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Cover Page

Order ID : Q3092

Project ID : PGW Phila. Gas Works

Client : Atlantic Recovery Services, Inc.

Lab Sample Number	Client Sample Number
Q3092-01	291376
Q3092-02	291376
Q3092-03	279182
Q3092-04	279182

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: 9/17/2025

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 #: **Q3092**

	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: **KETAN PATEL** **Date:** **09/17/2025**

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LAB CHRONICLE

OrderID:	Q3092	**OrderDate:**	9/12/2025 12:02:28 PM
Client:	Atlantic Recovery Services, Inc.	**Project:**	PGW Phila. Gas Works
Contact:	Kenny Pyle	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3092-02	**291376**	**TCLP**			**09/12/25**			**09/12/25**
			TCLP BNA	8270E		09/15/25	09/15/25	
Q3092-04	**279182**	**TCLP**			**09/12/25**			**09/12/25**
			TCLP BNA	8270E		09/15/25	09/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3092

Client: Atlantic Recovery Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3092

Client: Atlantic Recovery Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169677TB	PB169677TB	2-Fluorophenol	150	148	99		23	138
		Phenol-d6	150	146	97		10	134
		Nitrobenzene-d5	100	97.2	97		67	132
		2-Fluorobiphenyl	100	96.7	97		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	101	101		42	152
PB169696BL	PB169696BL	2-Fluorophenol	150	129	86		23	138
		Phenol-d6	150	128	85		10	134
		Nitrobenzene-d5	100	96.8	97		67	132
		2-Fluorobiphenyl	100	91.0	91		52	132
		2,4,6-Tribromophenol	150	124	82		44	137
		Terphenyl-d14	100	99.5	100		42	152
PB169696BS	PB169696BS	2-Fluorophenol	150	129	86		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	86.4	86		67	132
		2-Fluorobiphenyl	100	84.0	84		52	132
		2,4,6-Tribromophenol	150	119	79		44	137
		Terphenyl-d14	100	85.2	85		42	152
Q3082-02MS	WC-29MS	2-Fluorophenol	150	170	114		23	138
		Phenol-d6	150	159	106		10	134
		Nitrobenzene-d5	100	119	119		67	132
		2-Fluorobiphenyl	100	118	118		52	132
		2,4,6-Tribromophenol	150	194	129		44	137
		Terphenyl-d14	100	133	133		42	152
Q3082-02MSD	WC-29MSD	2-Fluorophenol	150	152	101		23	138
		Phenol-d6	150	143	96		10	134
		Nitrobenzene-d5	100	105	105		67	132
		2-Fluorobiphenyl	100	106	106		52	132
		2,4,6-Tribromophenol	150	172	115		44	137
		Terphenyl-d14	100	117	117		42	152
Q3092-02	291376	2-Fluorophenol	150	148	98		23	138
		Phenol-d6	150	134	90		10	134
		Nitrobenzene-d5	100	106	106		67	132
		2-Fluorobiphenyl	100	102	102		52	132
		2,4,6-Tribromophenol	150	166	110		44	137
		Terphenyl-d14	100	103	103		42	152
Q3092-04	279182	2-Fluorophenol	150	133	89		23	138
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	88.2	88		67	132
		2-Fluorobiphenyl	100	88.3	88		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	93.4	93		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3092 **Analytical Method:** SW8270E

Client: Atlantic Recovery Services, Inc. **DataFile:** BF143757.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3082-02MS		**Client Sample ID: WC-29MS**									
Pyridine	500	0	440	ug/L	88				10	109	
1,4-Dichlorobenzene	500	0	510	ug/L	102				55	125	
2-Methylphenol	500	0	580	ug/L	116				60	131	
3+4-Methylphenols	500	0	590	ug/L	118				54	136	
Hexachloroethane	500	0	460	ug/L	92				19	146	
Nitrobenzene	500	0	550	ug/L	110				62	112	
Hexachlorobutadiene	500	0	490	ug/L	98				52	125	
2,4,6-Trichlorophenol	500	0	620	ug/L	124	*			78	112	
2,4,5-Trichlorophenol	500	0	610	ug/L	122	*			71	111	
2,4-Dinitrotoluene	500	0	710	ug/L	142	*			74	137	
Hexachlorobenzene	500	0	570	ug/L	114				72	115	
Pentachlorophenol	1000	0	1200	ug/L	120				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3092 **Analytical Method:** SW8270E

Client: Atlantic Recovery Services, Inc. **DataFile:** BF143758.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3082-02MSD		**Client Sample ID: WC-29MSD**									
Pyridine	500	0	400	ug/L	80		10		10	109	20
1,4-Dichlorobenzene	500	0	450	ug/L	90		13		55	125	20
2-Methylphenol	500	0	510	ug/L	102		13		60	131	20
3+4-Methylphenols	500	0	520	ug/L	104		13		54	136	20
Hexachloroethane	500	0	420	ug/L	84		9		19	146	20
Nitrobenzene	500	0	490	ug/L	98		12		62	112	20
Hexachlorobutadiene	500	0	430	ug/L	86		13		52	125	20
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*	8		78	112	20
2,4,5-Trichlorophenol	500	0	550	ug/L	110		10		71	111	20
2,4-Dinitrotoluene	500	0	600	ug/L	120		17		74	137	20
Hexachlorobenzene	500	0	520	ug/L	104		9		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		9		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3092 **Analytical Method:** 8270E

Client: Atlantic Recovery Services, Inc. **DataFile:** BF143777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169696BS	Pyridine	50	39.9	ug/L	80				29	97	
	1,4-Dichlorobenzene	50	45.6	ug/L	91				76	103	
	2-Methylphenol	50	43.0	ug/L	86				69	109	
	3+4-Methylphenols	50	44.2	ug/L	88				67	106	
	Hexachloroethane	50	44.4	ug/L	89				76	118	
	Nitrobenzene	50	43.1	ug/L	86				58	106	
	Hexachlorobutadiene	50	42.1	ug/L	84				69	101	
	2,4,6-Trichlorophenol	50	41.8	ug/L	84				61	110	
	2,4,5-Trichlorophenol	50	44.0	ug/L	88				70	106	
	2,4-Dinitrotoluene	50	42.6	ug/L	85				60	115	
	Hexachlorobenzene	50	48.3	ug/L	97				73	106	
	Pentachlorophenol	100	99.8	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169696BL

Lab Name: Alliance | Contract: ATLA10

Lab Code: ACE | SDG NO.: Q3092

Lab File ID: BF143776.D | Lab Sample ID: PB169696BL

Instrument ID: BNA_F | Date Extracted: 09/15/2025

Matrix: (soil/water) water | Date Analyzed: 09/16/2025

Level: (low/med) LOW | Time Analyzed: 16:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169696BS	PB169696BS	BF143777.D	09/16/2025
279182	Q3092-04	BP025762.D	09/16/2025
PB169677TB	PB169677TB	BF143754.D	09/15/2025
WC-29MS	Q3082-02MS	BF143757.D	09/15/2025
WC-29MSD	Q3082-02MSD	BF143758.D	09/15/2025
291376	Q3092-02	BF143763.D	09/15/2025

COMMENTS:

Raw Data: **BF143675.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG NO.: Q3092

Lab File ID: BF143675.D DFTPP Injection Date: 09/09/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.4 (18.4) 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	BF143676.D	09/09/2025	09:12
SSTDICC005	SSTDICC005	BF143677.D	09/09/2025	09:41
SSTDICC010	SSTDICC010	BF143678.D	09/09/2025	10:10
SSTDICC020	SSTDICC020	BF143679.D	09/09/2025	10:39
SSTDICCC040	SSTDICCC040	BF143680.D	09/09/2025	11:08
SSTDICC050	SSTDICC050	BF143681.D	09/09/2025	11:37
SSTDICC060	SSTDICC060	BF143682.D	09/09/2025	12:07
SSTDICC080	SSTDICC080	BF143683.D	09/09/2025	13:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ATLA10

Lab Code: ACE — SDG NO.: Q3092

Lab File ID: BF143747.D — DFTPP Injection Date: 09/15/2025

Instrument ID: BNA_F — DFTPP Injection Time: 12:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (1) 1
69	Mass 69 relative abundance	23.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.3 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143748.D	09/15/2025	12:49
PB169677TB	PB169677TB	BF143754.D	09/15/2025	16:20
WC-29MS	Q3082-02MS	BF143757.D	09/15/2025	17:58
WC-29MSD	Q3082-02MSD	BF143758.D	09/15/2025	18:28
291376	Q3092-02	BF143763.D	09/15/2025	20:55

Raw Data: **BF143765.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG NO.: Q3092

Lab File ID: BF143765.D DFTPP Injection Date: 09/16/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.9) 1
69	Mass 69 relative abundance	26.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	16.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 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	BF143767.D	09/16/2025	11:23
SSTDICC005	SSTDICC005	BF143768.D	09/16/2025	11:52
SSTDICC010	SSTDICC010	BF143769.D	09/16/2025	12:21
SSTDICC020	SSTDICC020	BF143770.D	09/16/2025	12:50
SSTDICCC040	SSTDICCC040	BF143771.D	09/16/2025	13:19
SSTDICC050	SSTDICC050	BF143772.D	09/16/2025	13:48
SSTDICC060	SSTDICC060	BF143773.D	09/16/2025	14:17
SSTDICC080	SSTDICC080	BF143774.D	09/16/2025	14:45
PB169696BL	PB169696BL	BF143776.D	09/16/2025	16:53
PB169696BS	PB169696BS	BF143777.D	09/16/2025	17:22

Raw Data: **BP025724.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG NO.: Q3092

Lab File ID: BP025724.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ATLA10

Lab Code: ACE — SDG NO.: Q3092

Lab File ID: BP025755.D — DFTPP Injection Date: 09/16/2025

Instrument ID: BNA_P — DFTPP Injection Time: 12:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	12.9 (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	BP025756.D	09/16/2025	13:31
279182	Q3092-04	BP025762.D	09/16/2025	17:53

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID : SSTDCCC040 Date Analyzed: 09/15/2025

Lab File ID: BF143748.D Time Analyzed: 12:49

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	29333	6.899	108964	8.18	61007	9.93
	UPPER LIMIT	58666	7.399	217928	8.681	122014	10.434
	LOWER LIMIT	14666.5	6.399	54482	7.681	30503.5	9.434
	EPA SAMPLE NO.						
01	PB169677TB	17700	6.89	66317	8.18	37178	9.93
02	WC-29MS	15629	6.89	59287	8.18	33245	9.93
03	WC-29MSD	17438	6.89	66564	8.18	36375	9.93
04	291376	16953	6.89	62637	8.18	34545	9.93

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: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID: SSTDCCC040 Date Analyzed: 09/15/2025

Lab File ID: BF143748.D Time Analyzed: 12:49

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	98887	11.428	57586	14.075	53631	15.557
	UPPER LIMIT	197774	11.928	115172	14.575	107262	16.057
	LOWER LIMIT	49443.5	10.928	28793	13.575	26815.5	15.057
	EPA SAMPLE NO.						
01	PB169677TB	65553	11.42	43773	14.06	31711	15.55
02	WC-29MS	57772	11.43	33945	14.07	27158	15.55
03	WC-29MSD	60029	11.42	36351	14.07	28488	15.55
04	291376	56729	11.42	40371	14.06	26945	15.55

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID : SSTDICCC040 Date Analyzed: 09/16/2025

Lab File ID: BF143771.D Time Analyzed: 13:19

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	5123	6.893	18088	8.18	8844	9.93
	UPPER LIMIT	10246	7.393	36176	8.675	17688	10.434
	LOWER LIMIT	2561.5	6.393	9044	7.675	4422	9.434
	EPA SAMPLE NO.						
01	PB169696BL	5265	6.89	17131	8.17	9057	9.93
02	PB169696BS	4147	6.89	15087	8.18	7826	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID: SSTDICCC040 Date Analyzed: 09/16/2025

Lab File ID: BF143771.D Time Analyzed: 13:19

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	13259	11.422	9965	14.069	10181	15.551
	UPPER LIMIT	26518	11.922	19930	14.569	20362	16.051
	LOWER LIMIT	6629.5	10.922	4982.5	13.569	5090.5	15.051
	EPA SAMPLE NO.						
01	PB169696BL	14619	11.42	7741	14.06	6965	15.55
02	PB169696BS	10752	11.42	6785	14.07	6021	15.55

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID : SSTDCCC040 Date Analyzed: 09/16/2025

Lab File ID: BP025756.D Time Analyzed: 13:31

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	131105	7.754	526142	10.53	351438	14.37
	UPPER LIMIT	262210	8.254	1052280	11.025	702876	14.871
	LOWER LIMIT	65552.5	7.254	263071	10.025	175719	13.871
	EPA SAMPLE NO.						
01	279182	149569	7.76	565486	10.53	361652	14.37

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,
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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3092

Client ID: SSTDCCC040 Date Analyzed: 09/16/2025

Lab File ID: BP025756.D Time Analyzed: 13:31

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	718838	17.165	849419	21.63	1092590	24.994
	UPPER LIMIT	1437680	17.665	1698840	22.13	2185180	25.494
	LOWER LIMIT	359419	16.665	424710	21.13	546295	24.494
	EPA SAMPLE NO.						
01	279182	738027	17.17	763749	21.62	802889	24.98

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: **BF143754.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/15/25
Project:	PGW Phila. Gas Works	Date Received:	09/15/25
Client Sample ID:	PB169677TB	SDG No.:	Q3092
Lab Sample ID:	PB169677TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143754.D	1	09/15/25 10:10	09/15/25 16:20	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		23 - 138	99%	SPK: 150
13127-88-3	Phenol-d6	146		10 - 134	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.2		67 - 132	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.7		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17700	6.893			
1146-65-2	Naphthalene-d8	66300	8.175			
15067-26-2	Acenaphthene-d10	37200	9.928			
1517-22-2	Phenanthrene-d10	65600	11.422			
1719-03-5	Chrysene-d12	43800	14.063			
1520-96-3	Perylene-d12	31700	15.545			

Raw Data: **BF143754.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/15/25
Project:	PGW Phila. Gas Works	Date Received:	09/15/25
Client Sample ID:	PB169677TB	SDG No.:	Q3092
Lab Sample ID:	PB169677TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143754.D	1	09/15/25 10:10	09/15/25 16:20	PB169696

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\BF091525\
Data File : BF143754.D
Acq On : 15 Sep 2025 16:20
Operator : RC/JU
Sample : PB169677TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Quant Time: Sep 15 17:56:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

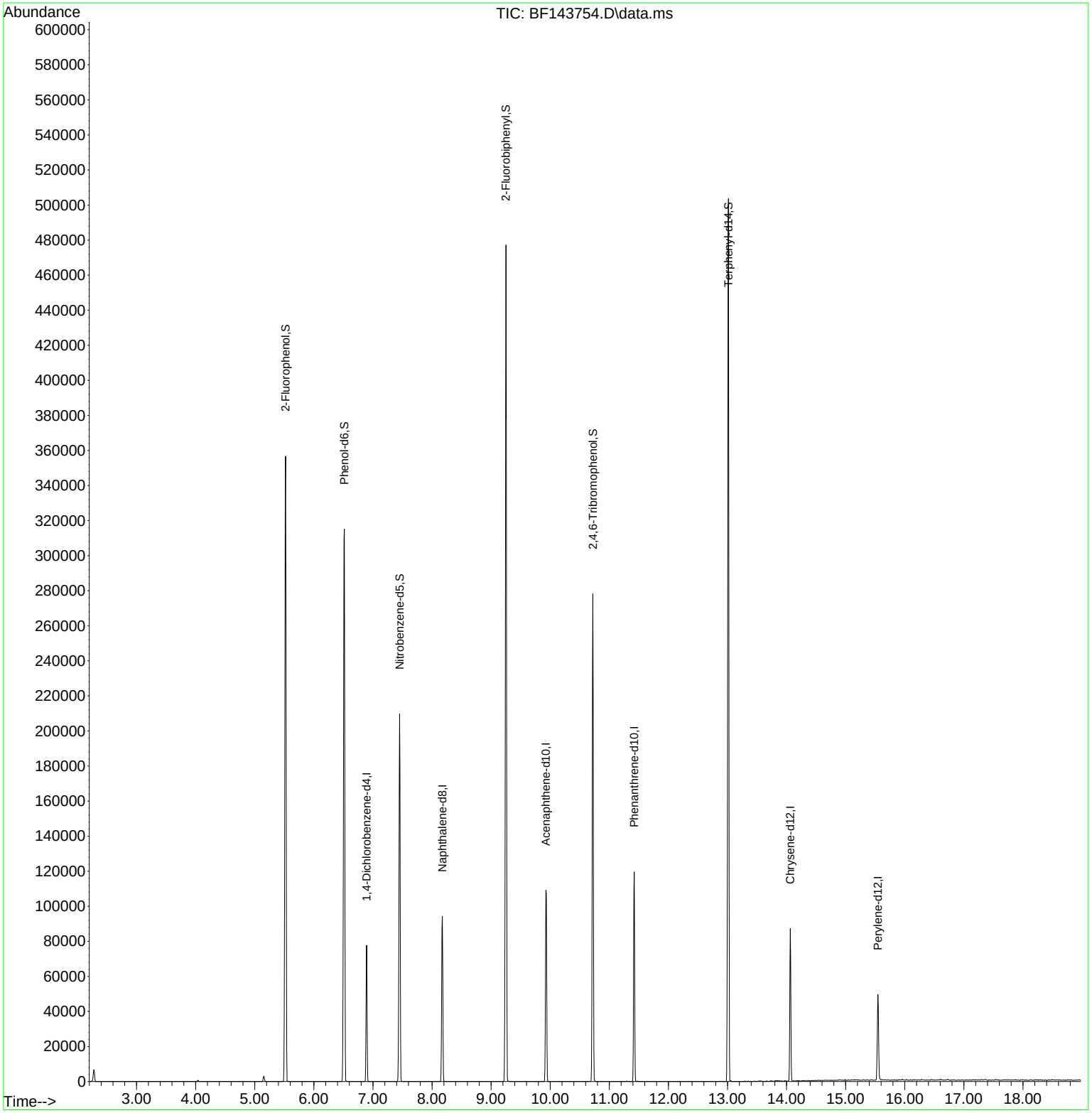
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	17700	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	66317	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	37178	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	65553	20.000	ng	0.01
76) Chrysene-d12	14.063	240	43773	20.000	ng	0.02
86) Perylene-d12	15.545	264	31711	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	153538	147.999	ng	0.02
7) Phenol-d6	6.516	99	183865	145.558	ng	0.01
23) Nitrobenzene-d5	7.451	82	103581	97.152	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	53879	143.804	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	237970	96.692	ng	0.00
79) Terphenyl-d14	13.016	244	273897	101.399	ng	0.02
Target Compounds						Qvalue

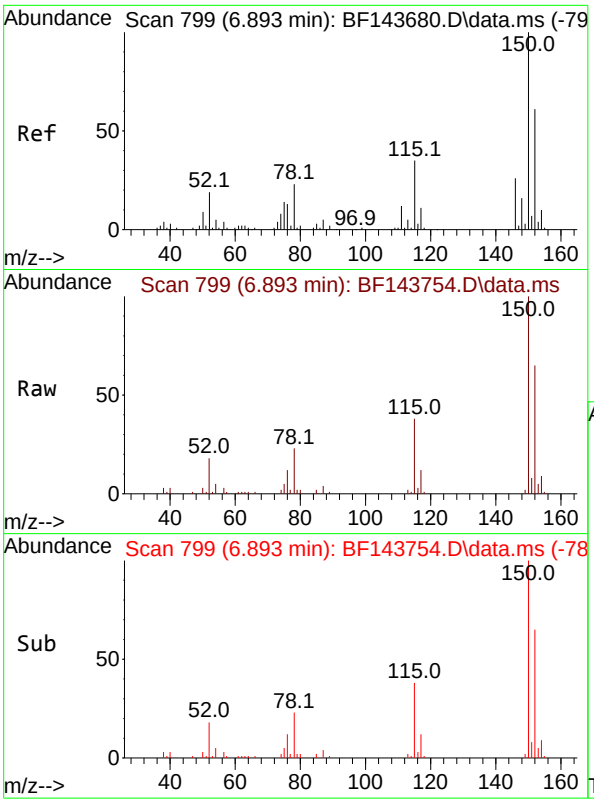
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143754.D
Acq On : 15 Sep 2025 16:20
Operator : RC/JU
Sample : PB169677TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Quant Time: Sep 15 17:56:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



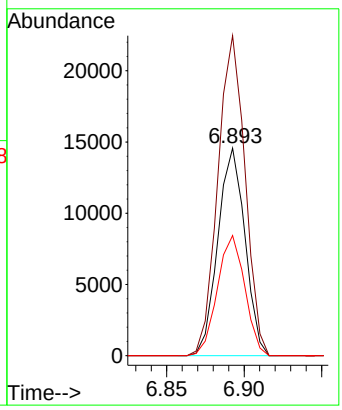


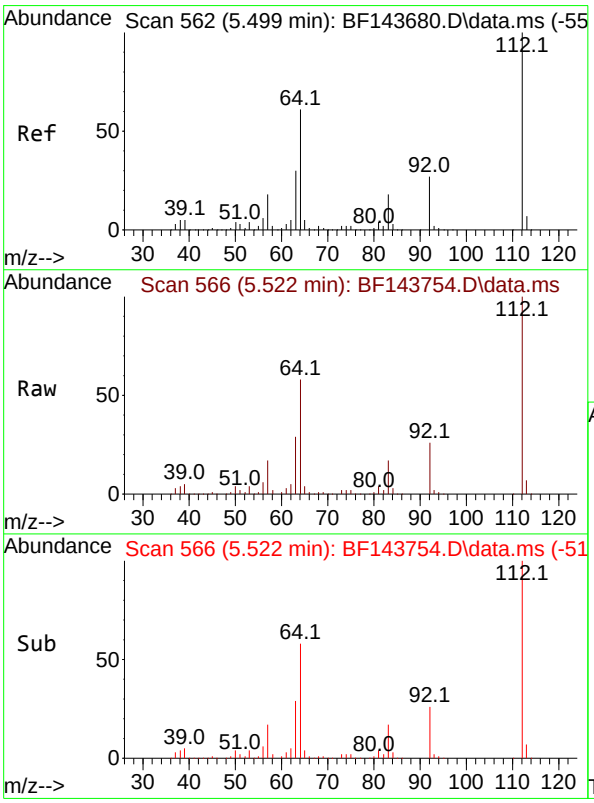
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion:152 Resp: 17700

Ion	Ratio	Lower	Upper
152	100		
150	154.2	130.7	196.1
115	57.9	45.9	68.9

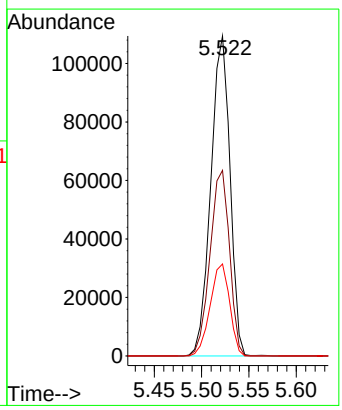


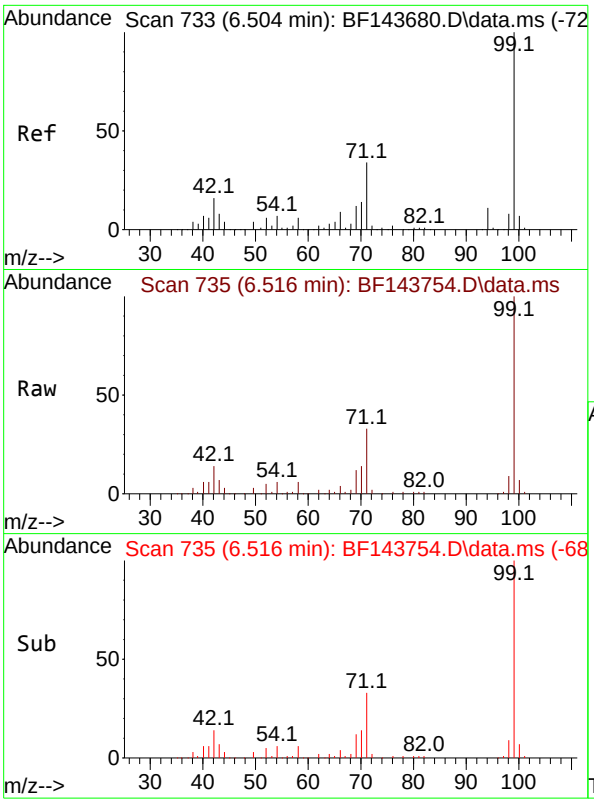


#5
2-Fluorophenol
Concen: 147.999 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.023 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:112 Resp: 153538

Ion	Ratio	Lower	Upper
112	100		
64	58.0	49.0	73.4
63	28.7	24.3	36.5



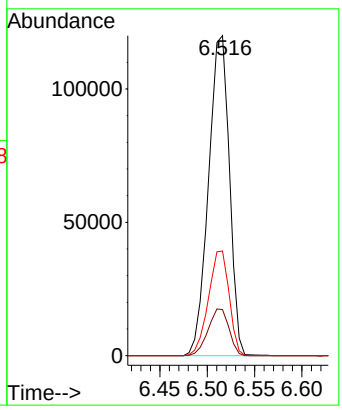


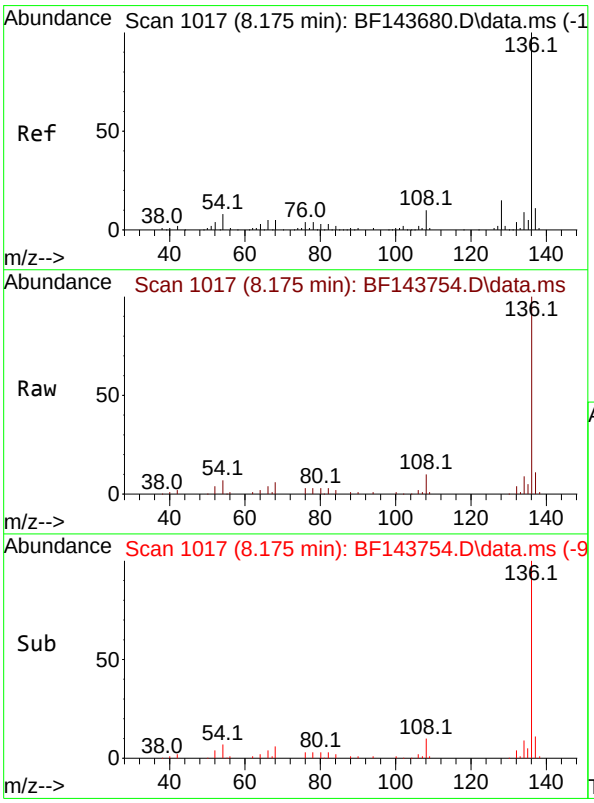
#7
Phenol-d6
Concen: 145.558 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion: 99 Resp: 183865

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.0	19.4
71	32.7	27.4	41.2

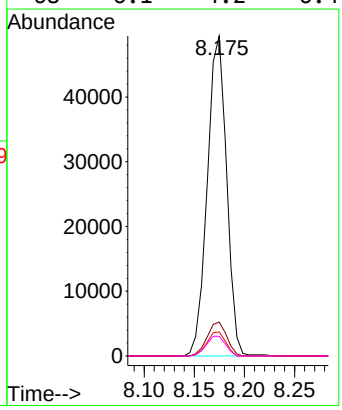


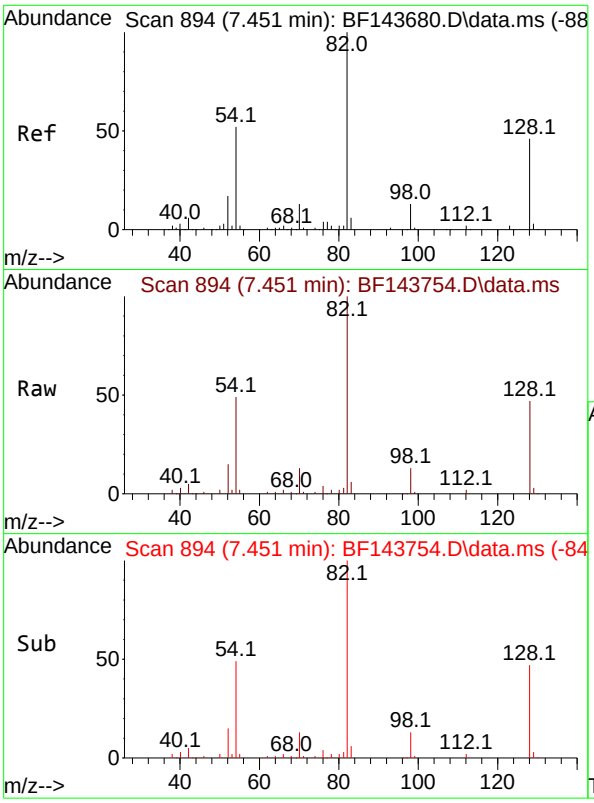


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:136 Resp: 66317

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.5	6.2	9.2
68	6.1	4.2	6.4



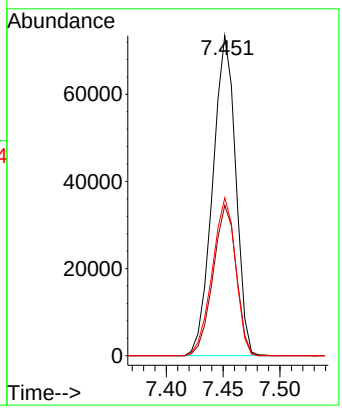


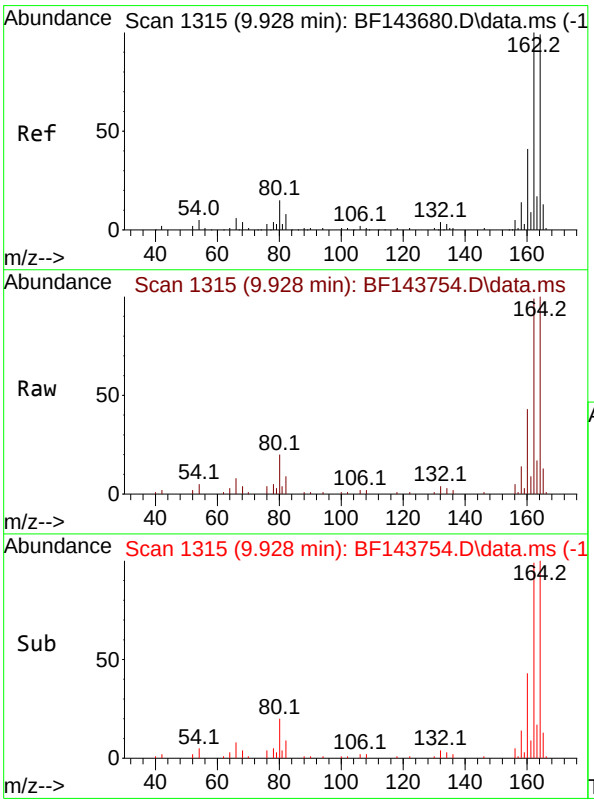
#23
Nitrobenzene-d5
Concen: 97.152 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion: 82 Resp: 103581

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.4
54	49.3	41.8	62.8

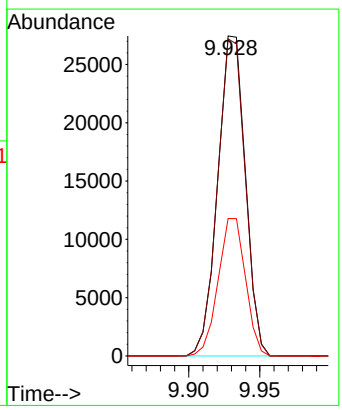


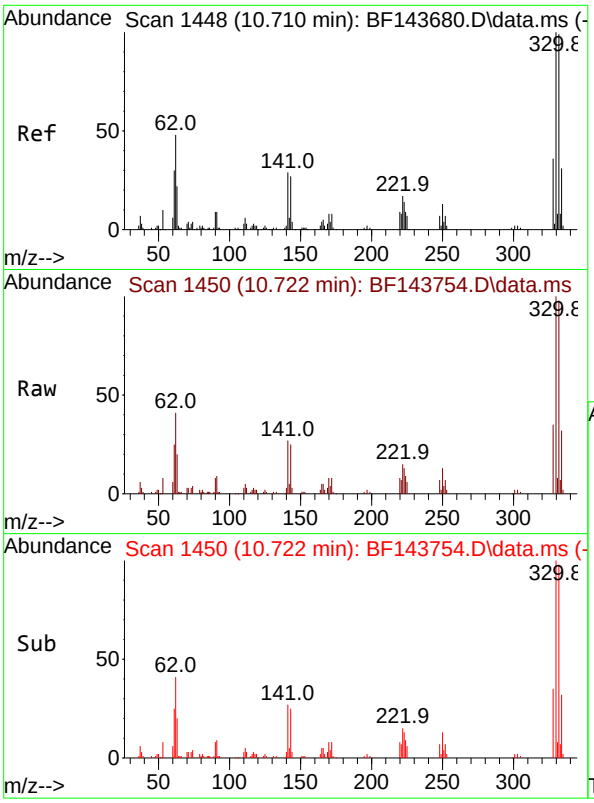


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:164 Resp: 37178

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	121.0
160	43.0	33.0	49.4



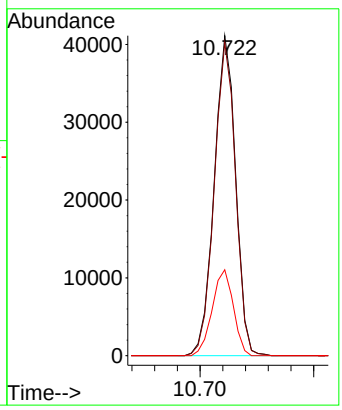


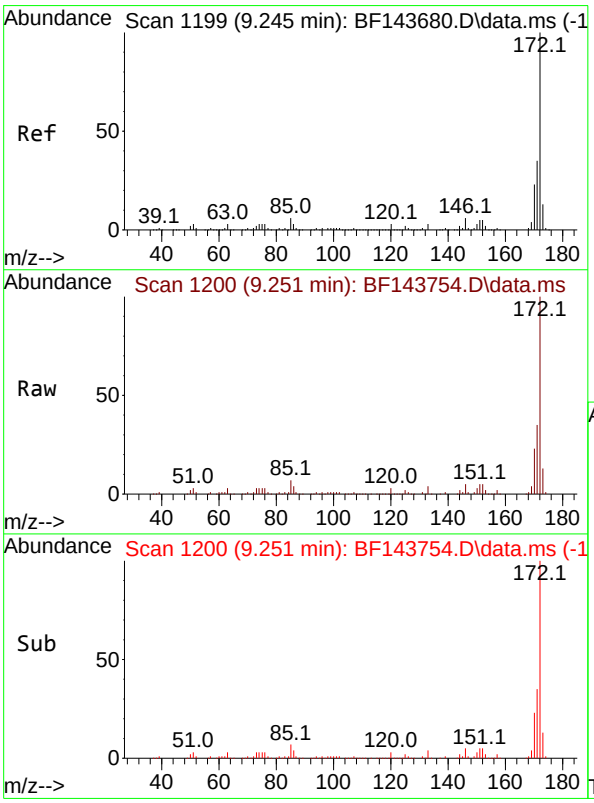
#42
2,4,6-Tribromophenol
Concen: 143.804 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion:330 Resp: 53879

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.2	118.8
141	26.5	22.2	33.4

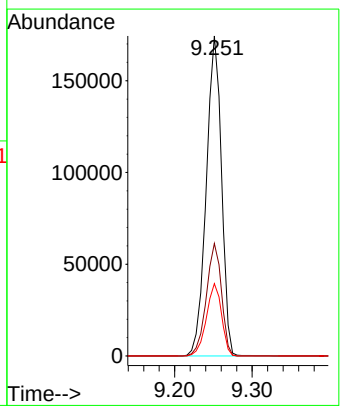


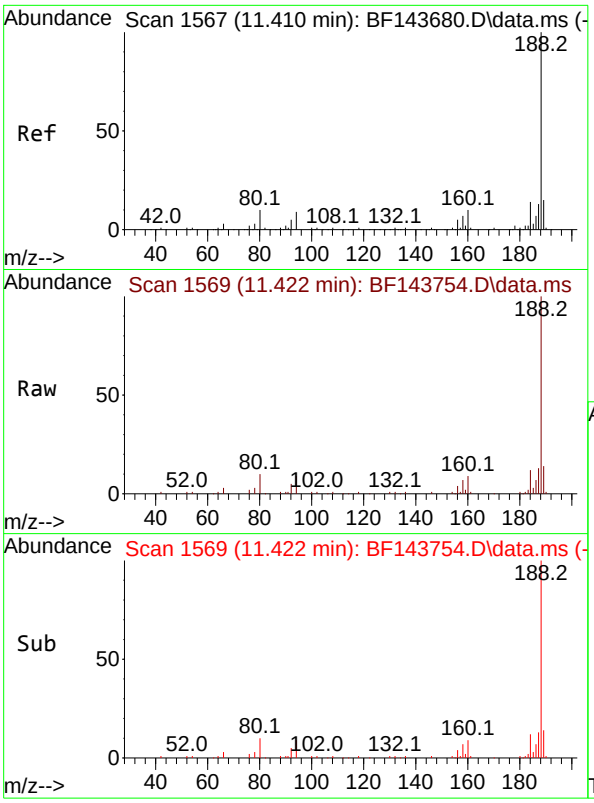


#45
2-Fluorobiphenyl
Concen: 96.692 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:172 Resp: 237970

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	22.6	18.6	27.8



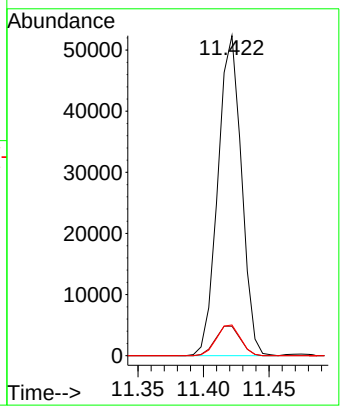


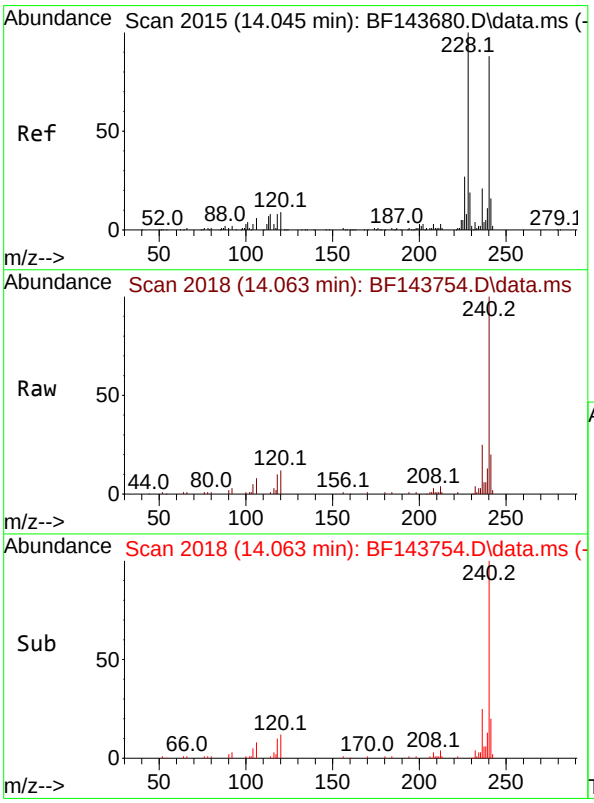
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion:188 Resp: 65553

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	9.6	7.7	11.5

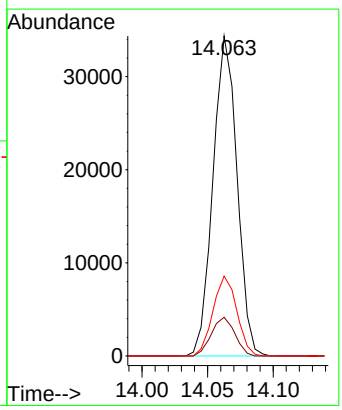


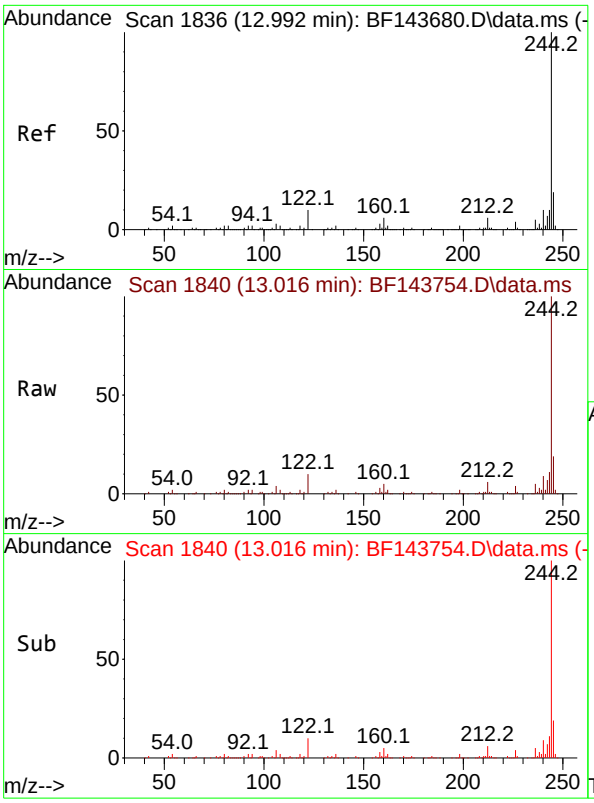


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:240 Resp: 43773

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.4	12.6
236	25.0	18.6	28.0



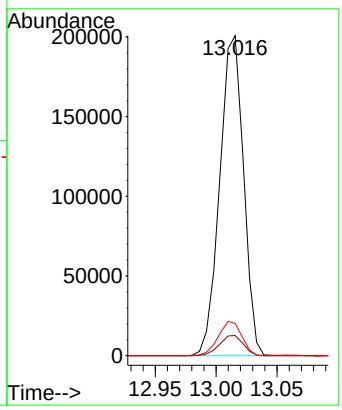


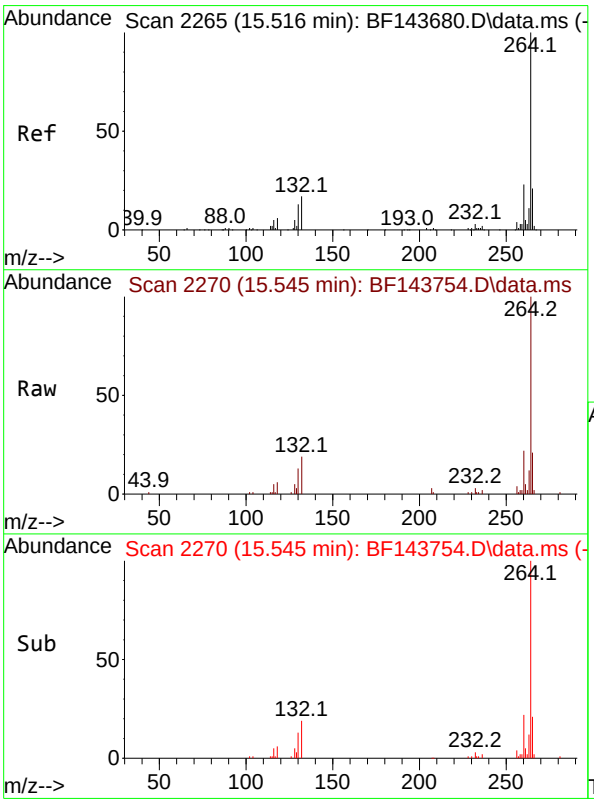
#79
Terphenyl-d14
Concen: 101.399 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Instrument :
BNA_F
ClientSampleId :
PB169677TB

Tgt Ion:244 Resp: 273897

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	10.1	7.9	11.9

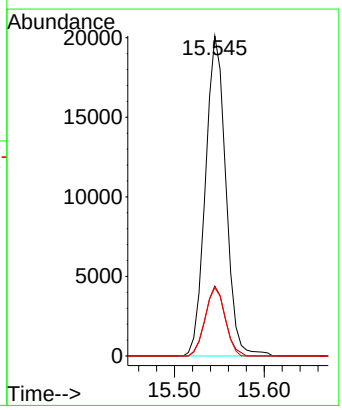




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143754.D
Acq: 15 Sep 2025 16:20

Tgt Ion:264 Resp: 31711

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	21.3	17.1	25.7



Raw Data: **BF143763.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/12/25
Project:	PGW Phila. Gas Works	Date Received:	09/12/25
Client Sample ID:	291376	SDG No.:	Q3092
Lab Sample ID:	Q3092-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143763.D	1	09/15/25 10:10	09/15/25 20:55	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		23 - 138	98%	SPK: 150
13127-88-3	Phenol-d6	134		10 - 134	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		67 - 132	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		52 - 132	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		44 - 137	110%	SPK: 150
1718-51-0	Terphenyl-d14	103		42 - 152	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17000	6.892			
1146-65-2	Naphthalene-d8	62600	8.175			
15067-26-2	Acenaphthene-d10	34500	9.928			
1517-22-2	Phenanthrene-d10	56700	11.422			
1719-03-5	Chrysene-d12	40400	14.063			
1520-96-3	Perylene-d12	26900	15.545			

Raw Data: **BF143763.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/12/25
Project:	PGW Phila. Gas Works	Date Received:	09/12/25
Client Sample ID:	291376	SDG No.:	Q3092
Lab Sample ID:	Q3092-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF143763.D	1	09/15/25 10:10	09/15/25 20:55	PB169696

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

Sample Results: **BF143763.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143763.D
Acq On : 15 Sep 2025 20:55
Operator : RC/JU
Sample : Q3092-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291376

Quant Time: Sep 16 01:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

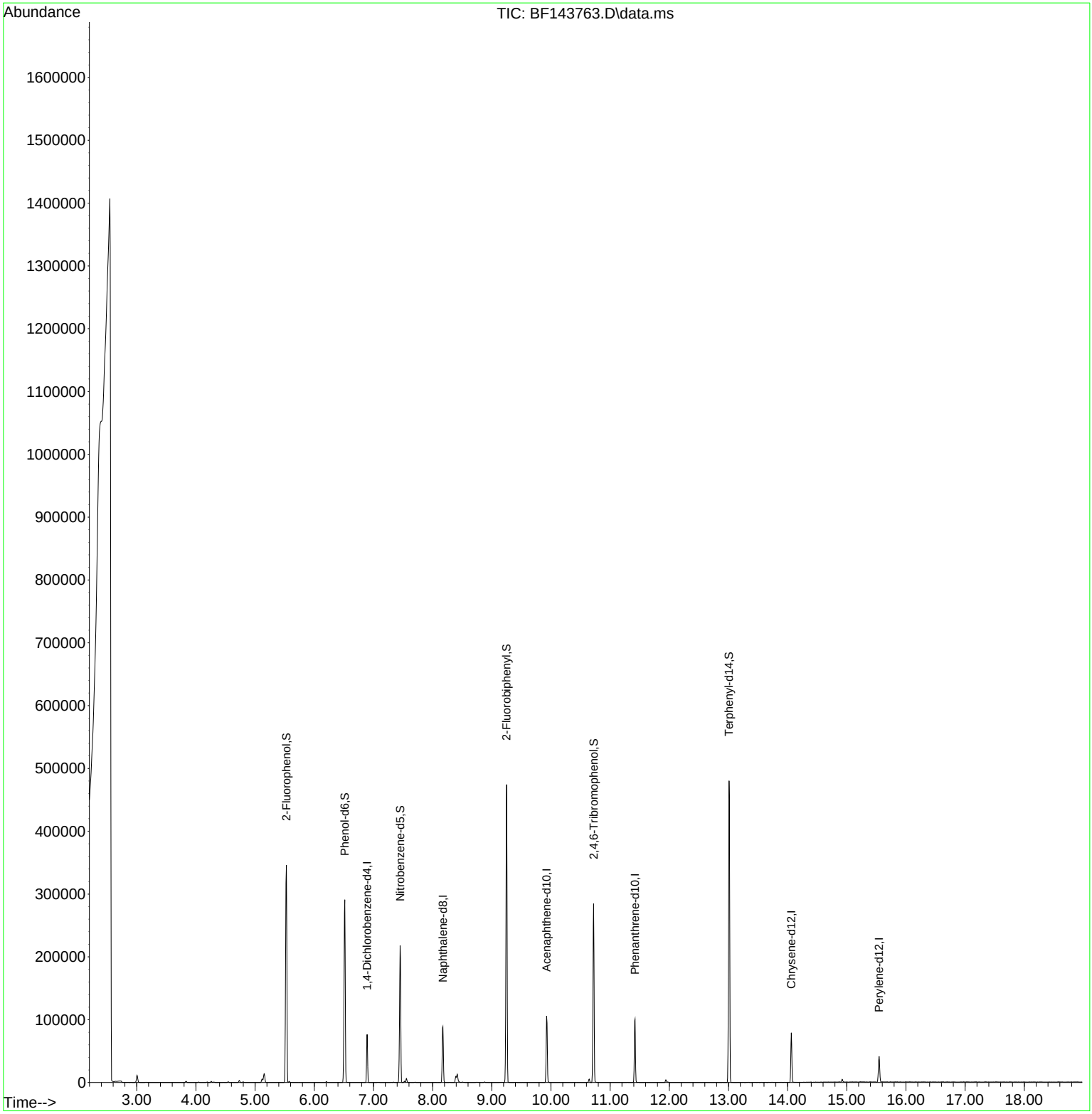
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	16953	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	62637	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	34545	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	56729	20.000	ng	0.01
76) Chrysene-d12	14.063	240	40371	20.000	ng	0.02
86) Perylene-d12	15.545	264	26945	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	146678	147.616	ng	0.03
7) Phenol-d6	6.516	99	162698	134.476	ng	0.01
23) Nitrobenzene-d5	7.451	82	106895	106.150	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	57624	165.522	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	233546	102.127	ng	0.00
79) Terphenyl-d14	13.010	244	255438	102.535	ng	0.02
Target Compounds						Qvalue

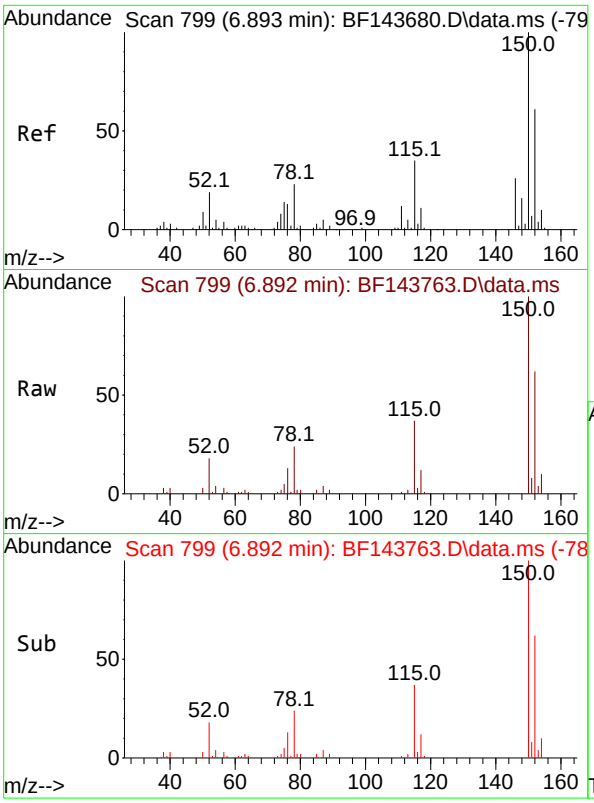
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143763.D
Acq On : 15 Sep 2025 20:55
Operator : RC/JU
Sample : Q3092-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291376

Quant Time: Sep 16 01:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



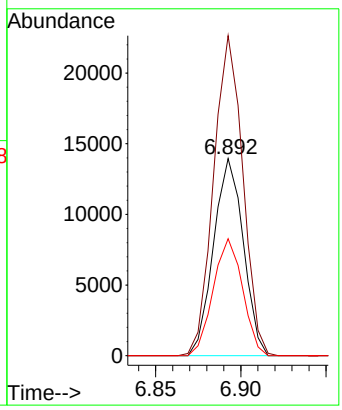


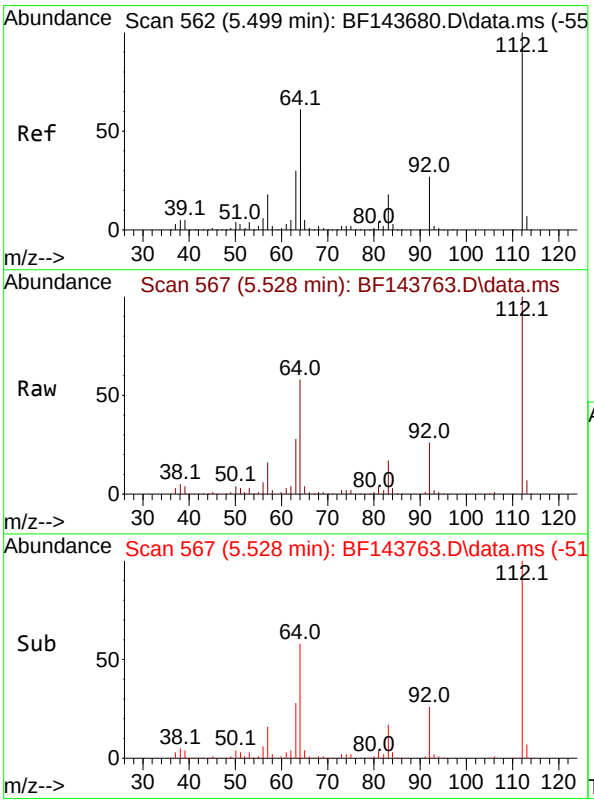
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:152 Resp: 16953

Ion	Ratio	Lower	Upper
152	100		
150	162.3	130.7	196.1
115	59.4	45.9	68.9

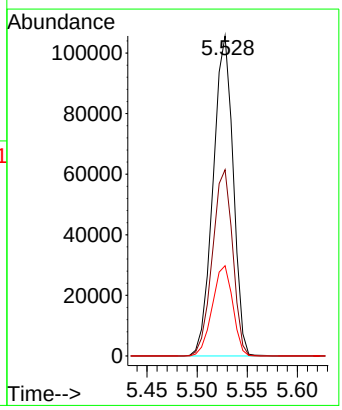


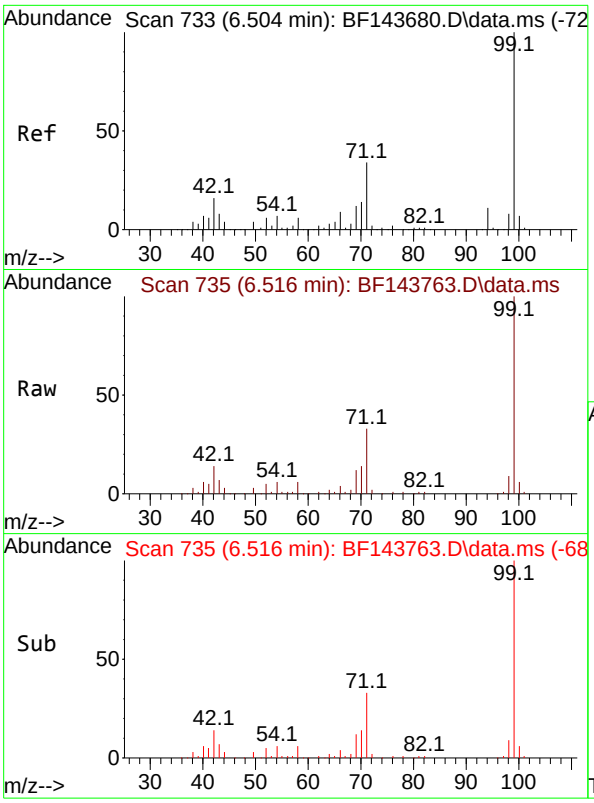


#5
2-Fluorophenol
Concen: 147.616 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.029 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:112 Resp: 146678

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.0	73.4
63	28.2	24.3	36.5



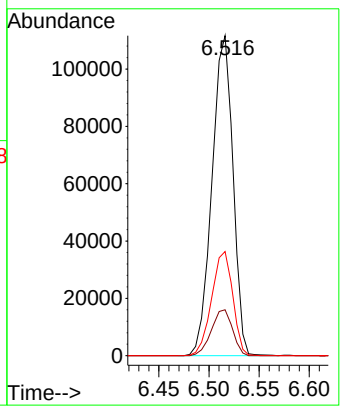


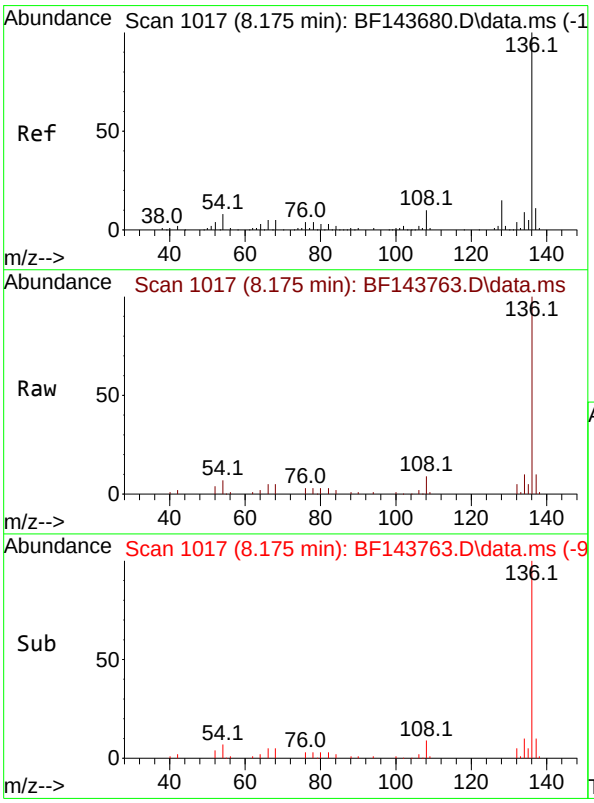
#7
Phenol-d6
Concen: 134.476 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion: 99 Resp: 162698

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.0	19.4
71	32.6	27.4	41.2

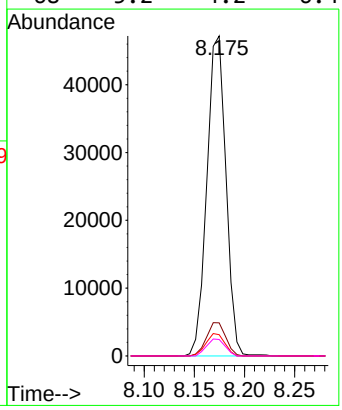


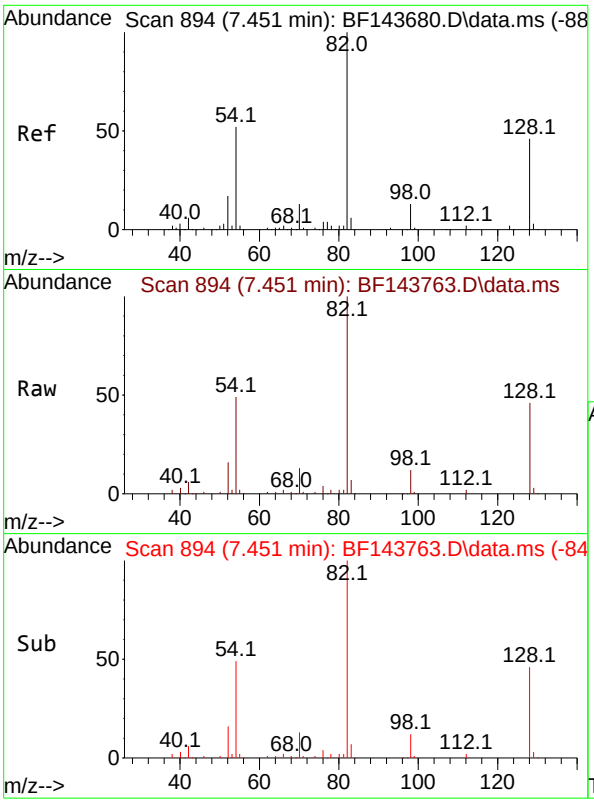


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:136 Resp: 62637

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.7	6.2	9.2
68	5.2	4.2	6.4



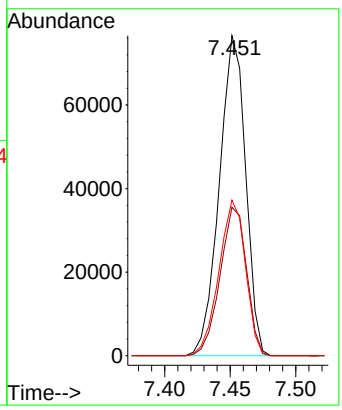


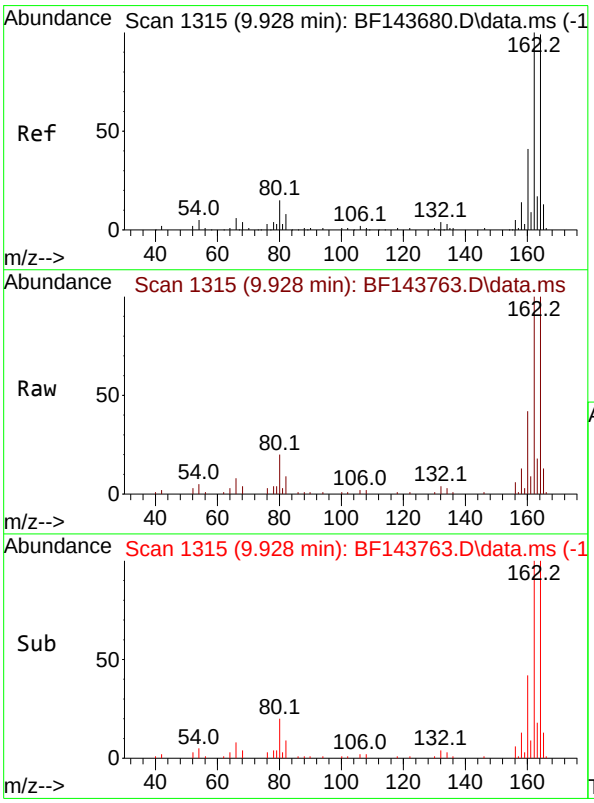
#23
Nitrobenzene-d5
Concen: 106.150 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion: 82 Resp: 106895

