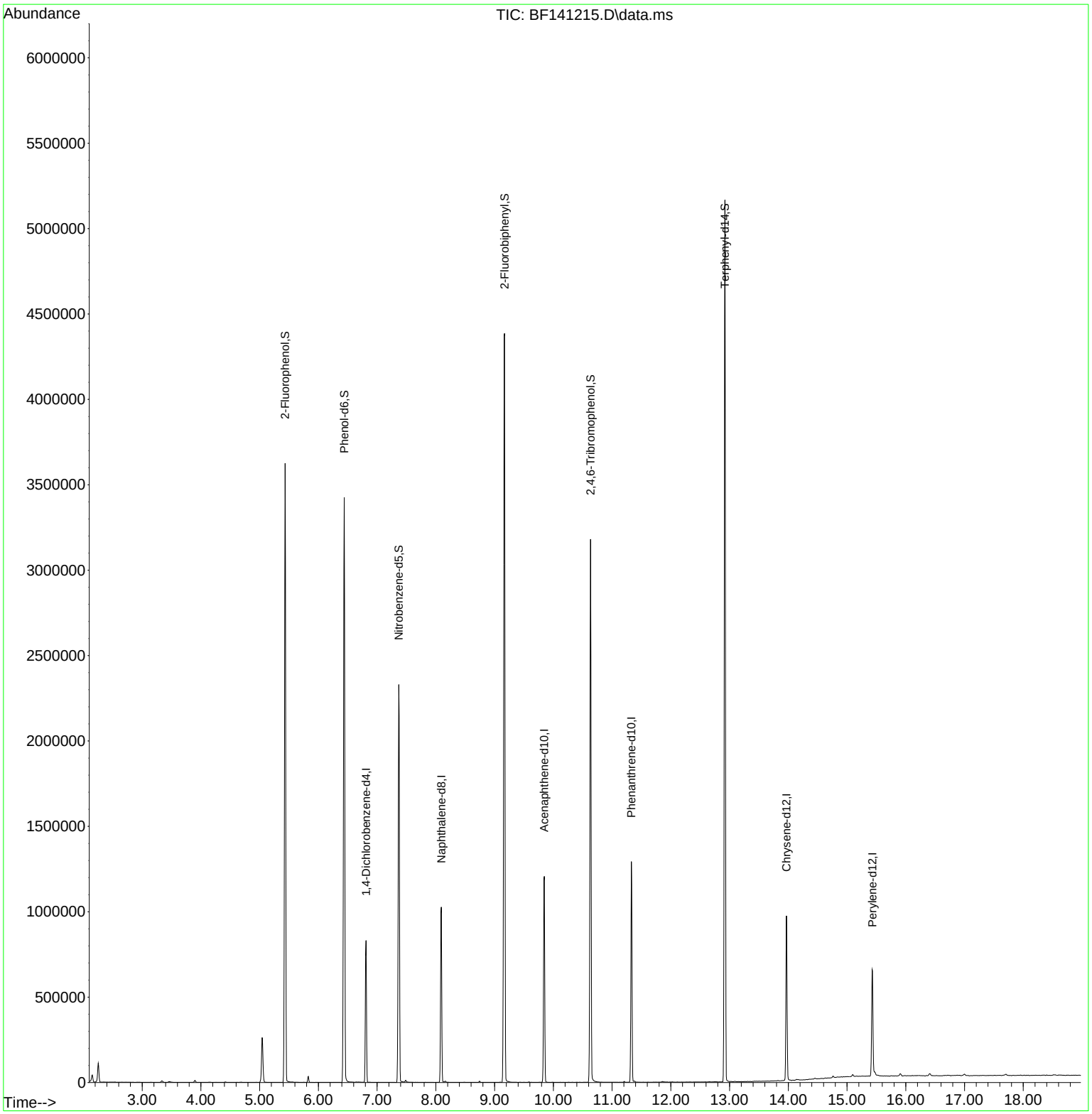
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	174592	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	707492	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	384555	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	662071	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	471473	20.000	ng	-0.02
86) Perylene-d12	15.433	264	371500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1455881	128.817	ng	0.00
7) Phenol-d6	6.440	99	1817210	126.934	ng	0.00
23) Nitrobenzene-d5	7.369	82	1179001	88.336	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	623652	142.329	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2219555	88.137	ng	-0.01
79) Terphenyl-d14	12.922	244	2648106	83.481	ng	-0.01
Target Compounds						Qvalue

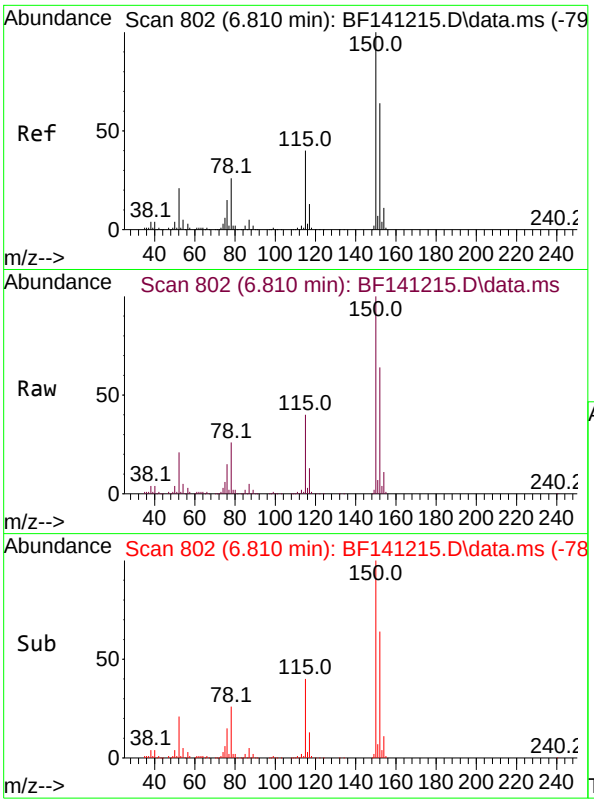
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141215.D
Acq On : 20 Jan 2025 11:56
Operator : RC/JU
Sample : PB166067TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Quant Time: Jan 20 12:16:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



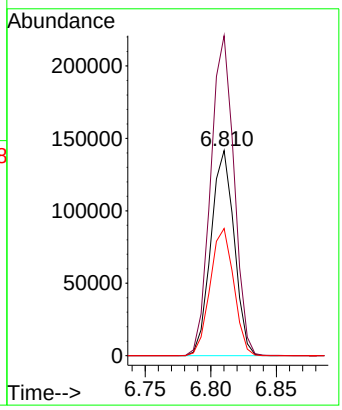


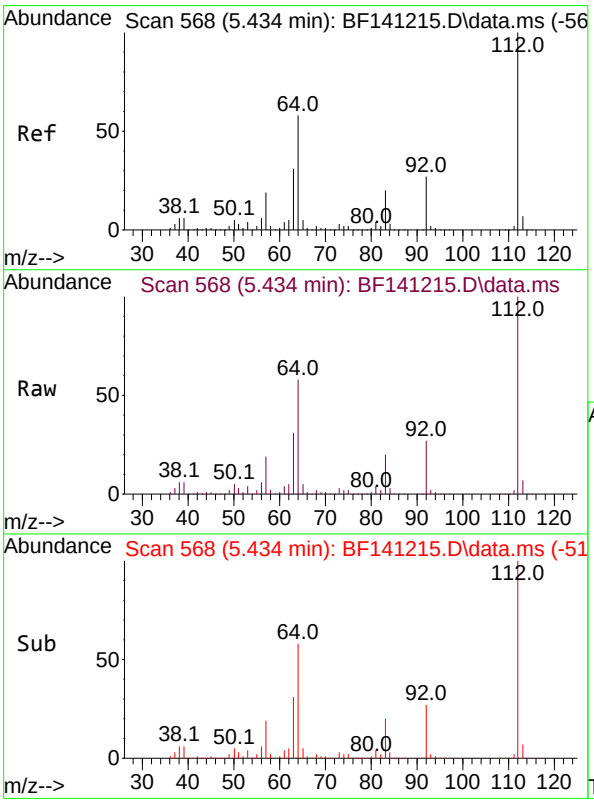
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion:152 Resp: 174592

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.8
115	62.0	51.4	77.2

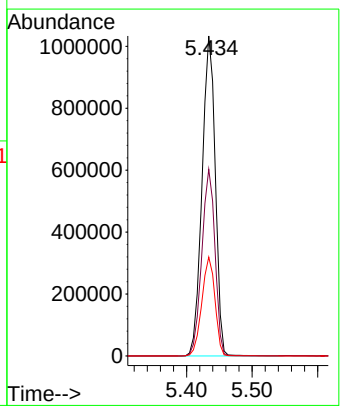


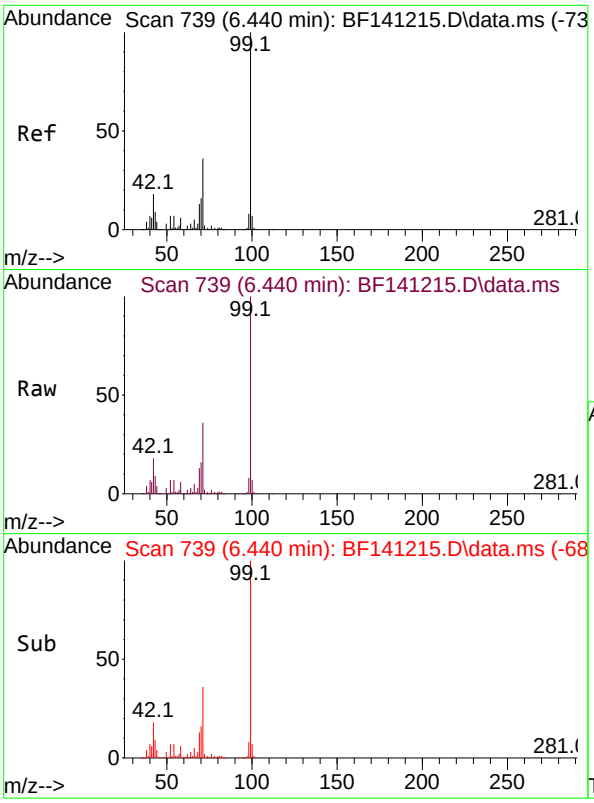


#5
2-Fluorophenol
Concen: 128.817 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:112 Resp: 1455881

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.3	70.9
63	30.9	24.2	36.2



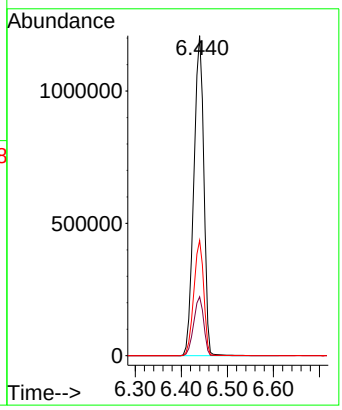


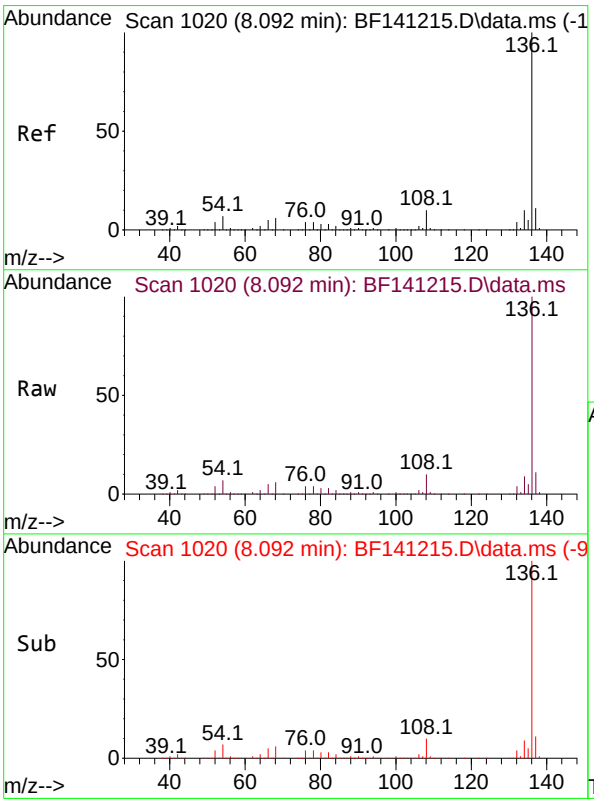
#7
Phenol-d6
Concen: 126.934 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion: 99 Resp: 1817210

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	36.0	27.6	41.4

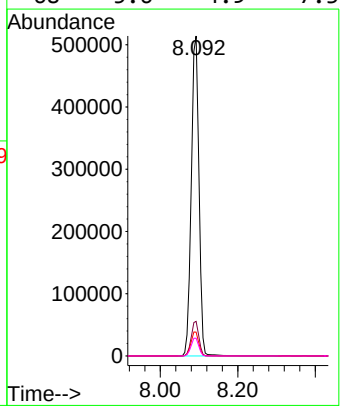


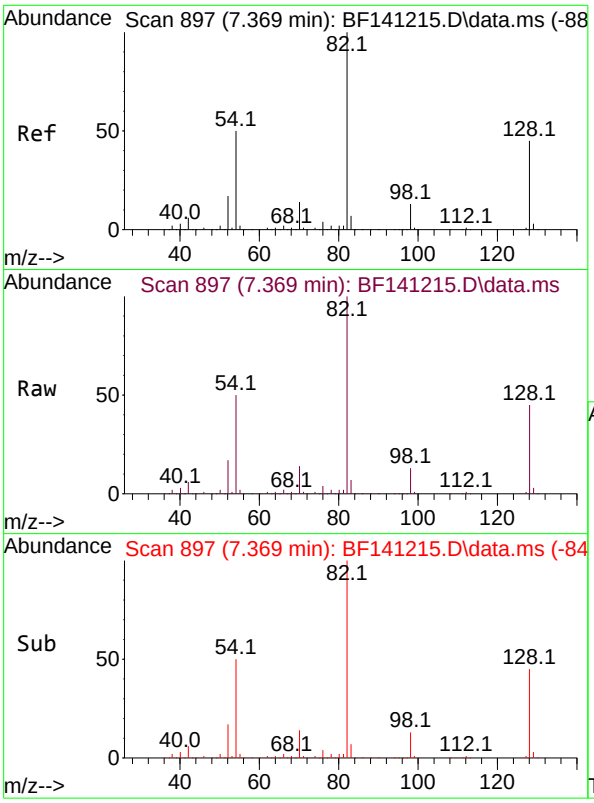


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:136 Resp: 707492

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.6	4.9	7.3



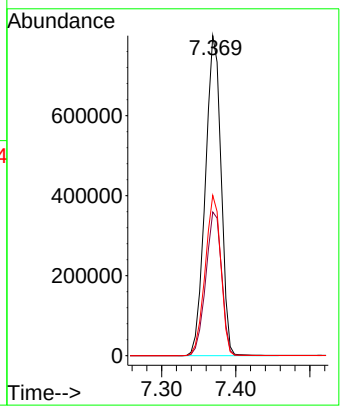


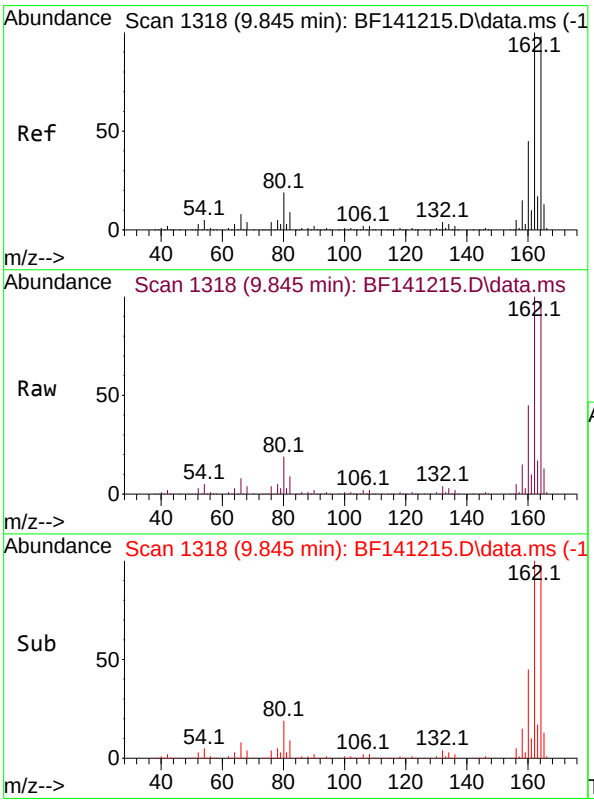
#23
Nitrobenzene-d5
Concen: 88.336 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion: 82 Resp: 1179001

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.1	41.0	61.4

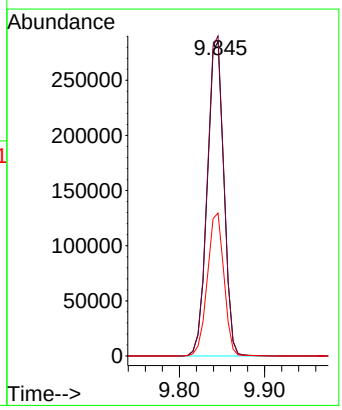


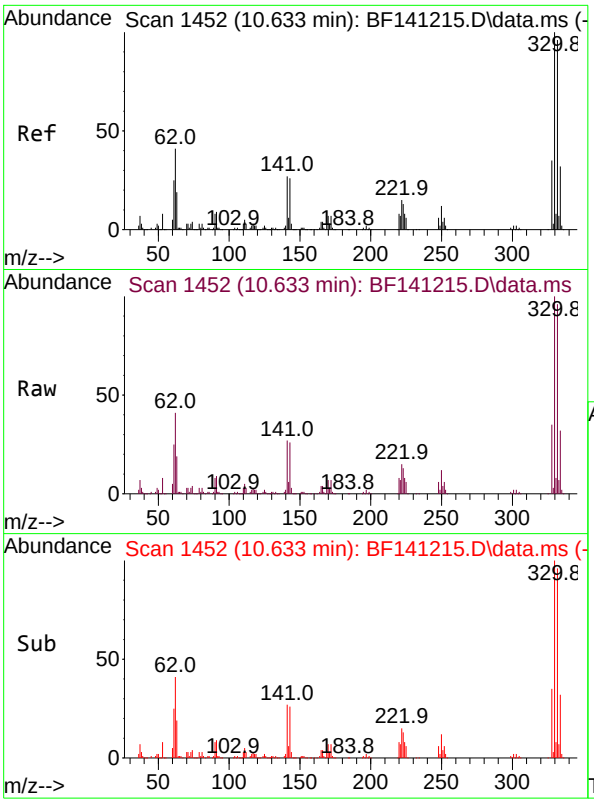


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:164 Resp: 384555

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.4	36.1	54.1



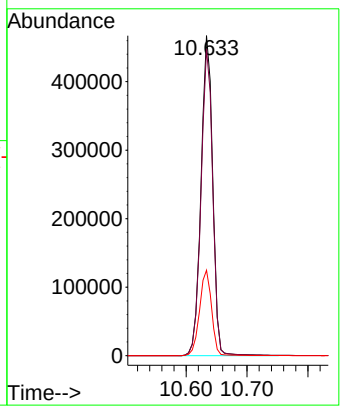


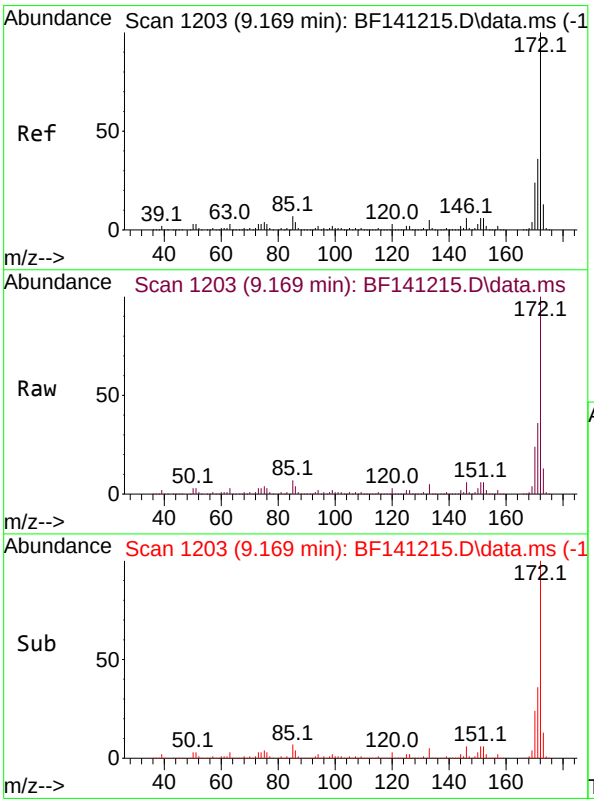
#42
2,4,6-Tribromophenol
Concen: 142.329 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion:330 Resp: 623652

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	27.5	25.2	37.8

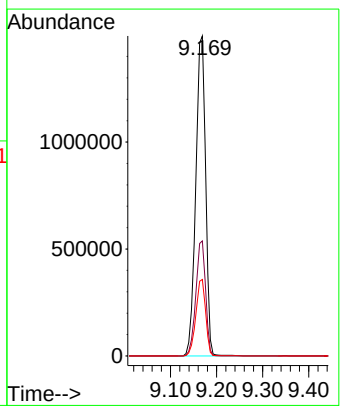


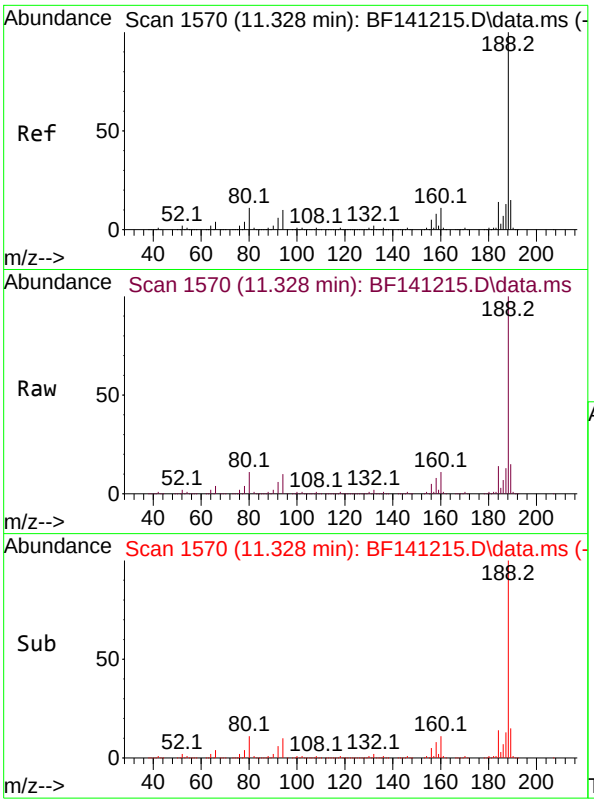


#45
2-Fluorobiphenyl
Concen: 88.137 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:172 Resp: 2219555

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.9	19.0	28.6



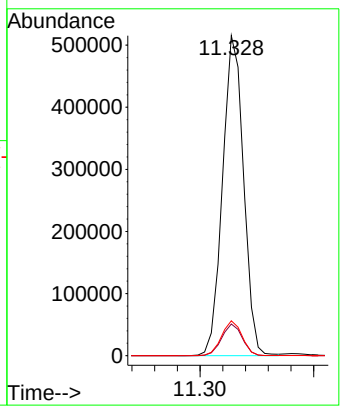


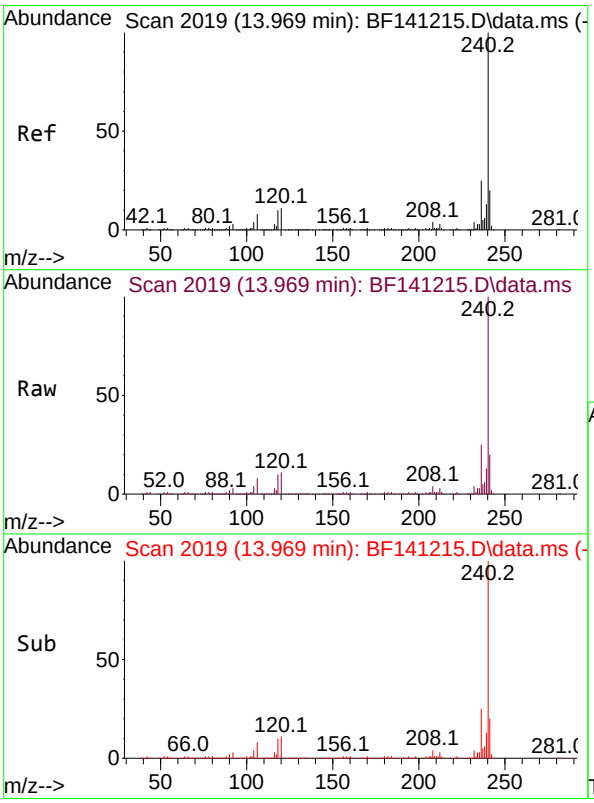
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion:188 Resp: 662071

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.3	12.5
80	10.9	9.0	13.4

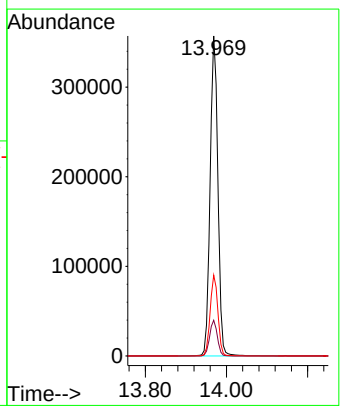


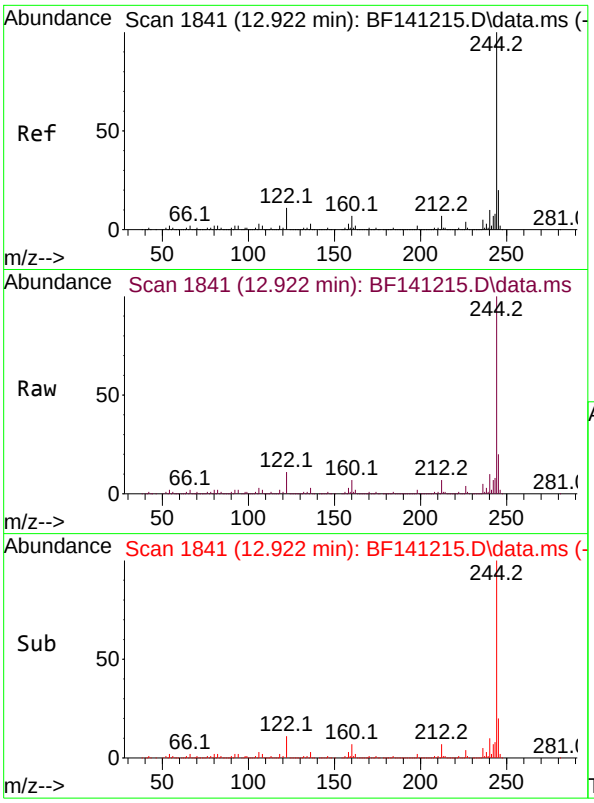


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:240 Resp: 471473

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.2	19.8	29.6



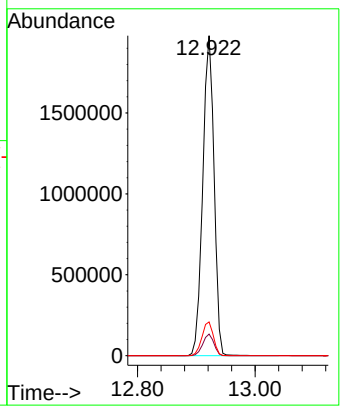


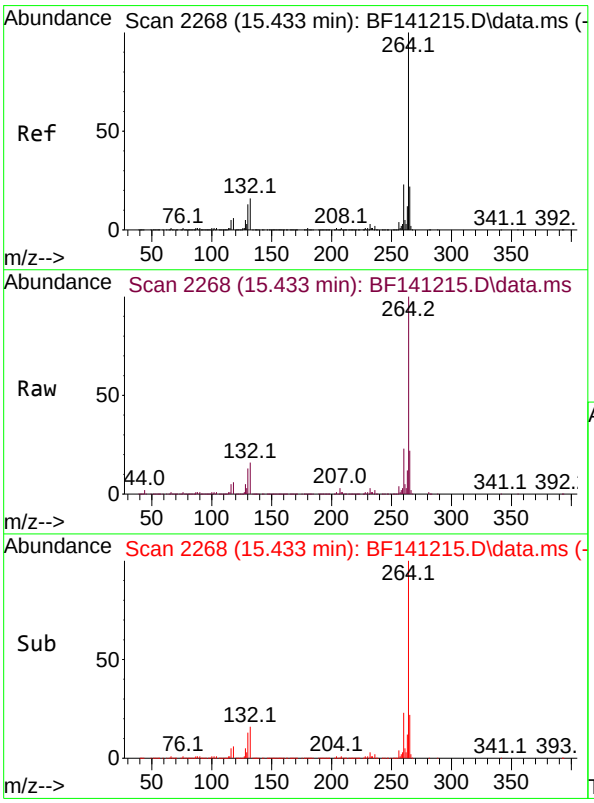
#79
Terphenyl-d14
Concen: 83.481 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB166067TB

Tgt Ion:244 Resp: 2648106

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.5	8.8	13.2

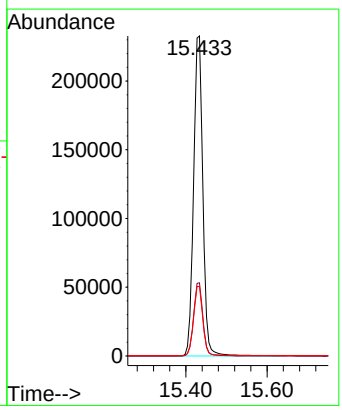




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141215.D
Acq: 20 Jan 2025 11:56

Tgt Ion:264 Resp: 371500

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.7	17.4	26.0



Raw Data: **BF141203.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	FILTER CAKE	SDG No.:	Q1119
Lab Sample ID:	Q1119-01	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
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
BF141203.D	1	01/17/25 12:00	01/17/25 19:52	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.016	U	0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0084	U	0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.91	E	0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.010	U	0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.013	U	0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0089	U	0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.010	U	0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.015	U	0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.011	UQ	0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.019	U	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	112		10 - 139	74%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 134	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		49 - 133	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.2		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	43.3	*	48 - 125	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	183000	6.816			
1146-65-2	Naphthalene-d8	728000	8.092			
15067-26-2	Acenaphthene-d10	370000	9.845			
1517-22-2	Phenanthrene-d10	526000	11.327			
1719-03-5	Chrysene-d12	373000	13.974			
1520-96-3	Perylene-d12	384000	15.433			

Raw Data: **BF141203.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:	01/16/25
Project:	Monthly 2025			Date Received:	01/16/25
Client Sample ID:	FILTER CAKE			SDG No.:	Q1119
Lab Sample ID:	Q1119-01			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1
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
BF141203.D	1	01/17/25 12:00	01/17/25 19:52	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF011725\
Data File : BF141203.D
Acq On : 17 Jan 2025 19:52
Operator : RC/JU
Sample : Q1119-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Quant Time: Jan 17 23:11:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

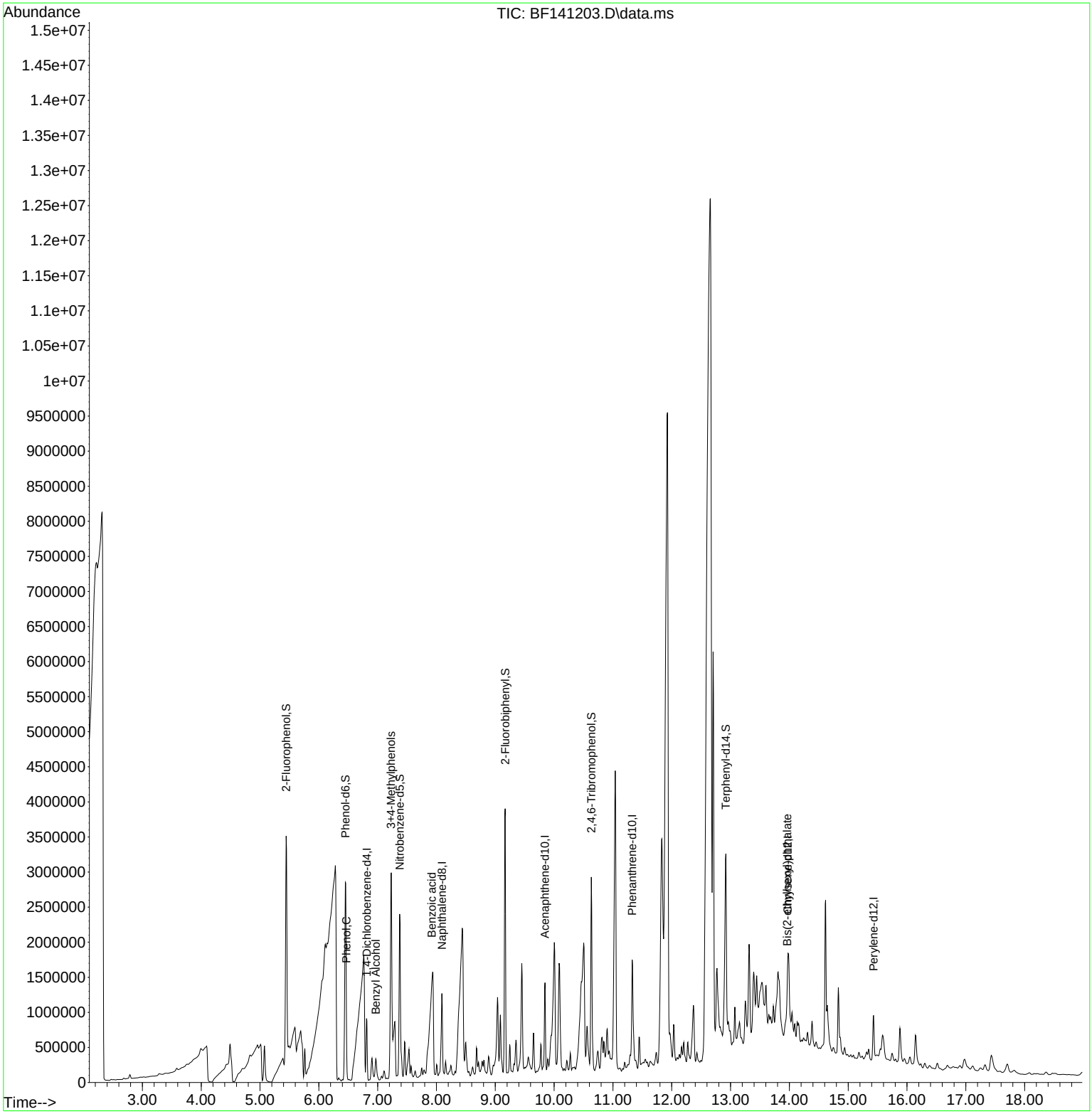
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	182887	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	728487	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	369683	20.000	ng		-0.02
64) Phenanthrene-d10	11.327	188	525547	20.000	ng		-0.02
76) Chrysene-d12	13.974	240	373282	20.000	ng		-0.01
86) Perylene-d12	15.433	264	384366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1321203	111.599	ng		0.02
7) Phenol-d6	6.451	99	1653746	110.276	ng		0.00
23) Nitrobenzene-d5	7.375	82	1060960	77.201	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	514318	122.099	ng		-0.02
45) 2-Fluorobiphenyl	9.169	172	1724144	71.219	ng		-0.01
79) Terphenyl-d14	12.921	244	1086251	43.251	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.469	94	87515	5.452	ng		81
15) Benzyl Alcohol	6.969	79	107010	9.881	ng		100
20) 3+4-Methylphenols	7.228	107	1183326	91.467	ng	#	70
32) Benzoic acid	7.922	122	139314	16.525	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	49546	3.474	ng	#	93

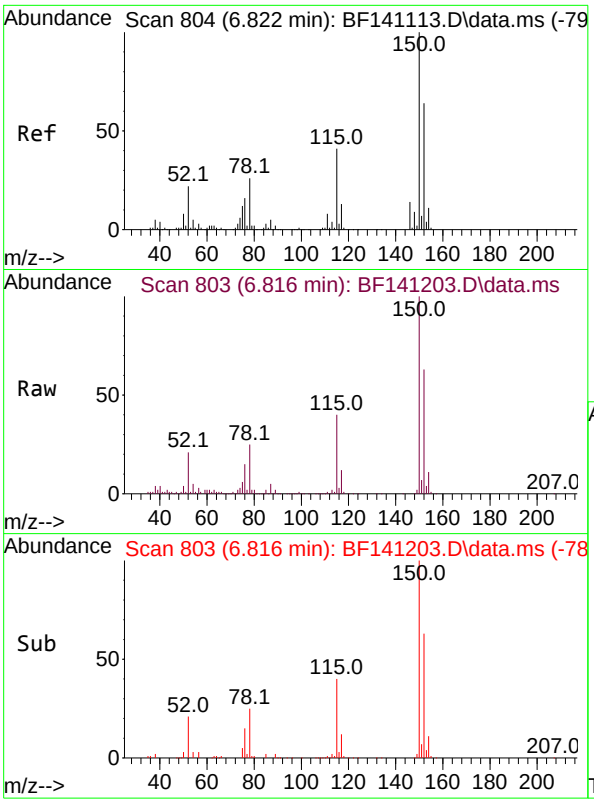
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141203.D
Acq On : 17 Jan 2025 19:52
Operator : RC/JU
Sample : Q1119-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Quant Time: Jan 17 23:11:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



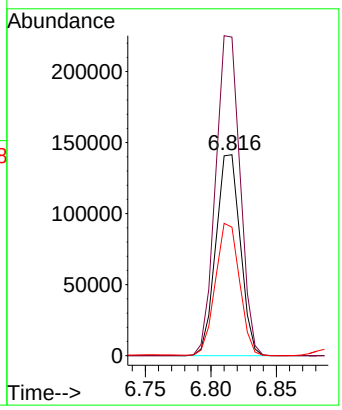


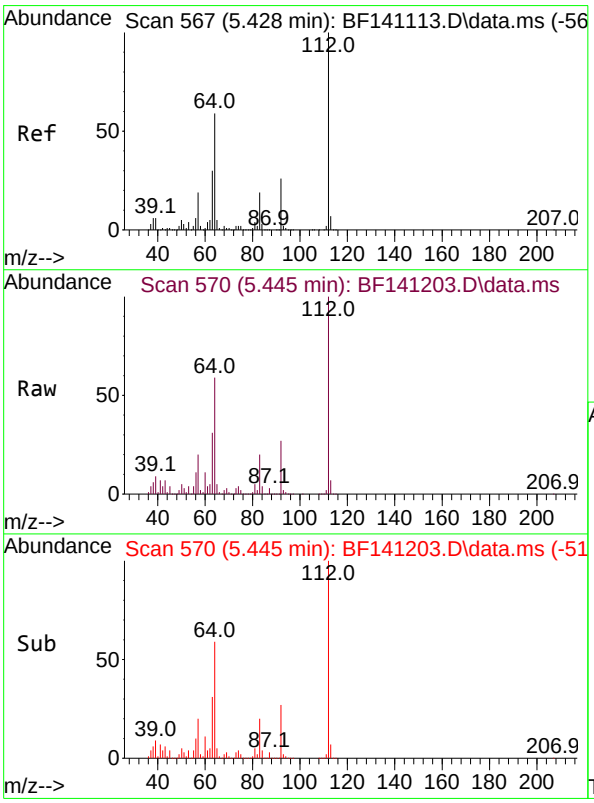
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:152 Resp: 182887

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.8
115	64.0	51.4	77.2

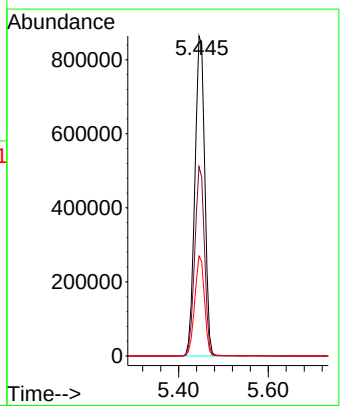


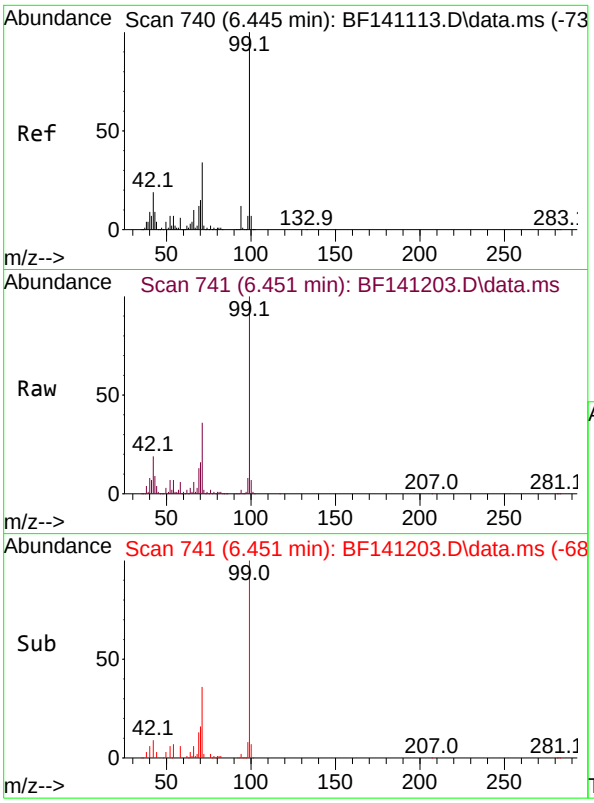


#5
2-Fluorophenol
Concen: 111.599 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:112 Resp: 1321203

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.3	70.9
63	31.2	24.2	36.2



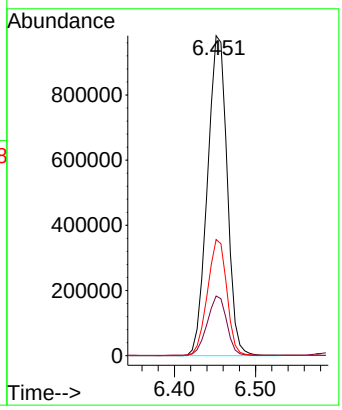


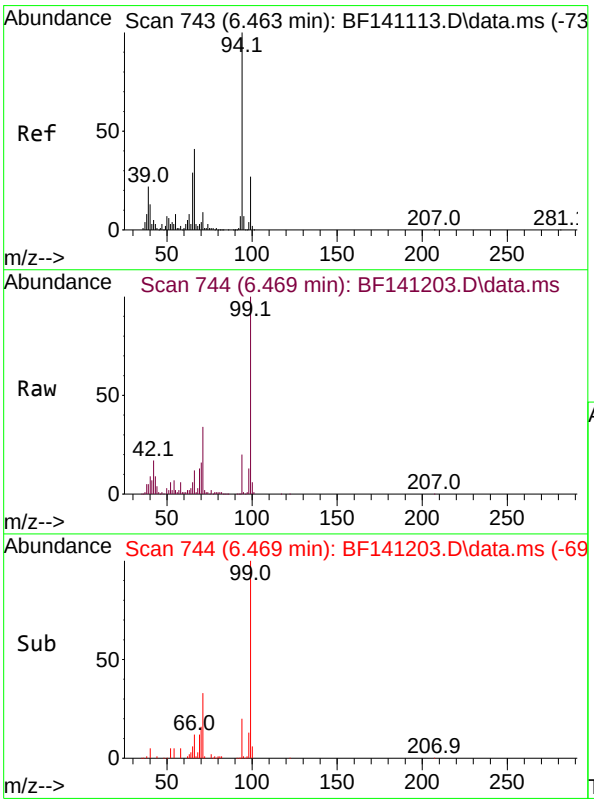
#7
Phenol-d6
Concen: 110.276 ng
RT: 6.451 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion: 99 Resp: 1653746

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	36.3	27.6	41.4

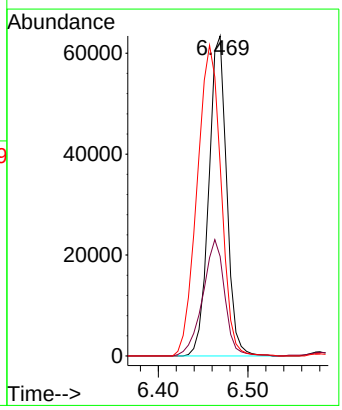


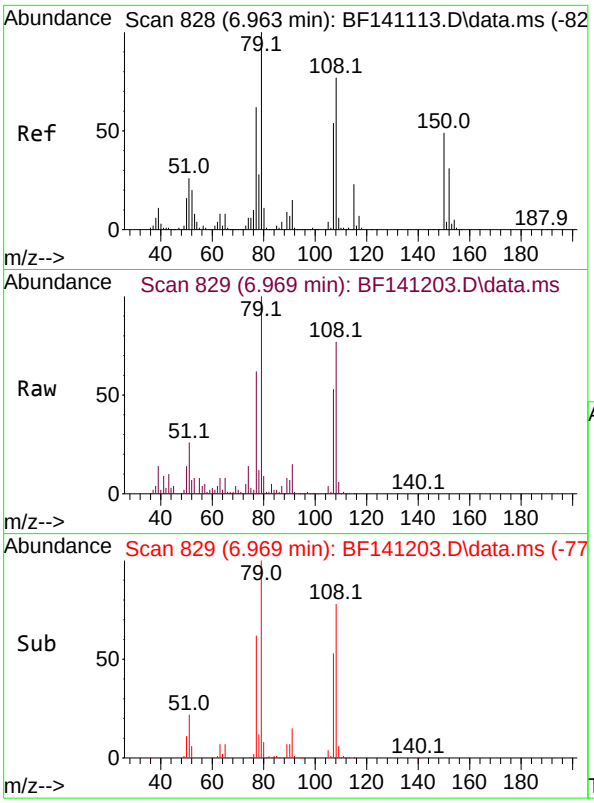


#10
Phenol
Concen: 5.452 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 94 Resp: 87515

Ion	Ratio	Lower	Upper
94	100		
65	31.1	8.9	48.9
66	60.0	21.2	61.2



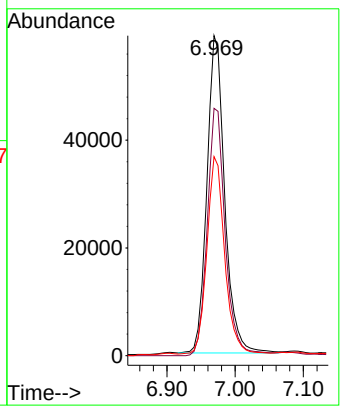


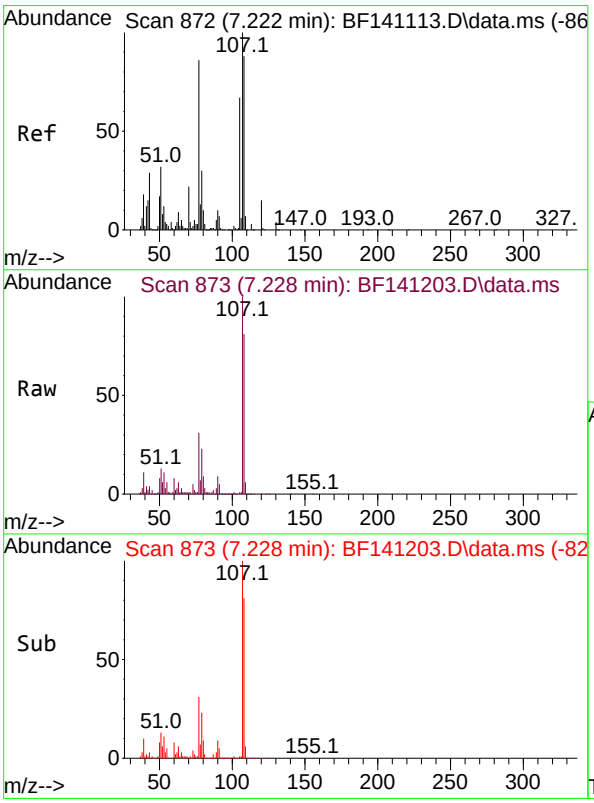
#15
Benzyl Alcohol
Concen: 9.881 ng
RT: 6.969 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion: 79 Resp: 107010

Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.4	92.0
77	62.2	49.8	74.6

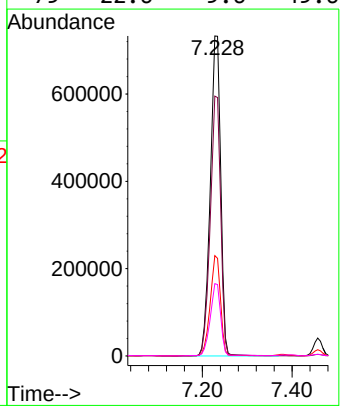


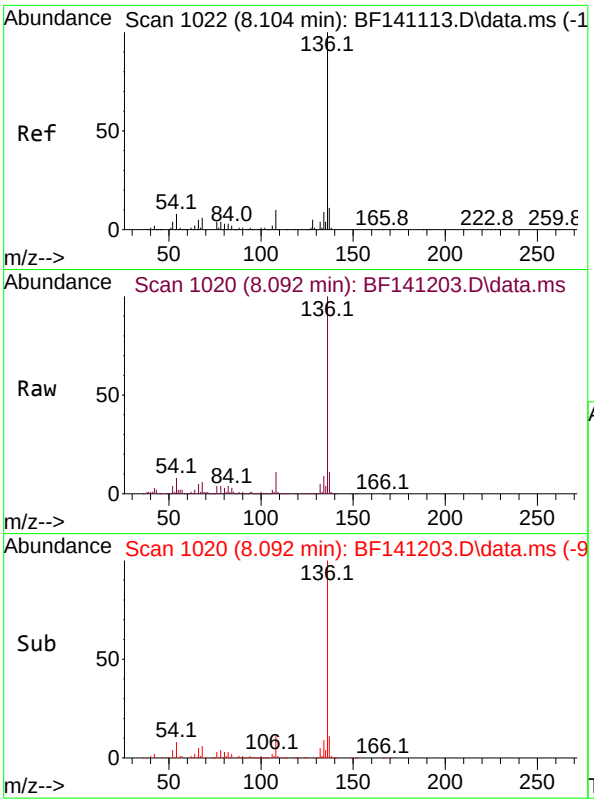


#20
3+4-Methylphenols
Concen: 91.467 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:107 Resp: 1183326