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.6	41.8	62.8

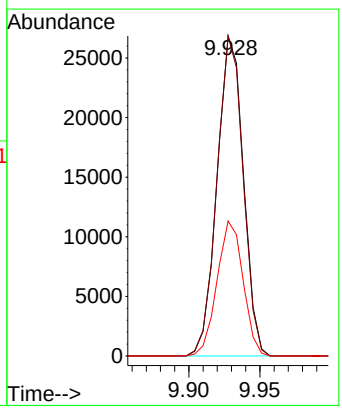


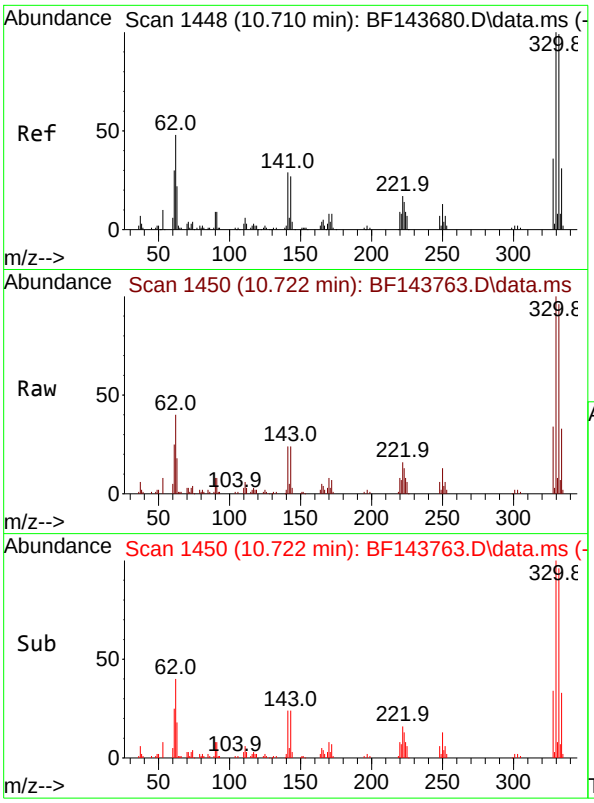


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:164 Resp: 34545

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	42.2	33.0	49.4



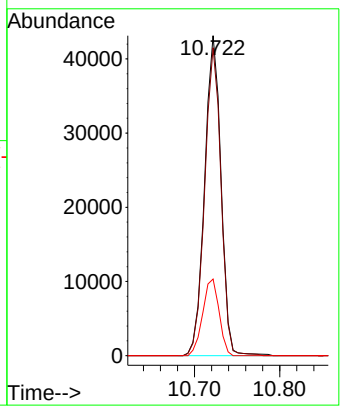


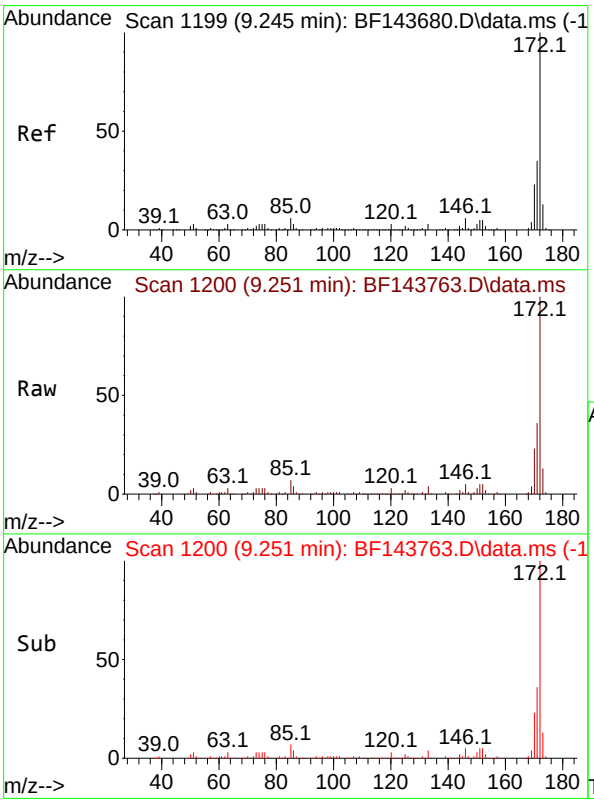
#42
2,4,6-Tribromophenol
Concen: 165.522 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:330 Resp: 57624

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.2	118.8
141	24.0	22.2	33.4

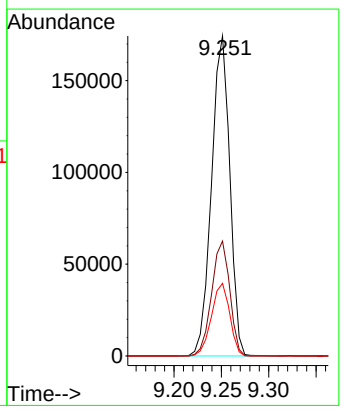


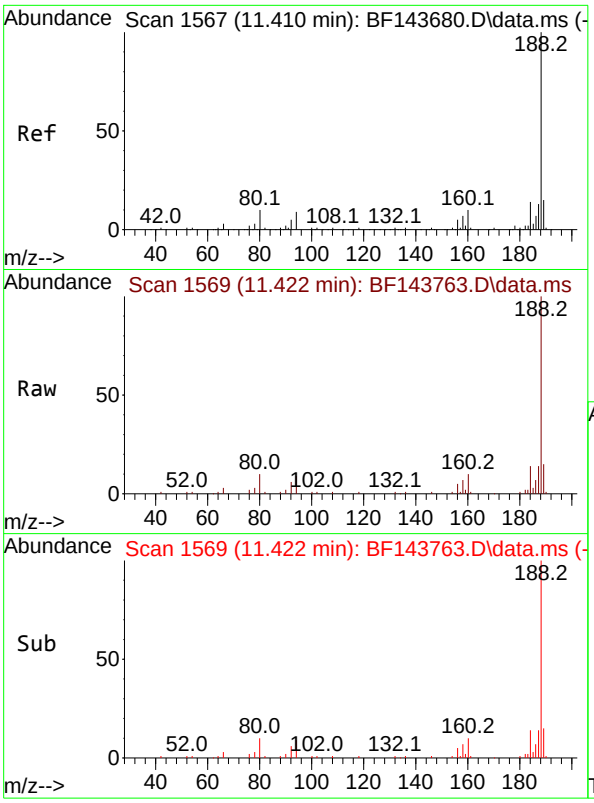


#45
2-Fluorobiphenyl
Concen: 102.127 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:172 Resp: 233546

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	22.7	18.6	27.8



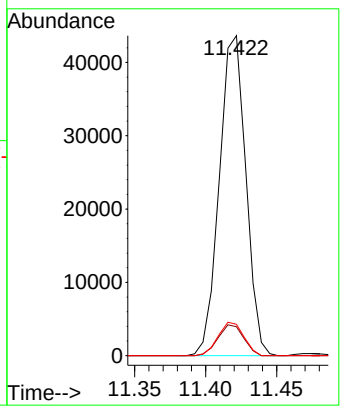


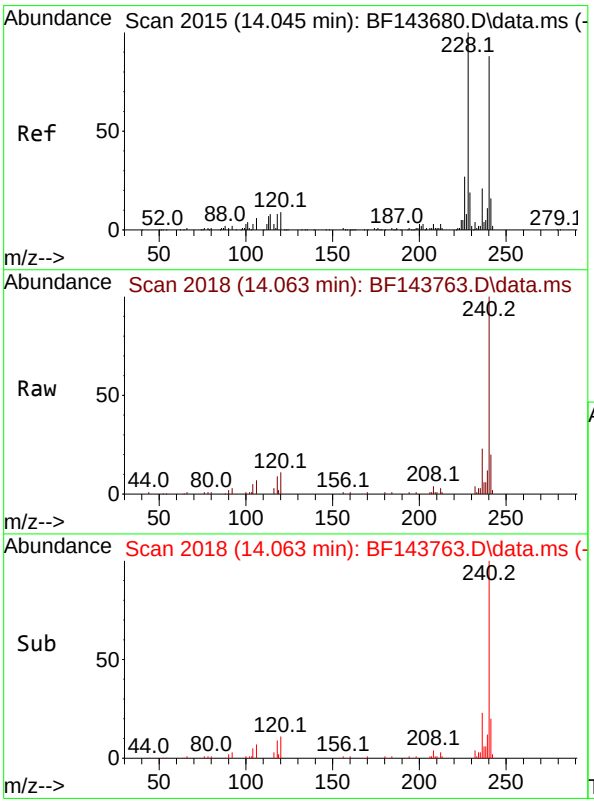
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:188 Resp: 56729

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.0
80	9.8	7.7	11.5

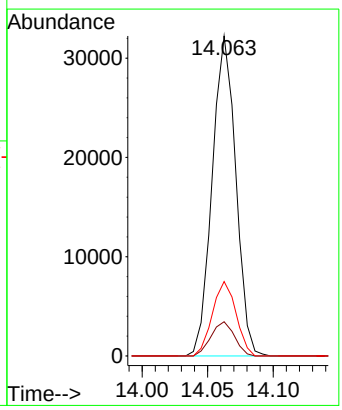


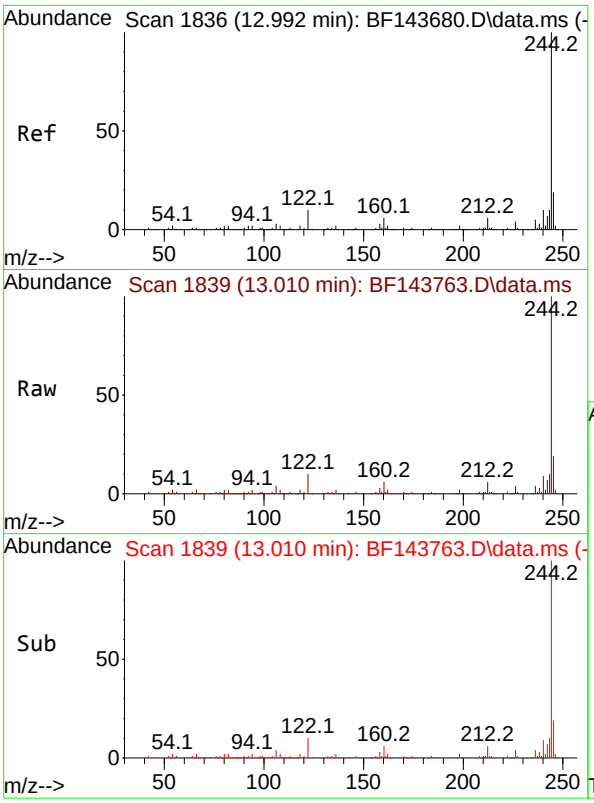


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:240 Resp: 40371

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	23.3	18.6	28.0



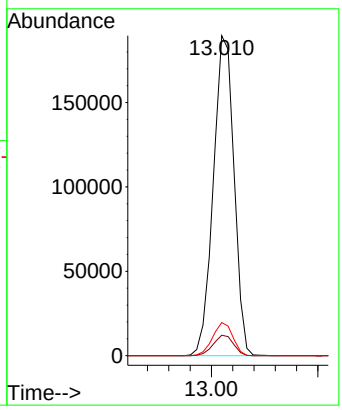


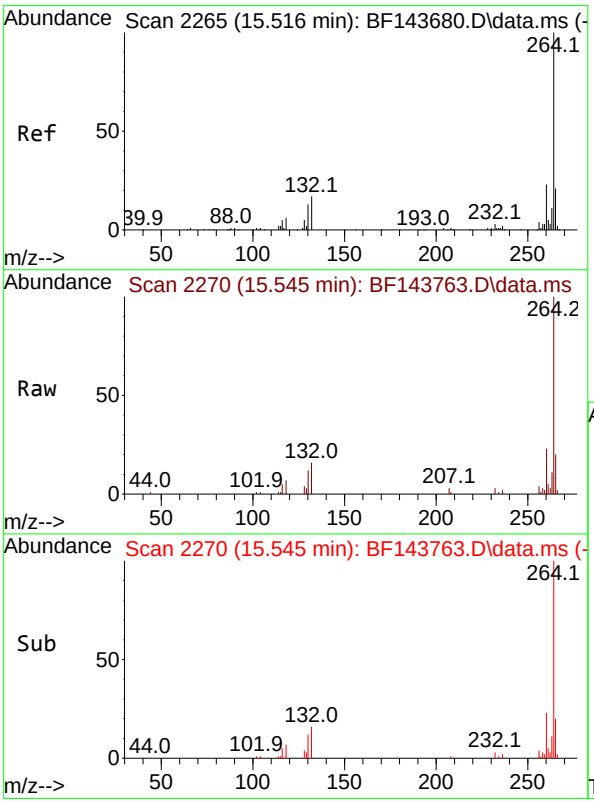
#79
Terphenyl-d14
Concen: 102.535 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:244 Resp: 255438

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	10.4	7.9	11.9

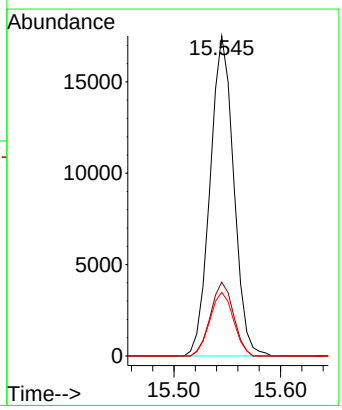




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:264 Resp: 26945

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	19.9	17.1	25.7



Raw Data: **BP025762.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/12/25
Project:	PGW Phila. Gas Works	Date Received:	09/12/25
Client Sample ID:	279182	SDG No.:	Q3092
Lab Sample ID:	Q3092-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP025762.D	1	09/15/25 10:10	09/16/25 17:53	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		23 - 138	89%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 134	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.2		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	93.4		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	7.755			
1146-65-2	Naphthalene-d8	565000	10.525			
15067-26-2	Acenaphthene-d10	362000	14.372			
1517-22-2	Phenanthrene-d10	738000	17.166			
1719-03-5	Chrysene-d12	764000	21.619			
1520-96-3	Perylene-d12	803000	24.977			

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.			Date Collected:	09/12/25
Project:	PGW Phila. Gas Works			Date Received:	09/12/25
Client Sample ID:	279182			SDG No.:	Q3092
Lab Sample ID:	Q3092-04			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BP025762.D	1	09/15/25 10:10	09/16/25 17:53	PB169696

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

Sample Results: **BP025762.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025762.D
Acq On : 16 Sep 2025 17:53
Operator : CG/JU
Sample : Q3092-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
279182

Quant Time: Sep 16 18:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

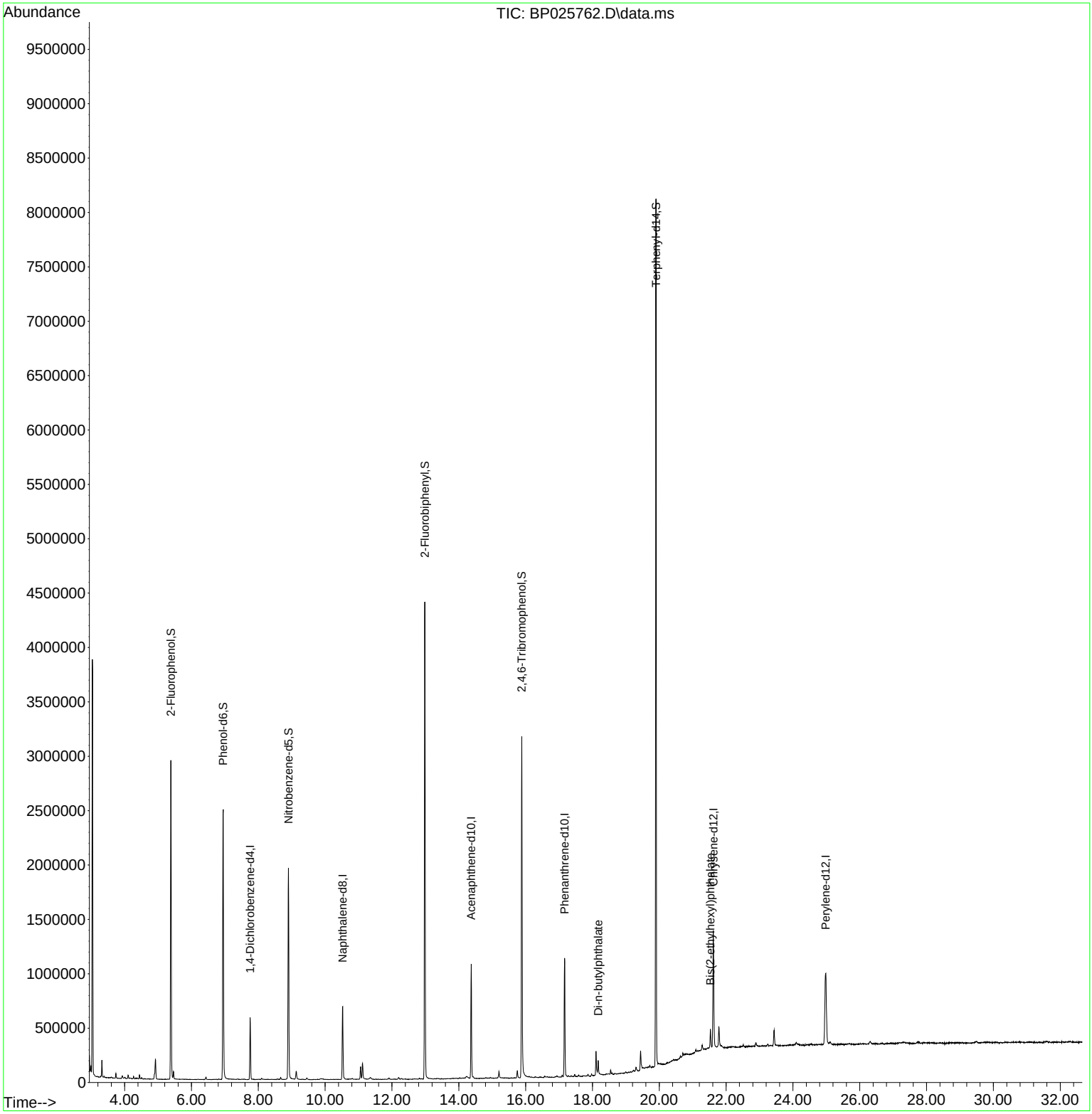
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	149569	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	565486	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	361652	20.000	ng	0.00
64) Phenanthrene-d10	17.166	188	738027	20.000	ng	-0.02
76) Chrysene-d12	21.619	240	763749	20.000	ng	-0.02
86) Perylene-d12	24.977	264	802889	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1235862	133.325	ng	0.00
7) Phenol-d6	6.949	99	1443164	117.131	ng	0.00
23) Nitrobenzene-d5	8.902	82	1131270	88.245	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	640768	142.049	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2399374	88.339	ng	0.00
79) Terphenyl-d14	19.901	244	3965973	93.417	ng	-0.01
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.172	149	103298	2.131	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	79811	2.441	ng	99

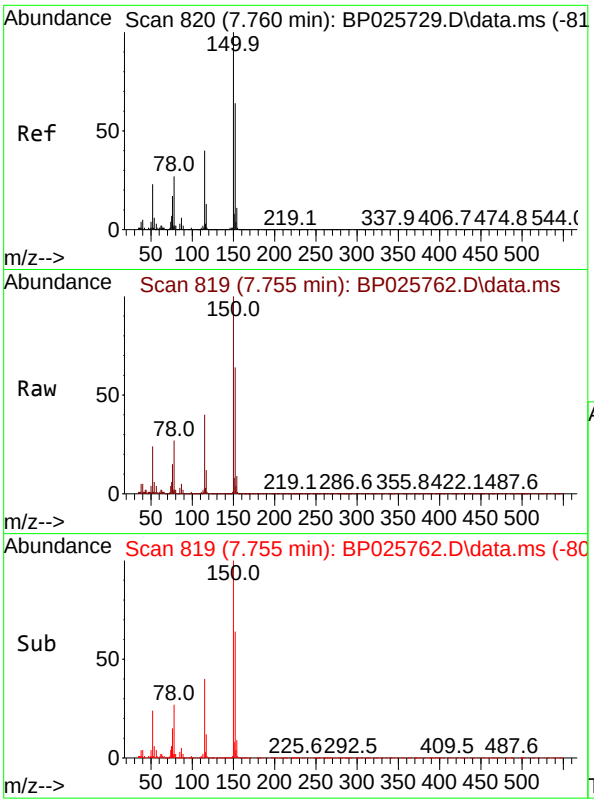
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025762.D
Acq On : 16 Sep 2025 17:53
Operator : CG/JU
Sample : Q3092-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
279182

Quant Time: Sep 16 18:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



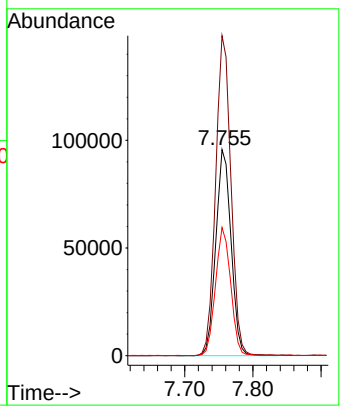


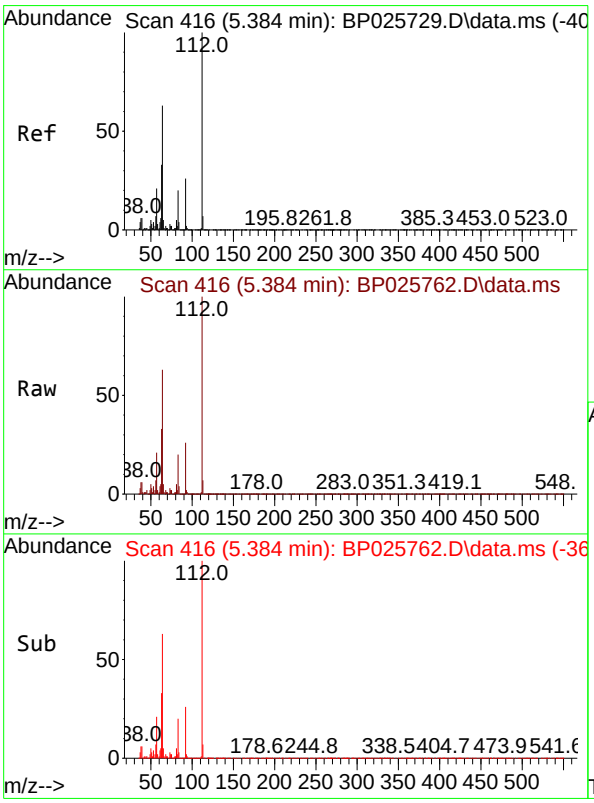
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 8
Delta R.T. -0.005 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion:152 Resp: 149569

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	62.2	50.3	75.5

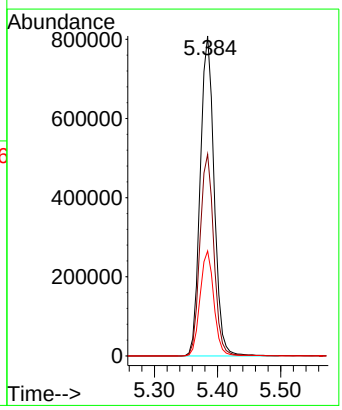


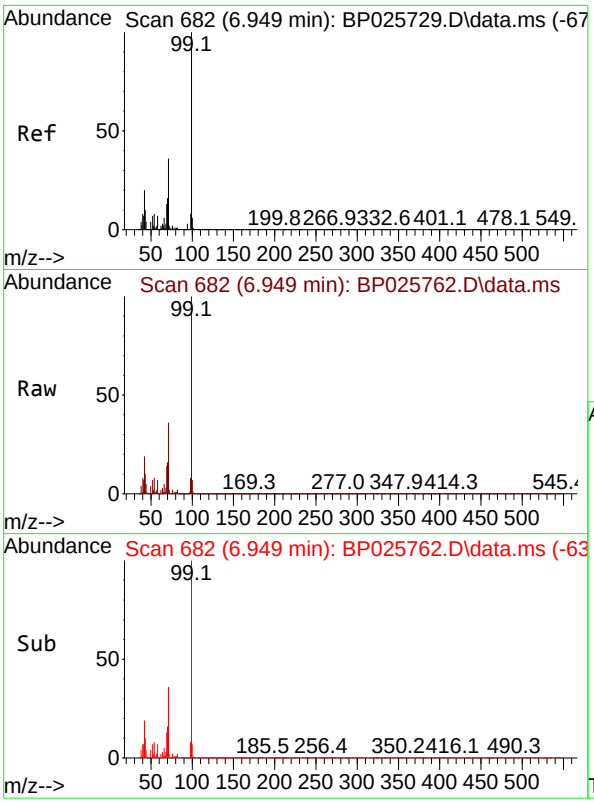


#5
2-Fluorophenol
Concen: 133.325 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:112 Resp: 1235862

Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.2	75.4
63	32.8	26.7	40.1



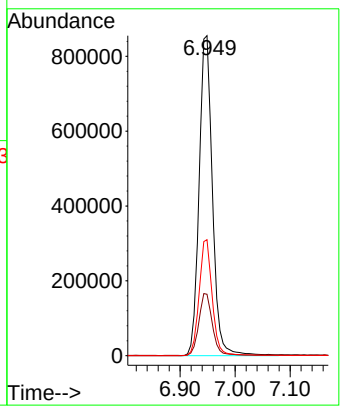


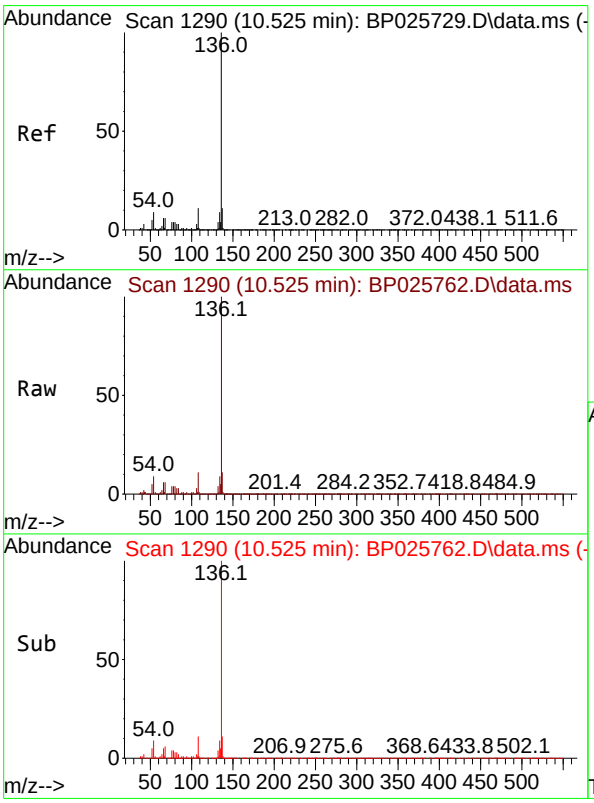
#7
Phenol-d6
Concen: 117.131 ng
RT: 6.949 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion: 99 Resp: 1443164

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	36.2	28.6	43.0

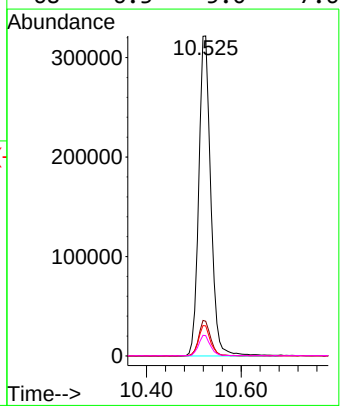


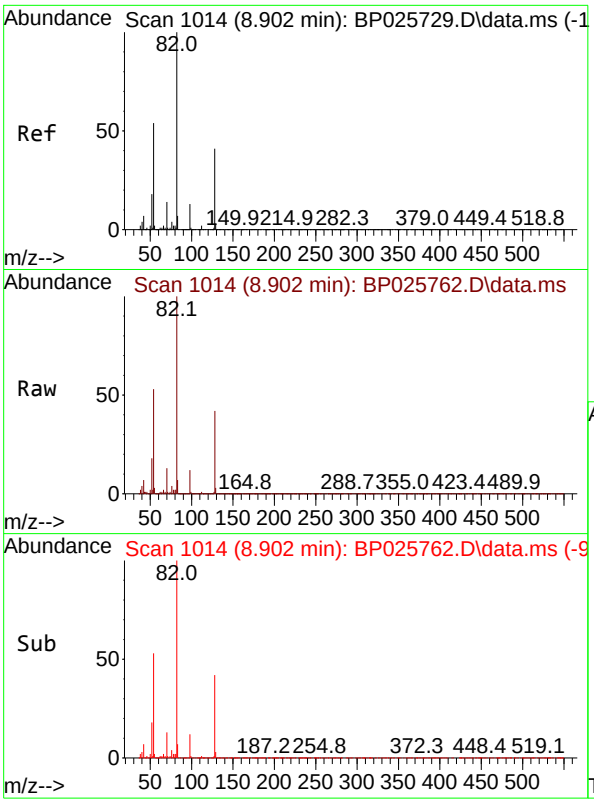


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:136 Resp: 565486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.4	7.5	11.3
68	6.3	5.0	7.6



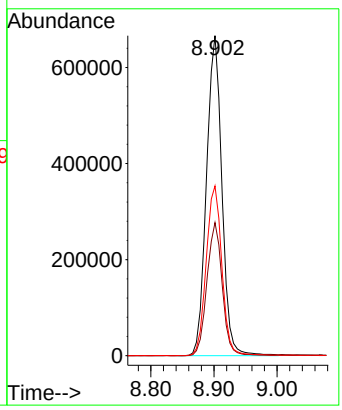


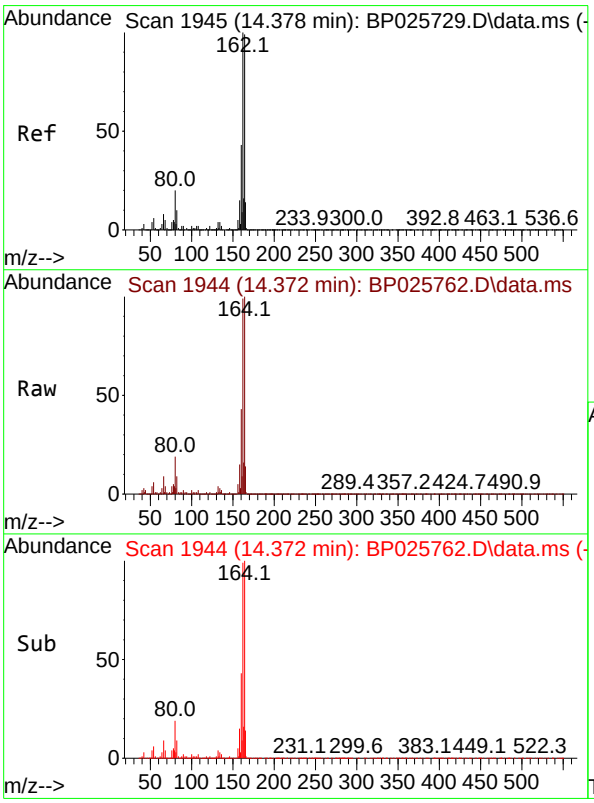
#23
Nitrobenzene-d5
Concen: 88.245 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion: 82 Resp: 1131270

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.9	49.3
54	53.1	43.4	65.2

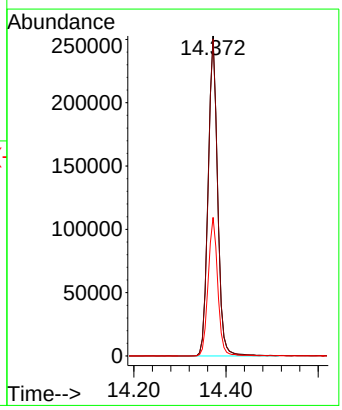


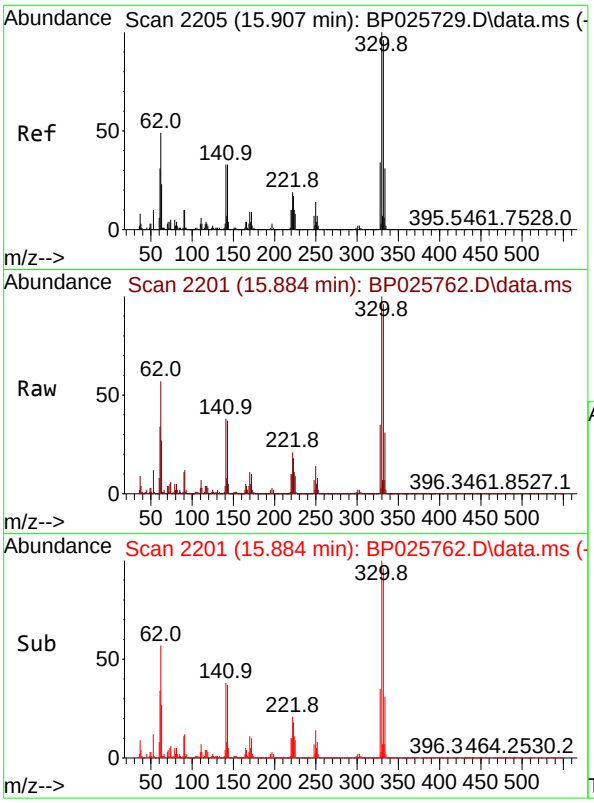


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:164 Resp: 361652

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	43.3	35.0	52.6



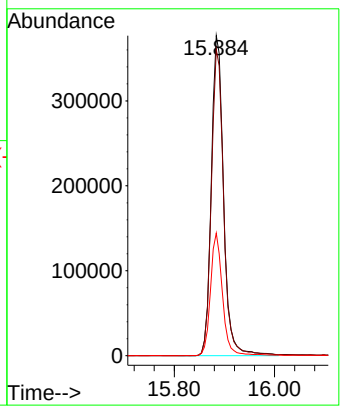


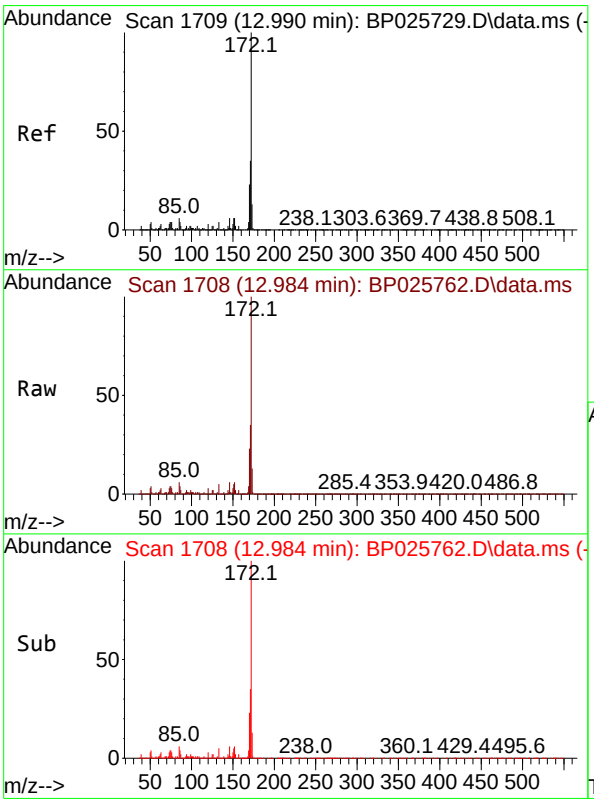
#42
2,4,6-Tribromophenol
Concen: 142.049 ng
RT: 15.884 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion:330 Resp: 640768

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	37.6	31.0	46.4

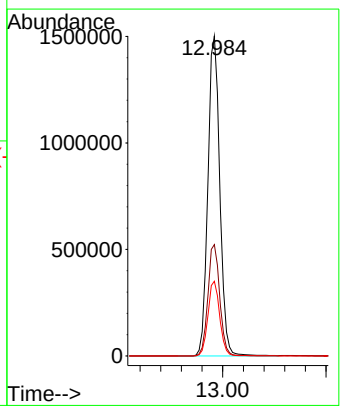


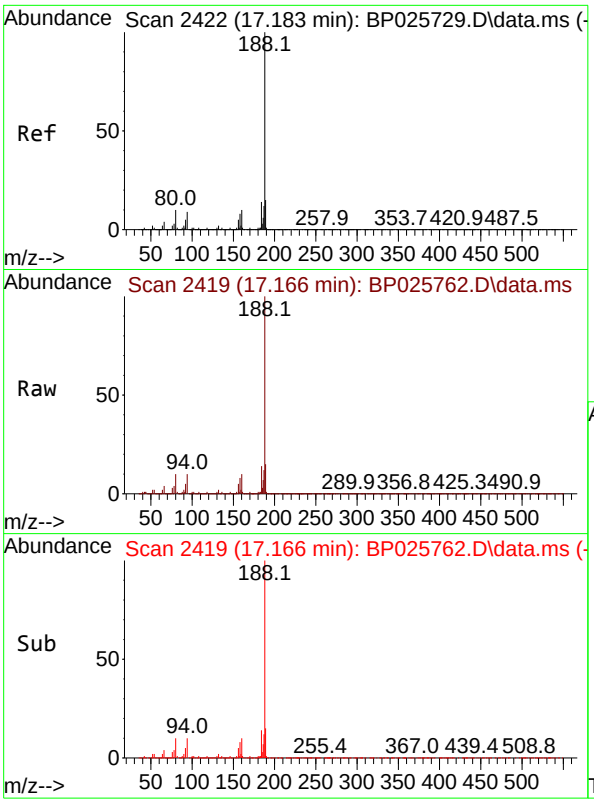


#45
2-Fluorobiphenyl
Concen: 88.339 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:172 Resp: 2399374

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	27.8



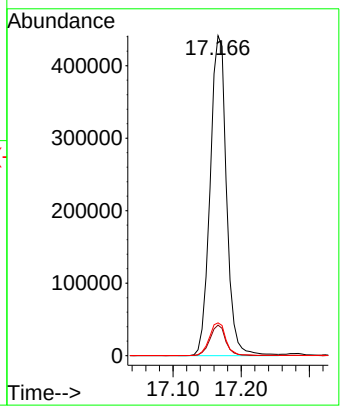


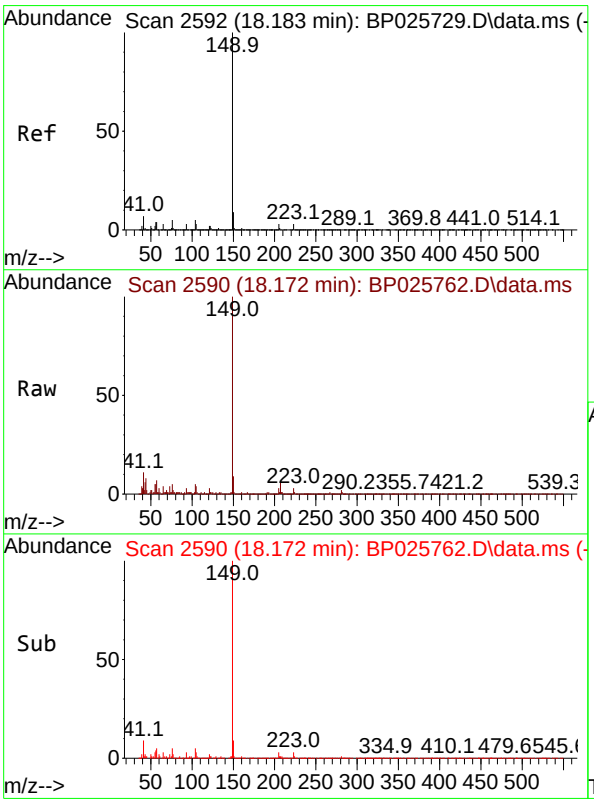
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion:188 Resp: 738027

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.0
80	10.3	7.7	11.5

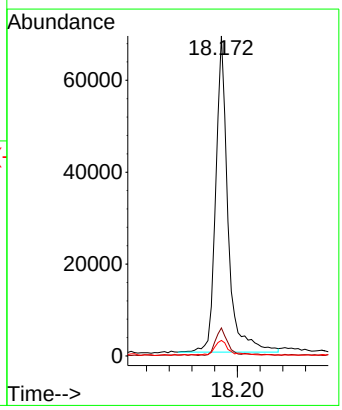


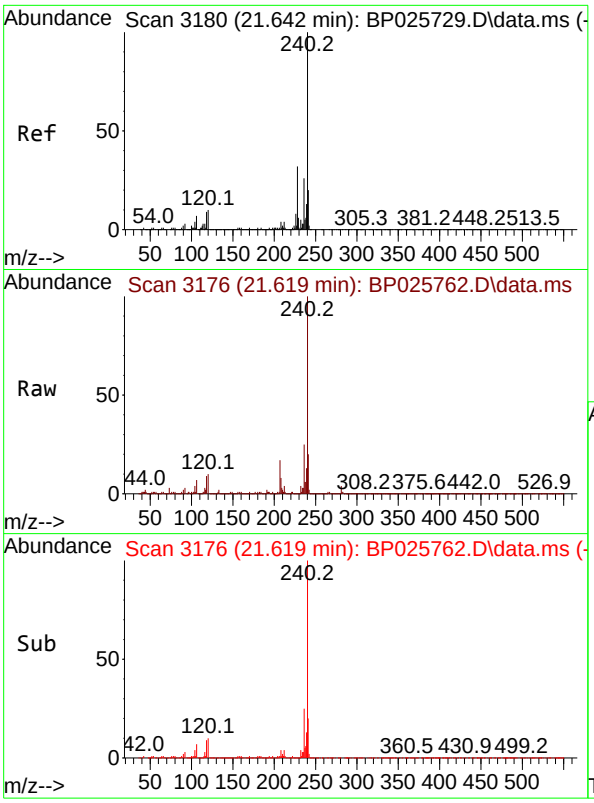


#74
Di-n-butylphthalate
Concen: 2.131 ng
RT: 18.172 min Scan# 2590
Delta R.T. -0.012 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:149 Resp: 103298

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.9	4.3	6.5



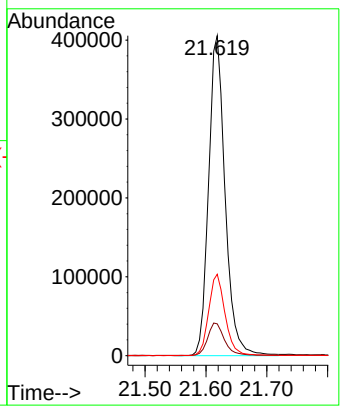


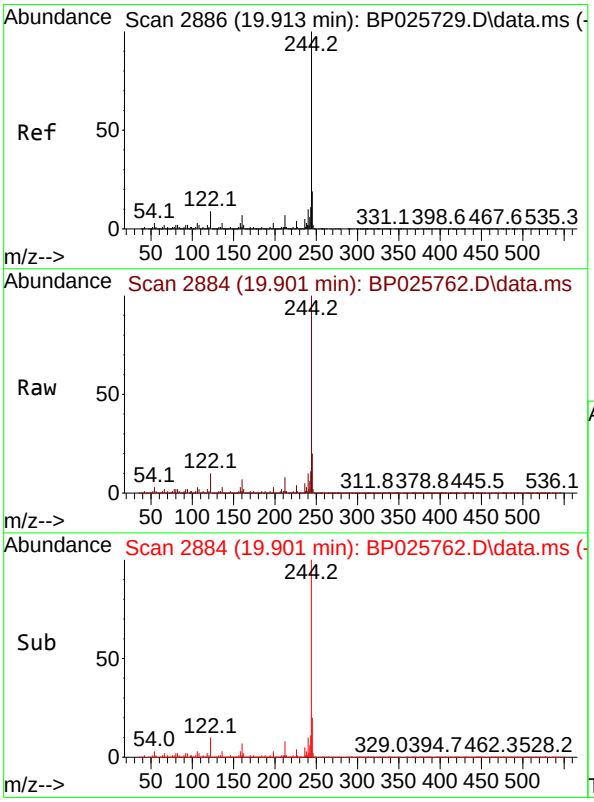
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion:240 Resp: 763749

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	25.4	20.7	31.1

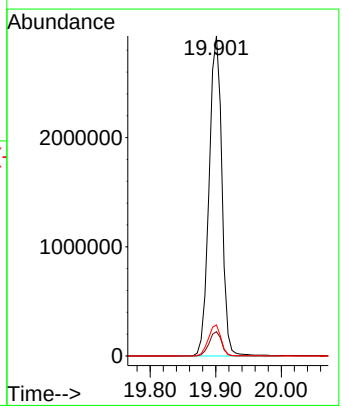


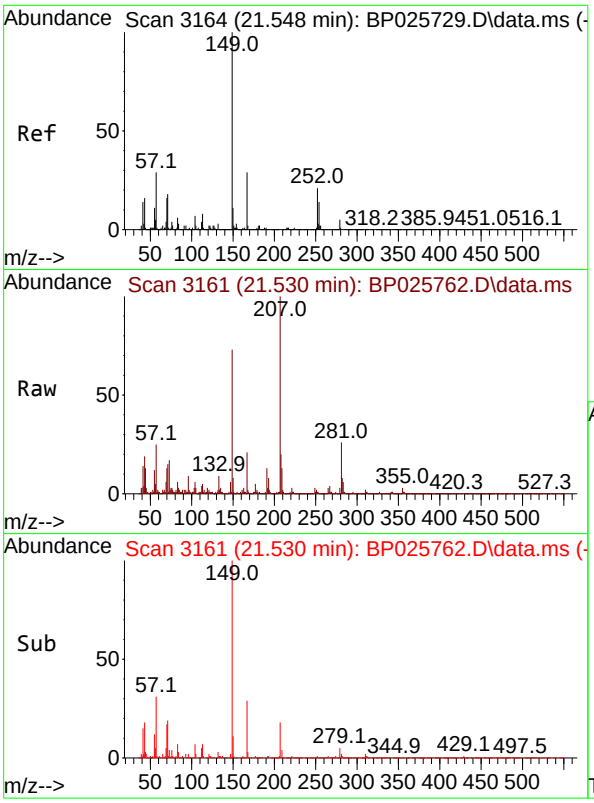


#79
Terphenyl-d14
Concen: 93.417 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:244 Resp: 3965973

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.7	7.1	10.7



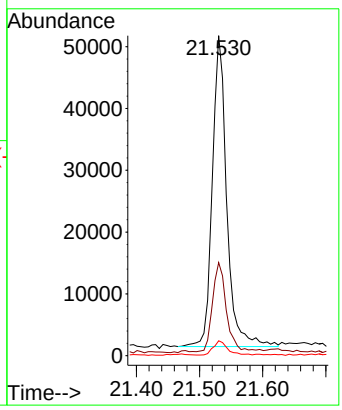


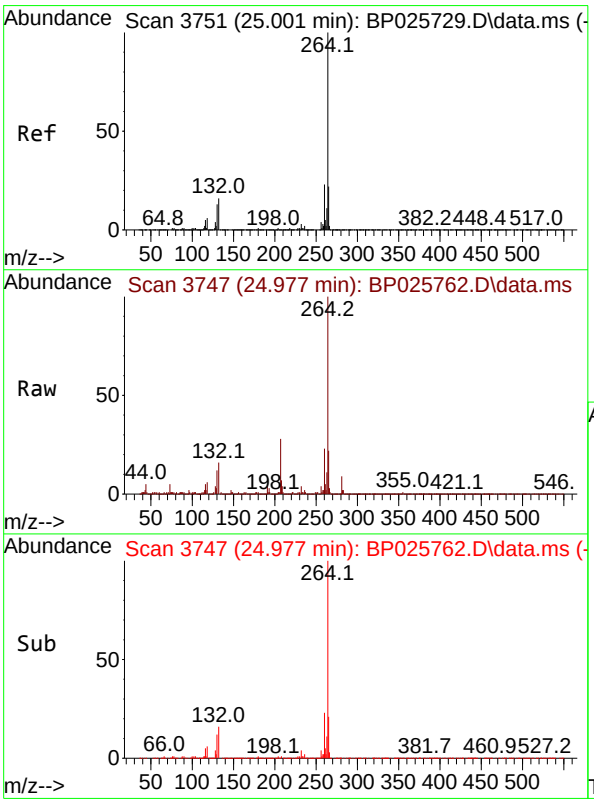
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.441 ng
RT: 21.530 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Instrument :
BNA_P
ClientSampleId :
279182

Tgt Ion:149 Resp: 79811

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.7	3.8	5.8

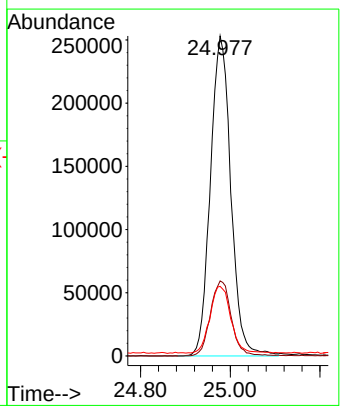




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3747
Delta R.T. -0.023 min
Lab File: BP025762.D
Acq: 16 Sep 2025 17:53

Tgt Ion:264 Resp: 802889

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.8	17.3	25.9



CALIBRATION SUMMARY

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_F Calibration Date(s): 09/09/2025 09/09/2025

Calibration Time(s): 09:12 13:54

LAB FILE ID: RRF2.5 = BF143676.D RRF005 = BF143677.D RRF010 = BF143678.D
RRF020 = BF143679.D RRF040 = BF143680.D RRF050 = BF143681.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.286	1.362	1.371	1.400	1.331	1.351	2.7
2-Fluorophenol	1.173	1.171	1.163	1.207	1.227	1.133	1.172	2.6
Phenol-d6	1.434	1.429	1.424	1.484	1.469	1.381	1.427	2.5
1,4-Dichlorobenzene		1.509	1.447	1.512	1.499	1.428	1.461	3.1
2-Methylphenol		0.966	1.004	1.049	1.041	1.009	1.018	2.8
3+4-Methylphenols			1.351	1.375	1.405	1.313	1.341	3.4
Nitrobenzene-d5	0.290	0.325	0.318	0.328	0.330	0.319	0.322	4.3
Hexachloroethane		0.478	0.452	0.482	0.492	0.458	0.472	3.0
Nitrobenzene		0.330	0.325	0.344	0.341	0.325	0.333	2.3
Hexachlorobutadiene		0.200	0.198	0.206	0.204	0.193	0.200	2.2
2,4,6-Trichlorophenol		0.370	0.362	0.405	0.402	0.372	0.382	4.2
2-Fluorobiphenyl	1.397	1.405	1.355	1.366	1.333	1.261	1.324	5.6
2,4,5-Trichlorophenol		0.377	0.385	0.378	0.403	0.387	0.389	3.1
2,4-Dinitrotoluene		0.294	0.325	0.351	0.356	0.337	0.339	6.8
2,4,6-Tribromophenol	0.181	0.209	0.197	0.214	0.208	0.199	0.202	5.4
Hexachlorobenzene		0.251	0.246	0.257	0.262	0.252	0.255	2.2
Pentachlorophenol			0.126	0.151	0.164	0.153	0.154	9.7
Terphenyl-d14	1.345	1.401	1.302	1.282	1.173	1.102	1.234	9.2

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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143676.D 5 =BF143677.D 10 =BF143678.D 20 =BF143679.D 40 =BF143680.D 50 =BF143681.D 60 =BF143682.D 80 =BF1436
83.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.561	0.515	0.536	0.536	0.494	0.514	0.504	0.523	4.36
3)		Pyridine		1.286	1.362	1.371	1.400	1.331	1.363	1.342	1.351	2.66
4)		n-Nitrosodimet...			0.504	0.519	0.522	0.496	0.519	0.518	0.513	1.99
5)	S	2-Fluorophenol	1.173	1.171	1.163	1.207	1.227	1.133	1.156	1.149	1.172	2.63
6)		Aniline		1.896	1.927	1.918	1.936	1.846	1.881	1.830	1.890	2.15
7)	S	Phenol-d6	1.434	1.429	1.424	1.484	1.469	1.381	1.413	1.385	1.427	2.52
8)		2-Chlorophenol		1.274	1.235	1.297	1.302	1.234	1.262	1.257	1.266	2.15
9)		Benzaldehyde			0.936	0.866	1.236	1.243	1.493	1.135	1.152	19.84
10)	C	Phenol		1.545	1.556	1.610	1.700	1.526	1.572	1.535	1.578	3.85
11)		bis(2-Chloroet...		1.220	1.172	1.208	1.201	1.138	1.166	1.143	1.178	2.75
12)		1,3-Dichlorobe...		1.462	1.448	1.485	1.500	1.409	1.435	1.397	1.448	2.60
13)	C	1,4-Dichlorobe...		1.509	1.447	1.512	1.499	1.428	1.439	1.395	1.461	3.11
14)		1,2-Dichlorobe...		1.430	1.416	1.397	1.412	1.342	1.342	1.323	1.380	3.13
15)		Benzyl Alcohol			1.019	1.069	1.070	1.012	1.040	1.020	1.038	2.51
16)		2,2'-oxybis(1-...		1.561	1.560	1.587	1.606	1.477	1.505	1.495	1.542	3.18
17)		2-Methylphenol		0.966	1.004	1.049	1.041	1.009	1.039	1.020	1.018	2.80
18)		Hexachloroethane		0.478	0.452	0.482	0.492	0.458	0.477	0.466	0.472	3.02
19)	P	n-Nitroso-di-n...	0.886	0.871	0.870	0.921	0.893	0.848	0.868	0.855	0.877	2.65
20)		3+4-Methylphenols			1.351	1.375	1.405	1.313	1.324	1.279	1.341	3.37
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.450	0.461	0.453	0.433	0.448	0.435	0.452	3.79
23)	S	Nitrobenzene-d5	0.290	0.325	0.318	0.328	0.330	0.319	0.334	0.327	0.322	4.34
24)		Nitrobenzene		0.330	0.325	0.344	0.341	0.325	0.337	0.333	0.333	2.27
25)		Isophorone		0.628	0.608	0.627	0.624	0.589	0.621	0.618	0.617	2.28
26)	C	2-Nitrophenol		0.143	0.148	0.164	0.170	0.171	0.176	0.176	0.164	8.28
27)		2,4-Dimethylph...		0.309	0.293	0.291	0.295	0.286	0.299	0.287	0.294	2.63
28)		bis(2-Chloroet...		0.390	0.376	0.384	0.384	0.363	0.379	0.378	0.379	2.25
29)	C	2,4-Dichloroph...		0.290	0.288	0.305	0.307	0.288	0.298	0.296	0.296	2.70
30)		1,2,4-Trichlor...		0.306	0.309	0.310	0.311	0.300	0.310	0.300	0.307	1.56
31)		Naphthalene		1.045	0.988	1.002	1.001	0.951	0.987	0.958	0.990	3.14
32)		Benzoic acid			0.126	0.161	0.180	0.184	0.207	0.218	0.180	18.36
33)		4-Chloroaniline		0.349	0.350	0.354	0.349	0.330	0.348	0.333	0.345	2.65
34)	C	Hexachlorobuta...		0.200	0.198	0.206	0.204	0.193	0.203	0.196	0.200	2.23
35)		Caprolactam			0.077	0.078	0.080	0.075	0.081	0.082	0.079	3.19
36)	C	4-Chloro-3-met...		0.281	0.291	0.295	0.306	0.283	0.296	0.291	0.292	2.89
37)		2-Methylnaphth...		0.722	0.687	0.690	0.680	0.647	0.671	0.646	0.678	3.92
38)		1-Methylnaphth...		0.687	0.667	0.660	0.656	0.622	0.644	0.618	0.650	3.79

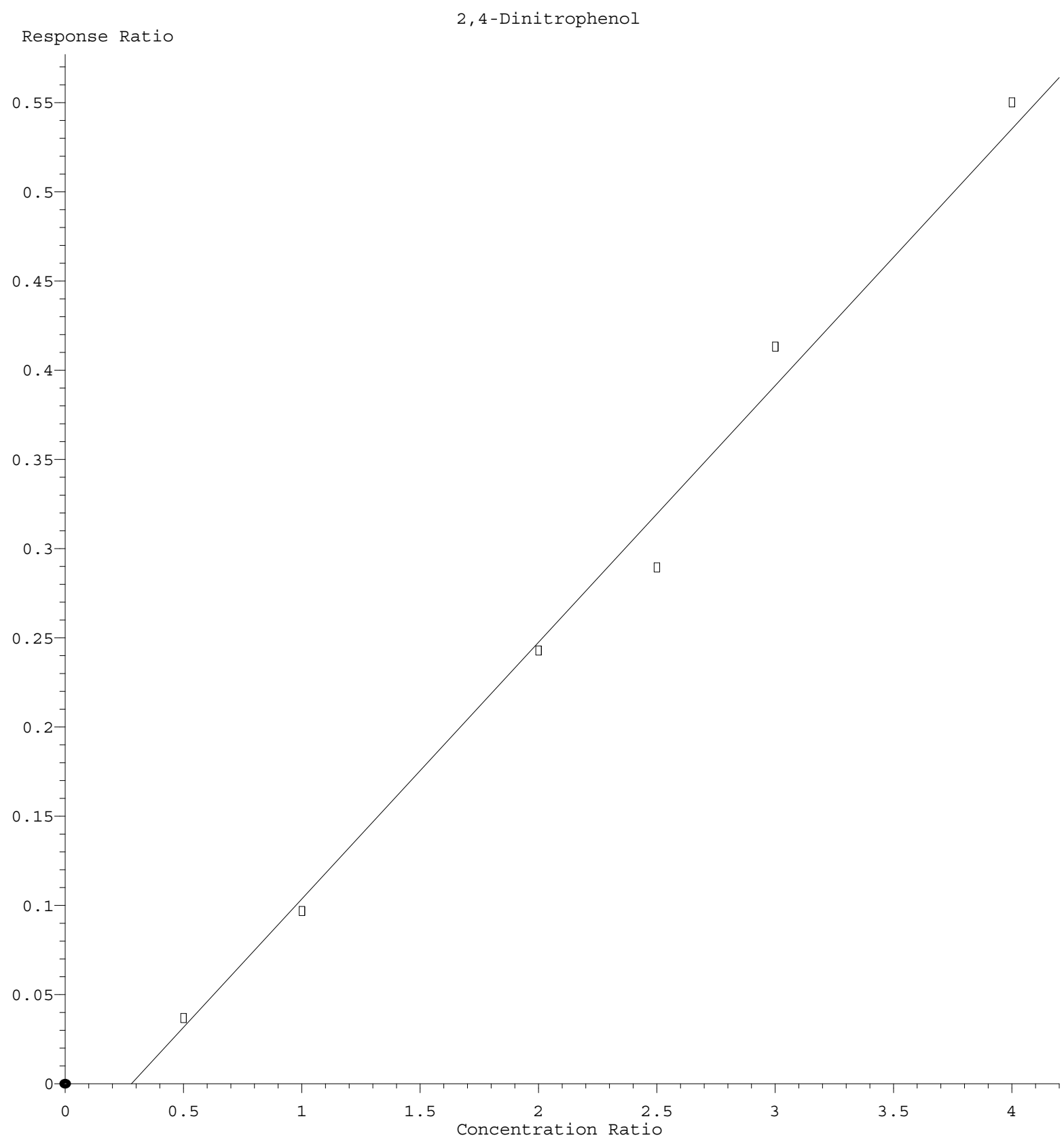
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...		0.580	0.578	0.597	0.580	0.552	0.574	0.546	0.573	3.10
41)	P	Hexachlorocycl...			0.258	0.289	0.308	0.309	0.305	0.294	0.294	6.55
42)	S	2,4,6-Tribromo...	0.181	0.209	0.197	0.214	0.208	0.199	0.210	0.195	0.202	5.40
43)	C	2,4,6-Trichlor...		0.370	0.362	0.405	0.402	0.372	0.383	0.382	0.382	4.23
44)		2,4,5-Trichlor...		0.377	0.385	0.378	0.403	0.387	0.409	0.382	0.389	3.15
45)	S	2-Fluorobiphenyl	1.397	1.405	1.355	1.366	1.333	1.261	1.286	1.188	1.324	5.59
46)		1,1'-Biphenyl		1.481	1.455	1.507	1.478	1.394	1.420	1.343	1.440	3.98
47)		2-Chloronaphth...		1.186	1.118	1.174	1.158	1.075	1.122	1.069	1.129	4.08
48)		2-Nitroaniline		0.272	0.279	0.308	0.312	0.305	0.309	0.306	0.299	5.46
49)		Acenaphthylene		1.656	1.623	1.678	1.644	1.566	1.621	1.529	1.617	3.22
50)		Dimethylphthalate		1.335	1.337	1.330	1.323	1.240	1.300	1.243	1.301	3.27
51)		2,6-Dinitrotol...		0.207	0.229	0.257	0.262	0.259	0.269	0.258	0.249	8.94
52)	C	Acenaphthene		1.143	1.138	1.147	1.132	1.060	1.120	1.060	1.114	3.42
53)		3-Nitroaniline		0.264	0.256	0.272	0.280	0.259	0.277	0.266	0.268	3.41
54)	P	2,4-Dinitrophenol			0.074	0.097	0.121	0.116	0.138	0.138	0.114	21.86
55)		Dibenzofuran		1.714	1.641	1.651	1.612	1.539	1.582	1.476	1.602	4.88
56)	P	4-Nitrophenol			0.204	0.218	0.223	0.201	0.221	0.212	0.213	4.19
57)		2,4-Dinitrotol...		0.294	0.325	0.351	0.356	0.337	0.356	0.351	0.339	6.75
58)		Fluorene		1.352	1.290	1.301	1.283	1.187	1.222	1.143	1.254	5.79
59)		2,3,4,6-Tetrac...		0.295	0.306	0.324	0.328	0.313	0.327	0.313	0.315	3.90
60)		Diethylphthalate		1.259	1.258	1.260	1.245	1.152	1.218	1.160	1.222	3.87
61)		4-Chlorophenyl...		0.667	0.660	0.662	0.649	0.604	0.623	0.587	0.636	4.97
62)		4-Nitroaniline		0.231	0.248	0.267	0.264	0.243	0.267	0.255	0.254	5.39
63)		Azobenzene		1.146	1.101	1.107	1.098	1.034	1.059	1.016	1.080	4.22
64)	I	Phenanthrene-d10	----------ISTD----------									
65)		4,6-Dinitro-2-...			0.074	0.094	0.106	0.104	0.117	0.117	0.102	15.85
66)	c	n-Nitrosodiphe...		0.653	0.627	0.674	0.676	0.639	0.672	0.645	0.655	2.92
67)		4-Bromophenyl-...		0.228	0.238	0.247	0.255	0.238	0.243	0.239	0.241	3.48
68)		Hexachlorobenzene		0.251	0.246	0.257	0.262	0.252	0.261	0.255	0.255	2.18
69)		Atrazine		0.207	0.209	0.216	0.206	0.196	0.204	0.199	0.205	3.17
70)	C	Pentachlorophenol			0.126	0.151	0.164	0.153	0.166	0.164	0.154	9.74
71)		Phenanthrene		1.166	1.109	1.134	1.114	1.061	1.086	1.043	1.102	3.83
72)		Anthracene		1.153	1.104	1.149	1.134	1.070	1.096	1.050	1.108	3.56
73)		Carbazole		0.939	0.919	0.943	0.925	0.866	0.895	0.866	0.907	3.57
74)		Di-n-butylphth...		1.085	1.121	1.122	1.116	1.055	1.085	1.064	1.093	2.53
75)	C	Fluoranthene		1.123	1.069	1.064	1.009	0.930	0.959	0.927	1.012	7.56
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine			0.605	0.601	0.655	0.770	0.764	0.518	0.652	15.21
78)		Pyrene		1.770	1.712	1.706	1.529	1.459	1.524	1.493	1.599	7.87
79)	S	Terphenyl-d14	1.345	1.401	1.302	1.282	1.173	1.102	1.166	1.103	1.234	9.21
80)		Butylbenzylpht...		0.413	0.460	0.519	0.517	0.519	0.546	0.533	0.501	9.45
81)		Benzo(a)anthra...		1.298	1.288	1.312	1.246	1.278	1.312	1.273	1.287	1.84
82)		3,3'-Dichlorob...			0.347	0.396	0.405	0.410	0.421	0.396	0.396	6.49
83)		Chrysene		1.220	1.187	1.233	1.185	1.119	1.168	1.136	1.178	3.53
84)		Bis(2-ethylhex...		0.595	0.611	0.718	0.759	0.774	0.772	0.774	0.715	11.02
85)	c	Di-n-octyl pht...			0.963	1.233	1.335	1.383	1.386	1.385	1.281	12.98

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.239	1.290	1.407	1.440	1.369	1.442	1.368	1.365	5.58
88)		Benzo(b)fluora...	1.229	1.183	1.171	1.154	1.195	1.203	1.198	1.191	2.03
89)		Benzo(k)fluora...	1.090	1.068	1.138	1.169	0.996	1.082	0.978	1.074	6.45
90)	C	Benzo(a)pyrene	1.035	1.015	1.058	1.085	1.026	1.083	1.019	1.046	2.83
91)		Dibenzo(a,h)an...	1.047	1.065	1.167	1.185	1.130	1.205	1.128	1.132	5.24
92)		Benzo(g,h,i)pe...	0.994	0.992	1.084	1.102	1.058	1.130	1.054	1.059	4.91

(#) = Out of Range



Response = 1.439e-001 * Amt - 4.026e-002
Coef of Det (r^2) = 0.993399 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF091025.M
Calibration Table Last Updated: Tue Sep 09 15:20:16 2025

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143676.D
Acq On : 09 Sep 2025 09:12
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 09 15:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	58211	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	228132	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	134502	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	235853	20.000	ng	0.00
76) Chrysene-d12	14.045	240	159008	20.000	ng	0.00
86) Perylene-d12	15.516	264	133978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	17069	5.003	ng	0.00
7) Phenol-d6	6.493	99	20863	5.022	ng	-0.01
23) Nitrobenzene-d5	7.440	82	16523	4.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	6089	4.492	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	46974	5.276	ng	0.00
79) Terphenyl-d14	12.986	244	53458	5.448	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.287	70	6447	2.527	ng	99

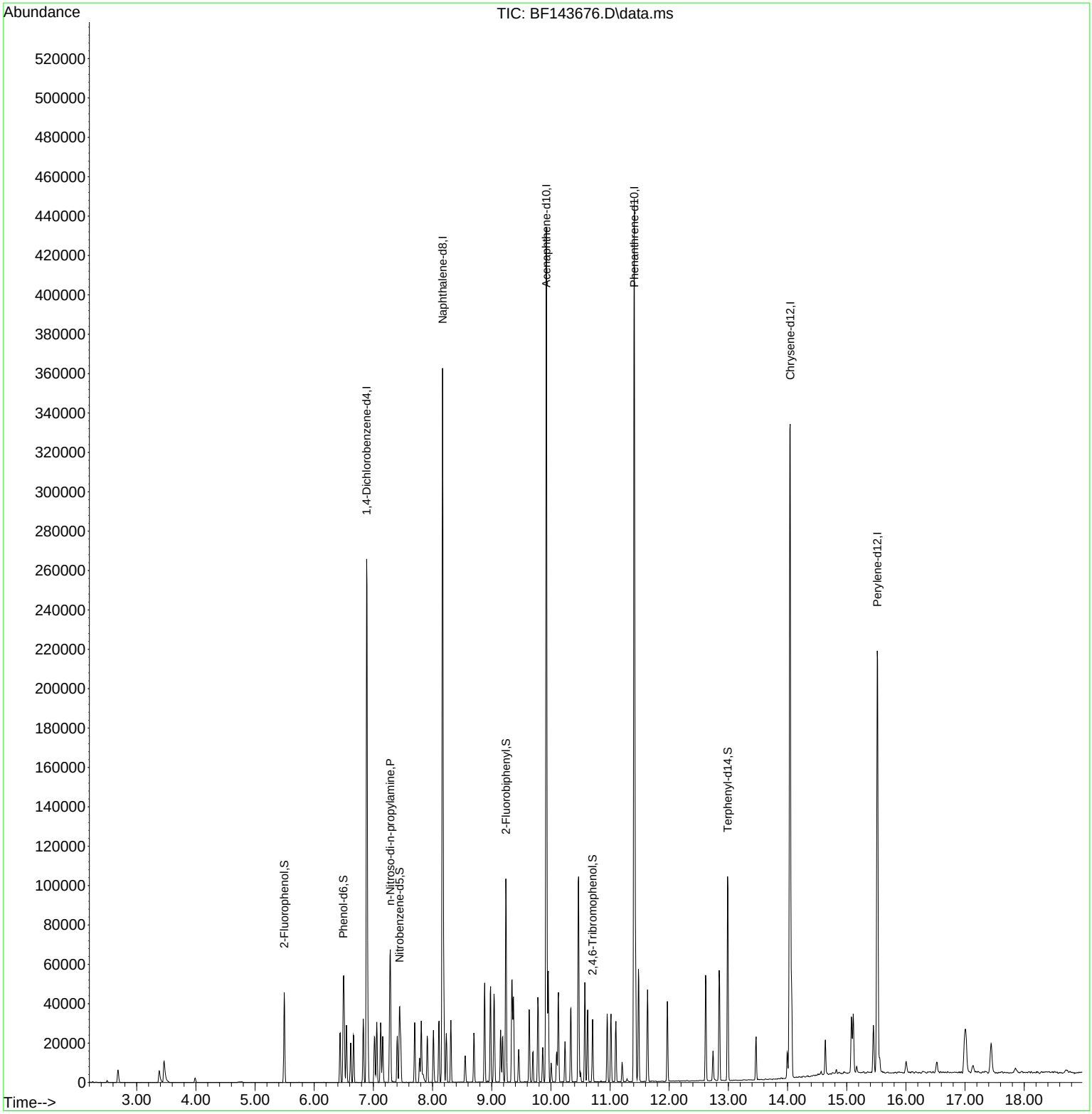
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143676.D
Acq On : 09 Sep 2025 09:12
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 09 15:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143677.D
Acq On : 09 Sep 2025 09:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 09 15:24:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54495	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	205041	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	120150	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	207771	20.000	ng	0.00
76) Chrysene-d12	14.045	240	132168	20.000	ng	0.00
86) Perylene-d12	15.521	264	122261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	31903	9.988	ng	0.00
7) Phenol-d6	6.492	99	38934	10.011	ng	-0.01
23) Nitrobenzene-d5	7.445	82	33309	10.105	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	12540	10.356	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	84393	10.611	ng	0.00
79) Terphenyl-d14	12.992	244	92587	11.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	7644	5.365	ng	97
3) Pyridine	3.446	79	17517	4.759	ng	92
6) Aniline	6.545	93	25825	5.014	ng	97
8) 2-Chlorophenol	6.669	128	17363	5.033	ng	94
10) Phenol	6.510	94	21053	4.897	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	16627	5.179	ng	95
12) 1,3-Dichlorobenzene	6.828	146	19923	5.050	ng	98
13) 1,4-Dichlorobenzene	6.904	146	20557	5.162	ng	97
14) 1,2-Dichlorobenzene	7.057	146	19480	5.180	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	21263	5.062	ng	98
17) 2-Methylphenol	7.122	107	13167	4.745	ng	93
18) Hexachloroethane	7.404	117	6510	5.061	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	11861	4.966	ng	98
22) Acetophenone	7.292	105	24772	5.349	ng	98
24) Nitrobenzene	7.463	77	16908	4.947	ng	98
25) Isophorone	7.698	82	32204	5.095	ng	99
26) 2-Nitrophenol	7.781	139	7313	4.352	ng	99
27) 2,4-Dimethylphenol	7.810	122	15822	5.244	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	19972	5.141	ng	98
29) 2,4-Dichlorophenol	8.016	162	14874	4.901	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	15678	4.986	ng	99
31) Naphthalene	8.192	128	53553	5.276	ng	100
33) 4-Chloroaniline	8.233	127	17906	5.067	ng	97
34) Hexachlorobutadiene	8.310	225	10229	4.988	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	14405	4.814	ng	95
37) 2-Methylnaphthalene	8.880	142	37023	5.328	ng	98
38) 1-Methylnaphthalene	8.980	142	35207	5.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	17428	5.067	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	11120	4.841	ng	95
44) 2,4,5-Trichlorophenol	9.186	196	11336	4.855	ng	95
46) 1,1'-Biphenyl	9.345	154	44485	5.143	ng	100
47) 2-Chloronaphthalene	9.369	162	35613	5.252	ng	99
48) 2-Nitroaniline	9.457	65	8158	4.546	ng	95
49) Acenaphthylene	9.780	152	49733	5.120	ng	99
50) Dimethylphthalate	9.633	163	40112	5.131	ng	99
51) 2,6-Dinitrotoluene	9.698	165	6227	4.166	ng	89

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143677.D
Acq On : 09 Sep 2025 09:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 09 15:24:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.957	154	34323	5.128	ng		99
53) 3-Nitroaniline	9.863	138	7925	4.927	ng	#	98
55) Dibenzofuran	10.127	168	51470	5.348	ng		98
57) 2,4-Dinitrotoluene	10.098	165	8821	4.336	ng		94
58) Fluorene	10.469	166	40602	5.389	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	8849	4.674	ng	#	98
60) Diethylphthalate	10.339	149	37807	5.151	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	20046	5.246	ng		96
62) 4-Nitroaniline	10.469	138	6936	4.553	ng		94
63) Azobenzene	10.622	77	34418	5.305	ng		99
66) n-Nitrosodiphenylamine	10.574	169	33909	4.982	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	11836	4.724	ng		94
68) Hexachlorobenzene	11.016	284	13028	4.924	ng		95
69) Atrazine	11.098	200	10737	5.031	ng		97
71) Phenanthrene	11.433	178	60574	5.291	ng		99
72) Anthracene	11.480	178	59907	5.204	ng		99
73) Carbazole	11.633	167	48759	5.172	ng		99
74) Di-n-butylphthalate	11.969	149	56340	4.964	ng		99
75) Fluoranthene	12.616	202	58331	5.550	ng		99
78) Pyrene	12.845	202	58494	5.535	ng		100
80) Butylbenzylphthalate	13.468	149	13634	4.118	ng		98
81) Benzo(a)anthracene	14.033	228	42898	5.045	ng		99
83) Chrysene	14.068	228	40322	5.178	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	19671	4.164	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	37861	4.537	ng		99
88) Benzo(b)fluoranthene	15.080	252	37565	5.161	ng		98
89) Benzo(k)fluoranthene	15.109	252	33327	5.074	ng		99
90) Benzo(a)pyrene	15.451	252	31621	4.945	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	32016	4.625	ng		99
92) Benzo(g,h,i)perylene	17.445	276	30386	4.693	ng		99

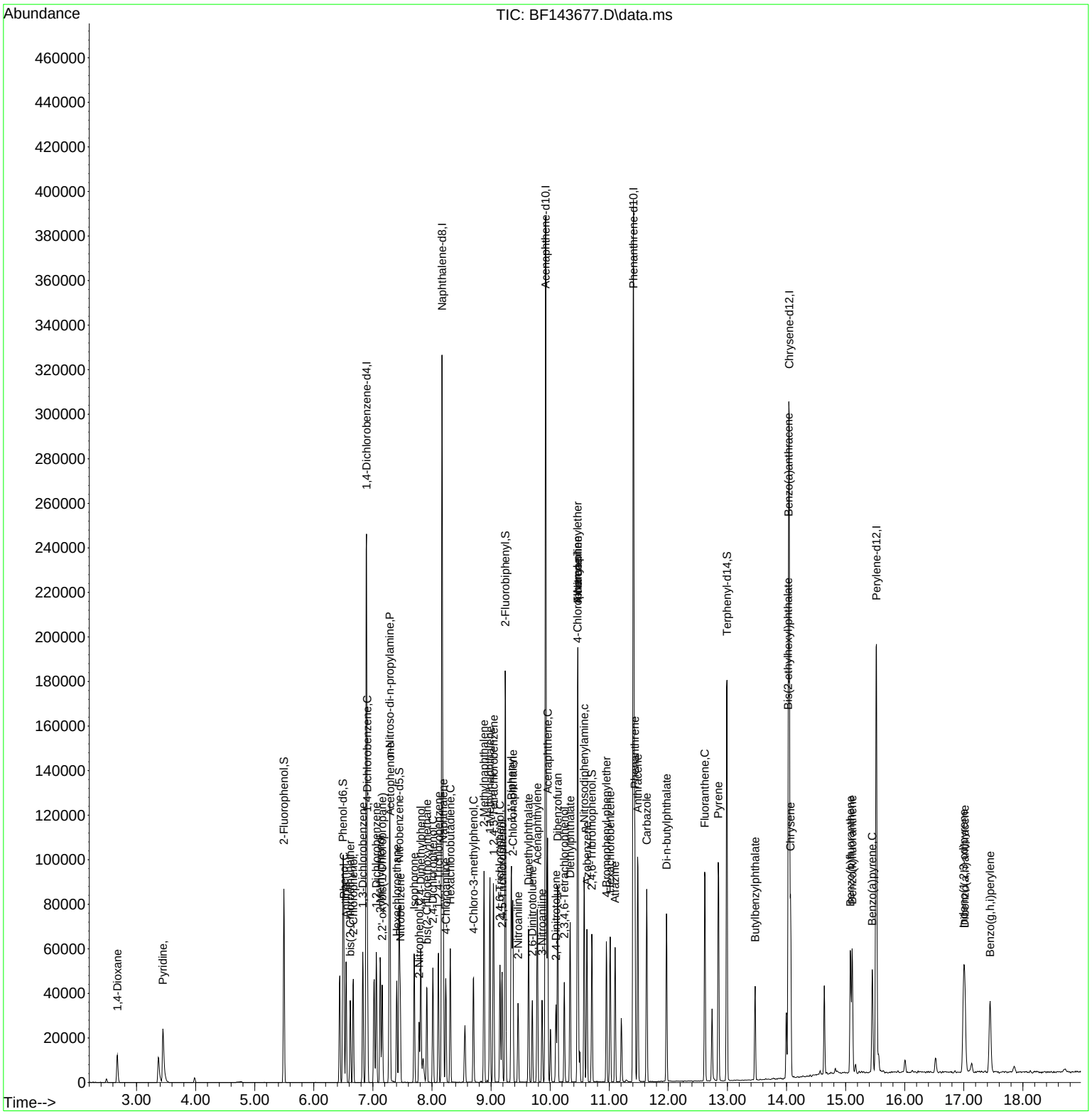
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143677.D
Acq On : 09 Sep 2025 09:41
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 09 15:24:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143678.D
Acq On : 09 Sep 2025 10:10
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 09 15:25:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	53263	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	205784	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	120700	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	207709	20.000	ng		0.00
76) Chrysene-d12	14.045	240	131906	20.000	ng		0.00
86) Perylene-d12	15.521	264	121625	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	61924	19.836	ng		0.00
7) Phenol-d6	6.498	99	75860	19.957	ng		0.00
23) Nitrobenzene-d5	7.445	82	65506	19.800	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	23721	19.501	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	163493	20.462	ng		0.00
79) Terphenyl-d14	12.992	244	171787	21.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	13712	9.847	ng		99
3) Pyridine	3.440	79	36283	10.086	ng		97
4) n-Nitrosodimethylamine	3.369	42	13430	9.828	ng		94
6) Aniline	6.546	93	51307	10.191	ng		99
8) 2-Chlorophenol	6.669	128	32890	9.755	ng		97
9) Benzaldehyde	6.440	77	24922	8.126	ng		97
10) Phenol	6.510	94	41428	9.860	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	31215	9.947	ng		99
12) 1,3-Dichlorobenzene	6.828	146	38568	10.002	ng		97
13) 1,4-Dichlorobenzene	6.904	146	38544	9.903	ng		98
14) 1,2-Dichlorobenzene	7.057	146	37699	10.257	ng		99
15) Benzyl Alcohol	7.022	79	27127	9.811	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	41540	10.118	ng		98
17) 2-Methylphenol	7.128	107	26748	9.862	ng		98
18) Hexachloroethane	7.404	117	12025	9.564	ng		95
19) n-Nitroso-di-n-propyla...	7.293	70	23175	9.927	ng		98
20) 3+4-Methylphenols	7.275	107	35969	10.071	ng	#	88
22) Acetophenone	7.293	105	46272	9.956	ng		97
24) Nitrobenzene	7.463	77	33450	9.751	ng		98
25) Isophorone	7.704	82	62581	9.865	ng		99
26) 2-Nitrophenol	7.781	139	15183	9.002	ng		96
27) 2,4-Dimethylphenol	7.810	122	30167	9.963	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	38706	9.928	ng		99
29) 2,4-Dichlorophenol	8.016	162	29586	9.714	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	31828	10.087	ng		98
31) Naphthalene	8.192	128	101612	9.975	ng		99
32) Benzoic acid	7.863	122	12997	7.036	ng		99
33) 4-Chloroaniline	8.234	127	35965	10.141	ng		99
34) Hexachlorobutadiene	8.310	225	20399	9.911	ng		99
35) Caprolactam	8.569	113	7972	9.834	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	29950	9.973	ng		99
37) 2-Methylnaphthalene	8.881	142	70719	10.141	ng		100
38) 1-Methylnaphthalene	8.981	142	68625	10.254	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	34898	10.099	ng		98
41) Hexachlorocyclopentadiene	9.034	237	15579	8.782	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	21847	9.468	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143678.D
Acq On : 09 Sep 2025 10:10
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 09 15:25:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

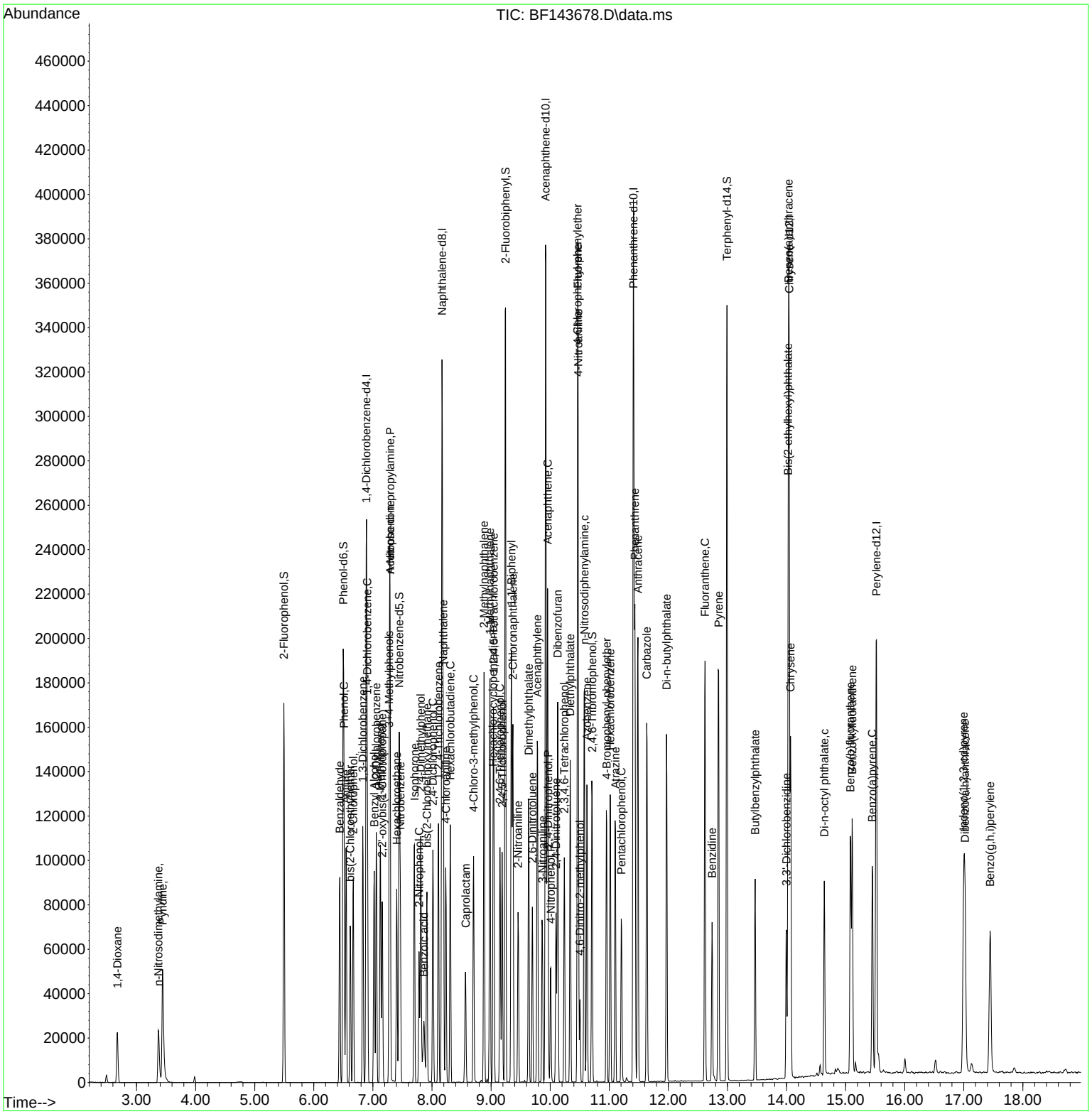
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	23261	9.917	ng		99
46) 1,1'-Biphenyl	9.345	154	87834	10.108	ng		99
47) 2-Chloronaphthalene	9.369	162	67482	9.906	ng		99
48) 2-Nitroaniline	9.457	65	16830	9.336	ng		96
49) Acenaphthylene	9.781	152	97966	10.040	ng		99
50) Dimethylphthalate	9.639	163	80674	10.273	ng		99
51) 2,6-Dinitrotoluene	9.698	165	13810	9.197	ng		92
52) Acenaphthene	9.957	154	68652	10.210	ng		98
53) 3-Nitroaniline	9.869	138	15459	9.567	ng		95
54) 2,4-Dinitrophenol	9.969	184	4447	10.715	ng	#	1
55) Dibenzofuran	10.128	168	99061	10.245	ng		98
56) 4-Nitrophenol	10.010	139	12284	9.556	ng		97
57) 2,4-Dinitrotoluene	10.098	165	19617	9.599	ng		96
58) Fluorene	10.469	166	77851	10.286	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	18477	9.714	ng		99
60) Diethylphthalate	10.339	149	75922	10.298	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	39819	10.373	ng		98
62) 4-Nitroaniline	10.475	138	14991	9.795	ng		98
63) Azobenzene	10.622	77	66429	10.192	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	7671	7.254	ng		96
66) n-Nitrosodiphenylamine	10.581	169	65140	9.573	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	24754	9.883	ng		97
68) Hexachlorobenzene	11.016	284	25584	9.673	ng		96
69) Atrazine	11.104	200	21673	10.158	ng		98
70) Pentachlorophenol	11.204	266	13095	8.191	ng		97
71) Phenanthrene	11.433	178	115188	10.065	ng		99
72) Anthracene	11.486	178	114618	9.960	ng		99
73) Carbazole	11.633	167	95492	10.133	ng		100
74) Di-n-butylphthalate	11.969	149	116408	10.260	ng		100
75) Fluoranthene	12.622	202	111016	10.567	ng		99
77) Benzidine	12.739	184	39897	9.275	ng	#	96
78) Pyrene	12.851	202	112938	10.709	ng		99
80) Butylbenzylphthalate	13.469	149	30346	9.184	ng		98
81) Benzo(a)anthracene	14.033	228	84964	10.012	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	22897	8.770	ng		96
83) Chrysene	14.069	228	78318	10.077	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	40317	8.551	ng		100
85) Di-n-octyl phthalate	14.639	149	63538	7.520	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	78465	9.453	ng		100
88) Benzo(b)fluoranthene	15.080	252	71954	9.938	ng		98
89) Benzo(k)fluoranthene	15.110	252	64978	9.944	ng		99
90) Benzo(a)pyrene	15.451	252	61736	9.706	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	64736	9.400	ng		98
92) Benzo(g,h,i)perylene	17.445	276	60330	9.366	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143678.D
Acq On : 09 Sep 2025 10:10
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 09 15:25:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143679.D
Acq On : 09 Sep 2025 10:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 09 15:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	51759	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200551	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	112988	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	185175	20.000	ng	0.00
76) Chrysene-d12	14.045	240	115456	20.000	ng	0.00
86) Perylene-d12	15.521	264	117544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	124977	41.196	ng	0.00
7) Phenol-d6	6.504	99	153629	41.591	ng	0.00
23) Nitrobenzene-d5	7.445	82	131653	40.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	48468	42.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	308716	41.274	ng	0.00
79) Terphenyl-d14	12.992	244	296135	41.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	27755	20.510	ng	99
3) Pyridine	3.434	79	70975	20.304	ng	95
4) n-Nitrosodimethylamine	3.369	42	26857	20.226	ng	95
6) Aniline	6.551	93	99293	20.296	ng	100
8) 2-Chlorophenol	6.669	128	67137	20.491	ng	98
9) Benzaldehyde	6.439	77	44806	15.034	ng	99
10) Phenol	6.516	94	83341	20.411	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	62534	20.506	ng	99
12) 1,3-Dichlorobenzene	6.834	146	76843	20.507	ng	97
13) 1,4-Dichlorobenzene	6.910	146	78263	20.692	ng	99
14) 1,2-Dichlorobenzene	7.057	146	72296	20.242	ng	98
15) Benzyl Alcohol	7.022	79	55349	20.599	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	82156	20.592	ng	99
17) 2-Methylphenol	7.128	107	54318	20.609	ng	99
18) Hexachloroethane	7.404	117	24927	20.402	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	47677	21.016	ng	99
20) 3+4-Methylphenols	7.281	107	71152	20.500	ng	92
22) Acetophenone	7.292	105	92408	20.402	ng	99
24) Nitrobenzene	7.469	77	69021	20.645	ng	98
25) Isophorone	7.704	82	125784	20.345	ng	100
26) 2-Nitrophenol	7.786	139	32862	19.992	ng	98
27) 2,4-Dimethylphenol	7.816	122	58327	19.766	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	76956	20.254	ng	99
29) 2,4-Dichlorophenol	8.022	162	61224	20.625	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	62242	20.240	ng	98
31) Naphthalene	8.192	128	200925	20.238	ng	99
32) Benzoic acid	7.886	122	32355m	17.972	ng	
33) 4-Chloroaniline	8.233	127	70979	20.537	ng	98
34) Hexachlorobutadiene	8.310	225	41282	20.581	ng	98
35) Caprolactam	8.580	113	15671	19.836	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	59249	20.243	ng	98
37) 2-Methylnaphthalene	8.880	142	138476	20.376	ng	99
38) 1-Methylnaphthalene	8.980	142	132313	20.287	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	67509	20.870	ng	99
41) Hexachlorocyclopentadiene	9.039	237	32658	19.666	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	45798	21.203	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143679.D
Acq On : 09 Sep 2025 10:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42661	19.428	ng		97
46) 1,1'-Biphenyl	9.345	154	170247	20.930	ng		99
47) 2-Chloronaphthalene	9.369	162	132606	20.795	ng		100
48) 2-Nitroaniline	9.463	65	34775	20.607	ng		99
49) Acenaphthylene	9.786	152	189590	20.755	ng		100
50) Dimethylphthalate	9.639	163	150319	20.448	ng		100
51) 2,6-Dinitrotoluene	9.704	165	29023	20.649	ng		97
52) Acenaphthene	9.957	154	129597	20.589	ng		99
53) 3-Nitroaniline	9.869	138	30714	20.305	ng		97
54) 2,4-Dinitrophenol	9.969	184	10941	19.052	ng	#	1
55) Dibenzofuran	10.127	168	186539	20.609	ng		100
56) 4-Nitrophenol	10.010	139	24583	20.428	ng		99
57) 2,4-Dinitrotoluene	10.104	165	39667	20.736	ng		95
58) Fluorene	10.474	166	147019	20.750	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36636	20.577	ng		98
60) Diethylphthalate	10.345	149	142360	20.627	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	74802	20.817	ng		97
62) 4-Nitroaniline	10.480	138	30144	21.041	ng		97
63) Azobenzene	10.622	77	125055	20.496	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	17425	18.482	ng		97
66) n-Nitrosodiphenylamine	10.580	169	124787	20.570	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	45665	20.450	ng		99
68) Hexachlorobenzene	11.016	284	47505	20.147	ng		95
69) Atrazine	11.104	200	40086	21.075	ng		96
70) Pentachlorophenol	11.210	266	27910	19.581	ng		97
71) Phenanthrene	11.433	178	209980	20.581	ng		99
72) Anthracene	11.486	178	212686	20.732	ng		99
73) Carbazole	11.639	167	174552	20.775	ng		100
74) Di-n-butylphthalate	11.968	149	207739	20.537	ng		99
75) Fluoranthene	12.621	202	197089	21.042	ng		100
77) Benzidine	12.739	184	69388	18.430	ng		98
78) Pyrene	12.851	202	196937	21.334	ng		100
80) Butylbenzylphthalate	13.468	149	59872	20.700	ng		99
81) Benzo(a)anthracene	14.033	228	151517	20.399	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	45683	19.992	ng		98
83) Chrysene	14.068	228	142412	20.934	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	82925	20.094	ng		99
85) Di-n-octyl phthalate	14.639	149	142412	19.257	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	165403	20.618	ng		99
88) Benzo(b)fluoranthene	15.086	252	137629	19.669	ng		99
89) Benzo(k)fluoranthene	15.115	252	133771	21.183	ng		99
90) Benzo(a)pyrene	15.456	252	124377	20.233	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	137209	20.615	ng		98
92) Benzo(g,h,i)perylene	17.450	276	127434	20.470	ng		99

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

ICAL Form

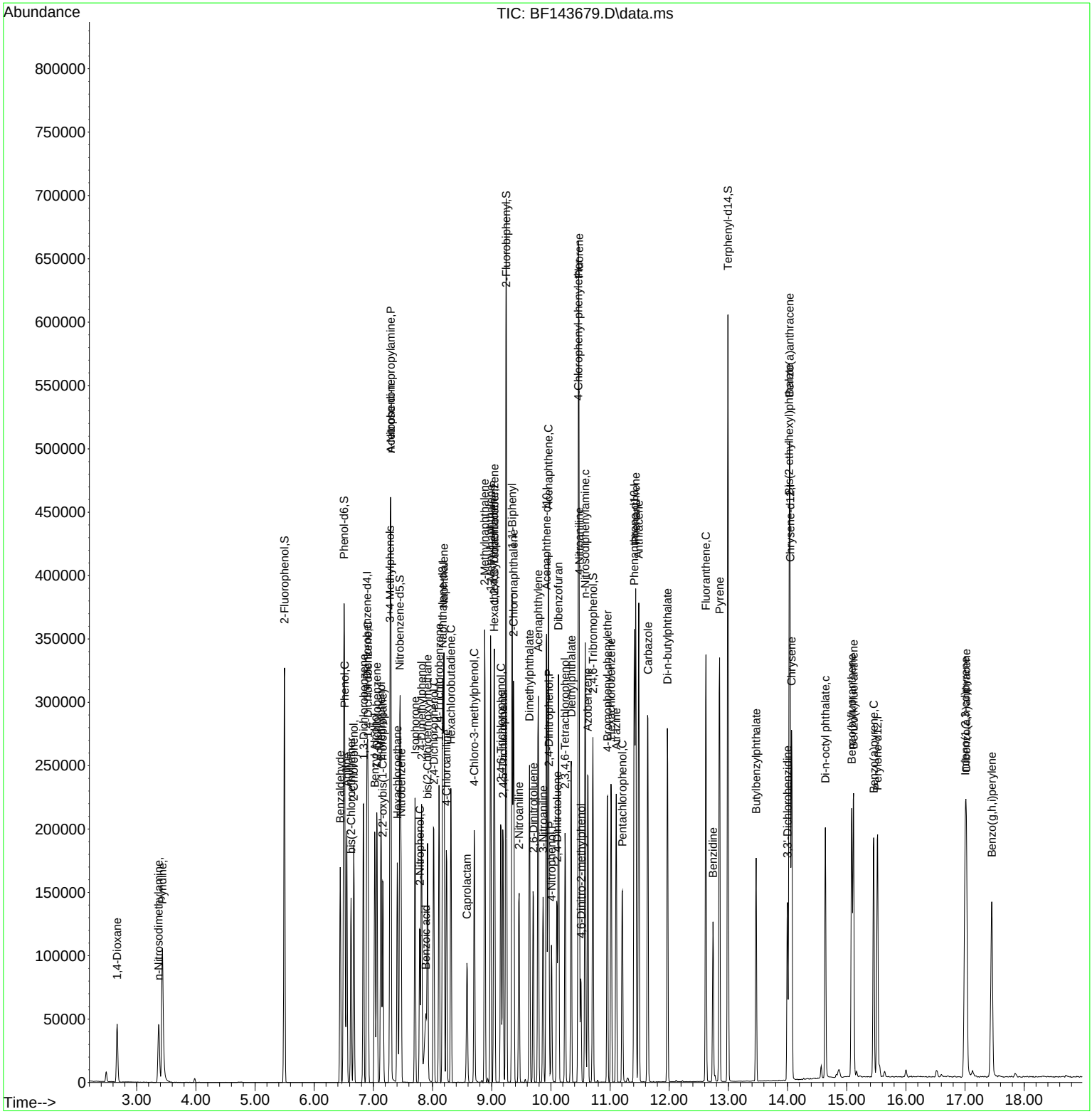
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143679.D
Acq On : 09 Sep 2025 10:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 09 15:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143680.D
Acq On : 09 Sep 2025 11:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 15:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	47169	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183638	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104252	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165335	20.000	ng	0.00
76) Chrysene-d12	14.045	240	108683	20.000	ng	0.00
86) Perylene-d12	15.516	264	113725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	231423	83.708	ng	0.00
7) Phenol-d6	6.504	99	277083	82.312	ng	0.00
23) Nitrobenzene-d5	7.451	82	242752	82.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	86787	82.605	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	556021	80.568	ng	0.00
79) Terphenyl-d14	12.992	244	509820	76.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	50533	40.976	ng	100
3) Pyridine	3.434	79	132038	41.447	ng	100
4) n-Nitrosodimethylamine	3.381	42	49229	40.681	ng	100
6) Aniline	6.551	93	182625	40.961	ng	100
8) 2-Chlorophenol	6.669	128	122875	41.151	ng	100
9) Benzaldehyde	6.440	77	116644	42.947	ng	100
10) Phenol	6.522	94	151461m	40.704	ng	
11) bis(2-Chloroethyl)ether	6.622	93	113344	40.784	ng	100
12) 1,3-Dichlorobenzene	6.834	146	141494	41.434	ng	100
13) 1,4-Dichlorobenzene	6.910	146	141426	41.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	133199	40.922	ng	100
15) Benzyl Alcohol	7.028	79	100930	41.219	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	151468	41.659	ng	100
17) 2-Methylphenol	7.134	107	98232	40.896	ng	100
18) Hexachloroethane	7.404	117	46442	41.711	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	84284	40.768	ng	100
20) 3+4-Methylphenols	7.287	107	132548	41.905	ng	100
22) Acetophenone	7.298	105	166474	40.139	ng	100
24) Nitrobenzene	7.469	77	125270	40.921	ng	100
25) Isophorone	7.710	82	229325	40.508	ng	100
26) 2-Nitrophenol	7.787	139	62466	41.502	ng	100
27) 2,4-Dimethylphenol	7.816	122	108371	40.107	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	140865	40.489	ng	100
29) 2,4-Dichlorophenol	8.022	162	112730	41.475	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	114331	40.602	ng	100
31) Naphthalene	8.193	128	367480	40.424	ng	100
32) Benzoic acid	7.910	122	70556m	42.800	ng	
33) 4-Chloroaniline	8.240	127	128117	40.483	ng	100
34) Hexachlorobutadiene	8.310	225	74998	40.834	ng	100
35) Caprolactam	8.604	113	29280	40.475	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	112361	41.926	ng	100
37) 2-Methylnaphthalene	8.881	142	249730	40.131	ng	100
38) 1-Methylnaphthalene	8.981	142	240789	40.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	120893	40.506	ng	100
41) Hexachlorocyclopentadiene	9.040	237	64250	41.931	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	83786	42.042	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143680.D
Acq On : 09 Sep 2025 11:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Sep 09 15:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	83964	41.443	ng	100
46) 1,1'-Biphenyl	9.345	154	308203	41.065	ng	100
47) 2-Chloronaphthalene	9.375	162	241460	41.038	ng	100
48) 2-Nitroaniline	9.463	65	64957	41.717	ng	100
49) Acenaphthylene	9.787	152	342828	40.676	ng	100
50) Dimethylphthalate	9.639	163	275767	40.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	54581	42.086	ng	100
52) Acenaphthene	9.957	154	236114	40.654	ng	100
53) 3-Nitroaniline	9.875	138	58440	41.873	ng	100
54) 2,4-Dinitrophenol	9.975	184	25316	39.342	ng	100
55) Dibenzofuran	10.128	168	336132	40.249	ng	100
56) 4-Nitrophenol	10.016	139	46445	41.829	ng	100
57) 2,4-Dinitrotoluene	10.104	165	74327	42.110	ng	100
58) Fluorene	10.475	166	267557	40.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68379	41.623	ng	100
60) Diethylphthalate	10.345	149	259562	40.760	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	135281	40.803	ng	100
62) 4-Nitroaniline	10.486	138	55128	41.705	ng	100
63) Azobenzene	10.628	77	228960	40.670	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	35103	41.701	ng	100
66) n-Nitrosodiphenylamine	10.581	169	223544	41.272	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	84304	42.283	ng	100
68) Hexachlorobenzene	11.022	284	86656	41.162	ng	100
69) Atrazine	11.104	200	68140	40.123	ng	100
70) Pentachlorophenol	11.210	266	54265	42.640	ng	100
71) Phenanthrene	11.434	178	368361	40.436	ng	100
72) Anthracene	11.486	178	375041	40.944	ng	100
73) Carbazole	11.639	167	305808	40.765	ng	100
74) Di-n-butylphthalate	11.969	149	369098	40.868	ng	100
75) Fluoranthene	12.622	202	333725	39.906	ng	100
77) Benzidine	12.739	184	142412	40.182	ng	100
78) Pyrene	12.851	202	332356	38.247	ng	100
80) Butylbenzylphthalate	13.469	149	112482	41.314	ng	100
81) Benzo(a)anthracene	14.033	228	270771	38.726	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	88020	40.919	ng	100
83) Chrysene	14.075	228	257577	40.223	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	165062	42.490	ng	100
85) Di-n-octyl phthalate	14.639	149	290289	41.700	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	327534	42.200	ng	100
88) Benzo(b)fluoranthene	15.086	252	262466	38.770	ng	100
89) Benzo(k)fluoranthene	15.116	252	265883	43.517	ng	100
90) Benzo(a)pyrene	15.457	252	246850	41.505	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	269482	41.849	ng	100
92) Benzo(g,h,i)perylene	17.457	276	250547	41.597	ng	100

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

ICAL Form

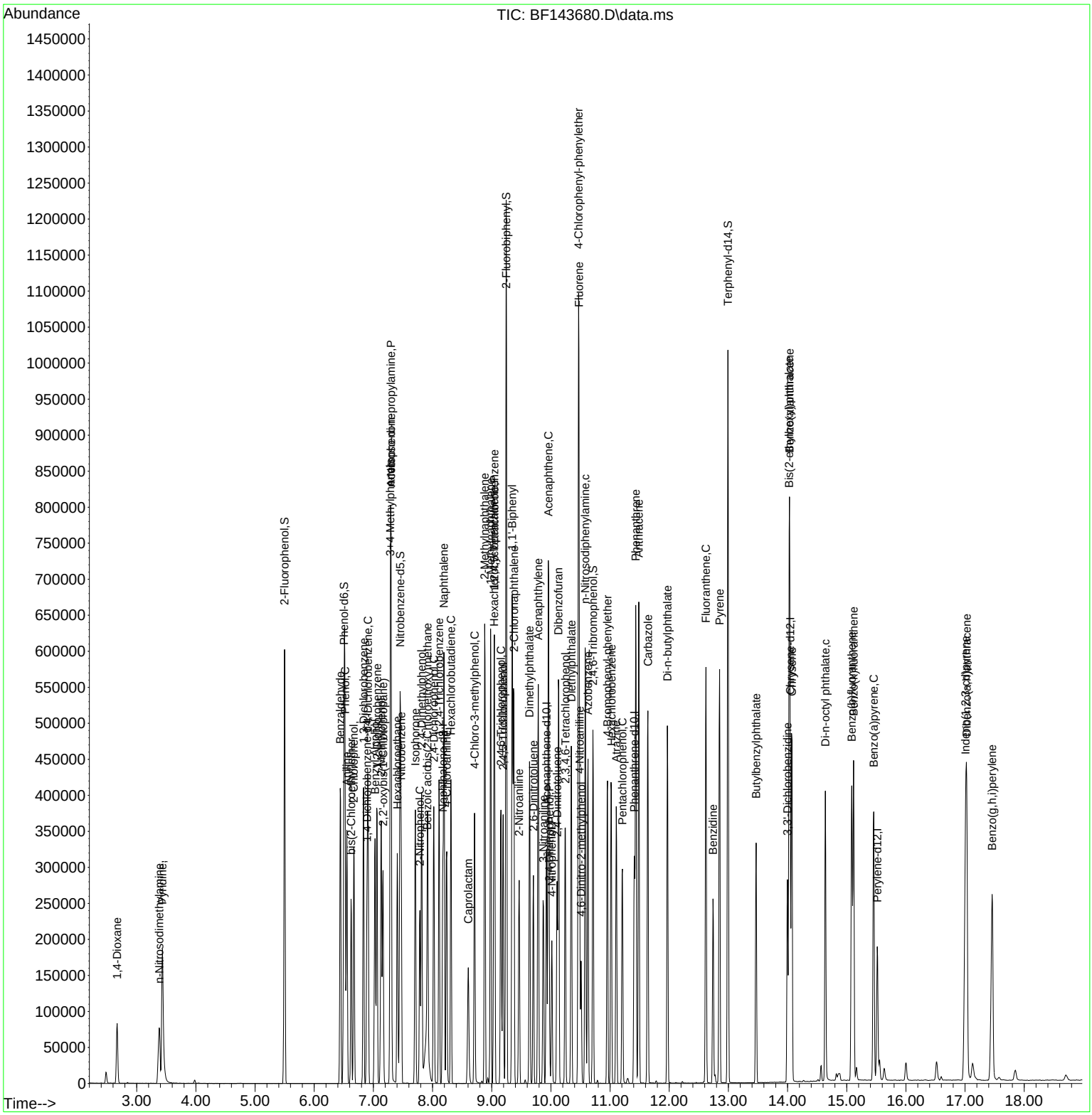
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143680.D
Acq On : 09 Sep 2025 11:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 15:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143681.D
Acq On : 09 Sep 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 15:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	48701	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	187400	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	106239	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163693	20.000	ng	0.00
76) Chrysene-d12	14.045	240	105078	20.000	ng	0.00
86) Perylene-d12	15.515	264	117337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	275777	96.613	ng	0.00
7) Phenol-d6	6.510	99	336370	96.781	ng	0.00
23) Nitrobenzene-d5	7.451	82	298944	99.224	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	105674	98.701	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	669974	95.264	ng	0.00
79) Terphenyl-d14	12.992	244	578773	89.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	60202	47.281	ng	98
3) Pyridine	3.434	79	162073	49.275	ng	97
4) n-Nitrosodimethylamine	3.387	42	60449	48.382	ng	95
6) Aniline	6.551	93	224778	48.830	ng	99
8) 2-Chlorophenol	6.675	128	150257	48.739	ng	97
9) Benzaldehyde	6.445	77	151356	53.975	ng	98
10) Phenol	6.522	94	185806m	48.363	ng	
11) bis(2-Chloroethyl)ether	6.628	93	138527	48.278	ng	99
12) 1,3-Dichlorobenzene	6.834	146	171492	48.639	ng	100
13) 1,4-Dichlorobenzene	6.910	146	173871	48.857	ng	100
14) 1,2-Dichlorobenzene	7.063	146	163398	48.621	ng	99
15) Benzyl Alcohol	7.028	79	123209	48.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	179887	47.919	ng	98
17) 2-Methylphenol	7.134	107	122850	49.537	ng	99
18) Hexachloroethane	7.404	117	55730	48.478	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	103255	48.373	ng	100
20) 3+4-Methylphenols	7.287	107	159846	48.946	ng	95
22) Acetophenone	7.298	105	202733	47.900	ng	98
24) Nitrobenzene	7.475	77	152066	48.677	ng	97
25) Isophorone	7.710	82	275784	47.736	ng	99
26) 2-Nitrophenol	7.787	139	80228	52.233	ng	99
27) 2,4-Dimethylphenol	7.816	122	134004	48.598	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	169853	47.841	ng	99
29) 2,4-Dichlorophenol	8.022	162	134803	48.600	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	140654	48.947	ng	99
31) Naphthalene	8.192	128	445518	48.024	ng	100
32) Benzoic acid	7.916	122	86159	51.216	ng	99
33) 4-Chloroaniline	8.239	127	154832	47.942	ng	99
34) Hexachlorobutadiene	8.310	225	90648	48.364	ng	99
35) Caprolactam	8.610	113	35043	47.468	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	132445	48.427	ng	98
37) 2-Methylnaphthalene	8.886	142	303130	47.734	ng	100
38) 1-Methylnaphthalene	8.981	142	291205	47.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	146682	48.228	ng	100
41) Hexachlorocyclopentadiene	9.039	237	82011	52.522	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	98872	48.683	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143681.D
Acq On : 09 Sep 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 15:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102829	49.805	ng		99
46) 1,1'-Biphenyl	9.351	154	370301	48.416	ng		99
47) 2-Chloronaphthalene	9.375	162	285560	47.625	ng		99
48) 2-Nitroaniline	9.463	65	81098	51.109	ng		96
49) Acenaphthylene	9.786	152	416024	48.437	ng		100
50) Dimethylphthalate	9.645	163	329330	47.644	ng		100
51) 2,6-Dinitrotoluene	9.704	165	68823	52.075	ng		98
52) Acenaphthene	9.963	154	281534	47.568	ng		98
53) 3-Nitroaniline	9.875	138	68669	48.282	ng		98
54) 2,4-Dinitrophenol	9.975	184	30751	45.821	ng	#	77
55) Dibenzofuran	10.133	168	408703	48.023	ng		98
56) 4-Nitrophenol	10.016	139	53500	47.282	ng		95
57) 2,4-Dinitrotoluene	10.104	165	89538	49.779	ng		98
58) Fluorene	10.475	166	315248	47.321	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83243	49.723	ng		99
60) Diethylphthalate	10.345	149	305936	47.144	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	160530	47.513	ng		98
62) 4-Nitroaniline	10.486	138	64527	47.903	ng		98
63) Azobenzene	10.628	77	274716	47.885	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	42383	50.854	ng		97
66) n-Nitrosodiphenylamine	10.586	169	261578	48.778	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	97393	49.338	ng		98
68) Hexachlorobenzene	11.022	284	103033	49.432	ng		98
69) Atrazine	11.110	200	80407	47.821	ng		99
70) Pentachlorophenol	11.210	266	62720	49.778	ng		97
71) Phenanthrene	11.439	178	434393	48.163	ng		100
72) Anthracene	11.486	178	437984	48.295	ng		100
73) Carbazole	11.639	167	354246	47.696	ng		100
74) Di-n-butylphthalate	11.969	149	431786	48.289	ng		100
75) Fluoranthene	12.622	202	380399	45.943	ng		100
77) Benzidine	12.739	184	202166	58.999	ng		100
78) Pyrene	12.851	202	383337	45.628	ng		100
80) Butylbenzylphthalate	13.469	149	136440	51.832	ng		99
81) Benzo(a)anthracene	14.033	228	335640	49.650	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	107729	51.800	ng		98
83) Chrysene	14.074	228	293904	47.470	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	203237	54.112	ng		99
85) Di-n-octyl phthalate	14.639	149	363429	53.998	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	401522	50.140	ng		100
88) Benzo(b)fluoranthene	15.086	252	350635	50.199	ng		99
89) Benzo(k)fluoranthene	15.115	252	292102	46.337	ng		100
90) Benzo(a)pyrene	15.457	252	300975	49.048	ng		100
91) Dibenzo(a,h)anthracene	17.033	278	331338	49.871	ng		100
92) Benzo(g,h,i)perylene	17.462	276	310457	49.956	ng		98

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

ICAL Form

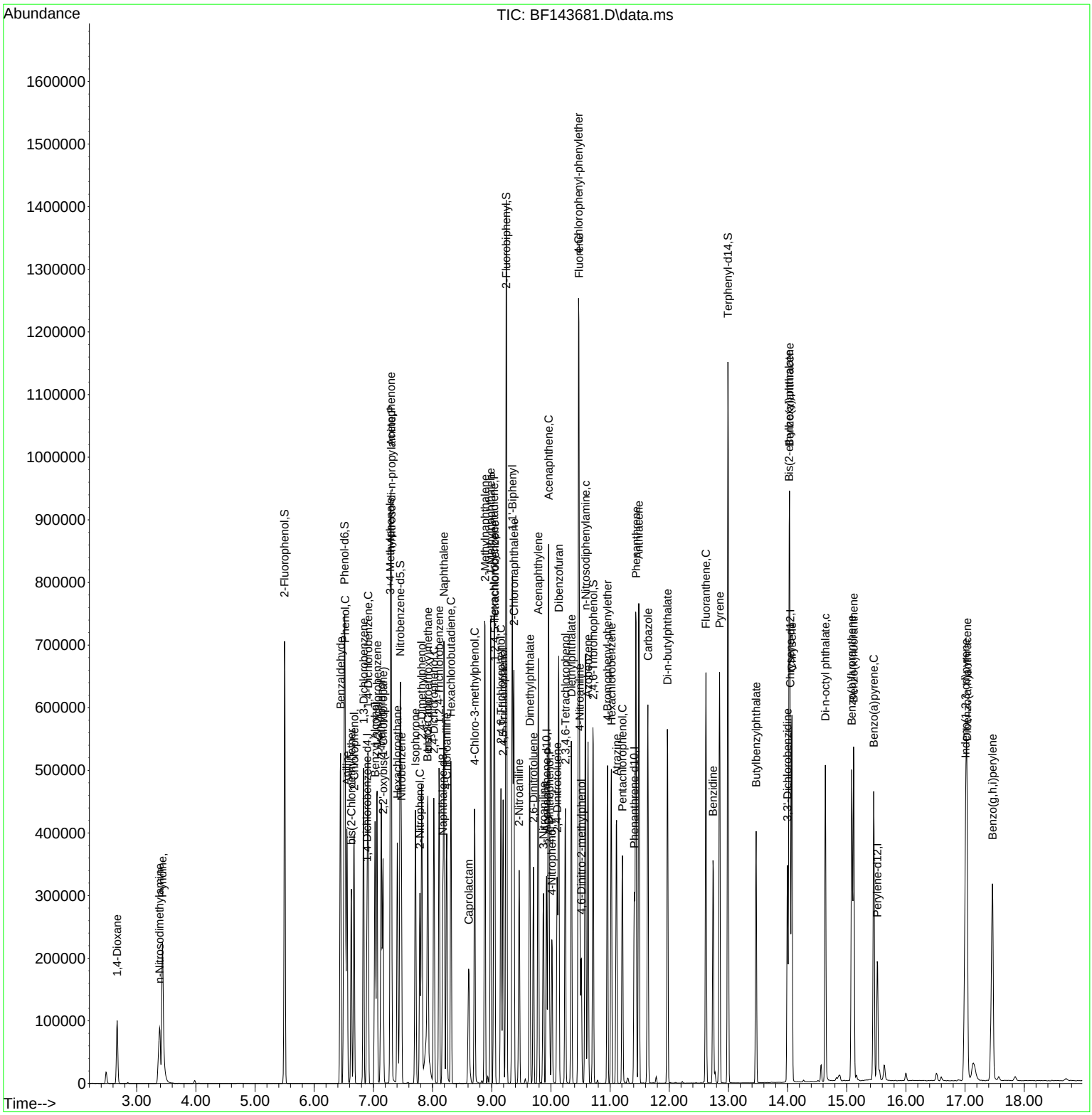
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143681.D
Acq On : 09 Sep 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 15:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143682.D
Acq On : 09 Sep 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 09 15:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	48449	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183405	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104999	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163071	20.000	ng	0.00
76) Chrysene-d12	14.045	240	101826	20.000	ng	0.00
86) Perylene-d12	15.521	264	110033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	336165	118.381	ng	0.00
7) Phenol-d6	6.510	99	410610	118.756	ng	0.00
23) Nitrobenzene-d5	7.457	82	367981	124.798	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	132201	124.936	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	810323	116.581	ng	0.00
79) Terphenyl-d14	12.992	244	712078	113.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	74737	59.001	ng	99
3) Pyridine	3.440	79	198056	60.528	ng	98
4) n-Nitrosodimethylamine	3.399	42	75434	60.689	ng	95
6) Aniline	6.557	93	273383	59.698	ng	99
8) 2-Chlorophenol	6.675	128	183451	59.816	ng	97
9) Benzaldehyde	6.445	77	217072	77.812	ng	99
10) Phenol	6.528	94	228547m	59.797	ng	
11) bis(2-Chloroethyl)ether	6.628	93	169430	59.355	ng	99
12) 1,3-Dichlorobenzene	6.834	146	208516	59.447	ng	98
13) 1,4-Dichlorobenzene	6.910	146	209223	59.097	ng	99
14) 1,2-Dichlorobenzene	7.063	146	195044	58.340	ng	98
15) Benzyl Alcohol	7.028	79	151121	60.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	218801	58.588	ng	99
17) 2-Methylphenol	7.134	107	150977	61.195	ng	99
18) Hexachloroethane	7.404	117	69370	60.657	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	126221	59.439	ng	98
20) 3+4-Methylphenols	7.292	107	192470	59.242	ng	93
22) Acetophenone	7.304	105	246281	59.456	ng	99
24) Nitrobenzene	7.475	77	185150	60.559	ng	98
25) Isophorone	7.716	82	341781	60.449	ng	100
26) 2-Nitrophenol	7.787	139	96651	64.296	ng	99
27) 2,4-Dimethylphenol	7.822	122	164457	60.941	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	208375	59.970	ng	99
29) 2,4-Dichlorophenol	8.028	162	163963	60.401	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	170361	60.576	ng	99
31) Naphthalene	8.198	128	542906	59.797	ng	99
32) Benzoic acid	7.928	122	114139	69.326	ng	100
33) 4-Chloroaniline	8.239	127	191381	60.550	ng	99
34) Hexachlorobutadiene	8.310	225	111518	60.795	ng	99
35) Caprolactam	8.622	113	44575	61.695	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	162648	60.766	ng	97
37) 2-Methylnaphthalene	8.886	142	369233	59.410	ng	99
38) 1-Methylnaphthalene	8.986	142	354559	59.446	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	180805	60.149	ng	99
41) Hexachlorocyclopentadiene	9.039	237	96156	62.308	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	120659	60.113	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143682.D
Acq On : 09 Sep 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	128683	63.063	ng		98
46) 1,1'-Biphenyl	9.351	154	447425	59.190	ng		99
47) 2-Chloronaphthalene	9.375	162	353378	59.632	ng		99
48) 2-Nitroaniline	9.463	65	97484	62.161	ng		97
49) Acenaphthylene	9.786	152	510762	60.170	ng		100
50) Dimethylphthalate	9.645	163	409629	59.961	ng		100
51) 2,6-Dinitrotoluene	9.710	165	84793	64.917	ng		95
52) Acenaphthene	9.963	154	352828	60.318	ng		98
53) 3-Nitroaniline	9.875	138	87317	62.118	ng		95
54) 2,4-Dinitrophenol	9.975	184	43384	63.017	ng	#	47
55) Dibenzofuran	10.133	168	498267	59.238	ng		99
56) 4-Nitrophenol	10.022	139	69488	62.137	ng		98
57) 2,4-Dinitrotoluene	10.110	165	112245	63.140	ng		97
58) Fluorene	10.475	166	385078	58.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103083	62.301	ng		99
60) Diethylphthalate	10.351	149	383748	59.833	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	196333	58.796	ng		99
62) 4-Nitroaniline	10.492	138	84033	63.120	ng		98
63) Azobenzene	10.628	77	333443	58.808	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	57061	68.727	ng		98
66) n-Nitrosodiphenylamine	10.586	169	328675	61.524	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	118964	60.496	ng		96
68) Hexachlorobenzene	11.022	284	127479	61.394	ng		97
69) Atrazine	11.110	200	99962	59.678	ng		99
70) Pentachlorophenol	11.210	266	80967	64.505	ng		99
71) Phenanthrene	11.439	178	531231	59.125	ng		99
72) Anthracene	11.486	178	536413	59.374	ng		99
73) Carbazole	11.639	167	437989	59.196	ng		99
74) Di-n-butylphthalate	11.975	149	530871	59.596	ng		100
75) Fluoranthene	12.622	202	469334	56.901	ng		99
77) Benzidine	12.745	184	233493	70.318	ng		99
78) Pyrene	12.851	202	465668	57.197	ng		99
80) Butylbenzylphthalate	13.469	149	166792	65.387	ng		99
81) Benzo(a)anthracene	14.039	228	400644	61.159	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	128699	63.860	ng		98
83) Chrysene	14.074	228	356726	59.457	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	235967	64.833	ng		99
85) Di-n-octyl phthalate	14.639	149	423351	64.910	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	475913	63.374	ng		100
88) Benzo(b)fluoranthene	15.086	252	397168	60.636	ng		99
89) Benzo(k)fluoranthene	15.121	252	357138	60.414	ng		99
90) Benzo(a)pyrene	15.457	252	357533	62.132	ng		100
91) Dibenzo(a,h)anthracene	17.033	278	397881	63.861	ng		100
92) Benzo(g,h,i)perylene	17.468	276	373061	64.015	ng		99

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

ICAL Form

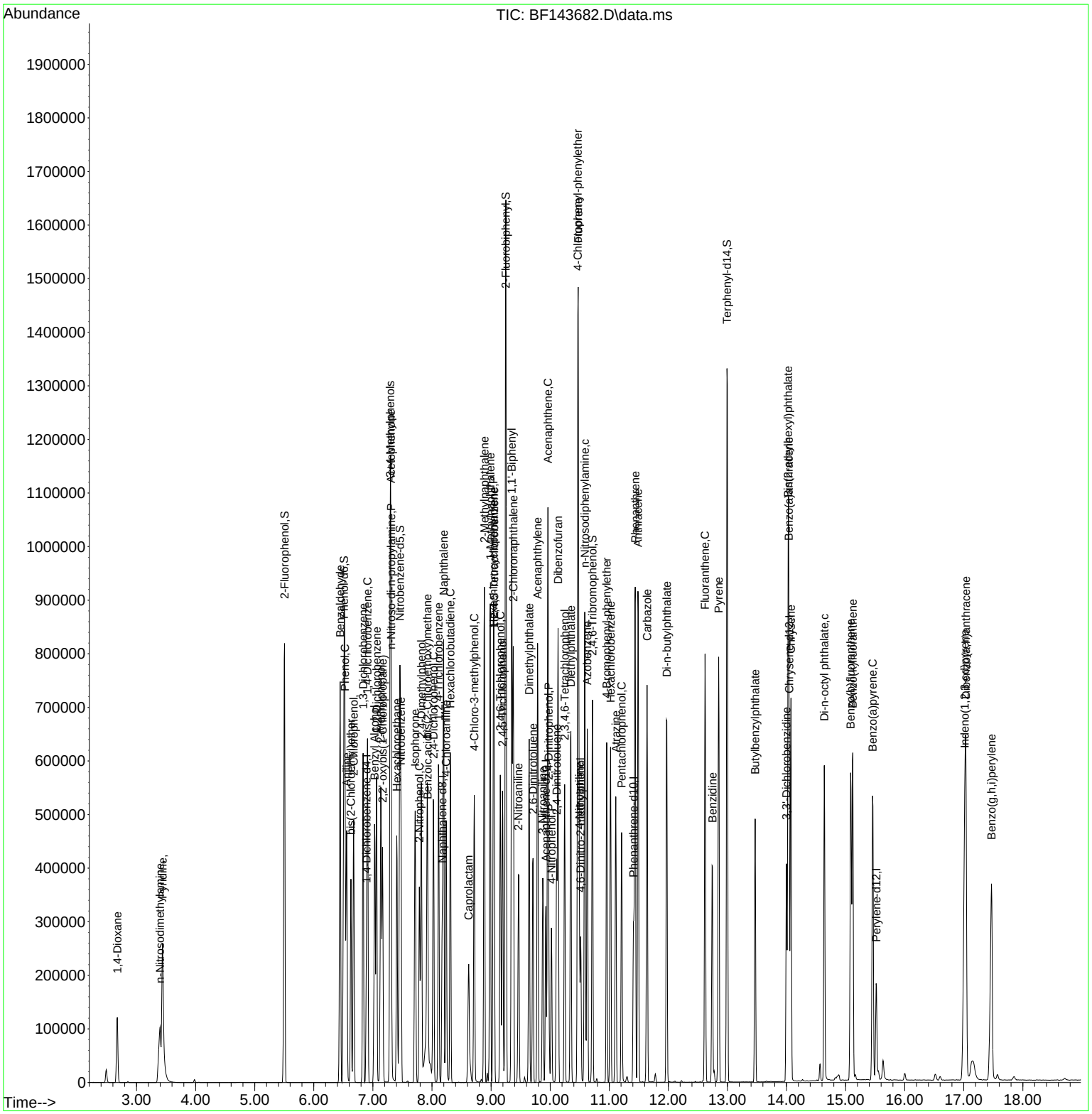
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143682.D
Acq On : 09 Sep 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 09 15:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143683.D
Acq On : 09 Sep 2025 13:54
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 09 15:31:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	56382	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	213611	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	124115	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	187688	20.000	ng		0.00
76) Chrysene-d12	14.057	240	116895	20.000	ng		0.01
86) Perylene-d12	15.527	264	129691	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	518124	156.786	ng		0.00
7) Phenol-d6	6.516	99	624813	155.282	ng		0.01
23) Nitrobenzene-d5	7.463	82	559223	162.838	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	193329	154.564	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	1179990	143.618	ng		0.00
79) Terphenyl-d14	12.998	244	1031371	142.979	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	113617	77.075	ng		99
3) Pyridine	3.440	79	302753	79.506	ng		98
4) n-Nitrosodimethylamine	3.410	42	116844	80.779	ng		94
6) Aniline	6.557	93	412609	77.423	ng		99
8) 2-Chlorophenol	6.675	128	283491	79.429	ng		100
9) Benzaldehyde	6.445	77	255985	78.850	ng		99
10) Phenol	6.534	94	346126m	77.819	ng		
11) bis(2-Chloroethyl)ether	6.634	93	257746	77.590	ng		97
12) 1,3-Dichlorobenzene	6.834	146	315159	77.209	ng		99
13) 1,4-Dichlorobenzene	6.910	146	314684	76.379	ng		100
14) 1,2-Dichlorobenzene	7.063	146	298298	76.670	ng		99
15) Benzyl Alcohol	7.034	79	230026	78.590	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	337215	77.591	ng		97
17) 2-Methylphenol	7.139	107	230006	80.110	ng		98
18) Hexachloroethane	7.404	117	105200	79.044	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	192814	78.023	ng		99
20) 3+4-Methylphenols	7.298	107	288678	76.353	ng		91
22) Acetophenone	7.304	105	371310	76.965	ng	#	93
24) Nitrobenzene	7.481	77	284138	79.794	ng		98
25) Isophorone	7.722	82	528121	80.197	ng		99
26) 2-Nitrophenol	7.792	139	150727	86.090	ng		99
27) 2,4-Dimethylphenol	7.822	122	245459	78.096	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	323002	79.814	ng		100
29) 2,4-Dichlorophenol	8.028	162	253340	80.128	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	256397	78.277	ng		99
31) Naphthalene	8.198	128	818642	77.417	ng		99
32) Benzoic acid	7.957	122	186144m	97.074	ng		
33) 4-Chloroaniline	8.245	127	284322	77.235	ng		99
34) Hexachlorobutadiene	8.316	225	167644	78.469	ng		99
35) Caprolactam	8.639	113	69698	82.827	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	248979	79.866	ng		98
37) 2-Methylnaphthalene	8.886	142	552024	76.261	ng		99
38) 1-Methylnaphthalene	8.986	142	527838	75.984	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	271043	76.281	ng		100
41) Hexachlorocyclopentadiene	9.039	237	146134	80.108	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	189455	79.850	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143683.D
Acq On : 09 Sep 2025 13:54
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Sep 09 15:31:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189631	78.619	ng		98
46) 1,1'-Biphenyl	9.357	154	666722	74.617	ng		100
47) 2-Chloronaphthalene	9.380	162	530685	75.759	ng		100
48) 2-Nitroaniline	9.469	65	152123	82.062	ng		96
49) Acenaphthylene	9.792	152	759223	75.664	ng		100
50) Dimethylphthalate	9.651	163	617247	76.436	ng		100
51) 2,6-Dinitrotoluene	9.716	165	128331	83.117	ng		97
52) Acenaphthene	9.969	154	526045	76.080	ng		99
53) 3-Nitroaniline	9.886	138	132242	79.589	ng		99
54) 2,4-Dinitrophenol	9.986	184	68283	82.053	ng	#	53
55) Dibenzofuran	10.139	168	732979	73.721	ng		99
56) 4-Nitrophenol	10.033	139	105333	79.683	ng		99
57) 2,4-Dinitrotoluene	10.116	165	174053	82.828	ng		98
58) Fluorene	10.480	166	567673	72.939	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155147	79.326	ng		99
60) Diethylphthalate	10.357	149	575874	75.960	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	291237	73.784	ng		99
62) 4-Nitroaniline	10.504	138	126541	80.410	ng		100
63) Azobenzene	10.633	77	504293	75.241	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	87568	91.637	ng		99
66) n-Nitrosodiphenylamine	10.592	169	484542	78.804	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	179680	79.387	ng		97
68) Hexachlorobenzene	11.027	284	191089	79.958	ng		98
69) Atrazine	11.116	200	149614	77.606	ng		99
70) Pentachlorophenol	11.216	266	123112	85.217	ng		99
71) Phenanthrene	11.445	178	783137	75.729	ng		99
72) Anthracene	11.498	178	788152	75.796	ng		99
73) Carbazole	11.645	167	649839	76.309	ng		100
74) Di-n-butylphthalate	11.974	149	798541	77.888	ng		99
75) Fluoranthene	12.627	202	695885	73.302	ng		99
77) Benzidine	12.745	184	242284	63.559	ng		100
78) Pyrene	12.857	202	697866	74.668	ng		99
80) Butylbenzylphthalate	13.474	149	249215	85.104	ng		99
81) Benzo(a)anthracene	14.045	228	595222	79.148	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	185097	80.004	ng		99
83) Chrysene	14.080	228	531262	77.133	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	361768	86.584	ng		99
85) Di-n-octyl phthalate	14.645	149	647392	86.465	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	709706	80.182	ng		100
88) Benzo(b)fluoranthene	15.098	252	621698	80.528	ng		99
89) Benzo(k)fluoranthene	15.127	252	507280	72.806	ng		99
90) Benzo(a)pyrene	15.468	252	528783	77.963	ng		100
91) Dibenzo(a,h)anthracene	17.056	278	585296	79.703	ng		99
92) Benzo(g,h,i)perylene	17.492	276	547026	79.639	ng		99