Ion	Ratio	Lower	Upper
107	100		
108	81.2	68.3	108.3
77	31.3	66.4	106.4#
79	22.6	9.6	49.6



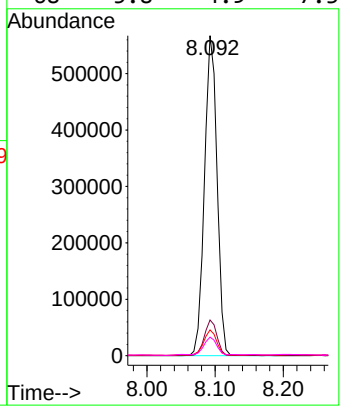


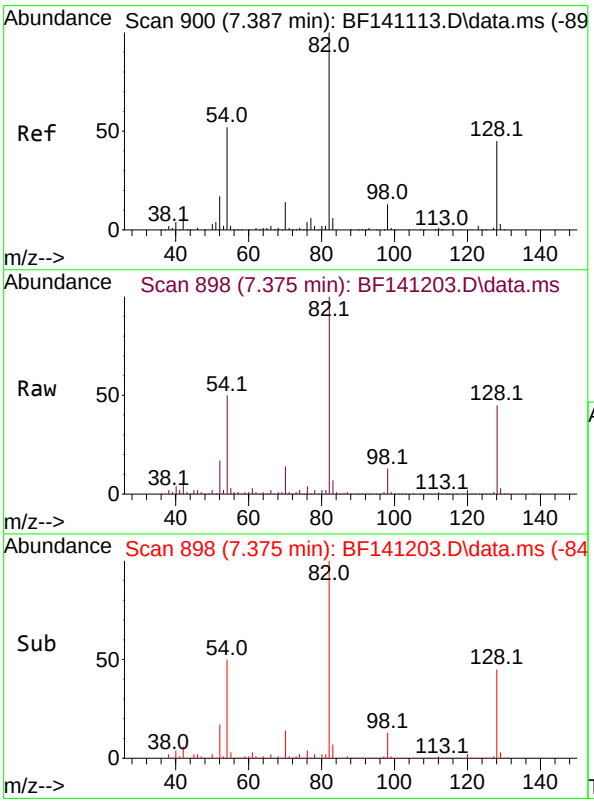
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:136 Resp: 728487

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	6.3	9.5
68	5.8	4.9	7.3

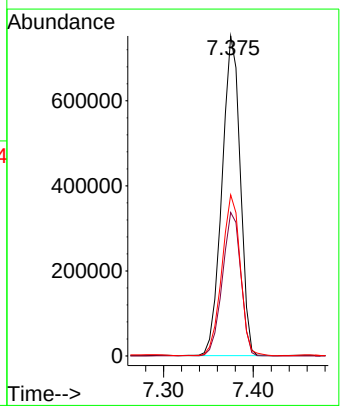


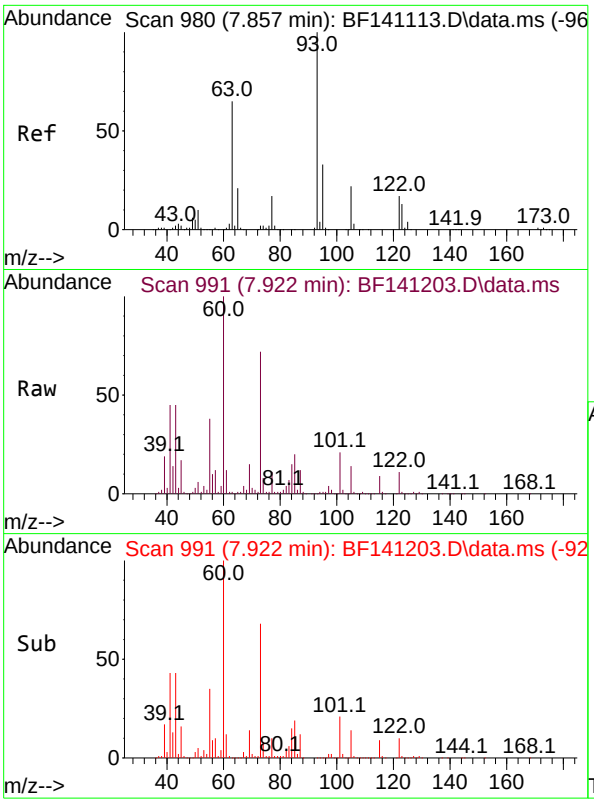


#23
Nitrobenzene-d5
Concen: 77.201 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion: 82 Resp: 1060960

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	50.3	41.0	61.4



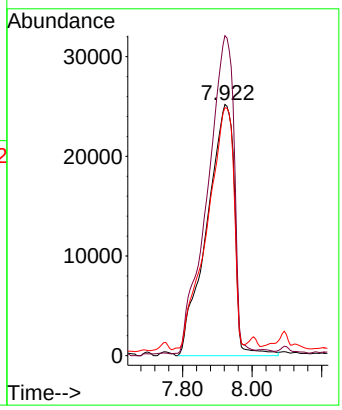


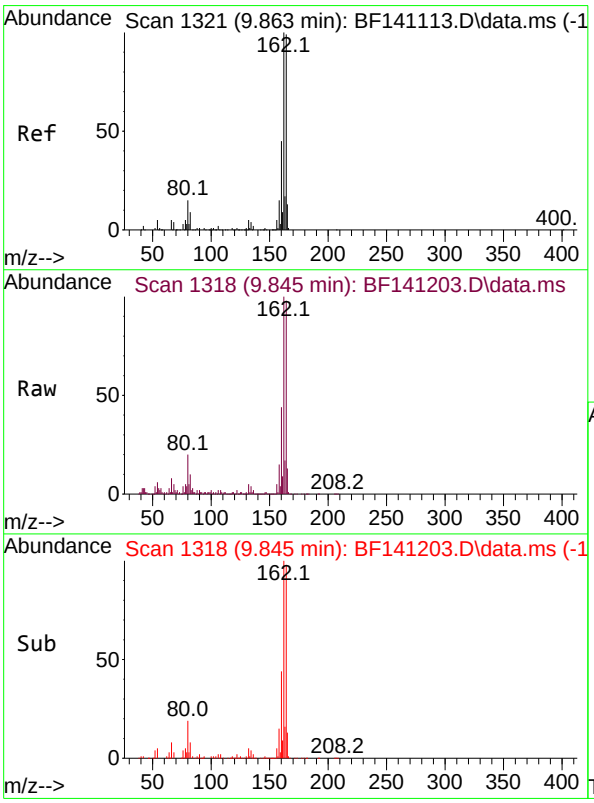
#32
Benzoic acid
Concen: 16.525 ng
RT: 7.922 min Scan# 9
Delta R.T. 0.065 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:122 Resp: 139314

Ion	Ratio	Lower	Upper
122	100		
105	127.4	105.5	145.5
77	98.7	75.1	115.1

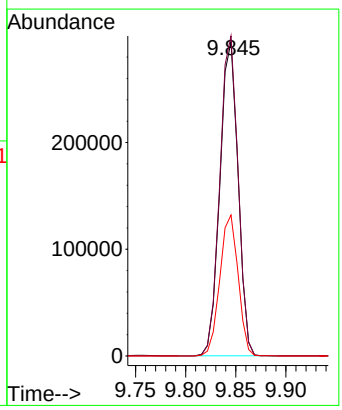


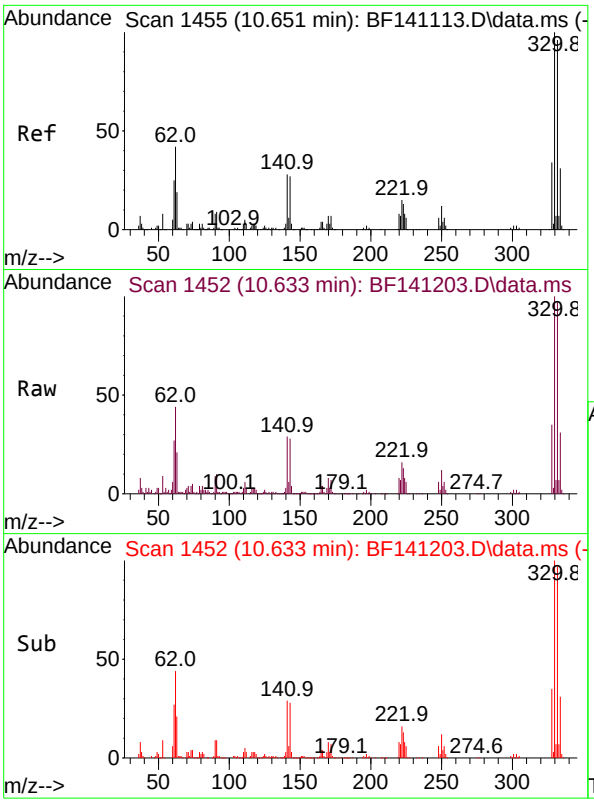


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:164 Resp: 369683

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	44.9	36.1	54.1



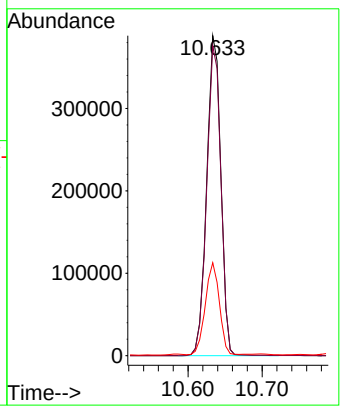


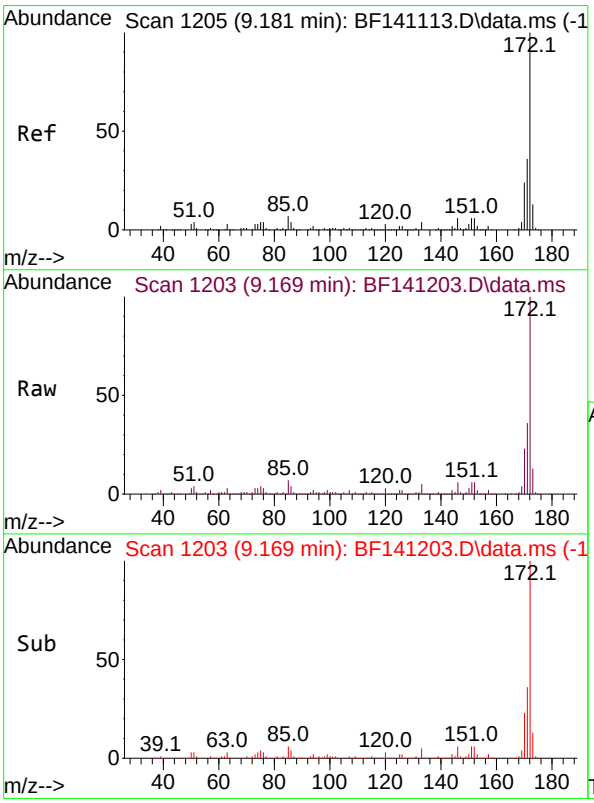
#42
2,4,6-Tribromophenol
Concen: 122.099 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:330 Resp: 514318

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	28.6	25.2	37.8

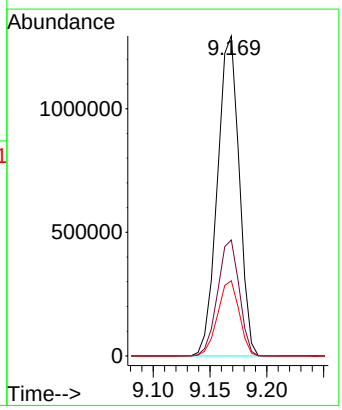


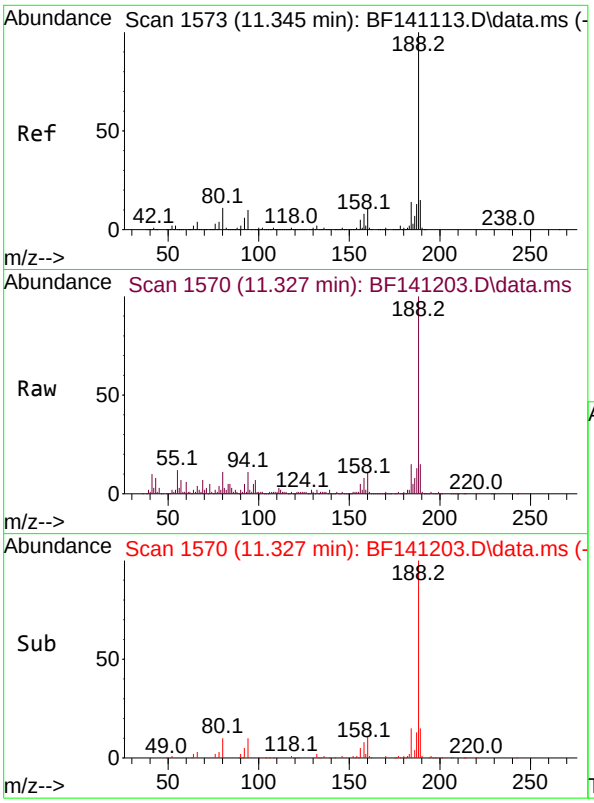


#45
2-Fluorobiphenyl
Concen: 71.219 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:172 Resp: 1724144

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	23.5	19.0	28.6



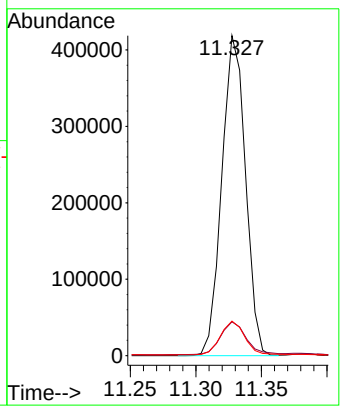


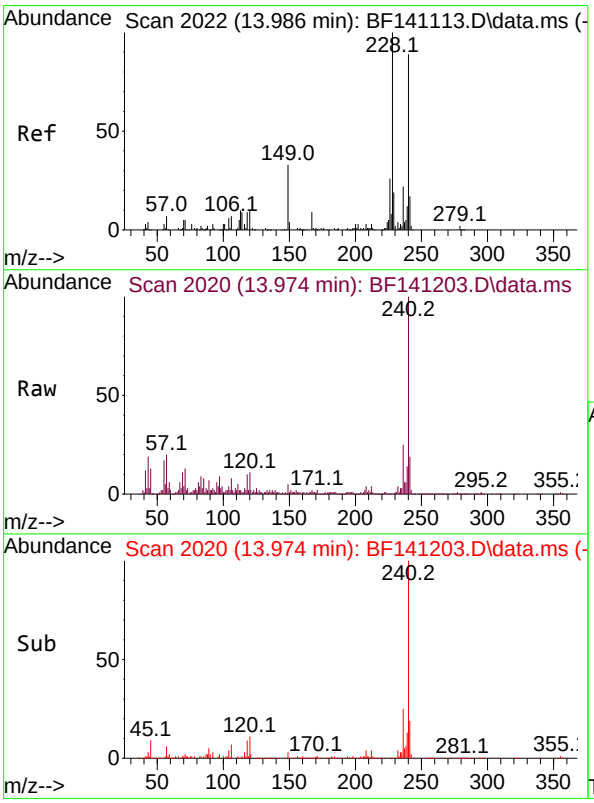
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:188 Resp: 525547

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	10.8	9.0	13.4

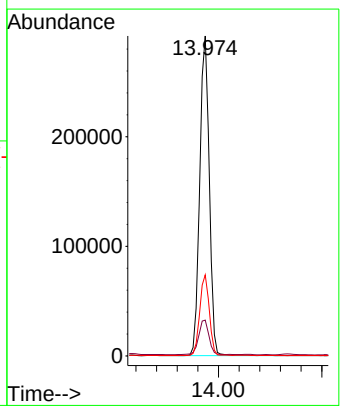


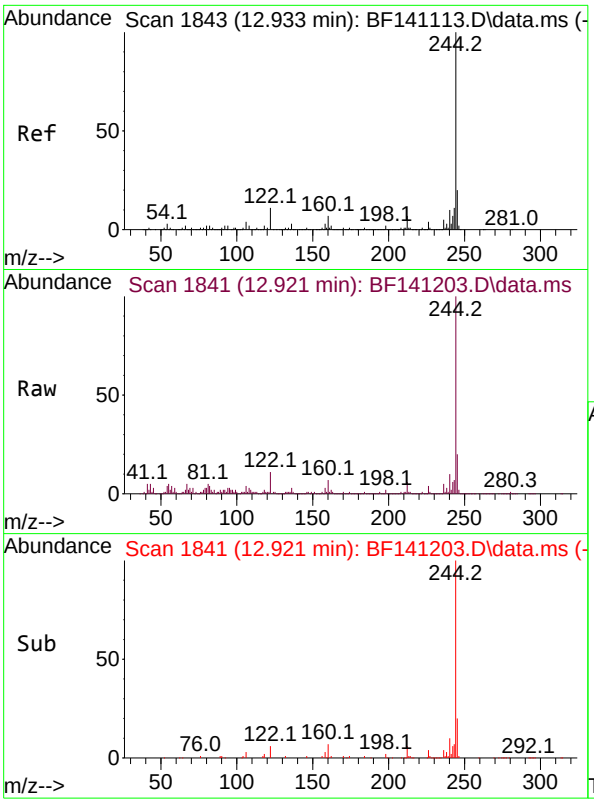


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:240 Resp: 373282

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.3	19.8	29.6



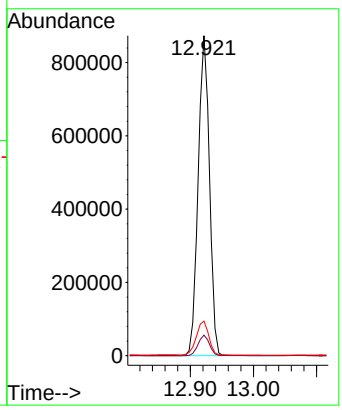


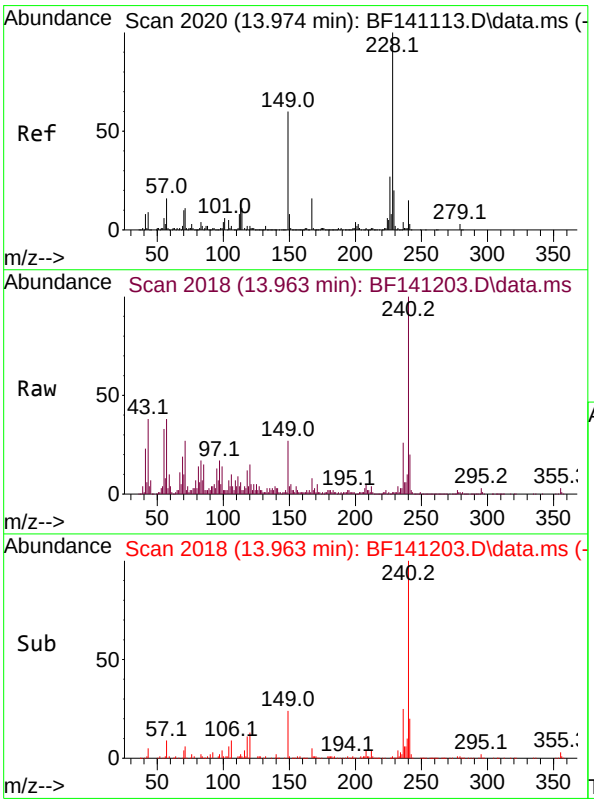
#79
Terphenyl-d14
Concen: 43.251 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:244 Resp: 1086251

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.8	8.8	13.2

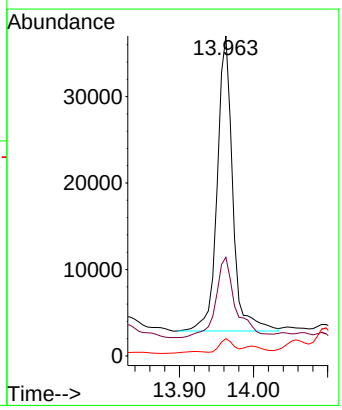


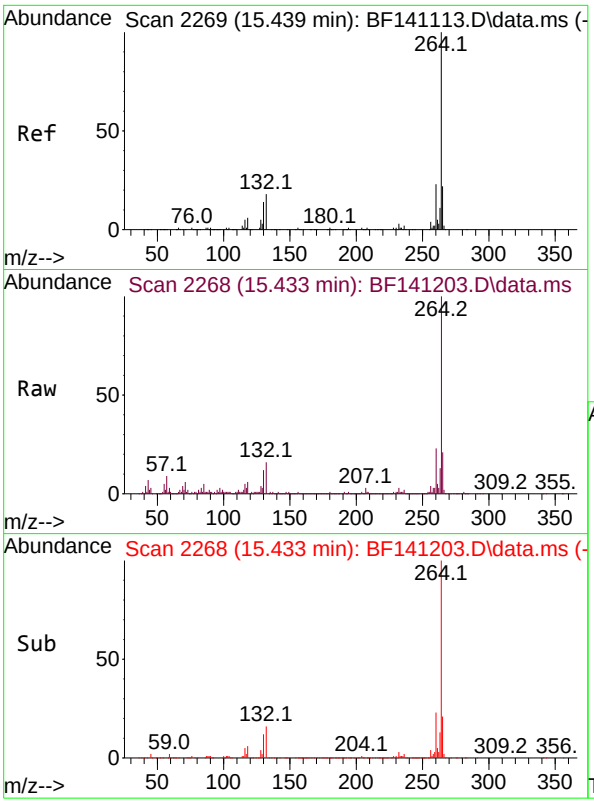


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.474 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Tgt Ion:149 Resp: 49546

Ion	Ratio	Lower	Upper
149	100		
167	30.9	21.4	32.2
279	5.4	3.4	5.2#



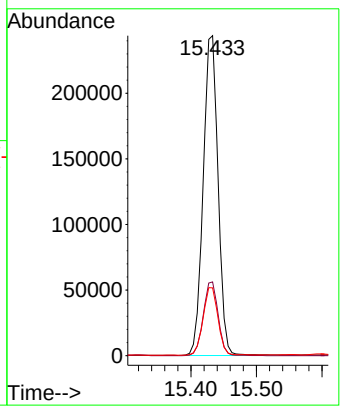


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141203.D
Acq: 17 Jan 2025 19:52

Instrument :
BNA_F
ClientSampleId :
FILTER CAKE

Tgt Ion:264 Resp: 384366

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.2	17.4	26.0



Raw Data: **BF141222.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	FILTER CAKEDL	SDG No.:	Q1119
Lab Sample ID:	Q1119-01DL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
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
BF141222.D	2	01/17/25 12:00	01/20/25 15:05	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.031	UD	0.031	0.10	mg/L
106-46-7	1,4-Dichlorobenzene	0.017	UD	0.017	0.10	mg/L
95-48-7	2-Methylphenol	0.023	UD	0.023	0.10	mg/L
65794-96-9	3+4-Methylphenols	1.00	D	0.023	0.20	mg/L
67-72-1	Hexachloroethane	0.020	UD	0.020	0.10	mg/L
98-95-3	Nitrobenzene	0.025	UD	0.025	0.10	mg/L
88-06-2	2,4,6-Trichlorophenol	0.018	UD	0.018	0.10	mg/L
95-95-4	2,4,5-Trichlorophenol	0.020	UD	0.020	0.10	mg/L
121-14-2	2,4-Dinitrotoluene	0.030	UD	0.030	0.10	mg/L
118-74-1	Hexachlorobenzene	0.023	UDQ	0.023	0.10	mg/L
87-86-5	Pentachlorophenol	0.037	UD	0.037	0.20	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	127		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	125		10 - 134	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.4		49 - 133	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.2		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	54.8		48 - 125	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	189000	6.81			
1146-65-2	Naphthalene-d8	752000	8.092			
15067-26-2	Acenaphthene-d10	394000	9.845			
1517-22-2	Phenanthrene-d10	605000	11.328			
1719-03-5	Chrysene-d12	365000	13.974			
1520-96-3	Perylene-d12	399000	15.433			

Raw Data: **BF141222.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	FILTER CAKEDL	SDG No.:	Q1119
Lab Sample ID:	Q1119-01DL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
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
BF141222.D	2	01/17/25 12:00	01/20/25 15:05	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF012025\
Data File : BF141222.D
Acq On : 20 Jan 2025 15:05
Operator : RC/JU
Sample : Q1119-01DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Quant Time: Jan 20 15:37:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

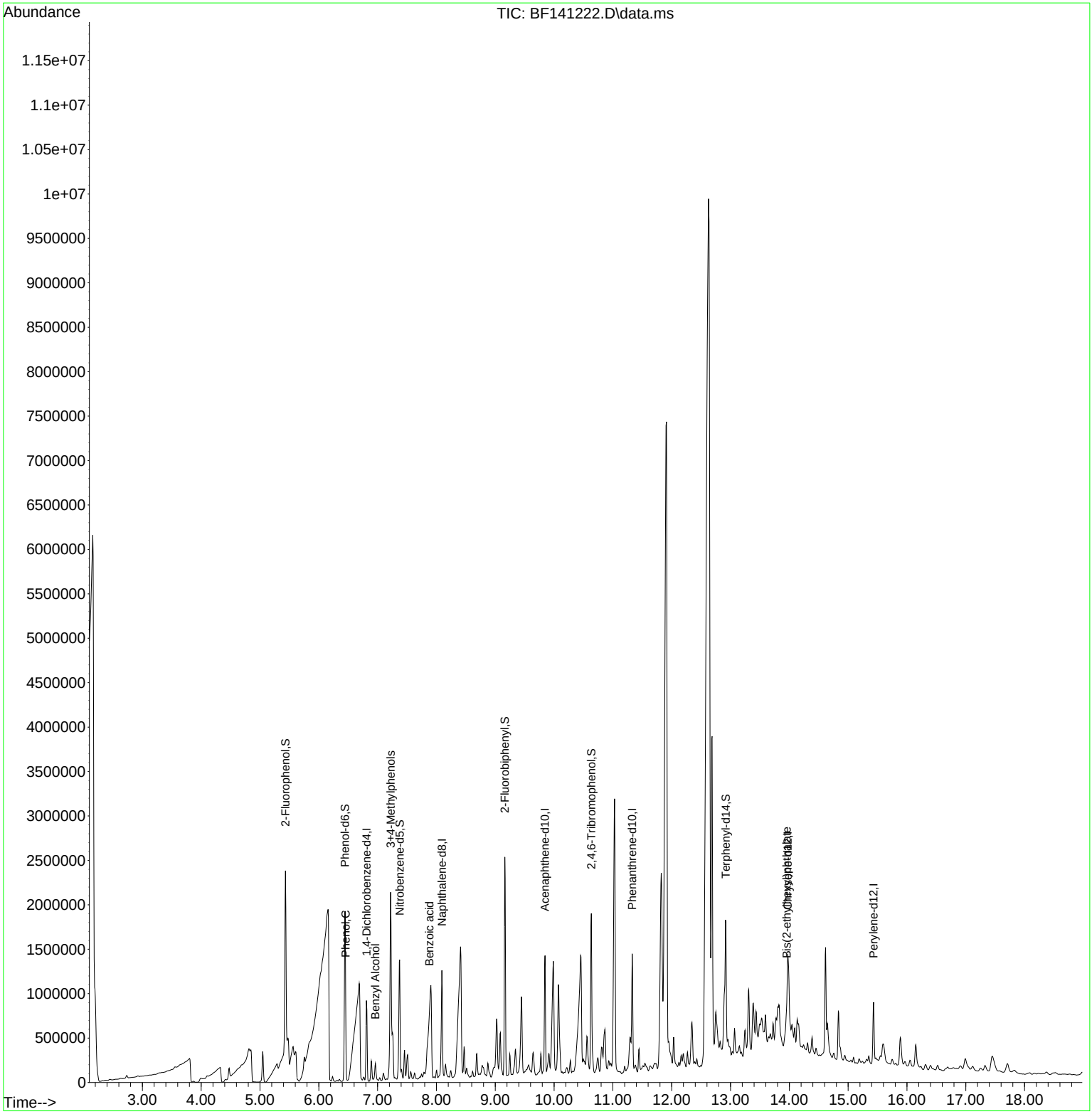
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	188854	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	752267	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	393863	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	605223	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	364877	20.000	ng	-0.01
86) Perylene-d12	15.433	264	398892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	775002	63.394	ng	0.00
7) Phenol-d6	6.446	99	968947	62.570	ng	0.00
23) Nitrobenzene-d5	7.375	82	620361	43.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	327339	72.940	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1072881	41.597	ng	-0.02
79) Terphenyl-d14	12.922	244	672655	27.400	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.457	94	49635	2.994	ng	# 69
15) Benzyl Alcohol	6.963	79	60158	5.379	ng	99
20) 3+4-Methylphenols	7.222	107	691704	51.777	ng	# 69
32) Benzoic acid	7.881	122	78001	8.960	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	31946	2.291	ng	# 89

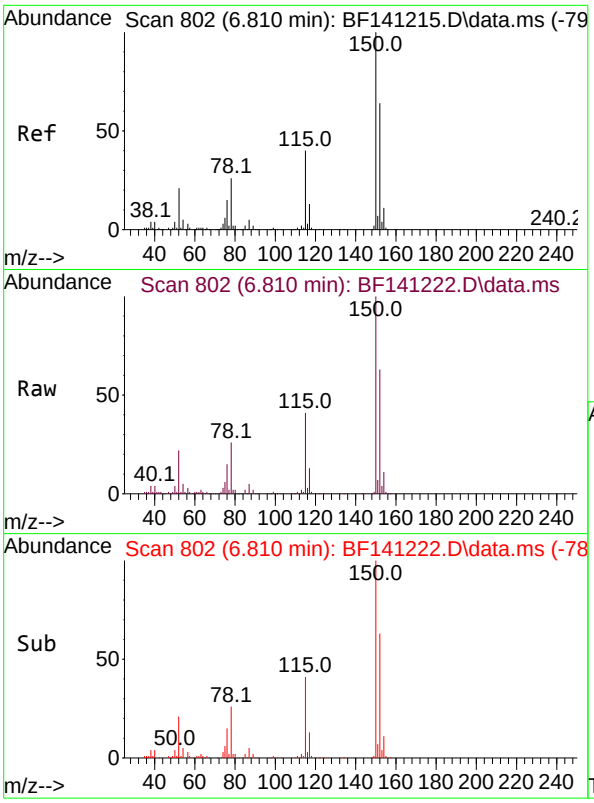
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141222.D
Acq On : 20 Jan 2025 15:05
Operator : RC/JU
Sample : Q1119-01DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Quant Time: Jan 20 15:37:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



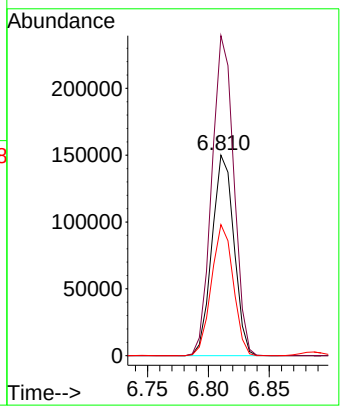


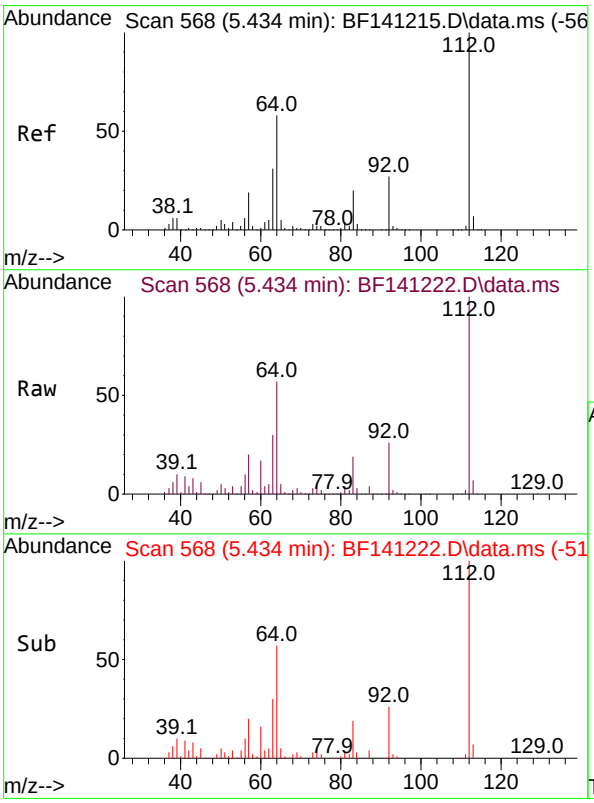
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:152 Resp: 188854

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.8	188.8
115	65.4	51.4	77.2

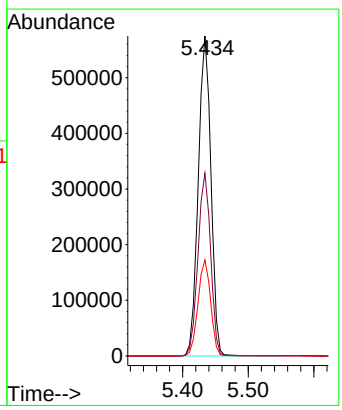


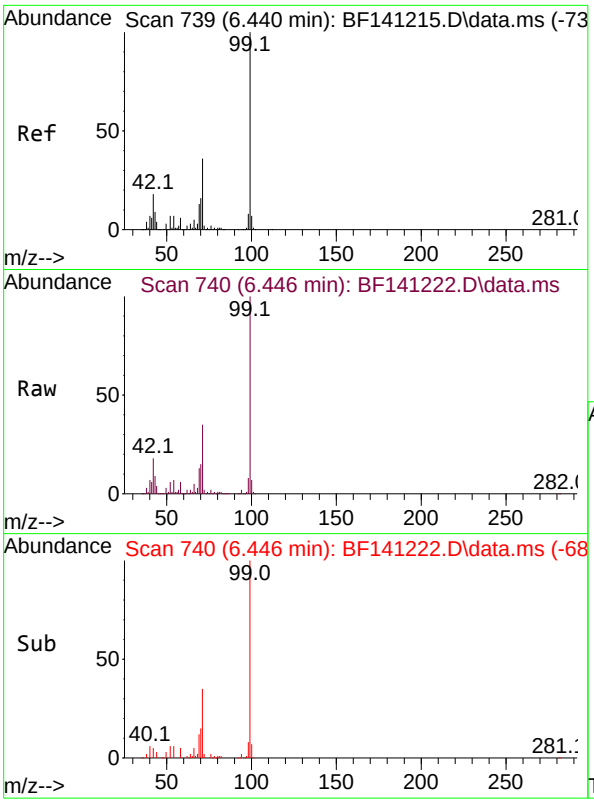


#5
2-Fluorophenol
Concen: 63.394 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:112 Resp: 775002

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.3	70.9
63	30.1	24.2	36.2



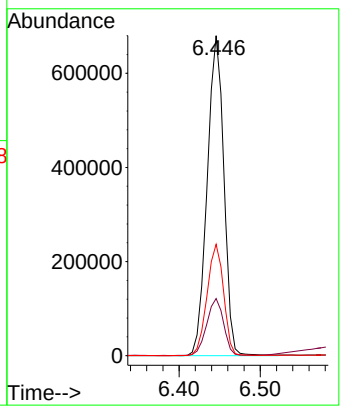


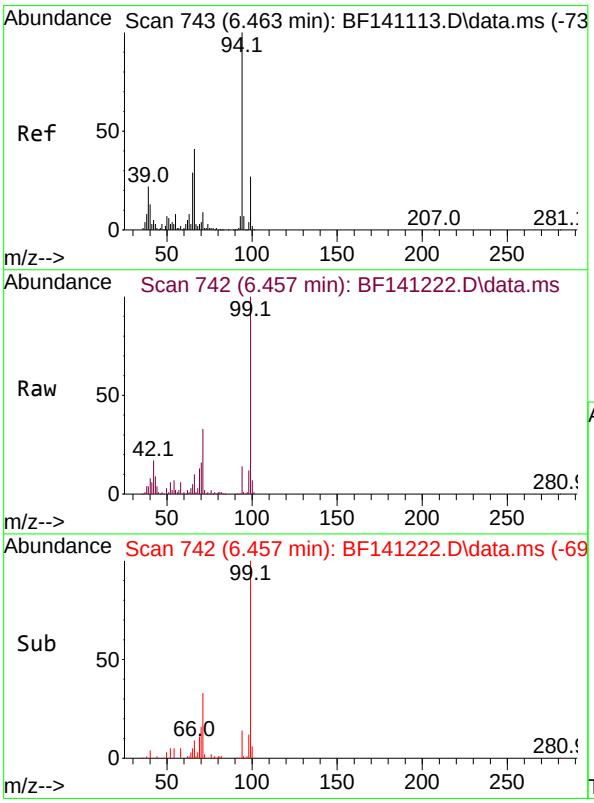
#7
Phenol-d6
Concen: 62.570 ng
RT: 6.446 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion: 99 Resp: 968947

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	34.8	27.6	41.4

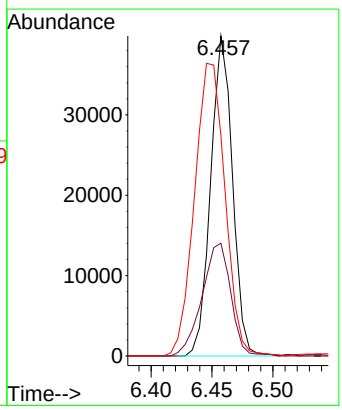


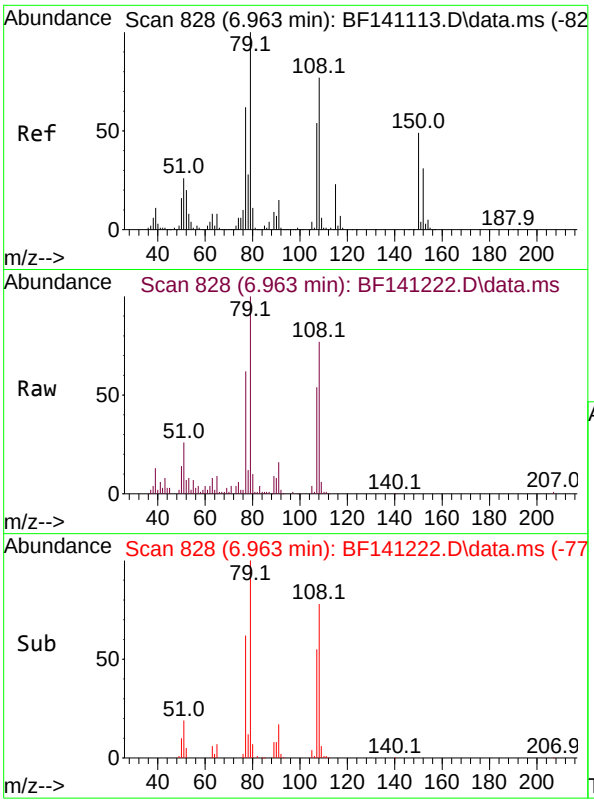


#10
Phenol
Concen: 2.994 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 94 Resp: 49635

Ion	Ratio	Lower	Upper
94	100		
65	35.3	8.9	48.9
66	68.8	21.2	61.2#



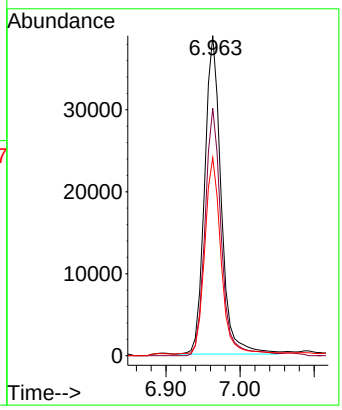


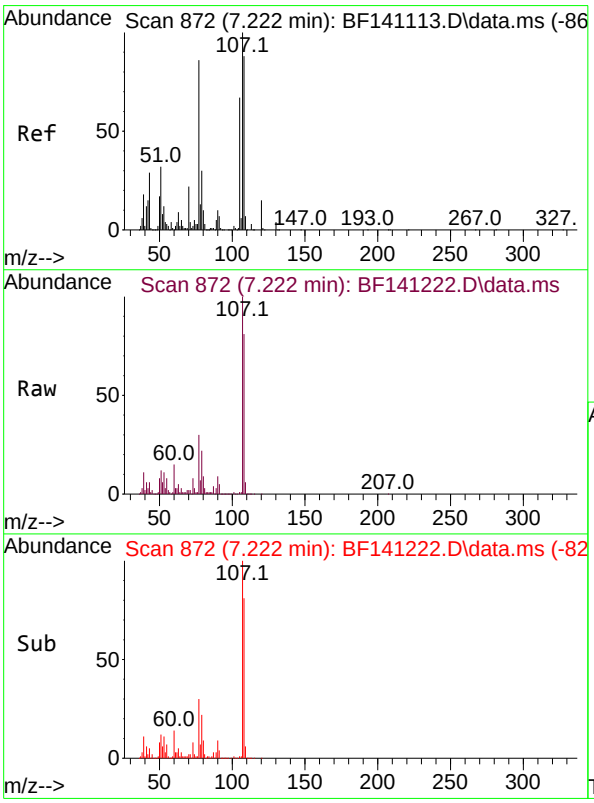
#15
Benzyl Alcohol
Concen: 5.379 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion: 79 Resp: 60158

Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.4	92.0
77	61.9	49.8	74.6

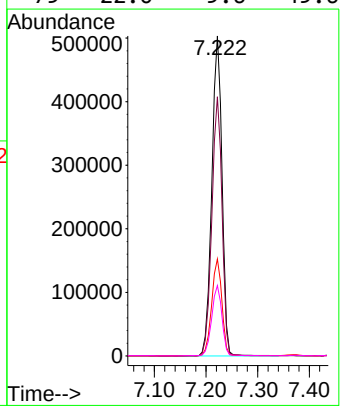


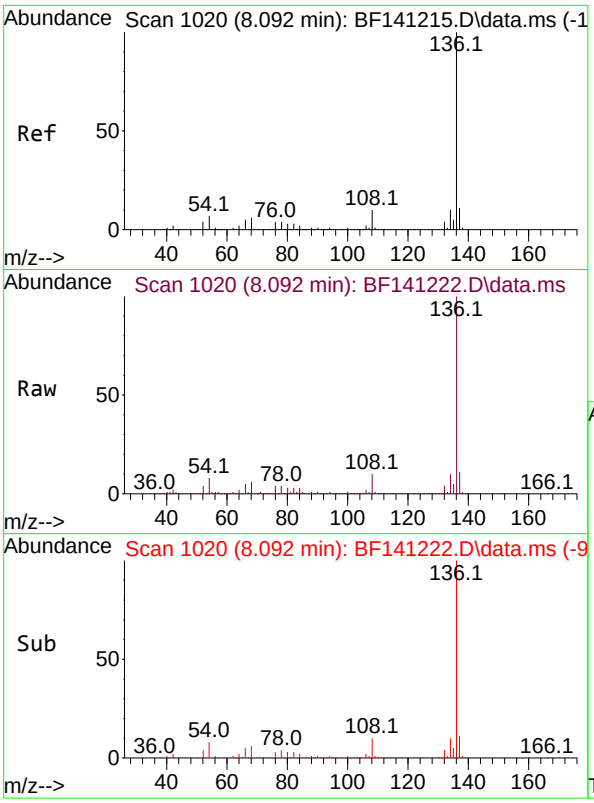


#20
3+4-Methylphenols
Concen: 51.777 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:107 Resp: 691704

Ion	Ratio	Lower	Upper
107	100		
108	81.0	68.3	108.3
77	30.3	66.4	106.4#
79	22.0	9.6	49.6



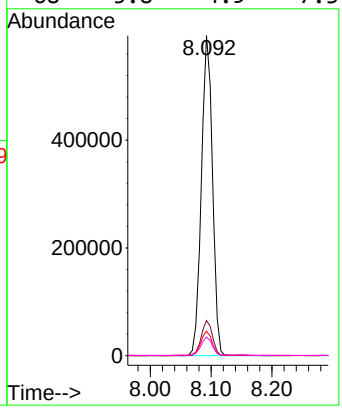


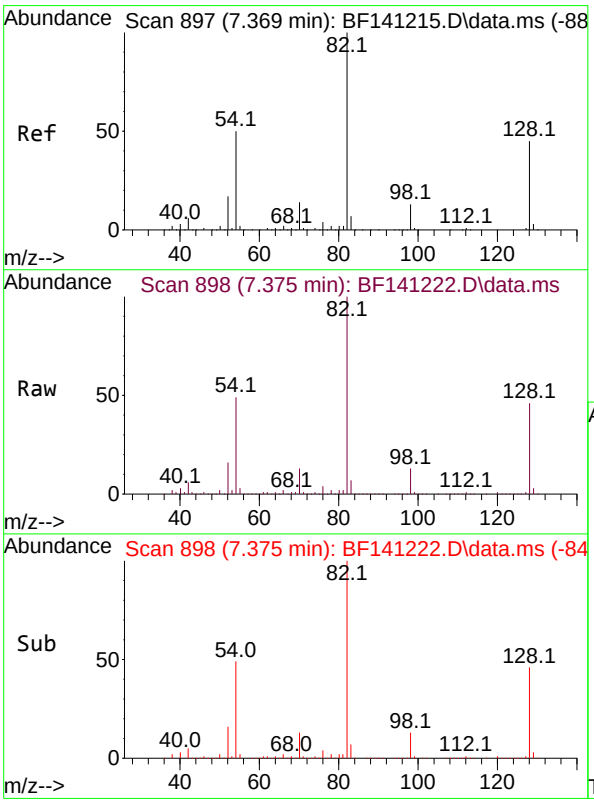
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:136 Resp: 752267

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	5.8	4.9	7.3

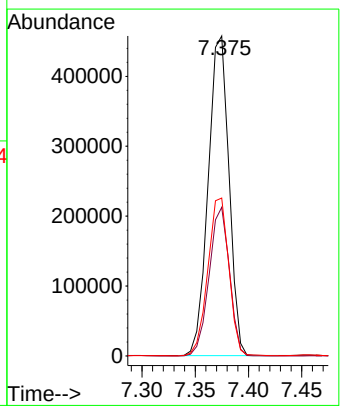


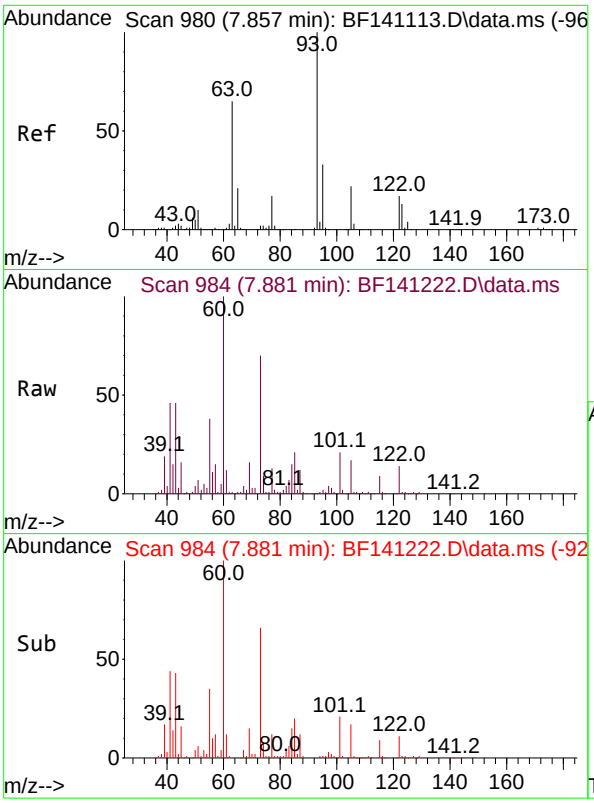


#23
Nitrobenzene-d5
Concen: 43.714 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion: 82 Resp: 620361

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	49.3	41.0	61.4



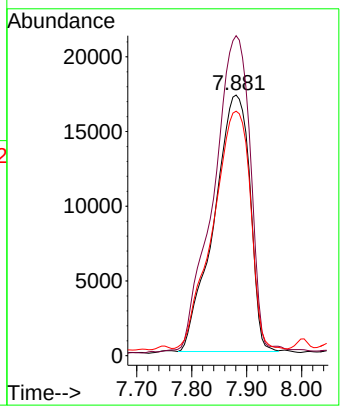


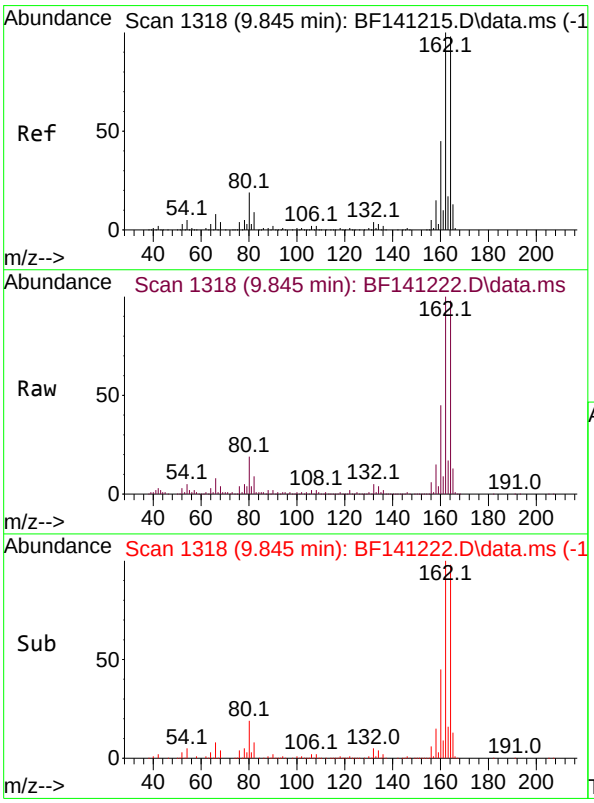
#32
Benzoic acid
Concen: 8.960 ng
RT: 7.881 min Scan# 9
Delta R.T. 0.024 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:122 Resp: 78001