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

ICAL Form

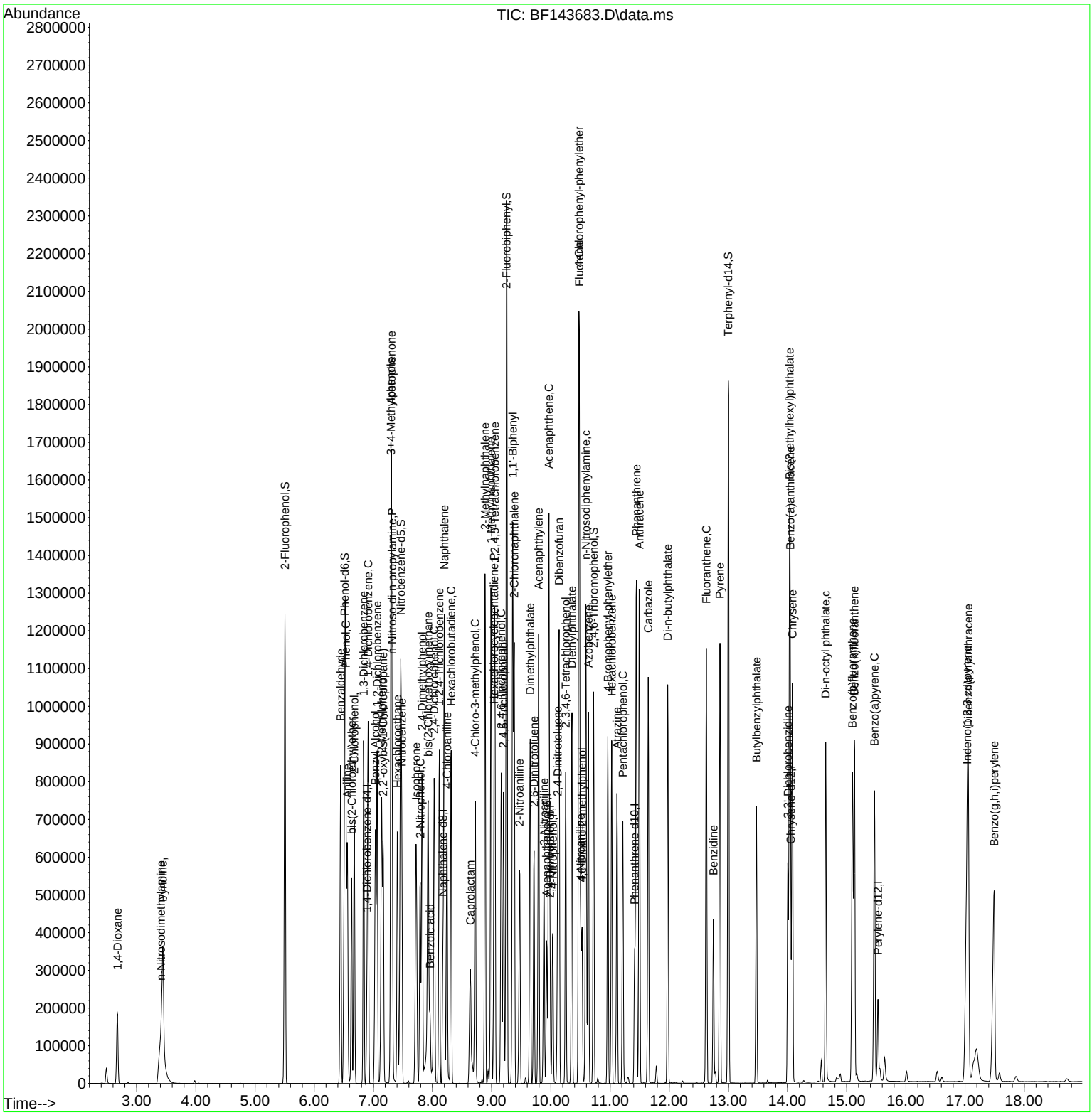
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143683.D
Acq On : 09 Sep 2025 13:54
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 09 15:31:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	61621	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239239	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	135701	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130232	20.000	ng	0.00
86) Perylene-d12	15.521	264	129310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	293213	81.184	ng	0.00
7) Phenol-d6	6.510	99	357854	81.374	ng	0.00
23) Nitrobenzene-d5	7.451	82	322262	83.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116586	85.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	710939	79.141	ng	0.00
79) Terphenyl-d14	12.992	244	682319	84.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	63901	39.663	ng	99
3) Pyridine	3.451	79	169174	40.650	ng	98
4) n-Nitrosodimethylamine	3.404	42	64223	40.625	ng	97
6) Aniline	6.551	93	238489	40.946	ng	100
8) 2-Chlorophenol	6.675	128	160142	41.054	ng	96
9) Benzaldehyde	6.440	77	150248	42.346	ng	98
10) Phenol	6.522	94	196759m	40.476	ng	
11) bis(2-Chloroethyl)ether	6.628	93	147688	40.679	ng	98
12) 1,3-Dichlorobenzene	6.834	146	182553	40.920	ng	100
13) 1,4-Dichlorobenzene	6.910	146	182369	40.501	ng	98
14) 1,2-Dichlorobenzene	7.063	146	171682	40.375	ng	99
15) Benzyl Alcohol	7.028	79	133140	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	193205	40.676	ng	99
17) 2-Methylphenol	7.134	107	132179	42.123	ng	99
18) Hexachloroethane	7.404	117	60841	41.827	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	110835	41.037	ng	99
20) 3+4-Methylphenols	7.287	107	170831	41.342	ng	96
22) Acetophenone	7.298	105	215719	39.924	ng	97
24) Nitrobenzene	7.475	77	160692	40.293	ng	97
25) Isophorone	7.710	82	300398	40.730	ng	99
26) 2-Nitrophenol	7.787	139	86760	44.246	ng	98
27) 2,4-Dimethylphenol	7.816	122	141119	40.089	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	181315	40.004	ng	98
29) 2,4-Dichlorophenol	8.022	162	146015	41.236	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	146710	39.992	ng	99
31) Naphthalene	8.192	128	471612	39.822	ng	99
32) Benzoic acid	7.922	122	94531	44.017	ng	97
33) 4-Chloroaniline	8.239	127	167620	40.656	ng	99
34) Hexachlorobutadiene	8.310	225	97899	40.915	ng	99
35) Caprolactam	8.616	113	39696	42.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	144035	41.254	ng	97
37) 2-Methylnaphthalene	8.886	142	319256	39.380	ng	100
38) 1-Methylnaphthalene	8.986	142	309953	39.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	158089	40.693	ng	100
41) Hexachlorocyclopentadiene	9.039	237	84098	42.165	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	107849	41.574	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109448	41.502	ng		99
46) 1,1'-Biphenyl	9.351	154	396011	40.536	ng		100
47) 2-Chloronaphthalene	9.375	162	308479	40.278	ng		99
48) 2-Nitroaniline	9.463	65	89539	44.177	ng		94
49) Acenaphthylene	9.786	152	445741	40.630	ng		100
50) Dimethylphthalate	9.645	163	360478	40.828	ng		99
51) 2,6-Dinitrotoluene	9.710	165	77992	46.201	ng		94
52) Acenaphthene	9.963	154	307329	40.653	ng		98
53) 3-Nitroaniline	9.875	138	80526	44.326	ng		100
54) 2,4-Dinitrophenol	9.975	184	38062	44.575	ng	#	69
55) Dibenzofuran	10.133	168	435122	40.027	ng		99
56) 4-Nitrophenol	10.022	139	61730	42.711	ng		99
57) 2,4-Dinitrotoluene	10.110	165	99984	43.518	ng		98
58) Fluorene	10.475	166	342139	40.207	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89324	41.772	ng	#	98
60) Diethylphthalate	10.345	149	345990	41.741	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	172739	40.026	ng		99
62) 4-Nitroaniline	10.492	138	73690	42.828	ng		97
63) Azobenzene	10.628	77	298272	40.703	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	51333	45.613	ng		99
66) n-Nitrosodiphenylamine	10.586	169	289318	39.954	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	109435	41.055	ng		99
68) Hexachlorobenzene	11.022	284	114029	40.514	ng		98
69) Atrazine	11.110	200	95935	42.253	ng		100
70) Pentachlorophenol	11.210	266	71718	42.152	ng		97
71) Phenanthrene	11.439	178	486594	39.953	ng		99
72) Anthracene	11.486	178	493746	40.318	ng		100
73) Carbazole	11.639	167	408521	40.733	ng		99
74) Di-n-butylphthalate	11.974	149	511838	42.390	ng		100
75) Fluoranthene	12.621	202	443018	39.624	ng		99
77) Benzidine	12.739	184	163847	38.581	ng		100
78) Pyrene	12.851	202	445986	42.831	ng		99
80) Butylbenzylphthalate	13.468	149	148362	45.475	ng		99
81) Benzo(a)anthracene	14.033	228	353094	42.144	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	106725	41.406	ng		98
83) Chrysene	14.074	228	307401	40.060	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	199124	42.777	ng		100
85) Di-n-octyl phthalate	14.639	149	330447	39.614	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	350306	39.694	ng		100
88) Benzo(b)fluoranthene	15.086	252	319200	41.467	ng		99
89) Benzo(k)fluoranthene	15.115	252	278625	40.107	ng		100
90) Benzo(a)pyrene	15.457	252	279518	41.333	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	294700	40.249	ng		99
92) Benzo(g,h,i)perylene	17.462	276	271515	39.645	ng		99

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

ICAL Form

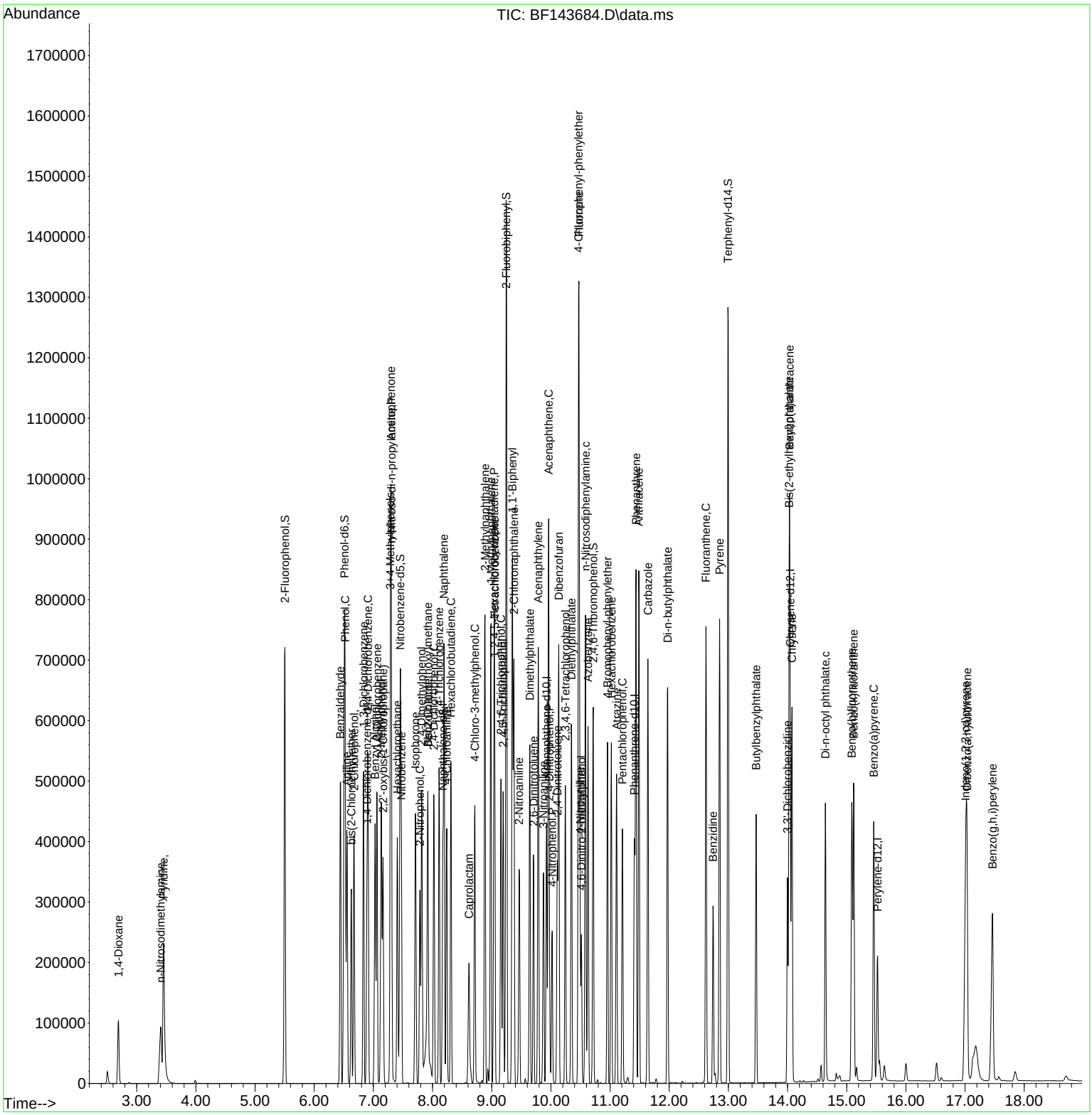
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	131	0.00
2		1,4-Dioxane	40.000	39.663	0.8	126	0.02
3		Pyridine	40.000	40.650	-1.6	128	0.02
4		n-Nitrosodimethylamine	40.000	40.625	-1.6	130	0.02
5	S	2-Fluorophenol	80.000	81.184	-1.5	127	0.00
6		Aniline	40.000	40.946	-2.4	131	0.00
7	S	Phenol-d6	80.000	81.374	-1.7	129	0.00
8		2-Chlorophenol	40.000	41.054	-2.6	130	0.00
9		Benzaldehyde	40.000	42.346	-5.9	129	0.00
10	C	Phenol	40.000	40.476	-1.2	123	0.00
11		bis(2-Chloroethyl)ether	40.000	40.679	-1.7	130	0.00
12		1,3-Dichlorobenzene	40.000	40.920	-2.3	129	0.00
13	C	1,4-Dichlorobenzene	40.000	40.501	-1.3	129	0.00
14		1,2-Dichlorobenzene	40.000	40.375	-0.9	129	0.00
15		Benzyl Alcohol	40.000	41.621	-4.1	132	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.676	-1.7	128	0.00
17		2-Methylphenol	40.000	42.123	-5.3	135	0.00
18		Hexachloroethane	40.000	41.827	-4.6	131	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.037	-2.6	132	0.00
20		3+4-Methylphenols	40.000	41.342	-3.4	129	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	130	0.00
22		Acetophenone	40.000	39.924	0.2	130	0.00
23	S	Nitrobenzene-d5	80.000	83.786	-4.7	133	0.00
24		Nitrobenzene	40.000	40.293	-0.7	128	0.00
25		Isophorone	40.000	40.730	-1.8	131	0.00
26	C	2-Nitrophenol	40.000	44.246	-10.6	139	0.00
27		2,4-Dimethylphenol	40.000	40.089	-0.2	130	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.004	-0.0	129	0.00
29	C	2,4-Dichlorophenol	40.000	41.236	-3.1	130	0.00
30		1,2,4-Trichlorobenzene	40.000	39.992	0.0	128	0.00
31		Naphthalene	40.000	39.822	0.4	128	0.00
32		Benzoic acid	40.000	44.017	-10.0	143	0.01
33		4-Chloroaniline	40.000	40.656	-1.6	131	0.00
34	C	Hexachlorobutadiene	40.000	40.915	-2.3	131	0.00
35		Caprolactam	40.000	42.120	-5.3	136	0.01
36	C	4-Chloro-3-methylphenol	40.000	41.254	-3.1	128	0.00
37		2-Methylnaphthalene	40.000	39.380	1.5	128	0.00
38		1-Methylnaphthalene	40.000	39.839	0.4	129	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	130	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.693	-1.7	131	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.165	-5.4	131	0.00
42	S	2,4,6-Tribromophenol	80.000	85.251	-6.6	134	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.574	-3.9	129	0.00
44		2,4,5-Trichlorophenol	40.000	41.502	-3.8	130	0.00
45	S	2-Fluorobiphenyl	80.000	79.141	1.1	128	0.00
46		1,1'-Biphenyl	40.000	40.536	-1.3	128	0.00
47		2-Chloronaphthalene	40.000	40.278	-0.7	128	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	44.177	-10.4	138	0.00
49		Acenaphthylene	40.000	40.630	-1.6	130	0.00
50		Dimethylphthalate	40.000	40.828	-2.1	131	0.00
51		2,6-Dinitrotoluene	40.000	46.201	-15.5	143	0.00
52	C	Acenaphthene	40.000	40.653	-1.6	130	0.00
53		3-Nitroaniline	40.000	44.326	-10.8	138	0.00
54	P	2,4-Dinitrophenol	40.000	44.575	-11.4	150	0.00
55		Dibenzofuran	40.000	40.027	-0.1	129	0.00
56	P	4-Nitrophenol	40.000	42.711	-6.8	133	0.00
57		2,4-Dinitrotoluene	40.000	43.518	-8.8	135	0.00
58		Fluorene	40.000	40.207	-0.5	128	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.772	-4.4	131	0.00
60		Diethylphthalate	40.000	41.741	-4.4	133	0.00
61		4-Chlorophenyl-phenylether	40.000	40.026	-0.1	128	0.00
62		4-Nitroaniline	40.000	42.828	-7.1	134	0.00
63		Azobenzene	40.000	40.703	-1.8	130	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	134	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.613	-14.0	146	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.954	0.1	129	0.00
67		4-Bromophenyl-phenylether	40.000	41.055	-2.6	130	0.00
68		Hexachlorobenzene	40.000	40.514	-1.3	132	0.00
69		Atrazine	40.000	42.253	-5.6	141	0.00
70	C	Pentachlorophenol	40.000	42.152	-5.4	132	0.00
71		Phenanthrene	40.000	39.953	0.1	132	0.00
72		Anthracene	40.000	40.318	-0.8	132	0.00
73		Carbazole	40.000	40.733	-1.8	134	0.00
74		Di-n-butylphthalate	40.000	42.390	-6.0	139	0.00
75	C	Fluoranthene	40.000	39.624	0.9	133	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	120	0.00
77		Benzidine	40.000	38.581	3.5	115	0.00
78		Pyrene	40.000	42.831	-7.1	134	0.00
79	S	Terphenyl-d14	80.000	84.903	-6.1	134	0.00
80		Butylbenzylphthalate	40.000	45.475	-13.7	132	0.00
81		Benzo(a)anthracene	40.000	42.144	-5.4	130	0.00
82		3,3'-Dichlorobenzidine	40.000	41.406	-3.5	121	0.00
83		Chrysene	40.000	40.060	-0.2	119	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	42.777	-6.9	121	0.00
85	c	Di-n-octyl phthalate	40.000	39.614	1.0	114	0.00
86	I	Perylene-d12	20.000	20.000	0.0	114	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.694	0.8	107	0.00
88		Benzo(b)fluoranthene	40.000	41.467	-3.7	122	0.00
89		Benzo(k)fluoranthene	40.000	40.107	-0.3	105	0.00
90	C	Benzo(a)pyrene	40.000	41.333	-3.3	113	0.00
91		Dibenzo(a,h)anthracene	40.000	40.249	-0.6	109	0.00
92		Benzo(g,h,i)perylene	40.000	39.645	0.9	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	131	0.00
2		1,4-Dioxane	0.523	0.519	0.8	126	0.02
3		Pyridine	1.351	1.373	-1.6	128	0.02
4		n-Nitrosodimethylamine	0.513	0.521	-1.6	130	0.02
5	S	2-Fluorophenol	1.172	1.190	-1.5	127	0.00
6		Aniline	1.890	1.935	-2.4	131	0.00
7	S	Phenol-d6	1.427	1.452	-1.8	129	0.00
8		2-Chlorophenol	1.266	1.299	-2.6	130	0.00
9		Benzaldehyde	1.152	1.219	-5.8	129	0.00
10	C	Phenol	1.578	1.597	-1.2	123	0.00
11		bis(2-Chloroethyl)ether	1.178	1.198	-1.7	130	0.00
12		1,3-Dichlorobenzene	1.448	1.481	-2.3	129	0.00
13	C	1,4-Dichlorobenzene	1.461	1.480	-1.3	129	0.00
14		1,2-Dichlorobenzene	1.380	1.393	-0.9	129	0.00
15		Benzyl Alcohol	1.038	1.080	-4.0	132	0.00
16		2,2'-oxybis(1-Chloropropane	1.542	1.568	-1.7	128	0.00
17		2-Methylphenol	1.018	1.073	-5.4	135	0.00
18		Hexachloroethane	0.472	0.494	-4.7	131	0.00
19	P	n-Nitroso-di-n-propylamine	0.877	0.899	-2.5	132	0.00
20		3+4-Methylphenols	1.341	1.386	-3.4	129	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	130	0.00
22		Acetophenone	0.452	0.451	0.2	130	0.00
23	S	Nitrobenzene-d5	0.322	0.337	-4.7	133	0.00
24		Nitrobenzene	0.333	0.336	-0.9	128	0.00
25		Isophorone	0.617	0.628	-1.8	131	0.00
26	C	2-Nitrophenol	0.164	0.181	-10.4	139	0.00
27		2,4-Dimethylphenol	0.294	0.295	-0.3	130	0.00
28		bis(2-Chloroethoxy)methane	0.379	0.379	0.0	129	0.00
29	C	2,4-Dichlorophenol	0.296	0.305	-3.0	130	0.00
30		1,2,4-Trichlorobenzene	0.307	0.307	0.0	128	0.00
31		Naphthalene	0.990	0.986	0.4	128	0.00
32		Benzoic acid	0.180	0.198	-10.0	143	0.01
33		4-Chloroaniline	0.345	0.350	-1.4	131	0.00
34	C	Hexachlorobutadiene	0.200	0.205	-2.5	131	0.00
35		Caprolactam	0.079	0.083	-5.1	136	0.01
36	C	4-Chloro-3-methylphenol	0.292	0.301	-3.1	128	0.00
37		2-Methylnaphthalene	0.678	0.667	1.6	128	0.00
38		1-Methylnaphthalene	0.650	0.648	0.3	129	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	130	0.00
40		1,2,4,5-Tetrachlorobenzene	0.573	0.582	-1.6	131	0.00
41	P	Hexachlorocyclopentadiene	0.294	0.310	-5.4	131	0.00
42	S	2,4,6-Tribromophenol	0.202	0.215	-6.4	134	0.00
43	C	2,4,6-Trichlorophenol	0.382	0.397	-3.9	129	0.00
44		2,4,5-Trichlorophenol	0.389	0.403	-3.6	130	0.00
45	S	2-Fluorobiphenyl	1.324	1.310	1.1	128	0.00
46		1,1'-Biphenyl	1.440	1.459	-1.3	128	0.00
47		2-Chloronaphthalene	1.129	1.137	-0.7	128	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	0.299	0.330	-10.4	138	0.00
49		Acenaphthylene	1.617	1.642	-1.5	130	0.00
50		Dimethylphthalate	1.301	1.328	-2.1	131	0.00
51		2,6-Dinitrotoluene	0.249	0.287	-15.3	143	0.00
52	C	Acenaphthene	1.114	1.132	-1.6	130	0.00
53		3-Nitroaniline	0.268	0.297	-10.8	138	0.00
54	P	2,4-Dinitrophenol	0.114	0.140	-22.8	150#	0.00
55		Dibenzofuran	1.602	1.603	-0.1	129	0.00
56	P	4-Nitrophenol	0.213	0.227	-6.6	133	0.00
57		2,4-Dinitrotoluene	0.339	0.368	-8.6	135	0.00
58		Fluorene	1.254	1.261	-0.6	128	0.00
59		2,3,4,6-Tetrachlorophenol	0.315	0.329	-4.4	131	0.00
60		Diethylphthalate	1.222	1.275	-4.3	133	0.00
61		4-Chlorophenyl-phenylether	0.636	0.636	0.0	128	0.00
62		4-Nitroaniline	0.254	0.272	-7.1	134	0.00
63		Azobenzene	1.080	1.099	-1.8	130	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	134	0.00
65		4,6-Dinitro-2-methylphenol	0.102	0.116	-13.7	146	0.00
66	c	n-Nitrosodiphenylamine	0.655	0.654	0.2	129	0.00
67		4-Bromophenyl-phenylether	0.241	0.248	-2.9	130	0.00
68		Hexachlorobenzene	0.255	0.258	-1.2	132	0.00
69		Atrazine	0.205	0.217	-5.9	141	0.00
70	C	Pentachlorophenol	0.154	0.162	-5.2	132	0.00
71		Phenanthrene	1.102	1.101	0.1	132	0.00
72		Anthracene	1.108	1.117	-0.8	132	0.00
73		Carbazole	0.907	0.924	-1.9	134	0.00
74		Di-n-butylphthalate	1.093	1.158	-5.9	139	0.00
75	C	Fluoranthene	1.012	1.002	1.0	133	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	120	0.00
77		Benzidine	0.652	0.629	3.5	115	0.00
78		Pyrene	1.599	1.712	-7.1	134	0.00
79	S	Terphenyl-d14	1.234	1.310	-6.2	134	0.00
80		Butylbenzylphthalate	0.501	0.570	-13.8	132	0.00
81		Benzo(a)anthracene	1.287	1.356	-5.4	130	0.00
82		3,3'-Dichlorobenzidine	0.396	0.410	-3.5	121	0.00
83		Chrysene	1.178	1.180	-0.2	119	0.00
84		Bis(2-ethylhexyl)phthalate	0.715	0.764	-6.9	121	0.00
85	c	Di-n-octyl phthalate	1.281	1.269	0.9	114	0.00
86	I	Perylene-d12	1.000	1.000	0.0	114	0.00
87		Indeno(1,2,3-cd)pyrene	1.365	1.355	0.7	107	0.00
88		Benzo(b)fluoranthene	1.191	1.234	-3.6	122	0.00
89		Benzo(k)fluoranthene	1.074	1.077	-0.3	105	0.00
90	C	Benzo(a)pyrene	1.046	1.081	-3.3	113	0.00
91		Dibenzo(a,h)anthracene	1.132	1.140	-0.7	109	0.00
92		Benzo(g,h,i)perylene	1.059	1.050	0.8	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_F Calibration Date(s): 09/16/2025 09/16/2025

Calibration Time(s): 11:23 14:45

LAB FILE ID: RRF2.5 = BF143767.D RRF005 = BF143768.D RRF010 = BF143769.D
RRF020 = BF143770.D RRF040 = BF143771.D RRF050 = BF143772.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.420	1.708	1.544	1.659	1.631	1.611	6.1
2-Fluorophenol	1.101	1.158	1.320	1.260	1.333	1.276	1.253	6.6
Phenol-d6	1.463	1.432	1.493	1.479	1.540	1.407	1.463	3.1
1,4-Dichlorobenzene		1.602	1.551	1.484	1.484	1.397	1.488	4.6
2-Methylphenol		1.001	1.036	1.038	1.027	0.930	1.011	3.7
3+4-Methylphenols			1.342	1.388	1.326	1.238	1.331	3.8
Nitrobenzene-d5	0.334	0.340	0.308	0.346	0.350	0.344	0.338	3.9
Hexachloroethane		0.509	0.451	0.459	0.443	0.481	0.466	4.8
Nitrobenzene		0.356	0.325	0.358	0.343	0.346	0.343	3.4
Hexachlorobutadiene		0.209	0.172	0.204	0.215	0.205	0.199	7.0
2,4,6-Trichlorophenol		0.379	0.364	0.411	0.435	0.402	0.407	6.7
2-Fluorobiphenyl	1.490	1.390	1.367	1.429	1.527	1.512	1.453	3.9
2,4,5-Trichlorophenol		0.371	0.368	0.399	0.430	0.438	0.407	7.1
2,4-Dinitrotoluene		0.363	0.325	0.429	0.371	0.358	0.377	9.0
2,4,6-Tribromophenol	0.178	0.197	0.165	0.216	0.211	0.199	0.202	11.1
Hexachlorobenzene		0.268	0.252	0.269	0.269	0.255	0.263	2.7
Pentachlorophenol			0.094	0.143	0.149	0.161	0.145	18.1
Terphenyl-d14	1.513	1.440	1.149	1.405	1.170	1.084	1.284	12.6

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-BF091625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 17 01:44:23 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143767.D 5 =BF143768.D 10 =BF143769.D 20 =BF143770.D 40 =BF143771.D 50 =BF143772.D 60 =BF143773.D 80 =BF1437
74.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.590	0.608	0.650	0.687	0.708	0.640	0.679	0.652	6.58
3)		Pyridine		1.420	1.708	1.544	1.659	1.631	1.634	1.681	1.611	6.13
4)		n-Nitrosodimet...			0.529	0.571	0.544	0.591	0.583	0.615	0.572	5.52
5)	S	2-Fluorophenol	1.101	1.158	1.320	1.260	1.333	1.276	1.261	1.313	1.253	6.55
6)		Aniline		1.916	1.827	1.977	1.971	1.872	1.908	1.917	1.913	2.74
7)	S	Phenol-d6	1.463	1.432	1.493	1.479	1.540	1.407	1.409	1.483	1.463	3.12
8)		2-Chlorophenol		1.344	1.488	1.348	1.358	1.336	1.240	1.333	1.350	5.39
9)		Benzaldehyde			1.086	0.908	0.650	0.978	1.041	0.758	0.903	18.73
10)	C	Phenol		1.602	1.704	1.602	1.604	1.592	1.556	1.734	1.628	4.00
11)		bis(2-Chloroet...		1.176	1.260	1.224	1.244	1.198	1.165	1.217	1.212	2.86
12)		1,3-Dichlorobe...		1.648	1.582	1.459	1.501	1.500	1.370	1.458	1.502	6.00
13)	C	1,4-Dichlorobe...		1.602	1.551	1.484	1.484	1.397	1.454	1.444	1.488	4.62
14)		1,2-Dichlorobe...		1.458	1.502	1.425	1.367	1.390	1.328	1.332	1.400	4.64
15)		Benzyl Alcohol			0.897	1.022	0.978	0.983	0.974	1.012	0.978	4.52
16)		2,2'-oxybis(1-...		1.362	1.504	1.351	1.347	1.270	1.299	1.316	1.350	5.58
17)		2-Methylphenol		1.001	1.036	1.038	1.027	0.930	1.019	1.026	1.011	3.72
18)		Hexachloroethane		0.509	0.451	0.459	0.443	0.481	0.458	0.459	0.466	4.81
19)	P	n-Nitroso-di-n...	0.915	0.795	0.872	0.874	0.852	0.784	0.846	0.861	0.850	5.04
20)		3+4-Methylphenols			1.342	1.388	1.326	1.238	1.347	1.346	1.331	3.77
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.464	0.438	0.506	0.488	0.483	0.470	0.456	0.472	4.76
23)	S	Nitrobenzene-d5	0.334	0.340	0.308	0.346	0.350	0.344	0.342	0.340	0.338	3.89
24)		Nitrobenzene		0.356	0.325	0.358	0.343	0.346	0.337	0.335	0.343	3.42
25)		Isophorone		0.672	0.550	0.639	0.593	0.591	0.631	0.609	0.612	6.46
26)	C	2-Nitrophenol		0.158	0.172	0.190	0.202	0.191	0.191	0.191	0.185	8.07
27)		2,4-Dimethylph...		0.304	0.252	0.288	0.294	0.296	0.311	0.308	0.293	6.83
28)		bis(2-Chloroet...		0.395	0.368	0.392	0.380	0.372	0.385	0.379	0.382	2.63
29)	C	2,4-Dichloroph...		0.263	0.269	0.291	0.300	0.297	0.297	0.300	0.288	5.42
30)		1,2,4-Trichlor...		0.311	0.307	0.326	0.309	0.312	0.310	0.299	0.311	2.63
31)		Naphthalene		1.037	0.975	1.039	1.043	1.025	1.022	1.010	1.022	2.30
32)		Benzoic acid			0.044	0.129	0.150	0.154	0.198	0.204	0.146	39.80
33)		4-Chloroaniline		0.327	0.325	0.340	0.360	0.339	0.355	0.339	0.341	3.83
34)	C	Hexachlorobuta...		0.209	0.172	0.204	0.215	0.205	0.196	0.194	0.199	6.97
35)		Caprolactam			0.052	0.076	0.064	0.068	0.078	0.078	0.069	14.91
36)	C	4-Chloro-3-met...		0.307	0.260	0.305	0.289	0.260	0.288	0.285	0.285	6.69
37)		2-Methylnaphth...		0.697	0.618	0.690	0.644	0.629	0.671	0.674	0.660	4.62
38)		1-Methylnaphth...		0.663	0.589	0.668	0.652	0.640	0.640	0.659	0.645	4.17

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...		0.533	0.564	0.618	0.658	0.640	0.605	0.605	0.603	7.14
41)	P	Hexachlorocycl...			0.275	0.298	0.361	0.364	0.337	0.342	0.330	10.84
42)	S	2,4,6-Tribromo...	0.178	0.197	0.165	0.216	0.211	0.199	0.235	0.214	0.202	11.13
43)	C	2,4,6-Trichlor...		0.379	0.364	0.411	0.435	0.402	0.432	0.427	0.407	6.71
44)		2,4,5-Trichlor...		0.371	0.368	0.399	0.430	0.438	0.408	0.433	0.407	7.10
45)	S	2-Fluorobiphenyl	1.490	1.390	1.367	1.429	1.527	1.512	1.464	1.443	1.453	3.90
46)		1,1'-Biphenyl		1.557	1.447	1.496	1.629	1.567	1.528	1.532	1.537	3.72
47)		2-Chloronaphth...		1.204	1.129	1.189	1.245	1.182	1.214	1.210	1.196	3.01
48)		2-Nitroaniline		0.303	0.291	0.321	0.317	0.304	0.338	0.318	0.313	4.92
49)		Acenaphthylene		1.604	1.550	1.737	1.753	1.660	1.751	1.710	1.681	4.71
50)		Dimethylphthalate		1.251	1.213	1.368	1.380	1.279	1.376	1.334	1.314	5.10
51)		2,6-Dinitrotol...		0.238	0.216	0.279	0.294	0.276	0.302	0.292	0.271	11.73
52)	C	Acenaphthene		1.048	1.015	1.155	1.182	1.122	1.198	1.166	1.126	6.17
53)		3-Nitroaniline		0.269	0.232	0.305	0.290	0.282	0.316	0.307	0.286	10.13
54)	P	2,4-Dinitrophenol			0.044	0.096	0.133	0.141	0.168	0.177	0.126	39.06
55)		Dibenzofuran		1.629	1.512	1.692	1.635	1.591	1.703	1.689	1.636	4.17
56)	P	4-Nitrophenol			0.145	0.231	0.208	0.213	0.252	0.248	0.216	18.08
57)		2,4-Dinitrotol...		0.363	0.325	0.429	0.371	0.358	0.402	0.392	0.377	8.99
58)		Fluorene		1.318	1.092	1.305	1.289	1.259	1.351	1.340	1.279	6.87
59)		2,3,4,6-Tetrac...		0.229	0.276	0.349	0.322	0.312	0.347	0.346	0.312	14.40
60)		Diethylphthalate		1.226	1.080	1.265	1.179	1.155	1.306	1.237	1.207	6.26
61)		4-Chlorophenyl...		0.658	0.590	0.623	0.639	0.649	0.677	0.656	0.642	4.43
62)		4-Nitroaniline		0.246	0.226	0.294	0.289	0.261	0.306	0.288	0.273	10.70
63)		Azobenzene		1.076	0.930	1.093	1.070	1.019	1.160	1.107	1.065	6.86
64)	I	Phenanthrene-d10	----------ISTD----------									
65)		4,6-Dinitro-2-...			0.069	0.117	0.120	0.130	0.147	0.144	0.121	23.34
66)	c	n-Nitrosodiphe...		0.683	0.705	0.686	0.740	0.711	0.673	0.687	0.698	3.26
67)		4-Bromophenyl-...		0.245	0.239	0.254	0.253	0.245	0.247	0.246	0.247	2.06
68)		Hexachlorobenzene		0.268	0.252	0.269	0.269	0.255	0.267	0.260	0.263	2.73
69)		Atrazine		0.185	0.202	0.228	0.211	0.202	0.218	0.205	0.207	6.60
70)	C	Pentachlorophenol			0.094	0.143	0.149	0.161	0.158	0.166	0.145	18.09
71)		Phenanthrene		1.197	1.125	1.188	1.181	1.087	1.152	1.139	1.153	3.43
72)		Anthracene		1.199	1.121	1.231	1.196	1.124	1.173	1.184	1.175	3.43
73)		Carbazole		0.973	0.891	0.993	0.984	0.922	0.973	0.970	0.958	3.88
74)		Di-n-butylphth...		1.126	1.106	1.249	1.181	1.137	1.192	1.157	1.164	4.12
75)	C	Fluoranthene		1.084	1.054	1.145	1.084	1.008	1.053	1.017	1.063	4.36
76)	I	Chrysene-d12	----------ISTD----------									
77)		Benzidine			0.684	0.609	0.681	0.625	0.494		0.619	12.52
78)		Pyrene		1.921	1.527	1.800	1.456	1.418	1.740	1.530	1.627	11.80
79)	S	Terphenyl-d14	1.513	1.440	1.149	1.405	1.170	1.084	1.349	1.163	1.284	12.55
80)		Butylbenzylpht...		0.512	0.540	0.593	0.569	0.559	0.597	0.567	0.562	5.26
81)		Benzo(a)anthra...		1.335	1.320	1.366	1.326	1.262	1.372	1.233	1.316	3.92
82)		3,3'-Dichlorob...			0.392	0.364	0.415	0.398	0.355	0.336	0.376	7.89
83)		Chrysene		1.269	1.280	1.211	1.178	1.207	1.161	1.098	1.201	5.24
84)		Bis(2-ethylhex...		0.729	0.797	0.717	0.797	0.778	0.771	0.752	0.763	4.12
85)	c	Di-n-octyl pht...			1.372	1.154	1.380	1.343	1.255	1.225	1.288	7.07

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.342	1.226	1.257	1.319	1.241	1.284	1.293	1.280	3.27
88)		Benzo(b)fluora...	1.315	1.192	1.249	1.169	1.221	1.253	1.270	1.238	3.98
89)		Benzo(k)fluora...	1.194	1.068	1.023	1.115	1.021	1.098	1.083	1.086	5.48
90)	C	Benzo(a)pyrene	1.138	1.104	1.035	1.074	1.014	1.064	1.042	1.067	4.00
91)		Dibenzo(a,h)an...	0.936	1.010	1.020	1.093	1.034	1.064	1.043	1.028	4.79
92)		Benzo(g,h,i)pe...	1.047	0.951	0.944	1.015	0.956	0.997	0.992	0.986	3.86

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143767.D
Acq On : 16 Sep 2025 11:23
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 16 16:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	9211	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	37291	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	19751	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	32987	20.000	ng	0.00
76) Chrysene-d12	14.063	240	18916	20.000	ng	-0.01
86) Perylene-d12	15.545	264	15882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2535	4.394	ng	-0.01
7) Phenol-d6	6.498	99	3369	5.000	ng	-0.03
23) Nitrobenzene-d5	7.445	82	3111	4.936	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	877	4.402	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	7359	5.129	ng	-0.01
79) Terphenyl-d14	13.004	244	7156	5.892	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.287	70	1054	2.692	ng	# 94

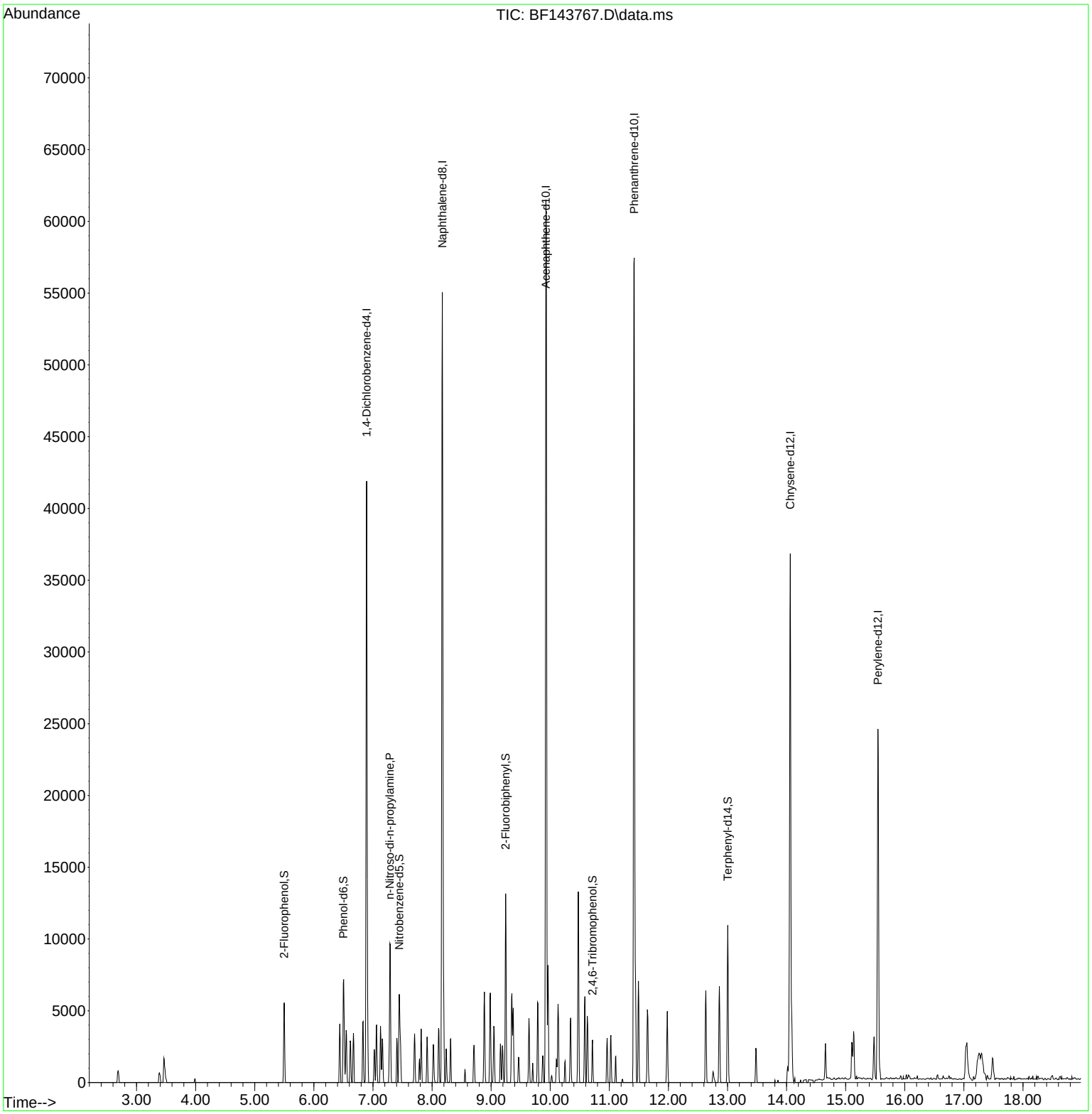
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143767.D
Acq On : 16 Sep 2025 11:23
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 16 16:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143768.D
Acq On : 16 Sep 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:05:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	8301	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	30207	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	16634	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	26556	20.000	ng	0.00
76) Chrysene-d12	14.063	240	16285	20.000	ng	-0.01
86) Perylene-d12	15.545	264	12900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4808	9.247	ng	-0.01
7) Phenol-d6	6.498	99	5945	9.790	ng	-0.03
23) Nitrobenzene-d5	7.445	82	5133	10.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	1635	9.745	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	11561	9.568	ng	-0.01
79) Terphenyl-d14	13.004	244	11726	11.215	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	1224	4.525	ng	# 87
3) Pyridine	3.446	79	2947	4.408	ng	93
6) Aniline	6.546	93	3977	5.010	ng	95
8) 2-Chlorophenol	6.669	128	2789	4.979	ng	98
10) Phenol	6.516	94	3324	4.920	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	2440	4.851	ng	97
12) 1,3-Dichlorobenzene	6.834	146	3419	5.483	ng	88
13) 1,4-Dichlorobenzene	6.910	146	3325	5.383	ng	91
14) 1,2-Dichlorobenzene	7.063	146	3026m	5.207	ng	
16) 2,2'-oxybis(1-Chloropr...	7.157	45	2826	5.045	ng	92
17) 2-Methylphenol	7.128	107	2078	4.951	ng	# 91
18) Hexachloroethane	7.404	117	1057	5.468	ng	# 77
19) n-Nitroso-di-n-propyla...	7.293	70	1650	4.677	ng	# 84
22) Acetophenone	7.293	105	3504	4.913	ng	96
24) Nitrobenzene	7.463	77	2686	5.189	ng	92
25) Isophorone	7.704	82	5075	5.489	ng	# 97
26) 2-Nitrophenol	7.787	139	1193	4.269	ng	91
27) 2,4-Dimethylphenol	7.816	122	2298	5.185	ng	94
28) bis(2-Chloroethoxy)met...	7.916	93	2984	5.178	ng	# 93
29) 2,4-Dichlorophenol	8.022	162	1984	4.560	ng	91
30) 1,2,4-Trichlorobenzene	8.110	180	2345	5.000	ng	87
31) Naphthalene	8.192	128	7831	5.076	ng	98
33) 4-Chloroaniline	8.240	127	2469	4.797	ng	94
34) Hexachlorobutadiene	8.316	225	1577	5.244	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	2317	5.387	ng	# 95
37) 2-Methylnaphthalene	8.887	142	5260	5.274	ng	93
38) 1-Methylnaphthalene	8.987	142	5008	5.144	ng	93
40) 1,2,4,5-Tetrachloroben...	9.051	216	2216	4.417	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	1576	4.653	ng	89
44) 2,4,5-Trichlorophenol	9.192	196	1544	4.563	ng	93
46) 1,1'-Biphenyl	9.351	154	6475	5.067	ng	94
47) 2-Chloronaphthalene	9.375	162	5005	5.031	ng	99
48) 2-Nitroaniline	9.463	65	1262	4.842	ng	89
49) Acenaphthylene	9.787	152	6670	4.771	ng	99
50) Dimethylphthalate	9.639	163	5203	4.759	ng	99
51) 2,6-Dinitrotoluene	9.704	165	990	4.393	ng	90

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143768.D
Acq On : 16 Sep 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:05:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.963	154	4359	4.653	ng	#	95
53) 3-Nitroaniline	9.875	138	1118	4.704	ng	#	97
55) Dibenzofuran	10.134	168	6776	4.980	ng		93
57) 2,4-Dinitrotoluene	10.104	165	1508	4.808	ng	#	94
58) Fluorene	10.475	166	5481	5.152	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.251	232	952	3.673	ng	#	71
60) Diethylphthalate	10.345	149	5097	5.078	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	2736	5.127	ng		95
62) 4-Nitroaniline	10.481	138	1024	4.510	ng		95
63) Azobenzene	10.628	77	4476	5.053	ng		99
66) n-Nitrosodiphenylamine	10.586	169	4536	4.894	ng	#	95
67) 4-Bromophenyl-phenylether	10.963	248	1628	4.962	ng	#	82
68) Hexachlorobenzene	11.028	284	1778	5.093	ng	#	89
69) Atrazine	11.110	200	1226	4.454	ng		98
71) Phenanthrene	11.439	178	7948	5.193	ng		97
72) Anthracene	11.492	178	7959	5.100	ng		96
73) Carbazole	11.645	167	6462	5.079	ng		100
74) Di-n-butylphthalate	11.980	149	7476	4.837	ng	#	98
75) Fluoranthene	12.633	202	7198	5.098	ng		96
78) Pyrene	12.863	202	7820	5.901	ng		97
80) Butylbenzylphthalate	13.480	149	2086	4.555	ng		94
81) Benzo(a)anthracene	14.051	228	5435	5.072	ng		97
83) Chrysene	14.086	228	5167	5.286	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	2969	4.778	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.039	276	4327	5.240	ng	#	93
88) Benzo(b)fluoranthene	15.104	252	4242	5.311	ng	#	92
89) Benzo(k)fluoranthene	15.133	252	3851	5.498	ng		98
90) Benzo(a)pyrene	15.480	252	3670	5.332	ng		95
91) Dibenzo(a,h)anthracene	17.057	278	3020	4.553	ng	#	92
92) Benzo(g,h,i)perylene	17.486	276	3378	5.312	ng		96

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

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143768.D
Acq On : 16 Sep 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

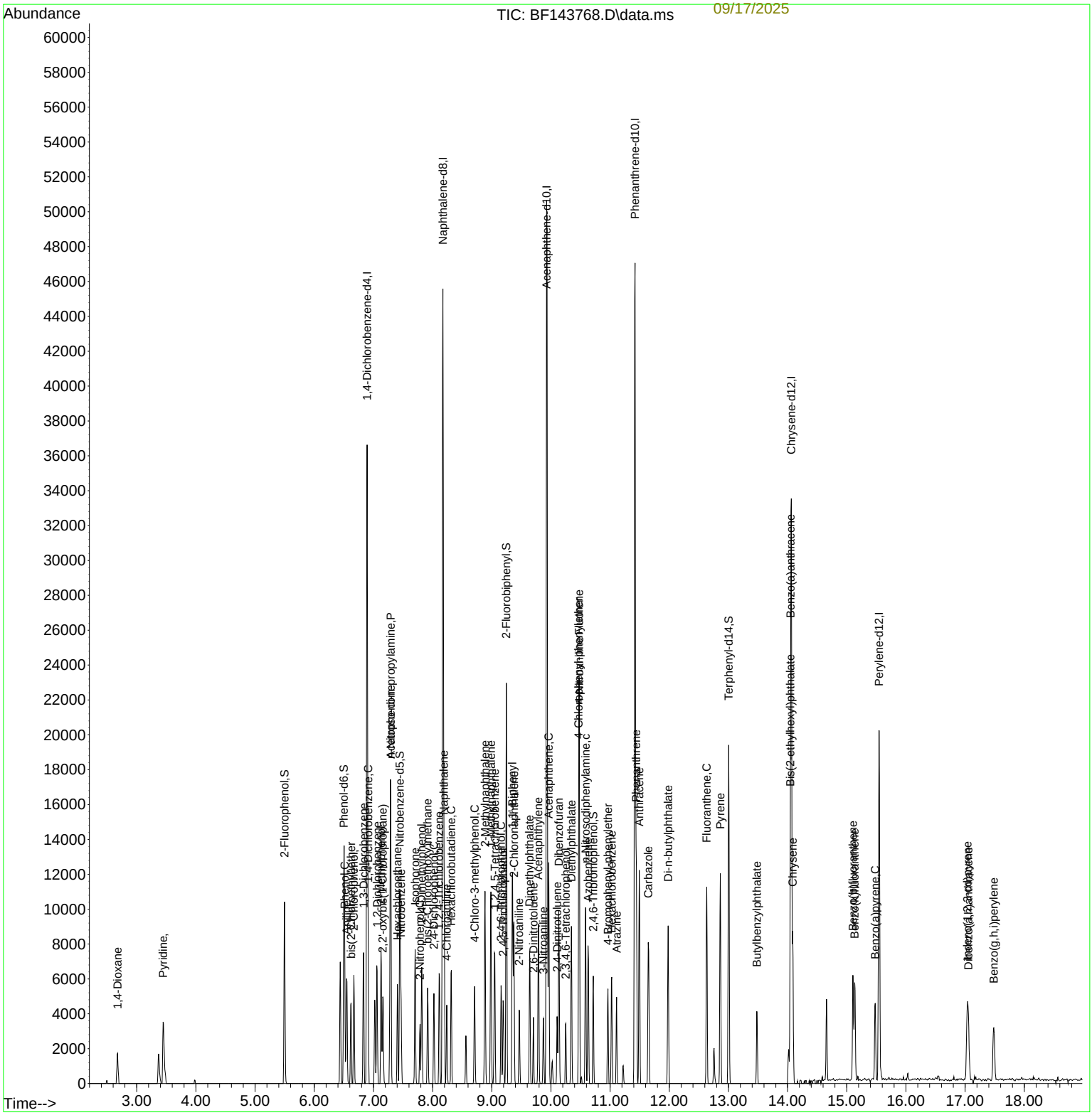
Quant Time: Sep 16 16:05:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/17/2025

Supervised By :Jagrut Upadhyay
09/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143769.D
Acq On : 16 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	5934	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	23178	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	11754	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	16437	20.000	ng		0.00
76) Chrysene-d12	14.063	240	11822	20.000	ng		-0.01
86) Perylene-d12	15.545	264	12046	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	7833	21.074	ng		-0.01
7) Phenol-d6	6.504	99	8859	20.407	ng		-0.02
23) Nitrobenzene-d5	7.445	82	7134	18.213	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	1936	16.330	ng		-0.02
45) 2-Fluorobiphenyl	9.245	172	16067	18.818	ng		-0.01
79) Terphenyl-d14	13.004	244	13586	17.899	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	1804	9.329	ng		95
3) Pyridine	3.428	79	5068	10.604	ng		97
4) n-Nitrosodimethylamine	3.352	42	1569	9.243	ng	#	96
6) Aniline	6.551	93	5422	9.555	ng		99
8) 2-Chlorophenol	6.669	128	4415	11.025	ng		97
9) Benzaldehyde	6.440	77	3221	12.017	ng		93
10) Phenol	6.516	94	5055m	10.467	ng		
11) bis(2-Chloroethyl)ether	6.622	93	3738	10.396	ng		94
12) 1,3-Dichlorobenzene	6.834	146	4694	10.530	ng		99
13) 1,4-Dichlorobenzene	6.910	146	4603	10.424	ng		97
14) 1,2-Dichlorobenzene	7.063	146	4455	10.724	ng		97
15) Benzyl Alcohol	7.022	79	2660	9.170	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	4462	11.142	ng		99
17) 2-Methylphenol	7.134	107	3073	10.243	ng		95
18) Hexachloroethane	7.404	117	1338	9.682	ng		91
19) n-Nitroso-di-n-propyla...	7.292	70	2586	10.254	ng		93
20) 3+4-Methylphenols	7.281	107	3981	10.081	ng	#	84
22) Acetophenone	7.292	105	5072	9.268	ng	#	92
24) Nitrobenzene	7.469	77	3765	9.479	ng		97
25) Isophorone	7.704	82	6371	8.980	ng		99
26) 2-Nitrophenol	7.787	139	1992	9.290	ng		94
27) 2,4-Dimethylphenol	7.816	122	2920	8.587	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	4264	9.642	ng		98
29) 2,4-Dichlorophenol	8.022	162	3116	9.333	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	3554	9.876	ng		96
31) Naphthalene	8.192	128	11298	9.543	ng		99
32) Benzoic acid	7.881	122	505	9.409	ng	#	86
33) 4-Chloroaniline	8.239	127	3764	9.531	ng		98
34) Hexachlorobutadiene	8.316	225	1997	8.655	ng	#	89
35) Caprolactam	8.569	113	602	7.482	ng		89
36) 4-Chloro-3-methylphenol	8.710	107	3015	9.135	ng		97
37) 2-Methylnaphthalene	8.886	142	7157	9.353	ng		94
38) 1-Methylnaphthalene	8.986	142	6823	9.134	ng		94
40) 1,2,4,5-Tetrachloroben...	9.051	216	3312	9.341	ng		94
41) Hexachlorocyclopentadiene	9.039	237	1616	8.341	ng		94
43) 2,4,6-Trichlorophenol	9.157	196	2140	8.942	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143769.D
Acq On : 16 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	2164	9.051	ng		94
46) 1,1'-Biphenyl	9.351	154	8502	9.415	ng		99
47) 2-Chloronaphthalene	9.375	162	6633	9.437	ng		96
48) 2-Nitroaniline	9.463	65	1709	9.279	ng		88
49) Acenaphthylene	9.792	152	9110	9.222	ng		94
50) Dimethylphthalate	9.639	163	7128	9.227	ng		97
51) 2,6-Dinitrotoluene	9.704	165	1272	7.987	ng		93
52) Acenaphthene	9.963	154	5967	9.013	ng		92
53) 3-Nitroaniline	9.875	138	1361	8.104	ng	#	89
54) 2,4-Dinitrophenol	9.980	184	261	10.061	ng	#	79
55) Dibenzofuran	10.133	168	8886	9.243	ng		97
56) 4-Nitrophenol	10.022	139	855	6.722	ng		87
57) 2,4-Dinitrotoluene	10.104	165	1910	8.618	ng	#	96
58) Fluorene	10.480	166	6420	8.541	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.251	232	1622	8.856	ng	#	90
60) Diethylphthalate	10.345	149	6346	8.947	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	3467	9.194	ng		95
62) 4-Nitroaniline	10.480	138	1328	8.278	ng		96
63) Azobenzene	10.628	77	5465	8.731	ng		95
65) 4,6-Dinitro-2-methylph...	10.516	198	568	10.094	ng		88
66) n-Nitrosodiphenylamine	10.586	169	5795	10.102	ng		94
67) 4-Bromophenyl-phenylether	10.963	248	1964	9.671	ng	#	91
68) Hexachlorobenzene	11.027	284	2074	9.599	ng		97
69) Atrazine	11.110	200	1661	9.749	ng		93
70) Pentachlorophenol	11.222	266	776	6.505	ng	#	88
71) Phenanthrene	11.445	178	9247	9.761	ng		99
72) Anthracene	11.492	178	9213	9.537	ng		95
73) Carbazole	11.645	167	7324	9.301	ng		98
74) Di-n-butylphthalate	11.980	149	9091	9.504	ng		97
75) Fluoranthene	12.633	202	8662	9.911	ng		94
77) Benzidine	12.757	184	4045	11.061	ng		94
78) Pyrene	12.863	202	9028	9.385	ng		93
80) Butylbenzylphthalate	13.480	149	3189	9.592	ng		91
81) Benzo(a)anthracene	14.051	228	7800	10.027	ng		96
82) 3,3'-Dichlorobenzidine	14.016	252	2315	10.402	ng	#	89
83) Chrysene	14.086	228	7564	10.659	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	4712	10.446	ng	#	94
85) Di-n-octyl phthalate	14.657	149	8108	10.648	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	7382	9.574	ng		100
88) Benzo(b)fluoranthene	15.110	252	7180	9.626	ng		99
89) Benzo(k)fluoranthene	15.139	252	6433	9.836	ng		99
90) Benzo(a)pyrene	15.480	252	6651	10.347	ng		96
91) Dibenzo(a,h)anthracene	17.057	278	6081	9.817	ng		98
92) Benzo(g,h,i)perylene	17.492	276	5728	9.646	ng		97

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

ICAL Form

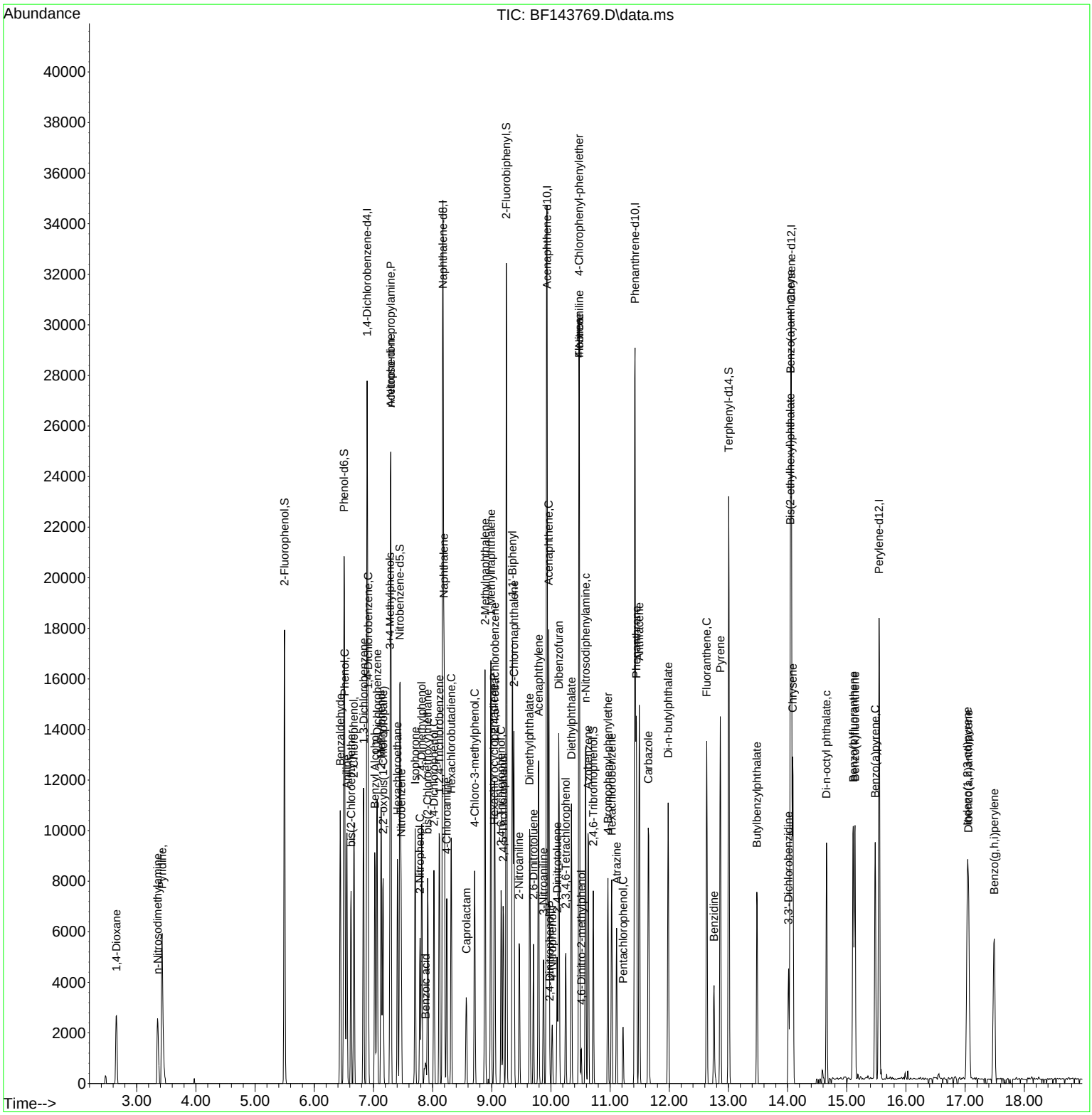
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143769.D
Acq On : 16 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 16 16:06:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143770.D
Acq On : 16 Sep 2025 12:50
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 16 16:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	6887	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	24636	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	13495	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	21528	20.000	ng		0.00
76) Chrysene-d12	14.063	240	13745	20.000	ng		-0.01
86) Perylene-d12	15.545	264	11715	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	17362	40.247	ng		-0.01
7) Phenol-d6	6.504	99	20368	40.426	ng		-0.02
23) Nitrobenzene-d5	7.451	82	17064	40.985	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	5822	42.774	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	38580	39.356	ng		0.00
79) Terphenyl-d14	13.010	244	38620	43.761	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	4477	19.948	ng		93
3) Pyridine	3.434	79	10632	19.167	ng		89
4) n-Nitrosodimethylamine	3.375	42	3935	19.974	ng		97
6) Aniline	6.551	93	13613	20.670	ng		98
8) 2-Chlorophenol	6.675	128	9286	19.981	ng		98
9) Benzaldehyde	6.440	77	6256	20.111	ng		93
10) Phenol	6.522	94	11279m	20.123	ng		
11) bis(2-Chloroethyl)ether	6.622	93	8430	20.202	ng		98
12) 1,3-Dichlorobenzene	6.834	146	10046	19.417	ng		97
13) 1,4-Dichlorobenzene	6.910	146	10222	19.946	ng		94
14) 1,2-Dichlorobenzene	7.063	146	9815	20.356	ng		99
15) Benzyl Alcohol	7.028	79	7036	20.900	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	9302	20.014	ng		98
17) 2-Methylphenol	7.134	107	7148	20.529	ng		94
18) Hexachloroethane	7.404	117	3160	19.703	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	6021	20.571	ng		96
20) 3+4-Methylphenols	7.287	107	9559	20.857	ng		84
22) Acetophenone	7.298	105	12470	21.439	ng	#	98
24) Nitrobenzene	7.469	77	8824	20.901	ng		96
25) Isophorone	7.710	82	15737	20.869	ng		95
26) 2-Nitrophenol	7.787	139	4685	20.556	ng		94
27) 2,4-Dimethylphenol	7.816	122	7107	19.662	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	9665	20.563	ng		96
29) 2,4-Dichlorophenol	8.028	162	7169	20.201	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	8038	21.014	ng		92
31) Naphthalene	8.198	128	25585	20.332	ng		99
32) Benzoic acid	7.881	122	3168	21.924	ng	#	84
33) 4-Chloroaniline	8.239	127	8387	19.981	ng		93
34) Hexachlorobutadiene	8.316	225	5015	20.449	ng		93
35) Caprolactam	8.586	113	1879	21.972	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	7525	21.450	ng		97
37) 2-Methylnaphthalene	8.886	142	16992	20.891	ng		98
38) 1-Methylnaphthalene	8.986	142	16457	20.728	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	8340	20.488	ng		96
41) Hexachlorocyclopentadiene	9.039	237	4025	18.095	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	5549	20.195	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143770.D
Acq On : 16 Sep 2025 12:50
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 16 16:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	5389	19.632	ng		94
46) 1,1'-Biphenyl	9.351	154	20195	19.478	ng		99
47) 2-Chloronaphthalene	9.375	162	16050	19.888	ng		96
48) 2-Nitroaniline	9.469	65	4333	20.491	ng		93
49) Acenaphthylene	9.792	152	23446	20.673	ng		95
50) Dimethylphthalate	9.645	163	18464	20.817	ng		97
51) 2,6-Dinitrotoluene	9.710	165	3765	20.592	ng		95
52) Acenaphthene	9.963	154	15583	20.502	ng		96
53) 3-Nitroaniline	9.875	138	4112	21.326	ng		99
54) 2,4-Dinitrophenol	9.980	184	1292	20.017	ng	#	77
55) Dibenzofuran	10.133	168	22828	20.682	ng		97
56) 4-Nitrophenol	10.022	139	3122	21.379	ng		98
57) 2,4-Dinitrotoluene	10.110	165	5796	22.778	ng		93
58) Fluorene	10.480	166	17615	20.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	4714	22.417	ng	#	94
60) Diethylphthalate	10.351	149	17075	20.968	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	8401	19.405	ng		93
62) 4-Nitroaniline	10.486	138	3963	21.516	ng		94
63) Azobenzene	10.633	77	14747	20.521	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	2511	20.818	ng		87
66) n-Nitrosodiphenylamine	10.586	169	14776	19.667	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	5465	20.547	ng		91
68) Hexachlorobenzene	11.027	284	5800	20.495	ng		94
69) Atrazine	11.116	200	4914	22.022	ng		96
70) Pentachlorophenol	11.222	266	3074	19.674	ng		93
71) Phenanthrene	11.445	178	25567	20.606	ng		99
72) Anthracene	11.498	178	26503	20.947	ng		100
73) Carbazole	11.651	167	21380	20.731	ng		99
74) Di-n-butylphthalate	11.980	149	26880	21.455	ng		99
75) Fluoranthene	12.633	202	24642	21.527	ng		99
77) Benzidine	12.757	184	8369	19.684	ng		98
78) Pyrene	12.863	202	24746	22.126	ng		97
80) Butylbenzylphthalate	13.486	149	8148	21.078	ng		99
81) Benzo(a)anthracene	14.057	228	18772	20.755	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	5000	19.324	ng	#	85
83) Chrysene	14.092	228	16649	20.179	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	9860	18.801	ng	#	99
85) Di-n-octyl phthalate	14.663	149	15865	17.920	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	14724	19.636	ng		97
88) Benzo(b)fluoranthene	15.110	252	14632	20.172	ng		99
89) Benzo(k)fluoranthene	15.139	252	11982	18.837	ng		99
90) Benzo(a)pyrene	15.486	252	12124	19.395	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	11946	19.830	ng		97
92) Benzo(g,h,i)perylene	17.498	276	11056	19.145	ng		95

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

ICAL Form

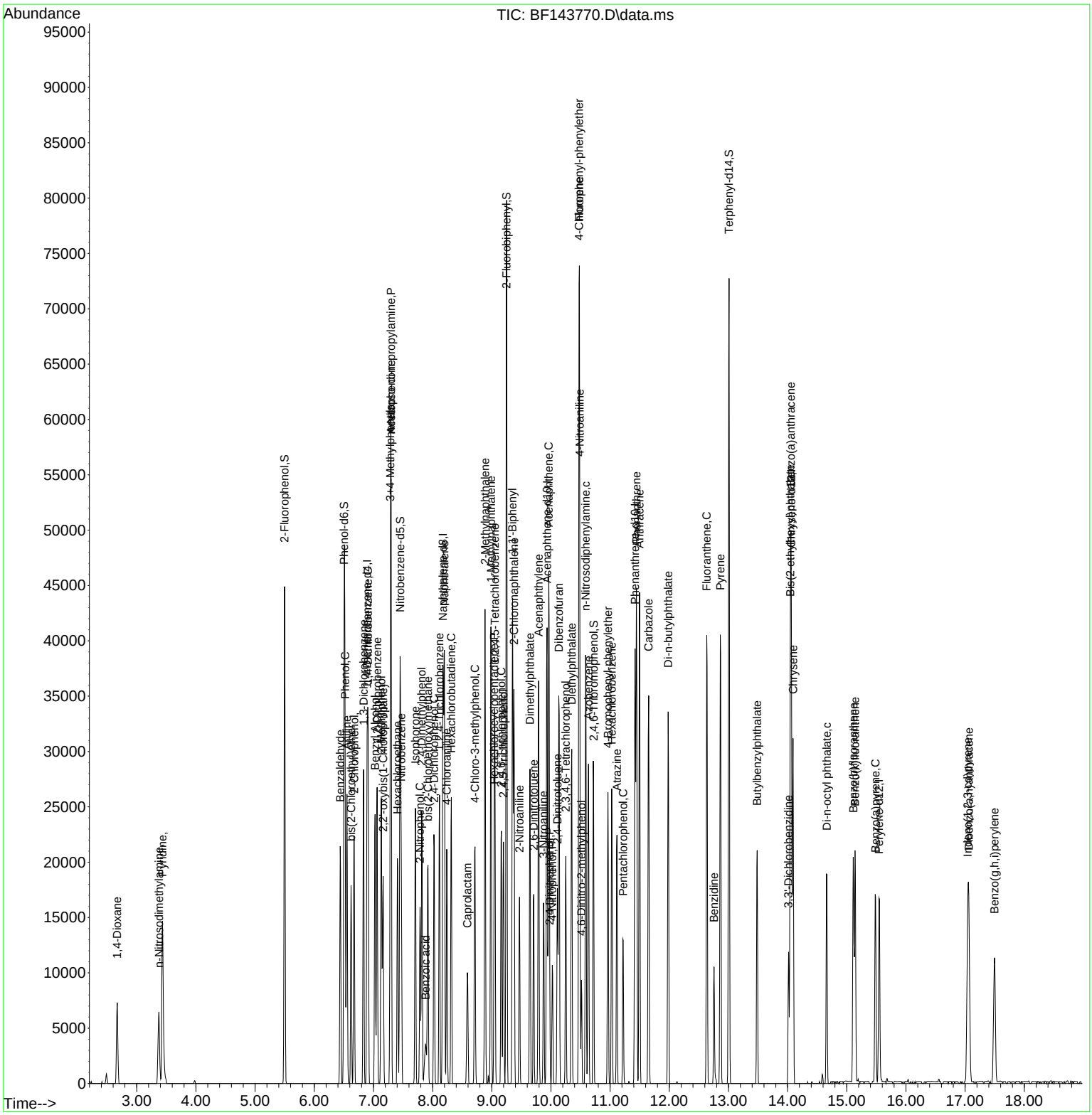
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143770.D
Acq On : 16 Sep 2025 12:50
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 16:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	5123	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	18088	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	8844	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	13259	20.000	ng	0.00
76) Chrysene-d12	14.069	240	9965	20.000	ng	0.00
86) Perylene-d12	15.551	264	10181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	27306	85.094	ng	-0.01
7) Phenol-d6	6.510	99	31562	84.214	ng	-0.02
23) Nitrobenzene-d5	7.457	82	25336	82.882	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	7475	83.799	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	54027	84.098	ng	0.00
79) Terphenyl-d14	13.010	244	46617	72.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	7036	42.144	ng	100
3) Pyridine	3.422	79	16998	41.194	ng	100
4) n-Nitrosodimethylamine	3.363	42	5571	38.016	ng	100
6) Aniline	6.551	93	20191	41.214	ng	100
8) 2-Chlorophenol	6.675	128	13910	40.236	ng	100
9) Benzaldehyde	6.446	77	6659	28.777	ng	100
10) Phenol	6.528	94	16431m	39.408	ng	
11) bis(2-Chloroethyl)ether	6.628	93	12744	41.055	ng	100
12) 1,3-Dichlorobenzene	6.834	146	15378	39.957	ng	100
13) 1,4-Dichlorobenzene	6.910	146	15209	39.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	14008	39.057	ng	100
15) Benzyl Alcohol	7.028	79	10025	40.032	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	13801	39.918	ng	100
17) 2-Methylphenol	7.134	107	10525	40.636	ng	100
18) Hexachloroethane	7.410	117	4540	38.055	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	8734	40.115	ng	100
20) 3+4-Methylphenols	7.293	107	13582	39.838	ng	100
22) Acetophenone	7.304	105	17650	41.329	ng	100
24) Nitrobenzene	7.475	77	12395	39.987	ng	100
25) Isophorone	7.710	82	21469	38.777	ng	100
26) 2-Nitrophenol	7.792	139	7323	43.762	ng	100
27) 2,4-Dimethylphenol	7.822	122	10629	40.052	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	13731	39.789	ng	100
29) 2,4-Dichlorophenol	8.028	162	10842	41.611	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	11191	39.848	ng	100
31) Naphthalene	8.198	128	37739	40.848	ng	100
32) Benzoic acid	7.904	122	5323	38.555	ng	100
33) 4-Chloroaniline	8.239	127	13020	42.247	ng	100
34) Hexachlorobutadiene	8.316	225	7776	43.185	ng	100
35) Caprolactam	8.604	113	2310	36.790	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	10446	40.555	ng	100
37) 2-Methylnaphthalene	8.887	142	23310	39.033	ng	100
38) 1-Methylnaphthalene	8.986	142	23595	40.478	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	11640	43.633	ng	100
41) Hexachlorocyclopentadiene	9.039	237	6393	43.855	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	7687	42.688	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7604	42.270	ng		100
46) 1,1'-Biphenyl	9.351	154	28814	42.407	ng		100
47) 2-Chloronaphthalene	9.381	162	22022	41.639	ng		100
48) 2-Nitroaniline	9.469	65	5615	40.518	ng		100
49) Acenaphthylene	9.792	152	31004	41.713	ng		100
50) Dimethylphthalate	9.645	163	24408	41.991	ng		100
51) 2,6-Dinitrotoluene	9.710	165	5199	43.388	ng		100
52) Acenaphthene	9.969	154	20903	41.963	ng		100
53) 3-Nitroaniline	9.881	138	5123	40.542	ng		100
54) 2,4-Dinitrophenol	9.981	184	2348	39.660	ng		100
55) Dibenzofuran	10.139	168	28915	39.973	ng		100
56) 4-Nitrophenol	10.028	139	3671	38.358	ng		100
57) 2,4-Dinitrotoluene	10.110	165	6560	39.338	ng		100
58) Fluorene	10.481	166	22792	40.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5700	41.360	ng	#	100
60) Diethylphthalate	10.351	149	20846	39.062	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	11301	39.831	ng		100
62) 4-Nitroaniline	10.492	138	5119	42.408	ng		100
63) Azobenzene	10.633	77	18932	40.198	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	3195	37.063	ng		100
66) n-Nitrosodiphenylamine	10.592	169	19635	42.434	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	6709	40.955	ng		100
68) Hexachlorobenzene	11.028	284	7140	40.964	ng		100
69) Atrazine	11.116	200	5586	40.647	ng		100
70) Pentachlorophenol	11.222	266	3939	40.932	ng		100
71) Phenanthrene	11.445	178	31330	40.999	ng		100
72) Anthracene	11.498	178	31726	40.714	ng		100
73) Carbazole	11.651	167	26105	41.098	ng		100
74) Di-n-butylphthalate	11.980	149	31316	40.584	ng		100
75) Fluoranthene	12.633	202	28741	40.767	ng		100
77) Benzidine	12.757	184	13576	44.043	ng		100
78) Pyrene	12.869	202	29023	35.794	ng		100
80) Butylbenzylphthalate	13.486	149	11332	40.435	ng		100
81) Benzo(a)anthracene	14.057	228	26423	40.296	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	8265	44.059	ng		100
83) Chrysene	14.092	228	23473	39.242	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	15883	41.773	ng		100
85) Di-n-octyl phthalate	14.663	149	27511	42.862	ng		100
87) Indeno(1,2,3-cd)pyrene	17.057	276	26852	41.206	ng		100
88) Benzo(b)fluoranthene	15.116	252	23794	37.745	ng		100
89) Benzo(k)fluoranthene	15.145	252	22704	41.072	ng		100
90) Benzo(a)pyrene	15.486	252	21860	40.238	ng		100
91) Dibenzo(a,h)anthracene	17.074	278	22249	42.497	ng		100
92) Benzo(g,h,i)perylene	17.509	276	20665	41.175	ng		100

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

ICAL Form

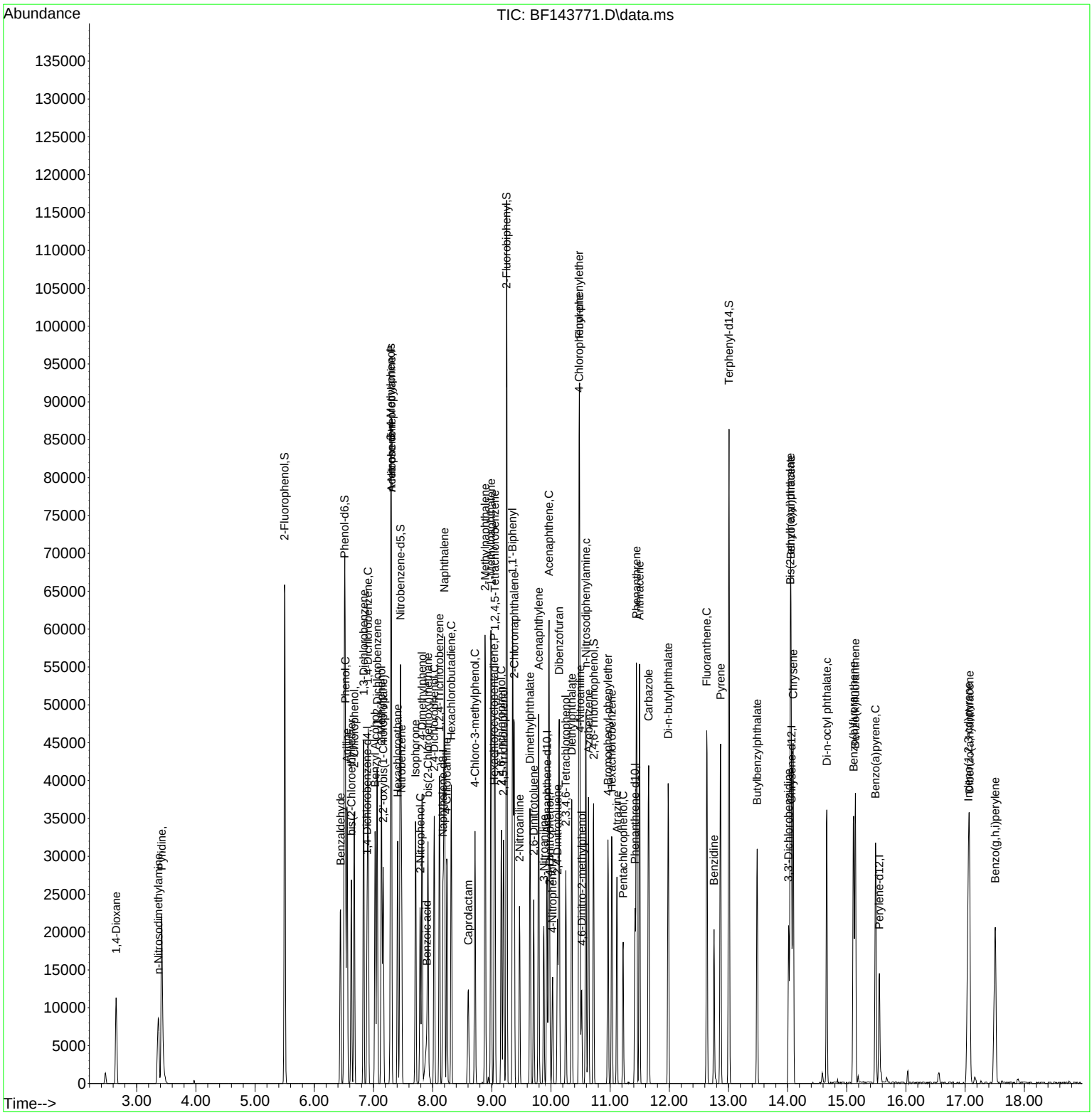
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143772.D
Acq On : 16 Sep 2025 13:48
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 16:06:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5612	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	19400	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	9345	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	14115	20.000	ng	0.00
76) Chrysene-d12	14.068	240	10560	20.000	ng	0.00
86) Perylene-d12	15.551	264	11012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	35792	101.820	ng	0.00
7) Phenol-d6	6.516	99	39472	96.142	ng	-0.01
23) Nitrobenzene-d5	7.457	82	33370	101.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	9284	98.499	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	70642	104.066	ng	0.00
79) Terphenyl-d14	13.010	244	57212	84.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	9934	54.318	ng	97
3) Pyridine	3.422	79	22876	50.609	ng	98
4) n-Nitrosodimethylamine	3.375	42	8291	51.647	ng	99
6) Aniline	6.557	93	26259	48.929	ng	98
8) 2-Chlorophenol	6.675	128	18750	49.510	ng	98
9) Benzaldehyde	6.445	77	13721	54.129	ng	95
10) Phenol	6.528	94	22333m	48.897	ng	
11) bis(2-Chloroethyl)ether	6.628	93	16803	49.415	ng	98
12) 1,3-Dichlorobenzene	6.834	146	21039	49.903	ng	97
13) 1,4-Dichlorobenzene	6.910	146	19606	46.949	ng	95
14) 1,2-Dichlorobenzene	7.063	146	19497	49.624	ng	100
15) Benzyl Alcohol	7.034	79	13791	50.272	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	17812	47.030	ng	99
17) 2-Methylphenol	7.139	107	13053	46.005	ng	94
18) Hexachloroethane	7.410	117	6745	51.611	ng	92
19) n-Nitroso-di-n-propyla...	7.310	70	10999	46.116	ng	97
20) 3+4-Methylphenols	7.292	107	17365	46.496	ng	90
22) Acetophenone	7.304	105	23433	51.160	ng	95
24) Nitrobenzene	7.475	77	16765	50.427	ng	97
25) Isophorone	7.716	82	28647	48.243	ng	98
26) 2-Nitrophenol	7.792	139	9255	51.568	ng	96
27) 2,4-Dimethylphenol	7.822	122	14349	50.413	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	18035	48.726	ng	98
29) 2,4-Dichlorophenol	8.028	162	14425	51.618	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	15129	50.227	ng	96
31) Naphthalene	8.198	128	49721	50.177	ng	98
32) Benzoic acid	7.916	122	7452m	46.597	ng	
33) 4-Chloroaniline	8.245	127	16442	49.743	ng	97
34) Hexachlorobutadiene	8.316	225	9927	51.403	ng	99
35) Caprolactam	8.616	113	3312	49.181	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	12594	45.588	ng	97
37) 2-Methylnaphthalene	8.892	142	30488	47.601	ng	95
38) 1-Methylnaphthalene	8.986	142	31060	49.680	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	14957	53.061	ng	99
41) Hexachlorocyclopentadiene	9.045	237	8505	55.215	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	9396	49.381	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143772.D
Acq On : 16 Sep 2025 13:48
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	10234	53.840	ng	#	88
46) 1,1'-Biphenyl	9.357	154	36600	50.978	ng		98
47) 2-Chloronaphthalene	9.380	162	27607	49.400	ng		98
48) 2-Nitroaniline	9.469	65	7101	48.494	ng		96
49) Acenaphthylene	9.792	152	38787	49.387	ng		98
50) Dimethylphthalate	9.651	163	29884	48.656	ng		100
51) 2,6-Dinitrotoluene	9.716	165	6443	50.887	ng		96
52) Acenaphthene	9.969	154	26205	49.787	ng		90
53) 3-Nitroaniline	9.880	138	6580	49.280	ng		94
54) 2,4-Dinitrophenol	9.986	184	3284	48.388	ng	#	40
55) Dibenzofuran	10.139	168	37162	48.620	ng		98
56) 4-Nitrophenol	10.027	139	4987	49.315	ng		97
57) 2,4-Dinitrotoluene	10.116	165	8365	47.473	ng		96
58) Fluorene	10.480	166	29404	49.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	7286	50.034	ng	#	94
60) Diethylphthalate	10.351	149	26978	47.842	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	15157	50.557	ng		99
62) 4-Nitroaniline	10.498	138	6093	47.770	ng		96
63) Azobenzene	10.633	77	23808	47.841	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	4572	47.900	ng		93
66) n-Nitrosodiphenylamine	10.592	169	25077	50.908	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	8646	49.578	ng		93
68) Hexachlorobenzene	11.033	284	8990	48.450	ng		94
69) Atrazine	11.116	200	7142	48.817	ng		99
70) Pentachlorophenol	11.221	266	5682	55.463	ng		90
71) Phenanthrene	11.445	178	38341	47.131	ng		99
72) Anthracene	11.498	178	39661	47.810	ng		98
73) Carbazole	11.651	167	32535	48.115	ng		100
74) Di-n-butylphthalate	11.986	149	40110	48.829	ng		99
75) Fluoranthene	12.639	202	35564	47.385	ng		97
77) Benzidine	12.757	184	16507	50.535	ng		98
78) Pyrene	12.868	202	37429	43.560	ng		94
80) Butylbenzylphthalate	13.486	149	14759	49.696	ng		98
81) Benzo(a)anthracene	14.057	228	33310	47.936	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	10502	52.830	ng		96
83) Chrysene	14.098	228	31854	50.253	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	20540	50.978	ng		98
85) Di-n-octyl phthalate	14.662	149	35450	52.119	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	34154	48.456	ng		97
88) Benzo(b)fluoranthene	15.115	252	33618	49.304	ng		98
89) Benzo(k)fluoranthene	15.151	252	28102m	47.001	ng		
90) Benzo(a)pyrene	15.492	252	27922	47.518	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	28467	50.271	ng		95
92) Benzo(g,h,i)perylene	17.515	276	26306	48.460	ng		99

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

ICAL Form

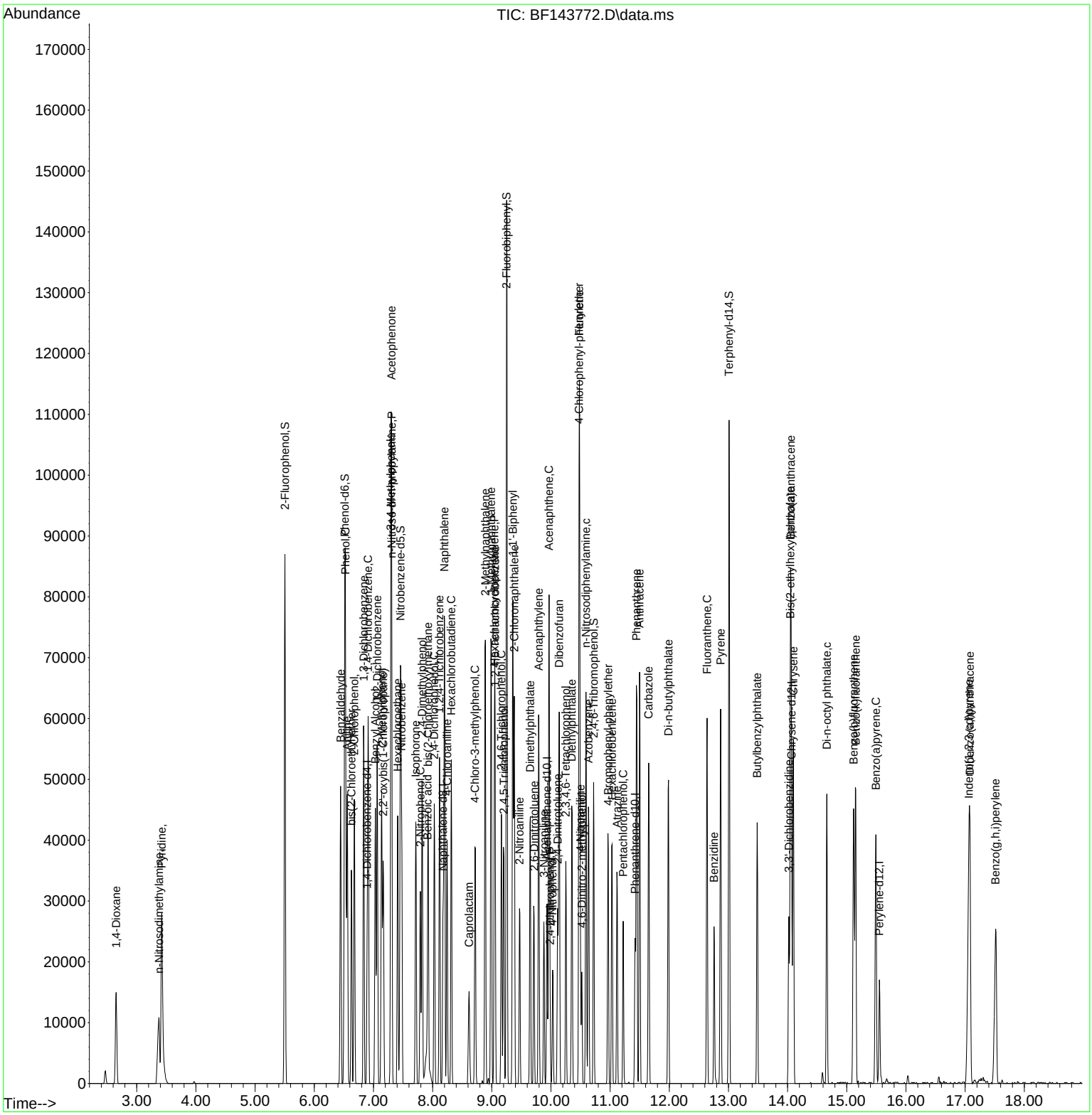
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143772.D
Acq On : 16 Sep 2025 13:48
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 16:06:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143773.D
Acq On : 16 Sep 2025 14:17
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	5625	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	19857	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	10388	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	17215	20.000	ng		0.00
76) Chrysene-d12	14.069	240	10578	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	9466	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	42554	120.777	ng		0.00
7) Phenol-d6	6.522	99	47542	115.531	ng		0.00
23) Nitrobenzene-d5	7.463	82	40717	121.332	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	14635	139.681	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	91249	120.926	ng		0.00
79) Terphenyl-d14	13.016	244	85643	126.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	10807	58.954	ng		99
3) Pyridine	3.416	79	27577	60.868	ng		98
4) n-Nitrosodimethylamine	3.375	42	9837	61.136	ng		89
6) Aniline	6.557	93	32199	59.859	ng		97
8) 2-Chlorophenol	6.681	128	20922	55.118	ng		97
9) Benzaldehyde	6.446	77	17563	69.125	ng		96
10) Phenol	6.534	94	26888m	58.734	ng		
11) bis(2-Chloroethyl)ether	6.634	93	19654	57.666	ng		99
12) 1,3-Dichlorobenzene	6.834	146	23123	54.719	ng		99
13) 1,4-Dichlorobenzene	6.910	146	24528	58.600	ng		98
14) 1,2-Dichlorobenzene	7.063	146	22409	56.904	ng		99
15) Benzyl Alcohol	7.034	79	16434	59.768	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	21925	57.756	ng		96
17) 2-Methylphenol	7.140	107	17203	60.491	ng		96
18) Hexachloroethane	7.410	117	7731	59.019	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	14278	59.726	ng		98
20) 3+4-Methylphenols	7.298	107	22723	60.702	ng		95
22) Acetophenone	7.304	105	28007	59.739	ng	#	91
24) Nitrobenzene	7.481	77	20066	58.967	ng		98
25) Isophorone	7.722	82	37619	61.894	ng		98
26) 2-Nitrophenol	7.793	139	11390	62.003	ng		95
27) 2,4-Dimethylphenol	7.828	122	18547	63.662	ng		96
28) bis(2-Chloroethoxy)met...	7.928	93	22940	60.552	ng		96
29) 2,4-Dichlorophenol	8.034	162	17675	61.793	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	18467	59.898	ng		98
31) Naphthalene	8.198	128	60876	60.021	ng		100
32) Benzoic acid	7.934	122	11770m	63.433	ng		
33) 4-Chloroaniline	8.245	127	21148	62.508	ng		99
34) Hexachlorobutadiene	8.316	225	11656	58.967	ng		93
35) Caprolactam	8.634	113	4629	67.156	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	17171	60.726	ng		99
37) 2-Methylnaphthalene	8.892	142	39983	60.988	ng		95
38) 1-Methylnaphthalene	8.992	142	38110	59.554	ng		95
40) 1,2,4,5-Tetrachloroben...	9.057	216	18860	60.189	ng	#	96
41) Hexachlorocyclopentadiene	9.045	237	10500	61.323	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	13477	63.717	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143773.D
Acq On : 16 Sep 2025 14:17
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	12709	60.148	ng		94
46) 1,1'-Biphenyl	9.357	154	47617	59.663	ng		99
47) 2-Chloronaphthalene	9.381	162	37830	60.897	ng		99
48) 2-Nitroaniline	9.475	65	10548	64.802	ng		97
49) Acenaphthylene	9.798	152	54573	62.510	ng		98
50) Dimethylphthalate	9.651	163	42885	62.813	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	9414	66.887	ng		98
52) Acenaphthene	9.969	154	37326	63.795	ng		93
53) 3-Nitroaniline	9.886	138	9861	66.438	ng		94
54) 2,4-Dinitrophenol	9.986	184	5248	62.602	ng	#	51
55) Dibenzofuran	10.139	168	53070	62.461	ng		98
56) 4-Nitrophenol	10.039	139	7862	69.939	ng		92
57) 2,4-Dinitrotoluene	10.122	165	12518	63.909	ng		99
58) Fluorene	10.486	166	42095	63.364	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	10825	66.873	ng	#	97
60) Diethylphthalate	10.357	149	40712	64.948	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	21107	63.335	ng		99
62) 4-Nitroaniline	10.504	138	9548	67.342	ng		95
63) Azobenzene	10.639	77	36137	65.325	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	7600	63.260	ng		90
66) n-Nitrosodiphenylamine	10.598	169	34779	57.890	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	12776	60.068	ng		93
68) Hexachlorobenzene	11.034	284	13785	60.914	ng		97
69) Atrazine	11.122	200	11239	62.988	ng		98
70) Pentachlorophenol	11.222	266	8164	65.340	ng		96
71) Phenanthrene	11.451	178	59503	59.974	ng		99
72) Anthracene	11.504	178	60584	59.881	ng		100
73) Carbazole	11.657	167	50257	60.940	ng		99
74) Di-n-butylphthalate	11.986	149	61552	61.438	ng		99
75) Fluoranthene	12.639	202	54370	59.397	ng		97
77) Benzidine	12.757	184	15664	47.872	ng		99
78) Pyrene	12.869	202	55203	64.136	ng		94
80) Butylbenzylphthalate	13.486	149	18961	63.737	ng		96
81) Benzo(a)anthracene	14.057	228	43538	62.549	ng		98
82) 3,3'-Dichlorobenzidine	14.022	252	11271	56.602	ng	#	93
83) Chrysene	14.098	228	36856	58.045	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	24458	60.598	ng		99
85) Di-n-octyl phthalate	14.663	149	39833	58.464	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.063	276	36470	60.193	ng		97
88) Benzo(b)fluoranthene	15.116	252	35571	60.689	ng		98
89) Benzo(k)fluoranthene	15.151	252	31171	60.648	ng		98
90) Benzo(a)pyrene	15.492	252	30204	59.797	ng	#	98
91) Dibenzo(a,h)anthracene	17.086	278	30224	62.090	ng		93
92) Benzo(g,h,i)perylene	17.521	276	28318	60.686	ng		99

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

ICAL Form

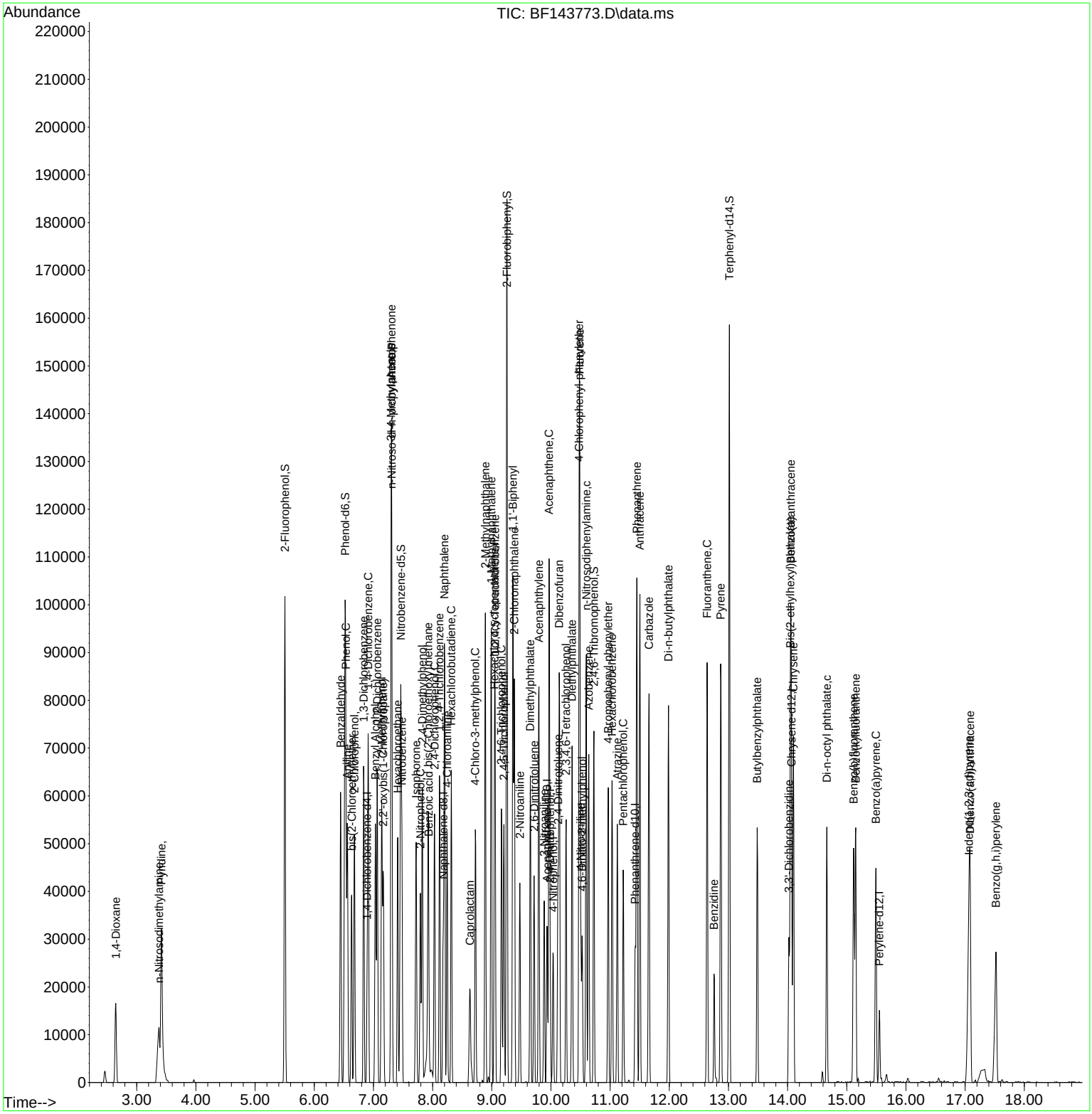
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143773.D
Acq On : 16 Sep 2025 14:17
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 16 16:06:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143774.D
Acq On : 16 Sep 2025 14:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	5597	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	20538	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	10687	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	17155	20.000	ng		0.00
76) Chrysene-d12	14.074	240	11666	20.000	ng		0.00
86) Perylene-d12	15.557	264	10294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	58803	167.730	ng		0.00
7) Phenol-d6	6.528	99	66384	162.125	ng		0.00
23) Nitrobenzene-d5	7.469	82	55926	161.127	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	18327	170.024	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	123329	158.867	ng		0.00
79) Terphenyl-d14	13.015	244	108562	144.935	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	15209	83.383	ng		99
3) Pyridine	3.434	79	37626	83.463	ng		96
4) n-Nitrosodimethylamine	3.404	42	13765	85.976	ng		89
6) Aniline	6.563	93	42925	80.198	ng		97
8) 2-Chlorophenol	6.681	128	29850	79.032	ng		98
9) Benzaldehyde	6.451	77	16962	67.094	ng		97
10) Phenol	6.539	94	38831m	85.246	ng		
11) bis(2-Chloroethyl)ether	6.634	93	27246	80.341	ng		98
12) 1,3-Dichlorobenzene	6.839	146	32652	77.656	ng		97
13) 1,4-Dichlorobenzene	6.916	146	32338	77.646	ng		97
14) 1,2-Dichlorobenzene	7.069	146	29816	76.091	ng		99
15) Benzyl Alcohol	7.039	79	22667	82.849	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	29465	78.006	ng		96
17) 2-Methylphenol	7.145	107	22973	81.185	ng		96
18) Hexachloroethane	7.410	117	10279	78.863	ng		93
19) n-Nitroso-di-n-propyla...	7.322	70	19278	81.044	ng		100
20) 3+4-Methylphenols	7.304	107	30140	80.919	ng		94
22) Acetophenone	7.310	105	37493	77.321	ng	#	89
24) Nitrobenzene	7.486	77	27547	78.267	ng		97
25) Isophorone	7.728	82	50035	79.592	ng		98
26) 2-Nitrophenol	7.798	139	15665	82.447	ng		96
27) 2,4-Dimethylphenol	7.828	122	25325	84.045	ng		94
28) bis(2-Chloroethoxy)met...	7.928	93	31148	79.491	ng		98
29) 2,4-Dichlorophenol	8.039	162	24667	83.377	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	24559	77.016	ng		98
31) Naphthalene	8.204	128	82988	79.109	ng		99
32) Benzoic acid	7.957	122	16798m	79.512	ng		
33) 4-Chloroaniline	8.251	127	27869	79.642	ng		98
34) Hexachlorobutadiene	8.316	225	15909	77.814	ng		93
35) Caprolactam	8.645	113	6448	90.443	ng		94
36) 4-Chloro-3-methylphenol	8.728	107	23373	79.918	ng		99
37) 2-Methylnaphthalene	8.892	142	55385	81.681	ng		95
38) 1-Methylnaphthalene	8.992	142	54174	81.850	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	25865	80.235	ng		98
41) Hexachlorocyclopentadiene	9.045	237	14634	83.075	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	18256	83.896	ng		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143774.D
Acq On : 16 Sep 2025 14:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 16:06:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	18513	85.165	ng		93
46) 1,1'-Biphenyl	9.363	154	65499	79.773	ng		97
47) 2-Chloronaphthalene	9.386	162	51728	80.939	ng		99
48) 2-Nitroaniline	9.480	65	13615	81.304	ng		96
49) Acenaphthylene	9.798	152	73108	81.398	ng		99
50) Dimethylphthalate	9.657	163	57024	81.185	ng		99
51) 2,6-Dinitrotoluene	9.722	165	12463	86.073	ng		96
52) Acenaphthene	9.975	154	49840	82.800	ng		95
53) 3-Nitroaniline	9.892	138	13145	86.086	ng		93
54) 2,4-Dinitrophenol	9.992	184	7551	79.208	ng	#	32
55) Dibenzofuran	10.145	168	72218	82.620	ng		98
56) 4-Nitrophenol	10.045	139	10621	91.839	ng		94
57) 2,4-Dinitrotoluene	10.122	165	16759	83.168	ng		96
58) Fluorene	10.486	166	57267	83.791	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	14785	88.782	ng	#	96
60) Diethylphthalate	10.363	149	52900	82.031	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	28043	81.793	ng		96
62) 4-Nitroaniline	10.516	138	12327	84.510	ng		99
63) Azobenzene	10.639	77	47337	83.177	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	9885	80.865	ng		88
66) n-Nitrosodiphenylamine	10.598	169	47113	78.694	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	16898	79.727	ng		98
68) Hexachlorobenzene	11.039	284	17832	79.073	ng		96
69) Atrazine	11.127	200	14094	79.264	ng		95
70) Pentachlorophenol	11.227	266	11398	91.543	ng		94
71) Phenanthrene	11.451	178	78128	79.021	ng		99
72) Anthracene	11.504	178	81220	80.558	ng		99
73) Carbazole	11.657	167	66536	80.961	ng		99
74) Di-n-butylphthalate	11.986	149	79409	79.540	ng		98
75) Fluoranthene	12.645	202	69777	76.496	ng		96
78) Pyrene	12.874	202	71378m	75.194	ng		
80) Butylbenzylphthalate	13.486	149	26480	80.710	ng		99
81) Benzo(a)anthracene	14.062	228	57521	74.930	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	15674	71.372	ng		95
83) Chrysene	14.104	228	51229	73.157	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	35105	78.866	ng		100
85) Di-n-octyl phthalate	14.662	149	57159	76.069	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	53247	80.814	ng		99
88) Benzo(b)fluoranthene	15.121	252	52289	82.036	ng		99
89) Benzo(k)fluoranthene	15.157	252	44607	79.809	ng		97
90) Benzo(a)pyrene	15.498	252	42902	78.104	ng		97
91) Dibenzo(a,h)anthracene	17.098	278	42926	81.091	ng		97
92) Benzo(g,h,i)perylene	17.533	276	40828	80.458	ng		99

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

ICAL Form

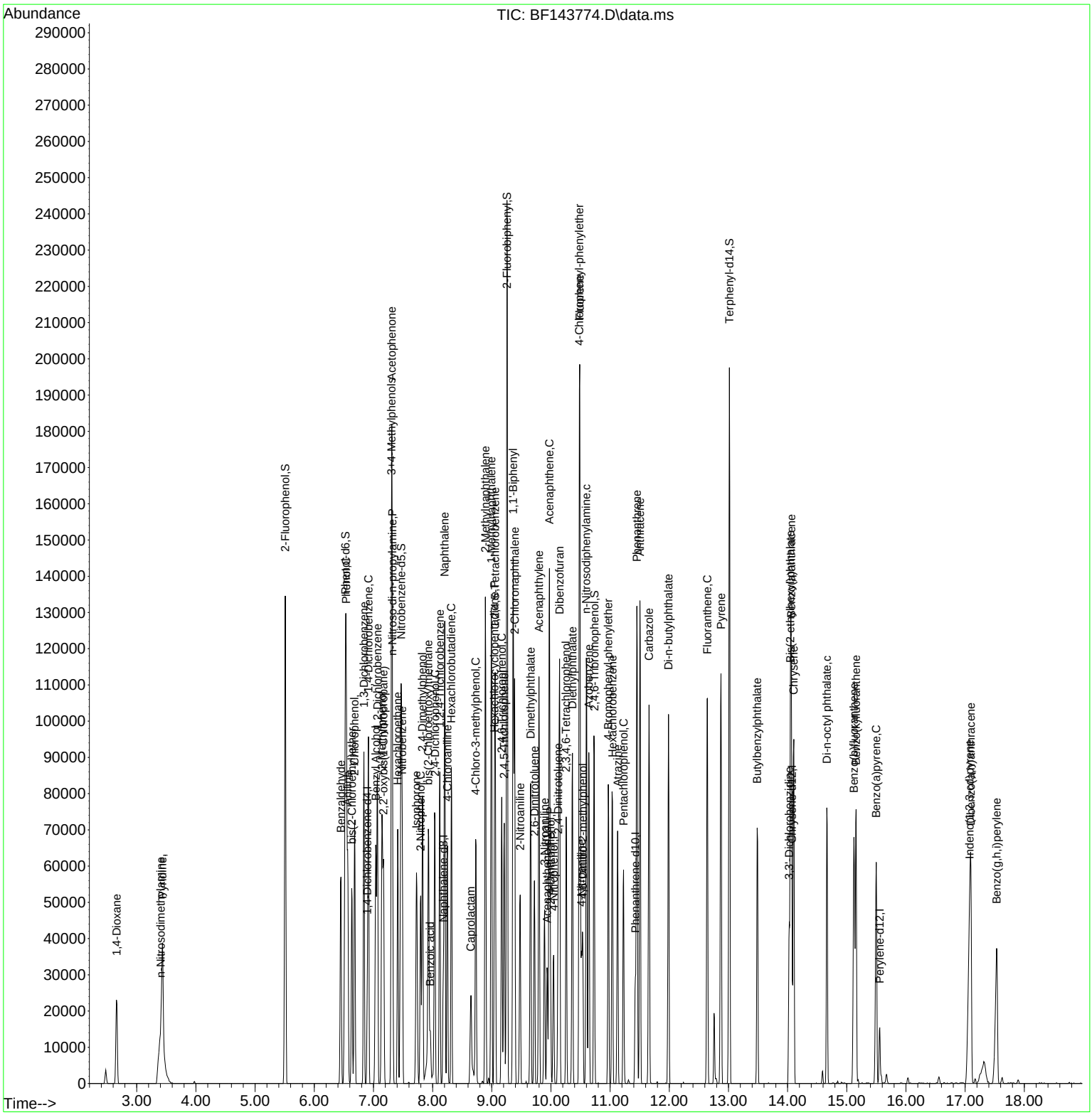
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143774.D
Acq On : 16 Sep 2025 14:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 16 16:06:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5153	20.000	ng	0.00
21) Naphthalene-d8	8.174	136	18418	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	9710	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	15651	20.000	ng	0.00
76) Chrysene-d12	14.068	240	9929	20.000	ng	0.00
86) Perylene-d12	15.545	264	8740	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	23420	72.559	ng	-0.01
7) Phenol-d6	6.510	99	26326	69.834	ng	-0.02
23) Nitrobenzene-d5	7.451	82	22266	71.534	ng	-0.02
42) 2,4,6-Tribromophenol	10.721	330	7878	80.440	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	49942	70.806	ng	0.00
79) Terphenyl-d14	13.009	244	45966	72.102	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.645	88	5946	35.408	ng	98
3) Pyridine	3.416	79	14755	35.550	ng	97
4) n-Nitrosodimethylamine	3.357	42	5720	38.805	ng	87
6) Aniline	6.551	93	19002	38.561	ng	99
8) 2-Chlorophenol	6.675	128	12348	35.510	ng	97
9) Benzaldehyde	6.445	77	7812	33.563	ng	95
10) Phenol	6.522	94	16233	38.707	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	10970	35.135	ng	93
12) 1,3-Dichlorobenzene	6.833	146	13783	35.604	ng	99
13) 1,4-Dichlorobenzene	6.910	146	14293	37.275	ng	97
14) 1,2-Dichlorobenzene	7.063	146	14174	39.289	ng	97
15) Benzyl Alcohol	7.027	79	9264	36.778	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	12345	35.499	ng	98
17) 2-Methylphenol	7.133	107	9849	37.804	ng	93
18) Hexachloroethane	7.410	117	4482	37.350	ng	88
19) n-Nitroso-di-n-propyla...	7.304	70	8382	38.274	ng	97
20) 3+4-Methylphenols	7.292	107	12760	37.209	ng	91
22) Acetophenone	7.298	105	16909	38.885	ng	94
24) Nitrobenzene	7.475	77	11405	36.134	ng	97
25) Isophorone	7.710	82	20674	36.672	ng	99
26) 2-Nitrophenol	7.786	139	6297	36.957	ng	92
27) 2,4-Dimethylphenol	7.822	122	10706	39.619	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	13027	37.072	ng	98
29) 2,4-Dichlorophenol	8.027	162	9752	36.757	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	11072	38.718	ng	96
31) Naphthalene	8.198	128	33962	36.101	ng	98
32) Benzoic acid	7.910	122	5582	39.368	ng	92
33) 4-Chloroaniline	8.239	127	13775	43.896	ng	99
34) Hexachlorobutadiene	8.316	225	6589	35.938	ng	90
35) Caprolactam	8.604	113	2493	38.993	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	9352	35.658	ng	96
37) 2-Methylnaphthalene	8.886	142	20355	33.474	ng	97
38) 1-Methylnaphthalene	8.986	142	20830	35.094	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	10922	37.290	ng	99
41) Hexachlorocyclopentadiene	9.039	237	7624	47.635	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	7533	38.101	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7466	37.801	ng		94
46) 1,1'-Biphenyl	9.351	154	27711	37.146	ng		99
47) 2-Chloronaphthalene	9.374	162	21189	36.490	ng		100
48) 2-Nitroaniline	9.469	65	5612	36.885	ng		96
49) Acenaphthylene	9.792	152	33405	40.935	ng		97
50) Dimethylphthalate	9.651	163	24496	38.384	ng		98
51) 2,6-Dinitrotoluene	9.710	165	5597	42.544	ng		94
52) Acenaphthene	9.969	154	20869	38.159	ng		99
53) 3-Nitroaniline	9.880	138	5415	39.031	ng		96
54) 2,4-Dinitrophenol	9.980	184	2273	36.295	ng		86
55) Dibenzofuran	10.139	168	30012	37.789	ng		97
56) 4-Nitrophenol	10.027	139	4185	39.828	ng		89
57) 2,4-Dinitrotoluene	10.116	165	7478	40.844	ng	#	93
58) Fluorene	10.480	166	23243	37.430	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	6125	40.480	ng	#	94
60) Diethylphthalate	10.351	149	21799	37.204	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	11501	36.920	ng		99
62) 4-Nitroaniline	10.492	138	5218	39.372	ng		94
63) Azobenzene	10.633	77	19144	37.023	ng		97
65) 4,6-Dinitro-2-methylph...	10.521	198	3802	37.318	ng		90
66) n-Nitrosodiphenylamine	10.592	169	19117	35.000	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	6960	35.994	ng		94
68) Hexachlorobenzene	11.027	284	7346	35.705	ng		97
69) Atrazine	11.115	200	5883	36.265	ng		96
70) Pentachlorophenol	11.221	266	4300	37.854	ng		99
71) Phenanthrene	11.445	178	32630	36.175	ng		99
72) Anthracene	11.498	178	33824	36.772	ng		99
73) Carbazole	11.651	167	27523	36.708	ng		99
74) Di-n-butylphthalate	11.980	149	32893	36.113	ng		97
75) Fluoranthene	12.633	202	29621	35.594	ng		97
77) Benzidine	12.757	184	12189	39.687	ng		98
78) Pyrene	12.862	202	30617	37.897	ng		95
80) Butylbenzylphthalate	13.486	149	11017	39.454	ng		98
81) Benzo(a)anthracene	14.056	228	24087	36.866	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	7040	37.665	ng		97
83) Chrysene	14.092	228	21235	35.629	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	14631	38.620	ng	#	96
85) Di-n-octyl phthalate	14.656	149	22223	34.749	ng		99
87) Indeno(1,2,3-cd)pyrene	17.050	276	20466	36.584	ng		97
88) Benzo(b)fluoranthene	15.109	252	20177	37.284	ng		98
89) Benzo(k)fluoranthene	15.139	252	17448	36.766	ng		97
90) Benzo(a)pyrene	15.486	252	17300	37.095	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	16915	37.636	ng		96
92) Benzo(g,h,i)perylene	17.503	276	16321	37.882	ng		99