Ion	Ratio	Lower	Upper
122	100		
105	122.7	105.5	145.5
77	93.8	75.1	115.1

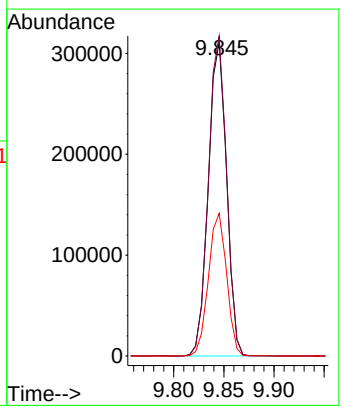


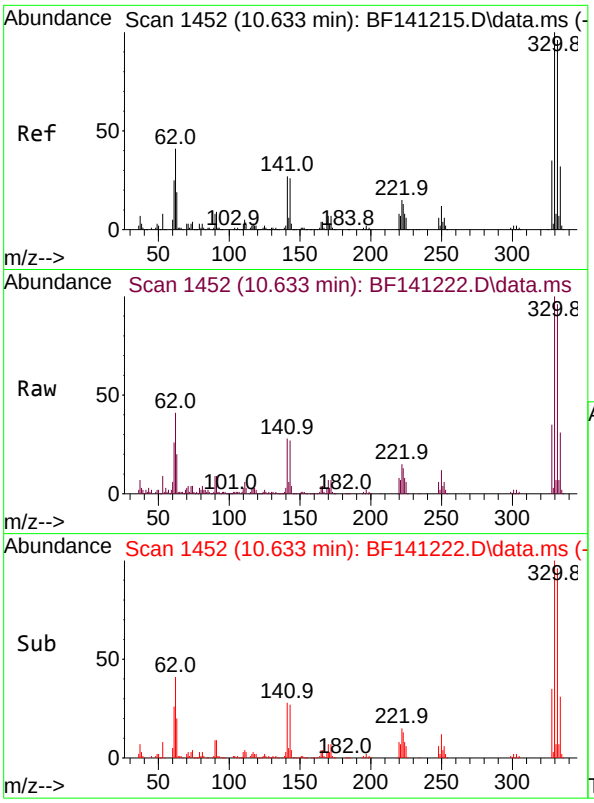


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:164 Resp: 393863

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.0	121.4
160	45.4	36.1	54.1



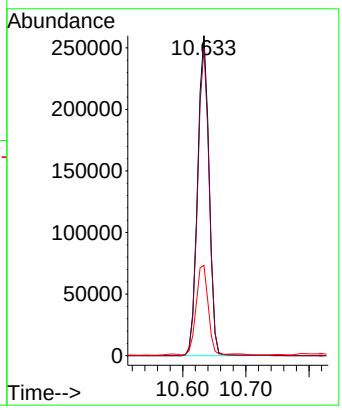


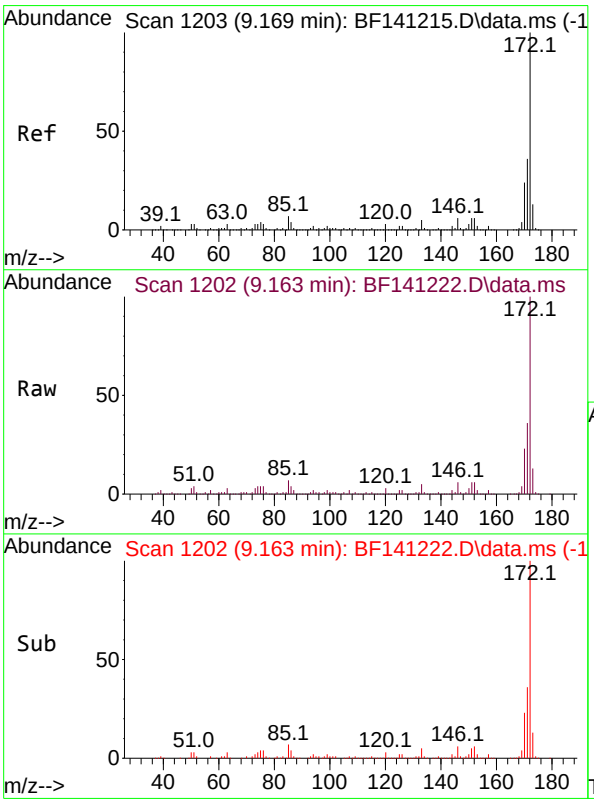
#42
2,4,6-Tribromophenol
Concen: 72.940 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:330 Resp: 327339

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	29.1	25.2	37.8

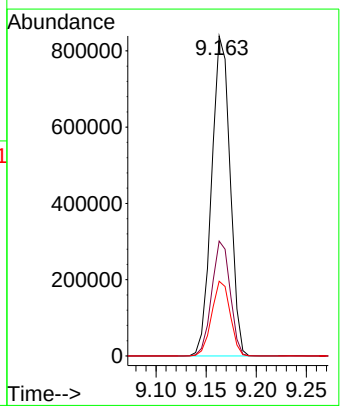


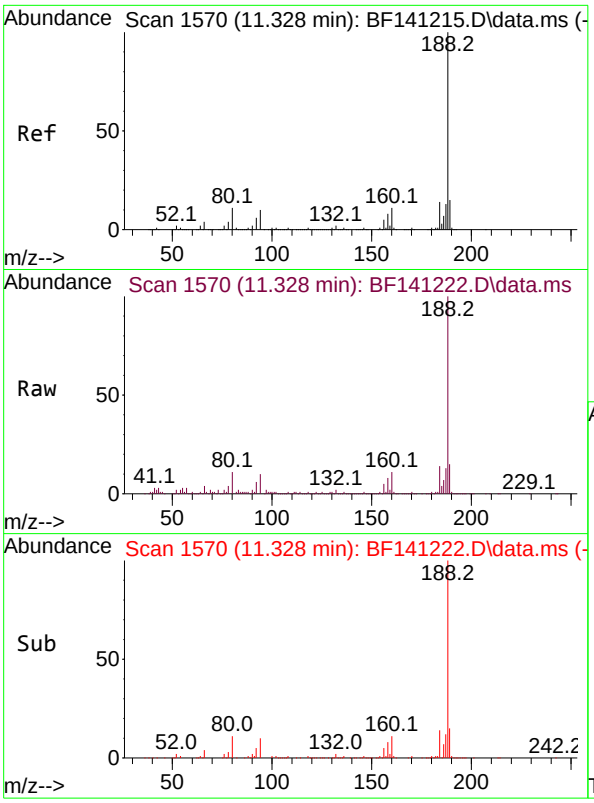


#45
2-Fluorobiphenyl
Concen: 41.597 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:172 Resp: 1072881

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.4	19.0	28.6



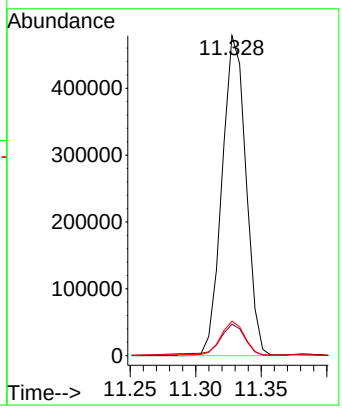


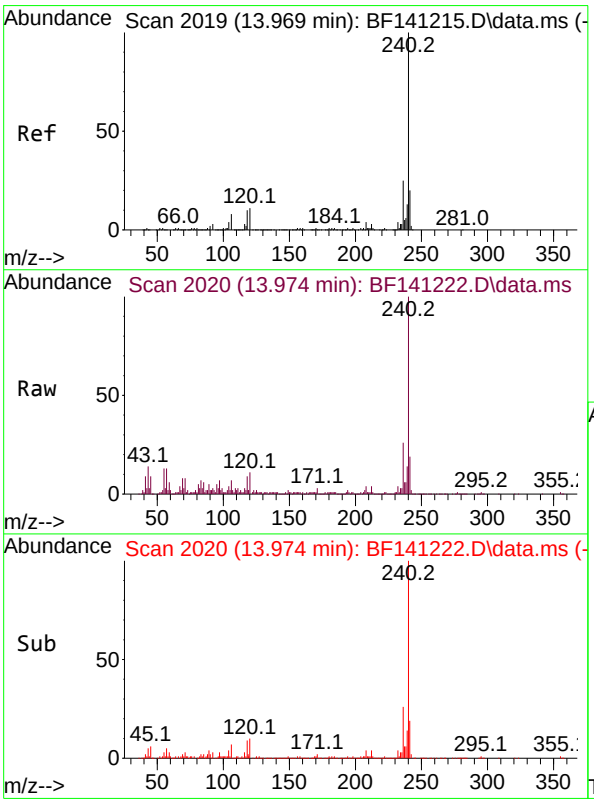
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:188 Resp: 605223

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.3	12.5
80	10.8	9.0	13.4

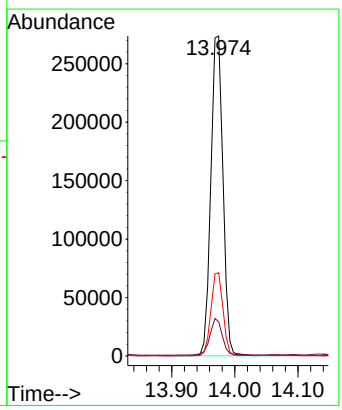


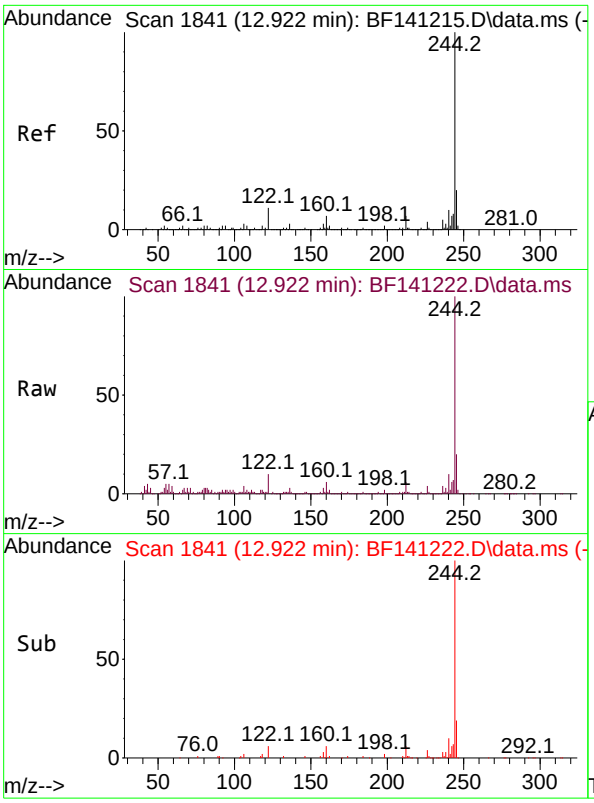


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:240 Resp: 364877

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.1	13.7
236	26.0	19.8	29.6



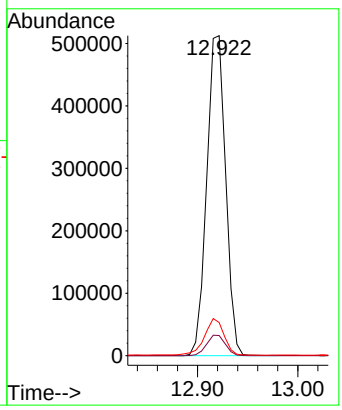


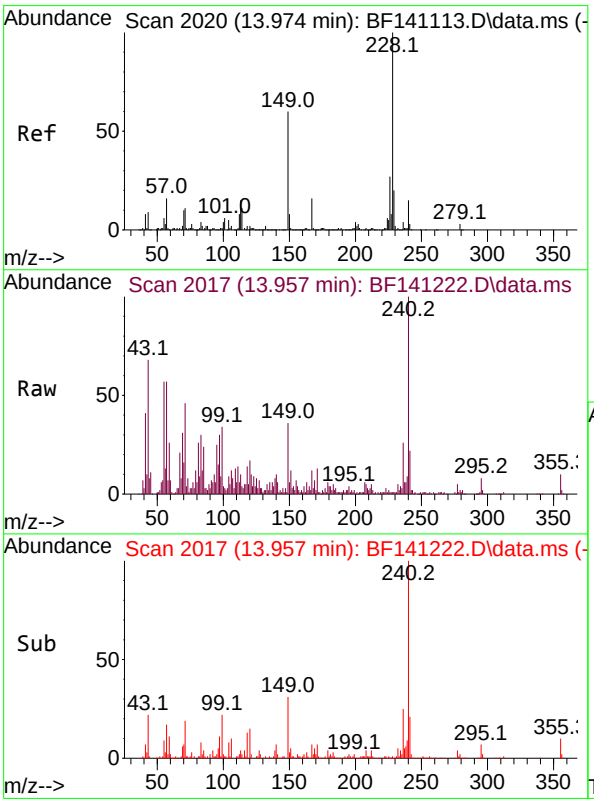
#79
Terphenyl-d14
Concen: 27.400 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:244 Resp: 672655

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	10.4	8.8	13.2

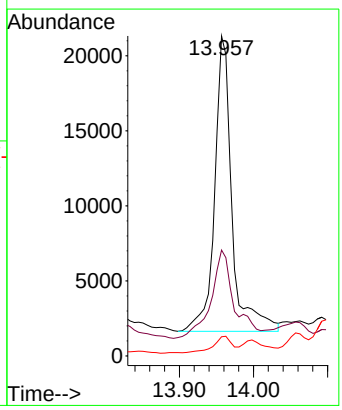


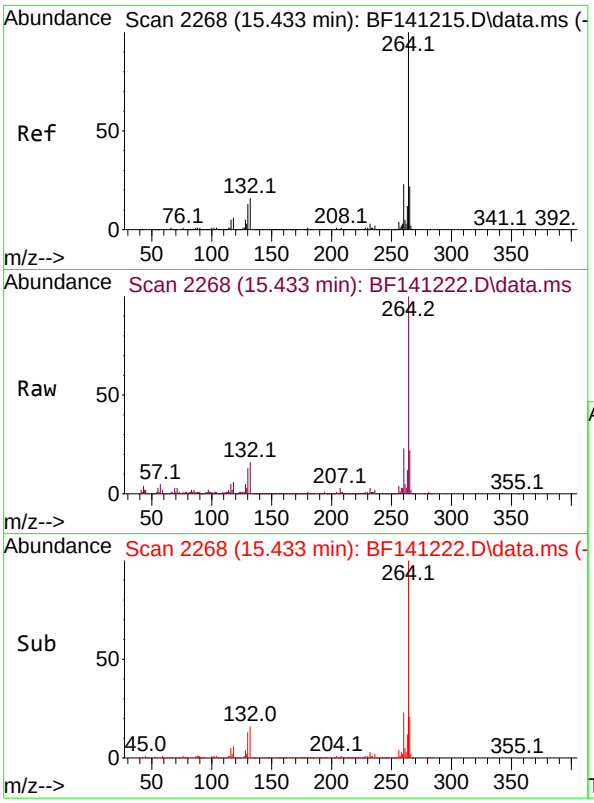


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.291 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Tgt Ion:149 Resp: 31946

Ion	Ratio	Lower	Upper
149	100		
167	33.1	21.4	32.2#
279	6.0	3.4	5.2#



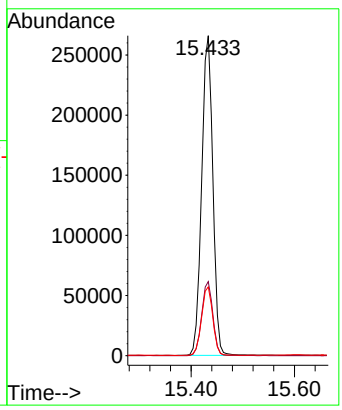


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141222.D
Acq: 20 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
FILTER CAKEDL

Tgt Ion:264 Resp: 398892

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.5	17.4	26.0



CALIBRATION SUMMARY

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: ARAM01

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG No.: Q1119

Instrument ID: BNA_F Calibration Date(s): 01/10/2025 01/10/2025

Calibration Time(s): 11:58 17:45

LAB FILE ID: RRF2.5 = BF141109.D RRF005 = BF141110.D RRF010 = BF141111.D
RRF020 = BF141112.D RRF040 = BF141113.D RRF050 = BF141117.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.579	1.520	1.486	1.360	1.364	1.414	8.3
2-Fluorophenol		1.453	1.400	1.378	1.248	1.236	1.295	9.1
Phenol-d6		1.834	1.773	1.736	1.566	1.569	1.640	8.6
1,4-Dichlorobenzene		1.766	1.653	1.668	1.495	1.495	1.561	8.8
2-Methylphenol		1.209	1.175	1.182	1.088	1.091	1.121	6.0
3+4-Methylphenols		1.631	1.529	1.527	1.375	1.342	1.415	10.9
Nitrobenzene-d5		0.400	0.390	0.394	0.365	0.370	0.377	4.8
Hexachloroethane		0.610	0.591	0.595	0.548	0.551	0.565	6.4
Nitrobenzene		0.419	0.410	0.411	0.377	0.384	0.393	5.2
2,4,6-Trichlorophenol		0.399	0.384	0.412	0.380	0.382	0.387	3.4
2-Fluorobiphenyl		1.582	1.459	1.408	1.225	1.224	1.310	13.4
2,4,5-Trichlorophenol		0.429	0.419	0.418	0.401	0.411	0.409	4.1
2,4-Dinitrotoluene		0.372	0.401	0.423	0.395	0.424	0.402	4.7
2,4,6-Tribromophenol		0.233	0.233	0.235	0.219	0.230	0.228	3.0
Hexachlorobenzene		0.273	0.263	0.266	0.257	0.244	0.256	4.8
Pentachlorophenol		0.142	0.162	0.171	0.173	0.169	0.164	6.6
Terphenyl-d14		1.444	1.424	1.483	1.272	1.280	1.346	8.4

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 10 22:54:19 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141109.D 5 =BF141110.D 10 =BF141111.D 20 =BF141112.D 40 =BF141113.D 50 =BF141117.D 60 =BF141118.D 80 =BF1411
19.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.616	0.596	0.598	0.563	0.573	0.564	0.525	0.577	5.24
3)		Pyridine		1.579	1.520	1.486	1.360	1.364	1.346	1.242	1.414	8.34
4)		n-Nitrosodimet...		0.716	0.715	0.709	0.678	0.688	0.688	0.644	0.691	3.71
5)	S	2-Fluorophenol		1.453	1.400	1.378	1.248	1.236	1.227	1.121	1.295	9.11
6)		Aniline		1.656	1.583	1.561	1.424	1.385	1.360	1.222	1.456	10.39
7)	S	Phenol-d6		1.834	1.773	1.736	1.566	1.569	1.547	1.454	1.640	8.56
8)		2-Chlorophenol		1.561	1.476	1.458	1.345	1.338	1.321	1.225	1.389	8.20
9)		Benzaldehyde		1.215	1.139	1.040	0.849	0.782	0.771		0.966	19.81
10)	C	Phenol		1.943	1.902	1.861	1.701	1.665	1.668	1.548	1.756	8.38
11)		bis(2-Chloroet...		1.445	1.372	1.363	1.256	1.279	1.264	1.178	1.308	6.86
12)		1,3-Dichlorobe...		1.714	1.662	1.648	1.476	1.506	1.466	1.372	1.549	8.14
13)	C	1,4-Dichlorobe...		1.766	1.653	1.668	1.495	1.495	1.480	1.370	1.561	8.81
14)		1,2-Dichlorobe...		1.670	1.579	1.572	1.382	1.388	1.363	1.239	1.456	10.50
15)		Benzyl Alcohol		1.291	1.240	1.244	1.158	1.164	1.144	1.048	1.184	6.85
16)		2,2'-oxybis(1-...		2.046	1.913	1.939	1.766	1.746	1.730	1.640	1.826	7.82
17)		2-Methylphenol		1.209	1.175	1.182	1.088	1.091	1.077	1.027	1.121	6.00
18)		Hexachloroethane		0.610	0.591	0.595	0.548	0.551	0.550	0.507	0.565	6.35
19)	P	n-Nitroso-di-n...	1.062	1.068	1.011	1.009	0.906	0.915	0.902	0.854	0.966	8.40
20)		3+4-Methylphenols		1.631	1.529	1.527	1.375	1.342	1.319	1.180	1.415	10.93
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.539	0.516	0.507	0.445	0.455	0.449	0.417	0.475	9.43
23)	S	Nitrobenzene-d5		0.400	0.390	0.394	0.365	0.370	0.372	0.349	0.377	4.82
24)		Nitrobenzene		0.419	0.410	0.411	0.377	0.384	0.388	0.364	0.393	5.20
25)		Isophorone		0.692	0.668	0.674	0.617	0.629	0.628	0.605	0.645	5.09
26)	C	2-Nitrophenol		0.161	0.173	0.190	0.178	0.184	0.187	0.179	0.179	5.30
27)		2,4-Dimethylph...		0.252	0.244	0.250	0.236	0.239	0.238	0.229	0.241	3.27
28)		bis(2-Chloroet...		0.435	0.419	0.430	0.387	0.393	0.393	0.377	0.405	5.61
29)	C	2,4-Dichloroph...		0.296	0.296	0.300	0.277	0.286	0.284	0.266	0.287	4.31
30)		1,2,4-Trichlor...		0.356	0.344	0.348	0.314	0.317	0.316	0.299	0.328	6.49
31)		Naphthalene		1.178	1.126	1.131	0.998	1.023	0.997	0.929	1.055	8.60
32)		Benzoic acid		0.182	0.211	0.231	0.238	0.251	0.258	0.250	0.231	11.68
33)		4-Chloroaniline		0.397	0.390	0.386	0.345	0.349	0.355	0.331	0.365	7.09
34)	C	Hexachlorobuta...		0.213	0.207	0.208	0.188	0.194	0.191	0.180	0.197	6.17
35)		Caprolactam		0.096	0.092	0.099	0.091	0.094	0.094	0.091	0.094	3.00
36)	C	4-Chloro-3-met...		0.331	0.322	0.327	0.302	0.313	0.307	0.293	0.313	4.39
37)		2-Methylnaphth...		0.751	0.719	0.710	0.638	0.654	0.637	0.595	0.672	8.30
38)		1-Methylnaphth...		0.747	0.712	0.710	0.625	0.635	0.627	0.581	0.662	9.11

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF011025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.632	0.601	0.604	0.554	0.552	0.554	0.520	0.574	6.83
41)	P	Hexachlorocycl...	0.170	0.181	0.201	0.200	0.189	0.191	0.182	0.188	5.74
42)	S	2,4,6-Tribromo...	0.233	0.233	0.235	0.219	0.230	0.226	0.220	0.228	2.96
43)	C	2,4,6-Trichlor...	0.399	0.384	0.412	0.380	0.382	0.377	0.377	0.387	3.37
44)		2,4,5-Trichlor...	0.429	0.419	0.418	0.401	0.411	0.407	0.377	0.409	4.07
45)	S	2-Fluorobiphenyl	1.582	1.459	1.408	1.225	1.224	1.176	1.094	1.310	13.42
46)		1,1'-Biphenyl	1.761	1.671	1.654	1.490	1.491	1.452	1.354	1.553	9.28
47)		2-Chloronaphth...	1.345	1.288	1.273	1.164	1.174	1.145	1.079	1.210	7.78
48)		2-Nitroaniline	0.360	0.358	0.365	0.351	0.365	0.365	0.347	0.359	2.04
49)		Acenaphthylene	1.915	1.820	1.830	1.660	1.678	1.654	1.540	1.728	7.54
50)		Dimethylphthalate	1.447	1.406	1.404	1.299	1.318	1.292	1.232	1.343	5.76
51)		2,6-Dinitrotol...	0.308	0.317	0.328	0.312	0.315	0.312	0.294	0.312	3.27
52)	C	Acenaphthene	1.317	1.267	1.274	1.165	1.185	1.160	1.086	1.208	6.69
53)		3-Nitroaniline	0.321	0.324	0.333	0.316	0.320	0.312	0.295	0.317	3.73
54)	P	2,4-Dinitrophenol		0.097	0.133	0.155	0.168	0.167	0.171	0.148	19.39
55)		Dibenzofuran	1.866	1.736	1.738	1.586	1.585	1.546	1.440	1.642	8.77
56)	P	4-Nitrophenol	0.224	0.241	0.255	0.250	0.264	0.258	0.248	0.248	5.29
57)		2,4-Dinitrotol...	0.372	0.401	0.423	0.395	0.424	0.411	0.390	0.402	4.69
58)		Fluorene	1.488	1.403	1.359	1.197	1.213	1.182	1.091	1.276	11.13
59)		2,3,4,6-Tetrac...	0.353	0.358	0.354	0.332	0.333	0.337	0.313	0.340	4.72
60)		Diethylphthalate	1.416	1.397	1.378	1.253	1.289	1.257	1.186	1.311	6.64
61)		4-Chlorophenyl...	0.709	0.672	0.663	0.594	0.593	0.584	0.540	0.622	9.65
62)		4-Nitroaniline	0.314	0.312	0.315	0.300	0.323	0.315	0.295	0.311	3.12
63)		Azobenzene	1.430	1.363	1.353	1.245	1.264	1.233	1.166	1.293	7.05
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.077	0.095	0.120	0.129	0.130	0.132	0.128	0.116	18.43
66)	c	n-Nitrosodiphe...	0.706	0.677	0.683	0.651	0.603	0.622	0.574	0.645	7.39
67)		4-Bromophenyl-...	0.241	0.237	0.238	0.232	0.220	0.229	0.215	0.230	4.20
68)		Hexachlorobenzene	0.273	0.263	0.266	0.257	0.244	0.252	0.239	0.256	4.81
69)		Atrazine	0.213	0.201	0.170	0.141	0.184	0.169	0.138	0.174	16.26
70)	C	Pentachlorophenol	0.142	0.162	0.171	0.173	0.169	0.171	0.160	0.164	6.59
71)		Phenanthrene	1.218	1.152	1.122	1.064	1.014	1.012	0.935	1.074	8.98
72)		Anthracene	1.162	1.111	1.095	1.042	0.994	0.997	0.908	1.044	8.22
73)		Carbazole	1.052	1.025	1.011	0.944	0.935	0.901	0.833	0.957	8.09
74)		Di-n-butylphth...	1.186	1.177	1.139	1.087	1.079	1.043	0.958	1.096	7.33
75)	C	Fluoranthene	1.211	1.188	1.104	1.037	1.051	0.987	0.923	1.071	9.70
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.380	0.309	0.310	0.409	0.340	0.418	0.430	0.371	13.83
78)		Pyrene	1.952	1.977	2.081	1.848	1.839	1.955	1.720	1.910	6.14
79)	S	Terphenyl-d14	1.444	1.424	1.483	1.272	1.280	1.352	1.164	1.346	8.44
80)		Butylbenzylpht...	0.583	0.629	0.663	0.614	0.677	0.669	0.623	0.637	5.39
81)		Benzo(a)anthra...	1.473	1.420	1.427	1.245	1.329	1.367	1.266	1.361	6.28
82)		3,3'-Dichlorob...	0.434	0.422	0.444	0.418	0.426	0.441	0.448	0.433	2.72
83)		Chrysene	1.382	1.316	1.336	1.207	1.237	1.238	1.200	1.274	5.54
84)		Bis(2-ethylhex...	0.734	0.768	0.807	0.726	0.819	0.783	0.712	0.764	5.41
85)	c	Di-n-octyl pht...	0.950	1.039	1.169	1.151	1.235	1.244	1.291	1.154	10.51

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF011025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.472	1.420	1.558	1.472	1.421	1.539	1.374	1.465	4.55
88)		Benzo(b)fluora...	1.461	1.415	1.290	1.201	1.315	1.191	1.156	1.290	9.03
89)		Benzo(k)fluora...	1.128	1.102	1.141	1.043	1.038	1.103	1.074	1.090	3.67
90)	C	Benzo(a)pyrene	1.103	1.090	1.095	1.039	1.048	1.067	1.007	1.064	3.29
91)		Dibenzo(a,h)an...	1.174	1.178	1.262	1.197	1.150	1.247	1.088	1.185	4.95
92)		Benzo(g,h,i)pe...	1.256	1.221	1.347	1.263	1.195	1.296	1.051	1.233	7.65

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141109.D
Acq On : 10 Jan 2025 11:58
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 10 22:17:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	168291	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	666433	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	361428	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	653596	20.000	ng	0.00
76) Chrysene-d12	13.986	240	377428	20.000	ng	0.00
86) Perylene-d12	15.468	264	355792	20.000	ng	0.03
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...	7.222	70	22337	2.748	ng	98

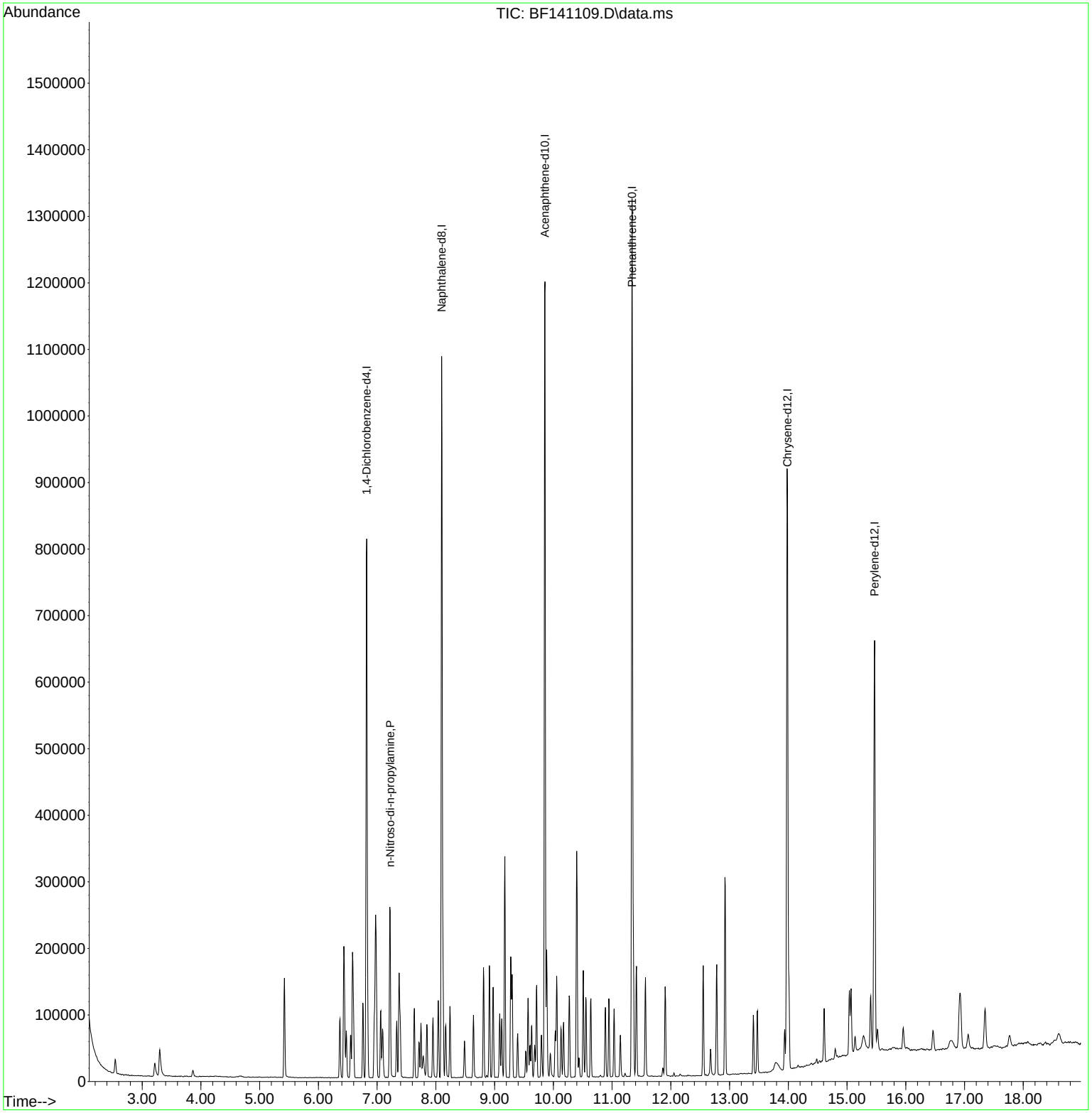
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141109.D
Acq On : 10 Jan 2025 11:58
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 10 22:17:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141110.D
Acq On : 10 Jan 2025 12:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 10 22:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	153416	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	614947	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	332087	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	581741	20.000	ng		0.00
76) Chrysene-d12	13.986	240	370828	20.000	ng		0.00
86) Perylene-d12	15.463	264	306986	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	111466	11.224	ng		0.00
7) Phenol-d6	6.434	99	140674	11.182	ng		-0.01
23) Nitrobenzene-d5	7.375	82	123133	10.614	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	38615	10.205	ng		-0.01
45) 2-Fluorobiphenyl	9.175	172	262701	12.080	ng		0.00
79) Terphenyl-d14	12.927	244	267821	10.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	23641	5.346	ng		98
3) Pyridine	3.281	79	60557	5.584	ng		99
4) n-Nitrosodimethylamine	3.205	42	27465	5.179	ng	#	99
6) Aniline	6.475	93	63517	5.687	ng		100
8) 2-Chlorophenol	6.598	128	59870	5.619	ng		98
9) Benzaldehyde	6.369	77	46588	6.629	ng		97
10) Phenol	6.446	94	74522	5.534	ng		98
11) bis(2-Chloroethyl)ether	6.551	93	55432	5.523	ng		97
12) 1,3-Dichlorobenzene	6.757	146	65753	5.533	ng		99
13) 1,4-Dichlorobenzene	6.840	146	67741	5.657	ng		98
14) 1,2-Dichlorobenzene	6.987	146	64051	5.734	ng		98
15) Benzyl Alcohol	6.951	79	49532	5.452	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	78464	5.603	ng		99
17) 2-Methylphenol	7.063	107	46377	5.391	ng		98
18) Hexachloroethane	7.334	117	23414	5.407	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	40948	5.526	ng		99
20) 3+4-Methylphenols	7.216	107	62539	5.763	ng	#	84
22) Acetophenone	7.222	105	82845	5.667	ng		99
24) Nitrobenzene	7.393	77	64399	5.326	ng		97
25) Isophorone	7.634	82	106336	5.364	ng		100
26) 2-Nitrophenol	7.716	139	24814	4.512	ng		95
27) 2,4-Dimethylphenol	7.745	122	38719	5.219	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	66840	5.372	ng		97
29) 2,4-Dichlorophenol	7.951	162	45561	5.171	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	54712	5.433	ng		99
31) Naphthalene	8.122	128	181124	5.585	ng		99
32) Benzoic acid	7.792	122	27905	3.921	ng		98
33) 4-Chloroaniline	8.169	127	61099	5.448	ng		99
34) Hexachlorobutadiene	8.240	225	32815	5.408	ng		99
35) Caprolactam	8.492	113	14819	5.127	ng		95
36) 4-Chloro-3-methylphenol	8.639	107	50853	5.278	ng		98
37) 2-Methylnaphthalene	8.810	142	115532	5.591	ng		98
38) 1-Methylnaphthalene	8.910	142	114809	5.637	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	52480	5.506	ng		100
41) Hexachlorocyclopentadiene	8.969	237	14138	4.534	ng		99
43) 2,4,6-Trichlorophenol	9.087	196	33100	5.149	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141110.D
Acq On : 10 Jan 2025 12:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 10 22:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	35605	5.244	ng	99
46) 1,1'-Biphenyl	9.275	154	146178	5.668	ng	99
47) 2-Chloronaphthalene	9.298	162	111654	5.559	ng	99
48) 2-Nitroaniline	9.392	65	29900	5.021	ng	93
49) Acenaphthylene	9.716	152	159028	5.541	ng	98
50) Dimethylphthalate	9.569	163	120152	5.389	ng	100
51) 2,6-Dinitrotoluene	9.634	165	25553	4.929	ng	93
52) Acenaphthene	9.886	154	109318	5.452	ng	98
53) 3-Nitroaniline	9.798	138	26650	5.058	ng	96
55) Dibenzofuran	10.057	168	154910	5.680	ng	98
56) 4-Nitrophenol	9.951	139	18587	4.505	ng	98
57) 2,4-Dinitrotoluene	10.034	165	30860	4.619	ng	94
58) Fluorene	10.404	166	123503	5.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	29338	5.199	ng	98
60) Diethylphthalate	10.275	149	117549	5.401	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	58845	5.698	ng	99
62) 4-Nitroaniline	10.404	138	26092	5.060	ng	98
63) Azobenzene	10.557	77	118725	5.528	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	11249	3.337	ng	95
66) n-Nitrosodiphenylamine	10.510	169	102664	5.471	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	35042	5.232	ng	99
68) Hexachlorobenzene	10.951	284	39756	5.332	ng	98
69) Atrazine	11.033	200	30974	6.131	ng	96
70) Pentachlorophenol	11.139	266	20711	4.338	ng	94
71) Phenanthrene	11.363	178	177095	5.670	ng	98
72) Anthracene	11.416	178	168968	5.564	ng	98
73) Carbazole	11.569	167	153065	5.497	ng	99
74) Di-n-butylphthalate	11.904	149	172526	5.414	ng	99
75) Fluoranthene	12.551	202	176105	5.650	ng	100
77) Benzidine	12.680	184	35213	5.121	ng	98
78) Pyrene	12.780	202	180982	5.110	ng	99
80) Butylbenzylphthalate	13.410	149	54011	4.574	ng	96
81) Benzo(a)anthracene	13.974	228	136580	5.412	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	40239	5.007	ng	100
83) Chrysene	14.010	228	128102	5.425	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	68031	4.801	ng	99
85) Di-n-octyl phthalate	14.604	149	88039	4.115	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	113009	5.025	ng	99
88) Benzo(b)fluoranthene	15.033	252	112121	5.664	ng	99
89) Benzo(k)fluoranthene	15.063	252	86565	5.175	ng	98
90) Benzo(a)pyrene	15.398	252	84656	5.183	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	90084	4.952	ng	98
92) Benzo(g,h,i)perylene	17.345	276	96418	5.096	ng	100

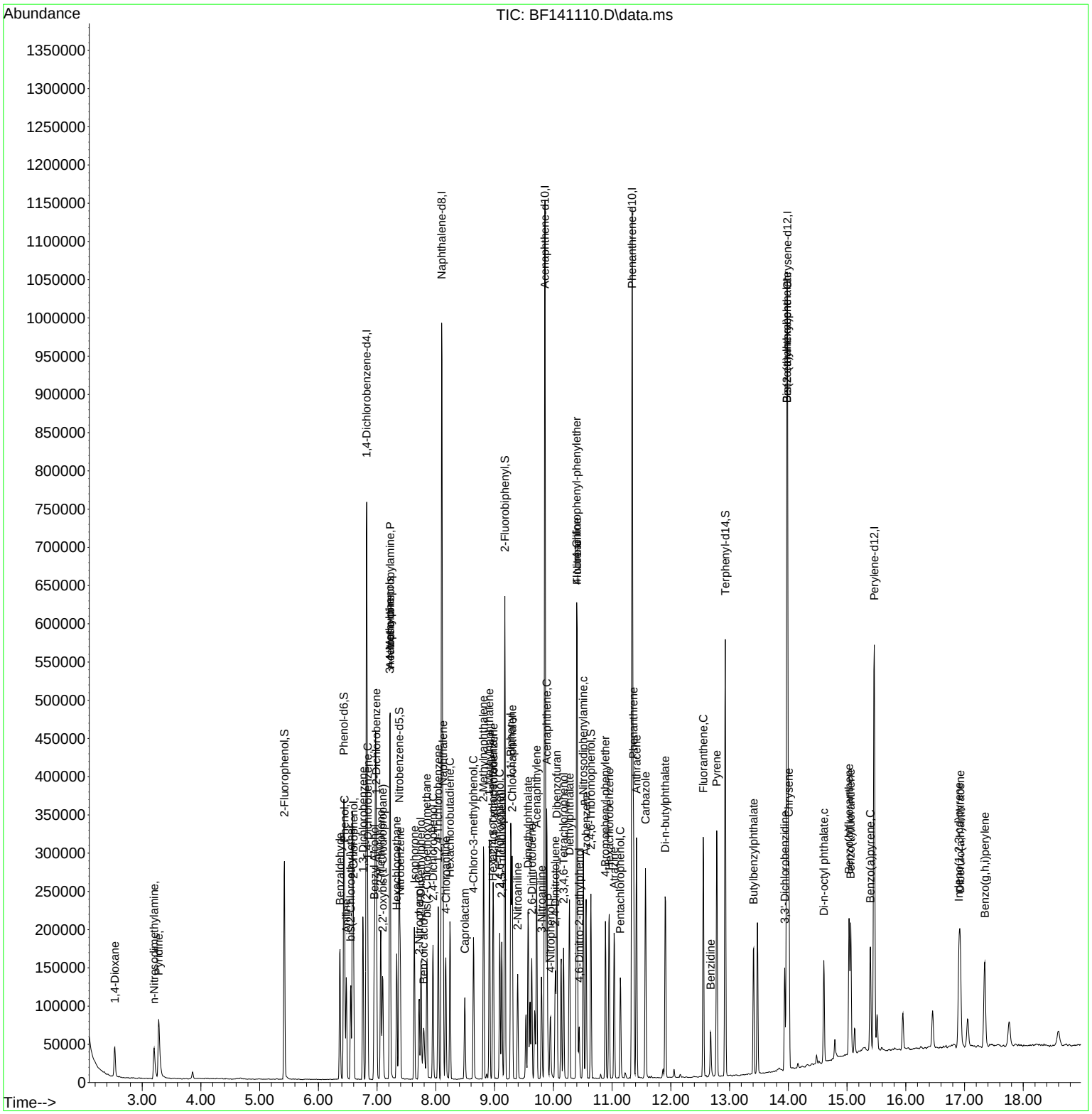
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141110.D
Acq On : 10 Jan 2025 12:25
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 10 22:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141111.D
Acq On : 10 Jan 2025 13:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 10 22:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	152818	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	604478	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	323407	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	565570	20.000	ng		0.00
76) Chrysene-d12	13.986	240	345946	20.000	ng		0.00
86) Perylene-d12	15.463	264	298779	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	213934	21.626	ng		0.00
7) Phenol-d6	6.434	99	271016	21.628	ng		-0.01
23) Nitrobenzene-d5	7.375	82	235613	20.662	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	75448	20.474	ng		-0.01
45) 2-Fluorobiphenyl	9.175	172	471901	22.282	ng		0.00
79) Terphenyl-d14	12.927	244	492528	21.161	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	45563	10.343	ng		98
3) Pyridine	3.269	79	116138	10.751	ng		99
4) n-Nitrosodimethylamine	3.199	42	54661	10.348	ng	#	97
6) Aniline	6.475	93	120980	10.874	ng		98
8) 2-Chlorophenol	6.598	128	112757	10.624	ng		100
9) Benzaldehyde	6.369	77	87029	12.433	ng		99
10) Phenol	6.446	94	145362	10.837	ng		99
11) bis(2-Chloroethyl)ether	6.551	93	104839	10.487	ng		99
12) 1,3-Dichlorobenzene	6.757	146	127000	10.729	ng		99
13) 1,4-Dichlorobenzene	6.840	146	126297	10.588	ng		98
14) 1,2-Dichlorobenzene	6.987	146	120656	10.844	ng		99
15) Benzyl Alcohol	6.951	79	94737	10.469	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	146135	10.476	ng		99
17) 2-Methylphenol	7.063	107	89782	10.478	ng		98
18) Hexachloroethane	7.334	117	45125	10.461	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	77270	10.468	ng		98
20) 3+4-Methylphenols	7.216	107	116842	10.809	ng	#	89
22) Acetophenone	7.222	105	155933	10.851	ng		98
24) Nitrobenzene	7.393	77	123929	10.428	ng		98
25) Isophorone	7.634	82	201958	10.363	ng		98
26) 2-Nitrophenol	7.716	139	52430	9.698	ng		99
27) 2,4-Dimethylphenol	7.745	122	73818	10.123	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	126489	10.342	ng		99
29) 2,4-Dichlorophenol	7.951	162	89559	10.341	ng		97
30) 1,2,4-Trichlorobenzene	8.040	180	103848	10.490	ng		100
31) Naphthalene	8.122	128	340302	10.675	ng		99
32) Benzoic acid	7.810	122	63791	9.119	ng		96
33) 4-Chloroaniline	8.169	127	117726	10.679	ng		99
34) Hexachlorobutadiene	8.240	225	62610	10.496	ng		98
35) Caprolactam	8.498	113	27881	9.814	ng		89
36) 4-Chloro-3-methylphenol	8.640	107	97256	10.268	ng		97
37) 2-Methylnaphthalene	8.810	142	217446	10.704	ng		100
38) 1-Methylnaphthalene	8.910	142	215158	10.747	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	97255	10.477	ng		100
41) Hexachlorocyclopentadiene	8.969	237	29312	9.652	ng		98
43) 2,4,6-Trichlorophenol	9.087	196	62070	9.915	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141111.D
Acq On : 10 Jan 2025 13:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 10 22:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