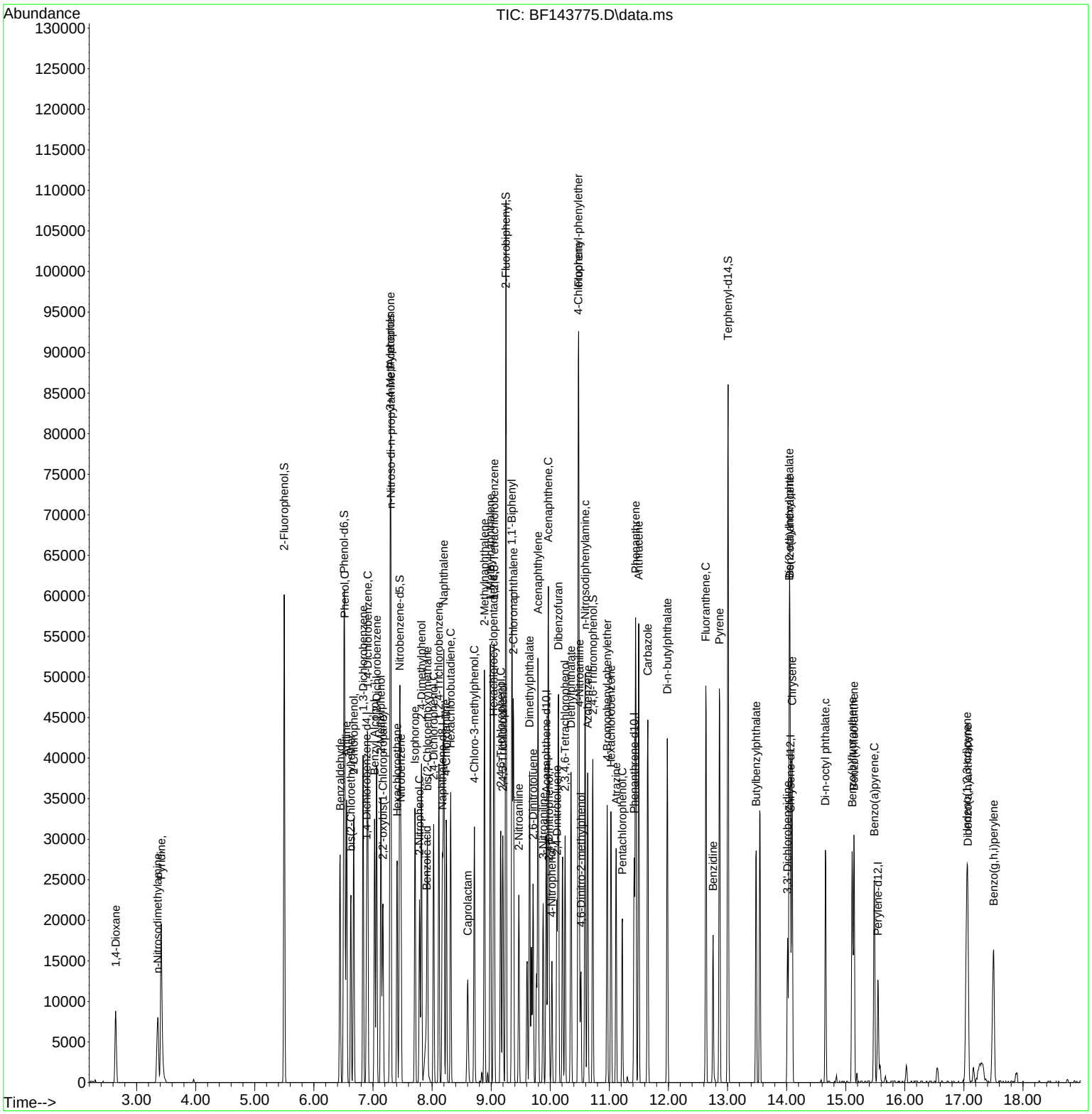
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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	0.00
2		1,4-Dioxane	0.652	0.577	11.5	85	-0.01
3		Pyridine	1.611	1.432	11.1	87	-0.02
4		n-Nitrosodimethylamine	0.572	0.555	3.0	103	-0.05
5	S	2-Fluorophenol	1.253	1.136	9.3	86	-0.01
6		Aniline	1.913	1.844	3.6	94	-0.01
7	S	Phenol-d6	1.463	1.277	12.7	83	-0.02
8		2-Chlorophenol	1.350	1.198	11.3	89	0.00
9		Benzaldehyde	0.903	0.758	16.1	117	0.00
10	C	Phenol	1.628	1.575	3.3	99	-0.02
11		bis(2-Chloroethyl)ether	1.212	1.064	12.2	86	0.00
12		1,3-Dichlorobenzene	1.502	1.337	11.0	90	0.00
13	C	1,4-Dichlorobenzene	1.488	1.387	6.8	94	0.00
14		1,2-Dichlorobenzene	1.400	1.375	1.8	101	0.00
15		Benzyl Alcohol	0.978	0.899	8.1	92	-0.01
16		2,2'-oxybis(1-Chloropropane	1.350	1.198	11.3	89	0.00
17		2-Methylphenol	1.011	0.956	5.4	94	-0.01
18		Hexachloroethane	0.466	0.435	6.7	99	0.00
19	P	n-Nitroso-di-n-propylamine	0.850	0.813	4.4	96	-0.02
20		3+4-Methylphenols	1.331	1.238	7.0	94	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.472	0.459	2.8	96	-0.01
23	S	Nitrobenzene-d5	0.338	0.302	10.7	88	-0.02
24		Nitrobenzene	0.343	0.310	9.6	92	-0.01
25		Isophorone	0.612	0.561	8.3	96	-0.02
26	C	2-Nitrophenol	0.185	0.171	7.6	86	-0.01
27		2,4-Dimethylphenol	0.293	0.291	0.7	101	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.354	7.3	95	0.00
29	C	2,4-Dichlorophenol	0.288	0.265	8.0	90	-0.01
30		1,2,4-Trichlorobenzene	0.311	0.301	3.2	99	0.00
31		Naphthalene	1.022	0.922	9.8	90	0.00
32		Benzoic acid	0.146	0.152	-4.1	103	-0.05
33		4-Chloroaniline	0.341	0.374	-9.7	106	-0.01
34	C	Hexachlorobutadiene	0.199	0.179	10.1	85	0.00
35		Caprolactam	0.069	0.068	1.4	108	-0.04
36	C	4-Chloro-3-methylphenol	0.285	0.254	10.9	90	-0.01
37		2-Methylnaphthalene	0.660	0.553	16.2	87	0.00
38		1-Methylnaphthalene	0.645	0.565	12.4	88	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	110	0.00
40		1,2,4,5-Tetrachlorobenzene	0.603	0.562	6.8	94	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.393	-19.1	119	0.00
42	S	2,4,6-Tribromophenol	0.202	0.203	-0.5	105	-0.01
43	C	2,4,6-Trichlorophenol	0.407	0.388	4.7	98	0.00
44		2,4,5-Trichlorophenol	0.407	0.384	5.7	98	-0.01
45	S	2-Fluorobiphenyl	1.453	1.286	11.5	92	0.00
46		1,1'-Biphenyl	1.537	1.427	7.2	96	-0.01
47		2-Chloronaphthalene	1.196	1.091	8.8	96	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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	0.313	0.289	7.7	100	-0.01
49		Acenaphthylene	1.681	1.720	-2.3	108	0.00
50		Dimethylphthalate	1.314	1.261	4.0	100	0.00
51		2,6-Dinitrotoluene	0.271	0.288	-6.3	108	-0.01
52	C	Acenaphthene	1.126	1.075	4.5	100	0.00
53		3-Nitroaniline	0.286	0.279	2.4	106	-0.01
54	P	2,4-Dinitrophenol	0.126	0.117	7.1	97	-0.01
55		Dibenzofuran	1.636	1.545	5.6	104	0.00
56	P	4-Nitrophenol	0.216	0.215	0.5	114	-0.02
57		2,4-Dinitrotoluene	0.377	0.385	-2.1	114	0.00
58		Fluorene	1.279	1.197	6.4	102	0.00
59		2,3,4,6-Tetrachlorophenol	0.312	0.315	-1.0	107	0.00
60		Diethylphthalate	1.207	1.123	7.0	105	-0.01
61		4-Chlorophenyl-phenylether	0.642	0.592	7.8	102	0.00
62		4-Nitroaniline	0.273	0.269	1.5	102	-0.02
63		Azobenzene	1.065	0.986	7.4	101	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	118	0.00
65		4,6-Dinitro-2-methylphenol	0.121	0.121	0.0	119	-0.02
66	c	n-Nitrosodiphenylamine	0.698	0.611	12.5	97	0.00
67		4-Bromophenyl-phenylether	0.247	0.222	10.1	104	0.00
68		Hexachlorobenzene	0.263	0.235	10.6	103	-0.01
69		Atrazine	0.207	0.188	9.2	105	-0.01
70	C	Pentachlorophenol	0.145	0.137	5.5	109	0.00
71		Phenanthrene	1.153	1.042	9.6	104	0.00
72		Anthracene	1.175	1.081	8.0	107	0.00
73		Carbazole	0.958	0.879	8.2	105	0.00
74		Di-n-butylphthalate	1.164	1.051	9.7	105	0.00
75	C	Fluoranthene	1.063	0.946	11.0	103	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.619	0.614	0.8	90	0.00
78		Pyrene	1.627	1.542	5.2	105	-0.01
79	S	Terphenyl-d14	1.284	1.157	9.9	99	0.00
80		Butylbenzylphthalate	0.562	0.555	1.2	97	0.00
81		Benzo(a)anthracene	1.316	1.213	7.8	91	0.00
82		3,3'-Dichlorobenzidine	0.376	0.355	5.6	85	-0.01
83		Chrysene	1.201	1.069	11.0	90	-0.01
84		Bis(2-ethylhexyl)phthalate	0.763	0.737	3.4	92	0.00
85	c	Di-n-octyl phthalate	1.288	1.119	13.1	81	0.00
86	I	Perylene-d12	1.000	1.000	0.0	86	-0.01
87		Indeno(1,2,3-cd)pyrene	1.280	1.171	8.5	76	-0.02
88		Benzo(b)fluoranthene	1.238	1.154	6.8	85	-0.01
89		Benzo(k)fluoranthene	1.086	0.998	8.1	77	-0.02
90	C	Benzo(a)pyrene	1.067	0.990	7.2	79	-0.01
91		Dibenzo(a,h)anthracene	1.028	0.968	5.8	76	-0.03
92		Benzo(g,h,i)perylene	0.986	0.934	5.3	79	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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	0.00
2		1,4-Dioxane	40.000	35.408	11.5	85	-0.01
3		Pyridine	40.000	35.550	11.1	87	-0.02
4		n-Nitrosodimethylamine	40.000	38.805	3.0	103	-0.05
5	S	2-Fluorophenol	80.000	72.559	9.3	86	-0.01
6		Aniline	40.000	38.561	3.6	94	-0.01
7	S	Phenol-d6	80.000	69.834	12.7	83	-0.02
8		2-Chlorophenol	40.000	35.510	11.2	89	0.00
9		Benzaldehyde	40.000	33.563	16.1	117	0.00
10	C	Phenol	40.000	38.707	3.2	99	-0.02
11		bis(2-Chloroethyl)ether	40.000	35.135	12.2	86	0.00
12		1,3-Dichlorobenzene	40.000	35.604	11.0	90	0.00
13	C	1,4-Dichlorobenzene	40.000	37.275	6.8	94	0.00
14		1,2-Dichlorobenzene	40.000	39.289	1.8	101	0.00
15		Benzyl Alcohol	40.000	36.778	8.1	92	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	35.499	11.3	89	0.00
17		2-Methylphenol	40.000	37.804	5.5	94	-0.01
18		Hexachloroethane	40.000	37.350	6.6	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.274	4.3	96	-0.02
20		3+4-Methylphenols	40.000	37.209	7.0	94	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	38.885	2.8	96	-0.01
23	S	Nitrobenzene-d5	80.000	71.534	10.6	88	-0.02
24		Nitrobenzene	40.000	36.134	9.7	92	-0.01
25		Isophorone	40.000	36.672	8.3	96	-0.02
26	C	2-Nitrophenol	40.000	36.957	7.6	86	-0.01
27		2,4-Dimethylphenol	40.000	39.619	1.0	101	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.072	7.3	95	0.00
29	C	2,4-Dichlorophenol	40.000	36.757	8.1	90	-0.01
30		1,2,4-Trichlorobenzene	40.000	38.718	3.2	99	0.00
31		Naphthalene	40.000	36.101	9.7	90	0.00
32		Benzoic acid	40.000	39.368	1.6	103	-0.05
33		4-Chloroaniline	40.000	43.896	-9.7	106	-0.01
34	C	Hexachlorobutadiene	40.000	35.938	10.2	85	0.00
35		Caprolactam	40.000	38.993	2.5	108	-0.04
36	C	4-Chloro-3-methylphenol	40.000	35.658	10.9	90	-0.01
37		2-Methylnaphthalene	40.000	33.474	16.3	87	0.00
38		1-Methylnaphthalene	40.000	35.094	12.3	88	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	110	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.290	6.8	94	0.00
41	P	Hexachlorocyclopentadiene	40.000	47.635	-19.1	119	0.00
42	S	2,4,6-Tribromophenol	80.000	80.440	-0.5	105	-0.01
43	C	2,4,6-Trichlorophenol	40.000	38.101	4.7	98	0.00
44		2,4,5-Trichlorophenol	40.000	37.801	5.5	98	-0.01
45	S	2-Fluorobiphenyl	80.000	70.806	11.5	92	0.00
46		1,1'-Biphenyl	40.000	37.146	7.1	96	-0.01
47		2-Chloronaphthalene	40.000	36.490	8.8	96	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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	36.885	7.8	100	-0.01
49		Acenaphthylene	40.000	40.935	-2.3	108	0.00
50		Dimethylphthalate	40.000	38.384	4.0	100	0.00
51		2,6-Dinitrotoluene	40.000	42.544	-6.4	108	-0.01
52	C	Acenaphthene	40.000	38.159	4.6	100	0.00
53		3-Nitroaniline	40.000	39.031	2.4	106	-0.01
54	P	2,4-Dinitrophenol	40.000	36.295	9.3	97	-0.01
55		Dibenzofuran	40.000	37.789	5.5	104	0.00
56	P	4-Nitrophenol	40.000	39.828	0.4	114	-0.02
57		2,4-Dinitrotoluene	40.000	40.844	-2.1	114	0.00
58		Fluorene	40.000	37.430	6.4	102	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.480	-1.2	107	0.00
60		Diethylphthalate	40.000	37.204	7.0	105	-0.01
61		4-Chlorophenyl-phenylether	40.000	36.920	7.7	102	0.00
62		4-Nitroaniline	40.000	39.372	1.6	102	-0.02
63		Azobenzene	40.000	37.023	7.4	101	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	118	0.00
65		4,6-Dinitro-2-methylphenol	40.000	37.318	6.7	119	-0.02
66	c	n-Nitrosodiphenylamine	40.000	35.000	12.5	97	0.00
67		4-Bromophenyl-phenylether	40.000	35.994	10.0	104	0.00
68		Hexachlorobenzene	40.000	35.705	10.7	103	-0.01
69		Atrazine	40.000	36.265	9.3	105	-0.01
70	C	Pentachlorophenol	40.000	37.854	5.4	109	0.00
71		Phenanthrene	40.000	36.175	9.6	104	0.00
72		Anthracene	40.000	36.772	8.1	107	0.00
73		Carbazole	40.000	36.708	8.2	105	0.00
74		Di-n-butylphthalate	40.000	36.113	9.7	105	0.00
75	C	Fluoranthene	40.000	35.594	11.0	103	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	39.687	0.8	90	0.00
78		Pyrene	40.000	37.897	5.3	105	-0.01
79	S	Terphenyl-d14	80.000	72.102	9.9	99	0.00
80		Butylbenzylphthalate	40.000	39.454	1.4	97	0.00
81		Benzo(a)anthracene	40.000	36.866	7.8	91	0.00
82		3,3'-Dichlorobenzidine	40.000	37.665	5.8	85	-0.01
83		Chrysene	40.000	35.629	10.9	90	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	38.620	3.5	92	0.00
85	c	Di-n-octyl phthalate	40.000	34.749	13.1	81	0.00
86	I	Perylene-d12	20.000	20.000	0.0	86	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	36.584	8.5	76	-0.02
88		Benzo(b)fluoranthene	40.000	37.284	6.8	85	-0.01
89		Benzo(k)fluoranthene	40.000	36.766	8.1	77	-0.02
90	C	Benzo(a)pyrene	40.000	37.095	7.3	79	-0.01
91		Dibenzo(a,h)anthracene	40.000	37.636	5.9	76	-0.03
92		Benzo(g,h,i)perylene	40.000	37.882	5.3	79	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143775.D
Acq On : 16 Sep 2025 16:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091625

Quant Time: Sep 17 01:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 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

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_P Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID: RRF2.5 = BP025725.D RRF005 = BP025726.D RRF010 = BP025727.D
RRF020 = BP025728.D RRF040 = BP025729.D RRF060 = BP025731.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Pyridine		1.376	1.317	1.526	1.566	1.400	1.432	6.2
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
1,4-Dichlorobenzene		1.550	1.475	1.698	1.690	1.539	1.576	5.6
2-Methylphenol		0.973	1.030	1.268	1.319	1.185	1.171	10.7
3+4-Methylphenols			1.352	1.721	1.819	1.625	1.640	9.6
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Hexachloroethane		0.603	0.557	0.633	0.647	0.588	0.602	5.2
Nitrobenzene		0.366	0.363	0.440	0.449	0.411	0.407	8.2
Hexachlorobutadiene		0.226	0.219	0.247	0.242	0.226	0.229	5.0
2,4,6-Trichlorophenol		0.340	0.354	0.435	0.445	0.409	0.398	9.9
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
2,4,5-Trichlorophenol		0.375	0.389	0.482	0.501	0.457	0.443	10.4
2,4-Dinitrotoluene		0.382	0.398	0.501	0.521	0.471	0.460	11.3
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
Hexachlorobenzene		0.243	0.230	0.266	0.261	0.236	0.245	5.8
Pentachlorophenol			0.132	0.168	0.179	0.161	0.162	9.8
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

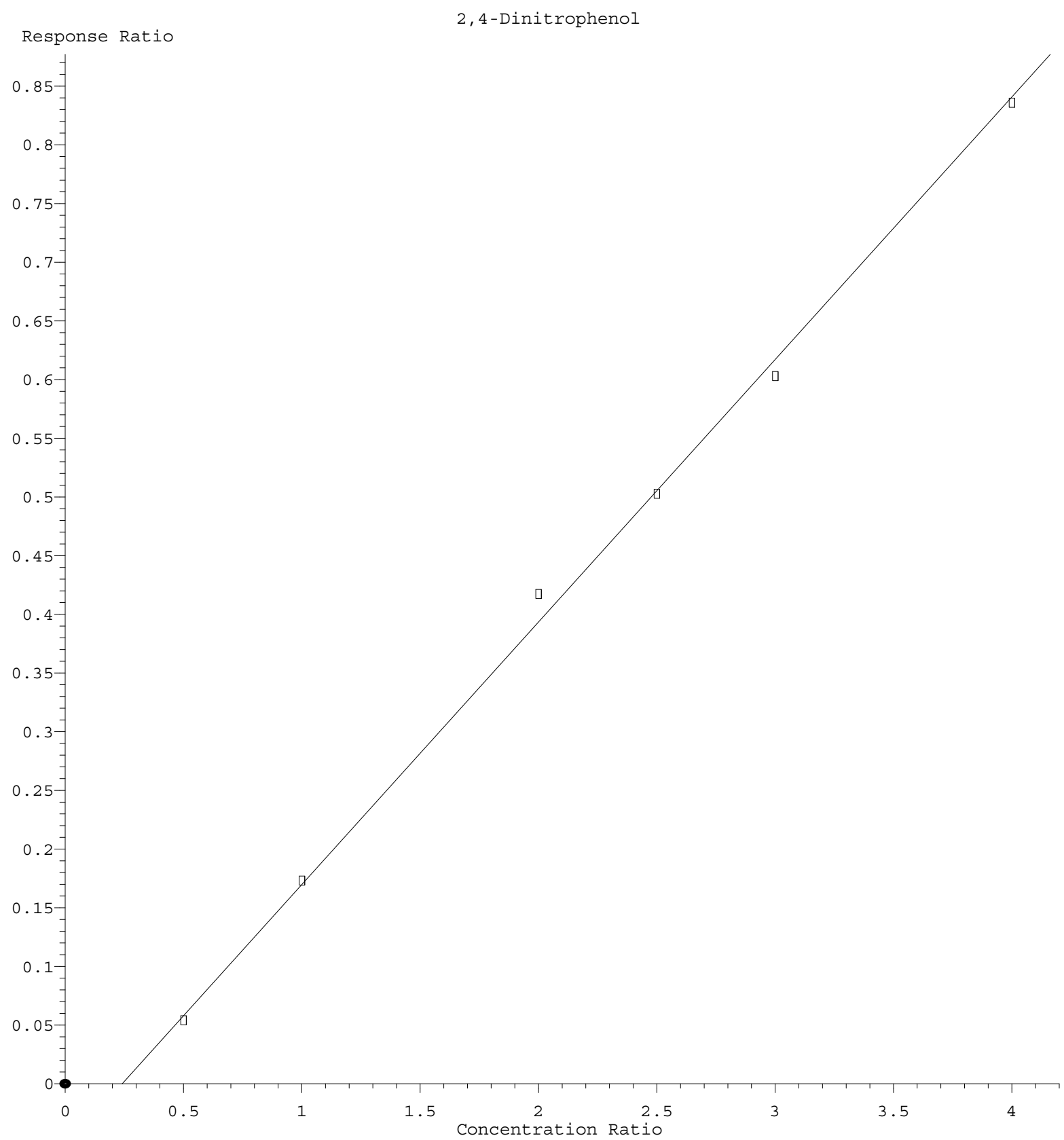
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

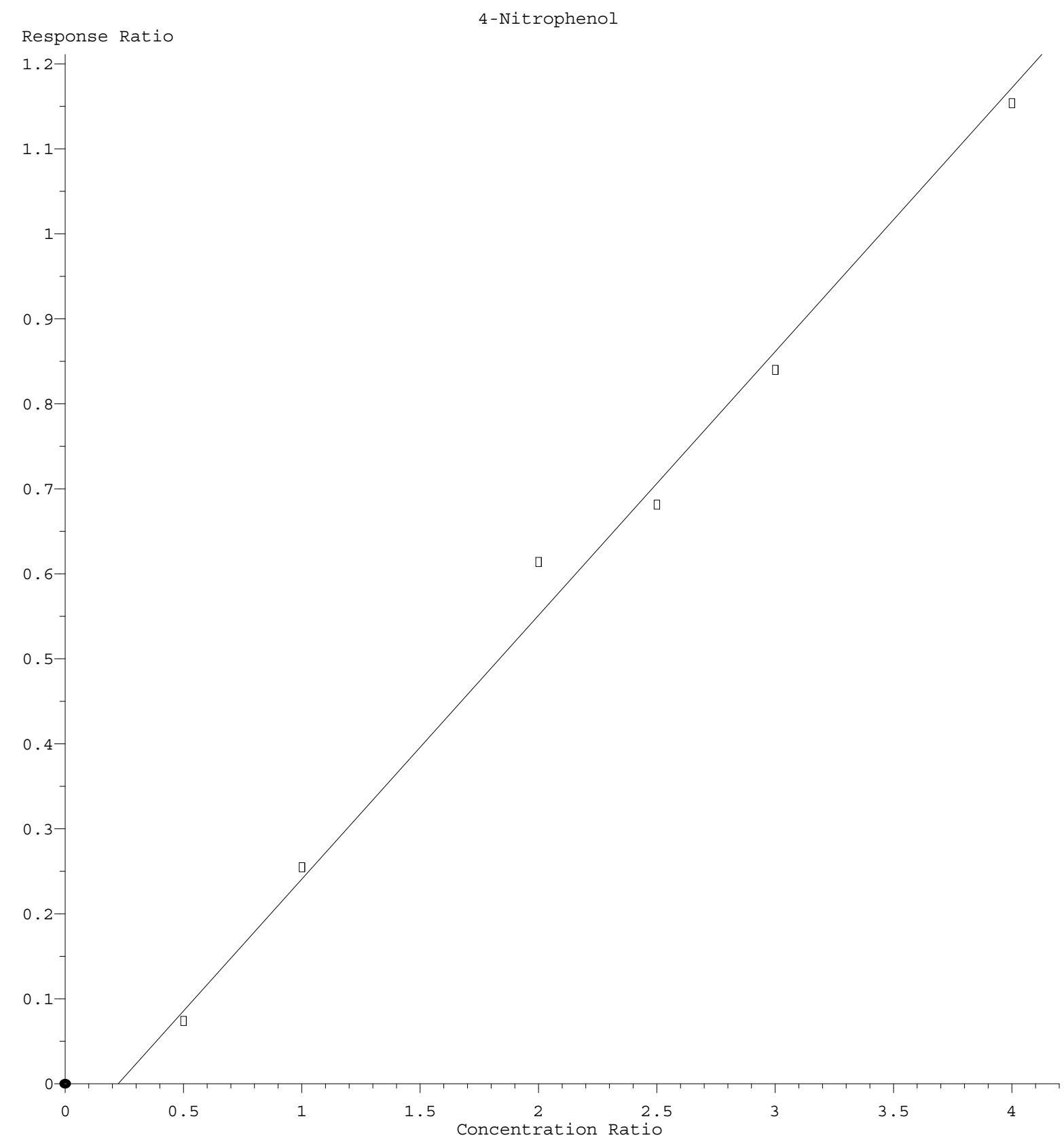
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range



Response = 2.238e-001 * Amt - 5.399e-002
Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025



Response = 3.103e-001 * Amt - 6.955e-002
Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/12/2025
Supervised By :Jagrut Upadhyay

Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	120353	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	495839	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	354286	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	772731	20.000	ng	0.00
76) Chrysene-d12	21.624	240	878437	20.000	ng	-0.02
86) Perylene-d12	25.001	264	947867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.549	70	14459m	2.116	ng	

09/12/2025

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

ICAL Form

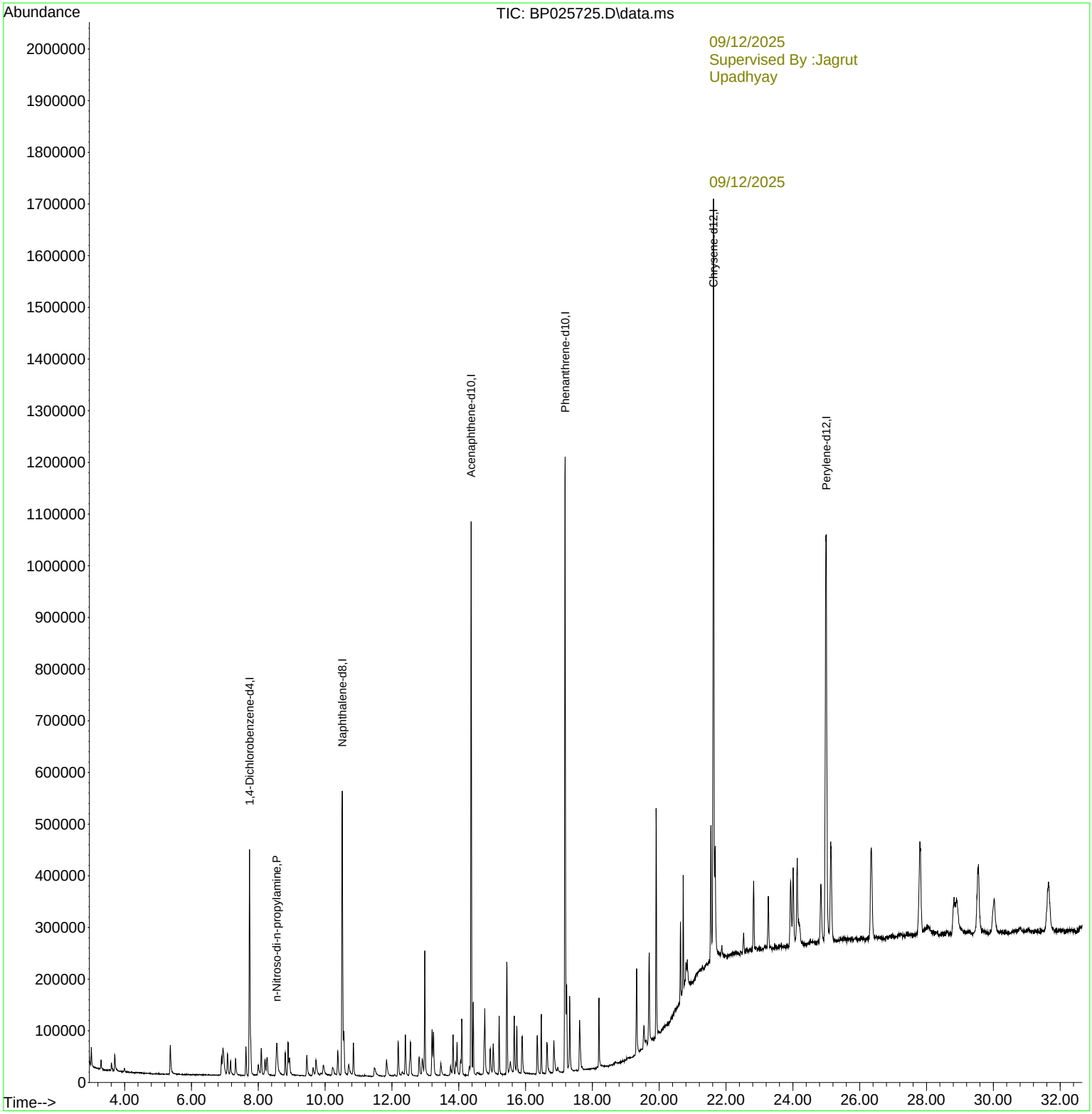
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	118553	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	483637	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	340469	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	730553	20.000	ng		0.00
76) Chrysene-d12	21.630	240	824671	20.000	ng		-0.01
86) Perylene-d12	24.995	264	899115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	67503	9.187	ng		0.00
7) Phenol-d6	6.949	99	82479	8.446	ng		0.00
23) Nitrobenzene-d5	8.907	82	100673	9.182	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	38610	9.092	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	266136	10.408	ng		0.00
79) Terphenyl-d14	19.901	244	466997	10.187	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	16745	5.430	ng		98
3) Pyridine	3.714	79	40793	4.804	ng		97
6) Aniline	7.096	93	58671	4.376	ng		96
8) 2-Chlorophenol	7.337	128	36433	4.520	ng		97
10) Phenol	6.978	94	44799	4.350	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	38920	4.704	ng		94
12) 1,3-Dichlorobenzene	7.649	146	45950	5.009	ng		96
13) 1,4-Dichlorobenzene	7.796	146	45935	4.916	ng		99
14) 1,2-Dichlorobenzene	8.113	146	45308	4.991	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	66422	4.909	ng		94
17) 2-Methylphenol	8.208	107	28845	4.155	ng		97
18) Hexachloroethane	8.825	117	17883	5.010	ng		98
19) n-Nitroso-di-n-propyla...	8.555	70	30598	4.546	ng		100
22) Acetophenone	8.578	105	57314	4.434	ng	#	96
24) Nitrobenzene	8.949	77	44286	4.502	ng		98
25) Isophorone	9.466	82	89058	4.621	ng		98
26) 2-Nitrophenol	9.660	139	17076	3.910	ng		92
27) 2,4-Dimethylphenol	9.731	122	31764	4.146	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	50074	4.495	ng		96
29) 2,4-Dichlorophenol	10.219	162	32238	4.220	ng		92
30) 1,2,4-Trichlorobenzene	10.396	180	42918	4.985	ng		96
31) Naphthalene	10.584	128	129655	4.972	ng		100
33) 4-Chloroaniline	10.707	127	41517	3.820	ng		96
34) Hexachlorobutadiene	10.866	225	27333	4.932	ng		94
36) 4-Chloro-3-methylphenol	11.837	107	39611	4.350	ng		97
37) 2-Methylnaphthalene	12.190	142	80091	4.782	ng		98
38) 1-Methylnaphthalene	12.407	142	87800	4.916	ng		97
40) 1,2,4,5-Tetrachloroben...	12.566	216	50181	4.864	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	28904	4.262	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	31943	4.232	ng		96
46) 1,1'-Biphenyl	13.201	154	124080	4.965	ng		97
47) 2-Chloronaphthalene	13.248	162	97044	4.932	ng		96
48) 2-Nitroaniline	13.460	65	26322	4.013	ng		95
49) Acenaphthylene	14.095	152	159767	4.900	ng		99
50) Dimethylphthalate	13.831	163	131492	5.059	ng		99
51) 2,6-Dinitrotoluene	13.948	165	24324	4.417	ng	#	81

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.437	154	96066	5.109	ng		97
53) 3-Nitroaniline	14.301	138	22660	3.913	ng		94
55) Dibenzofuran	14.784	168	156097	5.094	ng		99
57) 2,4-Dinitrotoluene	14.748	165	32480	4.144	ng		90
58) Fluorene	15.442	166	126434	5.189	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.025	232	30771	4.525	ng		96
60) Diethylphthalate	15.213	149	133865	5.077	ng		98
61) 4-Chlorophenyl-phenyle...	15.437	204	64305	5.236	ng		96
62) 4-Nitroaniline	15.489	138	21996m	3.710	ng		
63) Azobenzene	15.737	77	120979	4.745	ng		97
66) n-Nitrosodiphenylamine	15.660	169	108999	4.875	ng		98
67) 4-Bromophenyl-phenylether	16.354	248	38933	4.851	ng		99
68) Hexachlorobenzene	16.472	284	44390	4.960	ng		98
69) Atrazine	16.642	200	39255	4.593	ng		96
71) Phenanthrene	17.225	178	212489	5.127	ng		99
72) Anthracene	17.325	178	204585	4.866	ng		99
73) Carbazole	17.619	167	181532	4.644	ng		99
74) Di-n-butylphthalate	18.195	149	225100	4.692	ng		100
75) Fluoranthene	19.319	202	253297	5.096	ng		100
78) Pyrene	19.701	202	269369	4.895	ng		99
80) Butylbenzylphthalate	20.630	149	107059	4.437	ng		99
81) Benzo(a)anthracene	21.607	228	277557	4.916	ng		99
83) Chrysene	21.683	228	271250	5.040	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	164937	4.673	ng		100
87) Indeno(1,2,3-cd)pyrene	28.801	276	301229	4.607	ng	#	89
88) Benzo(b)fluoranthene	23.913	252	252672	4.595	ng		98
89) Benzo(k)fluoranthene	23.983	252	275940	4.918	ng		100
90) Benzo(a)pyrene	24.824	252	254148	4.720	ng		98
91) Dibenzo(a,h)anthracene	28.877	278	250801	4.687	ng		98
92) Benzo(g,h,i)perylene	29.983	276	245079	4.657	ng		97

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

ICAL Form

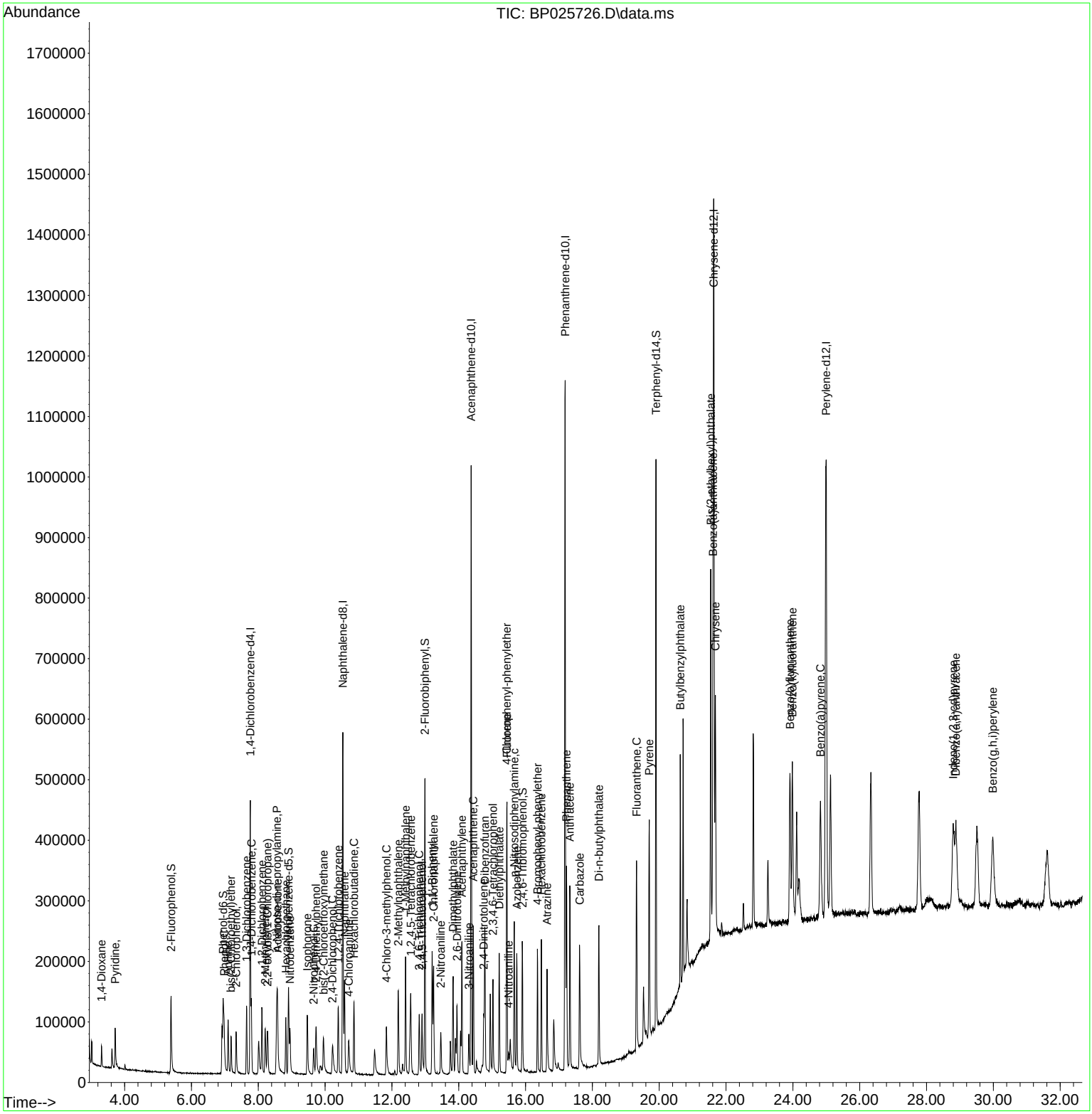
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng		0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng		-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng		0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng		0.00
86) Perylene-d12	24.989	264	954952	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	146309	18.121	ng		0.00
7) Phenol-d6	6.949	99	190237	17.726	ng		0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng		0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng		98
3) Pyridine	3.714	79	85764	9.191	ng		98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng		98
6) Aniline	7.096	93	129012	8.757	ng		98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng		98
9) Benzaldehyde	6.913	77	67547m	10.513	ng		
10) Phenol	6.978	94	99362	8.781	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng		99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng		98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng		99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng		99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng		98
17) 2-Methylphenol	8.207	107	67077	8.792	ng		99
18) Hexachloroethane	8.831	117	36252	9.242	ng		95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng		98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng		99
22) Acetophenone	8.572	105	130184	9.138	ng	#	97
24) Nitrobenzene	8.943	77	96781	8.927	ng		97
25) Isophorone	9.466	82	193432	9.106	ng		98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng		93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng		94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng		99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng		96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng		99
31) Naphthalene	10.572	128	274007	9.533	ng		99
32) Benzoic acid	9.837	122	45191m	7.198	ng		
33) 4-Chloroaniline	10.696	127	104287	8.705	ng		98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng		98
35) Caprolactam	11.466	113	28000m	8.645	ng		
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng		97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng		99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng		97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng		100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng		94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng		95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng		99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng		99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng		97
49) Acenaphthylene	14.089	152	334623	9.354	ng		99
50) Dimethylphthalate	13.825	163	267725	9.387	ng		99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng		99
52) Acenaphthene	14.437	154	196467	9.523	ng		100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng		98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng		96
55) Dibenzofuran	14.778	168	327607	9.743	ng		99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng		88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng		99
58) Fluorene	15.436	166	258111	9.654	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng		100
60) Diethylphthalate	15.213	149	274993	9.505	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng		98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng		94
63) Azobenzene	15.731	77	258320	9.235	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng		94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng		98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng		99
69) Atrazine	16.636	200	82175	8.965	ng		98
70) Pentachlorophenol	16.836	266	51635	8.150	ng		93
71) Phenanthrene	17.230	178	429178	9.655	ng		99
72) Anthracene	17.325	178	425513	9.435	ng		98
73) Carbazole	17.607	167	390923	9.323	ng		99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng		99
75) Fluoranthene	19.319	202	507116	9.513	ng		100
77) Benzidine	19.525	184	226459	9.078	ng		100
78) Pyrene	19.689	202	538053	9.311	ng		98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng		95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng		100
83) Chrysene	21.683	228	542537	9.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng		100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng		98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	#	85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng		99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng		99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng		97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng		99

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

ICAL Form

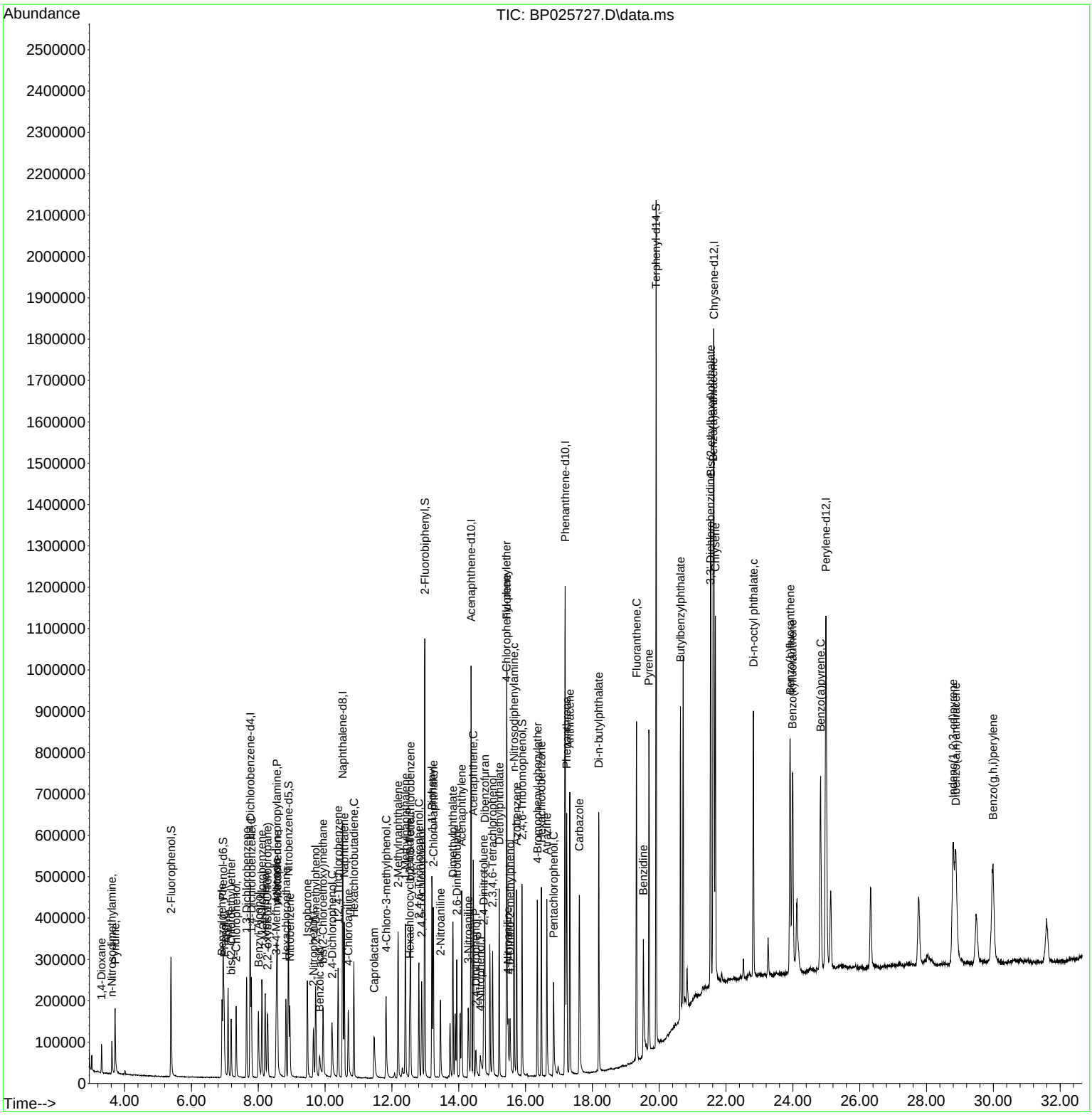
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	143999	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	606294	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	418871	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	862789	20.000	ng		0.00
76) Chrysene-d12	21.630	240	931523	20.000	ng		-0.01
86) Perylene-d12	25.013	264	988151	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	380187	42.601	ng		0.00
7) Phenol-d6	6.943	99	516495	43.542	ng		0.00
23) Nitrobenzene-d5	8.902	82	594129	43.226	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	226554	43.363	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	1386426	44.072	ng		0.00
79) Terphenyl-d14	19.901	244	2231186	43.089	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	80281	21.433	ng		99
3) Pyridine	3.708	79	219692	21.301	ng		98
4) n-Nitrosodimethylamine	3.614	42	103000	21.164	ng		100
6) Aniline	7.096	93	354574	21.775	ng		100
8) 2-Chlorophenol	7.337	128	208475	21.294	ng		99
9) Benzaldehyde	6.914	77	107710m	15.166	ng		
10) Phenol	6.972	94	266163	21.280	ng		98
11) bis(2-Chloroethyl)ether	7.190	93	217190	21.613	ng		97
12) 1,3-Dichlorobenzene	7.649	146	239289	21.475	ng		98
13) 1,4-Dichlorobenzene	7.790	146	244577	21.548	ng		97
14) 1,2-Dichlorobenzene	8.108	146	235224	21.333	ng		98
15) Benzyl Alcohol	8.002	79	205181	20.933	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	356609	21.700	ng		99
17) 2-Methylphenol	8.202	107	182618	21.655	ng		100
18) Hexachloroethane	8.825	117	91098	21.012	ng		99
19) n-Nitroso-di-n-propyla...	8.555	70	187222	22.899	ng		99
20) 3+4-Methylphenols	8.525	107	247752	20.978	ng		98
22) Acetophenone	8.572	105	353588	21.823	ng	#	98
24) Nitrobenzene	8.943	77	266699	21.629	ng		98
25) Isophorone	9.466	82	522705	21.636	ng		100
26) 2-Nitrophenol	9.649	139	115173	21.038	ng		99
27) 2,4-Dimethylphenol	9.713	122	208989	21.760	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	309508	22.163	ng		99
29) 2,4-Dichlorophenol	10.190	162	205319	21.441	ng		98
30) 1,2,4-Trichlorobenzene	10.390	180	228468	21.170	ng		97
31) Naphthalene	10.578	128	705465	21.579	ng		100
32) Benzoic acid	9.843	122	129745	18.170	ng		99
33) 4-Chloroaniline	10.690	127	296539	21.763	ng		99
34) Hexachlorobutadiene	10.860	225	149942	21.583	ng		99
35) Caprolactam	11.472	113	76940	20.887	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	245998	21.548	ng		97
37) 2-Methylnaphthalene	12.184	142	459751	21.896	ng		98
38) 1-Methylnaphthalene	12.413	142	489270	21.851	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	273360	21.536	ng		100
41) Hexachlorocyclopentadiene	12.537	237	136556	19.753	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	182331	21.851	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	201778	21.728	ng		98
46) 1,1'-Biphenyl	13.207	154	669889	21.788	ng		99
47) 2-Chloronaphthalene	13.243	162	524481	21.665	ng		99
48) 2-Nitroaniline	13.460	65	174129	21.578	ng		99
49) Acenaphthylene	14.095	152	877353	21.873	ng		100
50) Dimethylphthalate	13.837	163	704532	22.031	ng		99
51) 2,6-Dinitrotoluene	13.948	165	147655	21.793	ng		99
52) Acenaphthene	14.443	154	505575	21.856	ng		99
53) 3-Nitroaniline	14.290	138	154856	21.735	ng		93
54) 2,4-Dinitrophenol	14.501	184	72511	20.292	ng		96
55) Dibenzofuran	14.790	168	823747	21.850	ng		98
56) 4-Nitrophenol	14.631	139	106678	20.895	ng		98
57) 2,4-Dinitrotoluene	14.754	165	209898	21.769	ng		93
58) Fluorene	15.442	166	661561	22.068	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	181997	21.756	ng		98
60) Diethylphthalate	15.213	149	710972	21.918	ng		98
61) 4-Chlorophenyl-phenyle...	15.431	204	331129	21.917	ng		99
62) 4-Nitroaniline	15.472	138	159664	21.891	ng		99
63) Azobenzene	15.737	77	690423	22.012	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	116319	20.272	ng		96
66) n-Nitrosodiphenylamine	15.660	169	587714	22.259	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	206823	21.820	ng		97
68) Hexachlorobenzene	16.472	284	229447	21.707	ng		94
69) Atrazine	16.642	200	223909	22.185	ng		98
70) Pentachlorophenol	16.831	266	145273	20.824	ng		98
71) Phenanthrene	17.231	178	1075795	21.981	ng		99
72) Anthracene	17.319	178	1104346	22.239	ng		99
73) Carbazole	17.601	167	1022406	22.146	ng		99
74) Di-n-butylphthalate	18.183	149	1266684	22.358	ng		99
75) Fluoranthene	19.319	202	1303398	22.205	ng		100
77) Benzidine	19.513	184	499919	18.631	ng		99
78) Pyrene	19.695	202	1345082	21.640	ng		99
80) Butylbenzylphthalate	20.636	149	592103	21.726	ng		97
81) Benzo(a)anthracene	21.607	228	1370258	21.486	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	464513	21.065	ng		99
83) Chrysene	21.683	228	1301547	21.410	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	866210	21.725	ng		99
85) Di-n-octyl phthalate	22.830	149	1493820	21.062	ng		100
87) Indeno(1,2,3-cd)pyrene	28.795	276	1514360	21.074	ng	#	85
88) Benzo(b)fluoranthene	23.924	252	1288073	21.316	ng		98
89) Benzo(k)fluoranthene	23.995	252	1351055	21.911	ng		98
90) Benzo(a)pyrene	24.830	252	1260461	21.300	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	1238767	21.066	ng		99
92) Benzo(g,h,i)perylene	29.995	276	1210808	20.937	ng		99

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

ICAL Form

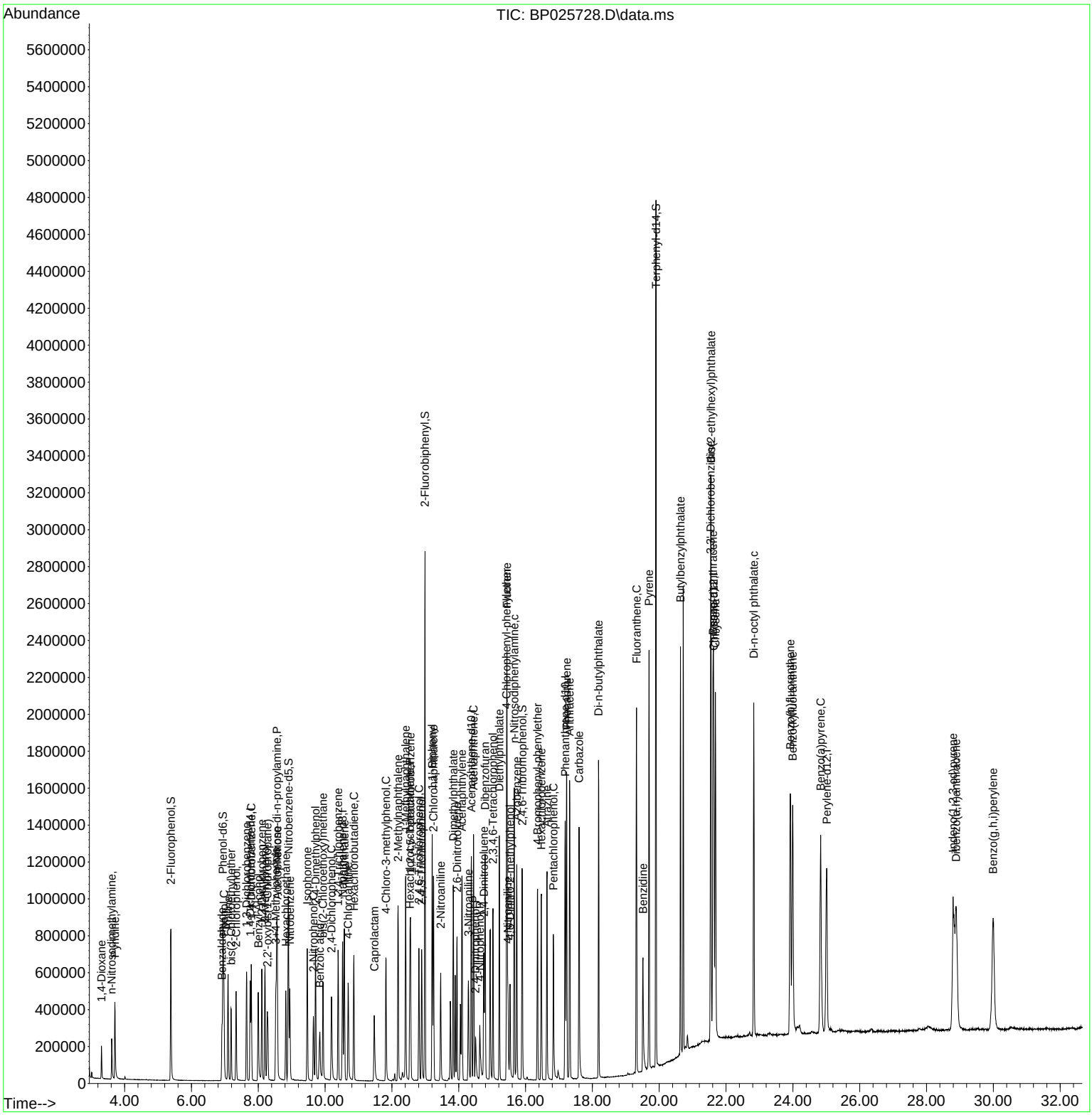
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng		98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng		99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng		99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng		97
49) Acenaphthylene	14.101	152	1721169	42.987	ng		100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng		99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng		99
52) Acenaphthene	14.442	154	998942	43.262	ng		99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng		98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng		98
55) Dibenzofuran	14.784	168	1607411	42.712	ng		99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng		98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng		99
58) Fluorene	15.448	166	1292575	43.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng		98
60) Diethylphthalate	15.219	149	1374845	42.459	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	643036	42.637	ng		99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng		100
63) Azobenzene	15.736	77	1373602	43.872	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng		94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng		99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng		97
69) Atrazine	16.636	200	451179	44.392	ng		98
70) Pentachlorophenol	16.836	266	311192	44.297	ng		98
71) Phenanthrene	17.230	178	2106998	42.751	ng		100
72) Anthracene	17.319	178	2149009	42.974	ng		100
73) Carbazole	17.601	167	2037704	43.830	ng		99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng		100
75) Fluoranthene	19.313	202	2514212	42.535	ng		99
77) Benzidine	19.501	184	1209219	45.307	ng		100
78) Pyrene	19.689	202	2650721	42.875	ng		99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng		99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng		99
83) Chrysene	21.677	228	2548856	42.152	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng		99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	#	83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng		99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng		99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng		99

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

ICAL Form

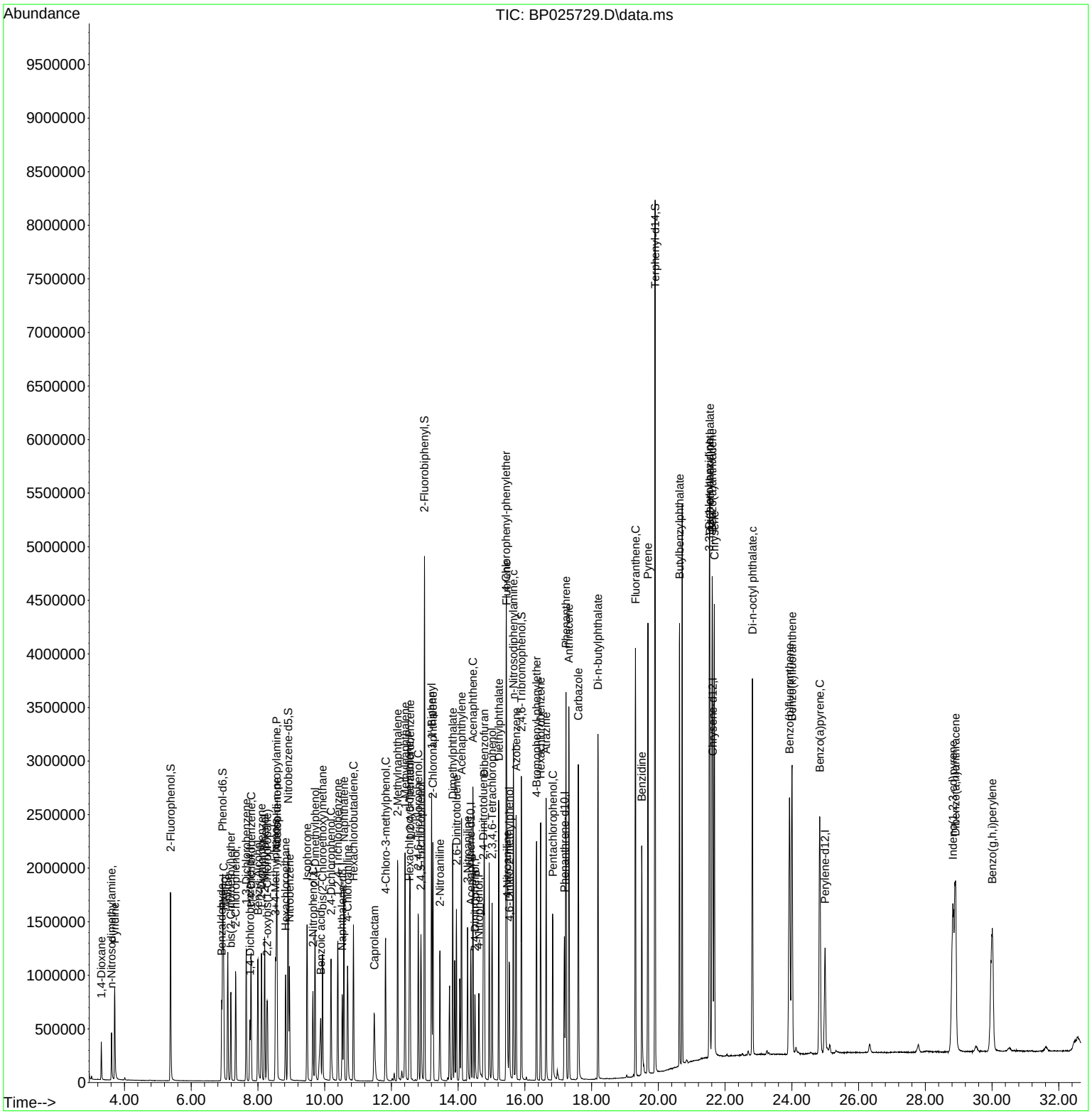
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	144908	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	594465	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	399973	20.000	ng		0.01
64) Phenanthrene-d10	17.189	188	829072	20.000	ng		0.00
76) Chrysene-d12	21.636	240	850069	20.000	ng		0.00
86) Perylene-d12	24.995	264	937177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1076648	119.885	ng		0.00
7) Phenol-d6	6.949	99	1441118	120.727	ng		0.00
23) Nitrobenzene-d5	8.907	82	1624115	120.514	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	596882	119.643	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	3440852	114.546	ng		0.00
79) Terphenyl-d14	19.913	244	5375608	113.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	214449	56.894	ng		99
3) Pyridine	3.708	79	608506	58.630	ng		98
4) n-Nitrosodimethylamine	3.614	42	283590	57.906	ng		98
6) Aniline	7.090	93	984589	60.086	ng		99
8) 2-Chlorophenol	7.331	128	593699	60.261	ng		99
9) Benzaldehyde	6.913	77	468269	65.521	ng		98
10) Phenol	6.972	94	761185	60.475	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	594817	58.820	ng		97
12) 1,3-Dichlorobenzene	7.649	146	647387	57.736	ng		98
13) 1,4-Dichlorobenzene	7.790	146	669205	58.590	ng		98
14) 1,2-Dichlorobenzene	8.107	146	645593	58.182	ng		99
15) Benzyl Alcohol	7.996	79	587082	59.518	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.278	45	940663	56.880	ng		100
17) 2-Methylphenol	8.207	107	515294	60.722	ng		99
18) Hexachloroethane	8.825	117	255454	58.553	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	500512	60.833	ng		99
20) 3+4-Methylphenols	8.531	107	706319	59.431	ng		99
22) Acetophenone	8.578	105	959504	60.398	ng	#	99
24) Nitrobenzene	8.949	77	732954	60.626	ng		98
25) Isophorone	9.472	82	1411439	59.586	ng		100
26) 2-Nitrophenol	9.654	139	341952	63.706	ng		96
27) 2,4-Dimethylphenol	9.713	122	571131	60.651	ng		99
28) bis(2-Chloroethoxy)met...	9.948	93	805869	58.855	ng		100
29) 2,4-Dichlorophenol	10.190	162	583539	62.152	ng		98
30) 1,2,4-Trichlorobenzene	10.396	180	617864	58.392	ng		99
31) Naphthalene	10.578	128	1861226	58.065	ng		99
32) Benzoic acid	9.901	122	457710	65.376	ng		100
33) 4-Chloroaniline	10.690	127	828517	62.014	ng		99
34) Hexachlorobutadiene	10.860	225	402426	59.079	ng		99
35) Caprolactam	11.495	113	213931	59.232	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	672438	60.073	ng		97
37) 2-Methylnaphthalene	12.190	142	1207999	58.676	ng		98
38) 1-Methylnaphthalene	12.407	142	1271354	57.909	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	724963	59.814	ng		100
41) Hexachlorocyclopentadiene	12.537	237	416561	63.104	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	490224	61.525	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	548795	61.887	ng		97
46) 1,1'-Biphenyl	13.201	154	1710115	58.250	ng		100
47) 2-Chloronaphthalene	13.248	162	1358189	58.754	ng		99
48) 2-Nitroaniline	13.460	65	481928	62.541	ng		97
49) Acenaphthylene	14.113	152	2244987	58.613	ng		99
50) Dimethylphthalate	13.836	163	1735637	56.838	ng		99
51) 2,6-Dinitrotoluene	13.960	165	395721	61.166	ng		98
52) Acenaphthene	14.454	154	1266404	57.334	ng		100
53) 3-Nitroaniline	14.295	138	428446	62.976	ng		98
54) 2,4-Dinitrophenol	14.513	184	241144	58.695	ng		99
55) Dibenzofuran	14.789	168	2062085	57.280	ng		99
56) 4-Nitrophenol	14.619	139	335924	58.606	ng		94
57) 2,4-Dinitrotoluene	14.760	165	564986	61.363	ng		98
58) Fluorene	15.448	166	1619859	56.587	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	471644	59.043	ng		100
60) Diethylphthalate	15.225	149	1767001	57.046	ng		100
61) 4-Chlorophenyl-phenyle...	15.442	204	817173	56.642	ng		99
62) 4-Nitroaniline	15.478	138	451315	64.802	ng		97
63) Azobenzene	15.742	77	1761607	58.817	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	341390	61.918	ng		97
66) n-Nitrosodiphenylamine	15.660	169	1476982	58.214	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	530862	58.285	ng		97
68) Hexachlorobenzene	16.483	284	586880	57.781	ng		95
69) Atrazine	16.642	200	563586	58.112	ng		97
70) Pentachlorophenol	16.836	266	400840	59.795	ng		100
71) Phenanthrene	17.230	178	2648539	56.316	ng		100
72) Anthracene	17.325	178	2753779	57.710	ng		100
73) Carbazole	17.607	167	2580907	58.177	ng		99
74) Di-n-butylphthalate	18.189	149	3187132	58.542	ng		100
75) Fluoranthene	19.313	202	3216943	57.034	ng		100
77) Benzidine	19.513	184	1473612	60.181	ng		99
78) Pyrene	19.689	202	3334872	58.794	ng		99
80) Butylbenzylphthalate	20.630	149	1497716	60.222	ng		98
81) Benzo(a)anthracene	21.613	228	3391233	58.272	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	1193448	59.308	ng		99
83) Chrysene	21.677	228	3234610	58.306	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	2185686	60.070	ng		99
85) Di-n-octyl phthalate	22.830	149	3857923	59.606	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	4176186	61.276	ng	#	85
88) Benzo(b)fluoranthene	23.930	252	3417862	59.638	ng		99
89) Benzo(k)fluoranthene	24.007	252	3431342	58.674	ng		100
90) Benzo(a)pyrene	24.848	252	3396800	60.523	ng		99
91) Dibenzo(a,h)anthracene	28.906	278	3396390	60.898	ng		99
92) Benzo(g,h,i)perylene	30.012	276	3366014	61.370	ng		99

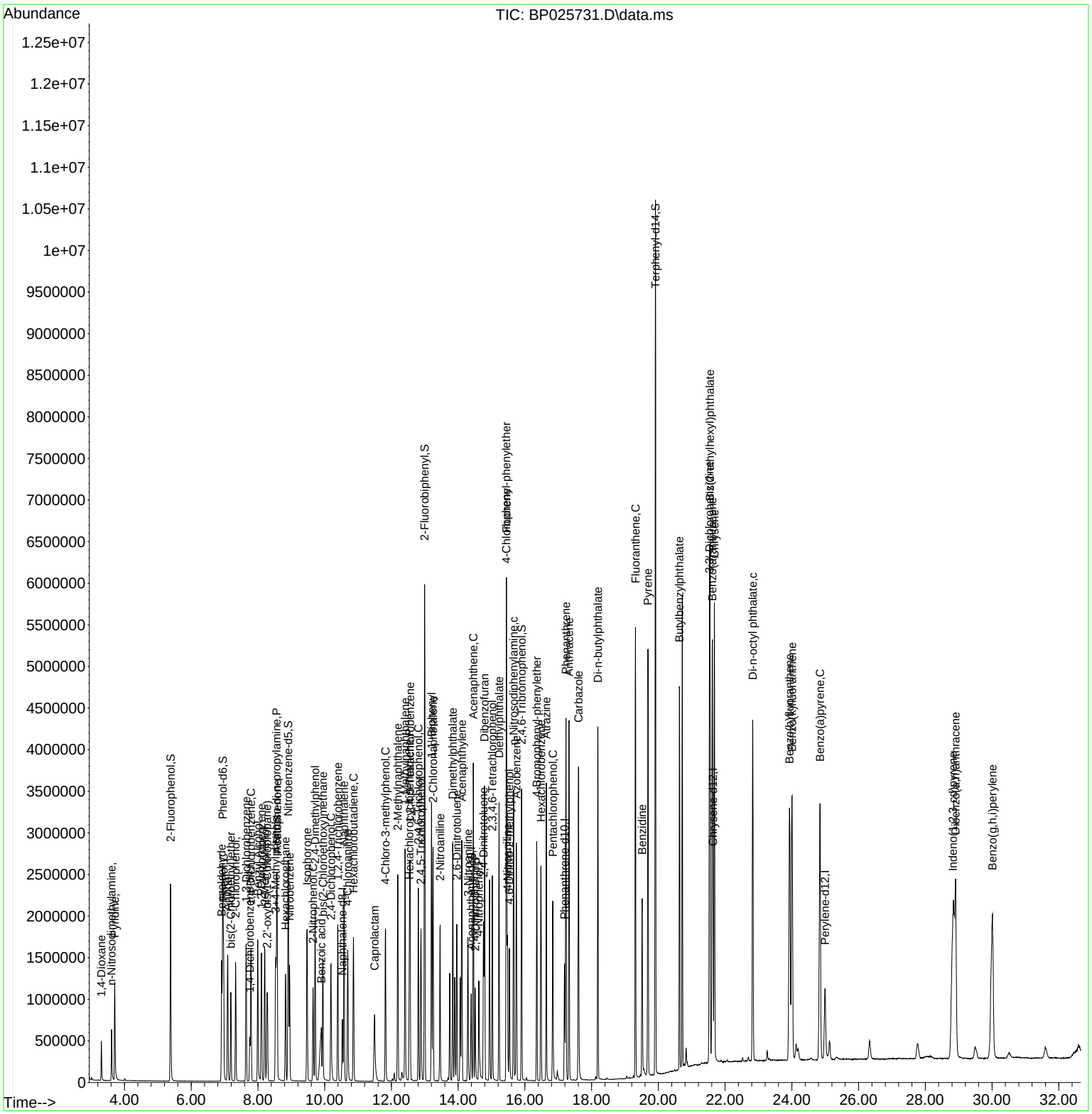
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng		0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng		0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng		0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng		0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng		0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng		0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng		100
3) Pyridine	3.708	79	864675	77.049	ng		97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng		100
6) Aniline	7.096	93	1418325	80.049	ng		99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng		99
9) Benzaldehyde	6.914	77	614881	79.569	ng		100
10) Phenol	6.972	94	1090983	80.162	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng		98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng		97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng		99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng		99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng		99
17) 2-Methylphenol	8.208	107	747211	81.433	ng		100
18) Hexachloroethane	8.825	117	362679	76.881	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng		99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng		99
22) Acetophenone	8.572	105	1366991	77.798	ng	#	98
24) Nitrobenzene	8.949	77	1052990	78.746	ng		98
25) Isophorone	9.484	82	2070061	79.012	ng		100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng		96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng		99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng		99
31) Naphthalene	10.578	128	2657135	74.948	ng		99
32) Benzoic acid	9.925	122	680741	87.910	ng		98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng		98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng		100
35) Caprolactam	11.513	113	324639	81.266	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng		96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng		99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng		100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng		97
46)	1,1'-Biphenyl	13.201	154	2497929	74.426	ng		100
47)	2-Chloronaphthalene	13.243	162	1962349	74.255	ng		98
48)	2-Nitroaniline	13.454	65	733091	83.218	ng		97
49)	Acenaphthylene	14.107	152	3311359	75.625	ng		99
50)	Dimethylphthalate	13.843	163	2615037	74.909	ng		99
51)	2,6-Dinitrotoluene	13.954	165	580821	78.530	ng		100
52)	Acenaphthene	14.443	154	1846398	73.121	ng		100
53)	3-Nitroaniline	14.290	138	649230	83.474	ng		100
54)	2,4-Dinitrophenol	14.507	184	382175	79.506	ng		93
55)	Dibenzofuran	14.790	168	2999483	72.882	ng		99
56)	4-Nitrophenol	14.625	139	527475	78.823	ng		98
57)	2,4-Dinitrotoluene	14.760	165	853243	81.062	ng		98
58)	Fluorene	15.454	166	2363617	72.225	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng		98
60)	Diethylphthalate	15.225	149	2678679	75.646	ng		100
61)	4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng		97
62)	4-Nitroaniline	15.472	138	667122	83.790	ng		99
63)	Azobenzene	15.742	77	2578205	75.299	ng		99
65)	4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng		97
66)	n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng		100
67)	4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng		97
68)	Hexachlorobenzene	16.478	284	892102	75.546	ng		96
69)	Atrazine	16.648	200	876809	77.763	ng		99
70)	Pentachlorophenol	16.837	266	629802	80.808	ng		98
71)	Phenanthrene	17.236	178	3960390	72.431	ng		100
72)	Anthracene	17.331	178	4027019	72.588	ng		100
73)	Carbazole	17.607	167	3852545	74.694	ng		99
74)	Di-n-butylphthalate	18.195	149	4705330	74.340	ng		100
75)	Fluoranthene	19.325	202	4786922	72.998	ng		100
77)	Benzidine	19.519	184	2065703	74.384	ng		100
78)	Pyrene	19.701	202	4911699	76.353	ng		100
80)	Butylbenzylphthalate	20.642	149	2268963	80.443	ng		98
81)	Benzo(a)anthracene	21.619	228	5031313	76.229	ng		100
82)	3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng		99
83)	Chrysene	21.689	228	4667905	74.190	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng		100
85)	Di-n-octyl phthalate	22.824	149	5799888	79.012	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	#	84
88)	Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng		99
89)	Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng		99
90)	Benzo(a)pyrene	24.842	252	4896947	76.231	ng		99
91)	Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng		98
92)	Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng		99