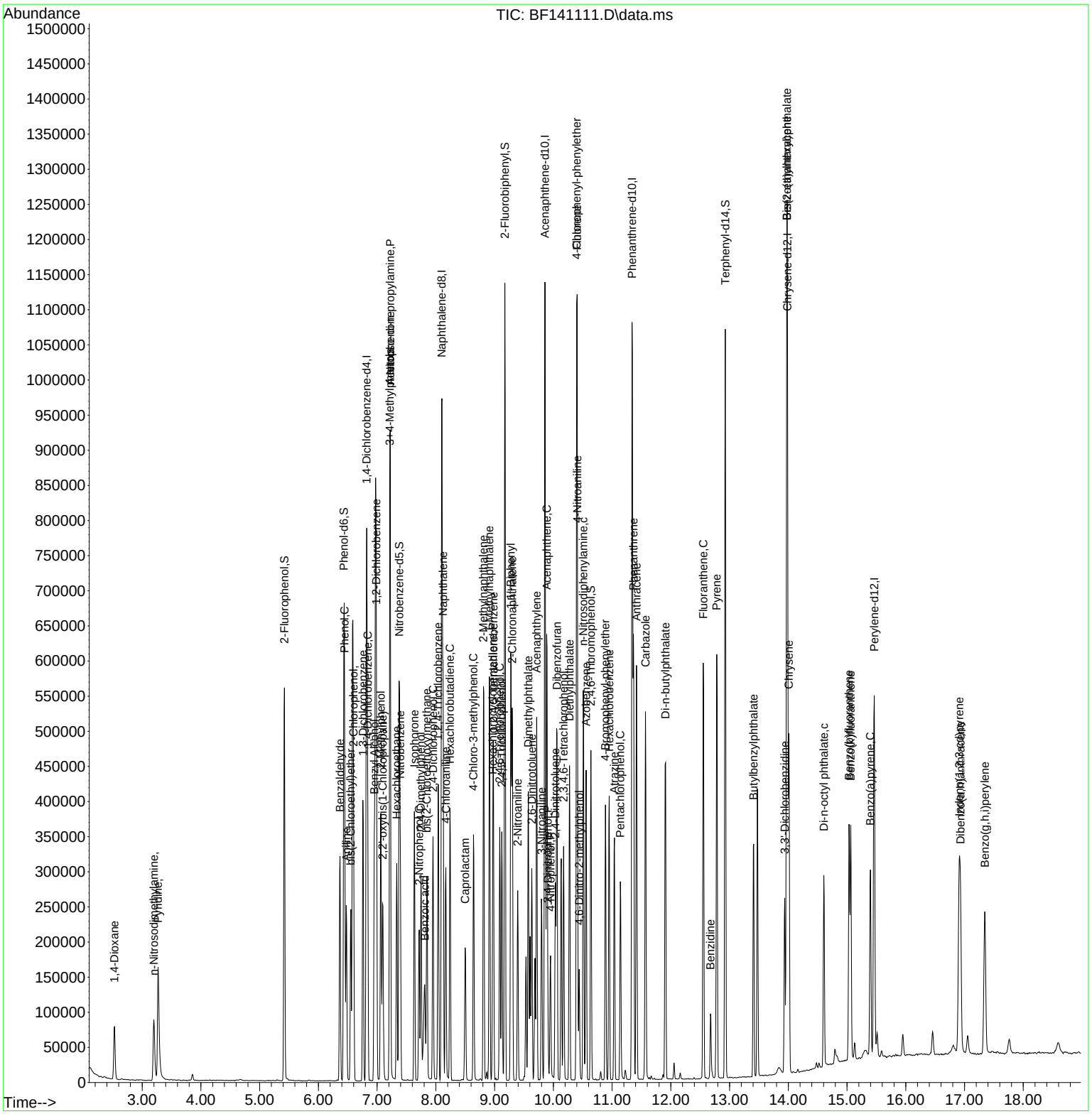
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	67822	10.258	ng		98
46) 1,1'-Biphenyl	9.275	154	270164	10.757	ng		100
47) 2-Chloronaphthalene	9.298	162	208316	10.649	ng		99
48) 2-Nitroaniline	9.392	65	57839	9.974	ng		98
49) Acenaphthylene	9.716	152	294365	10.532	ng		99
50) Dimethylphthalate	9.575	163	227434	10.475	ng		99
51) 2,6-Dinitrotoluene	9.634	165	51195	10.140	ng		96
52) Acenaphthene	9.886	154	204827	10.490	ng		100
53) 3-Nitroaniline	9.798	138	52358	10.205	ng		98
54) 2,4-Dinitrophenol	9.904	184	15639	6.517	ng	#	1
55) Dibenzofuran	10.063	168	280708	10.569	ng		99
56) 4-Nitrophenol	9.951	139	39013	9.709	ng		97
57) 2,4-Dinitrotoluene	10.034	165	64903	9.975	ng		95
58) Fluorene	10.404	166	226791	10.991	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	57812	10.519	ng		97
60) Diethylphthalate	10.275	149	225896	10.657	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	108674	10.806	ng		100
62) 4-Nitroaniline	10.410	138	50381	10.033	ng		97
63) Azobenzene	10.557	77	220351	10.536	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	26799	8.177	ng		95
66) n-Nitrosodiphenylamine	10.510	169	191433	10.494	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	67025	10.293	ng		99
68) Hexachlorobenzene	10.951	284	74450	10.271	ng		99
69) Atrazine	11.039	200	56963	11.597	ng		99
70) Pentachlorophenol	11.139	266	45847	9.877	ng		98
71) Phenanthrene	11.363	178	325737	10.728	ng		98
72) Anthracene	11.416	178	314077	10.638	ng		99
73) Carbazole	11.569	167	289945	10.710	ng		99
74) Di-n-butylphthalate	11.910	149	332734	10.740	ng		99
75) Fluoranthene	12.551	202	335808	11.083	ng		99
77) Benzidine	12.675	184	53526	8.343	ng		99
78) Pyrene	12.780	202	341925	10.348	ng		99
80) Butylbenzylphthalate	13.410	149	108714	9.868	ng		97
81) Benzo(a)anthracene	13.974	228	245554	10.430	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	72963	9.733	ng		100
83) Chrysene	14.010	228	227579	10.331	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	132798	10.047	ng		99
85) Di-n-octyl phthalate	14.604	149	179782	9.007	ng		100
87) Indeno(1,2,3-cd)pyrene	16.910	276	212077	9.689	ng		100
88) Benzo(b)fluoranthene	15.033	252	211401	10.973	ng		99
89) Benzo(k)fluoranthene	15.063	252	164685	10.115	ng		99
90) Benzo(a)pyrene	15.398	252	162844	10.245	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	176005	9.941	ng		97
92) Benzo(g,h,i)perylene	17.345	276	182406	9.905	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141111.D
Acq On : 10 Jan 2025 13:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 10 22:18:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141112.D
Acq On : 10 Jan 2025 14:10
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 10 22:19:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	165025	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	641610	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	342827	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	590333	20.000	ng	0.00
76) Chrysene-d12	13.986	240	312856	20.000	ng	0.00
86) Perylene-d12	15.451	264	318548	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	454711	42.566	ng	0.00
7) Phenol-d6	6.440	99	572898	42.337	ng	0.00
23) Nitrobenzene-d5	7.381	82	505718	41.781	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	161318	41.297	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	965569	43.009	ng	0.00
79) Terphenyl-d14	12.933	244	927987	44.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	98707	20.749	ng	99
3) Pyridine	3.275	79	245303	21.028	ng	99
4) n-Nitrosodimethylamine	3.210	42	117019	20.515	ng	97
6) Aniline	6.481	93	257655	21.446	ng	100
8) 2-Chlorophenol	6.604	128	240612	20.994	ng	97
9) Benzaldehyde	6.369	77	171668	22.710	ng	97
10) Phenol	6.451	94	307174	21.206	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	224939	20.837	ng	99
12) 1,3-Dichlorobenzene	6.763	146	271956	21.275	ng	98
13) 1,4-Dichlorobenzene	6.840	146	275255	21.369	ng	99
14) 1,2-Dichlorobenzene	6.993	146	259444	21.592	ng	96
15) Benzyl Alcohol	6.957	79	205325	21.011	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	319998	21.243	ng	99
17) 2-Methylphenol	7.063	107	195053	21.080	ng	98
18) Hexachloroethane	7.334	117	98162	21.073	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	166563	20.896	ng	99
20) 3+4-Methylphenols	7.216	107	252067	21.593	ng	98
22) Acetophenone	7.228	105	325163	21.318	ng	99
24) Nitrobenzene	7.398	77	263687	20.903	ng	100
25) Isophorone	7.640	82	432580	20.913	ng	99
26) 2-Nitrophenol	7.716	139	121643	21.198	ng	99
27) 2,4-Dimethylphenol	7.751	122	160116	20.686	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	275641	21.233	ng	99
29) 2,4-Dichlorophenol	7.951	162	192733	20.966	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	223082	21.231	ng	99
31) Naphthalene	8.122	128	725773	21.450	ng	99
32) Benzoic acid	7.828	122	147997	19.932	ng	99
33) 4-Chloroaniline	8.169	127	247958	21.190	ng	100
34) Hexachlorobutadiene	8.245	225	133140	21.028	ng	99
35) Caprolactam	8.516	113	63223	20.967	ng	96
36) 4-Chloro-3-methylphenol	8.645	107	209656	20.854	ng	99
37) 2-Methylnaphthalene	8.816	142	455728	21.136	ng	100
38) 1-Methylnaphthalene	8.916	142	455467	21.434	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	207159	21.053	ng	99
41) Hexachlorocyclopentadiene	8.969	237	68830	21.381	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	141110	21.263	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141112.D
Acq On : 10 Jan 2025 14:10
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 10 22:19:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	143420	20.463	ng		98
46) 1,1'-Biphenyl	9.281	154	566930	21.294	ng		99
47) 2-Chloronaphthalene	9.304	162	436413	21.045	ng		99
48) 2-Nitroaniline	9.392	65	125270	20.379	ng		96
49) Acenaphthylene	9.716	152	627543	21.182	ng		99
50) Dimethylphthalate	9.575	163	481191	20.907	ng		100
51) 2,6-Dinitrotoluene	9.639	165	112600	21.038	ng		99
52) Acenaphthene	9.892	154	436615	21.094	ng		99
53) 3-Nitroaniline	9.804	138	114181	20.994	ng		98
54) 2,4-Dinitrophenol	9.910	184	45746	17.982	ng	#	72
55) Dibenzofuran	10.063	168	595943	21.167	ng		99
56) 4-Nitrophenol	9.951	139	87361	20.509	ng		96
57) 2,4-Dinitrotoluene	10.039	165	145002	21.023	ng		98
58) Fluorene	10.404	166	465998	21.305	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	121311	20.823	ng		99
60) Diethylphthalate	10.281	149	472480	21.028	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	227252	21.317	ng		99
62) 4-Nitroaniline	10.410	138	108089	20.305	ng		98
63) Azobenzene	10.557	77	463688	20.915	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	70598	20.638	ng		99
66) n-Nitrosodiphenylamine	10.516	169	403436	21.188	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	140672	20.698	ng		98
68) Hexachlorobenzene	10.951	284	156770	20.721	ng		99
69) Atrazine	11.039	200	100524	19.607	ng		100
70) Pentachlorophenol	11.145	266	100960	20.837	ng		98
71) Phenanthrene	11.369	178	662092	20.891	ng		99
72) Anthracene	11.422	178	646616	20.983	ng		100
73) Carbazole	11.575	167	597025	21.128	ng		99
74) Di-n-butylphthalate	11.910	149	672525	20.797	ng		100
75) Fluoranthene	12.557	202	651977	20.615	ng		99
77) Benzidine	12.680	184	96892	16.701	ng		100
78) Pyrene	12.786	202	651047	21.787	ng		99
80) Butylbenzylphthalate	13.410	149	207563	20.834	ng		98
81) Benzo(a)anthracene	13.974	228	446504	20.971	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	139050	20.510	ng		100
83) Chrysene	14.010	228	417881	20.975	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	252397	21.114	ng		99
85) Di-n-octyl phthalate	14.598	149	365598	20.253	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	496449	21.272	ng		100
88) Benzo(b)fluoranthene	15.027	252	410817	20.000	ng		99
89) Benzo(k)fluoranthene	15.051	252	363482	20.939	ng		98
90) Benzo(a)pyrene	15.386	252	348882	20.586	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	401882	21.291	ng		99
92) Benzo(g,h,i)perylene	17.339	276	429242	21.863	ng		100

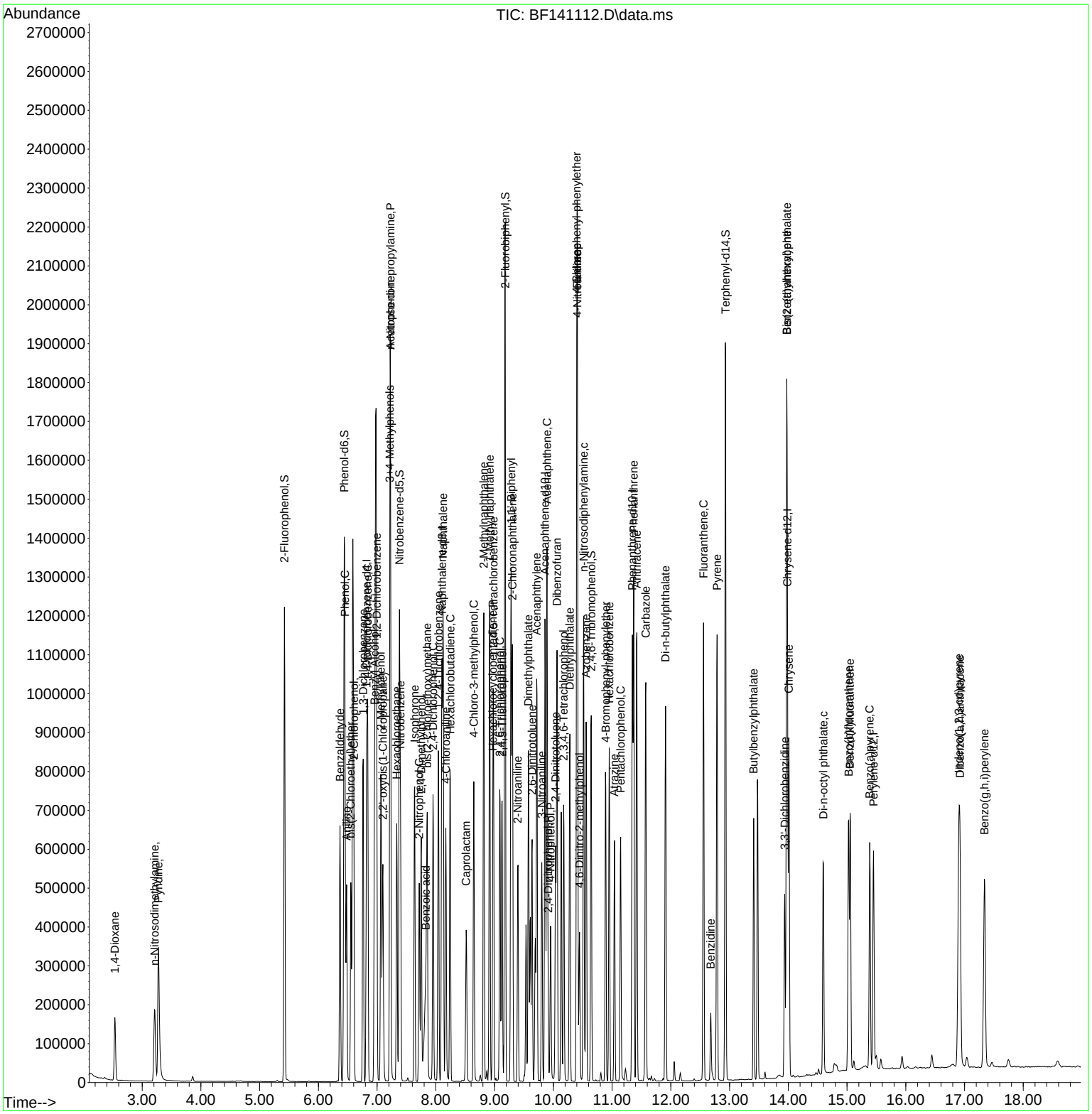
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141112.D
Acq On : 10 Jan 2025 14:10
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 10 22:19:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141113.D
Acq On : 10 Jan 2025 14:36
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 10 22:20:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	178652	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695197	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	363903	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	589244	20.000	ng	0.00
76) Chrysene-d12	13.986	240	328095	20.000	ng	0.00
86) Perylene-d12	15.439	264	356368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	891763	77.111	ng	0.00
7) Phenol-d6	6.445	99	1118731	76.368	ng	0.00
23) Nitrobenzene-d5	7.387	82	1015102	77.401	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	318067	76.709	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1782936	74.817	ng	0.00
79) Terphenyl-d14	12.933	244	1669190	75.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	201329	39.093	ng	100
3) Pyridine	3.281	79	486021	38.485	ng	100
4) n-Nitrosodimethylamine	3.228	42	242419	39.258	ng	100
6) Aniline	6.487	93	508897	39.127	ng	100
8) 2-Chlorophenol	6.604	128	480497	38.726	ng	100
9) Benzaldehyde	6.369	77	303180	37.048	ng	100
10) Phenol	6.463	94	607714	38.754	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	448899	38.412	ng	100
12) 1,3-Dichlorobenzene	6.763	146	527365	38.109	ng	100
13) 1,4-Dichlorobenzene	6.840	146	534324	38.317	ng	100
14) 1,2-Dichlorobenzene	6.992	146	493883	37.968	ng	100
15) Benzyl Alcohol	6.963	79	413856	39.120	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	630969	38.691	ng	100
17) 2-Methylphenol	7.069	107	388877	38.821	ng	100
18) Hexachloroethane	7.334	117	195745	38.816	ng	100
19) n-Nitroso-di-n-propyla...	7.234	70	323787	37.522	ng	100
20) 3+4-Methylphenols	7.222	107	491194	38.868	ng	100
22) Acetophenone	7.234	105	618403	37.419	ng	100
24) Nitrobenzene	7.404	77	524255	38.355	ng	100
25) Isophorone	7.640	82	857957	38.280	ng	100
26) 2-Nitrophenol	7.722	139	247962	39.881	ng	100
27) 2,4-Dimethylphenol	7.751	122	328632	39.185	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	537705	38.228	ng	100
29) 2,4-Dichlorophenol	7.957	162	385578	38.711	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	435914	38.288	ng	100
31) Naphthalene	8.128	128	1388249	37.866	ng	100
32) Benzoic acid	7.857	122	330807	41.119	ng	100
33) 4-Chloroaniline	8.175	127	479132	37.789	ng	100
34) Hexachlorobutadiene	8.245	225	261671	38.143	ng	100
35) Caprolactam	8.545	113	126481	38.712	ng	100
36) 4-Chloro-3-methylphenol	8.651	107	420106	38.566	ng	100
37) 2-Methylnaphthalene	8.816	142	887132	37.973	ng	100
38) 1-Methylnaphthalene	8.916	142	868573	37.724	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	403442	38.626	ng	100
41) Hexachlorocyclopentadiene	8.969	237	145258	42.508	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	276355	39.231	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141113.D
Acq On : 10 Jan 2025 14:36
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 10 22:20:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	291660	39.203	ng	100
46) 1,1'-Biphenyl	9.281	154	1084649	38.380	ng	100
47) 2-Chloronaphthalene	9.304	162	847410	38.499	ng	100
48) 2-Nitroaniline	9.398	65	255218	39.114	ng	100
49) Acenaphthylene	9.722	152	1207984	38.412	ng	100
50) Dimethylphthalate	9.581	163	945319	38.695	ng	100
51) 2,6-Dinitrotoluene	9.645	165	226979	39.953	ng	100
52) Acenaphthene	9.892	154	847617	38.579	ng	100
53) 3-Nitroaniline	9.810	138	229868	39.816	ng	100
54) 2,4-Dinitrophenol	9.916	184	113135	41.896	ng	100
55) Dibenzofuran	10.063	168	1154072	38.617	ng	100
56) 4-Nitrophenol	9.963	139	181889	40.228	ng	100
57) 2,4-Dinitrotoluene	10.045	165	287835	39.314	ng	100
58) Fluorene	10.410	166	870839	37.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	241313	39.022	ng	100
60) Diethylphthalate	10.281	149	912032	38.240	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	431993	38.175	ng	100
62) 4-Nitroaniline	10.422	138	218358	38.644	ng	100
63) Azobenzene	10.563	77	905963	38.497	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	152510	44.665	ng	100
66) n-Nitrosodiphenylamine	10.522	169	766755	40.343	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	273038	40.247	ng	100
68) Hexachlorobenzene	10.957	284	303316	40.165	ng	100
69) Atrazine	11.045	200	166125	32.462	ng	100
70) Pentachlorophenol	11.145	266	204286	42.241	ng	100
71) Phenanthrene	11.369	178	1254420	39.653	ng	100
72) Anthracene	11.422	178	1227926	39.920	ng	100
73) Carbazole	11.575	167	1112672	39.450	ng	100
74) Di-n-butylphthalate	11.910	149	1280428	39.669	ng	100
75) Fluoranthene	12.557	202	1222253	38.718	ng	100
77) Benzidine	12.680	184	268331	44.102	ng	100
78) Pyrene	12.786	202	1212637	38.696	ng	100
80) Butylbenzylphthalate	13.410	149	403087	38.580	ng	100
81) Benzo(a)anthracene	13.974	228	817209	36.599	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	274265	38.575	ng	100
83) Chrysene	14.016	228	791711	37.894	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	476500	38.010	ng	100
85) Di-n-octyl phthalate	14.586	149	755449	39.906	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1049124	40.183	ng	100
88) Benzo(b)fluoranthene	15.021	252	855723	37.238	ng	100
89) Benzo(k)fluoranthene	15.051	252	743248	38.272	ng	100
90) Benzo(a)pyrene	15.380	252	740229	39.043	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	852935	40.391	ng	100
92) Benzo(g,h,i)perylene	17.339	276	900014	40.976	ng	100

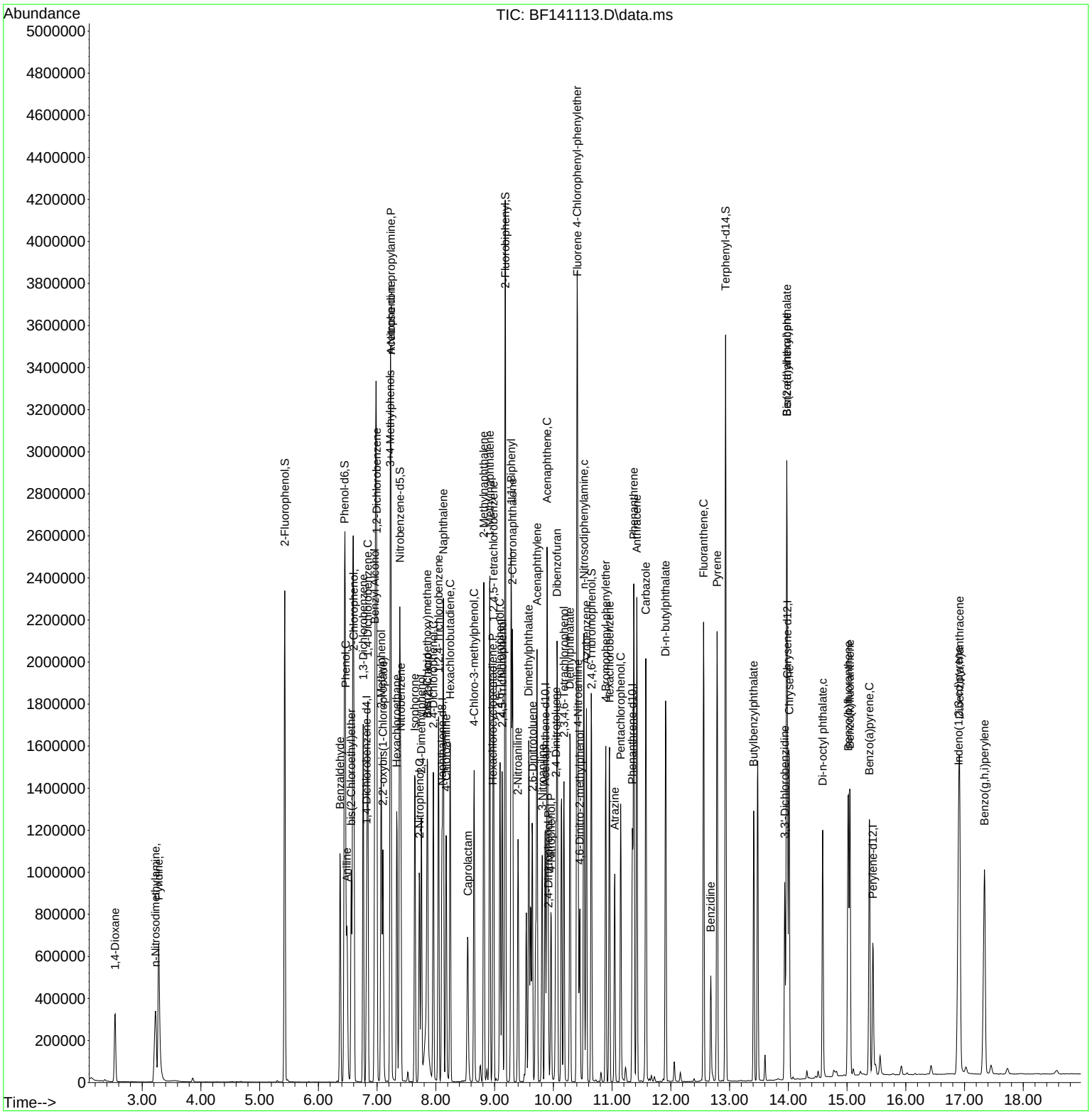
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141113.D
Acq On : 10 Jan 2025 14:36
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 10 22:20:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141117.D
Acq On : 10 Jan 2025 16:53
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 10 22:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	163037	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	625072	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	333513	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	593257	20.000	ng		0.00
76) Chrysene-d12	13.998	240	341879	20.000	ng		0.01
86) Perylene-d12	15.468	264	333662	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1007728	95.484	ng		0.00
7) Phenol-d6	6.445	99	1279370	95.699	ng		0.00
23) Nitrobenzene-d5	7.386	82	1156878	98.108	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	383942	101.033	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	2040487	93.427	ng		0.00
79) Terphenyl-d14	12.939	244	2188278	95.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	233484	49.679	ng		98
3) Pyridine	3.287	79	555795	48.225	ng		98
4) n-Nitrosodimethylamine	3.240	42	280365	49.752	ng		98
6) Aniline	6.487	93	564714	47.577	ng		99
8) 2-Chlorophenol	6.604	128	545244	48.153	ng		99
9) Benzaldehyde	6.369	77	318659	42.669	ng		100
10) Phenol	6.463	94	678615	47.420	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	521191	48.869	ng		98
12) 1,3-Dichlorobenzene	6.763	146	613813	48.605	ng		99
13) 1,4-Dichlorobenzene	6.839	146	609332	47.881	ng		99
14) 1,2-Dichlorobenzene	6.992	146	565717	47.656	ng		99
15) Benzyl Alcohol	6.963	79	474583	49.156	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	711735	47.824	ng		100
17) 2-Methylphenol	7.069	107	444678	48.644	ng		100
18) Hexachloroethane	7.334	117	224751	48.837	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	373068	47.373	ng		98
20) 3+4-Methylphenols	7.228	107	546998	47.429	ng	#	85
22) Acetophenone	7.234	105	711333	47.871	ng		98
24) Nitrobenzene	7.404	77	599817	48.807	ng		99
25) Isophorone	7.645	82	982492	48.754	ng		99
26) 2-Nitrophenol	7.722	139	287436	51.416	ng		99
27) 2,4-Dimethylphenol	7.751	122	374236	49.629	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	614567	48.594	ng		99
29) 2,4-Dichlorophenol	7.957	162	447208	49.935	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	495397	48.394	ng		99
31) Naphthalene	8.128	128	1598576	48.495	ng		100
32) Benzoic acid	7.869	122	391608	54.138	ng		98
33) 4-Chloroaniline	8.175	127	544930	47.801	ng		99
34) Hexachlorobutadiene	8.245	225	302873	49.102	ng		99
35) Caprolactam	8.545	113	146669m	49.927	ng		
36) 4-Chloro-3-methylphenol	8.651	107	488345	49.859	ng		99
37) 2-Methylnaphthalene	8.816	142	1021264	48.619	ng		98
38) 1-Methylnaphthalene	8.916	142	992651	47.950	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	460261	48.082	ng		99
41) Hexachlorocyclopentadiene	8.969	237	157828	50.395	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	318276	49.299	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141117.D
Acq On : 10 Jan 2025 16:53
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 10 22:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

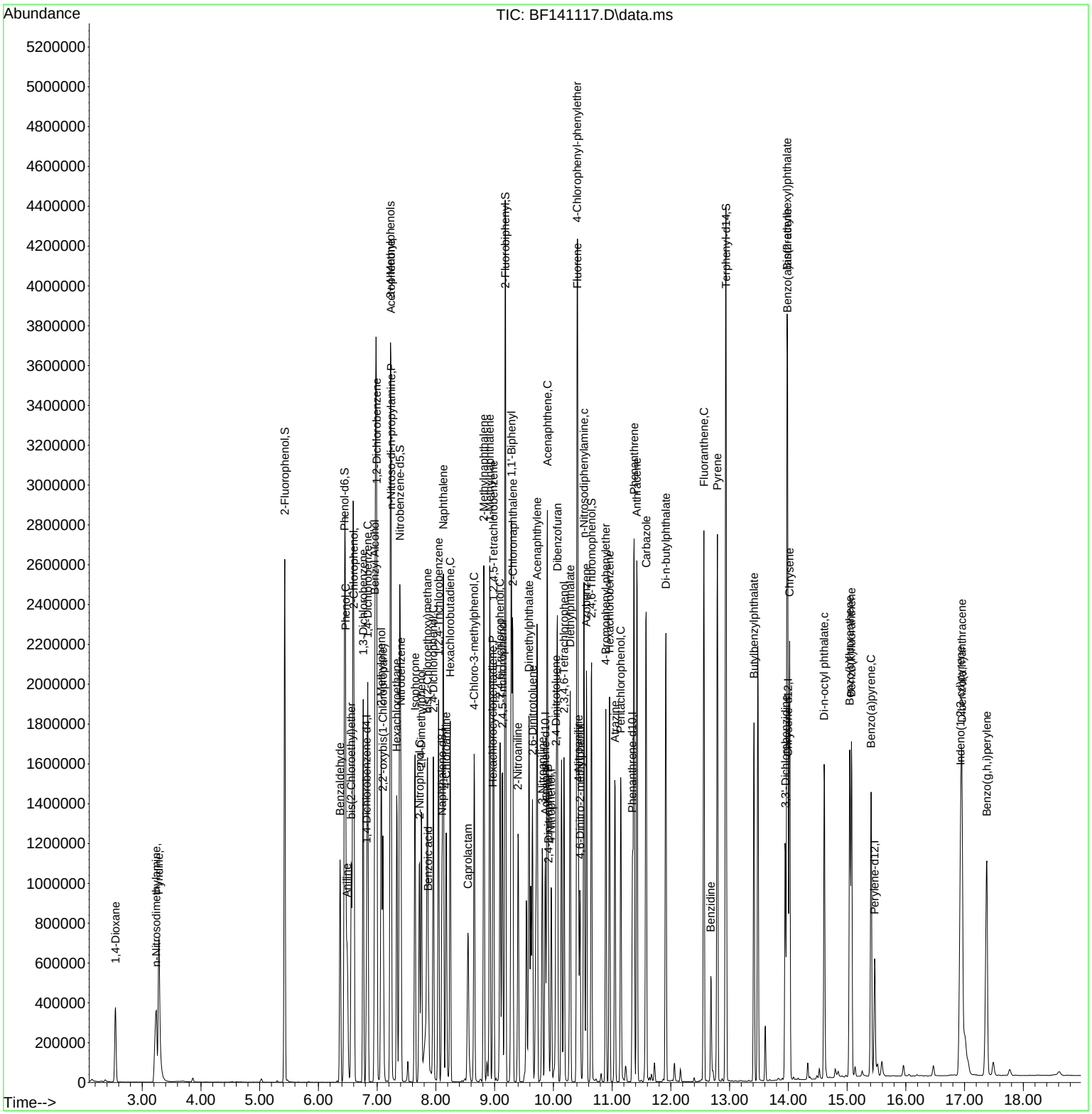
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	342288	50.201	ng		98
46) 1,1'-Biphenyl	9.286	154	1243305	48.003	ng		99
47) 2-Chloronaphthalene	9.310	162	979002	48.530	ng		99
48) 2-Nitroaniline	9.398	65	304048	50.844	ng		96
49) Acenaphthylene	9.722	152	1398990	48.539	ng		100
50) Dimethylphthalate	9.586	163	1098805	49.076	ng		100
51) 2,6-Dinitrotoluene	9.645	165	262596	50.434	ng		96
52) Acenaphthene	9.898	154	988008	49.066	ng		99
53) 3-Nitroaniline	9.810	138	266881	50.440	ng		97
54) 2,4-Dinitrophenol	9.916	184	139903	56.530	ng	#	86
55) Dibenzofuran	10.069	168	1321844	48.261	ng		100
56) 4-Nitrophenol	9.963	139	220382	53.183	ng		95
57) 2,4-Dinitrotoluene	10.045	165	353808	52.728	ng		97
58) Fluorene	10.410	166	1011650	47.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	277818	49.019	ng		98
60) Diethylphthalate	10.286	149	1074789	49.171	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	494329	47.665	ng		97
62) 4-Nitroaniline	10.427	138	269415	52.024	ng		98
63) Azobenzene	10.563	77	1054277	48.881	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	192136	55.890	ng		95
66) n-Nitrosodiphenylamine	10.522	169	894530	46.748	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	326554	47.810	ng		99
68) Hexachlorobenzene	10.957	284	361542	47.551	ng		99
69) Atrazine	11.051	200	272232	52.837	ng		99
70) Pentachlorophenol	11.145	266	250381	51.422	ng		99
71) Phenanthrene	11.374	178	1503408	47.203	ng		99
72) Anthracene	11.422	178	1473797	47.589	ng		100
73) Carbazole	11.580	167	1386206	48.815	ng		100
74) Di-n-butylphthalate	11.916	149	1600680	49.255	ng		100
75) Fluoranthene	12.563	202	1558556	49.037	ng		99
77) Benzidine	12.680	184	290459	45.814	ng		99
78) Pyrene	12.792	202	1571607	48.129	ng		99
80) Butylbenzylphthalate	13.416	149	578964	53.179	ng		98
81) Benzo(a)anthracene	13.986	228	1136119	48.830	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	364178	49.156	ng		99
83) Chrysene	14.021	228	1057551	48.577	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	700052	53.591	ng		99
85) Di-n-octyl phthalate	14.610	149	1055383	53.503	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1185030	48.477	ng		99
88) Benzo(b)fluoranthene	15.045	252	1096957	50.984	ng		100
89) Benzo(k)fluoranthene	15.074	252	865456	47.598	ng		99
90) Benzo(a)pyrene	15.410	252	874134	49.243	ng		100
91) Dibenzo(a,h)anthracene	16.956	278	959595	48.535	ng		99
92) Benzo(g,h,i)perylene	17.380	276	996659	48.464	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141117.D
Acq On : 10 Jan 2025 16:53
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 10 22:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141118.D
Acq On : 10 Jan 2025 17:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 10 22:23:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	157706	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	600362	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	321522	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	544574	20.000	ng		0.00
76) Chrysene-d12	13.986	240	270448	20.000	ng		0.00
86) Perylene-d12	15.457	264	319464	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1161166	113.741	ng		0.00
7) Phenol-d6	6.451	99	1464294	113.234	ng		0.00
23) Nitrobenzene-d5	7.387	82	1340654	118.372	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	435599	118.901	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2268382	107.735	ng		0.00
79) Terphenyl-d14	12.933	244	2193567	120.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	266794	58.686	ng		100
3) Pyridine	3.275	79	636756	57.117	ng		97
4) n-Nitrosodimethylamine	3.234	42	325634	59.738	ng		99
6) Aniline	6.487	93	643255	56.026	ng		99
8) 2-Chlorophenol	6.604	128	624776	57.043	ng		99
9) Benzaldehyde	6.369	77	364797	50.499	ng		99
10) Phenol	6.463	94	788986	56.996	ng		97
11) bis(2-Chloroethyl)ether	6.563	93	598240	57.990	ng		98
12) 1,3-Dichlorobenzene	6.763	146	693741	56.791	ng		99
13) 1,4-Dichlorobenzene	6.840	146	700356	56.894	ng		99
14) 1,2-Dichlorobenzene	6.993	146	644752	56.150	ng		99
15) Benzyl Alcohol	6.963	79	541420	57.975	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	818728	56.872	ng		99
17) 2-Methylphenol	7.069	107	509763	57.648	ng		99
18) Hexachloroethane	7.334	117	260241	58.460	ng		99
19) n-Nitroso-di-n-propyla...	7.240	70	426961	56.050	ng		99
20) 3+4-Methylphenols	7.228	107	624218	55.954	ng	#	87
22) Acetophenone	7.234	105	809173	56.696	ng	#	97
24) Nitrobenzene	7.404	77	699248	59.239	ng		99
25) Isophorone	7.645	82	1131315	58.450	ng		99
26) 2-Nitrophenol	7.722	139	336551	62.679	ng		99
27) 2,4-Dimethylphenol	7.751	122	429261	59.269	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	708043	58.290	ng		99
29) 2,4-Dichlorophenol	7.957	162	510890	59.394	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	568765	57.848	ng		100
31) Naphthalene	8.128	128	1795916	56.724	ng		100
32) Benzoic acid	7.875	122	465348	66.980	ng		97
33) 4-Chloroaniline	8.175	127	639712	58.424	ng		100
34) Hexachlorobutadiene	8.245	225	344699	58.183	ng		100
35) Caprolactam	8.551	113	168796	59.824	ng		96
36) 4-Chloro-3-methylphenol	8.651	107	552248	58.704	ng		99
37) 2-Methylnaphthalene	8.816	142	1147172	56.860	ng		100
38) 1-Methylnaphthalene	8.916	142	1129604	56.812	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	534399	57.909	ng		100
41) Hexachlorocyclopentadiene	8.969	237	184204	61.011	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	364034	58.489	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141118.D
Acq On : 10 Jan 2025 17:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 10 22:23:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

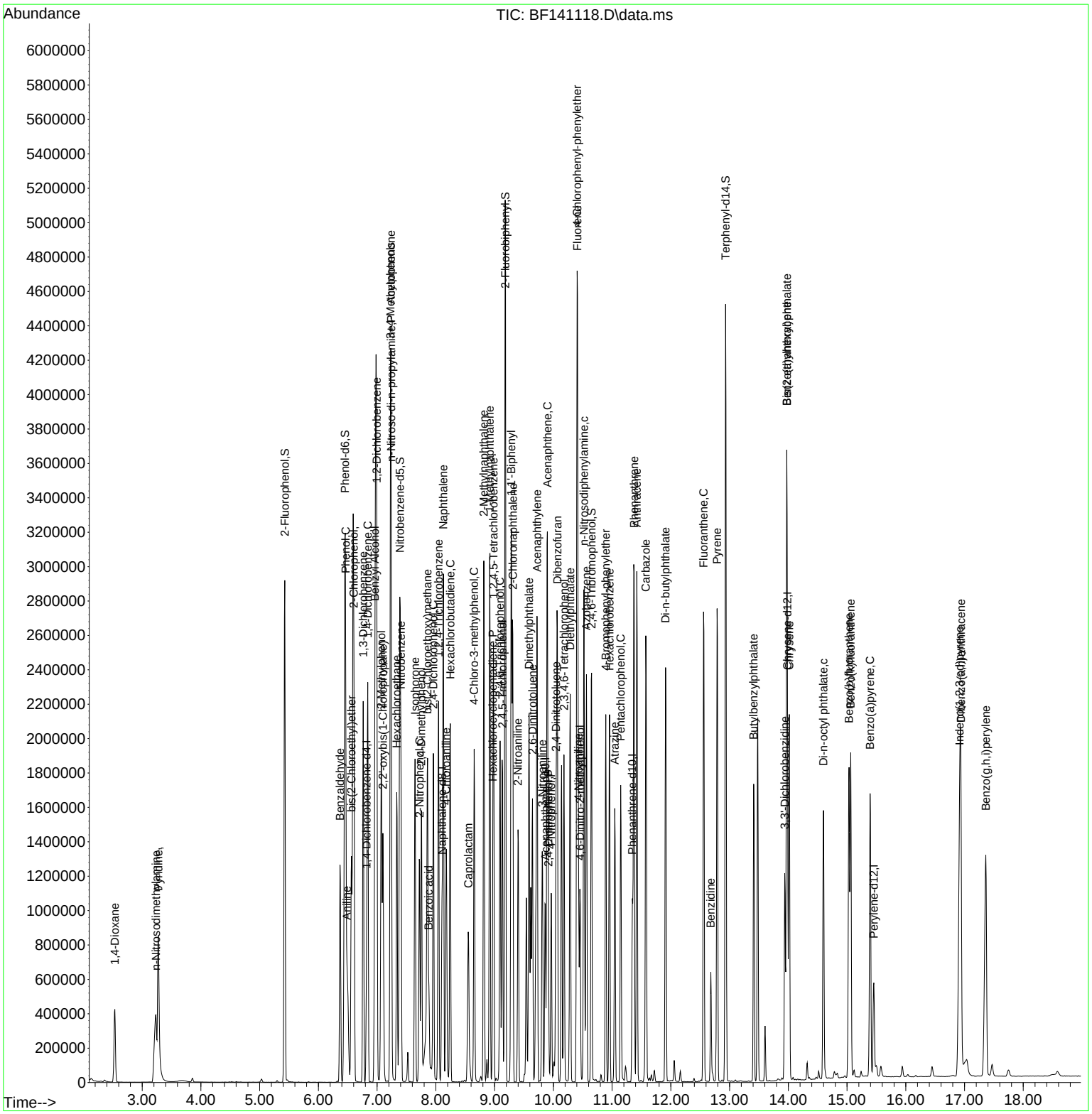
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	392463	59.706	ng	98
46) 1,1'-Biphenyl	9.281	154	1400460	56.087	ng	99
47) 2-Chloronaphthalene	9.310	162	1104069	56.770	ng	99
48) 2-Nitroaniline	9.398	65	351824	61.027	ng	96
49) Acenaphthylene	9.722	152	1595599	57.426	ng	100
50) Dimethylphthalate	9.587	163	1246443	57.746	ng	100
51) 2,6-Dinitrotoluene	9.645	165	300526	59.872	ng	98
52) Acenaphthene	9.898	154	1118880	57.638	ng	99
53) 3-Nitroaniline	9.810	138	301277	59.064	ng	99
54) 2,4-Dinitrophenol	9.916	184	160627	67.324	ng	90
55) Dibenzofuran	10.069	168	1491333	56.480	ng	100
56) 4-Nitrophenol	9.963	139	248603	62.231	ng	99
57) 2,4-Dinitrotoluene	10.045	165	396697	61.325	ng	98
58) Fluorene	10.410	166	1140533	55.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	324822	59.450	ng	99
60) Diethylphthalate	10.286	149	1212103	57.521	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	563117	56.322	ng	99
62) 4-Nitroaniline	10.428	138	303457	60.783	ng	99
63) Azobenzene	10.563	77	1189100	57.188	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	216263	68.532	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1016238	57.856	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	373557	59.581	ng	100
68) Hexachlorobenzene	10.957	284	412239	59.066	ng	99
69) Atrazine	11.045	200	275405	58.231	ng	99
70) Pentachlorophenol	11.145	266	280071	62.662	ng	100
71) Phenanthrene	11.375	178	1652586	56.525	ng	100
72) Anthracene	11.422	178	1628828	57.297	ng	100
73) Carbazole	11.575	167	1471188	56.440	ng	100
74) Di-n-butylphthalate	11.910	149	1703503	57.105	ng	100
75) Fluoranthene	12.557	202	1612262	55.261	ng	100
77) Benzidine	12.680	184	339258	67.645	ng	100
78) Pyrene	12.786	202	1586225	61.407	ng	99
80) Butylbenzylphthalate	13.410	149	542533	62.995	ng	100
81) Benzo(a)anthracene	13.974	228	1109142	60.261	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	357792	61.050	ng	99
83) Chrysene	14.016	228	1004586	58.332	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	635471	61.496	ng	100
85) Di-n-octyl phthalate	14.598	149	1008931	64.657	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	1475298	63.034	ng	99
88) Benzo(b)fluoranthene	15.033	252	1141152	55.395	ng	100
89) Benzo(k)fluoranthene	15.063	252	1057429	60.741	ng	99
90) Benzo(a)pyrene	15.392	252	1022132	60.139	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1195359	63.146	ng	99
92) Benzo(g,h,i)perylene	17.363	276	1241806	63.068	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141118.D
Acq On : 10 Jan 2025 17:19
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 10 22:23:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141119.D
Acq On : 10 Jan 2025 17:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 10 22:24:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	172282	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	648826	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	342460	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	584387	20.000	ng		0.00
76) Chrysene-d12	13.992	240	310879	20.000	ng		0.00
86) Perylene-d12	15.451	264	395988	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1544552	138.495	ng		0.00
7) Phenol-d6	6.457	99	2004230	141.874	ng		0.01
23) Nitrobenzene-d5	7.392	82	1813409	148.154	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	601438	154.132	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2997639	133.666	ng		0.00
79) Terphenyl-d14	12.933	244	2895506	138.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	361586	72.808	ng		100
3) Pyridine	3.287	79	855609	70.255	ng		99
4) n-Nitrosodimethylamine	3.252	42	443709	74.512	ng		99
6) Aniline	6.487	93	842164m	67.145	ng		
8) 2-Chlorophenol	6.610	128	844417	70.573	ng		99
10) Phenol	6.469	94	1067075	70.563	ng		93
11) bis(2-Chloroethyl)ether	6.563	93	811905	72.042	ng		98
12) 1,3-Dichlorobenzene	6.763	146	945224	70.831	ng		99
13) 1,4-Dichlorobenzene	6.840	146	944179	70.211	ng		99
14) 1,2-Dichlorobenzene	6.998	146	854029	68.083	ng		98
15) Benzyl Alcohol	6.969	79	722113	70.781	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1129914	71.848	ng		98
17) 2-Methylphenol	7.075	107	707657	73.257	ng		99
18) Hexachloroethane	7.334	117	349146	71.795	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	588783	70.753	ng		98
20) 3+4-Methylphenols	7.234	107	813265	66.732	ng	#	83
22) Acetophenone	7.239	105	1083059	70.218	ng	#	98
24) Nitrobenzene	7.410	77	943483	73.960	ng		99
25) Isophorone	7.651	82	1571424	75.124	ng		99
26) 2-Nitrophenol	7.722	139	463267	79.834	ng		98
27) 2,4-Dimethylphenol	7.757	122	594544	75.959	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	977334	74.449	ng		100
29) 2,4-Dichlorophenol	7.963	162	689420	74.162	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	776721	73.098	ng		100
31) Naphthalene	8.128	128	2411578	70.480	ng		99
32) Benzoic acid	7.898	122	648810	86.411	ng		98
33) 4-Chloroaniline	8.187	127	860135	72.688	ng		100
34) Hexachlorobutadiene	8.245	225	467194	72.969	ng		99
35) Caprolactam	8.569	113	236127	77.436	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	760692	74.822	ng		99
37) 2-Methylnaphthalene	8.816	142	1544153	70.820	ng		99
38) 1-Methylnaphthalene	8.916	142	1507881	70.172	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	712407	72.478	ng		100
41) Hexachlorocyclopentadiene	8.969	237	249944	77.724	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	516551	77.920	ng		98
44) 2,4,5-Trichlorophenol	9.133	196	516966	73.839	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141119.D
Acq On : 10 Jan 2025 17:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 10 22:24:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	1854615	69.734	ng	99
47) 2-Chloronaphthalene	9.310	162	1478014	71.352	ng	99
48) 2-Nitroaniline	9.404	65	475269	77.400	ng	98
49) Acenaphthylene	9.728	152	2110029	71.297	ng	99
50) Dimethylphthalate	9.592	163	1688321	73.435	ng	100
51) 2,6-Dinitrotoluene	9.651	165	403325	75.439	ng	98
52) Acenaphthene	9.898	154	1487806	71.956	ng	99
53) 3-Nitroaniline	9.816	138	404031	74.366	ng	100
54) 2,4-Dinitrophenol	9.922	184	233623	91.933	ng	96
55) Dibenzofuran	10.069	168	1972541	70.137	ng	99
56) 4-Nitrophenol	9.969	139	339082	79.690	ng	98
57) 2,4-Dinitrotoluene	10.051	165	533647	77.452	ng	98
58) Fluorene	10.410	166	1493903	68.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	428499	73.631	ng	99
60) Diethylphthalate	10.286	149	1624226	72.366	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	739051	69.400	ng	98
62) 4-Nitroaniline	10.433	138	404093	75.992	ng	97
63) Azobenzene	10.563	77	1597886	72.150	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	299726	88.510	ng	98
66) n-Nitrosodiphenylamine	10.522	169	1340718	71.129	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	502690	74.715	ng	100
68) Hexachlorobenzene	10.957	284	557705	74.464	ng	100
69) Atrazine	11.051	200	322778	63.598	ng	100
70) Pentachlorophenol	11.151	266	373762	77.927	ng	99
71) Phenanthrene	11.375	178	2186474	69.691	ng	100
72) Anthracene	11.427	178	2122167	69.565	ng	99
73) Carbazole	11.580	167	1946776	69.597	ng	99
74) Di-n-butylphthalate	11.910	149	2240405	69.986	ng	99
75) Fluoranthene	12.563	202	2156966	68.895	ng	99
77) Benzidine	12.680	184	535121	92.821	ng	99
78) Pyrene	12.792	202	2138910	72.034	ng	99
80) Butylbenzylphthalate	13.410	149	775127	78.297	ng	99
81) Benzo(a)anthracene	13.980	228	1574387	74.414	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	557682	82.781	ng	100
83) Chrysene	14.016	228	1492065	75.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	885991	74.589	ng	99
85) Di-n-octyl phthalate	14.598	149	1604851	89.471	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	2176761	75.032	ng	100
88) Benzo(b)fluoranthene	15.033	252	1830448	71.685	ng	100
89) Benzo(k)fluoranthene	15.063	252	1701343	78.843	ng	99
90) Benzo(a)pyrene	15.398	252	1594959	75.707	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1723136	73.436	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1664293	68.190	ng	99

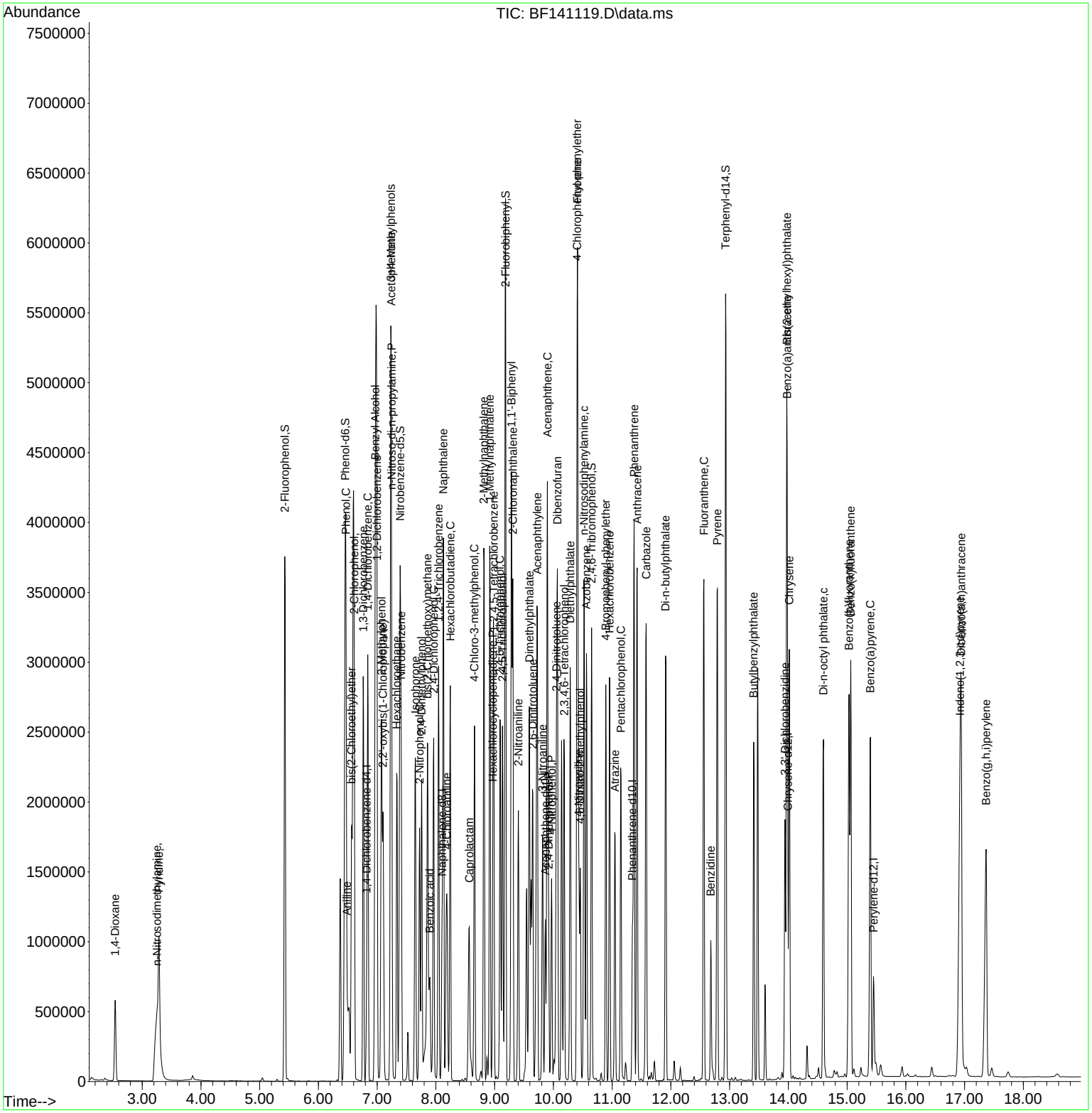
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141119.D
Acq On : 10 Jan 2025 17:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 10 22:24:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:16:11 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	158167	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	612449	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	314997	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	516568	20.000	ng		0.00
76) Chrysene-d12	13.986	240	274205	20.000	ng		0.00
86) Perylene-d12	15.451	264	318189	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	820256	80.114	ng		0.00
7) Phenol-d6	6.445	99	1009028	77.801	ng		0.00
23) Nitrobenzene-d5	7.387	82	900254	77.918	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	285534	79.554	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1614765	78.281	ng		0.00
79) Terphenyl-d14	12.933	244	1456542	78.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	186646	40.936	ng		99
3) Pyridine	3.281	79	450909	40.329	ng		99
4) n-Nitrosodimethylamine	3.228	42	226129	41.363	ng		98
6) Aniline	6.481	93	453676	39.400	ng		98
8) 2-Chlorophenol	6.604	128	431526	39.284	ng		99
9) Benzaldehyde	6.369	77	290165	37.987	ng		99
10) Phenol	6.457	94	541991	39.039	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	399965	38.657	ng		99
12) 1,3-Dichlorobenzene	6.763	146	476822	38.919	ng		99
13) 1,4-Dichlorobenzene	6.840	146	481058	38.965	ng		100
14) 1,2-Dichlorobenzene	6.992	146	444004	38.555	ng		99
15) Benzyl Alcohol	6.957	79	364926	38.962	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	549884	38.086	ng		99
17) 2-Methylphenol	7.069	107	341712	38.531	ng		100
18) Hexachloroethane	7.334	117	176028	39.427	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	289047	37.834	ng		100
20) 3+4-Methylphenols	7.222	107	437446	39.098	ng		96
22) Acetophenone	7.228	105	563455	38.700	ng	#	95
24) Nitrobenzene	7.404	77	471786	39.180	ng		99
25) Isophorone	7.639	82	762772	38.631	ng		99
26) 2-Nitrophenol	7.716	139	225470	41.163	ng		97
27) 2,4-Dimethylphenol	7.751	122	291335	39.432	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	473792	38.235	ng		100
29) 2,4-Dichlorophenol	7.957	162	347943	39.652	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	391725	39.055	ng		100
31) Naphthalene	8.128	128	1234761	38.230	ng		100
32) Benzoic acid	7.857	122	293529	41.415	ng		99
33) 4-Chloroaniline	8.169	127	427268	38.252	ng		98
34) Hexachlorobutadiene	8.245	225	238001	39.380	ng		98
35) Caprolactam	8.539	113	110830	38.578	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	371891	38.752	ng		100
37) 2-Methylnaphthalene	8.816	142	797256	38.737	ng		99
38) 1-Methylnaphthalene	8.916	142	767986	37.862	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	359153	39.725	ng		99
41) Hexachlorocyclopentadiene	8.969	237	117559	39.744	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	246797	40.474	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