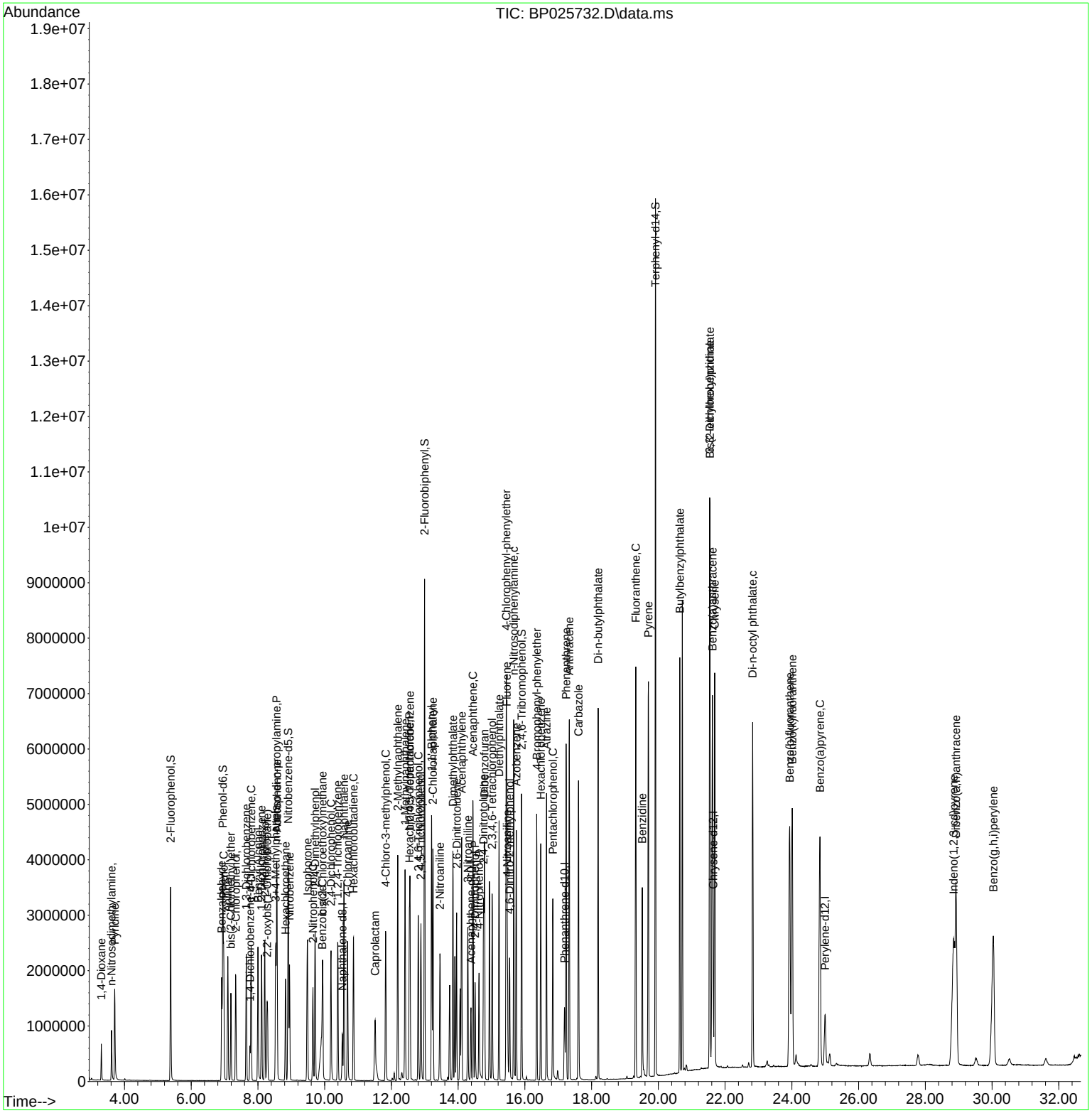
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.719	152	132227	20.000	ng		-0.04
21) Naphthalene-d8	10.507	136	558379	20.000	ng		-0.02
39) Acenaphthene-d10	14.372	164	384529	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	764105	20.000	ng		0.00
76) Chrysene-d12	21.636	240	796095	20.000	ng		0.00
86) Perylene-d12	24.995	264	864239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.343	112	847611	103.433	ng		-0.04
7) Phenol-d6	6.913	99	1140979	104.750	ng		-0.04
23) Nitrobenzene-d5	8.878	82	1303272	102.956	ng		-0.02
42) 2,4,6-Tribromophenol	15.895	330	480931	100.273	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2843494	98.461	ng		0.00
79) Terphenyl-d14	19.907	244	4423580	99.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	169936	49.409	ng		99
3) Pyridine	3.684	79	483875	51.092	ng		98
4) n-Nitrosodimethylamine	3.590	42	224792	50.302	ng		100
6) Aniline	7.060	93	784152	52.443	ng		99
8) 2-Chlorophenol	7.296	128	466182	51.856	ng		100
9) Benzaldehyde	6.878	77	398852m	61.160	ng		
10) Phenol	6.937	94	601415	52.364	ng		98
11) bis(2-Chloroethyl)ether	7.155	93	475247	51.503	ng		97
12) 1,3-Dichlorobenzene	7.613	146	511619	50.003	ng		97
13) 1,4-Dichlorobenzene	7.760	146	525685	50.438	ng		100
14) 1,2-Dichlorobenzene	8.072	146	509835	50.354	ng		99
15) Benzyl Alcohol	7.960	79	466422	51.821	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	757264	50.182	ng		99
17) 2-Methylphenol	8.172	107	406974	52.557	ng		99
18) Hexachloroethane	8.796	117	201387	50.587	ng		96
19) n-Nitroso-di-n-propyla...	8.525	70	406549	54.152	ng		99
20) 3+4-Methylphenols	8.502	107	559714	51.612	ng		99
22) Acetophenone	8.543	105	767098	51.407	ng	#	98
24) Nitrobenzene	8.919	77	583136	51.351	ng		98
25) Isophorone	9.443	82	1138308	51.161	ng		100
26) 2-Nitrophenol	9.625	139	269275	53.408	ng		98
27) 2,4-Dimethylphenol	9.690	122	456881	51.654	ng		98
28) bis(2-Chloroethoxy)met...	9.919	93	661544	51.437	ng		99
29) 2,4-Dichlorophenol	10.160	162	470034	53.298	ng		99
30) 1,2,4-Trichlorobenzene	10.366	180	498270	50.132	ng		99
31) Naphthalene	10.560	128	1513087	50.255	ng		100
32) Benzoic acid	9.866	122	353386	53.738	ng		99
33) 4-Chloroaniline	10.672	127	666499	53.111	ng		99
34) Hexachlorobutadiene	10.837	225	316676	49.495	ng		99
35) Caprolactam	11.466	113	172043	50.713	ng		99
36) 4-Chloro-3-methylphenol	11.801	107	549567	52.269	ng		96
37) 2-Methylnaphthalene	12.172	142	974364	50.386	ng		99
38) 1-Methylnaphthalene	12.390	142	1019849	49.456	ng		98
40) 1,2,4,5-Tetrachloroben...	12.543	216	583660	50.090	ng		100
41) Hexachlorocyclopentadiene	12.525	237	337711	53.214	ng		99
43) 2,4,6-Trichlorophenol	12.790	196	393647	51.389	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	441307	51.765	ng		98
46) 1,1'-Biphenyl	13.190	154	1408553	49.905	ng		99
47) 2-Chloronaphthalene	13.237	162	1118909	50.347	ng		99
48) 2-Nitroaniline	13.448	65	383740	51.799	ng		94
49) Acenaphthylene	14.095	152	1830164	49.702	ng		100
50) Dimethylphthalate	13.831	163	1435428	48.895	ng		100
51) 2,6-Dinitrotoluene	13.948	165	316613	50.904	ng		98
52) Acenaphthene	14.442	154	1042525	49.094	ng		99
53) 3-Nitroaniline	14.284	138	343785	52.561	ng		96
54) 2,4-Dinitrophenol	14.507	184	193294	49.740	ng		96
55) Dibenzofuran	14.784	168	1697428	49.045	ng		98
56) 4-Nitrophenol	14.613	139	261984	48.388	ng		99
57) 2,4-Dinitrotoluene	14.748	165	465265	52.562	ng		95
58) Fluorene	15.436	166	1331644	48.387	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.013	232	388785	50.625	ng		100
60) Diethylphthalate	15.219	149	1459705	49.018	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	676706	48.790	ng		99
62) 4-Nitroaniline	15.472	138	358915	53.605	ng		99
63) Azobenzene	15.731	77	1452024	50.428	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	272418	53.609	ng		98
66) n-Nitrosodiphenylamine	15.654	169	1199673	51.304	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	431960	51.458	ng		99
68) Hexachlorobenzene	16.472	284	474297	50.667	ng		96
69) Atrazine	16.636	200	458144	51.256	ng		97
70) Pentachlorophenol	16.825	266	318100	51.487	ng		98
71) Phenanthrene	17.219	178	2161060	49.858	ng		100
72) Anthracene	17.325	178	2260277	51.395	ng		100
73) Carbazole	17.595	167	2110925	51.629	ng		100
74) Di-n-butylphthalate	18.189	149	2558689	50.995	ng		100
75) Fluoranthene	19.313	202	2580366	49.638	ng		100
77) Benzidine	19.513	184	1255790	54.762	ng		100
78) Pyrene	19.695	202	2660397	50.083	ng		99
80) Butylbenzylphthalate	20.636	149	1209410	51.926	ng		100
81) Benzo(a)anthracene	21.613	228	2742275	50.315	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	971634	51.559	ng		99
83) Chrysene	21.683	228	2620241	50.434	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1714419	50.312	ng		99
85) Di-n-octyl phthalate	22.824	149	3047268	50.273	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3254187	51.778	ng	#	85
88) Benzo(b)fluoranthene	23.942	252	2704281	51.169	ng		99
89) Benzo(k)fluoranthene	24.007	252	2718438	50.407	ng		100
90) Benzo(a)pyrene	24.848	252	2637187	50.954	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2677885	52.067	ng		98
92) Benzo(g,h,i)perylene	30.024	276	2614577	51.692	ng		98

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

ICAL Form

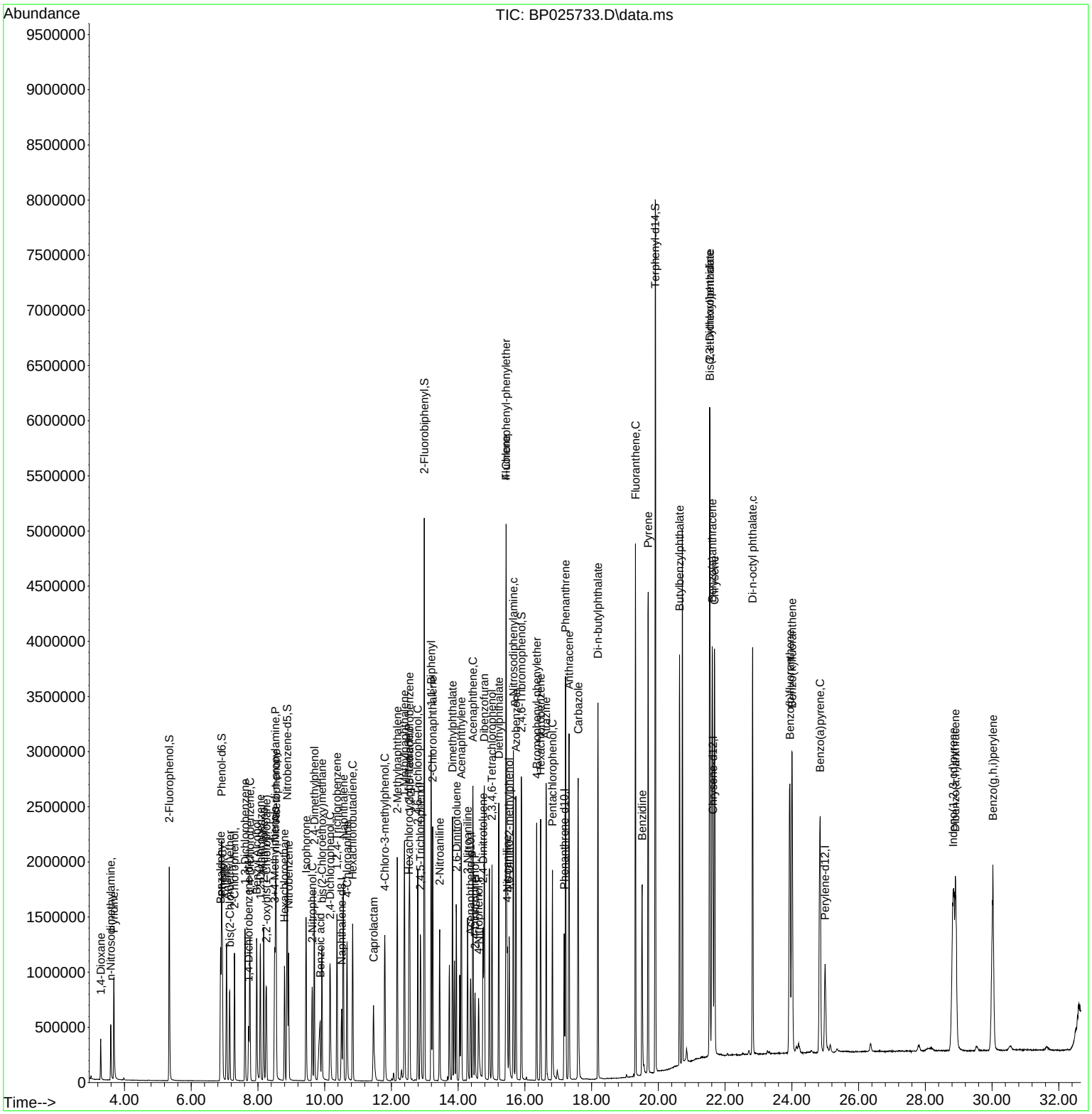
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng		0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng		0.00
86) Perylene-d12	25.006	264	833580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	602093	78.179	ng		-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng		-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng		-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng		0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng		97
3) Pyridine	3.702	79	354452	39.824	ng		98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng		97
6) Aniline	7.084	93	582343	41.441	ng		99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng		99
9) Benzaldehyde	6.907	77	259870m	42.354	ng		
10) Phenol	6.966	94	446406	41.357	ng		99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng		97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng		99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng		99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng		98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng		100
17) 2-Methylphenol	8.196	107	307102	42.200	ng		99
18) Hexachloroethane	8.819	117	151554	40.508	ng		97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng		99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng		99
22) Acetophenone	8.566	105	589415	41.077	ng	#	99
24) Nitrobenzene	8.937	77	442005	40.477	ng		98
25) Isophorone	9.466	82	867997	40.570	ng		99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng		98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng		100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng		100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng		97
31) Naphthalene	10.572	128	1147015	39.618	ng		100
32) Benzoic acid	9.866	122	261084	41.287	ng		99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng		99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng		100
35) Caprolactam	11.478	113	129656	39.662	ng		97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng		96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng		98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng		100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng		99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng		98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng		100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng		99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng		99
49) Acenaphthylene	14.101	152	1431405	39.820	ng		100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng		100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng		98
52) Acenaphthene	14.454	154	808647	39.008	ng		99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng		99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng		98
55) Dibenzofuran	14.783	168	1329616	39.353	ng		99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng		96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng		96
58) Fluorene	15.442	166	1043250	38.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng		100
60) Diethylphthalate	15.219	149	1163950	40.039	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng		97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng		99
63) Azobenzene	15.736	77	1114737	39.657	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng		97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng		97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng		97
69) Atrazine	16.642	200	364755	40.399	ng		99
70) Pentachlorophenol	16.836	266	248287	39.784	ng		99
71) Phenanthrene	17.224	178	1716732	39.210	ng		99
72) Anthracene	17.319	178	1778123	40.026	ng		100
73) Carbazole	17.601	167	1614641	39.095	ng		100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng		100
75) Fluoranthene	19.324	202	2020319	38.475	ng		100
77) Benzidine	19.513	184	735659m	32.730	ng		
78) Pyrene	19.701	202	2122125	40.759	ng		99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng		98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng		99
83) Chrysene	21.689	228	2042185	40.103	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng		99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	#	84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng		99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng		99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng		99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng		99

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

ICAL Form

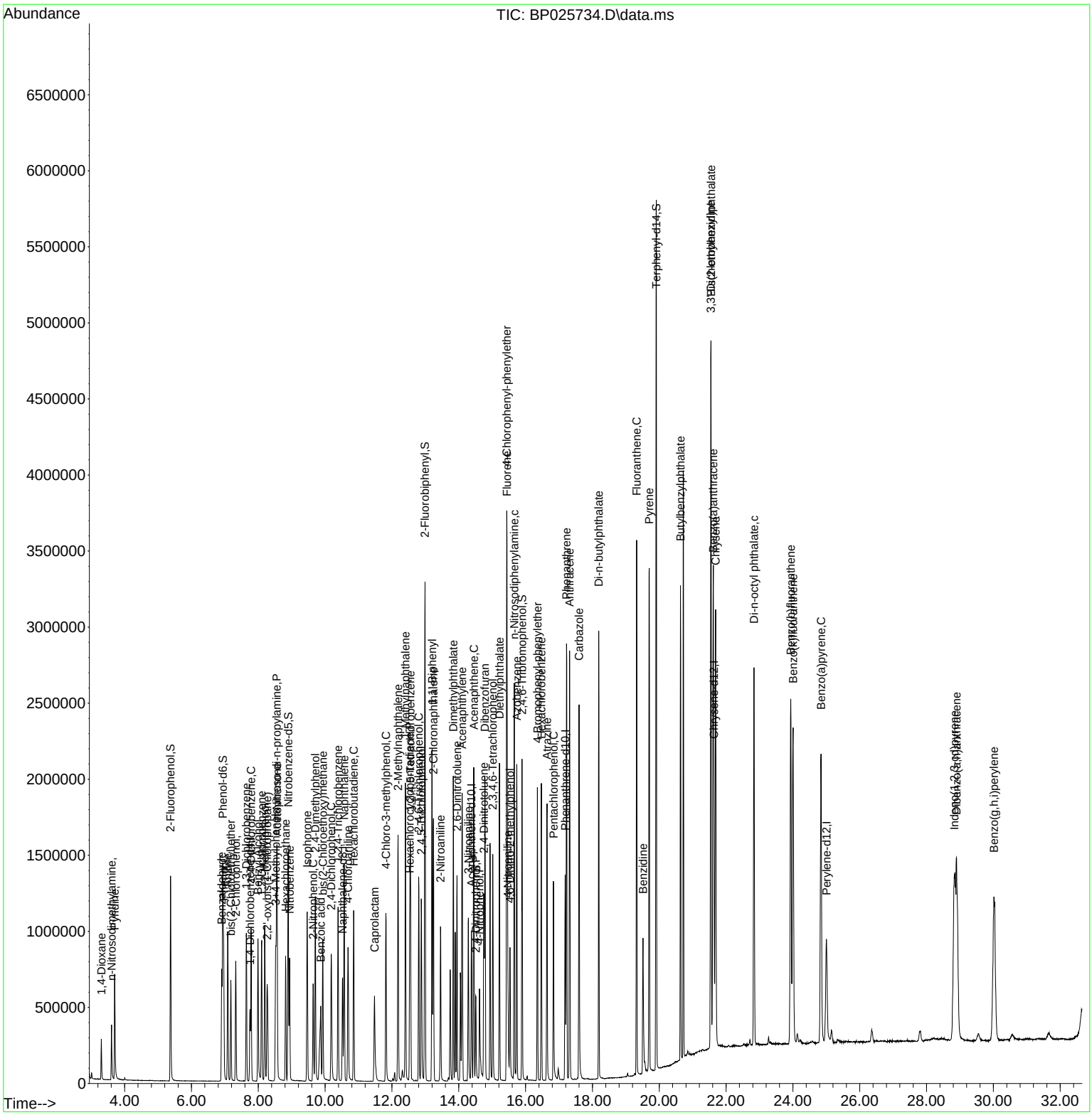
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	86	0.00
2		1,4-Dioxane	0.520	0.492	5.4	77	0.00
3		Pyridine	1.432	1.426	0.4	78	0.00
4		n-Nitrosodimethylamine	0.676	0.668	1.2	80	0.00
5	S	2-Fluorophenol	1.240	1.211	2.3	76	-0.01
6		Aniline	2.262	2.343	-3.6	80	-0.01
7	S	Phenol-d6	1.648	1.642	0.4	76	-0.01
8		2-Chlorophenol	1.360	1.398	-2.8	80	-0.01
9		Benzaldehyde	0.987	1.046	-6.0	103	0.00
10	C	Phenol	1.737	1.796	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	1.396	1.427	-2.2	79	0.00
12		1,3-Dichlorobenzene	1.548	1.565	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	1.576	1.591	-1.0	81	0.00
14		1,2-Dichlorobenzene	1.531	1.530	0.1	80	0.00
15		Benzyl Alcohol	1.361	1.409	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.343	-2.7	81	-0.01
17		2-Methylphenol	1.171	1.236	-5.6	80	0.00
18		Hexachloroethane	0.602	0.610	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.257	-9.4	82	0.00
20		3+4-Methylphenols	1.640	1.686	-2.8	80	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.534	0.549	-2.8	81	0.00
23	S	Nitrobenzene-d5	0.453	0.391	13.7	69	0.00
24		Nitrobenzene	0.407	0.412	-1.2	80	-0.01
25		Isophorone	0.797	0.808	-1.4	82	0.00
26	C	2-Nitrophenol	0.181	0.190	-5.0	81	0.00
27		2,4-Dimethylphenol	0.317	0.329	-3.8	80	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.472	-2.4	82	-0.01
29	C	2,4-Dichlorophenol	0.316	0.327	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	0.356	0.352	1.1	81	0.00
31		Naphthalene	1.078	1.068	0.9	81	0.00
32		Benzoic acid	0.236	0.243	-3.0	81	-0.01
33		4-Chloroaniline	0.449	0.476	-6.0	81	0.00
34	C	Hexachlorobutadiene	0.229	0.224	2.2	81	0.00
35		Caprolactam	0.122	0.121	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	0.377	0.386	-2.4	81	0.00
37		2-Methylnaphthalene	0.693	0.700	-1.0	81	0.00
38		1-Methylnaphthalene	0.739	0.749	-1.4	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	83	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.334	-1.2	79	0.00
42	S	2,4,6-Tribromophenol	0.249	0.239	4.0	78	-0.01
43	C	2,4,6-Trichlorophenol	0.398	0.415	-4.3	84	0.00
44		2,4,5-Trichlorophenol	0.443	0.447	-0.9	80	0.00
45	S	2-Fluorobiphenyl	1.502	1.297	13.6	73	0.00
46		1,1'-Biphenyl	1.468	1.493	-1.7	84	0.00
47		2-Chloronaphthalene	1.156	1.132	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.385	0.395	-2.6	81	0.00
49		Acenaphthylene	1.915	1.907	0.4	83	0.00
50		Dimethylphthalate	1.527	1.507	1.3	82	0.00
51		2,6-Dinitrotoluene	0.324	0.326	-0.6	82	0.00
52	C	Acenaphthene	1.104	1.077	2.4	81	0.00
53		3-Nitroaniline	0.340	0.347	-2.1	79	0.00
54	P	2,4-Dinitrophenol	0.183	0.186	-1.6	80	0.00
55		Dibenzofuran	1.800	1.771	1.6	83	0.00
56	P	4-Nitrophenol	0.258	0.257	0.4	75	0.00
57		2,4-Dinitrotoluene	0.460	0.471	-2.4	81	0.00
58		Fluorene	1.431	1.390	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	0.399	0.397	0.5	80	0.00
60		Diethylphthalate	1.549	1.550	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	0.721	0.714	1.0	83	0.00
62		4-Nitroaniline	0.349	0.363	-4.0	81	-0.01
63		Azobenzene	1.498	1.485	0.9	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.133	0.133	0.0	78	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.609	0.5	81	0.00
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	82	0.00
68		Hexachlorobenzene	0.245	0.243	0.8	83	0.00
69		Atrazine	0.234	0.236	-0.9	81	0.00
70	C	Pentachlorophenol	0.162	0.161	0.6	80	0.00
71		Phenanthrene	1.135	1.112	2.0	81	0.00
72		Anthracene	1.151	1.152	-0.1	83	0.00
73		Carbazole	1.070	1.046	2.2	79	0.00
74		Di-n-butylphthalate	1.313	1.306	0.5	81	0.00
75	C	Fluoranthene	1.361	1.309	3.8	80	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77		Benzidine	0.576	0.471	18.2	61	0.00
78		Pyrene	1.335	1.360	-1.9	80	0.01
79	S	Terphenyl-d14	1.112	0.979	12.0	70	0.00
80		Butylbenzylphthalate	0.585	0.609	-4.1	79	0.00
81		Benzo(a)anthracene	1.369	1.363	0.4	79	0.00
82		3,3'-Dichlorobenzidine	0.473	0.452	4.4	73	0.00
83		Chrysene	1.305	1.309	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	0.856	0.868	-1.4	77	0.00
85	c	Di-n-octyl phthalate	1.523	1.522	0.1	77	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	1.454	1.461	-0.5	76	0.00
88		Benzo(b)fluoranthene	1.223	1.223	0.0	76	0.00
89		Benzo(k)fluoranthene	1.248	1.293	-3.6	80	0.00
90	C	Benzo(a)pyrene	1.198	1.193	0.4	76	0.00
91		Dibenzo(a,h)anthracene	1.190	1.212	-1.8	78	-0.02
92		Benzo(g,h,i)perylene	1.170	1.160	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	86	0.00
2		1,4-Dioxane	40.000	37.832	5.4	77	0.00
3		Pyridine	40.000	39.824	0.4	78	0.00
4		n-Nitrosodimethylamine	40.000	39.520	1.2	80	0.00
5	S	2-Fluorophenol	80.000	78.179	2.3	76	-0.01
6		Aniline	40.000	41.441	-3.6	80	-0.01
7	S	Phenol-d6	80.000	79.719	0.4	76	-0.01
8		2-Chlorophenol	40.000	41.125	-2.8	80	-0.01
9		Benzaldehyde	40.000	42.354	-5.9	103	0.00
10	C	Phenol	40.000	41.357	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	40.000	40.910	-2.3	79	0.00
12		1,3-Dichlorobenzene	40.000	40.451	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	40.000	40.380	-1.0	81	0.00
14		1,2-Dichlorobenzene	40.000	39.971	0.1	80	0.00
15		Benzyl Alcohol	40.000	41.411	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.060	-2.7	81	-0.01
17		2-Methylphenol	40.000	42.200	-5.5	80	0.00
18		Hexachloroethane	40.000	40.508	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.761	-9.4	82	0.00
20		3+4-Methylphenols	40.000	41.117	-2.8	80	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	41.077	-2.7	81	0.00
23	S	Nitrobenzene-d5	80.000	69.063	13.7	69	0.00
24		Nitrobenzene	40.000	40.477	-1.2	80	-0.01
25		Isophorone	40.000	40.570	-1.4	82	0.00
26	C	2-Nitrophenol	40.000	42.019	-5.0	81	0.00
27		2,4-Dimethylphenol	40.000	41.566	-3.9	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.986	-2.5	82	-0.01
29	C	2,4-Dichlorophenol	40.000	41.410	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	40.000	39.530	1.2	81	0.00
31		Naphthalene	40.000	39.618	1.0	81	0.00
32		Benzoic acid	40.000	41.287	-3.2	81	-0.01
33		4-Chloroaniline	40.000	42.370	-5.9	81	0.00
34	C	Hexachlorobutadiene	40.000	39.159	2.1	81	0.00
35		Caprolactam	40.000	39.662	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	81	0.00
37		2-Methylnaphthalene	40.000	40.396	-1.0	81	0.00
38		1-Methylnaphthalene	40.000	40.566	-1.4	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.058	-0.1	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.525	-1.3	79	0.00
42	S	2,4,6-Tribromophenol	80.000	76.715	4.1	78	-0.01
43	C	2,4,6-Trichlorophenol	40.000	41.695	-4.2	84	0.00
44		2,4,5-Trichlorophenol	40.000	40.344	-0.9	80	0.00
45	S	2-Fluorobiphenyl	80.000	69.102	13.6	73	0.00
46		1,1'-Biphenyl	40.000	40.692	-1.7	84	0.00
47		2-Chloronaphthalene	40.000	39.167	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	41.012	-2.5	81	0.00
49		Acenaphthylene	40.000	39.820	0.4	83	0.00
50		Dimethylphthalate	40.000	39.480	1.3	82	0.00
51		2,6-Dinitrotoluene	40.000	40.363	-0.9	82	0.00
52	C	Acenaphthene	40.000	39.008	2.5	81	0.00
53		3-Nitroaniline	40.000	40.770	-1.9	79	0.00
54	P	2,4-Dinitrophenol	40.000	38.055	4.9	80	0.00
55		Dibenzofuran	40.000	39.353	1.6	83	0.00
56	P	4-Nitrophenol	40.000	37.582	6.0	75	0.00
57		2,4-Dinitrotoluene	40.000	40.928	-2.3	81	0.00
58		Fluorene	40.000	38.831	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.712	0.7	80	0.00
60		Diethylphthalate	40.000	40.039	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	40.000	39.592	1.0	83	0.00
62		4-Nitroaniline	40.000	41.707	-4.3	81	-0.01
63		Azobenzene	40.000	39.657	0.9	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.916	0.2	78	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.780	0.5	81	0.00
67		4-Bromophenyl-phenylether	40.000	40.075	-0.2	82	0.00
68		Hexachlorobenzene	40.000	39.667	0.8	83	0.00
69		Atrazine	40.000	40.399	-1.0	81	0.00
70	C	Pentachlorophenol	40.000	39.784	0.5	80	0.00
71		Phenanthrene	40.000	39.210	2.0	81	0.00
72		Anthracene	40.000	40.026	-0.1	83	0.00
73		Carbazole	40.000	39.095	2.3	79	0.00
74		Di-n-butylphthalate	40.000	39.763	0.6	81	0.00
75	C	Fluoranthene	40.000	38.475	3.8	80	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77		Benzidine	40.000	32.730	18.2	61	0.00
78		Pyrene	40.000	40.759	-1.9	80	0.01
79	S	Terphenyl-d14	80.000	70.424	12.0	70	0.00
80		Butylbenzylphthalate	40.000	41.644	-4.1	79	0.00
81		Benzo(a)anthracene	40.000	39.832	0.4	79	0.00
82		3,3'-Dichlorobenzidine	40.000	38.168	4.6	73	0.00
83		Chrysene	40.000	40.103	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	77	0.00
85	c	Di-n-octyl phthalate	40.000	39.973	0.1	77	0.00
86	I	Perylene-d12	20.000	20.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.180	-0.4	76	0.00
88		Benzo(b)fluoranthene	40.000	39.991	0.0	76	0.00
89		Benzo(k)fluoranthene	40.000	41.447	-3.6	80	0.00
90	C	Benzo(a)pyrene	40.000	39.834	0.4	76	0.00
91		Dibenzo(a,h)anthracene	40.000	40.748	-1.9	78	-0.02
92		Benzo(g,h,i)perylene	40.000	39.644	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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

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

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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_F Calibration Date/Time: 09/15/2025 12:49

Lab File ID: BF143748.D Init. Calib. Date(s): 09/09/2025 09/09/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:12 13:54

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.351	1.480		9.5	
2-Fluorophenol	1.172	1.202		2.6	
Phenol-d6	1.427	1.435		0.6	
1,4-Dichlorobenzene	1.461	1.449		-0.8	20.0
2-Methylphenol	1.018	1.039		2.1	
3+4-Methylphenols	1.341	1.318		-1.7	
Nitrobenzene-d5	0.322	0.323		0.3	
Hexachloroethane	0.472	0.465		-1.5	
Nitrobenzene	0.333	0.329		-1.2	
Hexachlorobutadiene	0.200	0.199		-0.5	20.0
2,4,6-Trichlorophenol	0.382	0.400		4.7	20.0
2-Fluorobiphenyl	1.324	1.340		1.2	
2,4,5-Trichlorophenol	0.389	0.391		0.5	
2,4-Dinitrotoluene	0.339	0.362		6.8	
2,4,6-Tribromophenol	0.202	0.210		4.0	
Hexachlorobenzene	0.255	0.258		1.2	
Pentachlorophenol	0.154	0.145		-5.8	20.0
Terphenyl-d14	1.234	1.357		10.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.899	152	29333	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	108964	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	61007	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	98887	20.000	ng		0.02
76) Chrysene-d12	14.075	240	57586	20.000	ng		0.03
86) Perylene-d12	15.557	264	53631	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	141055	82.044	ng		0.00
7) Phenol-d6	6.516	99	168409	80.449	ng		0.01
23) Nitrobenzene-d5	7.457	82	140912	80.438	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	51261	83.377	ng		0.02
45) 2-Fluorobiphenyl	9.257	172	327081	80.990	ng		0.01
79) Terphenyl-d14	13.016	244	312575	87.961	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	32607	42.517	ng		94
3) Pyridine	3.446	79	86797	43.813	ng		95
4) n-Nitrosodimethylamine	3.399	42	30123	40.029	ng		95
6) Aniline	6.557	93	112118	40.438	ng		98
8) 2-Chlorophenol	6.681	128	74110	39.912	ng		94
9) Benzaldehyde	6.446	77	68166	40.359	ng		100
10) Phenol	6.534	94	99741	43.103	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	69521	40.226	ng		96
12) 1,3-Dichlorobenzene	6.840	146	83225	39.190	ng		98
13) 1,4-Dichlorobenzene	6.916	146	85022	39.666	ng		98
14) 1,2-Dichlorobenzene	7.069	146	79288	39.171	ng		99
15) Benzyl Alcohol	7.034	79	60580	39.783	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	80446	35.579	ng		95
17) 2-Methylphenol	7.140	107	60931	40.792	ng		98
18) Hexachloroethane	7.410	117	27267	39.380	ng		100
19) n-Nitroso-di-n-propyla...	7.310	70	49880	38.797	ng		98
20) 3+4-Methylphenols	7.298	107	77330	39.314	ng	#	87
22) Acetophenone	7.304	105	101167	41.109	ng		99
24) Nitrobenzene	7.481	77	71779	39.516	ng		99
25) Isophorone	7.716	82	135898	40.456	ng		99
26) 2-Nitrophenol	7.793	139	35883	40.178	ng		100
27) 2,4-Dimethylphenol	7.828	122	62809	39.175	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	83485	40.441	ng		99
29) 2,4-Dichlorophenol	8.034	162	63636	39.457	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	67154	40.191	ng		99
31) Naphthalene	8.204	128	220665	40.909	ng		99
32) Benzoic acid	7.904	122	19070	19.496	ng		100
33) 4-Chloroaniline	8.245	127	76426	40.699	ng		98
34) Hexachlorobutadiene	8.316	225	43296	39.728	ng		100
35) Caprolactam	8.616	113	17886	41.668	ng	#	80
36) 4-Chloro-3-methylphenol	8.722	107	64363	40.474	ng		96
37) 2-Methylnaphthalene	8.893	142	147926	40.062	ng		100
38) 1-Methylnaphthalene	8.992	142	142312	40.161	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	69855	39.996	ng		99
41) Hexachlorocyclopentadiene	9.045	237	36476	40.680	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	48747	41.798	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

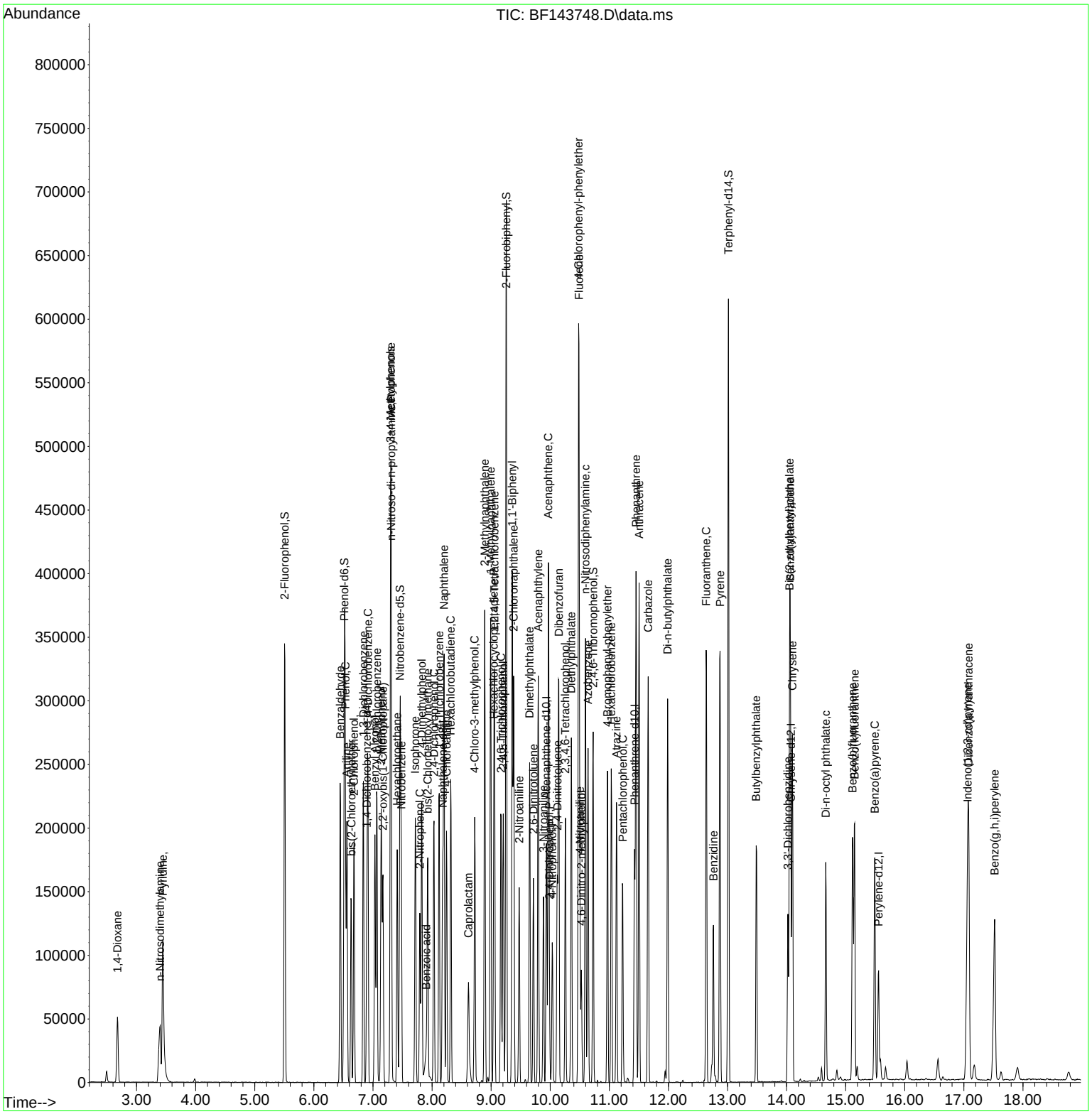
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	47751	40.276	ng		100
46) 1,1'-Biphenyl	9.357	154	179396	40.846	ng		99
47) 2-Chloronaphthalene	9.381	162	140890	40.919	ng		99
48) 2-Nitroaniline	9.475	65	36036	39.548	ng		98
49) Acenaphthylene	9.798	152	200379	40.627	ng		99
50) Dimethylphthalate	9.651	163	159330	40.141	ng		99
51) 2,6-Dinitrotoluene	9.716	165	31700	41.770	ng		95
52) Acenaphthene	9.969	154	136856	40.267	ng		100
53) 3-Nitroaniline	9.887	138	33303	40.777	ng		97
54) 2,4-Dinitrophenol	9.987	184	11509	31.812	ng	#	74
55) Dibenzofuran	10.145	168	198970	40.713	ng		96
56) 4-Nitrophenol	10.034	139	27251	41.940	ng		97
57) 2,4-Dinitrotoluene	10.122	165	44120	42.715	ng		95
58) Fluorene	10.487	166	158182	41.349	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	39044	40.614	ng	#	99
60) Diethylphthalate	10.357	149	150741	40.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	80099	41.284	ng		98
62) 4-Nitroaniline	10.504	138	33656	43.510	ng		98
63) Azobenzene	10.639	77	133452	40.508	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	19418	38.568	ng		98
66) n-Nitrosodiphenylamine	10.598	169	131417	40.567	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	47491	39.825	ng		97
68) Hexachlorobenzene	11.034	284	50937	40.454	ng		97
69) Atrazine	11.122	200	41035	40.399	ng		99
70) Pentachlorophenol	11.228	266	28601	37.576	ng		95
71) Phenanthrene	11.451	178	221914	40.729	ng		99
72) Anthracene	11.504	178	225427	41.147	ng		99
73) Carbazole	11.657	167	190885	42.544	ng		100
74) Di-n-butylphthalate	11.986	149	225935	41.827	ng		100
75) Fluoranthene	12.639	202	202611	40.508	ng		98
77) Benzidine	12.763	184	69691	37.112	ng		99
78) Pyrene	12.875	202	207642	45.098	ng		100
80) Butylbenzylphthalate	13.486	149	65271	45.245	ng		98
81) Benzo(a)anthracene	14.063	228	153012	41.302	ng		98
82) 3,3'-Dichlorobenzidine	14.022	252	41610	36.508	ng		98
83) Chrysene	14.098	228	133999	39.492	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	81465	39.579	ng		97
85) Di-n-octyl phthalate	14.663	149	124732	33.817	ng		99
87) Indeno(1,2,3-cd)pyrene	17.063	276	155299	42.429	ng		98
88) Benzo(b)fluoranthene	15.116	252	131172	41.087	ng		99
89) Benzo(k)fluoranthene	15.151	252	116589	40.464	ng		99
90) Benzo(a)pyrene	15.492	252	113699	40.538	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	128850	42.430	ng		99
92) Benzo(g,h,i)perylene	17.521	276	122444	43.107	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



Sample Results: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	62	0.00
2		1,4-Dioxane	0.523	0.556	-6.3	65	0.00
3		Pyridine	1.351	1.480	-9.5	66	0.01
4		n-Nitrosodimethylamine	0.513	0.513	0.0	61	0.02
5	S	2-Fluorophenol	1.172	1.202	-2.6	61	0.00
6		Aniline	1.890	1.911	-1.1	61	0.00
7	S	Phenol-d6	1.427	1.435	-0.6	61	0.01
8		2-Chlorophenol	1.266	1.263	0.2	60	0.01
9		Benzaldehyde	1.152	1.162	-0.9	58	0.00
10	C	Phenol	1.578	1.700	-7.7	62	0.01
11		bis(2-Chloroethyl)ether	1.178	1.185	-0.6	61	0.01
12		1,3-Dichlorobenzene	1.448	1.419	2.0	59	0.00
13	C	1,4-Dichlorobenzene	1.461	1.449	0.8	60	0.00
14		1,2-Dichlorobenzene	1.380	1.352	2.0	60	0.00
15		Benzyl Alcohol	1.038	1.033	0.5	60	0.00
16		2,2'-oxybis(1-Chloropropane	1.542	1.371	11.1	53	0.00
17		2-Methylphenol	1.018	1.039	-2.1	62	0.00
18		Hexachloroethane	0.472	0.465	1.5	59	0.00
19	P	n-Nitroso-di-n-propylamine	0.877	0.850	3.1	59	0.01
20		3+4-Methylphenols	1.341	1.318	1.7	58	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	59	0.00
22		Acetophenone	0.452	0.464	-2.7	61	0.00
23	S	Nitrobenzene-d5	0.322	0.323	-0.3	58	0.00
24		Nitrobenzene	0.333	0.329	1.2	57	0.01
25		Isophorone	0.617	0.624	-1.1	59	0.00
26	C	2-Nitrophenol	0.164	0.165	-0.6	57	0.00
27		2,4-Dimethylphenol	0.294	0.288	2.0	58	0.01
28		bis(2-Chloroethoxy)methane	0.379	0.383	-1.1	59	0.01
29	C	2,4-Dichlorophenol	0.296	0.292	1.4	56	0.01
30		1,2,4-Trichlorobenzene	0.307	0.308	-0.3	59	0.01
31		Naphthalene	0.990	1.013	-2.3	60	0.01
32		Benzoic acid	0.180	0.088	51.1#	29#	0.00
33		4-Chloroaniline	0.345	0.351	-1.7	60	0.00
34	C	Hexachlorobutadiene	0.200	0.199	0.5	58	0.00
35		Caprolactam	0.079	0.082	-3.8	61	0.01
36	C	4-Chloro-3-methylphenol	0.292	0.295	-1.0	57	0.01
37		2-Methylnaphthalene	0.678	0.679	-0.1	59	0.01
38		1-Methylnaphthalene	0.650	0.653	-0.5	59	0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	59	0.00
40		1,2,4,5-Tetrachlorobenzene	0.573	0.573	0.0	58	0.01
41	P	Hexachlorocyclopentadiene	0.294	0.299	-1.7	57	0.00
42	S	2,4,6-Tribromophenol	0.202	0.210	-4.0	59	0.02
43	C	2,4,6-Trichlorophenol	0.382	0.400	-4.7	58	0.01
44		2,4,5-Trichlorophenol	0.389	0.391	-0.5	57	0.01
45	S	2-Fluorobiphenyl	1.324	1.340	-1.2	59	0.01
46		1,1'-Biphenyl	1.440	1.470	-2.1	58	0.01
47		2-Chloronaphthalene	1.129	1.155	-2.3	58	0.00

Sample Results: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	0.299	0.295	1.3	55	0.01
49		Acenaphthylene	1.617	1.642	-1.5	58	0.01
50		Dimethylphthalate	1.301	1.306	-0.4	58	0.01
51		2,6-Dinitrotoluene	0.249	0.260	-4.4	58	0.01
52	C	Acenaphthene	1.114	1.122	-0.7	58	0.01
53		3-Nitroaniline	0.268	0.273	-1.9	57	0.01
54	P	2,4-Dinitrophenol	0.114	0.094	17.5	45#	0.01
55		Dibenzofuran	1.602	1.631	-1.8	59	0.02
56	P	4-Nitrophenol	0.213	0.223	-4.7	59	0.02
57		2,4-Dinitrotoluene	0.339	0.362	-6.8	59	0.02
58		Fluorene	1.254	1.296	-3.3	59	0.01
59		2,3,4,6-Tetrachlorophenol	0.315	0.320	-1.6	57	0.01
60		Diethylphthalate	1.222	1.235	-1.1	58	0.01
61		4-Chlorophenyl-phenylether	0.636	0.656	-3.1	59	0.01
62		4-Nitroaniline	0.254	0.276	-8.7	61	0.02
63		Azobenzene	1.080	1.094	-1.3	58	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	60	0.02
65		4,6-Dinitro-2-methylphenol	0.102	0.098	3.9	55	0.02
66	c	n-Nitrosodiphenylamine	0.655	0.664	-1.4	59	0.02
67		4-Bromophenyl-phenylether	0.241	0.240	0.4	56	0.01
68		Hexachlorobenzene	0.255	0.258	-1.2	59	0.01
69		Atrazine	0.205	0.207	-1.0	60	0.02
70	C	Pentachlorophenol	0.154	0.145	5.8	53	0.02
71		Phenanthrene	1.102	1.122	-1.8	60	0.02
72		Anthracene	1.108	1.140	-2.9	60	0.02
73		Carbazole	0.907	0.965	-6.4	62	0.02
74		Di-n-butylphthalate	1.093	1.142	-4.5	61	0.02
75	C	Fluoranthene	1.012	1.024	-1.2	61	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	53	0.03
77		Benzidine	0.652	0.605	7.2	49#	0.02
78		Pyrene	1.599	1.803	-12.8	62	0.02
79	S	Terphenyl-d14	1.234	1.357	-10.0	61	0.02
80		Butylbenzylphthalate	0.501	0.567	-13.2	58	0.02
81		Benzo(a)anthracene	1.287	1.329	-3.3	57	0.03
82		3,3'-Dichlorobenzidine	0.396	0.361	8.8	47#	0.02
83		Chrysene	1.178	1.163	1.3	52	0.02
84		Bis(2-ethylhexyl)phthalate	0.715	0.707	1.1	49#	0.02
85	c	Di-n-octyl phthalate	1.281	1.083	15.5	43#	0.02
86	I	Perylene-d12	1.000	1.000	0.0	47#	0.04
87		Indeno(1,2,3-cd)pyrene	1.365	1.448	-6.1	47#	0.05
88		Benzo(b)fluoranthene	1.191	1.223	-2.7	50#	0.03
89		Benzo(k)fluoranthene	1.074	1.087	-1.2	44#	0.04
90	C	Benzo(a)pyrene	1.046	1.060	-1.3	46#	0.04
91		Dibenzo(a,h)anthracene	1.132	1.201	-6.1	48#	0.05
92		Benzo(g,h,i)perylene	1.059	1.142	-7.8	49#	0.06

Sample Results: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	62	0.00
2		1,4-Dioxane	40.000	42.517	-6.3	65	0.00
3		Pyridine	40.000	43.813	-9.5	66	0.01
4		n-Nitrosodimethylamine	40.000	40.029	-0.1	61	0.02
5	S	2-Fluorophenol	80.000	82.044	-2.6	61	0.00
6		Aniline	40.000	40.438	-1.1	61	0.00
7	S	Phenol-d6	80.000	80.449	-0.6	61	0.01
8		2-Chlorophenol	40.000	39.912	0.2	60	0.01
9		Benzaldehyde	40.000	40.359	-0.9	58	0.00
10	C	Phenol	40.000	43.103	-7.8	62	0.01
11		bis(2-Chloroethyl)ether	40.000	40.226	-0.6	61	0.01
12		1,3-Dichlorobenzene	40.000	39.190	2.0	59	0.00
13	C	1,4-Dichlorobenzene	40.000	39.666	0.8	60	0.00
14		1,2-Dichlorobenzene	40.000	39.171	2.1	60	0.00
15		Benzyl Alcohol	40.000	39.783	0.5	60	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.579	11.1	53	0.00
17		2-Methylphenol	40.000	40.792	-2.0	62	0.00
18		Hexachloroethane	40.000	39.380	1.5	59	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.797	3.0	59	0.01
20		3+4-Methylphenols	40.000	39.314	1.7	58	0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	59	0.00
22		Acetophenone	40.000	41.109	-2.8	61	0.00
23	S	Nitrobenzene-d5	80.000	80.438	-0.5	58	0.00
24		Nitrobenzene	40.000	39.516	1.2	57	0.01
25		Isophorone	40.000	40.456	-1.1	59	0.00
26	C	2-Nitrophenol	40.000	40.178	-0.4	57	0.00
27		2,4-Dimethylphenol	40.000	39.175	2.1	58	0.01
28		bis(2-Chloroethoxy)methane	40.000	40.441	-1.1	59	0.01
29	C	2,4-Dichlorophenol	40.000	39.457	1.4	56	0.01
30		1,2,4-Trichlorobenzene	40.000	40.191	-0.5	59	0.01
31		Naphthalene	40.000	40.909	-2.3	60	0.01
32		Benzoic acid	40.000	19.496	51.3#	29	0.00
33		4-Chloroaniline	40.000	40.699	-1.7	60	0.00
34	C	Hexachlorobutadiene	40.000	39.728	0.7	58	0.00
35		Caprolactam	40.000	41.668	-4.2	61	0.01
36	C	4-Chloro-3-methylphenol	40.000	40.474	-1.2	57	0.01
37		2-Methylnaphthalene	40.000	40.062	-0.2	59	0.01
38		1-Methylnaphthalene	40.000	40.161	-0.4	59	0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	59	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.996	0.0	58	0.01
41	P	Hexachlorocyclopentadiene	40.000	40.680	-1.7	57	0.00
42	S	2,4,6-Tribromophenol	80.000	83.377	-4.2	59	0.02
43	C	2,4,6-Trichlorophenol	40.000	41.798	-4.5	58	0.01
44		2,4,5-Trichlorophenol	40.000	40.276	-0.7	57	0.01
45	S	2-Fluorobiphenyl	80.000	80.990	-1.2	59	0.01
46		1,1'-Biphenyl	40.000	40.846	-2.1	58	0.01
47		2-Chloronaphthalene	40.000	40.919	-2.3	58	0.00

Sample Results: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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	39.548	1.1	55	0.01
49		Acenaphthylene	40.000	40.627	-1.6	58	0.01
50		Dimethylphthalate	40.000	40.141	-0.4	58	0.01
51		2,6-Dinitrotoluene	40.000	41.770	-4.4	58	0.01
52	C	Acenaphthene	40.000	40.267	-0.7	58	0.01
53		3-Nitroaniline	40.000	40.777	-1.9	57	0.01
54	P	2,4-Dinitrophenol	40.000	31.812	20.5	45	0.01
55		Dibenzofuran	40.000	40.713	-1.8	59	0.02
56	P	4-Nitrophenol	40.000	41.940	-4.8	59	0.02
57		2,4-Dinitrotoluene	40.000	42.715	-6.8	59	0.02
58		Fluorene	40.000	41.349	-3.4	59	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	40.614	-1.5	57	0.01
60		Diethylphthalate	40.000	40.451	-1.1	58	0.01
61		4-Chlorophenyl-phenylether	40.000	41.284	-3.2	59	0.01
62		4-Nitroaniline	40.000	43.510	-8.8	61	0.02
63		Azobenzene	40.000	40.508	-1.3	58	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	60	0.02
65		4,6-Dinitro-2-methylphenol	40.000	38.568	3.6	55	0.02
66	c	n-Nitrosodiphenylamine	40.000	40.567	-1.4	59	0.02
67		4-Bromophenyl-phenylether	40.000	39.825	0.4	56	0.01
68		Hexachlorobenzene	40.000	40.454	-1.1	59	0.01
69		Atrazine	40.000	40.399	-1.0	60	0.02
70	C	Pentachlorophenol	40.000	37.576	6.1	53	0.02
71		Phenanthrene	40.000	40.729	-1.8	60	0.02
72		Anthracene	40.000	41.147	-2.9	60	0.02
73		Carbazole	40.000	42.544	-6.4	62	0.02
74		Di-n-butylphthalate	40.000	41.827	-4.6	61	0.02
75	C	Fluoranthene	40.000	40.508	-1.3	61	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	53	0.03
77		Benzidine	40.000	37.112	7.2	49	0.02
78		Pyrene	40.000	45.098	-12.7	62	0.02
79	S	Terphenyl-d14	80.000	87.961	-10.0	61	0.02
80		Butylbenzylphthalate	40.000	45.245	-13.1	58	0.02
81		Benzo(a)anthracene	40.000	41.302	-3.3	57	0.03
82		3,3'-Dichlorobenzidine	40.000	36.508	8.7	47	0.02
83		Chrysene	40.000	39.492	1.3	52	0.02
84		Bis(2-ethylhexyl)phthalate	40.000	39.579	1.1	49	0.02
85	c	Di-n-octyl phthalate	40.000	33.817	15.5	43	0.02
86	I	Perylene-d12	20.000	20.000	0.0	47	0.04
87		Indeno(1,2,3-cd)pyrene	40.000	42.429	-6.1	47	0.05
88		Benzo(b)fluoranthene	40.000	41.087	-2.7	50	0.03
89		Benzo(k)fluoranthene	40.000	40.464	-1.2	44	0.04
90	C	Benzo(a)pyrene	40.000	40.538	-1.3	46	0.04
91		Dibenzo(a,h)anthracene	40.000	42.430	-6.1	48	0.05
92		Benzo(g,h,i)perylene	40.000	43.107	-7.8	49	0.06

Sample Results: **BF143748.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_F Calibration Date/Time: 09/16/2025 13:19

Lab File ID: BF143771.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.611	1.659		3.0	
2-Fluorophenol	1.253	1.333		6.4	
Phenol-d6	1.463	1.540		5.3	
1,4-Dichlorobenzene	1.488	1.484		-0.3	20.0
2-Methylphenol	1.011	1.027		1.6	
3+4-Methylphenols	1.331	1.326		-0.4	
Nitrobenzene-d5	0.338	0.350		3.5	
Hexachloroethane	0.466	0.443		-4.9	
Nitrobenzene	0.343	0.343		0.0	
Hexachlorobutadiene	0.199	0.215		8.0	20.0
2,4,6-Trichlorophenol	0.407	0.435		6.9	20.0
2-Fluorobiphenyl	1.453	1.527		5.1	
2,4,5-Trichlorophenol	0.407	0.430		5.7	
2,4-Dinitrotoluene	0.377	0.371		-1.6	
2,4,6-Tribromophenol	0.202	0.211		4.5	
Hexachlorobenzene	0.263	0.269		2.3	
Pentachlorophenol	0.145	0.149		2.8	20.0
Terphenyl-d14	1.284	1.170		-8.9	

All other compounds must meet a minimum RRF of 0.010.