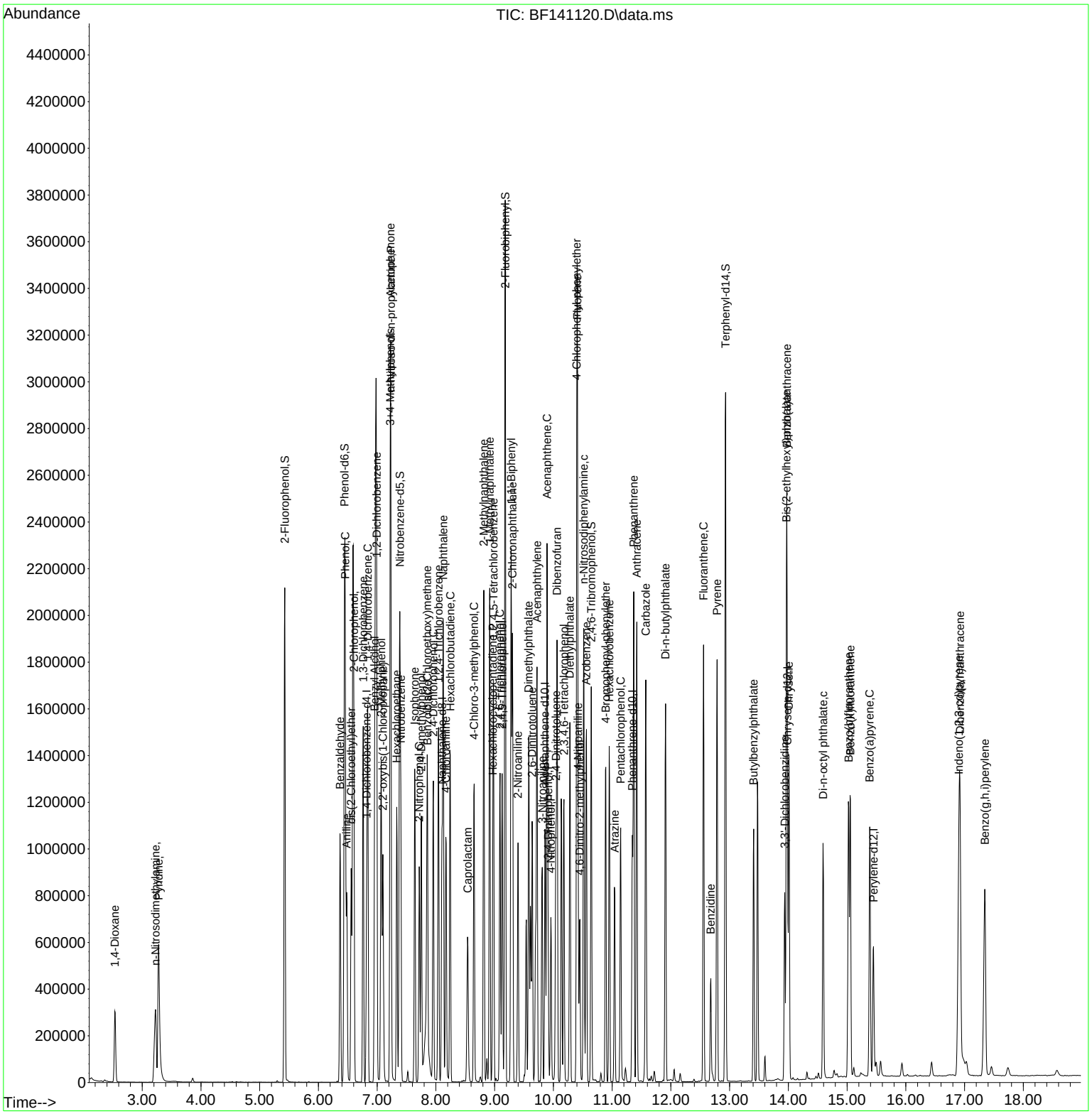
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	258003	40.064	ng		99
46) 1,1'-Biphenyl	9.281	154	970736	39.682	ng		99
47) 2-Chloronaphthalene	9.304	162	752248	39.481	ng		100
48) 2-Nitroaniline	9.398	65	227785	40.330	ng		99
49) Acenaphthylene	9.722	152	1071325	39.356	ng		99
50) Dimethylphthalate	9.581	163	835630	39.515	ng		100
51) 2,6-Dinitrotoluene	9.639	165	199428	40.554	ng		93
52) Acenaphthene	9.892	154	753339	39.611	ng		100
53) 3-Nitroaniline	9.810	138	201692	40.360	ng		98
54) 2,4-Dinitrophenol	9.910	184	98794	42.266	ng	#	56
55) Dibenzofuran	10.063	168	1007778	38.957	ng		99
56) 4-Nitrophenol	9.957	139	152518	38.970	ng		94
57) 2,4-Dinitrotoluene	10.045	165	258400	40.773	ng		99
58) Fluorene	10.410	166	779173	38.770	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	211938	39.593	ng		99
60) Diethylphthalate	10.280	149	803338	38.912	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	377526	38.542	ng		95
62) 4-Nitroaniline	10.422	138	192093	39.273	ng		98
63) Azobenzene	10.563	77	791308	38.845	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	133479	44.592	ng		98
66) n-Nitrosodiphenylamine	10.516	169	680537	40.845	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	244318	41.081	ng		99
68) Hexachlorobenzene	10.951	284	270074	40.794	ng		97
69) Atrazine	11.045	200	139816	31.165	ng		99
70) Pentachlorophenol	11.145	266	176156	41.549	ng		100
71) Phenanthrene	11.369	178	1095830	39.514	ng		99
72) Anthracene	11.422	178	1072960	39.789	ng		100
73) Carbazole	11.575	167	957273	38.715	ng		100
74) Di-n-butylphthalate	11.910	149	1120353	39.593	ng		100
75) Fluoranthene	12.557	202	1036155	37.440	ng		99
77) Benzidine	12.680	184	245773	48.333	ng		99
78) Pyrene	12.786	202	1035445	39.536	ng		100
80) Butylbenzylphthalate	13.410	149	341737	39.136	ng		97
81) Benzo(a)anthracene	13.974	228	699094	37.462	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	235420	39.619	ng		99
83) Chrysene	14.010	228	664611	38.062	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	409965	39.130	ng		99
85) Di-n-octyl phthalate	14.592	149	649810	41.072	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	921423	39.527	ng		98
88) Benzo(b)fluoranthene	15.027	252	758252	36.956	ng		99
89) Benzo(k)fluoranthene	15.057	252	664225	38.307	ng		99
90) Benzo(a)pyrene	15.386	252	659605	38.965	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	752974	39.936	ng		99
92) Benzo(g,h,i)perylene	17.345	276	754682	38.482	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	89	0.00
2		1,4-Dioxane	0.577	0.590	-2.3	93	0.00
3		Pyridine	1.414	1.425	-0.8	93	0.00
4		n-Nitrosodimethylamine	0.691	0.715	-3.5	93	0.00
5	S	2-Fluorophenol	1.295	1.297	-0.2	92	0.00
6		Aniline	1.456	1.434	1.5	89	0.00
7	S	Phenol-d6	1.640	1.595	2.7	90	0.00
8		2-Chlorophenol	1.389	1.364	1.8	90	0.00
9		Benzaldehyde	0.966	0.917	5.1	96	0.00
10	C	Phenol	1.756	1.713	2.4	89	0.00
11		bis(2-Chloroethyl)ether	1.308	1.264	3.4	89	0.00
12		1,3-Dichlorobenzene	1.549	1.507	2.7	90	0.00
13	C	1,4-Dichlorobenzene	1.561	1.521	2.6	90	0.00
14		1,2-Dichlorobenzene	1.456	1.404	3.6	90	0.00
15		Benzyl Alcohol	1.184	1.154	2.5	88	0.00
16		2,2'-oxybis(1-Chloropropane	1.826	1.738	4.8	87	0.00
17		2-Methylphenol	1.121	1.080	3.7	88	0.00
18		Hexachloroethane	0.565	0.556	1.6	90	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	0.914	5.4	89	0.00
20		3+4-Methylphenols	1.415	1.383	2.3	89	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	88	0.00
22		Acetophenone	0.475	0.460	3.2	91	0.00
23	S	Nitrobenzene-d5	0.377	0.367	2.7	89	0.00
24		Nitrobenzene	0.393	0.385	2.0	90	0.00
25		Isophorone	0.645	0.623	3.4	89	0.00
26	C	2-Nitrophenol	0.179	0.184	-2.8	91	0.00
27		2,4-Dimethylphenol	0.241	0.238	1.2	89	0.00
28		bis(2-Chloroethoxy)methane	0.405	0.387	4.4	88	0.00
29	C	2,4-Dichlorophenol	0.287	0.284	1.0	90	0.00
30		1,2,4-Trichlorobenzene	0.328	0.320	2.4	90	0.00
31		Naphthalene	1.055	1.008	4.5	89	0.00
32		Benzoic acid	0.231	0.240	-3.9	89	0.00
33		4-Chloroaniline	0.365	0.349	4.4	89	0.00
34	C	Hexachlorobutadiene	0.197	0.194	1.5	91	0.00
35		Caprolactam	0.094	0.090	4.3	88	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.304	2.9	89	0.00
37		2-Methylnaphthalene	0.672	0.651	3.1	90	0.00
38		1-Methylnaphthalene	0.662	0.627	5.3	88	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.570	0.7	89	0.00
41	P	Hexachlorocyclopentadiene	0.188	0.187	0.5	81	0.00
42	S	2,4,6-Tribromophenol	0.228	0.227	0.4	90	0.00
43	C	2,4,6-Trichlorophenol	0.387	0.392	-1.3	89	0.00
44		2,4,5-Trichlorophenol	0.409	0.410	-0.2	88	0.00
45	S	2-Fluorobiphenyl	1.310	1.282	2.1	91	0.00
46		1,1'-Biphenyl	1.553	1.541	0.8	89	0.00
47		2-Chloronaphthalene	1.210	1.194	1.3	89	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	0.359	0.362	-0.8	89	0.00
49		Acenaphthylene	1.728	1.701	1.6	89	0.00
50		Dimethylphthalate	1.343	1.326	1.3	88	0.00
51		2,6-Dinitrotoluene	0.312	0.317	-1.6	88	0.00
52	C	Acenaphthene	1.208	1.196	1.0	89	0.00
53		3-Nitroaniline	0.317	0.320	-0.9	88	0.00
54	P	2,4-Dinitrophenol	0.148	0.157	-6.1	87	0.00
55		Dibenzofuran	1.642	1.600	2.6	87	0.00
56	P	4-Nitrophenol	0.248	0.242	2.4	84	0.00
57		2,4-Dinitrotoluene	0.402	0.410	-2.0	90	0.00
58		Fluorene	1.276	1.237	3.1	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.336	1.2	88	0.00
60		Diethylphthalate	1.311	1.275	2.7	88	0.00
61		4-Chlorophenyl-phenylether	0.622	0.599	3.7	87	0.00
62		4-Nitroaniline	0.311	0.305	1.9	88	0.00
63		Azobenzene	1.293	1.256	2.9	87	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
65		4,6-Dinitro-2-methylphenol	0.116	0.129	-11.2	88	0.00
66	c	n-Nitrosodiphenylamine	0.645	0.659	-2.2	89	0.00
67		4-Bromophenyl-phenylether	0.230	0.236	-2.6	89	0.00
68		Hexachlorobenzene	0.256	0.261	-2.0	89	0.00
69		Atrazine	0.174	0.135	22.4	84	0.00
70	C	Pentachlorophenol	0.164	0.171	-4.3	86	0.00
71		Phenanthrene	1.074	1.061	1.2	87	0.00
72		Anthracene	1.044	1.039	0.5	87	0.00
73		Carbazole	0.957	0.927	3.1	86	0.00
74		Di-n-butylphthalate	1.096	1.084	1.1	87	0.00
75	C	Fluoranthene	1.071	1.003	6.3	85	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77		Benzidine	0.371	0.448	-20.8	92	0.00
78		Pyrene	1.910	1.888	1.2	85	0.00
79	S	Terphenyl-d14	1.346	1.328	1.3	87	0.00
80		Butylbenzylphthalate	0.637	0.623	2.2	85	0.00
81		Benzo(a)anthracene	1.361	1.275	6.3	86	0.00
82		3,3'-Dichlorobenzidine	0.433	0.429	0.9	86	0.00
83		Chrysene	1.274	1.212	4.9	84	0.00
84		Bis(2-ethylhexyl)phthalate	0.764	0.748	2.1	86	0.00
85	c	Di-n-octyl phthalate	1.154	1.185	-2.7	86	0.00
86	I	Perylene-d12	1.000	1.000	0.0	89	0.01
87		Indeno(1,2,3-cd)pyrene	1.465	1.448	1.2	88	0.00
88		Benzo(b)fluoranthene	1.290	1.192	7.6	89	0.00
89		Benzo(k)fluoranthene	1.090	1.044	4.2	89	0.00
90	C	Benzo(a)pyrene	1.064	1.036	2.6	89	0.00
91		Dibenzo(a,h)anthracene	1.185	1.183	0.2	88	0.00
92		Benzo(g,h,i)perylene	1.233	1.186	3.8	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	89	0.00
2		1,4-Dioxane	40.000	40.936	-2.3	93	0.00
3		Pyridine	40.000	40.329	-0.8	93	0.00
4		n-Nitrosodimethylamine	40.000	41.363	-3.4	93	0.00
5	S	2-Fluorophenol	80.000	80.114	-0.1	92	0.00
6		Aniline	40.000	39.400	1.5	89	0.00
7	S	Phenol-d6	80.000	77.801	2.7	90	0.00
8		2-Chlorophenol	40.000	39.284	1.8	90	0.00
9		Benzaldehyde	40.000	37.987	5.0	96	0.00
10	C	Phenol	40.000	39.039	2.4	89	0.00
11		bis(2-Chloroethyl)ether	40.000	38.657	3.4	89	0.00
12		1,3-Dichlorobenzene	40.000	38.919	2.7	90	0.00
13	C	1,4-Dichlorobenzene	40.000	38.965	2.6	90	0.00
14		1,2-Dichlorobenzene	40.000	38.555	3.6	90	0.00
15		Benzyl Alcohol	40.000	38.962	2.6	88	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.086	4.8	87	0.00
17		2-Methylphenol	40.000	38.531	3.7	88	0.00
18		Hexachloroethane	40.000	39.427	1.4	90	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.834	5.4	89	0.00
20		3+4-Methylphenols	40.000	39.098	2.3	89	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	88	0.00
22		Acetophenone	40.000	38.700	3.2	91	0.00
23	S	Nitrobenzene-d5	80.000	77.918	2.6	89	0.00
24		Nitrobenzene	40.000	39.180	2.1	90	0.00
25		Isophorone	40.000	38.631	3.4	89	0.00
26	C	2-Nitrophenol	40.000	41.163	-2.9	91	0.00
27		2,4-Dimethylphenol	40.000	39.432	1.4	89	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.235	4.4	88	0.00
29	C	2,4-Dichlorophenol	40.000	39.652	0.9	90	0.00
30		1,2,4-Trichlorobenzene	40.000	39.055	2.4	90	0.00
31		Naphthalene	40.000	38.230	4.4	89	0.00
32		Benzoic acid	40.000	41.415	-3.5	89	0.00
33		4-Chloroaniline	40.000	38.252	4.4	89	0.00
34	C	Hexachlorobutadiene	40.000	39.380	1.5	91	0.00
35		Caprolactam	40.000	38.578	3.6	88	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.752	3.1	89	0.00
37		2-Methylnaphthalene	40.000	38.737	3.2	90	0.00
38		1-Methylnaphthalene	40.000	37.862	5.3	88	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.725	0.7	89	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.744	0.6	81	0.00
42	S	2,4,6-Tribromophenol	80.000	79.554	0.6	90	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.474	-1.2	89	0.00
44		2,4,5-Trichlorophenol	40.000	40.064	-0.2	88	0.00
45	S	2-Fluorobiphenyl	80.000	78.281	2.1	91	0.00
46		1,1'-Biphenyl	40.000	39.682	0.8	89	0.00
47		2-Chloronaphthalene	40.000	39.481	1.3	89	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	40.330	-0.8	89	0.00
49		Acenaphthylene	40.000	39.356	1.6	89	0.00
50		Dimethylphthalate	40.000	39.515	1.2	88	0.00
51		2,6-Dinitrotoluene	40.000	40.554	-1.4	88	0.00
52	C	Acenaphthene	40.000	39.611	1.0	89	0.00
53		3-Nitroaniline	40.000	40.360	-0.9	88	0.00
54	P	2,4-Dinitrophenol	40.000	42.266	-5.7	87	0.00
55		Dibenzofuran	40.000	38.957	2.6	87	0.00
56	P	4-Nitrophenol	40.000	38.970	2.6	84	0.00
57		2,4-Dinitrotoluene	40.000	40.773	-1.9	90	0.00
58		Fluorene	40.000	38.770	3.1	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.593	1.0	88	0.00
60		Diethylphthalate	40.000	38.912	2.7	88	0.00
61		4-Chlorophenyl-phenylether	40.000	38.542	3.6	87	0.00
62		4-Nitroaniline	40.000	39.273	1.8	88	0.00
63		Azobenzene	40.000	38.845	2.9	87	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	88	0.00
65		4,6-Dinitro-2-methylphenol	40.000	44.592	-11.5	88	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.845	-2.1	89	0.00
67		4-Bromophenyl-phenylether	40.000	41.081	-2.7	89	0.00
68		Hexachlorobenzene	40.000	40.794	-2.0	89	0.00
69		Atrazine	40.000	31.165	22.1	84	0.00
70	C	Pentachlorophenol	40.000	41.549	-3.9	86	0.00
71		Phenanthrene	40.000	39.514	1.2	87	0.00
72		Anthracene	40.000	39.789	0.5	87	0.00
73		Carbazole	40.000	38.715	3.2	86	0.00
74		Di-n-butylphthalate	40.000	39.593	1.0	87	0.00
75	C	Fluoranthene	40.000	37.440	6.4	85	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77		Benzidine	40.000	48.333	-20.8	92	0.00
78		Pyrene	40.000	39.536	1.2	85	0.00
79	S	Terphenyl-d14	80.000	78.951	1.3	87	0.00
80		Butylbenzylphthalate	40.000	39.136	2.2	85	0.00
81		Benzo(a)anthracene	40.000	37.462	6.3	86	0.00
82		3,3'-Dichlorobenzidine	40.000	39.619	1.0	86	0.00
83		Chrysene	40.000	38.062	4.8	84	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.130	2.2	86	0.00
85	c	Di-n-octyl phthalate	40.000	41.072	-2.7	86	0.00
86	I	Perylene-d12	20.000	20.000	0.0	89	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	39.527	1.2	88	0.00
88		Benzo(b)fluoranthene	40.000	36.956	7.6	89	0.00
89		Benzo(k)fluoranthene	40.000	38.307	4.2	89	0.00
90	C	Benzo(a)pyrene	40.000	38.965	2.6	89	0.00
91		Dibenzo(a,h)anthracene	40.000	39.936	0.2	88	0.00
92		Benzo(g,h,i)perylene	40.000	38.482	3.8	84	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141120.D
Acq On : 10 Jan 2025 18:12
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011025

Quant Time: Jan 10 22:57:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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: **BF141193.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARAM01

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG No.: Q1119

Instrument ID: BNA_F Calibration Date/Time: 01/17/2025 15:25

Lab File ID: BF141193.D Init. Calib. Date(s): 01/10/2025 01/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:58 17:45

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.414	1.291		-8.7	
2-Fluorophenol	1.295	1.202		-7.2	
Phenol-d6	1.640	1.524		-7.1	
1,4-Dichlorobenzene	1.561	1.477		-5.4	20.0
2-Methylphenol	1.121	1.053		-6.1	
3+4-Methylphenols	1.415	1.338		-5.4	
Nitrobenzene-d5	0.377	0.350		-7.2	
Hexachloroethane	0.565	0.537		-5.0	
Nitrobenzene	0.393	0.363		-7.6	
2,4,6-Trichlorophenol	0.387	0.363		-6.2	20.0
2-Fluorobiphenyl	1.310	1.195		-8.8	
2,4,5-Trichlorophenol	0.409	0.380		-7.1	
2,4-Dinitrotoluene	0.402	0.389		-3.2	
2,4,6-Tribromophenol	0.228	0.221		-3.1	
Hexachlorobenzene	0.256	0.251		-2.0	
Pentachlorophenol	0.164	0.164		0.0	20.0
Terphenyl-d14	1.346	1.233		-8.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	176385	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	697922	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	382539	20.000	ng		-0.02
64) Phenanthrene-d10	11.328	188	649888	20.000	ng		-0.02
76) Chrysene-d12	13.969	240	410187	20.000	ng		-0.02
86) Perylene-d12	15.427	264	390771	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	847865	74.257	ng		-0.01
7) Phenol-d6	6.440	99	1075051	74.330	ng		0.00
23) Nitrobenzene-d5	7.375	82	976182	74.143	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	338340	77.623	ng		-0.02
45) 2-Fluorobiphenyl	9.169	172	1828981	73.010	ng		-0.01
79) Terphenyl-d14	12.916	244	2022264	73.276	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	183959	36.180	ng		99
3) Pyridine	3.257	79	455384	36.522	ng		99
4) n-Nitrosodimethylamine	3.204	42	231056	37.899	ng		99
6) Aniline	6.475	93	456110	35.520	ng		99
8) 2-Chlorophenol	6.593	128	456555	37.270	ng		99
9) Benzaldehyde	6.363	77	377008	44.258	ng		98
10) Phenol	6.451	94	575344	37.161	ng		96
11) bis(2-Chloroethyl)ether	6.545	93	435436	37.739	ng		99
12) 1,3-Dichlorobenzene	6.751	146	511968	37.472	ng		99
13) 1,4-Dichlorobenzene	6.828	146	521032	37.844	ng		100
14) 1,2-Dichlorobenzene	6.981	146	488749	38.057	ng		98
15) Benzyl Alcohol	6.951	79	403035	38.586	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	598111	37.147	ng		99
17) 2-Methylphenol	7.063	107	371494	37.563	ng		99
18) Hexachloroethane	7.322	117	189440	38.049	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	320756	37.648	ng		99
20) 3+4-Methylphenols	7.216	107	471968	37.826	ng	#	87
22) Acetophenone	7.222	105	622516	37.521	ng		97
24) Nitrobenzene	7.392	77	507162	36.960	ng		99
25) Isophorone	7.634	82	853644	37.939	ng		99
26) 2-Nitrophenol	7.710	139	230038	36.854	ng		97
27) 2,4-Dimethylphenol	7.745	122	311696	37.021	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	533151	37.756	ng		100
29) 2,4-Dichlorophenol	7.951	162	379037	37.906	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	432233	37.816	ng		99
31) Naphthalene	8.116	128	1378087	37.442	ng		99
32) Benzoic acid	7.857	122	303585	37.588	ng		97
33) 4-Chloroaniline	8.163	127	445182	34.975	ng		99
34) Hexachlorobutadiene	8.234	225	262191	38.070	ng		99
35) Caprolactam	8.534	113	126504	38.642	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	417396	38.167	ng		100
37) 2-Methylnaphthalene	8.804	142	880241	37.531	ng		100
38) 1-Methylnaphthalene	8.904	142	867794	37.543	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	407220	37.089	ng		99
41) Hexachlorocyclopentadiene	8.957	237	143280	39.887	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	277834	37.519	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

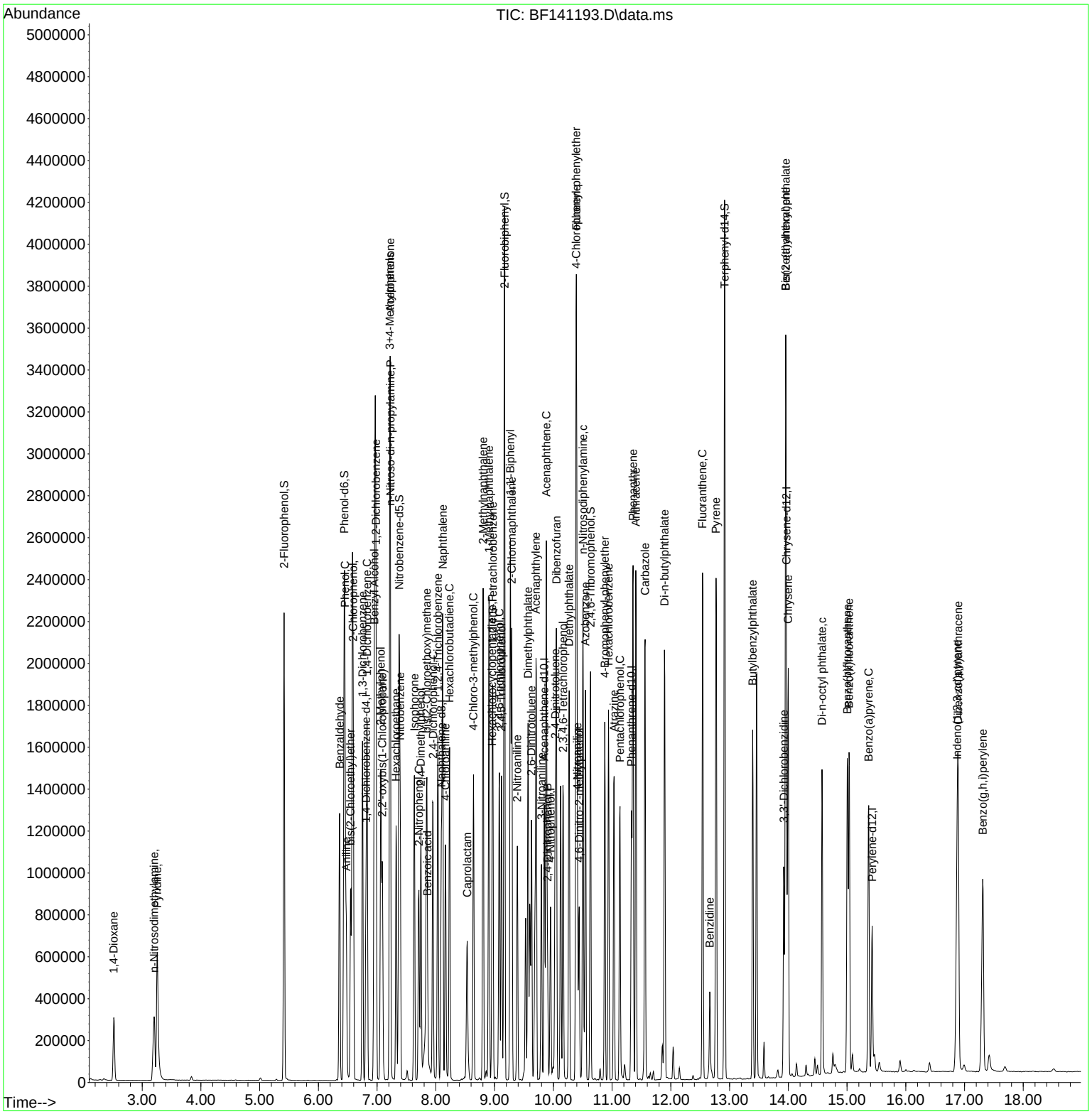
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	290966	37.205	ng		99
46) 1,1'-Biphenyl	9.269	154	1091805	36.751	ng		100
47) 2-Chloronaphthalene	9.292	162	853459	36.884	ng		99
48) 2-Nitroaniline	9.386	65	250809	36.566	ng		99
49) Acenaphthylene	9.704	152	1234051	37.329	ng		100
50) Dimethylphthalate	9.569	163	977817	38.075	ng		100
51) 2,6-Dinitrotoluene	9.628	165	222928	37.328	ng		94
52) Acenaphthene	9.881	154	861041	37.280	ng		100
53) 3-Nitroaniline	9.798	138	222998	36.745	ng		99
54) 2,4-Dinitrophenol	9.898	184	108968	38.387	ng	#	73
55) Dibenzofuran	10.051	168	1174026	37.371	ng		99
56) 4-Nitrophenol	9.951	139	178406	37.536	ng		96
57) 2,4-Dinitrotoluene	10.033	165	297320	38.631	ng		98
58) Fluorene	10.392	166	917697	37.600	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	248917	38.291	ng		99
60) Diethylphthalate	10.269	149	976403	38.945	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	453561	38.129	ng		99
62) 4-Nitroaniline	10.410	138	230285	38.769	ng		97
63) Azobenzene	10.545	77	939195	37.965	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	157332	41.778	ng		100
66) n-Nitrosodiphenylamine	10.504	169	797644	38.052	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	295258	39.462	ng		98
68) Hexachlorobenzene	10.939	284	326645	39.218	ng		99
69) Atrazine	11.033	200	258473	45.795	ng		99
70) Pentachlorophenol	11.133	266	213699	40.064	ng		100
71) Phenanthrene	11.357	178	1353011	38.779	ng		99
72) Anthracene	11.404	178	1320674	38.928	ng		99
73) Carbazole	11.563	167	1210455	38.912	ng		100
74) Di-n-butylphthalate	11.892	149	1478590	41.533	ng		100
75) Fluoranthene	12.539	202	1400628	40.228	ng		100
77) Benzidine	12.663	184	219555	28.864	ng		99
78) Pyrene	12.769	202	1389041	35.454	ng		100
80) Butylbenzylphthalate	13.392	149	526848	40.334	ng		99
81) Benzo(a)anthracene	13.957	228	1030311	36.908	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	303031	34.091	ng		99
83) Chrysene	13.998	228	911712	34.904	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	643364	41.050	ng		100
85) Di-n-octyl phthalate	14.574	149	965204	40.782	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1035448	36.168	ng		99
88) Benzo(b)fluoranthene	15.004	252	969835	38.488	ng		100
89) Benzo(k)fluoranthene	15.033	252	818964	38.459	ng		99
90) Benzo(a)pyrene	15.368	252	799070	38.436	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	844181	36.457	ng		99
92) Benzo(g,h,i)perylene	17.309	276	856958	35.581	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



Sample Results: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	99	-0.01
2		1,4-Dioxane	0.577	0.521	9.7	91	-0.02
3		Pyridine	1.414	1.291	8.7	94	-0.02
4		n-Nitrosodimethylamine	0.691	0.655	5.2	95	-0.02
5	S	2-Fluorophenol	1.295	1.202	7.2	95	-0.01
6		Aniline	1.456	1.293	11.2	90	-0.01
7	S	Phenol-d6	1.640	1.524	7.1	96	0.00
8		2-Chlorophenol	1.389	1.294	6.8	95	-0.01
9		Benzaldehyde	0.966	1.069	-10.7	124	0.00
10	C	Phenol	1.756	1.631	7.1	95	-0.01
11		bis(2-Chloroethyl)ether	1.308	1.234	5.7	97	-0.01
12		1,3-Dichlorobenzene	1.549	1.451	6.3	97	-0.01
13	C	1,4-Dichlorobenzene	1.561	1.477	5.4	98	-0.01
14		1,2-Dichlorobenzene	1.456	1.385	4.9	99	-0.01
15		Benzyl Alcohol	1.184	1.142	3.5	97	-0.01
16		2,2'-oxybis(1-Chloropropane	1.826	1.695	7.2	95	-0.01
17		2-Methylphenol	1.121	1.053	6.1	96	0.00
18		Hexachloroethane	0.565	0.537	5.0	97	-0.01
19	P	n-Nitroso-di-n-propylamine	0.966	0.909	5.9	99	0.00
20		3+4-Methylphenols	1.415	1.338	5.4	96	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	100	-0.01
22		Acetophenone	0.475	0.446	6.1	101	-0.01
23	S	Nitrobenzene-d5	0.377	0.350	7.2	96	-0.01
24		Nitrobenzene	0.393	0.363	7.6	97	-0.01
25		Isophorone	0.645	0.612	5.1	99	0.00
26	C	2-Nitrophenol	0.179	0.165	7.8	93	-0.01
27		2,4-Dimethylphenol	0.241	0.223	7.5	95	0.00
28		bis(2-Chloroethoxy)methane	0.405	0.382	5.7	99	0.00
29	C	2,4-Dichlorophenol	0.287	0.272	5.2	98	0.00
30		1,2,4-Trichlorobenzene	0.328	0.310	5.5	99	-0.01
31		Naphthalene	1.055	0.987	6.4	99	-0.01
32		Benzoic acid	0.231	0.217	6.1	92	0.00
33		4-Chloroaniline	0.365	0.319	12.6	93	-0.01
34	C	Hexachlorobutadiene	0.197	0.188	4.6	100	-0.01
35		Caprolactam	0.094	0.091	3.2	100	-0.01
36	C	4-Chloro-3-methylphenol	0.313	0.299	4.5	99	-0.01
37		2-Methylnaphthalene	0.672	0.631	6.1	99	-0.01
38		1-Methylnaphthalene	0.662	0.622	6.0	100	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.574	0.532	7.3	101	-0.01
41	P	Hexachlorocyclopentadiene	0.188	0.187	0.5	99	-0.01
42	S	2,4,6-Tribromophenol	0.228	0.221	3.1	106	-0.02
43	C	2,4,6-Trichlorophenol	0.387	0.363	6.2	101	-0.01
44		2,4,5-Trichlorophenol	0.409	0.380	7.1	100	-0.01
45	S	2-Fluorobiphenyl	1.310	1.195	8.8	103	-0.01
46		1,1'-Biphenyl	1.553	1.427	8.1	101	-0.01
47		2-Chloronaphthalene	1.210	1.116	7.8	101	-0.01

Sample Results: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	0.359	0.328	8.6	98	-0.01
49		Acenaphthylene	1.728	1.613	6.7	102	-0.02
50		Dimethylphthalate	1.343	1.278	4.8	103	-0.01
51		2,6-Dinitrotoluene	0.312	0.291	6.7	98	-0.02
52	C	Acenaphthene	1.208	1.125	6.9	102	-0.01
53		3-Nitroaniline	0.317	0.291	8.2	97	-0.01
54	P	2,4-Dinitrophenol	0.148	0.142	4.1	96	-0.02
55		Dibenzofuran	1.642	1.535	6.5	102	-0.01
56	P	4-Nitrophenol	0.248	0.233	6.0	98	-0.01
57		2,4-Dinitrotoluene	0.402	0.389	3.2	103	-0.01
58		Fluorene	1.276	1.199	6.0	105	-0.02
59		2,3,4,6-Tetrachlorophenol	0.340	0.325	4.4	103	-0.01
60		Diethylphthalate	1.311	1.276	2.7	107	-0.01
61		4-Chlorophenyl-phenylether	0.622	0.593	4.7	105	-0.02
62		4-Nitroaniline	0.311	0.301	3.2	105	-0.01
63		Azobenzene	1.293	1.228	5.0	104	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	110	-0.02
65		4,6-Dinitro-2-methylphenol	0.116	0.121	-4.3	103	-0.01
66	c	n-Nitrosodiphenylamine	0.645	0.614	4.8	104	-0.02
67		4-Bromophenyl-phenylether	0.230	0.227	1.3	108	-0.02
68		Hexachlorobenzene	0.256	0.251	2.0	108	-0.02
69		Atrazine	0.174	0.199	-14.4	156#	-0.01
70	C	Pentachlorophenol	0.164	0.164	0.0	105	-0.01
71		Phenanthrene	1.074	1.041	3.1	108	-0.01
72		Anthracene	1.044	1.016	2.7	108	-0.02
73		Carbazole	0.957	0.931	2.7	109	-0.01
74		Di-n-butylphthalate	1.096	1.138	-3.8	115	-0.02
75	C	Fluoranthene	1.071	1.078	-0.7	115	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	125	-0.02
77		Benzidine	0.371	0.268	27.8#	82	-0.02
78		Pyrene	1.910	1.693	11.4	115	-0.02
79	S	Terphenyl-d14	1.346	1.233	8.4	121	-0.02
80		Butylbenzylphthalate	0.637	0.642	-0.8	131	-0.02
81		Benzo(a)anthracene	1.361	1.256	7.7	126	-0.02
82		3,3'-Dichlorobenzidine	0.433	0.369	14.8	110	-0.02
83		Chrysene	1.274	1.111	12.8	115	-0.02
84		Bis(2-ethylhexyl)phthalate	0.764	0.784	-2.6	135	-0.02
85	c	Di-n-octyl phthalate	1.154	1.177	-2.0	128	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	110	-0.01
87		Indeno(1,2,3-cd)pyrene	1.465	1.325	9.6	99	-0.02
88		Benzo(b)fluoranthene	1.290	1.241	3.8	113	-0.02
89		Benzo(k)fluoranthene	1.090	1.048	3.9	110	-0.02
90	C	Benzo(a)pyrene	1.064	1.022	3.9	108	-0.01
91		Dibenzo(a,h)anthracene	1.185	1.080	8.9	99	-0.02
92		Benzo(g,h,i)perylene	1.233	1.096	11.1	95	-0.03

Sample Results: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	99	-0.01
2		1,4-Dioxane	40.000	36.180	9.6	91	-0.02
3		Pyridine	40.000	36.522	8.7	94	-0.02
4		n-Nitrosodimethylamine	40.000	37.899	5.3	95	-0.02
5	S	2-Fluorophenol	80.000	74.257	7.2	95	-0.01
6		Aniline	40.000	35.520	11.2	90	-0.01
7	S	Phenol-d6	80.000	74.330	7.1	96	0.00
8		2-Chlorophenol	40.000	37.270	6.8	95	-0.01
9		Benzaldehyde	40.000	44.258	-10.6	124	0.00
10	C	Phenol	40.000	37.161	7.1	95	-0.01
11		bis(2-Chloroethyl)ether	40.000	37.739	5.7	97	-0.01
12		1,3-Dichlorobenzene	40.000	37.472	6.3	97	-0.01
13	C	1,4-Dichlorobenzene	40.000	37.844	5.4	98	-0.01
14		1,2-Dichlorobenzene	40.000	38.057	4.9	99	-0.01
15		Benzyl Alcohol	40.000	38.586	3.5	97	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	37.147	7.1	95	-0.01
17		2-Methylphenol	40.000	37.563	6.1	96	0.00
18		Hexachloroethane	40.000	38.049	4.9	97	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	37.648	5.9	99	0.00
20		3+4-Methylphenols	40.000	37.826	5.4	96	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	100	-0.01
22		Acetophenone	40.000	37.521	6.2	101	-0.01
23	S	Nitrobenzene-d5	80.000	74.143	7.3	96	-0.01
24		Nitrobenzene	40.000	36.960	7.6	97	-0.01
25		Isophorone	40.000	37.939	5.2	99	0.00
26	C	2-Nitrophenol	40.000	36.854	7.9	93	-0.01
27		2,4-Dimethylphenol	40.000	37.021	7.4	95	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.756	5.6	99	0.00
29	C	2,4-Dichlorophenol	40.000	37.906	5.2	98	0.00
30		1,2,4-Trichlorobenzene	40.000	37.816	5.5	99	-0.01
31		Naphthalene	40.000	37.442	6.4	99	-0.01
32		Benzoic acid	40.000	37.588	6.0	92	0.00
33		4-Chloroaniline	40.000	34.975	12.6	93	-0.01
34	C	Hexachlorobutadiene	40.000	38.070	4.8	100	-0.01
35		Caprolactam	40.000	38.642	3.4	100	-0.01
36	C	4-Chloro-3-methylphenol	40.000	38.167	4.6	99	-0.01
37		2-Methylnaphthalene	40.000	37.531	6.2	99	-0.01
38		1-Methylnaphthalene	40.000	37.543	6.1	100	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	37.089	7.3	101	-0.01
41	P	Hexachlorocyclopentadiene	40.000	39.887	0.3	99	-0.01
42	S	2,4,6-Tribromophenol	80.000	77.623	3.0	106	-0.02
43	C	2,4,6-Trichlorophenol	40.000	37.519	6.2	101	-0.01
44		2,4,5-Trichlorophenol	40.000	37.205	7.0	100	-0.01
45	S	2-Fluorobiphenyl	80.000	73.010	8.7	103	-0.01
46		1,1'-Biphenyl	40.000	36.751	8.1	101	-0.01
47		2-Chloronaphthalene	40.000	36.884	7.8	101	-0.01

Sample Results: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	36.566	8.6	98	-0.01
49		Acenaphthylene	40.000	37.329	6.7	102	-0.02
50		Dimethylphthalate	40.000	38.075	4.8	103	-0.01
51		2,6-Dinitrotoluene	40.000	37.328	6.7	98	-0.02
52	C	Acenaphthene	40.000	37.280	6.8	102	-0.01
53		3-Nitroaniline	40.000	36.745	8.1	97	-0.01
54	P	2,4-Dinitrophenol	40.000	38.387	4.0	96	-0.02
55		Dibenzofuran	40.000	37.371	6.6	102	-0.01
56	P	4-Nitrophenol	40.000	37.536	6.2	98	-0.01
57		2,4-Dinitrotoluene	40.000	38.631	3.4	103	-0.01
58		Fluorene	40.000	37.600	6.0	105	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	38.291	4.3	103	-0.01
60		Diethylphthalate	40.000	38.945	2.6	107	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.129	4.7	105	-0.02
62		4-Nitroaniline	40.000	38.769	3.1	105	-0.01
63		Azobenzene	40.000	37.965	5.1	104	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	110	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	41.778	-4.4	103	-0.01
66	c	n-Nitrosodiphenylamine	40.000	38.052	4.9	104	-0.02
67		4-Bromophenyl-phenylether	40.000	39.462	1.3	108	-0.02
68		Hexachlorobenzene	40.000	39.218	2.0	108	-0.02
69		Atrazine	40.000	45.795	-14.5	156	-0.01
70	C	Pentachlorophenol	40.000	40.064	-0.2	105	-0.01
71		Phenanthrene	40.000	38.779	3.1	108	-0.01
72		Anthracene	40.000	38.928	2.7	108	-0.02
73		Carbazole	40.000	38.912	2.7	109	-0.01
74		Di-n-butylphthalate	40.000	41.533	-3.8	115	-0.02
75	C	Fluoranthene	40.000	40.228	-0.6	115	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	125	-0.02
77		Benzidine	40.000	28.864	27.8#	82	-0.02
78		Pyrene	40.000	35.454	11.4	115	-0.02
79	S	Terphenyl-d14	80.000	73.276	8.4	121	-0.02
80		Butylbenzylphthalate	40.000	40.334	-0.8	131	-0.02
81		Benzo(a)anthracene	40.000	36.908	7.7	126	-0.02
82		3,3'-Dichlorobenzidine	40.000	34.091	14.8	110	-0.02
83		Chrysene	40.000	34.904	12.7	115	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	41.050	-2.6	135	-0.02
85	c	Di-n-octyl phthalate	40.000	40.782	-2.0	128	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	110	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	36.168	9.6	99	-0.02
88		Benzo(b)fluoranthene	40.000	38.488	3.8	113	-0.02
89		Benzo(k)fluoranthene	40.000	38.459	3.9	110	-0.02
90	C	Benzo(a)pyrene	40.000	38.436	3.9	108	-0.01
91		Dibenzo(a,h)anthracene	40.000	36.457	8.9	99	-0.02
92		Benzo(g,h,i)perylene	40.000	35.581	11.0	95	-0.03

Sample Results: **BF141193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141193.D
Acq On : 17 Jan 2025 15:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 17 15:59:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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: **BF141212.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: ARAM01

Lab Code: CHEM Case No.: Q1119 SAS No.: Q1119 SDG No.: Q1119

Instrument ID: BNA_F Calibration Date/Time: 01/20/2025 10:37

Lab File ID: BF141212.D Init. Calib. Date(s): 01/10/2025 01/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:58 17:45

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.414	1.277		-9.7	
2-Fluorophenol	1.295	1.234		-4.7	
Phenol-d6	1.640	1.572		-4.1	
1,4-Dichlorobenzene	1.561	1.522		-2.5	20.0
2-Methylphenol	1.121	1.090		-2.8	
3+4-Methylphenols	1.415	1.363		-3.7	
Nitrobenzene-d5	0.377	0.372		-1.3	
Hexachloroethane	0.565	0.552		-2.3	
Nitrobenzene	0.393	0.384		-2.3	
2,4,6-Trichlorophenol	0.387	0.400		3.4	20.0
2-Fluorobiphenyl	1.310	1.265		-3.4	
2,4,5-Trichlorophenol	0.409	0.408		-0.2	
2,4-Dinitrotoluene	0.402	0.422		5.0	
2,4,6-Tribromophenol	0.228	0.244		7.0	
Hexachlorobenzene	0.256	0.269		5.1	
Pentachlorophenol	0.164	0.177		7.9	20.0
Terphenyl-d14	1.346	1.246		-7.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	179826	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	695851	20.000	ng		-0.01
39) Acenaphthene-d10	9.851	164	379338	20.000	ng		-0.01
64) Phenanthrene-d10	11.333	188	651777	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	435133	20.000	ng		-0.01
86) Perylene-d12	15.439	264	378255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	887765	76.264	ng		-0.01
7) Phenol-d6	6.445	99	1130564	76.672	ng		0.00
23) Nitrobenzene-d5	7.375	82	1035446	78.878	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	369885	85.576	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1919585	77.274	ng		-0.01
79) Terphenyl-d14	12.922	244	2168767	74.080	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	195619	37.737	ng		98
3) Pyridine	3.257	79	459371	36.137	ng		96
4) n-Nitrosodimethylamine	3.210	42	233464	37.561	ng		97
6) Aniline	6.475	93	431972	32.996	ng		95
8) 2-Chlorophenol	6.598	128	487756	39.055	ng		98
9) Benzaldehyde	6.363	77	397188	45.735	ng		97
10) Phenol	6.457	94	596553	37.794	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	451773	38.405	ng		97
12) 1,3-Dichlorobenzene	6.751	146	551187	39.571	ng		98
13) 1,4-Dichlorobenzene	6.828	146	547534	39.008	ng		100
14) 1,2-Dichlorobenzene	6.981	146	512367	39.132	ng		99
15) Benzyl Alcohol	6.951	79	419104	39.357	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	591272	36.020	ng		95
17) 2-Methylphenol	7.063	107	391980	38.876	ng		99
18) Hexachloroethane	7.322	117	198518	39.109	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	327309	37.682	ng		98
20) 3+4-Methylphenols	7.222	107	490374	38.549	ng	#	80
22) Acetophenone	7.222	105	640268	38.705	ng		95
24) Nitrobenzene	7.398	77	534584	39.074	ng		98
25) Isophorone	7.634	82	883042	39.362	ng		99
26) 2-Nitrophenol	7.710	139	261219	41.973	ng		98
27) 2,4-Dimethylphenol	7.745	122	331024	39.434	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	549992	39.065	ng		100
29) 2,4-Dichlorophenol	7.951	162	405510	40.674	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	454226	39.859	ng		100
31) Naphthalene	8.116	128	1443445	39.335	ng		100
32) Benzoic acid	7.863	122	349410	43.391	ng		98
33) 4-Chloroaniline	8.169	127	442472	34.865	ng		99
34) Hexachlorobutadiene	8.234	225	275485	40.119	ng		99
35) Caprolactam	8.534	113	130913m	40.107	ng		
36) 4-Chloro-3-methylphenol	8.645	107	443278	40.655	ng		100
37) 2-Methylnaphthalene	8.804	142	926865	39.636	ng		100
38) 1-Methylnaphthalene	8.904	142	910731	39.518	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	431864	39.665	ng		100
41) Hexachlorocyclopentadiene	8.957	237	148460	41.678	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	303577	41.342	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

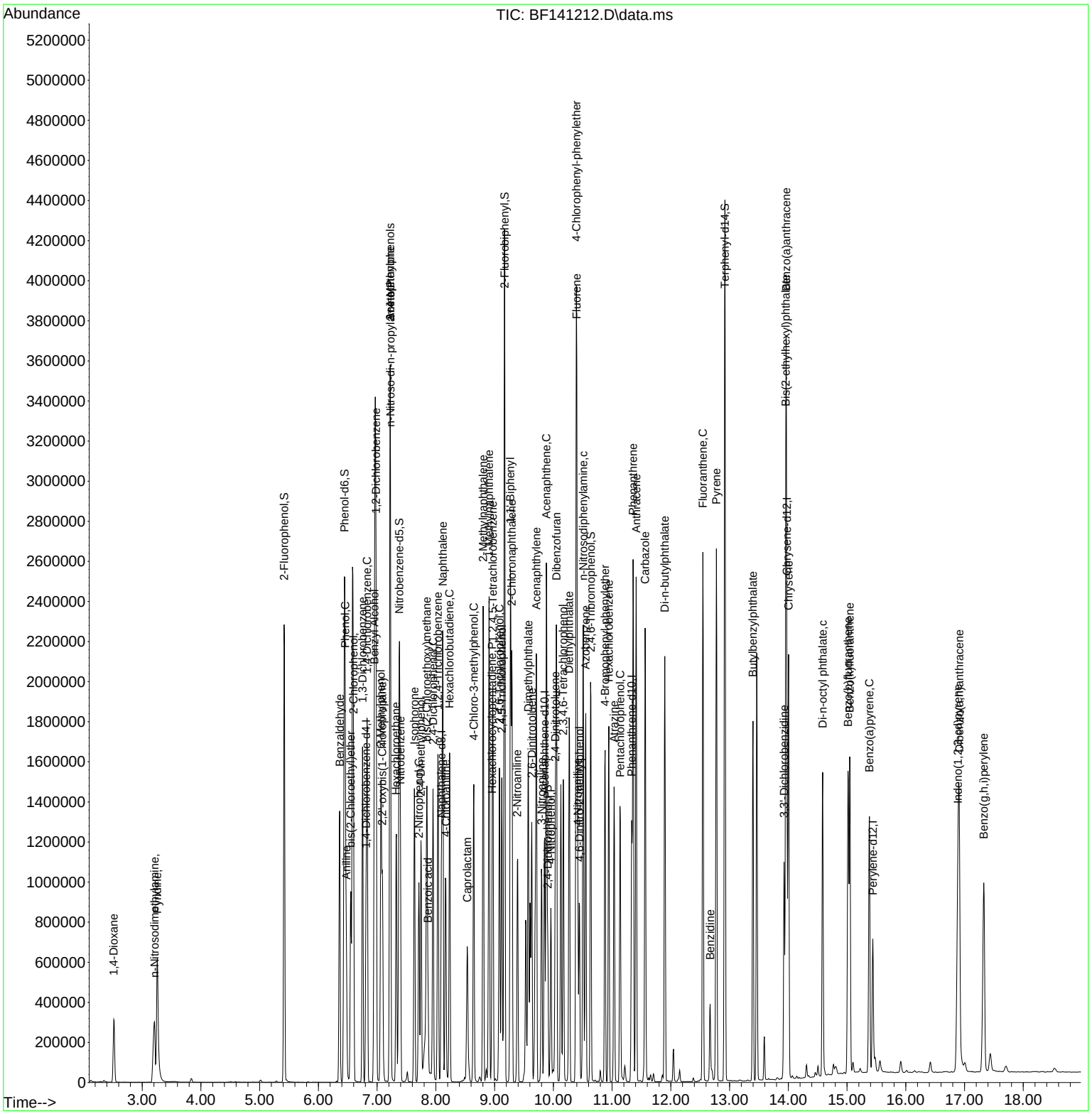
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	309532	39.913	ng	98
46) 1,1'-Biphenyl	9.269	154	1147801	38.962	ng	99
47) 2-Chloronaphthalene	9.292	162	898296	39.150	ng	100
48) 2-Nitroaniline	9.386	65	269989	39.694	ng	98
49) Acenaphthylene	9.710	152	1284397	39.180	ng	100
50) Dimethylphthalate	9.575	163	1010444	39.677	ng	100
51) 2,6-Dinitrotoluene	9.633	165	238558	40.283	ng	98
52) Acenaphthene	9.881	154	914414	39.925	ng	99
53) 3-Nitroaniline	9.798	138	243673	40.490	ng	97
54) 2,4-Dinitrophenol	9.904	184	130404	46.326	ng	93
55) Dibenzofuran	10.051	168	1219686	39.152	ng	99
56) 4-Nitrophenol	9.957	139	198979	42.217	ng	99
57) 2,4-Dinitrotoluene	10.033	165	320306	41.969	ng	98
58) Fluorene	10.398	166	955100	39.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	264691	41.061	ng	99
60) Diethylphthalate	10.269	149	991777	39.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	470770	39.909	ng	100
62) 4-Nitroaniline	10.416	138	249961	42.436	ng	99
63) Azobenzene	10.551	77	946738	38.592	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	182578	48.341	ng	94
66) n-Nitrosodiphenylamine	10.510	169	830832	39.521	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	307567	40.988	ng	98
68) Hexachlorobenzene	10.945	284	350408	41.949	ng	97
69) Atrazine	11.033	200	259196	45.790	ng	99
70) Pentachlorophenol	11.139	266	230220	43.036	ng	99
71) Phenanthrene	11.357	178	1401546	40.054	ng	99
72) Anthracene	11.410	178	1386401	40.747	ng	100
73) Carbazole	11.563	167	1288279	41.294	ng	100
74) Di-n-butylphthalate	11.898	149	1507420	42.220	ng	100
75) Fluoranthene	12.545	202	1506192	43.134	ng	99
77) Benzidine	12.669	184	226849	28.113	ng	100
78) Pyrene	12.774	202	1510983	36.356	ng	99
80) Butylbenzylphthalate	13.398	149	575326	41.520	ng	98
81) Benzo(a)anthracene	13.963	228	1133698	38.283	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	328537	34.842	ng	99
83) Chrysene	14.004	228	1014991	36.630	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	690140	41.510	ng	100
85) Di-n-octyl phthalate	14.586	149	998346	39.765	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1035784	37.377	ng	98
88) Benzo(b)fluoranthene	15.015	252	1010647	41.435	ng	99
89) Benzo(k)fluoranthene	15.045	252	820048	39.784	ng	100
90) Benzo(a)pyrene	15.380	252	809044	40.203	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	844969	37.699	ng	98
92) Benzo(g,h,i)perylene	17.327	276	857662	36.788	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



Sample Results: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	101	-0.01
2		1,4-Dioxane	0.577	0.544	5.7	97	-0.02
3		Pyridine	1.414	1.277	9.7	95	-0.02
4		n-Nitrosodimethylamine	0.691	0.649	6.1	96	-0.02
5	S	2-Fluorophenol	1.295	1.234	4.7	100	-0.01
6		Aniline	1.456	1.201	17.5	85	-0.01
7	S	Phenol-d6	1.640	1.572	4.1	101	0.00
8		2-Chlorophenol	1.389	1.356	2.4	102	0.00
9		Benzaldehyde	0.966	1.104	-14.3	131	0.00
10	C	Phenol	1.756	1.659	5.5	98	0.00
11		bis(2-Chloroethyl)ether	1.308	1.256	4.0	101	0.00
12		1,3-Dichlorobenzene	1.549	1.533	1.0	105	-0.01
13	C	1,4-Dichlorobenzene	1.561	1.522	2.5	102	-0.01
14		1,2-Dichlorobenzene	1.456	1.425	2.1	104	-0.01
15		Benzyl Alcohol	1.184	1.165	1.6	101	-0.01
16		2,2'-oxybis(1-Chloropropane	1.826	1.644	10.0	94	-0.01
17		2-Methylphenol	1.121	1.090	2.8	101	0.00
18		Hexachloroethane	0.565	0.552	2.3	101	-0.01
19	P	n-Nitroso-di-n-propylamine	0.966	0.910	5.8	101	0.00
20		3+4-Methylphenols	1.415	1.363	3.7	100	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	100	-0.01
22		Acetophenone	0.475	0.460	3.2	104	-0.01
23	S	Nitrobenzene-d5	0.377	0.372	1.3	102	-0.01
24		Nitrobenzene	0.393	0.384	2.3	102	0.00
25		Isophorone	0.645	0.635	1.6	103	0.00
26	C	2-Nitrophenol	0.179	0.188	-5.0	105	-0.01
27		2,4-Dimethylphenol	0.241	0.238	1.2	101	0.00
28		bis(2-Chloroethoxy)methane	0.405	0.395	2.5	102	0.00
29	C	2,4-Dichlorophenol	0.287	0.291	-1.4	105	0.00
30		1,2,4-Trichlorobenzene	0.328	0.326	0.6	104	-0.01
31		Naphthalene	1.055	1.037	1.7	104	-0.01
32		Benzoic acid	0.231	0.251	-8.7	106	0.00
33		4-Chloroaniline	0.365	0.318	12.9	92	0.00
34	C	Hexachlorobutadiene	0.197	0.198	-0.5	105	-0.01
35		Caprolactam	0.094	0.094	0.0	104	-0.01
36	C	4-Chloro-3-methylphenol	0.313	0.319	-1.9	106	0.00
37		2-Methylnaphthalene	0.672	0.666	0.9	104	-0.01
38		1-Methylnaphthalene	0.662	0.654	1.2	105	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.574	0.569	0.9	107	-0.01
41	P	Hexachlorocyclopentadiene	0.188	0.196	-4.3	102	-0.01
42	S	2,4,6-Tribromophenol	0.228	0.244	-7.0	116	-0.01
43	C	2,4,6-Trichlorophenol	0.387	0.400	-3.4	110	-0.01
44		2,4,5-Trichlorophenol	0.409	0.408	0.2	106	0.00
45	S	2-Fluorobiphenyl	1.310	1.265	3.4	108	-0.01
46		1,1'-Biphenyl	1.553	1.513	2.6	106	-0.01
47		2-Chloronaphthalene	1.210	1.184	2.1	106	-0.01

Sample Results: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	0.359	0.356	0.8	106	-0.01
49		Acenaphthylene	1.728	1.693	2.0	106	-0.01
50		Dimethylphthalate	1.343	1.332	0.8	107	0.00
51		2,6-Dinitrotoluene	0.312	0.314	-0.6	105	-0.01
52	C	Acenaphthene	1.208	1.205	0.2	108	-0.01
53		3-Nitroaniline	0.317	0.321	-1.3	106	-0.01
54	P	2,4-Dinitrophenol	0.148	0.172	-16.2	115	-0.01
55		Dibenzofuran	1.642	1.608	2.1	106	-0.01
56	P	4-Nitrophenol	0.248	0.262	-5.6	109	0.00
57		2,4-Dinitrotoluene	0.402	0.422	-5.0	111	-0.01
58		Fluorene	1.276	1.259	1.3	110	-0.01
59		2,3,4,6-Tetrachlorophenol	0.340	0.349	-2.6	110	-0.01
60		Diethylphthalate	1.311	1.307	0.3	109	-0.01
61		4-Chlorophenyl-phenylether	0.622	0.621	0.2	109	-0.01
62		4-Nitroaniline	0.311	0.329	-5.8	114	0.00
63		Azobenzene	1.293	1.248	3.5	105	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	111	-0.01
65		4,6-Dinitro-2-methylphenol	0.116	0.140	-20.7	120	0.00
66	c	n-Nitrosodiphenylamine	0.645	0.637	1.2	108	-0.01
67		4-Bromophenyl-phenylether	0.230	0.236	-2.6	113	-0.01
68		Hexachlorobenzene	0.256	0.269	-5.1	116	-0.01
69		Atrazine	0.174	0.199	-14.4	156#	-0.01
70	C	Pentachlorophenol	0.164	0.177	-7.9	113	0.00
71		Phenanthrene	1.074	1.075	-0.1	112	-0.01
72		Anthracene	1.044	1.064	-1.9	113	-0.01
73		Carbazole	0.957	0.988	-3.2	116	-0.01
74		Di-n-butylphthalate	1.096	1.156	-5.5	118	-0.01
75	C	Fluoranthene	1.071	1.155	-7.8	123	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	133	-0.01
77		Benzidine	0.371	0.261	29.6#	85	-0.01
78		Pyrene	1.910	1.736	9.1	125	-0.01
79	S	Terphenyl-d14	1.346	1.246	7.4	130	-0.01
80		Butylbenzylphthalate	0.637	0.661	-3.8	143	-0.01
81		Benzo(a)anthracene	1.361	1.303	4.3	139	-0.01
82		3,3'-Dichlorobenzidine	0.433	0.378	12.7	120	-0.01
83		Chrysene	1.274	1.166	8.5	128	-0.01
84		Bis(2-ethylhexyl)phthalate	0.764	0.793	-3.8	145	-0.02
85	c	Di-n-octyl phthalate	1.154	1.147	0.6	132	0.00
86	I	Perylene-d12	1.000	1.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	1.465	1.369	6.6	99	-0.01
88		Benzo(b)fluoranthene	1.290	1.336	-3.6	118	0.00
89		Benzo(k)fluoranthene	1.090	1.084	0.6	110	0.00
90	C	Benzo(a)pyrene	1.064	1.069	-0.5	109	0.00
91		Dibenzo(a,h)anthracene	1.185	1.117	5.7	99	0.00
92		Benzo(g,h,i)perylene	1.233	1.134	8.0	95	-0.01

Sample Results: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	101	-0.01
2		1,4-Dioxane	40.000	37.737	5.7	97	-0.02
3		Pyridine	40.000	36.137	9.7	95	-0.02
4		n-Nitrosodimethylamine	40.000	37.561	6.1	96	-0.02
5	S	2-Fluorophenol	80.000	76.264	4.7	100	-0.01
6		Aniline	40.000	32.996	17.5	85	-0.01
7	S	Phenol-d6	80.000	76.672	4.2	101	0.00
8		2-Chlorophenol	40.000	39.055	2.4	102	0.00
9		Benzaldehyde	40.000	45.735	-14.3	131	0.00
10	C	Phenol	40.000	37.794	5.5	98	0.00
11		bis(2-Chloroethyl)ether	40.000	38.405	4.0	101	0.00
12		1,3-Dichlorobenzene	40.000	39.571	1.1	105	-0.01
13	C	1,4-Dichlorobenzene	40.000	39.008	2.5	102	-0.01
14		1,2-Dichlorobenzene	40.000	39.132	2.2	104	-0.01
15		Benzyl Alcohol	40.000	39.357	1.6	101	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	36.020	9.9	94	-0.01
17		2-Methylphenol	40.000	38.876	2.8	101	0.00
18		Hexachloroethane	40.000	39.109	2.2	101	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	37.682	5.8	101	0.00
20		3+4-Methylphenols	40.000	38.549	3.6	100	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	100	-0.01
22		Acetophenone	40.000	38.705	3.2	104	-0.01
23	S	Nitrobenzene-d5	80.000	78.878	1.4	102	-0.01
24		Nitrobenzene	40.000	39.074	2.3	102	0.00
25		Isophorone	40.000	39.362	1.6	103	0.00
26	C	2-Nitrophenol	40.000	41.973	-4.9	105	-0.01
27		2,4-Dimethylphenol	40.000	39.434	1.4	101	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.065	2.3	102	0.00
29	C	2,4-Dichlorophenol	40.000	40.674	-1.7	105	0.00
30		1,2,4-Trichlorobenzene	40.000	39.859	0.4	104	-0.01
31		Naphthalene	40.000	39.335	1.7	104	-0.01
32		Benzoic acid	40.000	43.391	-8.5	106	0.00
33		4-Chloroaniline	40.000	34.865	12.8	92	0.00
34	C	Hexachlorobutadiene	40.000	40.119	-0.3	105	-0.01
35		Caprolactam	40.000	40.107	-0.3	104	-0.01
36	C	4-Chloro-3-methylphenol	40.000	40.655	-1.6	106	0.00
37		2-Methylnaphthalene	40.000	39.636	0.9	104	-0.01
38		1-Methylnaphthalene	40.000	39.518	1.2	105	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.665	0.8	107	-0.01
41	P	Hexachlorocyclopentadiene	40.000	41.678	-4.2	102	-0.01
42	S	2,4,6-Tribromophenol	80.000	85.576	-7.0	116	-0.01
43	C	2,4,6-Trichlorophenol	40.000	41.342	-3.4	110	-0.01
44		2,4,5-Trichlorophenol	40.000	39.913	0.2	106	0.00
45	S	2-Fluorobiphenyl	80.000	77.274	3.4	108	-0.01
46		1,1'-Biphenyl	40.000	38.962	2.6	106	-0.01
47		2-Chloronaphthalene	40.000	39.150	2.1	106	-0.01

Sample Results: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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	39.694	0.8	106	-0.01
49		Acenaphthylene	40.000	39.180	2.1	106	-0.01
50		Dimethylphthalate	40.000	39.677	0.8	107	0.00
51		2,6-Dinitrotoluene	40.000	40.283	-0.7	105	-0.01
52	C	Acenaphthene	40.000	39.925	0.2	108	-0.01
53		3-Nitroaniline	40.000	40.490	-1.2	106	-0.01
54	P	2,4-Dinitrophenol	40.000	46.326	-15.8	115	-0.01
55		Dibenzofuran	40.000	39.152	2.1	106	-0.01
56	P	4-Nitrophenol	40.000	42.217	-5.5	109	0.00
57		2,4-Dinitrotoluene	40.000	41.969	-4.9	111	-0.01
58		Fluorene	40.000	39.463	1.3	110	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	41.061	-2.7	110	-0.01
60		Diethylphthalate	40.000	39.892	0.3	109	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.909	0.2	109	-0.01
62		4-Nitroaniline	40.000	42.436	-6.1	114	0.00
63		Azobenzene	40.000	38.592	3.5	105	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	111	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	48.341	-20.9	120	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.521	1.2	108	-0.01
67		4-Bromophenyl-phenylether	40.000	40.988	-2.5	113	-0.01
68		Hexachlorobenzene	40.000	41.949	-4.9	116	-0.01
69		Atrazine	40.000	45.790	-14.5	156	-0.01
70	C	Pentachlorophenol	40.000	43.036	-7.6	113	0.00
71		Phenanthrene	40.000	40.054	-0.1	112	-0.01
72		Anthracene	40.000	40.747	-1.9	113	-0.01
73		Carbazole	40.000	41.294	-3.2	116	-0.01
74		Di-n-butylphthalate	40.000	42.220	-5.5	118	-0.01
75	C	Fluoranthene	40.000	43.134	-7.8	123	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	133	-0.01
77		Benzidine	40.000	28.113	29.7#	85	-0.01
78		Pyrene	40.000	36.356	9.1	125	-0.01
79	S	Terphenyl-d14	80.000	74.080	7.4	130	-0.01
80		Butylbenzylphthalate	40.000	41.520	-3.8	143	-0.01
81		Benzo(a)anthracene	40.000	38.283	4.3	139	-0.01
82		3,3'-Dichlorobenzidine	40.000	34.842	12.9	120	-0.01
83		Chrysene	40.000	36.630	8.4	128	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	41.510	-3.8	145	-0.02
85	c	Di-n-octyl phthalate	40.000	39.765	0.6	132	0.00
86	I	Perylene-d12	20.000	20.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.377	6.6	99	-0.01
88		Benzo(b)fluoranthene	40.000	41.435	-3.6	118	0.00
89		Benzo(k)fluoranthene	40.000	39.784	0.5	110	0.00
90	C	Benzo(a)pyrene	40.000	40.203	-0.5	109	0.00
91		Dibenzo(a,h)anthracene	40.000	37.699	5.8	99	0.00
92		Benzo(g,h,i)perylene	40.000	36.788	8.0	95	-0.01

Sample Results: **BF141212.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 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

QC SAMPLE DATA

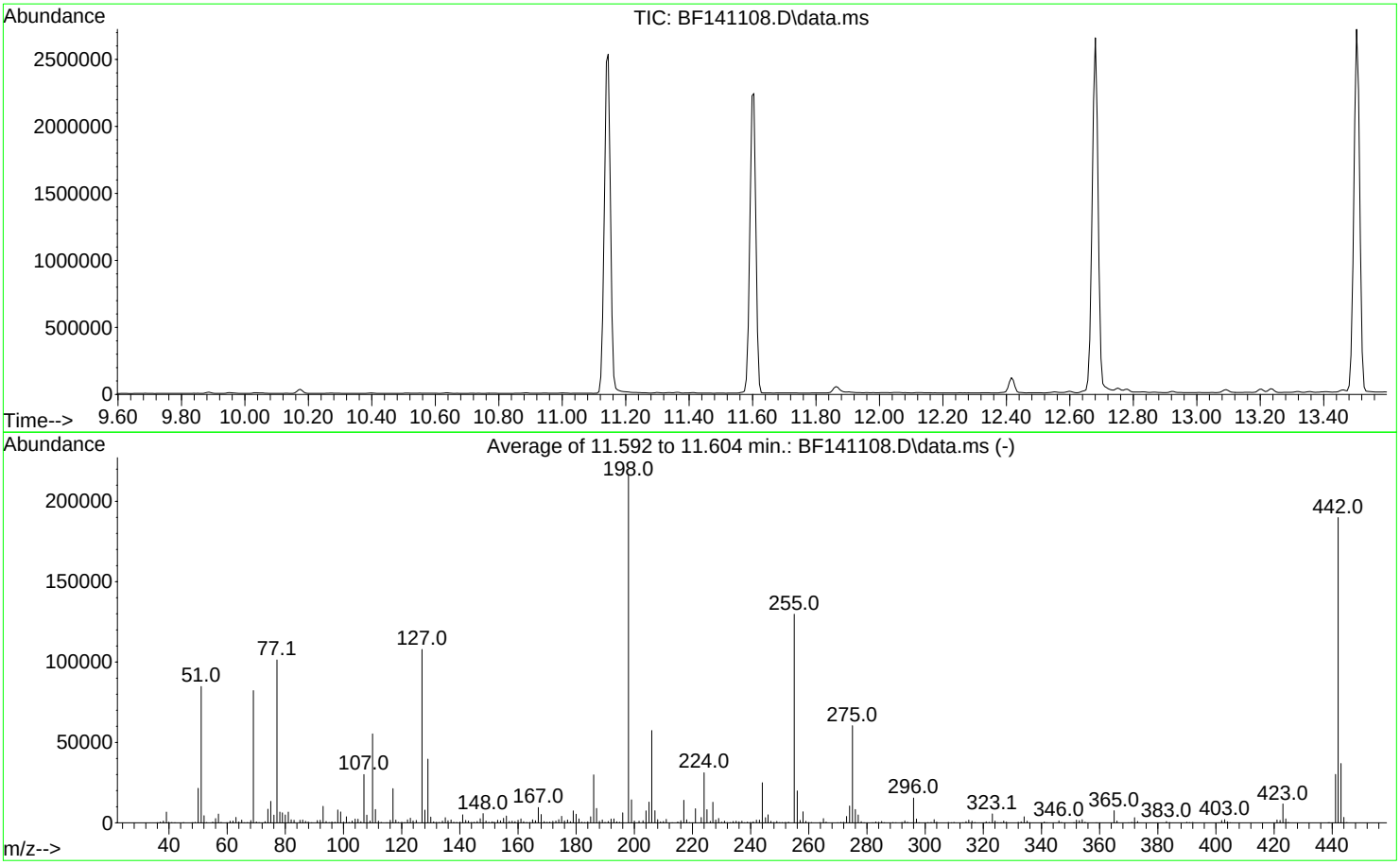
Sample Results: **BF141108.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141108.D
Acq On : 10 Jan 2025 11:32
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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 10 22:54:19 2025



AutoFind: Scans 1615, 1616, 1617; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.2	84750	PASS
68	69	0.00	2	1.8	1445	PASS
69	198	0.00	100	38.0	82278	PASS
70	69	0.00	2	0.7	551	PASS
127	198	10	80	49.8	107843	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	216341	PASS
199	198	5	9	6.6	14307	PASS
275	198	10	60	27.9	60421	PASS
365	198	1	100	3.5	7523	PASS
441	198	0.01	100	13.9	30123	PASS
442	442	50	100	100.0	189923	PASS
443	442	15	24	19.4	36936	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/10/2025	BNA_F	BF141108.D
Compound Name	**Response**	**Retention Time**
DDT	677363	13.504
DDD	13521	13.204
DDE	752	12.869
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
14273	691636	2.06

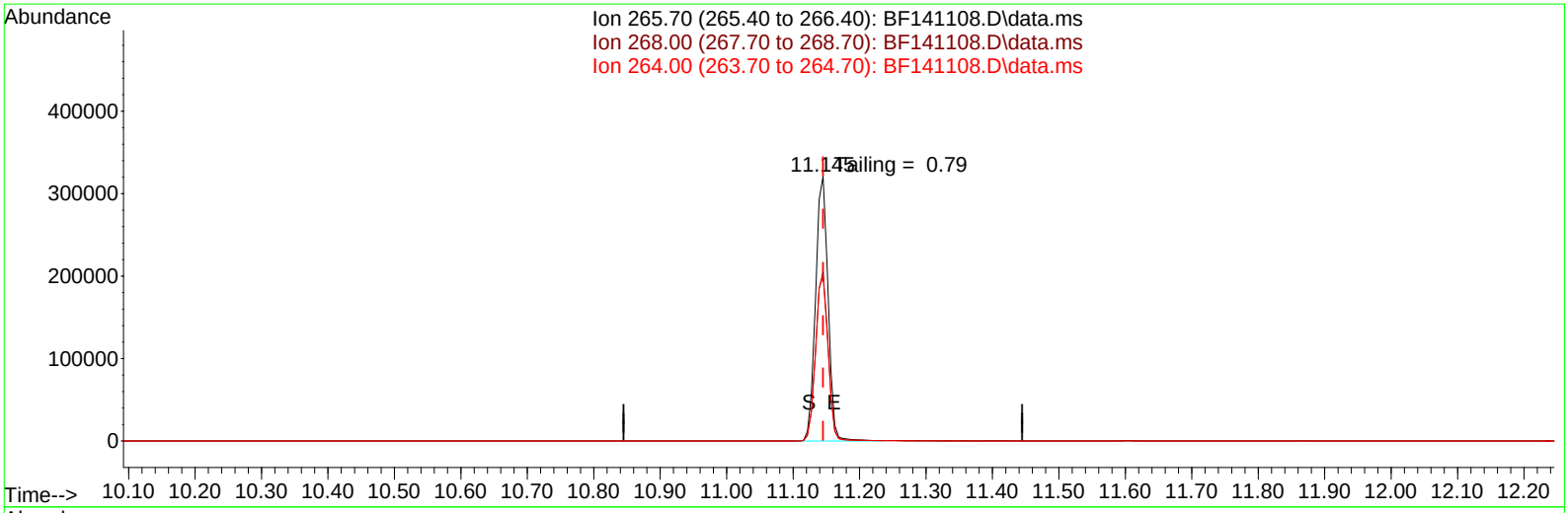
Instrument :
BNA_F
ClientSampleId :
DFTPP

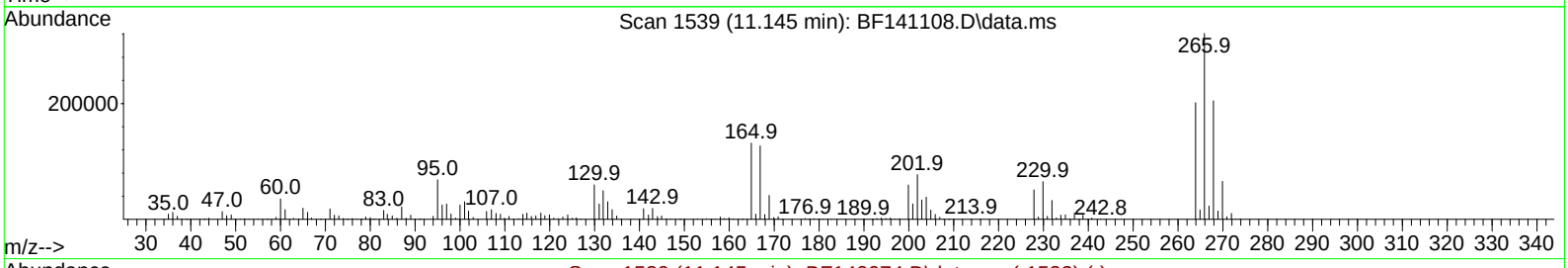
Sample Results: **BF141108.D**

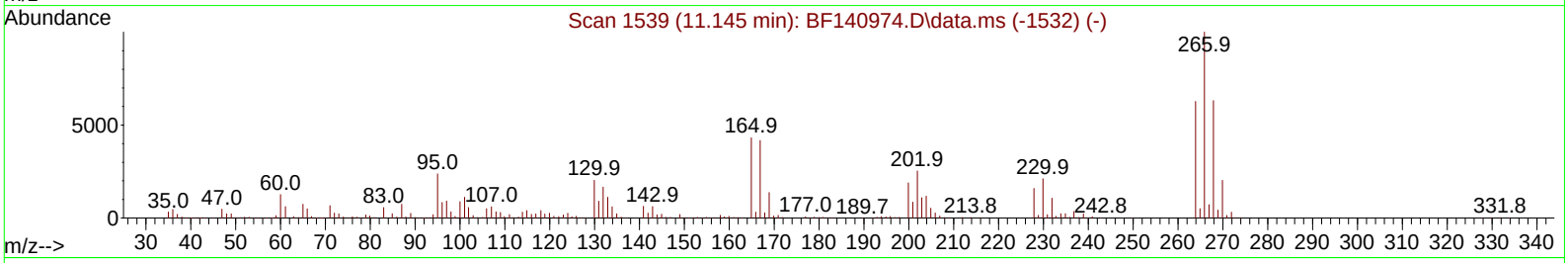
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141108.D
Acq On : 10 Jan 2025 11:32
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 10 12:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 12:07:52 2025
Response via : Initial Calibration







TIC: BF141108.D\data.ms

(70) Pentachlorophenol (C)

11.145min (+ 0.000) 27837.42 ng

response 420211

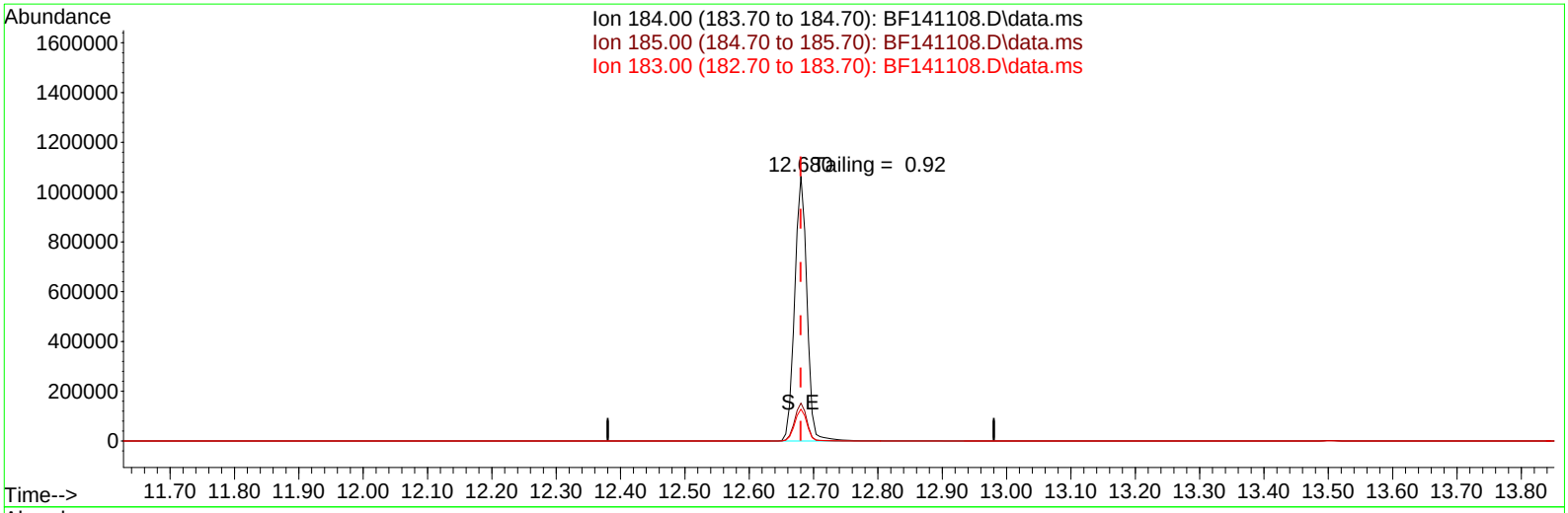
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.79
264.00	62.80	62.71
0.00	0.00	0.00

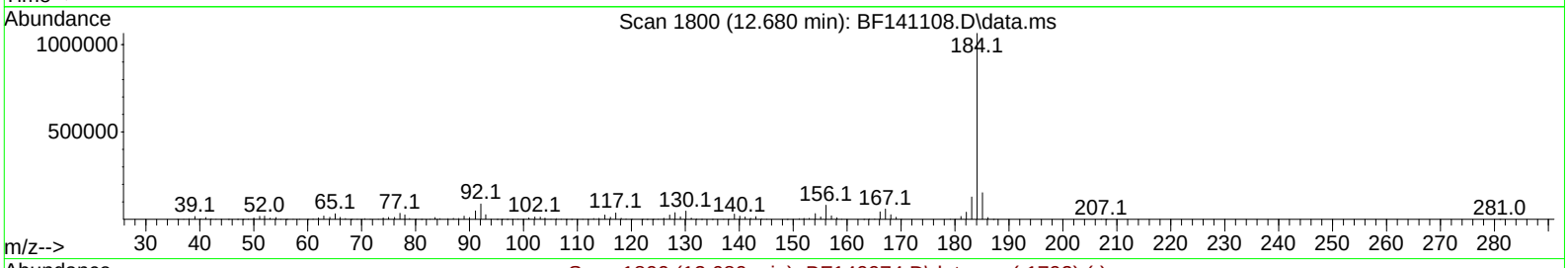
Sample Results: **BF141108.D**

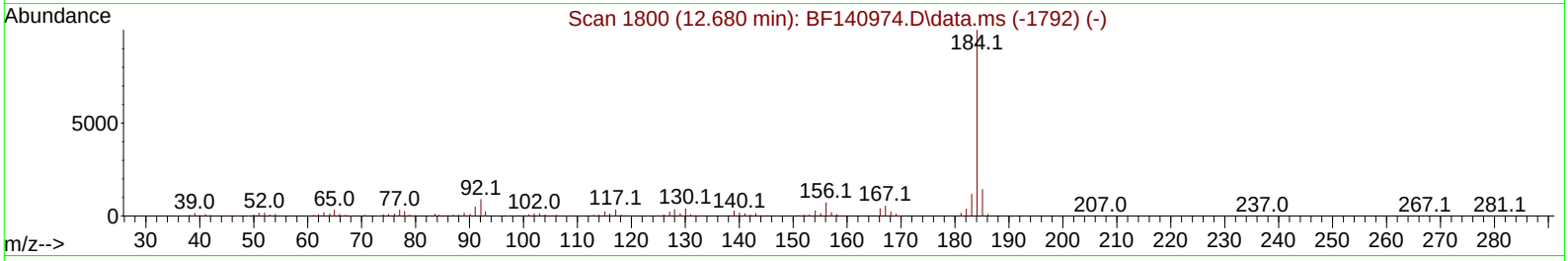
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141108.D
Acq On : 10 Jan 2025 11:32
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 10 12:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 12:07:52 2025
Response via : Initial Calibration







TIC: BF141108.D\data.ms

(77) Benzidine

12.680min (-0.000) 47053.75 ng

response 1415080

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.35
183.00	11.70	12.05
0.00	0.00	0.00

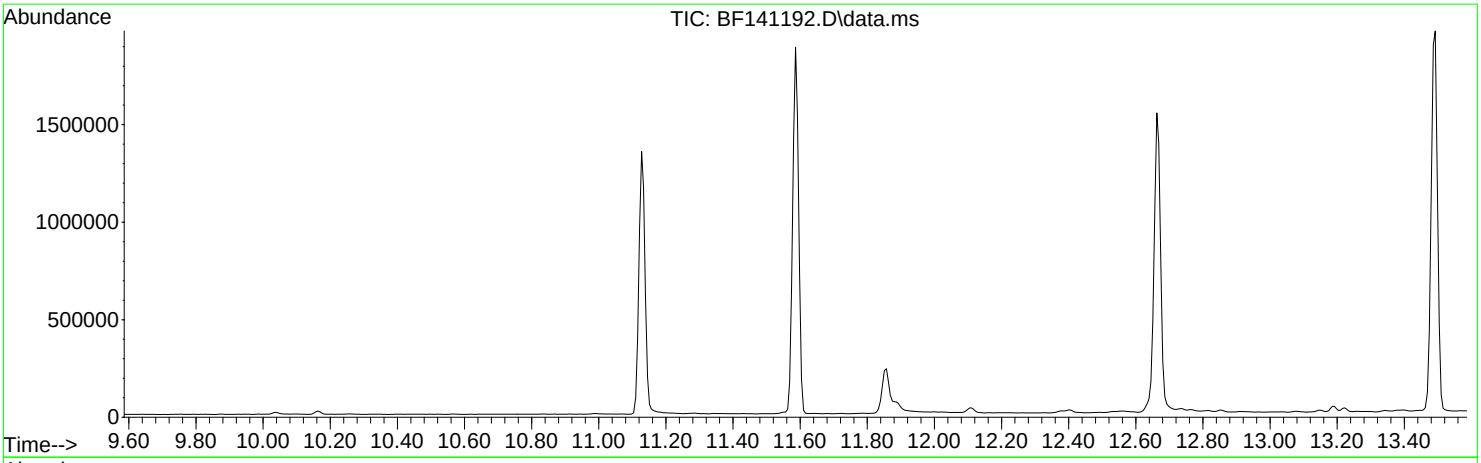
Sample Results: **BF141192.D**

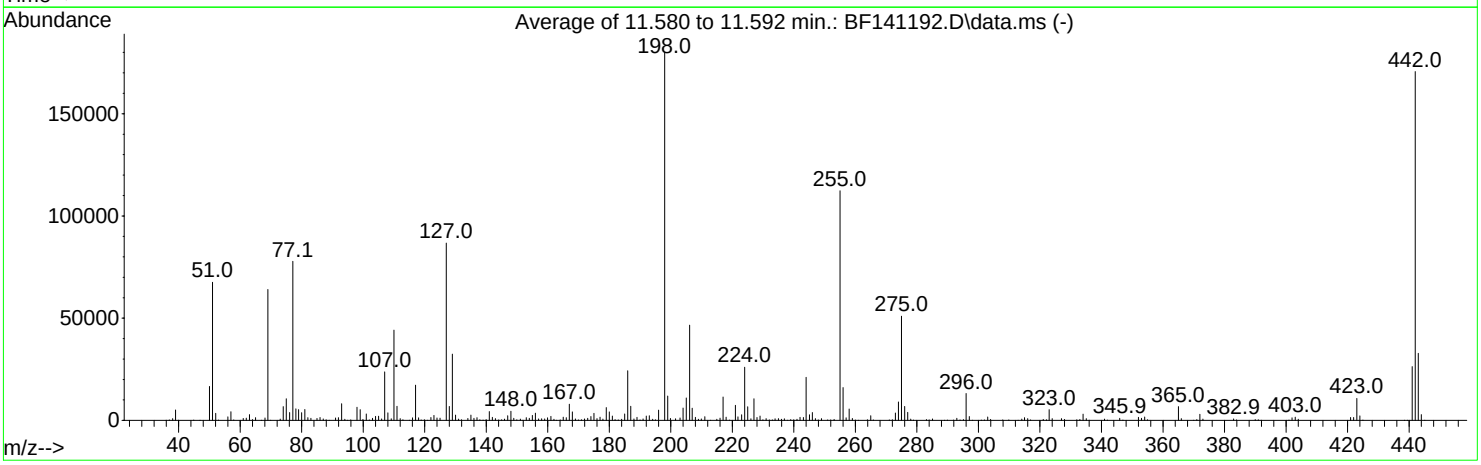
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141192.D
Acq On : 17 Jan 2025 14:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 10 22:54:19 2025





AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.5	67540	PASS
68	69	0.00	2	1.8	1145	PASS
69	198	0.00	100	35.6	64039	PASS
70	69	0.00	2	0.1	63	PASS
127	198	10	80	48.2	86749	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	179968	PASS
199	198	5	9	6.6	11915	PASS
275	198	10	60	28.3	50933	PASS
365	198	1	100	3.8	6771	PASS
441	198	0.01	100	14.6	26331	PASS
442	442	50	100	100.0	170675	PASS
443	442	15	24	19.2	32779	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/17/2025	BNA_F	BF141192.D
Compound Name	**Response**	**Retention Time**
DDT	489441	13.492
DDD	12774	13.192
DDE	1830	12.851
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
14604	504045	2.90

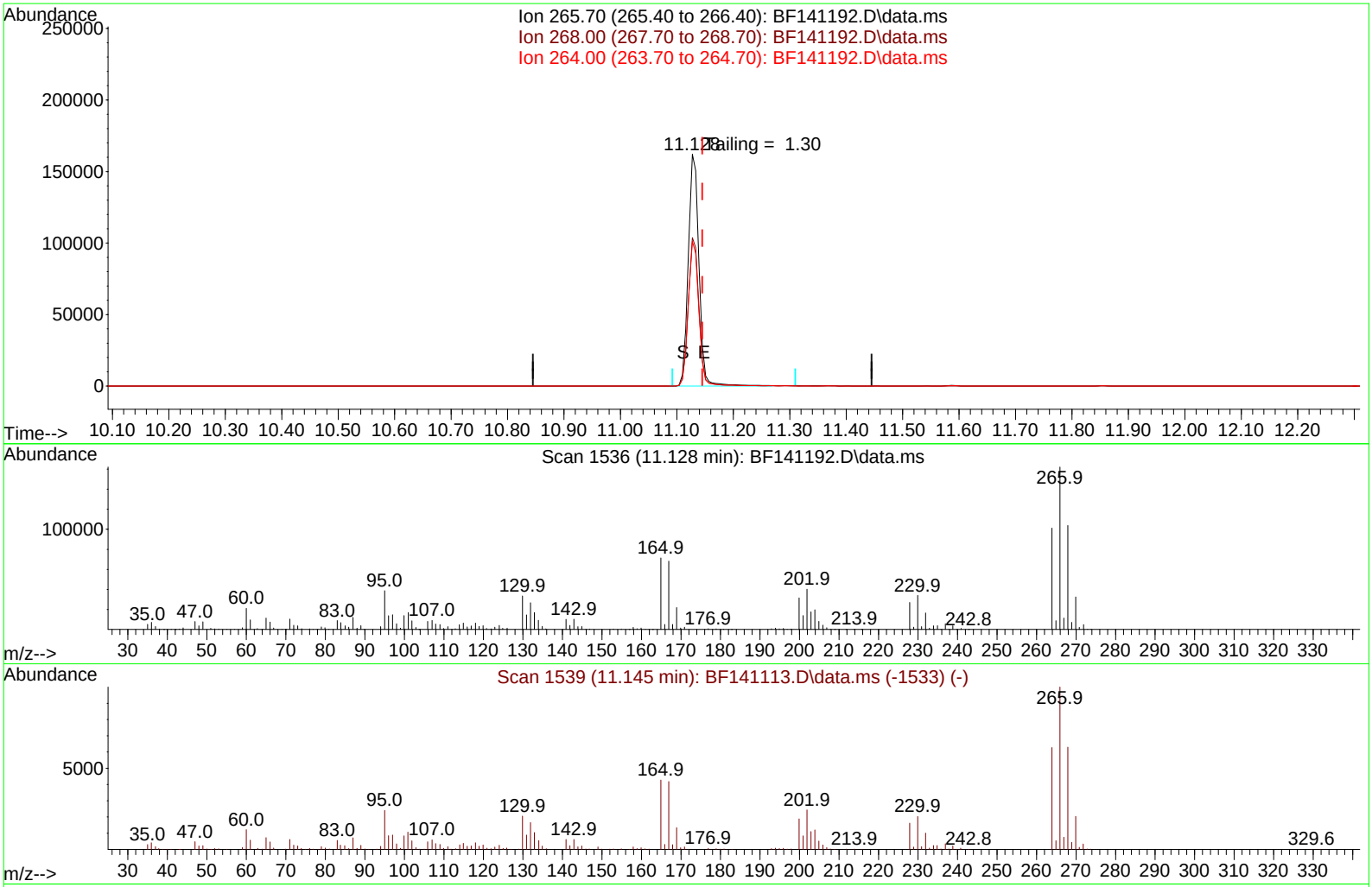
Instrument :
BNA_F
ClientSampleId :
DFTPP

Sample Results: **BF141192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141192.D
Acq On : 17 Jan 2025 14:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 17 15:59:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



TIC: BF141192.D\data.ms

(70) Pentachlorophenol (C)

11.128min (-0.018) 63009.31 ng

response 214616

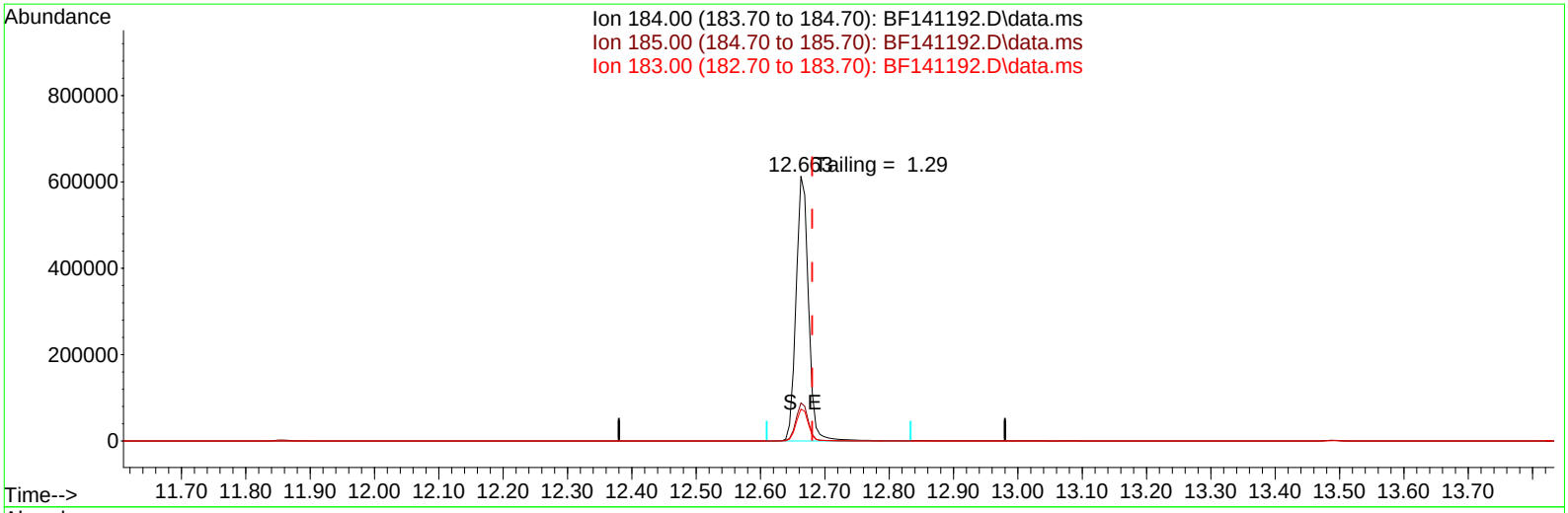
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.07
264.00	62.70	62.41
0.00	0.00	0.00

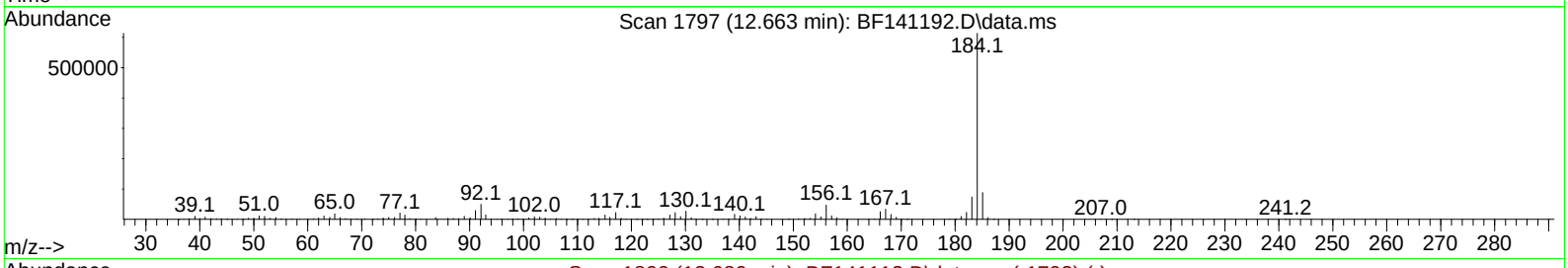
Sample Results: **BF141192.D**

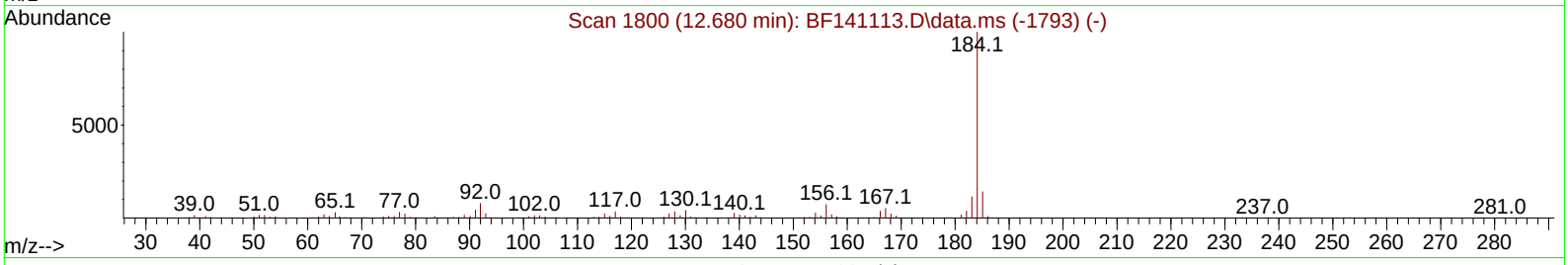
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141192.D
Acq On : 17 Jan 2025 14:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 17 15:59:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration







TIC: BF141192.D\data.ms

(77) Benzidine

12.663min (-0.018) 84932.11 ng

response 826882

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.40
183.00	11.50	12.05
0.00	0.00	0.00

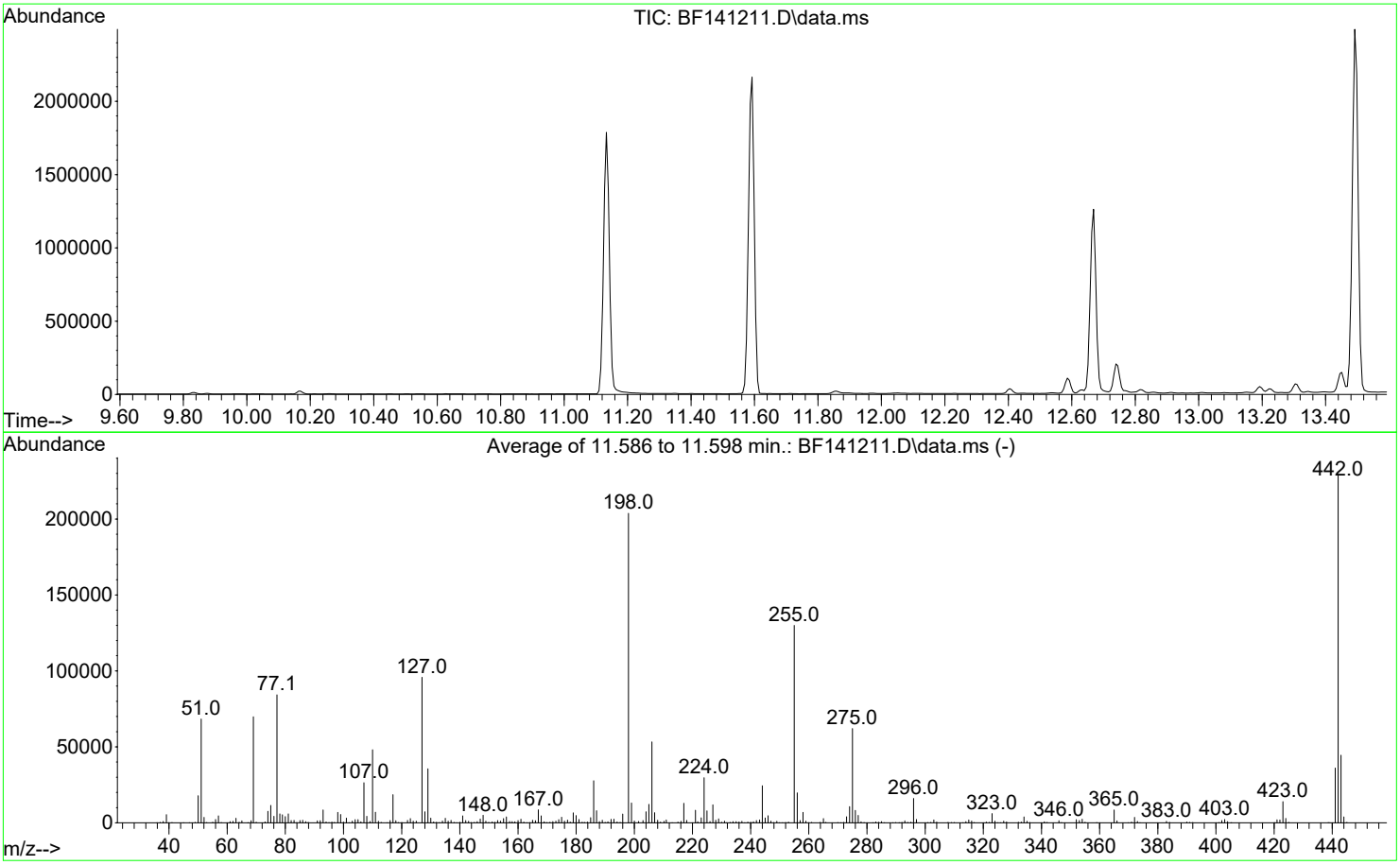
Sample Results: **BF141211.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141211.D
Acq On : 20 Jan 2025 09:40
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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 10 22:54:19 2025



AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	68317	PASS
68	69	0.00	2	2.0	1395	PASS
69	198	0.00	100	34.3	69851	PASS
70	69	0.00	2	0.6	440	PASS
127	198	10	80	47.0	95797	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	203712	PASS
199	198	5	9	6.4	13092	PASS
275	198	10	60	30.5	62040	PASS
365	198	1	100	4.1	8447	PASS
441	198	0.01	100	17.7	36021	PASS
442	442	50	100	100.0	228949	PASS
443	442	15	24	19.5	44563	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/20/2025	BNA_F	BF141211.D
Compound Name	**Response**	**Retention Time**
DDT	626135	13.492
DDD	17930	13.192
DDE	1512	12.857
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19442	645577	3.01

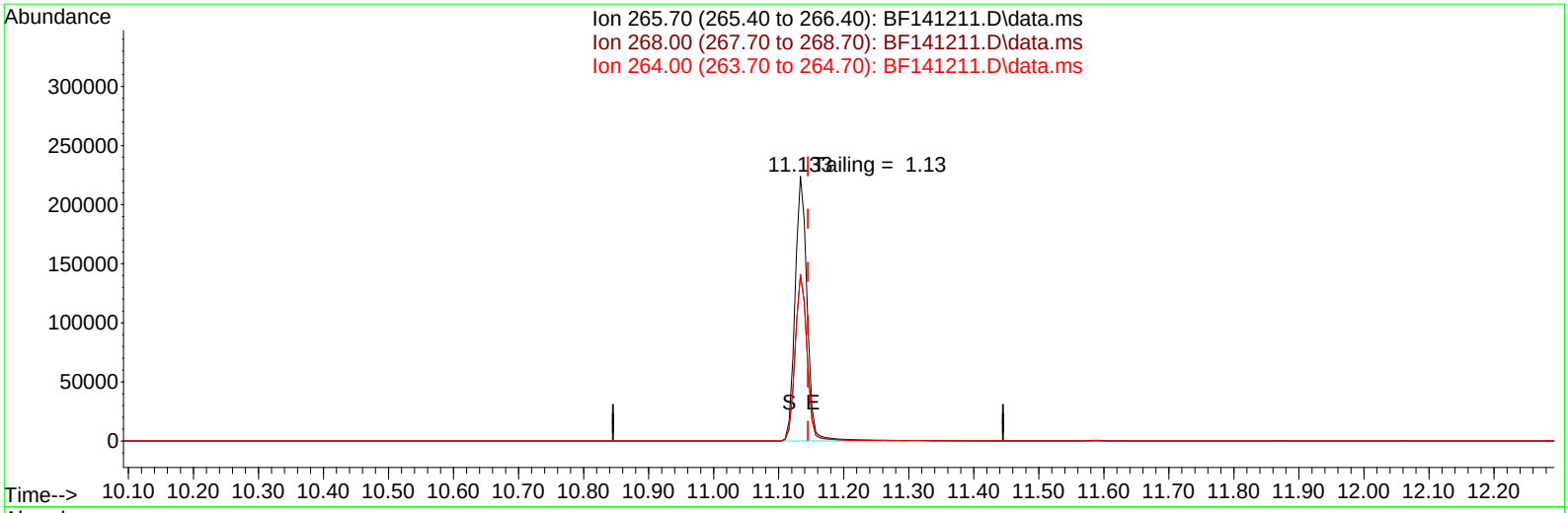
Instrument :
BNA_F
ClientSampleId :
DFTPP

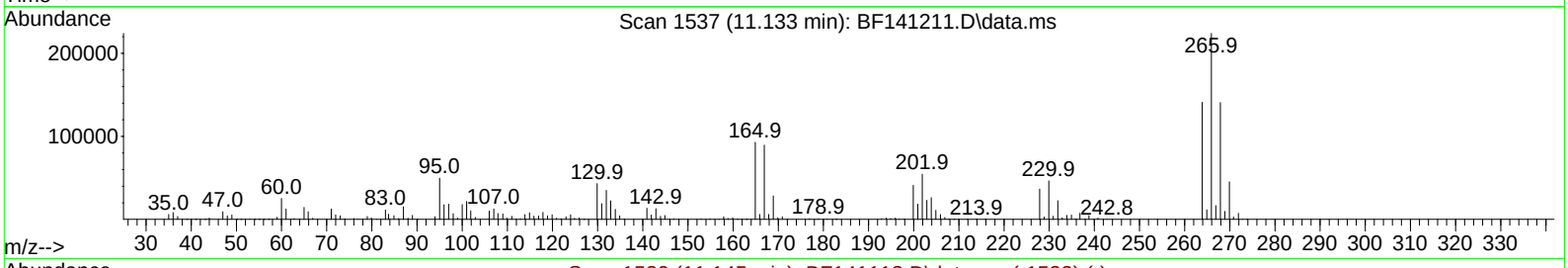
Sample Results: **BF141211.D**

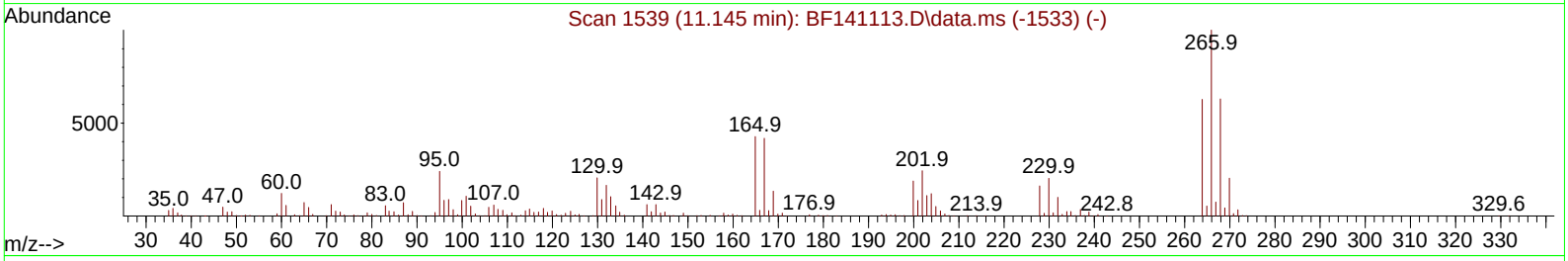
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141211.D
Acq On : 20 Jan 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 20 10:54:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration







TIC: BF141211.D\data.ms

(70) Pentachlorophenol (C)

11.133min (-0.012) 44495.62 ng

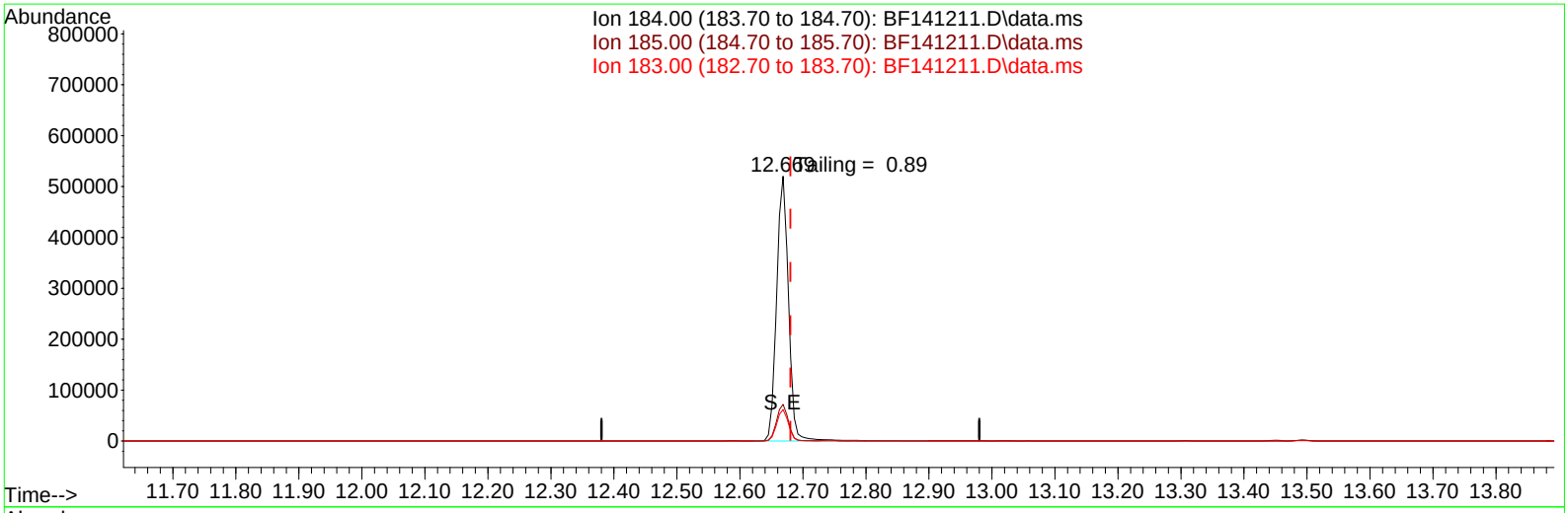
response 289966

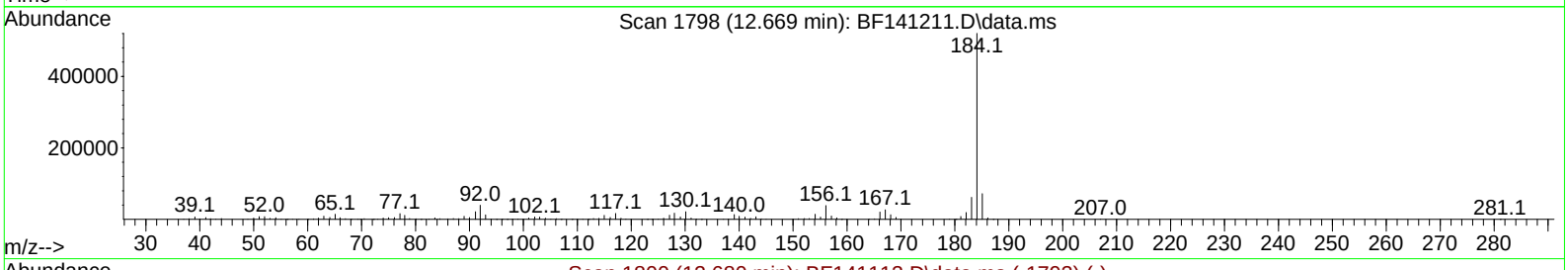
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	62.84
264.00	62.70	62.90
0.00	0.00	0.00

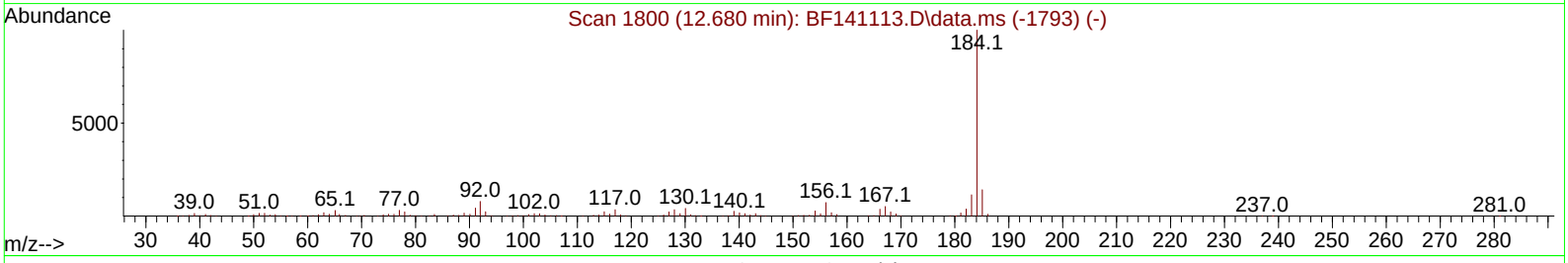
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141211.D
Acq On : 20 Jan 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 20 10:54:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration







TIC: BF141211.D\data.ms

(77) Benzidine

12.669min (-0.012) 48437.63 ng

response 683565

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	13.84
183.00	11.50	11.90
0.00	0.00	0.00

Raw Data: **BF141213.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:	
Project:	Monthly 2025			Date Received:	
Client Sample ID:	PB166115BL			SDG No.:	Q1119
Lab Sample ID:	PB166115BL			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141213.D	1	01/17/25 12:00	01/20/25 11:03	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.0016	U	0.0016	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.00084	U	0.00084	0.0050	mg/L
95-48-7	2-Methylphenol	0.0011	U	0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.0012	U	0.0012	0.010	mg/L
67-72-1	Hexachloroethane	0.0010	U	0.0010	0.0050	mg/L
98-95-3	Nitrobenzene	0.0013	U	0.0013	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.00089	U	0.00089	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0010	U	0.0010	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.0015	U	0.0015	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.0011	U	0.0011	0.0050	mg/L
87-86-5	Pentachlorophenol	0.0019	U	0.0019	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	90%	SPK: 150
13127-88-3	Phenol-d6	132		10 - 134	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.1		49 - 133	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.3		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		44 - 137	102%	SPK: 150
1718-51-0	Terphenyl-d14	87.9		48 - 125	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.81			
1146-65-2	Naphthalene-d8	650000	8.092			
15067-26-2	Acenaphthene-d10	351000	9.845			
1517-22-2	Phenanthrene-d10	609000	11.327			
1719-03-5	Chrysene-d12	443000	13.968			
1520-96-3	Perylene-d12	341000	15.433			

Raw Data: **BF141213.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:	
Project:	Monthly 2025			Date Received:	
Client Sample ID:	PB166115BL			SDG No.:	Q1119
Lab Sample ID:	PB166115BL			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141213.D	1	01/17/25 12:00	01/20/25 11:03	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF012025\
Data File : BF141213.D
Acq On : 20 Jan 2025 11:03
Operator : RC/JU
Sample : PB166115BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Quant Time: Jan 20 11:32:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

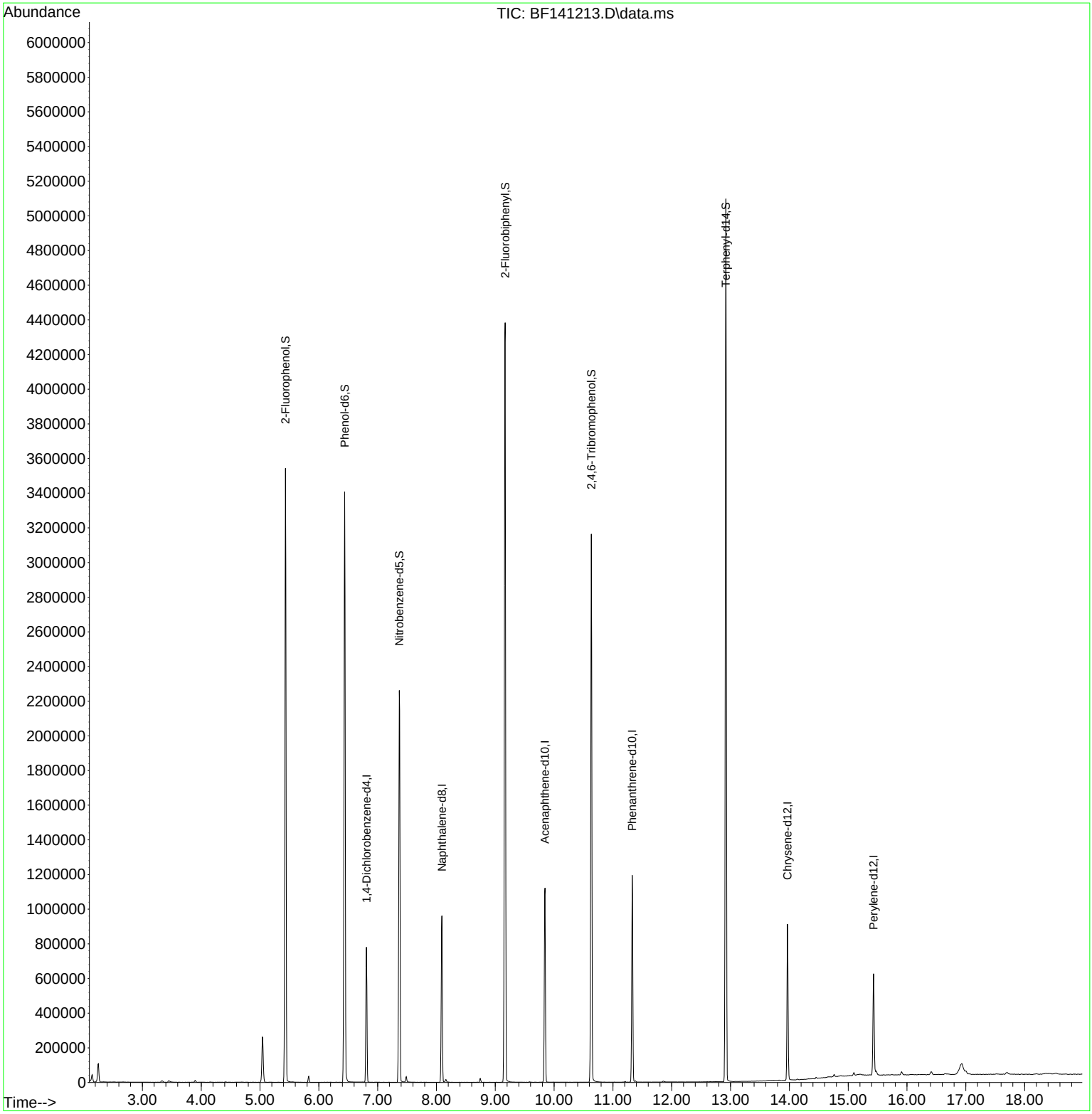
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	162829	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	650069	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	350613	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	609458	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	442806	20.000	ng	-0.02
86) Perylene-d12	15.433	264	340853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1416297	134.368	ng	0.00
7) Phenol-d6	6.440	99	1763897	132.110	ng	0.00
23) Nitrobenzene-d5	7.369	82	1153439	94.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	610447	152.803	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2164186	94.258	ng	-0.01
79) Terphenyl-d14	12.921	244	2617594	87.861	ng	-0.01
Target Compounds						Qvalue

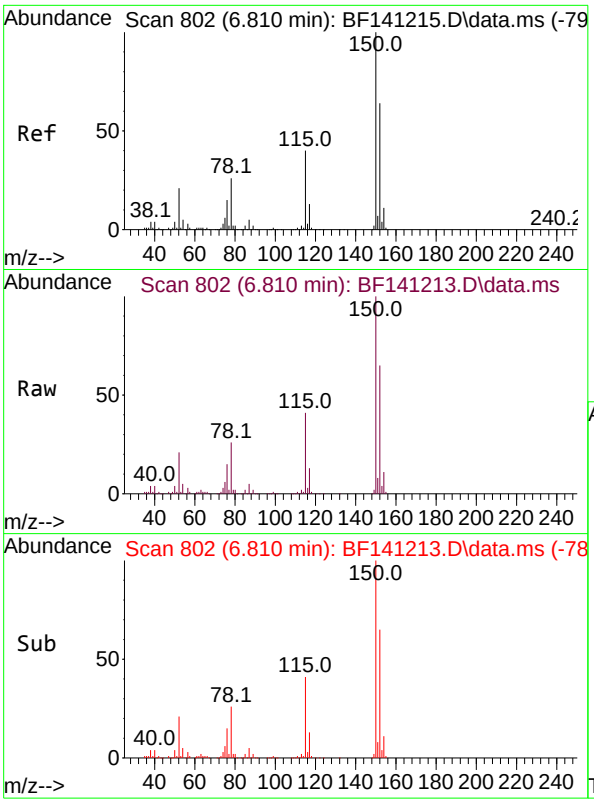
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141213.D
Acq On : 20 Jan 2025 11:03
Operator : RC/JU
Sample : PB166115BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Quant Time: Jan 20 11:32:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



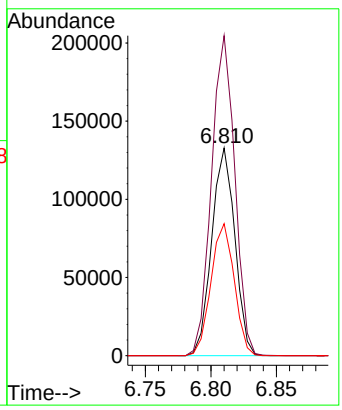


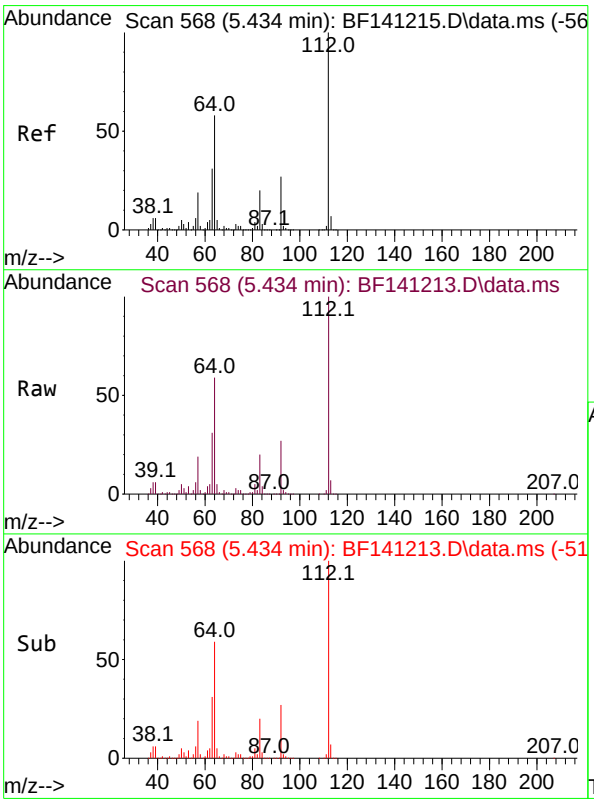
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:152 Resp: 162829

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.8
115	63.6	51.4	77.2

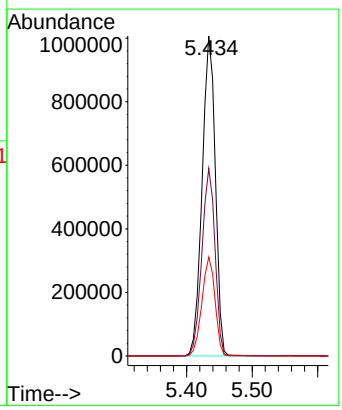


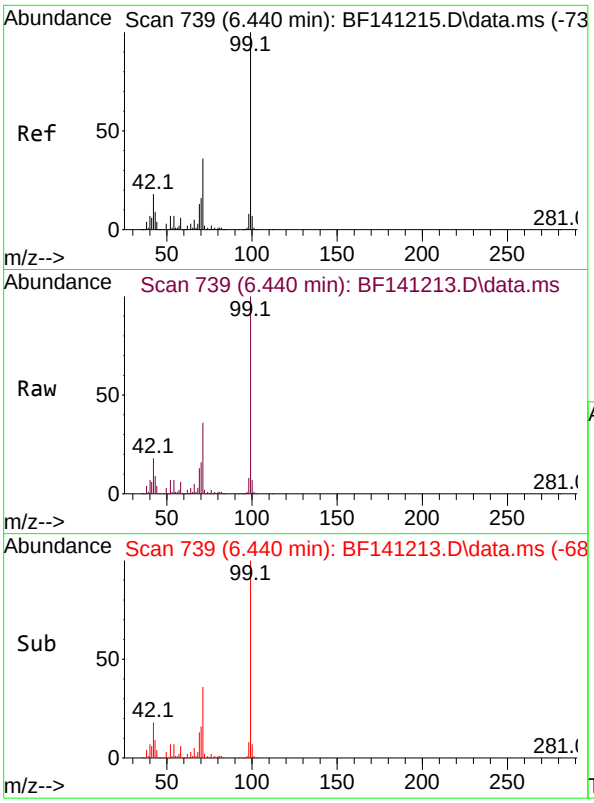


#5
2-Fluorophenol
Concen: 134.368 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:112 Resp: 1416297

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.3	70.9
63	30.9	24.2	36.2



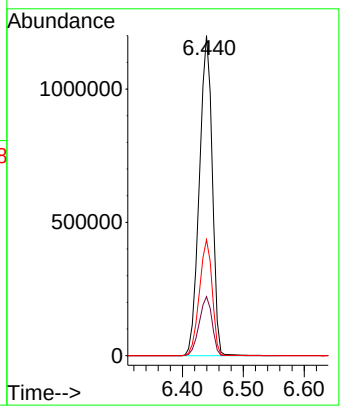


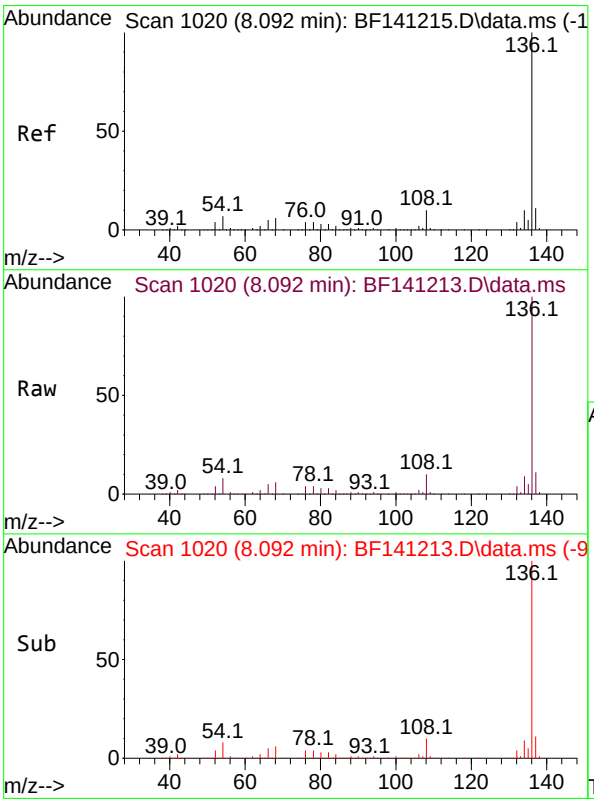
#7
Phenol-d6
Concen: 132.110 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion: 99 Resp: 1763897

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	36.3	27.6	41.4

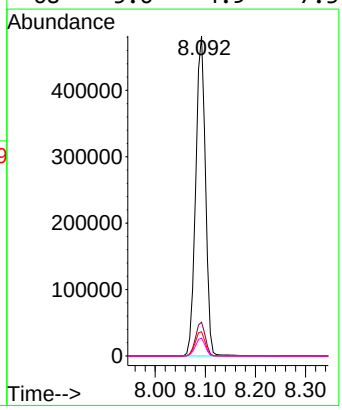


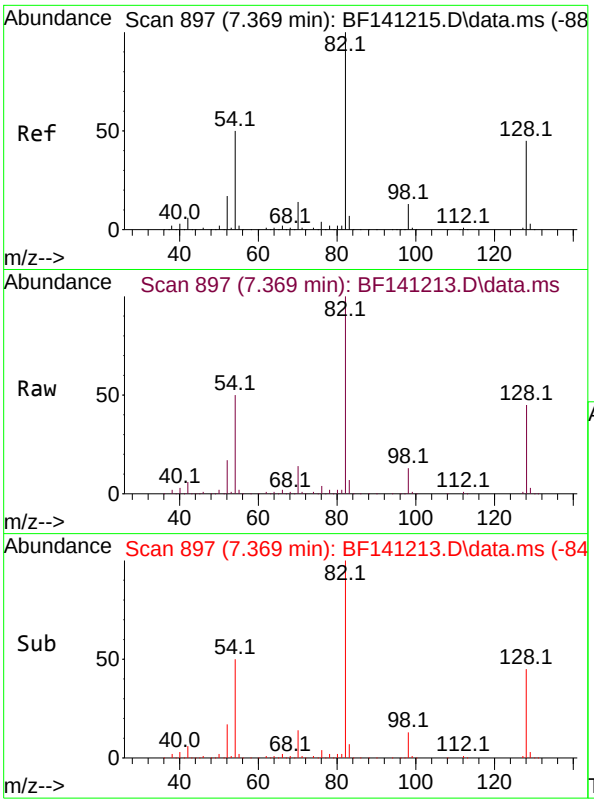


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:136 Resp: 650069

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	6.3	9.5
68	5.6	4.9	7.3



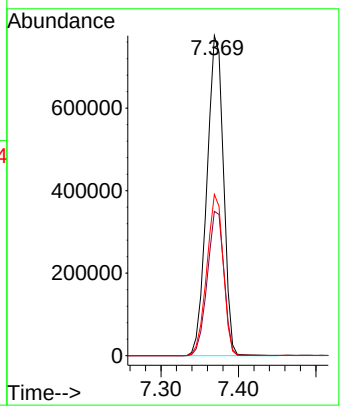


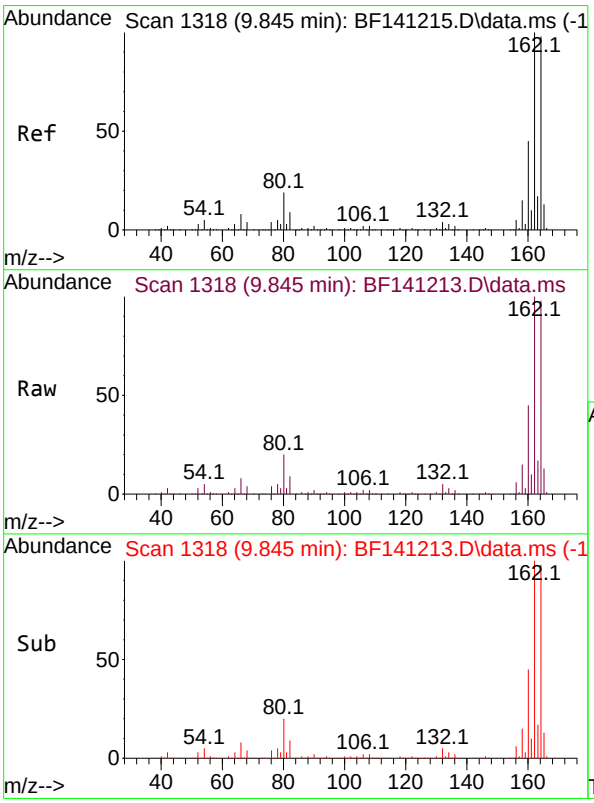
#23
Nitrobenzene-d5
Concen: 94.055 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion: 82 Resp: 1153439

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.4	41.0	61.4

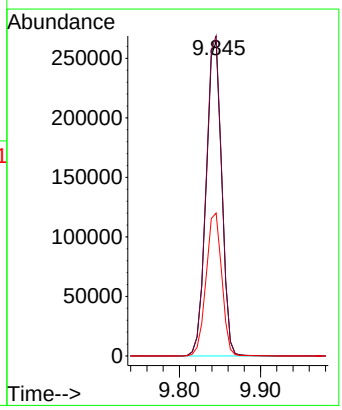


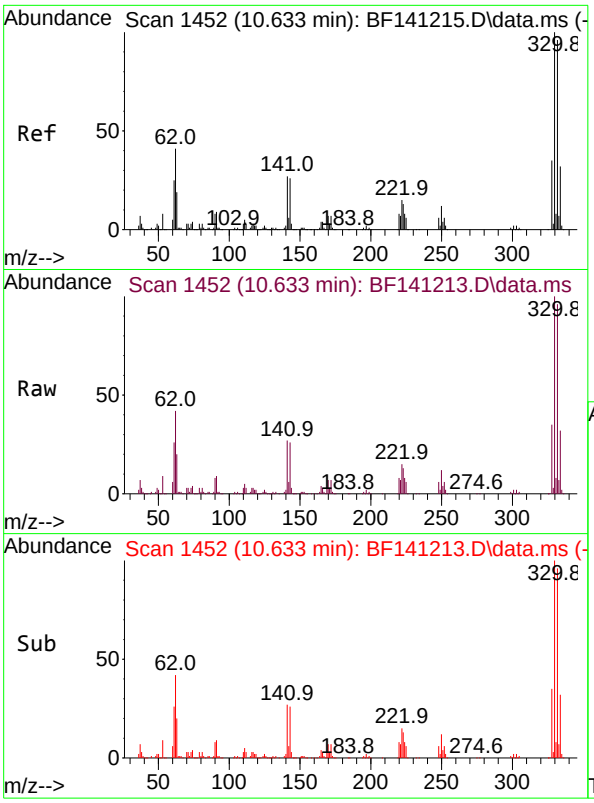


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:164 Resp: 350613

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.4	36.1	54.1



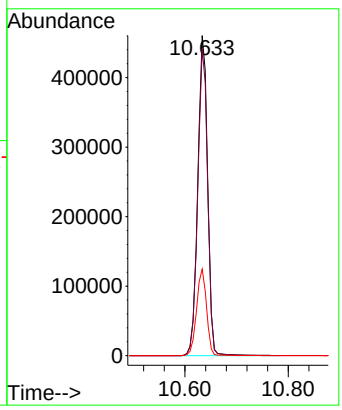


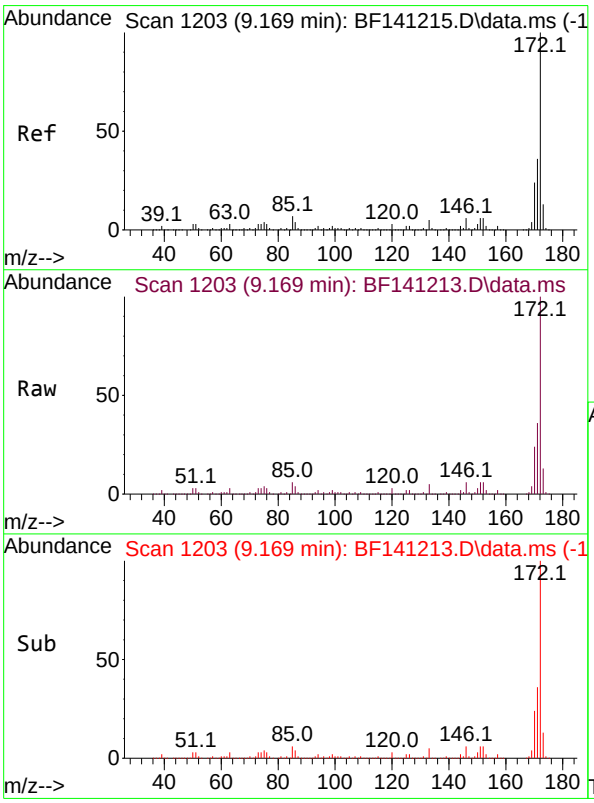
#42
2,4,6-Tribromophenol
Concen: 152.803 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:330 Resp: 610447

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	27.4	25.2	37.8

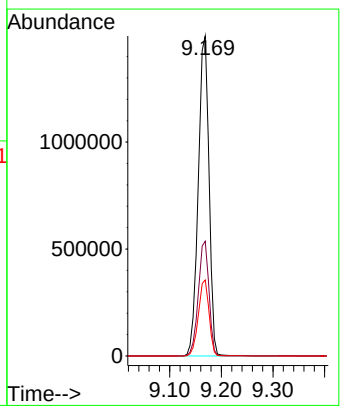


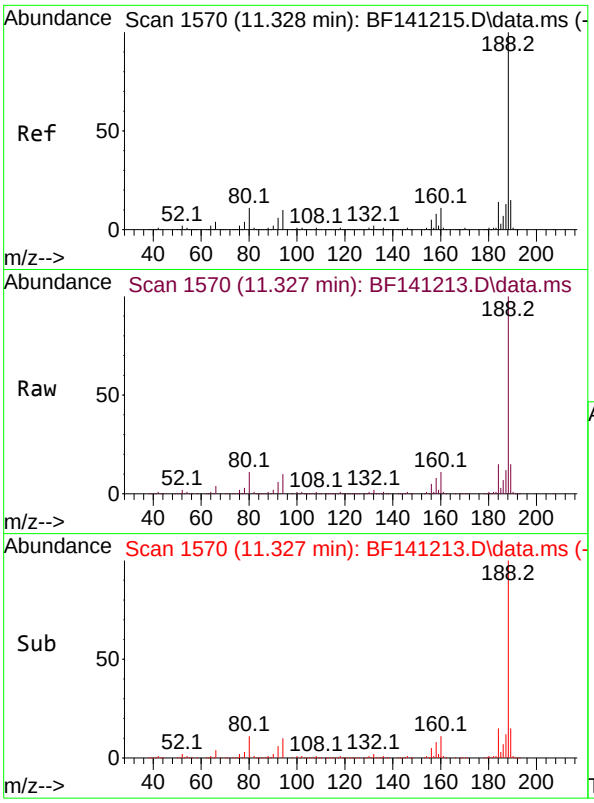


#45
2-Fluorobiphenyl
Concen: 94.258 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:172 Resp: 2164186

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.8	19.0	28.6



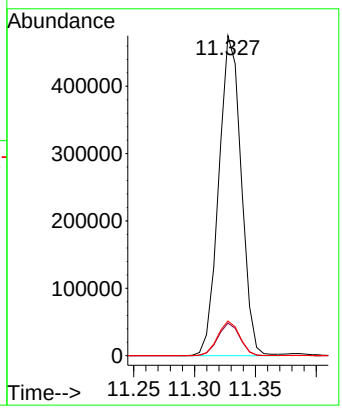


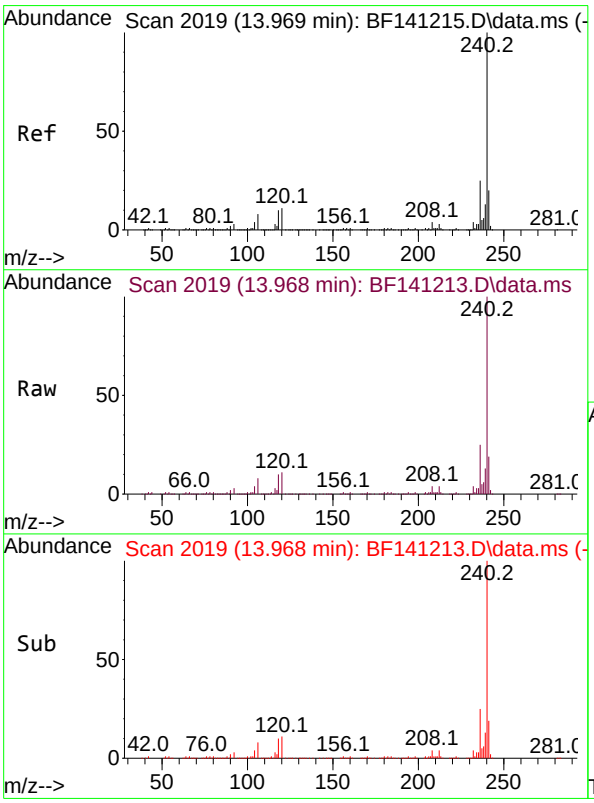
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:188 Resp: 609458

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.9	9.0	13.4

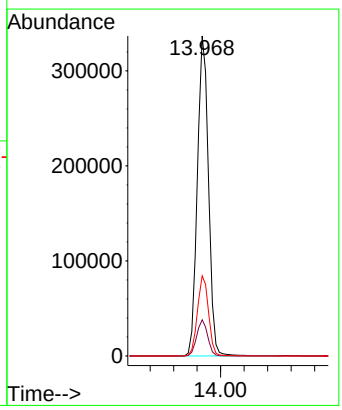


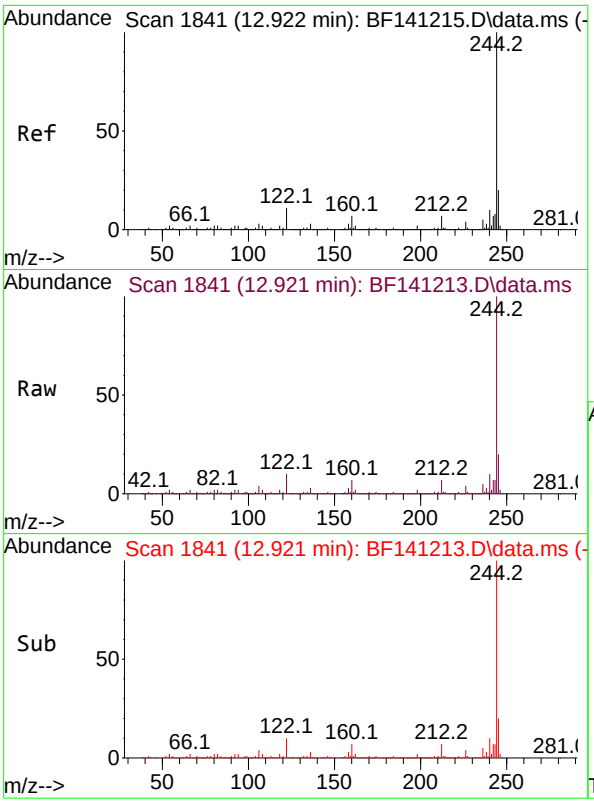


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:240 Resp: 442806

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.1	13.7
236	25.0	19.8	29.6



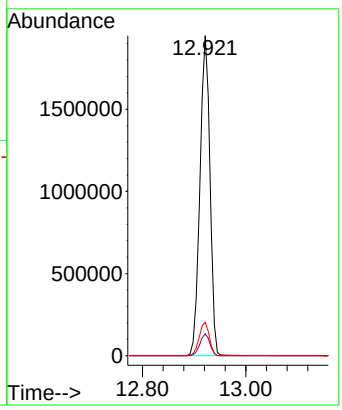


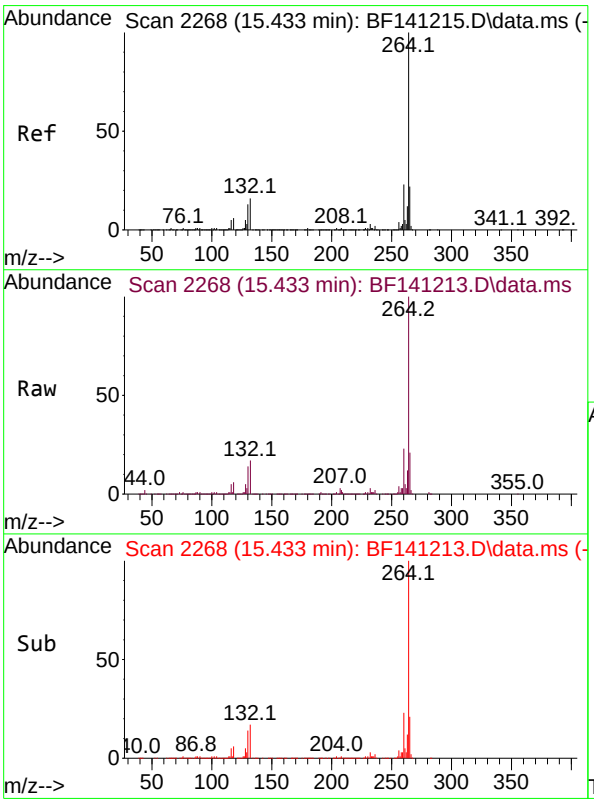
#79
Terphenyl-d14
Concen: 87.861 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion:244 Resp: 2617594

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.5	8.8	13.2

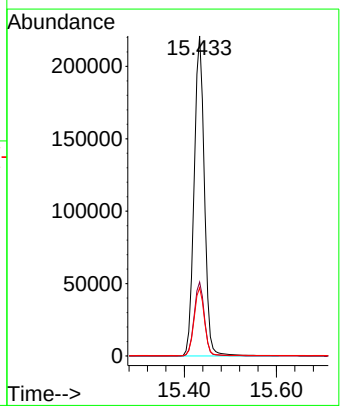




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:264 Resp: 340853

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.4	26.0



Raw Data: **BF141214.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	
Project:	Monthly 2025	Date Received:	
Client Sample ID:	PB166115BS	SDG No.:	Q1119
Lab Sample ID:	PB166115BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141214.D	1	01/17/25 12:00	01/20/25 11:30	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.042		0.0016	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.048		0.00084	0.0050	mg/L
95-48-7	2-Methylphenol	0.051		0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.049		0.0012	0.010	mg/L
67-72-1	Hexachloroethane	0.049		0.0010	0.0050	mg/L
98-95-3	Nitrobenzene	0.046		0.0013	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.052		0.00089	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.049		0.0010	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.052		0.0015	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.053		0.0011	0.0050	mg/L
87-86-5	Pentachlorophenol	0.10	E	0.0019	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	137		10 - 139	92%	SPK: 150
13127-88-3	Phenol-d6	137		10 - 134	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.8		49 - 133	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.8		52 - 132	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	97.6		48 - 125	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	158000	6.81			
1146-65-2	Naphthalene-d8	632000	8.092			
15067-26-2	Acenaphthene-d10	344000	9.845			
1517-22-2	Phenanthrene-d10	583000	11.333			
1719-03-5	Chrysene-d12	388000	13.974			
1520-96-3	Perylene-d12	335000	15.433			

Raw Data: **BF141214.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:			
Project:	Monthly 2025			Date Received:			
Client Sample ID:	PB166115BS			SDG No.:	Q1119		
Lab Sample ID:	PB166115BS			Matrix:	TCLP		
Analytical Method:	SW8270			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3510C						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141214.D	1	01/17/25 12:00	01/20/25 11:30	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF012025\
Data File : BF141214.D
Acq On : 20 Jan 2025 11:30
Operator : RC/JU
Sample : PB166115BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BS

Quant Time: Jan 20 11:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	157680	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	632035	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	344399	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	583291	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	387847	20.000	ng		-0.01
86) Perylene-d12	15.433	264	335070	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1402403	137.394	ng		0.00
7) Phenol-d6	6.445	99	1777387	137.468	ng		0.00
23) Nitrobenzene-d5	7.375	82	1142730	95.840	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	621790	158.450	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2160102	95.778	ng		-0.01
79) Terphenyl-d14	12.921	244	2546992	97.606	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	186357	40.999	ng		99
3) Pyridine	3.369	79	468320	42.015	ng		96
4) n-Nitrosodimethylamine	3.316	42	258949	47.512	ng		98
6) Aniline	6.475	93	475561	41.428	ng	#	88
8) 2-Chlorophenol	6.598	128	565450	51.635	ng		97
9) Benzaldehyde	6.357	77	63807	8.379	ng		97
10) Phenol	6.457	94	673629	48.671	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	513237	49.758	ng		96
12) 1,3-Dichlorobenzene	6.751	146	583547	47.778	ng		99
13) 1,4-Dichlorobenzene	6.828	146	590214	47.954	ng		99
14) 1,2-Dichlorobenzene	6.981	146	568313	49.501	ng		98
15) Benzyl Alcohol	6.951	79	489834	52.460	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	690609	47.981	ng		94
17) 2-Methylphenol	7.069	107	450994	51.011	ng		98
18) Hexachloroethane	7.322	117	216691	48.685	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	378590	49.708	ng		97
20) 3+4-Methylphenols	7.222	107	548850	49.206	ng	#	81
22) Acetophenone	7.222	105	735524	48.953	ng	#	95
24) Nitrobenzene	7.392	77	575528	46.314	ng		99
25) Isophorone	7.634	82	1035184	50.803	ng		99
26) 2-Nitrophenol	7.710	139	303835	53.751	ng		99
27) 2,4-Dimethylphenol	7.745	122	454813	59.651	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	630120	49.275	ng		100
29) 2,4-Dichlorophenol	7.951	162	464384	51.282	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	486020	46.955	ng		99
31) Naphthalene	8.116	128	1605635	48.173	ng		100
32) Benzoic acid	7.869	122	370926	50.714	ng		98
33) 4-Chloroaniline	8.163	127	218817	18.983	ng		98
34) Hexachlorobutadiene	8.233	225	302203	48.454	ng		99
35) Caprolactam	8.533	113	149980m	50.588	ng		
36) 4-Chloro-3-methylphenol	8.645	107	509536	51.450	ng		99
37) 2-Methylnaphthalene	8.804	142	1057984	49.812	ng		100
38) 1-Methylnaphthalene	8.904	142	984404	47.028	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	493514	49.926	ng		99
41) Hexachlorocyclopentadiene	8.957	237	607563	187.867	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	349405	52.410	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141214.D
Acq On : 20 Jan 2025 11:30
Operator : RC/JU
Sample : PB166115BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BS

Quant Time: Jan 20 11:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

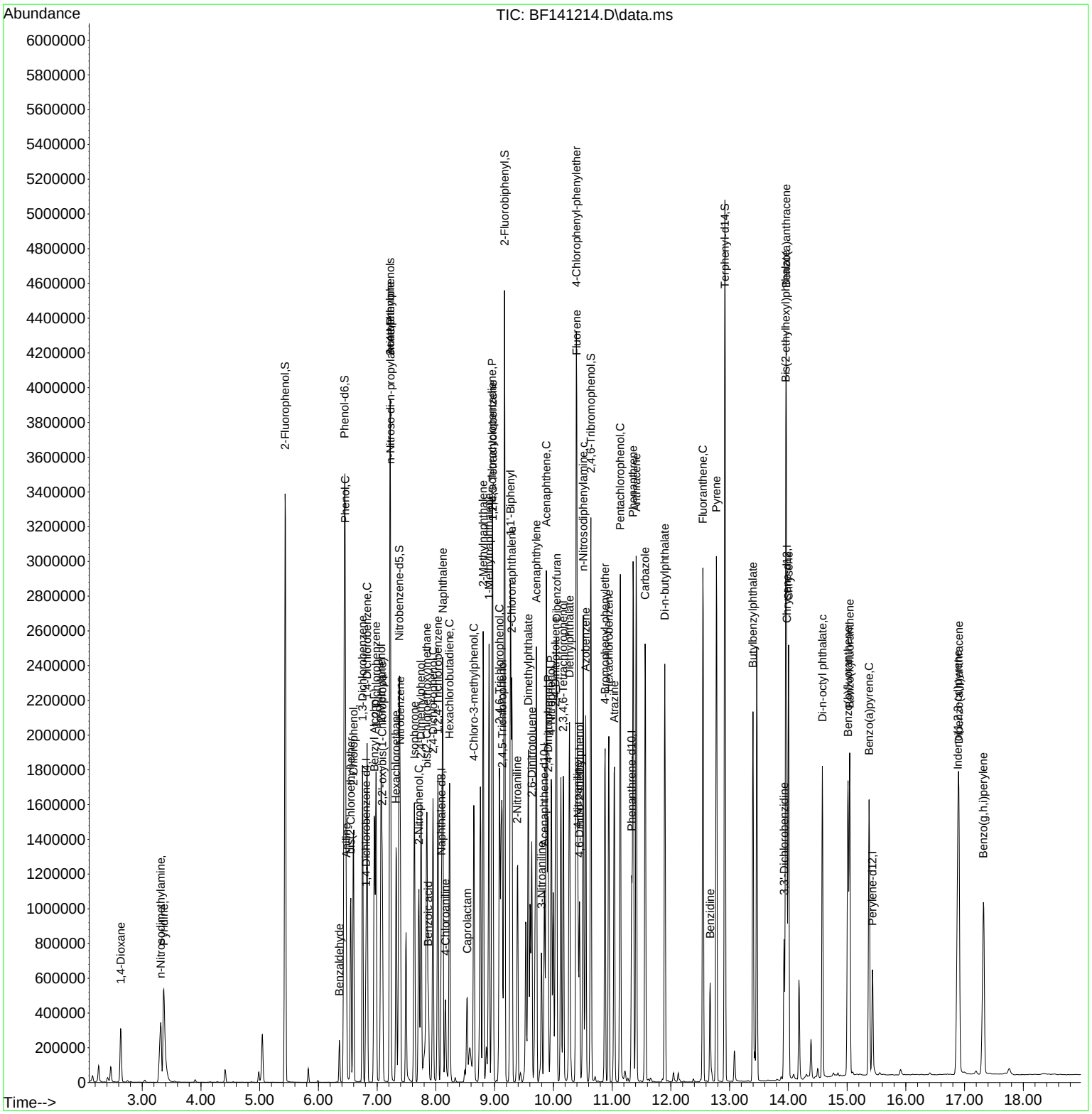
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	343567	48.796	ng	99
46) 1,1'-Biphenyl	9.269	154	1307832	48.898	ng	99
47) 2-Chloronaphthalene	9.292	162	993125	47.674	ng	99
48) 2-Nitroaniline	9.386	65	307234	49.753	ng	97
49) Acenaphthylene	9.710	152	1556115	52.284	ng	99
50) Dimethylphthalate	9.575	163	1175159	50.827	ng	100
51) 2,6-Dinitrotoluene	9.633	165	262419	48.807	ng	98
52) Acenaphthene	9.880	154	1156442	55.615	ng	100
53) 3-Nitroaniline	9.798	138	168091	30.765	ng	100
54) 2,4-Dinitrophenol	9.910	184	302461	118.351	ng	95
55) Dibenzofuran	10.057	168	1411446	49.904	ng	100
56) 4-Nitrophenol	9.963	139	438271	102.422	ng	94
57) 2,4-Dinitrotoluene	10.039	165	360521	52.030	ng	98
58) Fluorene	10.398	166	1090049	49.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	310641	53.078	ng	99
60) Diethylphthalate	10.275	149	1124632	49.825	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	532472	49.720	ng	100
62) 4-Nitroaniline	10.416	138	270549	50.592	ng	97
63) Azobenzene	10.551	77	1101677	49.464	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	207237	61.313	ng	97
66) n-Nitrosodiphenylamine	10.510	169	965203	51.303	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	351736	52.377	ng	99
68) Hexachlorobenzene	10.945	284	398155	53.261	ng	97
69) Atrazine	11.039	200	336972	66.520	ng	99
70) Pentachlorophenol	11.139	266	497336	103.886	ng	100
71) Phenanthrene	11.357	178	1648617	52.646	ng	100
72) Anthracene	11.410	178	1675540	55.028	ng	100
73) Carbazole	11.563	167	1467093	52.547	ng	100
74) Di-n-butylphthalate	11.898	149	1700136	53.209	ng	100
75) Fluoranthene	12.545	202	1706417	54.606	ng	99
77) Benzidine	12.669	184	310503	43.171	ng	99
78) Pyrene	12.774	202	1753273	47.329	ng	99
80) Butylbenzylphthalate	13.398	149	670710	54.305	ng	98
81) Benzo(a)anthracene	13.963	228	1341144	50.810	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	238344	28.358	ng	99
83) Chrysene	14.004	228	1194661	48.371	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	826160	55.749	ng	100
85) Di-n-octyl phthalate	14.580	149	1204958	53.845	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	1217843	49.610	ng	98
88) Benzo(b)fluoranthene	15.015	252	1076009	49.800	ng	99
89) Benzo(k)fluoranthene	15.045	252	1043658	57.158	ng	99
90) Benzo(a)pyrene	15.374	252	988532	55.453	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	974928	49.103	ng	98
92) Benzo(g,h,i)perylene	17.321	276	931749	45.117	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141214.D
Acq On : 20 Jan 2025 11:30
Operator : RC/JU
Sample : PB166115BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BS

Quant Time: Jan 20 11:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



Raw Data: **BF141198.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	366MS	SDG No.:	Q1119
Lab Sample ID:	Q1115-02MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141198.D	1	01/17/25 12:00	01/17/25 17:41	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.23		0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.39		0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.44		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.42		0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.40		0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.40		0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.46		0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.44		0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.45		0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.48		0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.87	E	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	119		10 - 139	79%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		49 - 133	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.0		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		48 - 125	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	202000	6.81			
1146-65-2	Naphthalene-d8	804000	8.092			
15067-26-2	Acenaphthene-d10	425000	9.845			
1517-22-2	Phenanthrene-d10	666000	11.333			
1719-03-5	Chrysene-d12	384000	13.968			
1520-96-3	Perylene-d12	397000	15.427			

Raw Data: **BF141198.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	366MS	SDG No.:	Q1119
Lab Sample ID:	Q1115-02MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141198.D	1	01/17/25 12:00	01/17/25 17:41	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF011725\
Data File : BF141198.D
Acq On : 17 Jan 2025 17:41
Operator : RC/JU
Sample : Q1115-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MS

Quant Time: Jan 17 17:59:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	202186	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	804021	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	425124	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	665752	20.000	ng		-0.01
76) Chrysene-d12	13.968	240	383734	20.000	ng		-0.02
86) Perylene-d12	15.427	264	396719	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1560693	119.245	ng		0.02
7) Phenol-d6	6.445	99	1882502	113.548	ng		0.00
23) Nitrobenzene-d5	7.375	82	1318217	86.909	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	655122	135.244	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2394346	86.005	ng		-0.01
79) Terphenyl-d14	12.916	244	1966468	76.167	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	206669	35.459	ng	#	83
3) Pyridine	3.451	79	323917	22.663	ng		96
4) n-Nitrosodimethylamine	3.381	42	279379	39.977	ng		99
6) Aniline	6.475	93	105204	7.147	ng	#	1
8) 2-Chlorophenol	6.598	128	623283	44.387	ng		97
9) Benzaldehyde	6.363	77	56209	5.757	ng		96
10) Phenol	6.463	94	670648	37.789	ng		99
11) bis(2-Chloroethyl)ether	6.551	93	568407	42.977	ng		98
12) 1,3-Dichlorobenzene	6.751	146	608084	38.827	ng		99
13) 1,4-Dichlorobenzene	6.828	146	618753	39.207	ng		100
14) 1,2-Dichlorobenzene	6.981	146	594981	40.416	ng		98
15) Benzyl Alcohol	6.957	79	447769	37.399	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	777137	42.107	ng		93
17) 2-Methylphenol	7.069	107	500201	44.122	ng		98
18) Hexachloroethane	7.322	117	226423	39.673	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	432809	44.318	ng		97
20) 3+4-Methylphenols	7.222	107	602909	42.154	ng	#	81
22) Acetophenone	7.222	105	817118	42.751	ng	#	93
24) Nitrobenzene	7.398	77	639767	40.471	ng		99
25) Isophorone	7.634	82	1166722	45.011	ng		99
26) 2-Nitrophenol	7.710	139	323201	44.946	ng		97
27) 2,4-Dimethylphenol	7.745	122	506823	52.253	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	687264	42.247	ng		100
29) 2,4-Dichlorophenol	7.951	162	515110	44.716	ng		100
30) 1,2,4-Trichlorobenzene	8.034	180	527294	40.045	ng		100
31) Naphthalene	8.116	128	1750532	41.285	ng		100
32) Benzoic acid	7.869	122	360965	38.795	ng		97
33) 4-Chloroaniline	8.169	127	41765	2.848	ng		99
34) Hexachlorobutadiene	8.233	225	324411	40.888	ng		100
35) Caprolactam	8.533	113	130670m	34.647	ng		
36) 4-Chloro-3-methylphenol	8.645	107	559032	44.373	ng		98
37) 2-Methylnaphthalene	8.804	142	1163743	43.071	ng		100
38) 1-Methylnaphthalene	8.904	142	1089712	40.923	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	538317	44.118	ng		99
41) Hexachlorocyclopentadiene	8.957	237	546040	136.782	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	380805	46.274	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141198.D
Acq On : 17 Jan 2025 17:41
Operator : RC/JU
Sample : Q1115-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MS

Quant Time: Jan 17 17:59:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

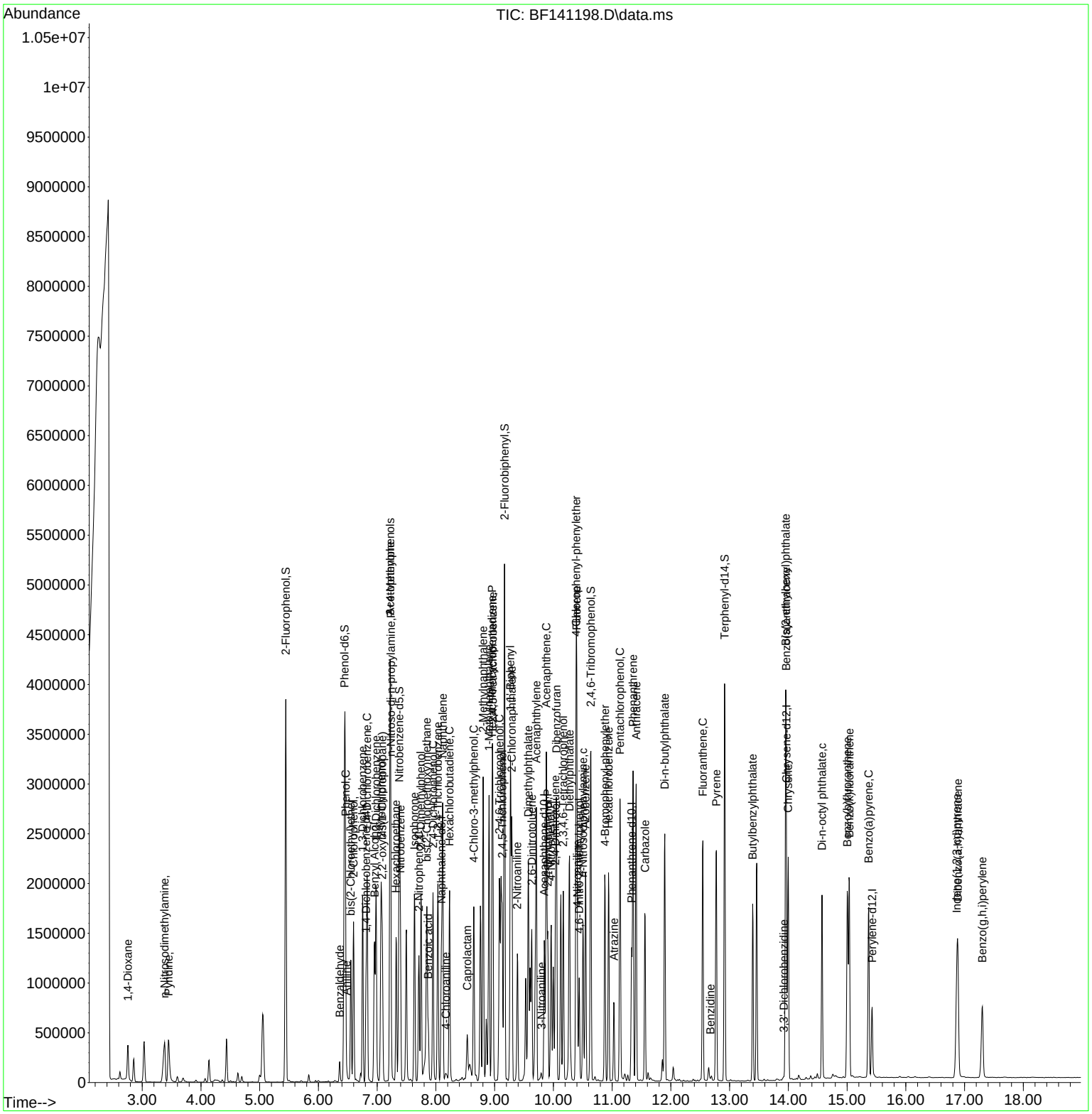
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	380488	43.778	ng		100
46) 1,1'-Biphenyl	9.269	154	1437014	43.526	ng		99
47) 2-Chloronaphthalene	9.292	162	1096637	42.646	ng		99
48) 2-Nitroaniline	9.386	65	308780	40.508	ng		97
49) Acenaphthylene	9.710	152	1658150	45.134	ng		99
50) Dimethylphthalate	9.575	163	1325573	46.446	ng		100
51) 2,6-Dinitrotoluene	9.633	165	284302	42.836	ng		97
52) Acenaphthene	9.880	154	1226462	47.783	ng		100
53) 3-Nitroaniline	9.798	138	19311	2.863	ng		97
54) 2,4-Dinitrophenol	9.904	184	278830	88.387	ng		96
55) Dibenzofuran	10.051	168	1531716	43.873	ng		99
56) 4-Nitrophenol	9.963	139	385775	73.035	ng		98
57) 2,4-Dinitrotoluene	10.033	165	385532	45.075	ng		96
58) Fluorene	10.398	166	1169900	43.132	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	328753	45.506	ng		100
60) Diethylphthalate	10.275	149	1247979	44.791	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	585702	44.305	ng		98
62) 4-Nitroaniline	10.410	138	162748	24.654	ng		100
63) Azobenzene	10.545	77	1132685	41.200	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	194665	50.460	ng		99
66) n-Nitrosodiphenylamine	10.504	169	582999	27.150	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	380033	49.582	ng		97
68) Hexachlorobenzene	10.939	284	406965	47.697	ng		98
69) Atrazine	11.033	200	137302	23.747	ng		100
70) Pentachlorophenol	11.133	266	477165	87.327	ng		100
71) Phenanthrene	11.357	178	1637904	45.826	ng		100
72) Anthracene	11.410	178	1659681	47.755	ng		99
73) Carbazole	11.563	167	990883	31.094	ng		100
74) Di-n-butylphthalate	11.898	149	1800436	49.369	ng		100
75) Fluoranthene	12.545	202	1409807	39.527	ng		99
77) Benzidine	12.674	184	5778	0.812	ng	#	57
78) Pyrene	12.774	202	1388824	37.893	ng		100
80) Butylbenzylphthalate	13.392	149	559463	45.783	ng		99
81) Benzo(a)anthracene	13.963	228	1157165	44.310	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	8916	1.072	ng		99
83) Chrysene	13.998	228	1072381	43.885	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	720644	49.150	ng		99
85) Di-n-octyl phthalate	14.574	149	1216275	54.934	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	951563	32.739	ng		99
88) Benzo(b)fluoranthene	15.004	252	1251516	48.922	ng		100
89) Benzo(k)fluoranthene	15.039	252	1093678	50.589	ng		99
90) Benzo(a)pyrene	15.368	252	1081557	51.243	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	798872	33.983	ng		98
92) Benzo(g,h,i)perylene	17.304	276	652701	26.694	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141198.D
Acq On : 17 Jan 2025 17:41
Operator : RC/JU
Sample : Q1115-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MS

Quant Time: Jan 17 17:59:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



Raw Data: **BF141199.D**

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

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	01/16/25
Project:	Monthly 2025	Date Received:	01/16/25
Client Sample ID:	366MSD	SDG No.:	Q1119
Lab Sample ID:	Q1115-02MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141199.D	1	01/17/25 12:00	01/17/25 18:07	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.23		0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.39		0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.44		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.43		0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.40		0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.41		0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.48		0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.45		0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.47		0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.49		0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.91	E	0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	121		10 - 139	81%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.8		49 - 133	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.4		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	77.8		48 - 125	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	194000	6.81			
1146-65-2	Naphthalene-d8	769000	8.092			
15067-26-2	Acenaphthene-d10	402000	9.845			
1517-22-2	Phenanthrene-d10	637000	11.333			
1719-03-5	Chrysene-d12	374000	13.974			
1520-96-3	Perylene-d12	360000	15.427			

Raw Data: **BF141199.D**

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

Report of Analysis

Client:	Aramark Uniforms			Date Collected:	01/16/25
Project:	Monthly 2025			Date Received:	01/16/25
Client Sample ID:	366MSD			SDG No.:	Q1119
Lab Sample ID:	Q1115-02MSD			Matrix:	TCLP
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141199.D	1	01/17/25 12:00	01/17/25 18:07	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF011725\
Data File : BF141199.D
Acq On : 17 Jan 2025 18:07
Operator : RC/JU
Sample : Q1115-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MSD

Quant Time: Jan 17 23:10:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	194434	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	769284	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	402350	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	637405	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	374444	20.000	ng		-0.01
86) Perylene-d12	15.427	264	360435	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1521040	120.848	ng		0.02
7) Phenol-d6	6.445	99	1817676	114.009	ng		0.00
23) Nitrobenzene-d5	7.375	82	1289404	88.848	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	644930	140.676	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2329550	88.414	ng		-0.01
79) Terphenyl-d14	12.916	244	1960947	77.837	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	199483	35.591	ng	#	84
3) Pyridine	3.446	79	322315	23.450	ng		96
4) n-Nitrosodimethylamine	3.375	42	275043	40.926	ng		99
6) Aniline	6.475	93	82650	5.839	ng	#	1
8) 2-Chlorophenol	6.598	128	616175	45.630	ng		97
9) Benzaldehyde	6.363	77	54523	5.806	ng		97
10) Phenol	6.463	94	654430	38.346	ng		100
11) bis(2-Chloroethyl)ether	6.551	93	548872	43.154	ng		98
12) 1,3-Dichlorobenzene	6.751	146	583170	38.721	ng		99
13) 1,4-Dichlorobenzene	6.828	146	594967	39.202	ng		100
14) 1,2-Dichlorobenzene	6.981	146	571169	40.346	ng		99
15) Benzyl Alcohol	6.951	79	406689	35.322	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	759230	42.777	ng		94
17) 2-Methylphenol	7.069	107	484317	44.425	ng		98
18) Hexachloroethane	7.322	117	218558	39.822	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	419937	44.714	ng		99
20) 3+4-Methylphenols	7.222	107	589676	42.873	ng	#	80
22) Acetophenone	7.222	105	798688	43.673	ng	#	94
24) Nitrobenzene	7.398	77	623200	41.203	ng		98
25) Isophorone	7.634	82	1142072	46.049	ng		99
26) 2-Nitrophenol	7.710	139	322878	46.929	ng		99
27) 2,4-Dimethylphenol	7.745	122	493702	53.199	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	656173	42.158	ng		99
29) 2,4-Dichlorophenol	7.951	162	504036	45.730	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	511668	40.613	ng		100
31) Naphthalene	8.116	128	1703033	41.979	ng		100
32) Benzoic acid	7.869	122	361070	40.559	ng		98
33) 4-Chloroaniline	8.163	127	29599	2.110	ng		97
34) Hexachlorobutadiene	8.234	225	313153	41.251	ng		100
35) Caprolactam	8.534	113	129142m	35.788	ng		
36) 4-Chloro-3-methylphenol	8.645	107	545737	45.274	ng		99
37) 2-Methylnaphthalene	8.804	142	1135374	43.918	ng		100
38) 1-Methylnaphthalene	8.904	142	1066475	41.859	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	526498	45.591	ng		99
41) Hexachlorocyclopentadiene	8.957	237	554861	146.859	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	371048	47.640	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141199.D
Acq On : 17 Jan 2025 18:07
Operator : RC/JU
Sample : Q1115-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MSD

Quant Time: Jan 17 23:10:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

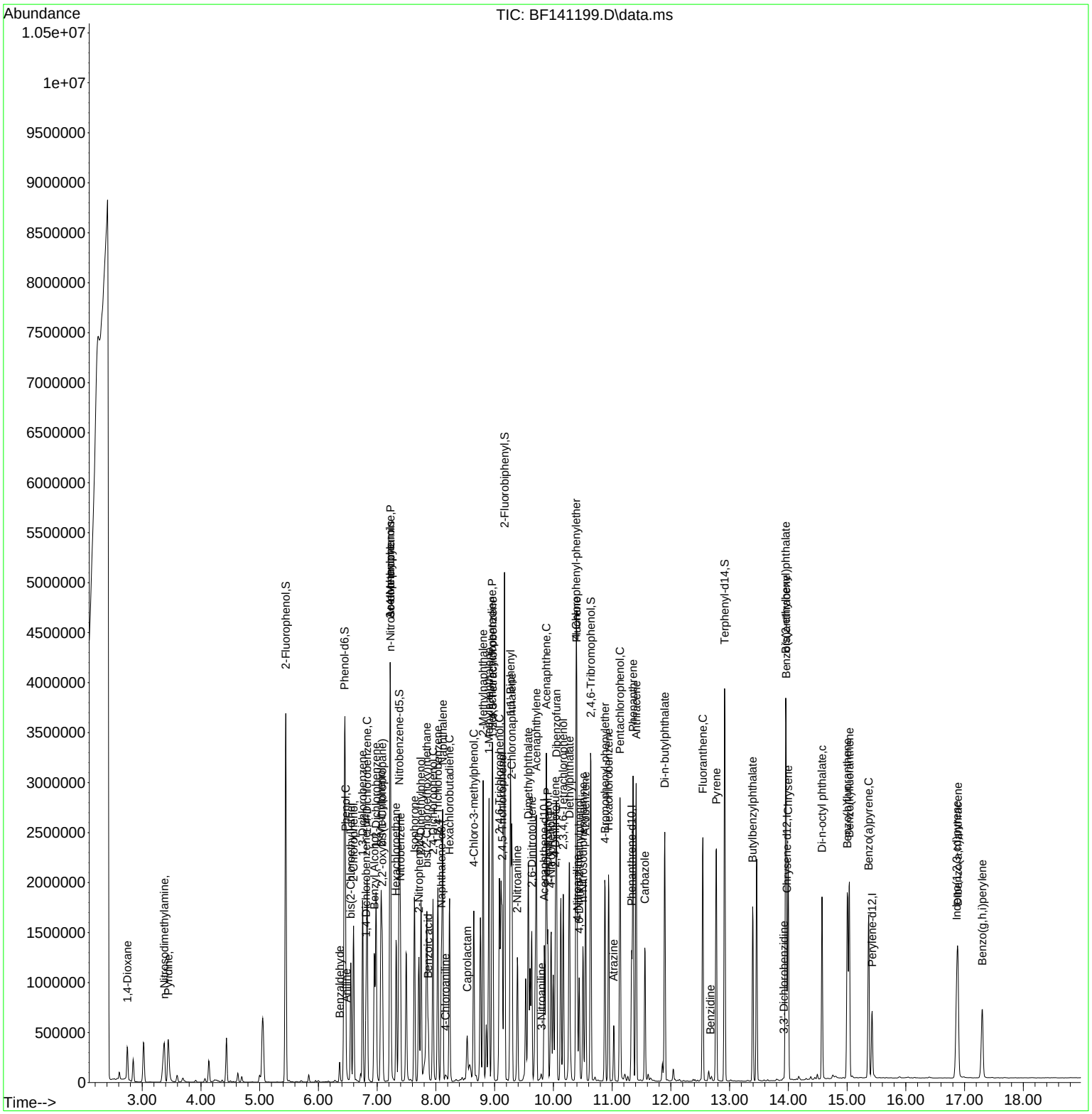
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.128	196	371093	45.114	ng		99
46)	1,1'-Biphenyl	9.269	154	1410666	45.146	ng		99
47)	2-Chloronaphthalene	9.292	162	1054841	43.343	ng		100
48)	2-Nitroaniline	9.386	65	296128	41.047	ng		98
49)	Acenaphthylene	9.710	152	1636662	47.070	ng		99
50)	Dimethylphthalate	9.575	163	1297028	48.018	ng		100
51)	2,6-Dinitrotoluene	9.633	165	281166	44.762	ng		97
52)	Acenaphthene	9.881	154	1216031	50.058	ng		100
53)	3-Nitroaniline	9.798	138	16668	2.611	ng		96
54)	2,4-Dinitrophenol	9.904	184	280474	93.940	ng		95
55)	Dibenzofuran	10.051	168	1492399	45.166	ng		99
56)	4-Nitrophenol	9.963	139	361367	72.286	ng		97
57)	2,4-Dinitrotoluene	10.033	165	381845	47.170	ng		98
58)	Fluorene	10.398	166	1140913	44.444	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.169	232	325873	47.661	ng		99
60)	Diethylphthalate	10.275	149	1229548	46.627	ng		99
61)	4-Chlorophenyl-phenyle...	10.386	204	563579	45.045	ng		97
62)	4-Nitroaniline	10.410	138	141109	22.586	ng		99
63)	Azobenzene	10.545	77	1082585	41.606	ng		99
65)	4,6-Dinitro-2-methylph...	10.439	198	197558	53.487	ng		98
66)	n-Nitrosodiphenylamine	10.504	169	481077	23.400	ng		99
67)	4-Bromophenyl-phenylether	10.880	248	370677	50.512	ng		98
68)	Hexachlorobenzene	10.939	284	400277	48.999	ng		98
69)	Atrazine	11.028	200	91699	16.565	ng		99
70)	Pentachlorophenol	11.133	266	475784	90.946	ng		100
71)	Phenanthrene	11.357	178	1629728	47.625	ng		100
72)	Anthracene	11.410	178	1642545	49.364	ng		99
73)	Carbazole	11.557	167	778266	25.508	ng		100
74)	Di-n-butylphthalate	11.898	149	1782513	51.051	ng		100
75)	Fluoranthene	12.545	202	1395939	40.878	ng		99
77)	Benzidine	12.674	184	3512	0.506	ng	#	69
78)	Pyrene	12.774	202	1371686	38.354	ng		99
80)	Butylbenzylphthalate	13.392	149	554003	46.461	ng		99
81)	Benzo(a)anthracene	13.963	228	1124931	44.144	ng		100
82)	3,3'-Dichlorobenzidine	13.921	252	6359	0.784	ng	#	97
83)	Chrysene	13.998	228	1032886	43.318	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.957	149	723803	50.590	ng		100
85)	Di-n-octyl phthalate	14.574	149	1194752	55.300	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.868	276	920150	34.846	ng		99
88)	Benzo(b)fluoranthene	15.004	252	1212795	52.181	ng		100
89)	Benzo(k)fluoranthene	15.039	252	1077653	54.866	ng		99
90)	Benzo(a)pyrene	15.368	252	1033581	53.900	ng		99
91)	Dibenzo(a,h)anthracene	16.886	278	773062	36.196	ng		98
92)	Benzo(g,h,i)perylene	17.304	276	623532	28.068	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141199.D
Acq On : 17 Jan 2025 18:07
Operator : RC/JU
Sample : Q1115-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
366MSD

Quant Time: Jan 17 23:10:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BF011025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC050	BF141117.D	Caprolactam	yogesh	1/13/2025 12:24:19 AM	Jagrut	1/13/2025 11:53:40 AM	Peak Integrated by Software
SSTDICC080	BF141119.D	Aniline	yogesh	1/13/2025 12:24:20 AM	Jagrut	1/13/2025 11:53:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	Bf011725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1115-02MS	BF141198.D	Caprolactam	yogesh	1/20/2025 7:18:22 AM	mohammad	1/20/2025 7:51:56 AM	Peak Integrated by Software
Q1115-02MSD	BF141199.D	Caprolactam	yogesh	1/20/2025 7:18:30 AM	mohammad	1/20/2025 7:51:56 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF012025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF141212.D	Caprolactam	yogesh	1/21/2025 7:26:45 AM	mohammad	1/21/2025 7:41:40 AM	Peak Integrated by Software
PB166115BS	BF141214.D	Caprolactam	yogesh	1/21/2025 7:26:59 AM	mohammad	1/21/2025 7:41:40 AM	Peak Integrated by Software
SSTDCCC040	BF141226.D	2,4-Dimethylphenol	yogesh	1/21/2025 7:28:08 AM	mohammad	1/21/2025 7:41:40 AM	Peak Integrated by Software
SSTDCCC040	BF141226.D	Caprolactam	yogesh	1/21/2025 7:28:08 AM	mohammad	1/21/2025 7:41:40 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF011025

Review By	yogesh	Review On	1/13/2025 12:24:27 AM				
Supervise By	Jagrut	Supervise On	1/13/2025 11:38:11 AM				
SubDirectory	BF011025	HP Acquire Method	BNA_F		HP Processing Method	bf011025	

STD. NAME	STD REF.#
Tune/Reschk	SP6701
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141108.D	10 Jan 2025 11:32	RC/JU	Ok
2	SSTDICC2.5	BF141109.D	10 Jan 2025 11:58	RC/JU	Ok
3	SSTDICC005	BF141110.D	10 Jan 2025 12:25	RC/JU	Ok
4	SSTDICC010	BF141111.D	10 Jan 2025 13:17	RC/JU	Ok
5	SSTDICC020	BF141112.D	10 Jan 2025 14:10	RC/JU	Ok
6	SSTDICCC040	BF141113.D	10 Jan 2025 14:36	RC/JU	Ok
7	SSTDICC050	BF141114.D	10 Jan 2025 15:03	RC/JU	Not Ok
8	SSTDICC060	BF141115.D	10 Jan 2025 15:29	RC/JU	Not Ok
9	SSTDICC080	BF141116.D	10 Jan 2025 15:56	RC/JU	Not Ok
10	SSTDICC050	BF141117.D	10 Jan 2025 16:53	RC/JU	Ok,M
11	SSTDICC060	BF141118.D	10 Jan 2025 17:19	RC/JU	Ok
12	SSTDICC080	BF141119.D	10 Jan 2025 17:45	RC/JU	Ok,M
13	SSTDICV040	BF141120.D	10 Jan 2025 18:12	RC/JU	Ok
14	PB166008BL	BF141121.D	10 Jan 2025 18:38	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF011725

Review By	yogesh	Review On	1/20/2025 7:19:36 AM				
Supervise By	mohammad	Supervise On	1/20/2025 7:51:56 AM				
SubDirectory	BF011725	HP Acquire Method	BNA_F		HP Processing Method	bf011025	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141192.D	17 Jan 2025 14:59	RC/JU	Ok
2	SSTDCCC040	BF141193.D	17 Jan 2025 15:25	RC/JU	Ok
3	PB166097BL	BF141194.D	17 Jan 2025 15:51	RC/JU	Ok
4	Q1115-01	BF141195.D	17 Jan 2025 16:21	RC/JU	Ok
5	Q1103-01	BF141196.D	17 Jan 2025 16:48	RC/JU	Ok,M
6	Q1115-02	BF141197.D	17 Jan 2025 17:14	RC/JU	Ok
7	Q1115-02MS	BF141198.D	17 Jan 2025 17:41	RC/JU	Ok,M
8	Q1115-02MSD	BF141199.D	17 Jan 2025 18:07	RC/JU	Ok,M
9	Q1115-05	BF141200.D	17 Jan 2025 18:33	RC/JU	Ok
10	Q1115-08	BF141201.D	17 Jan 2025 18:59	RC/JU	Ok
11	Q1115-11	BF141202.D	17 Jan 2025 19:26	RC/JU	Ok
12	Q1119-01	BF141203.D	17 Jan 2025 19:52	RC/JU	Dilution
13	Q1115-10	BF141204.D	17 Jan 2025 20:18	RC/JU	Ok,M
14	Q1110-01	BF141205.D	17 Jan 2025 20:44	RC/JU	Ok,M
15	Q1115-04	BF141206.D	17 Jan 2025 21:11	RC/JU	Ok,M
16	Q1115-04MS	BF141207.D	17 Jan 2025 21:37	RC/JU	Ok,M
17	Q1115-04MSD	BF141208.D	17 Jan 2025 22:04	RC/JU	Ok,M
18	Q1115-07	BF141209.D	17 Jan 2025 22:30	RC/JU	Ok
19	Q1118-01	BF141210.D	17 Jan 2025 22:57	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF012025

Review By	yogesh	Review On	1/21/2025 7:28:26 AM				
Supervise By	mohammad	Supervise On	1/21/2025 7:41:40 AM				
SubDirectory	BF012025	HP Acquire Method	BNA_F		HP Processing Method	bf011025	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141211.D	20 Jan 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF141212.D	20 Jan 2025 10:37	RC/JU	Ok,M
3	PB166115BL	BF141213.D	20 Jan 2025 11:03	RC/JU	Ok
4	PB166115BS	BF141214.D	20 Jan 2025 11:30	RC/JU	Ok,M
5	PB166067TB	BF141215.D	20 Jan 2025 11:56	RC/JU	Ok
6	PB166097BS	BF141216.D	20 Jan 2025 12:22	RC/JU	Ok,M
7	PB166117BL	BF141217.D	20 Jan 2025 12:49	RC/JU	Ok
8	PB166117BS	BF141218.D	20 Jan 2025 13:15	RC/JU	Ok,M
9	PB166117BSD	BF141219.D	20 Jan 2025 13:41	RC/JU	Ok,M
10	Q1109-02	BF141220.D	20 Jan 2025 14:13	RC/JU	Ok
11	Q1122-01	BF141221.D	20 Jan 2025 14:39	RC/JU	Ok
12	Q1119-01DL	BF141222.D	20 Jan 2025 15:05	RC/JU	Ok
13	Q1134-01	BF141223.D	20 Jan 2025 15:32	RC/JU	Ok,M
14	Q1132-04	BF141224.D	20 Jan 2025 15:58	RC/JU	Ok,M
15	Q1133-01	BF141225.D	20 Jan 2025 16:24	RC/JU	Ok,M
16	SSTDCCC040	BF141226.D	20 Jan 2025 16:58	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 # BF011025

Review By	yogesh	Review On	1/13/2025 12:24:27 AM		
Supervise By	Jagrut	Supervise On	1/13/2025 11:38:11 AM		
SubDirectory	BF011025	HP Acquire Method	BNA_F	HP Processing Method	bf011025

STD. NAME	STD REF.#
Tune/Reschk	SP6701
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/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	BF141108.D	10 Jan 2025 11:32		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141109.D	10 Jan 2025 11:58		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141110.D	10 Jan 2025 12:25	Compound #54 removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141111.D	10 Jan 2025 13:17		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF141112.D	10 Jan 2025 14:10		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF141113.D	10 Jan 2025 14:36	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141114.D	10 Jan 2025 15:03	Not Used	RC/JU	Not Ok
8	SSTDICC060	SSTDICC060	BF141115.D	10 Jan 2025 15:29	Not Used	RC/JU	Not Ok
9	SSTDICC080	SSTDICC080	BF141116.D	10 Jan 2025 15:56	Not Used	RC/JU	Not Ok
10	SSTDICC050	SSTDICC050	BF141117.D	10 Jan 2025 16:53		RC/JU	Ok,M
11	SSTDICC060	SSTDICC060	BF141118.D	10 Jan 2025 17:19		RC/JU	Ok
12	SSTDICC080	SSTDICC080	BF141119.D	10 Jan 2025 17:45	Compound #9 removed from 80ppm	RC/JU	Ok,M
13	SSTDICV040	ICVBF011025	BF141120.D	10 Jan 2025 18:12	Com# 69 & 77 failed in ICV for DOD	RC/JU	Ok
14	PB166008BL	PB166008BL	BF141121.D	10 Jan 2025 18:38		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF011725

Review By	yogesh	Review On	1/20/2025 7:19:36 AM		
Supervise By	mohammad	Supervise On	1/20/2025 7:51:56 AM		
SubDirectory	BF011725	HP Acquire Method	BNA_F	HP Processing Method	bf011025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/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	BF141192.D	17 Jan 2025 14:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141193.D	17 Jan 2025 15:25	CCC fail low side for com. #77	RC/JU	Ok
3	PB166097BL	PB166097BL	BF141194.D	17 Jan 2025 15:51		RC/JU	Ok
4	Q1115-01	366	BF141195.D	17 Jan 2025 16:21		RC/JU	Ok
5	Q1103-01	VNJ-241	BF141196.D	17 Jan 2025 16:48		RC/JU	Ok,M
6	Q1115-02	366	BF141197.D	17 Jan 2025 17:14		RC/JU	Ok
7	Q1115-02MS	366MS	BF141198.D	17 Jan 2025 17:41		RC/JU	Ok,M
8	Q1115-02MSD	366MSD	BF141199.D	17 Jan 2025 18:07		RC/JU	Ok,M
9	Q1115-05	VNJ-214	BF141200.D	17 Jan 2025 18:33		RC/JU	Ok
10	Q1115-08	72-11995	BF141201.D	17 Jan 2025 18:59		RC/JU	Ok
11	Q1115-11	VNJ-213	BF141202.D	17 Jan 2025 19:26		RC/JU	Ok
12	Q1119-01	FILTER CAKE	BF141203.D	17 Jan 2025 19:52	Need 2X Dilution	RC/JU	Dilution
13	Q1115-10	VNJ-213	BF141204.D	17 Jan 2025 20:18		RC/JU	Ok,M
14	Q1110-01	BIN-1	BF141205.D	17 Jan 2025 20:44		RC/JU	Ok,M
15	Q1115-04	VNJ-214	BF141206.D	17 Jan 2025 21:11		RC/JU	Ok,M
16	Q1115-04MS	VNJ-214MS	BF141207.D	17 Jan 2025 21:37		RC/JU	Ok,M
17	Q1115-04MSD	VNJ-214MSD	BF141208.D	17 Jan 2025 22:04		RC/JU	Ok,M
18	Q1115-07	72-11995	BF141209.D	17 Jan 2025 22:30		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF011725

Review By	yogesh	Review On	1/20/2025 7:19:36 AM		
Supervise By	mohammad	Supervise On	1/20/2025 7:51:56 AM		
SubDirectory	BF011725	HP Acquire Method	BNA_F	HP Processing Method	bf011025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1118-01	OK-01-1-16-2025	BF141210.D	17 Jan 2025 22:57		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF012025

Review By	yogesh	Review On	1/21/2025 7:28:26 AM		
Supervise By	mohammad	Supervise On	1/21/2025 7:41:40 AM		
SubDirectory	BF012025	HP Acquire Method	BNA_F	HP Processing Method	bf011025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12647,10ul/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	BF141211.D	20 Jan 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141212.D	20 Jan 2025 10:37		RC/JU	Ok,M
3	PB166115BL	PB166115BL	BF141213.D	20 Jan 2025 11:03		RC/JU	Ok
4	PB166115BS	PB166115BS	BF141214.D	20 Jan 2025 11:30		RC/JU	Ok,M
5	PB166067TB	PB166067TB	BF141215.D	20 Jan 2025 11:56		RC/JU	Ok
6	PB166097BS	PB166097BS	BF141216.D	20 Jan 2025 12:22		RC/JU	Ok,M
7	PB166117BL	PB166117BL	BF141217.D	20 Jan 2025 12:49		RC/JU	Ok
8	PB166117BS	PB166117BS	BF141218.D	20 Jan 2025 13:15		RC/JU	Ok,M
9	PB166117BSD	PB166117BSD	BF141219.D	20 Jan 2025 13:41		RC/JU	Ok,M
10	Q1109-02	TAPIAL1-MW04S-0115	BF141220.D	20 Jan 2025 14:13		RC/JU	Ok
11	Q1122-01	RW10A-20250116	BF141221.D	20 Jan 2025 14:39		RC/JU	Ok
12	Q1119-01DL	FILTER CAKEDL	BF141222.D	20 Jan 2025 15:05		RC/JU	Ok
13	Q1134-01	EO-1-011725	BF141223.D	20 Jan 2025 15:32		RC/JU	Ok,M
14	Q1132-04	HD-2-011725	BF141224.D	20 Jan 2025 15:58		RC/JU	Ok,M
15	Q1133-01	TR-04-1172025	BF141225.D	20 Jan 2025 16:24		RC/JU	Ok,M
16	SSTDCCC040	SSTDCCC040EC	BF141226.D	20 Jan 2025 16:58		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB166067

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 114771

Start Prep Date : 01/16/2025 **Time :** 18:25

End Prep Date : 01/17/2025 **Time :** 11:12

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JZ

Standared Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110801
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
N/A	N/A	N/A
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. Particle size reduction is not required. q1119-01 is used for MS-MSD.

JP

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01-17-25 11:40	JP / TCLP Room	SPG. BS. / Ext
	Preparation Group TCLP	Analysis Group / Metals

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB166067

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB166067TB	LEB067	08	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1092-02	428	01	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1092-03	429	02	100.01	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1115-02	366	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1115-05	VNJ-214	04	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1115-08	72-11995	05	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q1115-11	VNJ-213	06	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q1119-01	FILTER CAKE	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB166067TB	LEB067	N/A	N/A	N/A	N/A	N/A	N/A
Q1092-02	428	N/A	N/A	N/A	N/A	100	N/A
Q1092-03	429	N/A	N/A	N/A	N/A	100	N/A
Q1115-02	366	N/A	N/A	N/A	N/A	100	N/A
Q1115-05	VNJ-214	N/A	N/A	N/A	N/A	100	N/A
Q1115-08	72-11995	N/A	N/A	N/A	N/A	100	N/A
Q1115-11	VNJ-213	N/A	N/A	N/A	N/A	100	N/A
Q1119-01	FILTER CAKE	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB166067

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB166067TB	LEB067	N/A	N/A	N/A	N/A	#1	4.93
Q1092-02	428	5.01	96.5	6.4	2.5	#1	4.93
Q1092-03	429	5.02	96.5	7.2	3.0	#1	4.93
Q1115-02	366	5.02	96.5	6.6	2.0	#1	4.93
Q1115-05	VNJ-214	5.01	96.5	8.6	3.5	#1	4.93
Q1115-08	72-11995	5.02	96.5	8.6	3.5	#1	4.93
Q1115-11	VNJ-213	5.03	96.5	9.5	4.0	#1	4.93
Q1119-01	FILTER CAKE	5.02	96.5	5.5	1.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q1092 S **WorkList ID :** 186947 **Department :** TCLP Extraction **Date :** 01-16-2025 09:54:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1119-01	FILTER CAKE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	M11	01/16/2025	1311
Q1092-02	428	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	01/15/2025	1311
Q1092-03	429	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	01/15/2025	1311
Q1115-02	366	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	M11	01/16/2025	1311
Q1115-05	VNJ-214	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	M11	01/16/2025	1311
Q1115-08	72-11995	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	M11	01/16/2025	1311
Q1115-11	VNJ-213	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	M11	01/16/2025	1311

Date/Time 01.16.25 18:15

Raw Sample Received by: JD WPC

Raw Sample Relinquished by: CP SM

Date/Time 01.16.25 19:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JD WPC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166115

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 01/17/2025

Extraction Start Time : 12:00

Extraction End Date : 01/17/2025

Extraction End Time : 16:55

Concentration By: EH

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	SP6681
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
Methylene Chloride	N/A	E3871
Baked Na2SO4	N/A	EP2577
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot # 2210673. pH Adjusted <2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/17/25	RP (Ext. Tech)	RC/SVOC
14:00	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166115

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 01/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166067TB	PB166067TB	TCLP BNA Group1	100	6	RUPESH	ritesh	1			SEP-01
PB166115BL	PB166115BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB166115BS	PB166115BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
Q1115-02	366	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q1115-02MS	366MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q1115-02MSD	366MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q1115-05	VNJ-214	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q1115-08	72-11995	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q1115-11	VNJ-213	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q1119-01	FILTER CAKE	TCLP BNA Group1	100	6	RUPESH	ritesh	1	A		10

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

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB166067

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB166067TB	LEB067	08	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q1092-02	428	01	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1092-03	429	02	100.01	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1115-02	366	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1115-05	VNJ-214	04	100.04	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q1115-08	72-11995	05	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q1115-11	VNJ-213	06	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q1119-01	FILTER CAKE	07	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1

11:45

01-17-25

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. Q1119
QUOTE NO.
COC Number 2041666

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Aramark Uniforms
ADDRESS: 740 Frelinghuysen Ave
CITY Newark STATE: NJ ZIP: 07114
ATTENTION: Jarrod Mills
PHONE: 973-824-1101 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: monthly
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STandard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

Full Waste Class TCLP

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	[redacted] Filter cake	S		✓	1-16-25	1338	5	E	✓								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. Jane Flanagan	1340 1-16-25	1.	1340 1-16-25
2.		2.	
3.	1810 1-16-25	3.	

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.0 °C
Comments:

Page ____ of ____

CLIENT: ❑ Hand Delivered ❑ Other _____
CHEMTECH: ❑ Picked Up ❑ Field Sampling

Shipment Complete ❑ YES ❑ NO

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

TCLP TESTING REQUIREMENTS

VOLATILES	
BENZENE	
CARBON TETRACHLORIDE	
CHLOROFORM	
1,2-DICHLOROETHANE	
1,1-DICHLOROETHYLENE	
METHYL ETHYL KETONE	
TETRACHLOROETHYLENE	
TRICHLOROETHYLENE	
VINYL CHLORIDE	
SEMI-VOLATILES	
O-CRESOL 2 methylphenol	
M-CRESOL 3+4 methylphenol.	
P-CRESOL 3+4 Methylphenol	
CRESOL	
PENTACHLOROPHENOL	
2,4,5-TRICHLOROPHENOL	
2,4,6-TRICHLOROPHENOL	
1,4-DICHLOROBENZENE	
2,4-DINITROTOLUENE	
HEXACHLOROBENZENE	
HEXACHLOROETHANE	
NITROBENZENE	
PYRIDINE	
METALS	
ARSENIC	
BARIUM	
CADMIUM	
CHROMIUM	
LEAD	
MERCURY	
SELENIUM	
SILVER	

Cresol — pcresol.
O-cresol
m cresol

**** Lab must also test/report the following:**
Corrosivity
Reactivity
Flashpoint

CHEMTECH 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