Sample Results: **BF143771.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	5123	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	18088	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	8844	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	13259	20.000	ng	0.00
76) Chrysene-d12	14.069	240	9965	20.000	ng	0.00
86) Perylene-d12	15.551	264	10181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	27306	85.094	ng	-0.01
7) Phenol-d6	6.510	99	31562	84.214	ng	-0.02
23) Nitrobenzene-d5	7.457	82	25336	82.882	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	7475	83.799	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	54027	84.098	ng	0.00
79) Terphenyl-d14	13.010	244	46617	72.859	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	7036	42.144	ng	100
3) Pyridine	3.422	79	16998	41.194	ng	100
4) n-Nitrosodimethylamine	3.363	42	5571	38.016	ng	100
6) Aniline	6.551	93	20191	41.214	ng	100
8) 2-Chlorophenol	6.675	128	13910	40.236	ng	100
9) Benzaldehyde	6.446	77	6659	28.777	ng	100
10) Phenol	6.528	94	16431m	39.408	ng	
11) bis(2-Chloroethyl)ether	6.628	93	12744	41.055	ng	100
12) 1,3-Dichlorobenzene	6.834	146	15378	39.957	ng	100
13) 1,4-Dichlorobenzene	6.910	146	15209	39.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	14008	39.057	ng	100
15) Benzyl Alcohol	7.028	79	10025	40.032	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	13801	39.918	ng	100
17) 2-Methylphenol	7.134	107	10525	40.636	ng	100
18) Hexachloroethane	7.410	117	4540	38.055	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	8734	40.115	ng	100
20) 3+4-Methylphenols	7.293	107	13582	39.838	ng	100
22) Acetophenone	7.304	105	17650	41.329	ng	100
24) Nitrobenzene	7.475	77	12395	39.987	ng	100
25) Isophorone	7.710	82	21469	38.777	ng	100
26) 2-Nitrophenol	7.792	139	7323	43.762	ng	100
27) 2,4-Dimethylphenol	7.822	122	10629	40.052	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	13731	39.789	ng	100
29) 2,4-Dichlorophenol	8.028	162	10842	41.611	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	11191	39.848	ng	100
31) Naphthalene	8.198	128	37739	40.848	ng	100
32) Benzoic acid	7.904	122	5323	38.555	ng	100
33) 4-Chloroaniline	8.239	127	13020	42.247	ng	100
34) Hexachlorobutadiene	8.316	225	7776	43.185	ng	100
35) Caprolactam	8.604	113	2310	36.790	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	10446	40.555	ng	100
37) 2-Methylnaphthalene	8.887	142	23310	39.033	ng	100
38) 1-Methylnaphthalene	8.986	142	23595	40.478	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	11640	43.633	ng	100
41) Hexachlorocyclopentadiene	9.039	237	6393	43.855	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	7687	42.688	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7604	42.270	ng		100
46) 1,1'-Biphenyl	9.351	154	28814	42.407	ng		100
47) 2-Chloronaphthalene	9.381	162	22022	41.639	ng		100
48) 2-Nitroaniline	9.469	65	5615	40.518	ng		100
49) Acenaphthylene	9.792	152	31004	41.713	ng		100
50) Dimethylphthalate	9.645	163	24408	41.991	ng		100
51) 2,6-Dinitrotoluene	9.710	165	5199	43.388	ng		100
52) Acenaphthene	9.969	154	20903	41.963	ng		100
53) 3-Nitroaniline	9.881	138	5123	40.542	ng		100
54) 2,4-Dinitrophenol	9.981	184	2348	39.660	ng		100
55) Dibenzofuran	10.139	168	28915	39.973	ng		100
56) 4-Nitrophenol	10.028	139	3671	38.358	ng		100
57) 2,4-Dinitrotoluene	10.110	165	6560	39.338	ng		100
58) Fluorene	10.481	166	22792	40.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5700	41.360	ng	#	100
60) Diethylphthalate	10.351	149	20846	39.062	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	11301	39.831	ng		100
62) 4-Nitroaniline	10.492	138	5119	42.408	ng		100
63) Azobenzene	10.633	77	18932	40.198	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	3195	37.063	ng		100
66) n-Nitrosodiphenylamine	10.592	169	19635	42.434	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	6709	40.955	ng		100
68) Hexachlorobenzene	11.028	284	7140	40.964	ng		100
69) Atrazine	11.116	200	5586	40.647	ng		100
70) Pentachlorophenol	11.222	266	3939	40.932	ng		100
71) Phenanthrene	11.445	178	31330	40.999	ng		100
72) Anthracene	11.498	178	31726	40.714	ng		100
73) Carbazole	11.651	167	26105	41.098	ng		100
74) Di-n-butylphthalate	11.980	149	31316	40.584	ng		100
75) Fluoranthene	12.633	202	28741	40.767	ng		100
77) Benzidine	12.757	184	13576	44.043	ng		100
78) Pyrene	12.869	202	29023	35.794	ng		100
80) Butylbenzylphthalate	13.486	149	11332	40.435	ng		100
81) Benzo(a)anthracene	14.057	228	26423	40.296	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	8265	44.059	ng		100
83) Chrysene	14.092	228	23473	39.242	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	15883	41.773	ng		100
85) Di-n-octyl phthalate	14.663	149	27511	42.862	ng		100
87) Indeno(1,2,3-cd)pyrene	17.057	276	26852	41.206	ng		100
88) Benzo(b)fluoranthene	15.116	252	23794	37.745	ng		100
89) Benzo(k)fluoranthene	15.145	252	22704	41.072	ng		100
90) Benzo(a)pyrene	15.486	252	21860	40.238	ng		100
91) Dibenzo(a,h)anthracene	17.074	278	22249	42.497	ng		100
92) Benzo(g,h,i)perylene	17.509	276	20665	41.175	ng		100

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

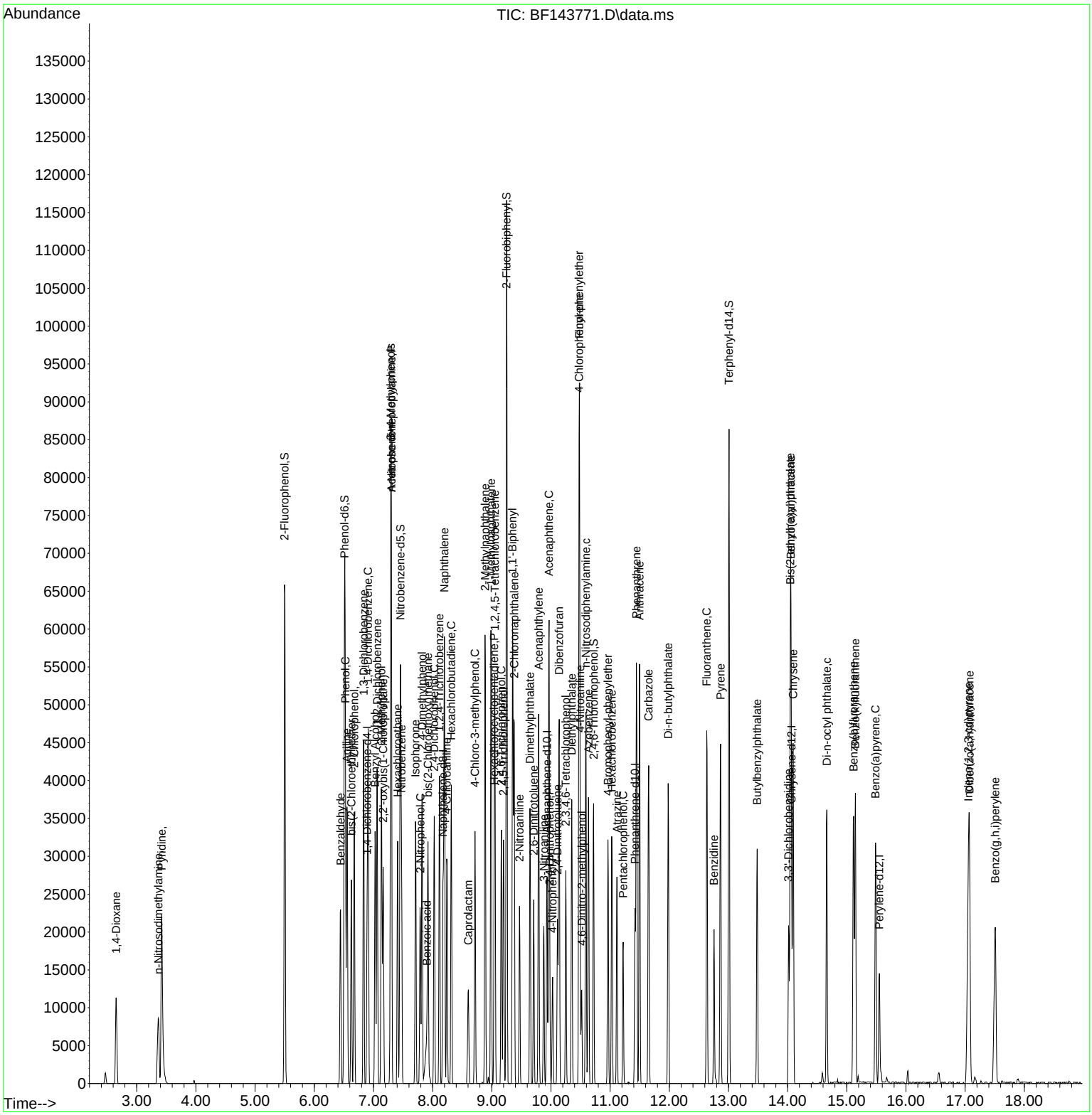
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143771.D
Acq On : 16 Sep 2025 13:19
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 16:06:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ATLA10

Lab Code: ACE SDG No.: Q3092

Instrument ID: BNA_P Calibration Date/Time: 09/16/2025 13:31

Lab File ID: BP025756.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.432	1.470		2.7	
2-Fluorophenol	1.240	1.305		5.2	
Phenol-d6	1.648	1.744		5.8	
1,4-Dichlorobenzene	1.576	1.625		3.1	20.0
2-Methylphenol	1.171	1.211		3.4	
3+4-Methylphenols	1.640	1.642		0.1	
Nitrobenzene-d5	0.453	0.476		5.1	
Hexachloroethane	0.602	0.619		2.8	
Nitrobenzene	0.407	0.431		5.9	
Hexachlorobutadiene	0.229	0.240		4.8	20.0
2,4,6-Trichlorophenol	0.398	0.427		7.3	20.0
2-Fluorobiphenyl	1.502	1.574		4.8	
2,4,5-Trichlorophenol	0.443	0.473		6.8	
2,4-Dinitrotoluene	0.460	0.491		6.7	
2,4,6-Tribromophenol	0.249	0.261		4.8	
Hexachlorobenzene	0.245	0.258		5.3	
Pentachlorophenol	0.162	0.168		3.7	20.0
Terphenyl-d14	1.112	1.058		-4.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/17/2025
Supervised By :Jagrut Upadhyay
09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	131105	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	526142	20.000	ng	0.00
39) Acenaphthene-d10	14.371	164	351438	20.000	ng	0.00
64) Phenanthrene-d10	17.165	188	718838	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	849419	20.000	ng	-0.01
86) Perylene-d12	24.994	264	1092590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	684460	84.239	ng	0.00
7) Phenol-d6	6.942	99	914797	84.704	ng	0.00
23) Nitrobenzene-d5	8.895	82	1001590	83.972	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	366816	83.681	ng	-0.02
45) 2-Fluorobiphenyl	12.983	172	2212449	83.824	ng	0.00
79) Terphenyl-d14	19.907	244	3596085	76.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	140136	41.093	ng	99
3) Pyridine	3.701	79	385323	41.035	ng	98
4) n-Nitrosodimethylamine	3.607	42	184292	41.592	ng	100
6) Aniline	7.095	93	612049	41.284	ng	99
8) 2-Chlorophenol	7.331	128	369275	41.428	ng	99
9) Benzaldehyde	6.907	77	219587	33.922	ng	99
10) Phenol	6.972	94	478340	42.004	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	378078	41.323	ng	98
12) 1,3-Dichlorobenzene	7.642	146	422028	41.600	ng	98
13) 1,4-Dichlorobenzene	7.790	146	425996	41.223	ng	98
14) 1,2-Dichlorobenzene	8.101	146	410959	40.935	ng	100
15) Benzyl Alcohol	7.995	79	357367	40.044	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	625424	41.800	ng	100
17) 2-Methylphenol	8.195	107	317442	41.346	ng	99
18) Hexachloroethane	8.819	117	162337	41.127	ng	98
19) n-Nitroso-di-n-propyla...	8.548	70	313816	41.660	ng	99
20) 3+4-Methylphenols	8.525	107	430494	40.036	ng	98
22) Acetophenone	8.566	105	598634	42.576	ng	98
24) Nitrobenzene	8.942	77	453338	42.367	ng	98
25) Isophorone	9.466	82	859026	40.974	ng	99
26) 2-Nitrophenol	9.642	139	201989	42.517	ng	98
27) 2,4-Dimethylphenol	9.707	122	358977	43.071	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	513326	42.358	ng	99
29) 2,4-Dichlorophenol	10.183	162	352356	42.402	ng	100
30) 1,2,4-Trichlorobenzene	10.389	180	394666	42.142	ng	99
31) Naphthalene	10.572	128	1173999	41.382	ng	99
32) Benzoic acid	9.860	122	234848	37.900	ng	98
33) 4-Chloroaniline	10.683	127	508349	42.990	ng	99
34) Hexachlorobutadiene	10.854	225	252637	41.905	ng	99
35) Caprolactam	11.472	113	123315	38.496	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	408107	41.193	ng	97
37) 2-Methylnaphthalene	12.178	142	756843	41.536	ng	99
38) 1-Methylnaphthalene	12.401	142	794894	40.909	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	452037	42.447	ng	100
41) Hexachlorocyclopentadiene	12.530	237	246469	42.494	ng	100
43) 2,4,6-Trichlorophenol	12.801	196	300356	42.902	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/17/2025
Supervised By :Jagrut Upadhyay
09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.883	196	332747	42.706	ng	96
46) 1,1'-Biphenyl	13.195	154	1099251	42.614	ng	99
47) 2-Chloronaphthalene	13.242	162	850202	41.858	ng	99
48) 2-Nitroaniline	13.442	65	284604	42.034	ng	98
49) Acenaphthylene	14.089	152	1401053	41.631	ng	100
50) Dimethylphthalate	13.824	163	1106820	41.251	ng	99
51) 2,6-Dinitrotoluene	13.942	165	240963	42.389	ng	98
52) Acenaphthene	14.436	154	798898	41.163	ng	99
53) 3-Nitroaniline	14.277	138	256866	42.970	ng	100
54) 2,4-Dinitrophenol	14.489	184	135473	39.268	ng	97
55) Dibenzofuran	14.777	168	1287770	40.712	ng	99
56) 4-Nitrophenol	14.613	139	191499	39.598	ng	96
57) 2,4-Dinitrotoluene	14.742	165	345210	42.671	ng	98
58) Fluorene	15.430	166	1053053	41.867	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.007	232	293008	41.746	ng	98
60) Diethylphthalate	15.201	149	1131826	41.586	ng	99
61) 4-Chlorophenyl-phenyle...	15.424	204	526407	41.527	ng	98
62) 4-Nitroaniline	15.460	138	269263	43.968	ng	99
63) Azobenzene	15.724	77	1101551	41.858	ng	99
65) 4,6-Dinitro-2-methylph...	15.519	198	204393	42.755	ng	98
66) n-Nitrosodiphenylamine	15.642	169	939230	42.696	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	332871	42.151	ng	96
68) Hexachlorobenzene	16.460	284	370246	42.042	ng	96
69) Atrazine	16.624	200	358271	42.607	ng	96
70) Pentachlorophenol	16.813	266	241291	41.514	ng	98
71) Phenanthrene	17.213	178	1707073	41.864	ng	100
72) Anthracene	17.313	178	1776813	42.946	ng	100
73) Carbazole	17.589	167	1634488	42.493	ng	100
74) Di-n-butylphthalate	18.177	149	2054365	43.522	ng	99
75) Fluoranthene	19.307	202	2086741	42.670	ng	100
77) Benzidine	19.512	184	1107146	45.249	ng	99
78) Pyrene	19.683	202	2204901	38.902	ng	99
80) Butylbenzylphthalate	20.642	149	1016239	40.893	ng	99
81) Benzo(a)anthracene	21.606	228	2444940	42.044	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	858407	42.691	ng	99
83) Chrysene	21.683	228	2326086	41.961	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1522859	41.885	ng	99
85) Di-n-octyl phthalate	22.818	149	2772371	42.867	ng	100
87) Indeno(1,2,3-cd)pyrene	28.818	276	3605425m	45.377	ng	
88) Benzo(b)fluoranthene	23.924	252	2722681	40.750	ng	99
89) Benzo(k)fluoranthene	24.000	252	2754434	40.400	ng	100
90) Benzo(a)pyrene	24.836	252	2731286	41.743	ng	100
91) Dibenzo(a,h)anthracene	28.894	278	2963251	45.574	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2945150	46.059	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

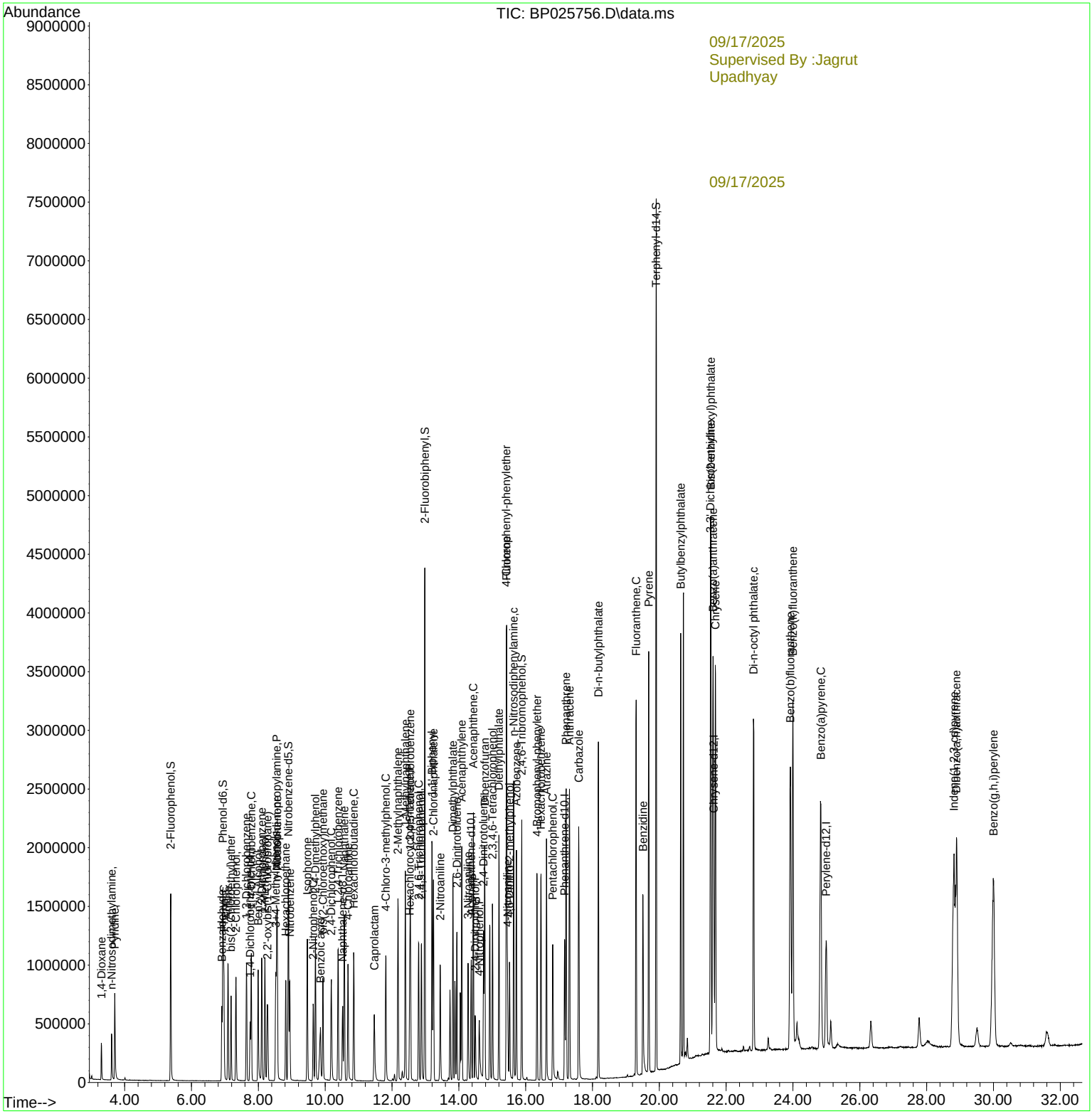
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/17/2025
Supervised By :Jagrut Upadhyay

09/17/2025



Sample Results: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	91	0.00
2		1,4-Dioxane	0.520	0.534	-2.7	89	0.00
3		Pyridine	1.432	1.470	-2.7	85	0.00
4		n-Nitrosodimethylamine	0.676	0.703	-4.0	88	0.00
5	S	2-Fluorophenol	1.240	1.305	-5.2	87	0.00
6		Aniline	2.262	2.334	-3.2	84	0.00
7	S	Phenol-d6	1.648	1.744	-5.8	85	0.00
8		2-Chlorophenol	1.360	1.408	-3.5	85	0.00
9		Benzaldehyde	0.987	0.837	15.2	87	0.00
10	C	Phenol	1.737	1.824	-5.0	84	0.00
11		bis(2-Chloroethyl)ether	1.396	1.442	-3.3	84	0.00
12		1,3-Dichlorobenzene	1.548	1.610	-4.0	87	0.00
13	C	1,4-Dichlorobenzene	1.576	1.625	-3.1	87	0.00
14		1,2-Dichlorobenzene	1.531	1.567	-2.4	86	0.00
15		Benzyl Alcohol	1.361	1.363	-0.1	82	0.00
16		2,2'-oxybis(1-Chloropropane	2.282	2.385	-4.5	87	0.00
17		2-Methylphenol	1.171	1.211	-3.4	83	0.00
18		Hexachloroethane	0.602	0.619	-2.8	87	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.197	-4.2	82	0.00
20		3+4-Methylphenols	1.640	1.642	-0.1	82	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	85	0.00
22		Acetophenone	0.534	0.569	-6.6	82	0.00
23	S	Nitrobenzene-d5	0.453	0.476	-5.1	82	0.00
24		Nitrobenzene	0.407	0.431	-5.9	82	0.00
25		Isophorone	0.797	0.816	-2.4	81	0.00
26	C	2-Nitrophenol	0.181	0.192	-6.1	81	0.00
27		2,4-Dimethylphenol	0.317	0.341	-7.6	82	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.488	-5.9	83	-0.01
29	C	2,4-Dichlorophenol	0.316	0.335	-6.0	82	0.00
30		1,2,4-Trichlorobenzene	0.356	0.375	-5.3	85	0.00
31		Naphthalene	1.078	1.116	-3.5	83	0.00
32		Benzoic acid	0.236	0.223	5.5	73	-0.02
33		4-Chloroaniline	0.449	0.483	-7.6	81	0.00
34	C	Hexachlorobutadiene	0.229	0.240	-4.8	84	0.00
35		Caprolactam	0.122	0.117	4.1	76	-0.01
36	C	4-Chloro-3-methylphenol	0.377	0.388	-2.9	80	0.00
37		2-Methylnaphthalene	0.693	0.719	-3.8	82	0.00
38		1-Methylnaphthalene	0.739	0.755	-2.2	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	84	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.643	-6.1	82	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.351	-6.4	78	0.00
42	S	2,4,6-Tribromophenol	0.249	0.261	-4.8	79	-0.02
43	C	2,4,6-Trichlorophenol	0.398	0.427	-7.3	81	0.00
44		2,4,5-Trichlorophenol	0.443	0.473	-6.8	79	0.00
45	S	2-Fluorobiphenyl	1.502	1.574	-4.8	83	0.00
46		1,1'-Biphenyl	1.468	1.564	-6.5	83	0.00
47		2-Chloronaphthalene	1.156	1.210	-4.7	82	0.00

Sample Results: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	0.385	0.405	-5.2	78	-0.01
49		Acenaphthylene	1.915	1.993	-4.1	81	-0.01
50		Dimethylphthalate	1.527	1.575	-3.1	80	-0.01
51		2,6-Dinitrotoluene	0.324	0.343	-5.9	80	-0.01
52	C	Acenaphthene	1.104	1.137	-3.0	80	-0.02
53		3-Nitroaniline	0.340	0.365	-7.4	78	-0.01
54	P	2,4-Dinitrophenol	0.183	0.193	-5.5	78	-0.02
55		Dibenzofuran	1.800	1.832	-1.8	80	-0.01
56	P	4-Nitrophenol	0.258	0.272	-5.4	75	0.00
57		2,4-Dinitrotoluene	0.460	0.491	-6.7	79	-0.01
58		Fluorene	1.431	1.498	-4.7	81	-0.02
59		2,3,4,6-Tetrachlorophenol	0.399	0.417	-4.5	78	-0.02
60		Diethylphthalate	1.549	1.610	-3.9	82	-0.02
61		4-Chlorophenyl-phenylether	0.721	0.749	-3.9	82	-0.02
62		4-Nitroaniline	0.349	0.383	-9.7	80	-0.02
63		Azobenzene	1.498	1.567	-4.6	80	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	83	-0.02
65		4,6-Dinitro-2-methylphenol	0.133	0.142	-6.8	78	-0.02
66	c	n-Nitrosodiphenylamine	0.612	0.653	-6.7	81	-0.01
67		4-Bromophenyl-phenylether	0.220	0.232	-5.5	81	-0.01
68		Hexachlorobenzene	0.245	0.258	-5.3	82	-0.01
69		Atrazine	0.234	0.249	-6.4	79	-0.01
70	C	Pentachlorophenol	0.162	0.168	-3.7	78	-0.02
71		Phenanthrene	1.135	1.187	-4.6	81	-0.01
72		Anthracene	1.151	1.236	-7.4	83	0.00
73		Carbazole	1.070	1.137	-6.3	80	-0.01
74		Di-n-butylphthalate	1.313	1.429	-8.8	82	0.00
75	C	Fluoranthene	1.361	1.451	-6.6	83	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	92	-0.01
77		Benzidine	0.576	0.652	-13.2	92	0.00
78		Pyrene	1.335	1.298	2.8	83	0.00
79	S	Terphenyl-d14	1.112	1.058	4.9	82	0.00
80		Butylbenzylphthalate	0.585	0.598	-2.2	85	0.00
81		Benzo(a)anthracene	1.369	1.439	-5.1	91	-0.01
82		3,3'-Dichlorobenzidine	0.473	0.505	-6.8	89	0.00
83		Chrysene	1.305	1.369	-4.9	91	0.00
84		Bis(2-ethylhexyl)phthalate	0.856	0.896	-4.7	87	0.00
85	c	Di-n-octyl phthalate	1.523	1.632	-7.2	90	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	109	0.00
87		Indeno(1,2,3-cd)pyrene	1.454	1.650	-13.5	113	-0.02
88		Benzo(b)fluoranthene	1.223	1.246	-1.9	102	0.00
89		Benzo(k)fluoranthene	1.248	1.261	-1.0	103	0.00
90	C	Benzo(a)pyrene	1.198	1.250	-4.3	104	0.00
91		Dibenzo(a,h)anthracene	1.190	1.356	-13.9	114	-0.02
92		Benzo(g,h,i)perylene	1.170	1.348	-15.2	116	0.00

Sample Results: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	91	0.00
2		1,4-Dioxane	40.000	41.093	-2.7	89	0.00
3		Pyridine	40.000	41.035	-2.6	85	0.00
4		n-Nitrosodimethylamine	40.000	41.592	-4.0	88	0.00
5	S	2-Fluorophenol	80.000	84.239	-5.3	87	0.00
6		Aniline	40.000	41.284	-3.2	84	0.00
7	S	Phenol-d6	80.000	84.704	-5.9	85	0.00
8		2-Chlorophenol	40.000	41.428	-3.6	85	0.00
9		Benzaldehyde	40.000	33.922	15.2	87	0.00
10	C	Phenol	40.000	42.004	-5.0	84	0.00
11		bis(2-Chloroethyl)ether	40.000	41.323	-3.3	84	0.00
12		1,3-Dichlorobenzene	40.000	41.600	-4.0	87	0.00
13	C	1,4-Dichlorobenzene	40.000	41.223	-3.1	87	0.00
14		1,2-Dichlorobenzene	40.000	40.935	-2.3	86	0.00
15		Benzyl Alcohol	40.000	40.044	-0.1	82	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.800	-4.5	87	0.00
17		2-Methylphenol	40.000	41.346	-3.4	83	0.00
18		Hexachloroethane	40.000	41.127	-2.8	87	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.660	-4.1	82	0.00
20		3+4-Methylphenols	40.000	40.036	-0.1	82	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	85	0.00
22		Acetophenone	40.000	42.576	-6.4	82	0.00
23	S	Nitrobenzene-d5	80.000	83.972	-5.0	82	0.00
24		Nitrobenzene	40.000	42.367	-5.9	82	0.00
25		Isophorone	40.000	40.974	-2.4	81	0.00
26	C	2-Nitrophenol	40.000	42.517	-6.3	81	0.00
27		2,4-Dimethylphenol	40.000	43.071	-7.7	82	0.00
28		bis(2-Chloroethoxy)methane	40.000	42.358	-5.9	83	-0.01
29	C	2,4-Dichlorophenol	40.000	42.402	-6.0	82	0.00
30		1,2,4-Trichlorobenzene	40.000	42.142	-5.4	85	0.00
31		Naphthalene	40.000	41.382	-3.5	83	0.00
32		Benzoic acid	40.000	37.900	5.3	73	-0.02
33		4-Chloroaniline	40.000	42.990	-7.5	81	0.00
34	C	Hexachlorobutadiene	40.000	41.905	-4.8	84	0.00
35		Caprolactam	40.000	38.496	3.8	76	-0.01
36	C	4-Chloro-3-methylphenol	40.000	41.193	-3.0	80	0.00
37		2-Methylnaphthalene	40.000	41.536	-3.8	82	0.00
38		1-Methylnaphthalene	40.000	40.909	-2.3	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	84	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.447	-6.1	82	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.494	-6.2	78	0.00
42	S	2,4,6-Tribromophenol	80.000	83.681	-4.6	79	-0.02
43	C	2,4,6-Trichlorophenol	40.000	42.902	-7.3	81	0.00
44		2,4,5-Trichlorophenol	40.000	42.706	-6.8	79	0.00
45	S	2-Fluorobiphenyl	80.000	83.824	-4.8	83	0.00
46		1,1'-Biphenyl	40.000	42.614	-6.5	83	0.00
47		2-Chloronaphthalene	40.000	41.858	-4.6	82	0.00

Sample Results: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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	42.034	-5.1	78	-0.01
49		Acenaphthylene	40.000	41.631	-4.1	81	-0.01
50		Dimethylphthalate	40.000	41.251	-3.1	80	-0.01
51		2,6-Dinitrotoluene	40.000	42.389	-6.0	80	-0.01
52	C	Acenaphthene	40.000	41.163	-2.9	80	-0.02
53		3-Nitroaniline	40.000	42.970	-7.4	78	-0.01
54	P	2,4-Dinitrophenol	40.000	39.268	1.8	78	-0.02
55		Dibenzofuran	40.000	40.712	-1.8	80	-0.01
56	P	4-Nitrophenol	40.000	39.598	1.0	75	0.00
57		2,4-Dinitrotoluene	40.000	42.671	-6.7	79	-0.01
58		Fluorene	40.000	41.867	-4.7	81	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	41.746	-4.4	78	-0.02
60		Diethylphthalate	40.000	41.586	-4.0	82	-0.02
61		4-Chlorophenyl-phenylether	40.000	41.527	-3.8	82	-0.02
62		4-Nitroaniline	40.000	43.968	-9.9	80	-0.02
63		Azobenzene	40.000	41.858	-4.6	80	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	83	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	42.755	-6.9	78	-0.02
66	c	n-Nitrosodiphenylamine	40.000	42.696	-6.7	81	-0.01
67		4-Bromophenyl-phenylether	40.000	42.151	-5.4	81	-0.01
68		Hexachlorobenzene	40.000	42.042	-5.1	82	-0.01
69		Atrazine	40.000	42.607	-6.5	79	-0.01
70	C	Pentachlorophenol	40.000	41.514	-3.8	78	-0.02
71		Phenanthrene	40.000	41.864	-4.7	81	-0.01
72		Anthracene	40.000	42.946	-7.4	83	0.00
73		Carbazole	40.000	42.493	-6.2	80	-0.01
74		Di-n-butylphthalate	40.000	43.522	-8.8	82	0.00
75	C	Fluoranthene	40.000	42.670	-6.7	83	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	92	-0.01
77		Benzidine	40.000	45.249	-13.1	92	0.00
78		Pyrene	40.000	38.902	2.7	83	0.00
79	S	Terphenyl-d14	80.000	76.162	4.8	82	0.00
80		Butylbenzylphthalate	40.000	40.893	-2.2	85	0.00
81		Benzo(a)anthracene	40.000	42.044	-5.1	91	-0.01
82		3,3'-Dichlorobenzidine	40.000	42.691	-6.7	89	0.00
83		Chrysene	40.000	41.961	-4.9	91	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.885	-4.7	87	0.00
85	c	Di-n-octyl phthalate	40.000	42.867	-7.2	90	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	109	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	45.377	-13.4	113	-0.02
88		Benzo(b)fluoranthene	40.000	40.750	-1.9	102	0.00
89		Benzo(k)fluoranthene	40.000	40.400	-1.0	103	0.00
90	C	Benzo(a)pyrene	40.000	41.743	-4.4	104	0.00
91		Dibenzo(a,h)anthracene	40.000	45.574	-13.9	114	-0.02
92		Benzo(g,h,i)perylene	40.000	46.059	-15.1	116	0.00

Sample Results: **BP025756.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025756.D
Acq On : 16 Sep 2025 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 16 13:55:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 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

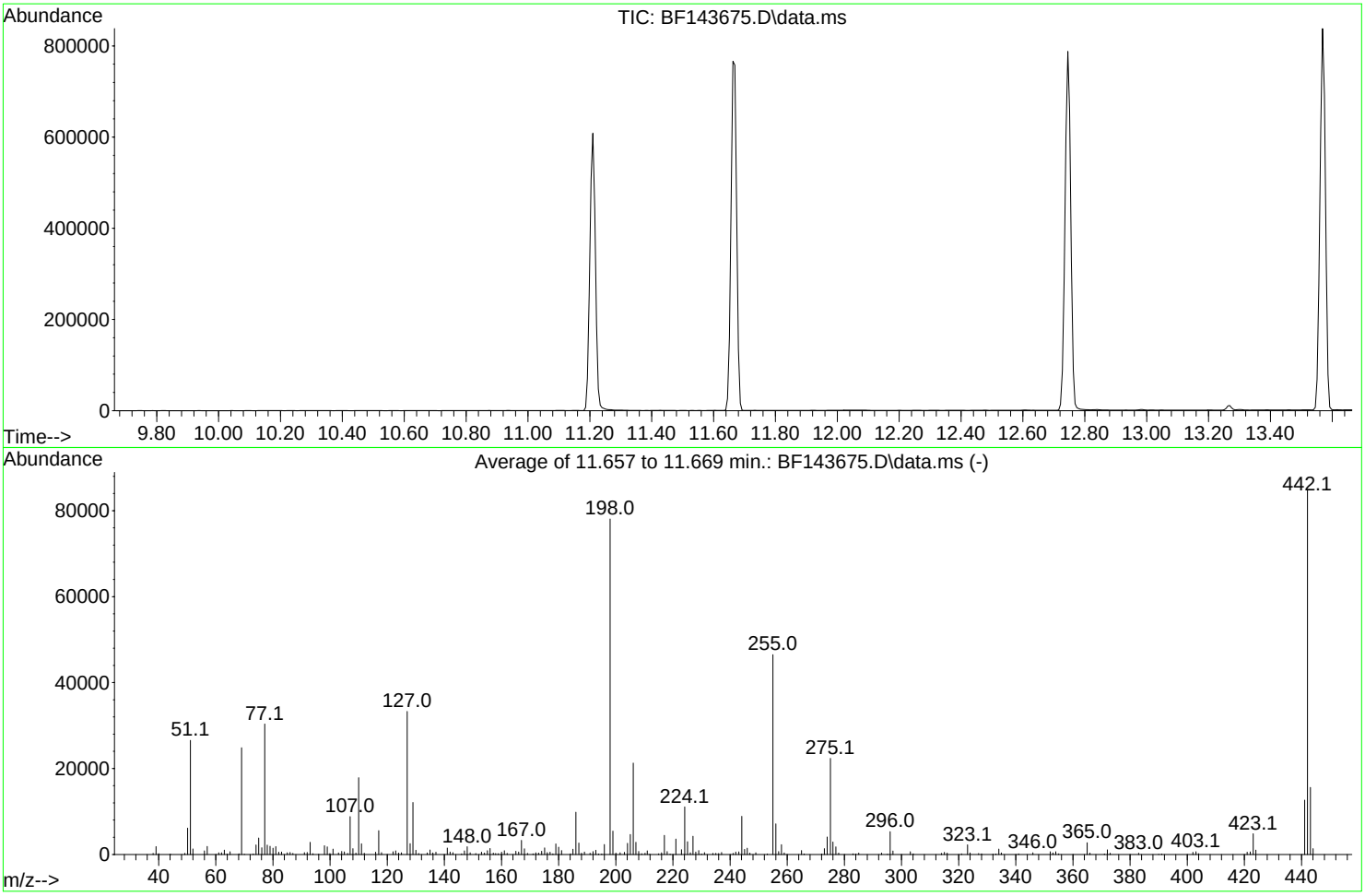
Sample Results: **BF143675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

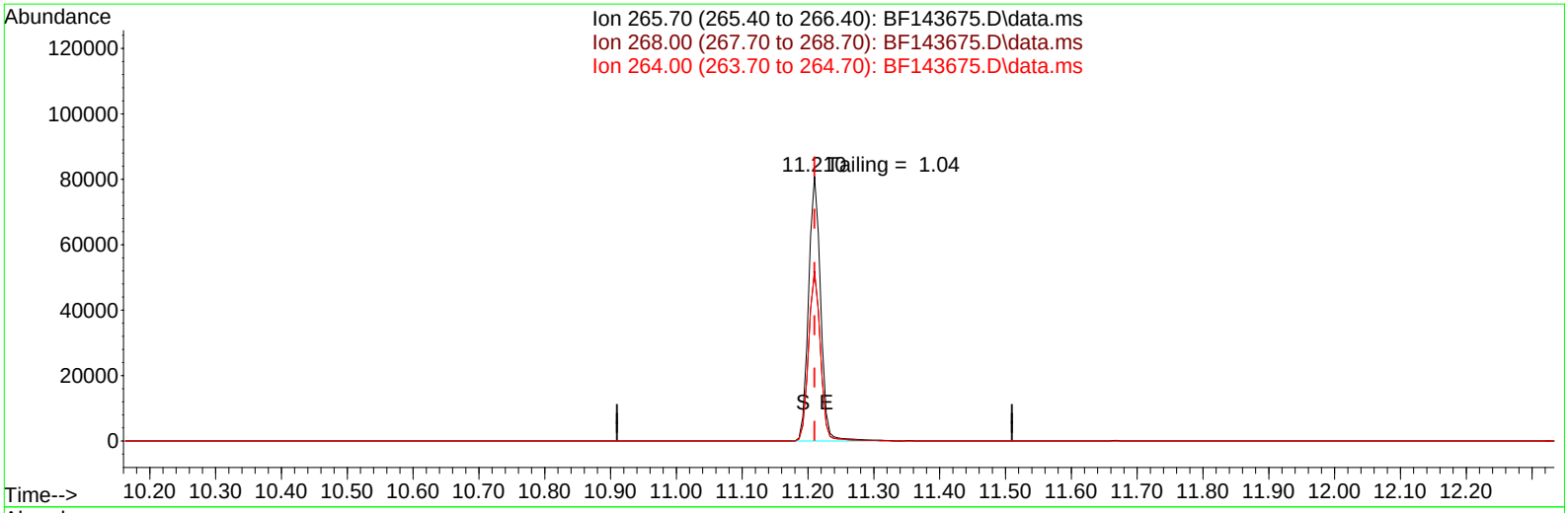
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.6	144	PASS
69	69	100	100	100.0	24837	PASS
70	69	0.00	2	0.2	62	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	78083	PASS
199	198	5	9	7.0	5451	PASS
365	198	1	100	3.5	2728	PASS
441	443	0.01	150	81.0	12639	PASS
442	442	100	100	100.0	84704	PASS
443	442	15	24	18.4	15606	PASS

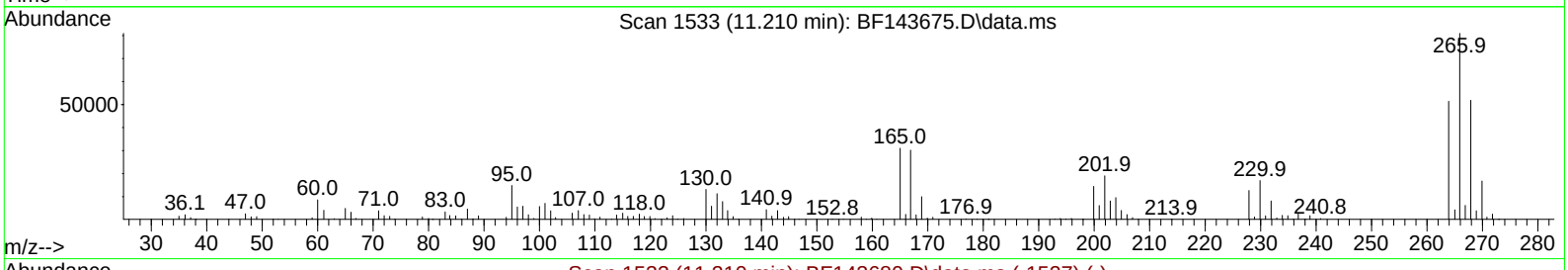
Sample Results: **BF143675.D**

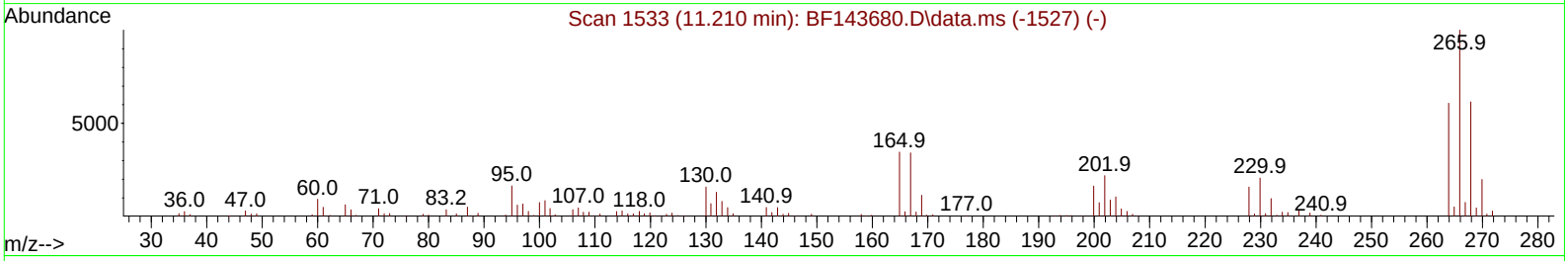
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 09 11:56:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 11:54:23 2025
Response via : Initial Calibration







TIC: BF143675.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 33993.77 ng

response 103355

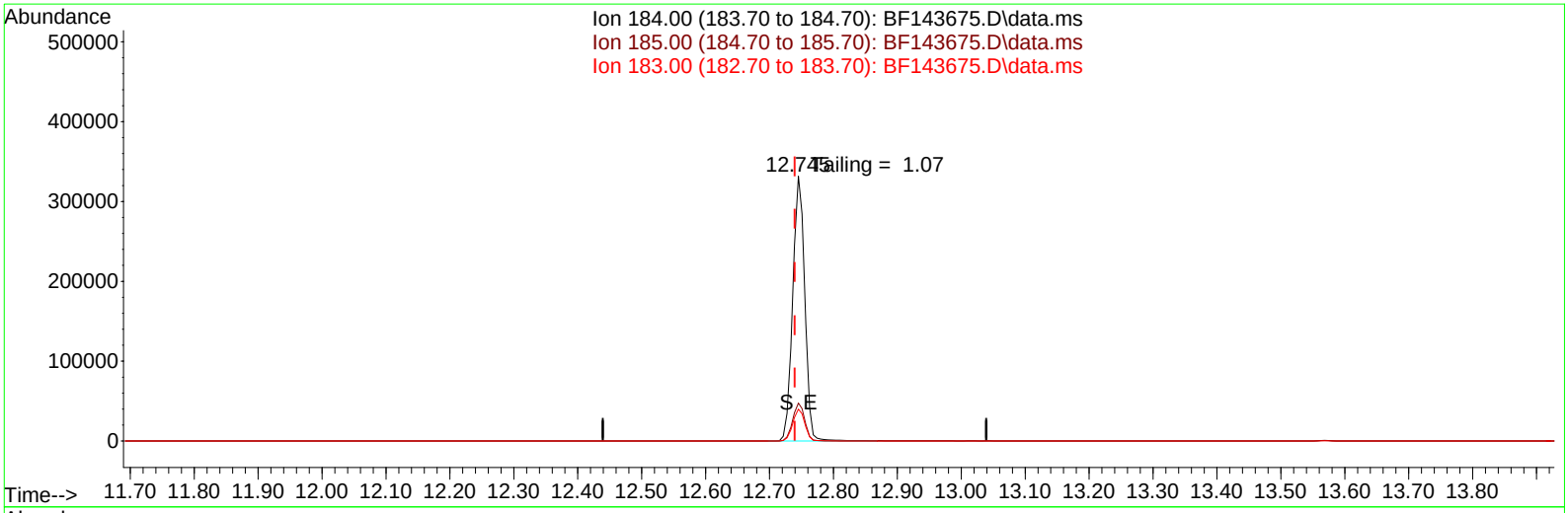
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	64.05
264.00	60.80	63.55
0.00	0.00	0.00

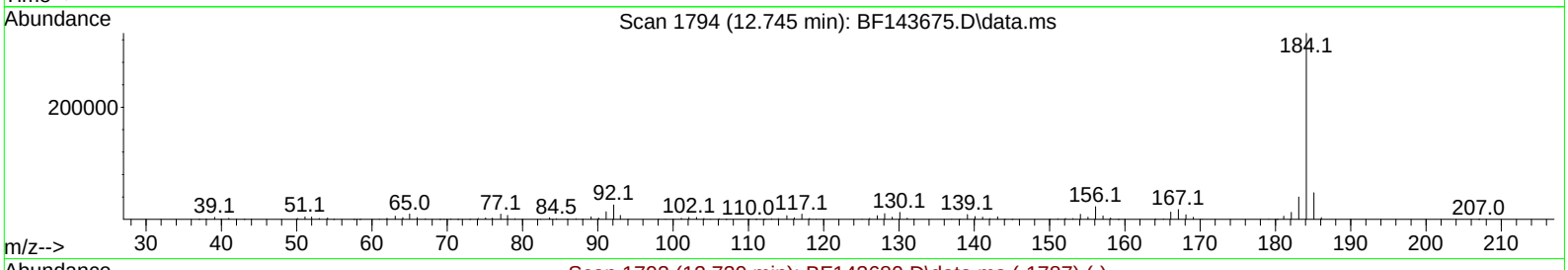
Sample Results: **BF143675.D**

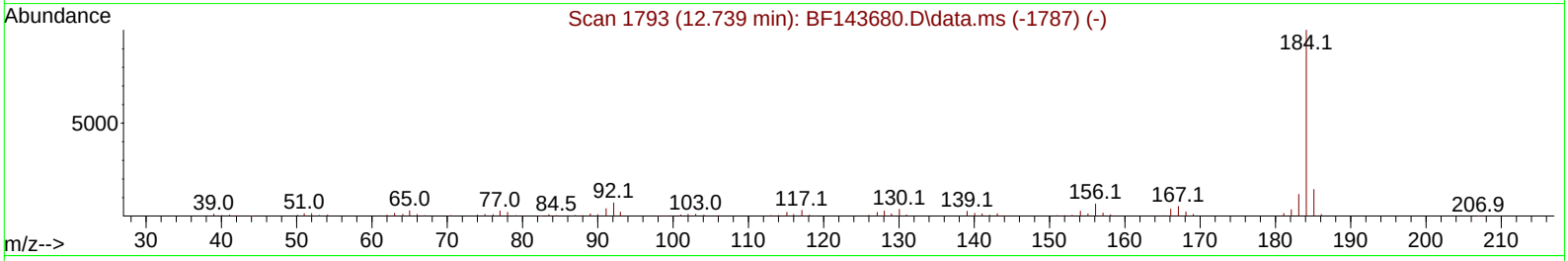
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 09 11:56:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 11:54:23 2025
Response via : Initial Calibration







TIC: BF143675.D\data.ms

(77) Benzidine

12.745min (+ 0.006) 0.00 ng

response 436264

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.34
183.00	11.80	12.05
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/10/2025	BNA_F	BF143675.D
Compound Name	**Response**	**Retention Time**
DDT	210187	13.568
DDD	4000	13.269
DDE	110	12.927
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4110	214297	1.92

Instrument :
BNA_F
ClientSampleId :
DFTPP

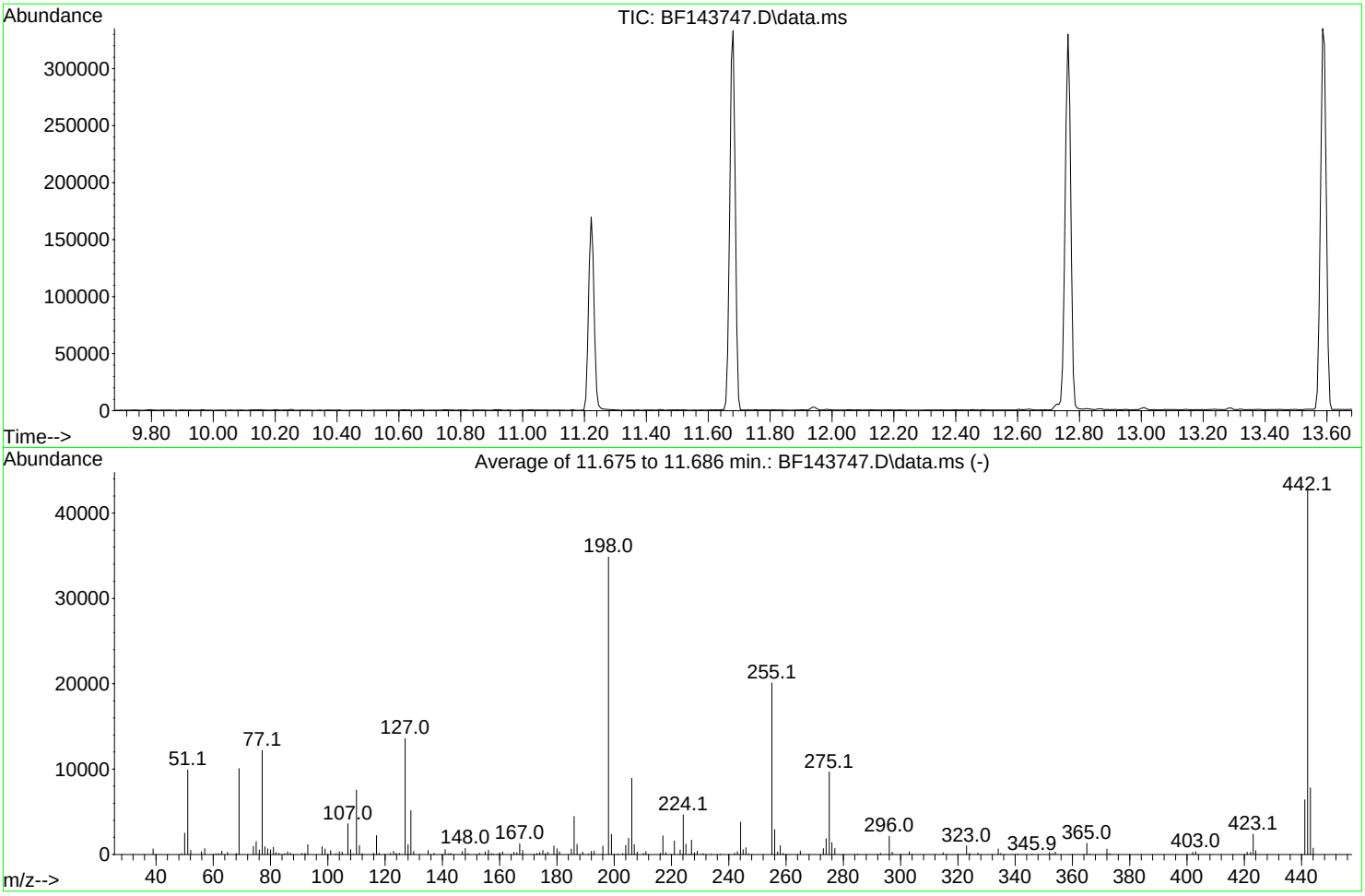
Sample Results: **BF143747.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143747.D
Acq On : 15 Sep 2025 12:20
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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025



AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.0	102	PASS
69	69	100	100	100.0	10068	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	34851	PASS
199	198	5	9	6.8	2360	PASS
365	198	1	100	3.8	1309	PASS
441	443	0.01	150	82.1	6411	PASS
442	442	100	100	100.0	42632	PASS
443	442	15	24	18.3	7806	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/15/2025	BNA_F	BF143747.D
Compound Name	**Response**	**Retention Time**
DDT	88670	13.568
DDD	1050	13.286
DDE	201	12.945
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
1251	89921	1.39

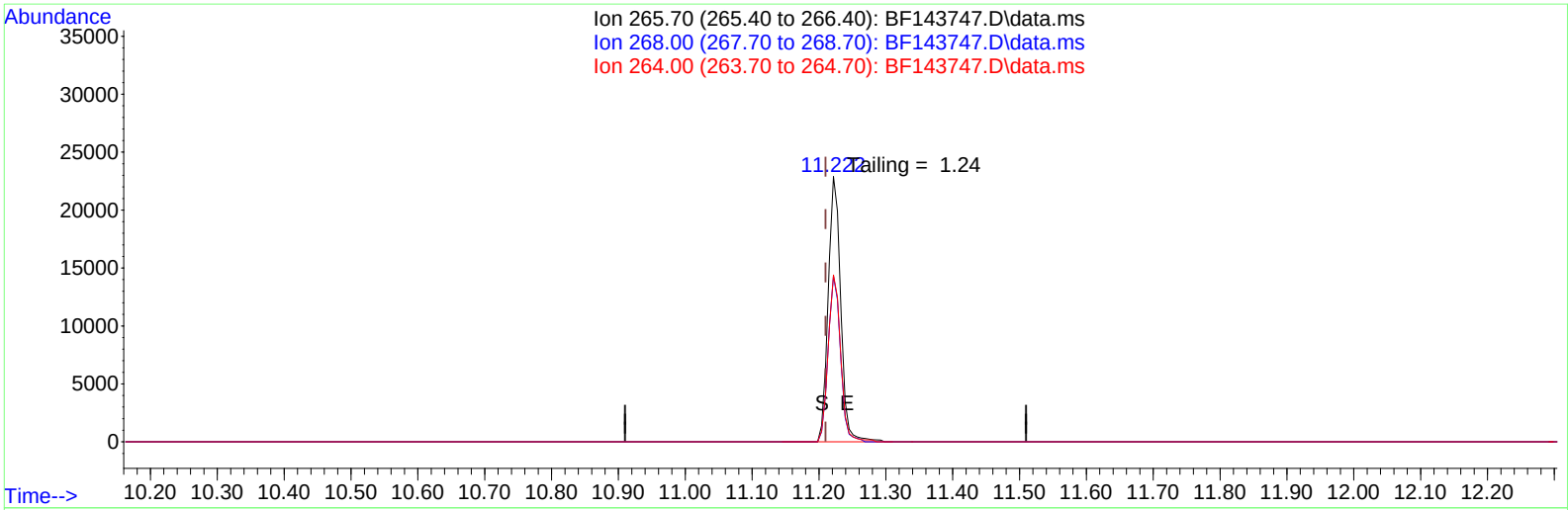
Instrument :
BNA_F
ClientSampleId :
DFTPP

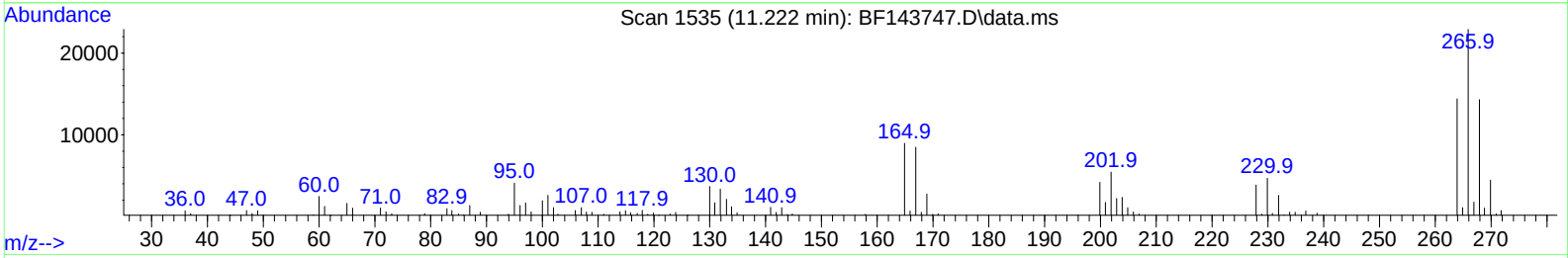
Sample Results: **BF143747.D**

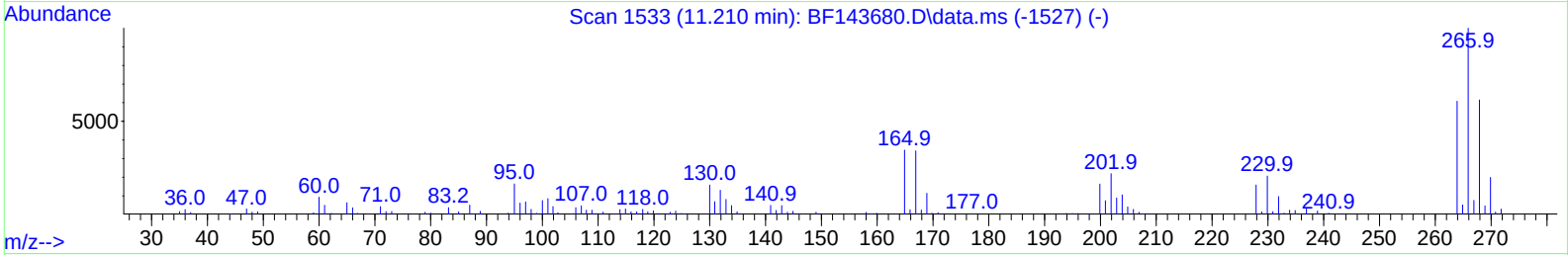
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143747.D
Acq On : 15 Sep 2025 12:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 15 12:51:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration







TIC: BF143747.D\data.ms

(70) Pentachlorophenol (C)

11.222min (+ 0.012) 0.00 ng

response 29705

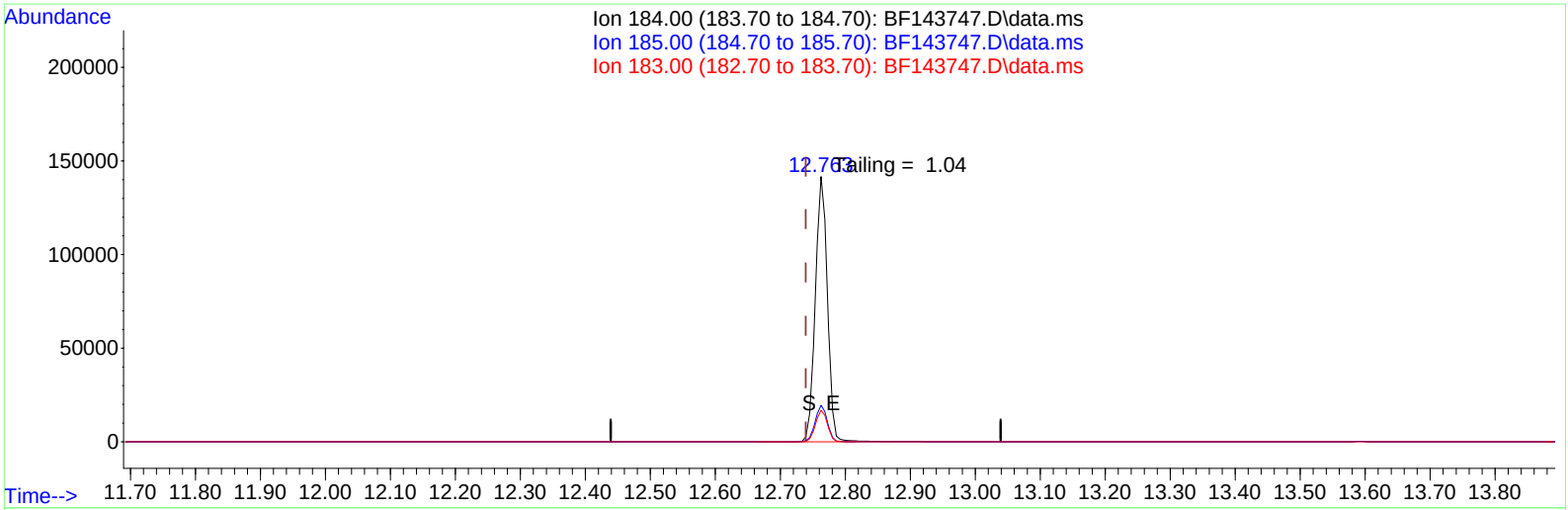
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	62.50
264.00	60.80	62.89
0.00	0.00	0.00

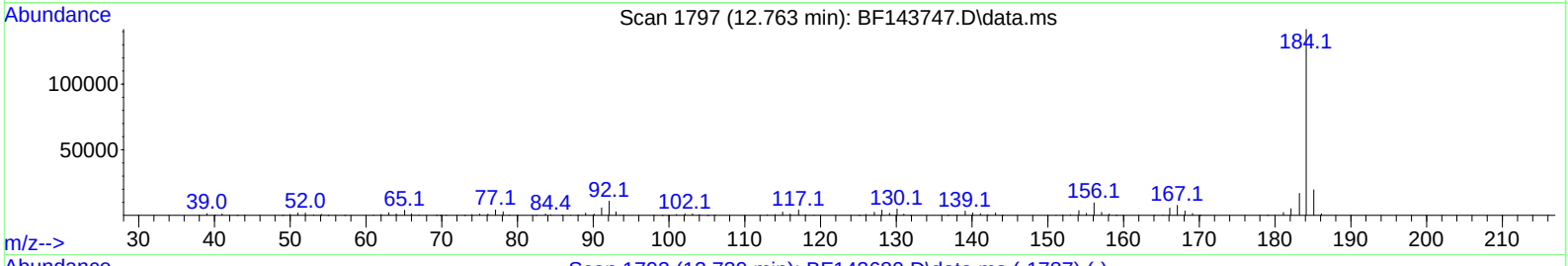
Sample Results: **BF143747.D**

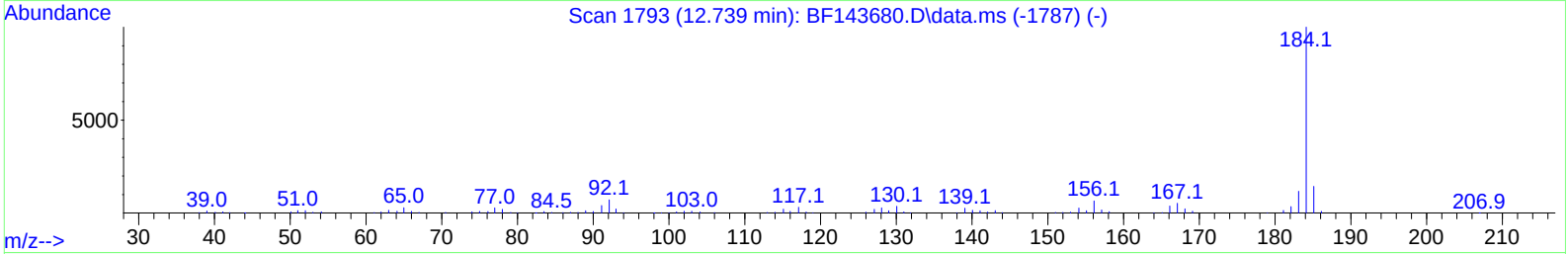
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143747.D
Acq On : 15 Sep 2025 12:20
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 15 12:51:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration







TIC: BF143747.D\data.ms

(77) Benzidine

12.763min (+ 0.023) 0.00 ng

response 184434

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.79
183.00	11.80	11.91
0.00	0.00	0.00

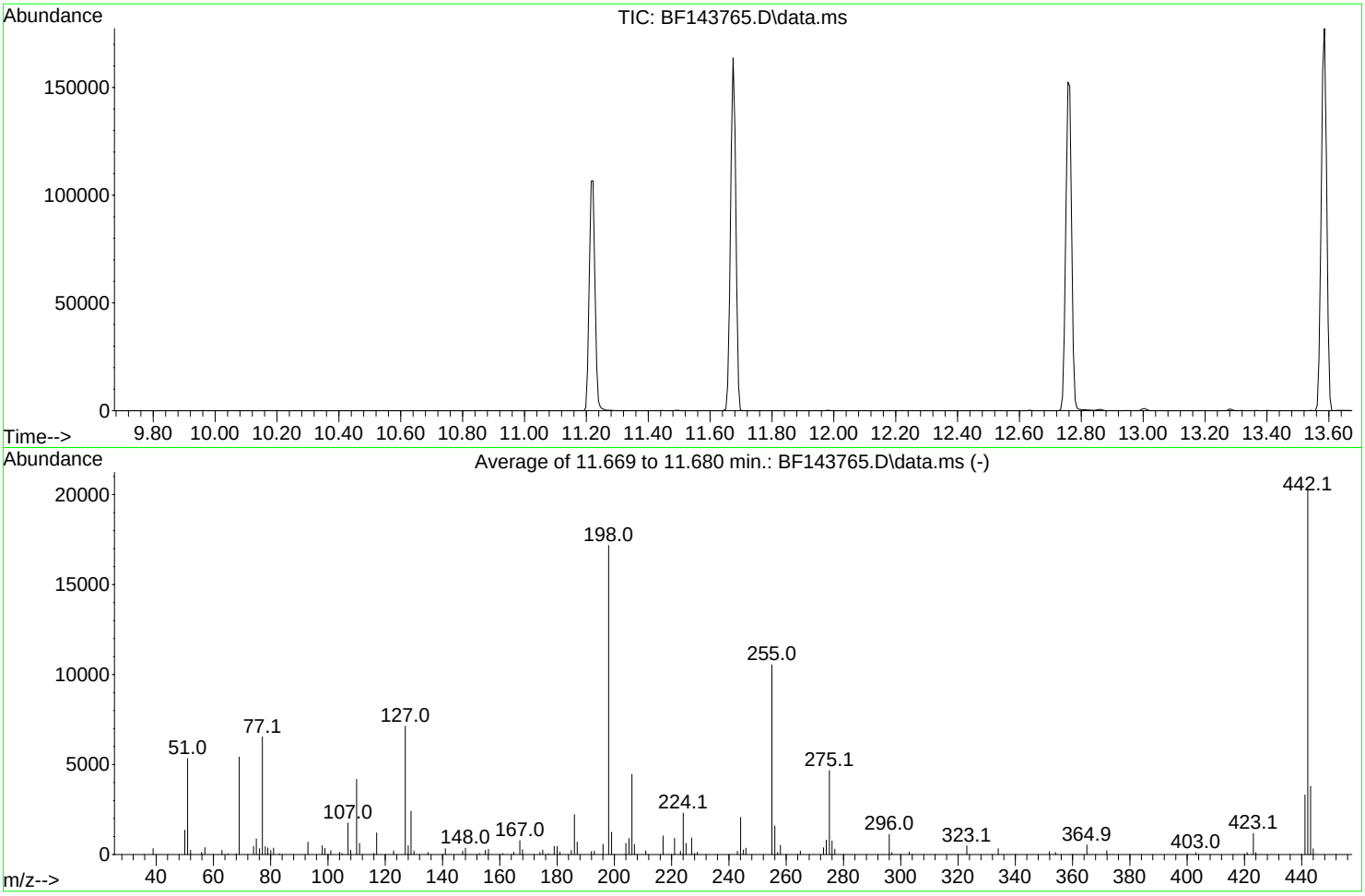
Sample Results: **BF143765.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143765.D
Acq On : 16 Sep 2025 10:25
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-BF091625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 17 01:44:23 2025



AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.9	50	PASS
69	69	100	100	100.0	5419	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	17166	PASS
199	198	5	9	7.2	1241	PASS
365	198	1	100	3.1	536	PASS
441	443	0.01	150	87.4	3313	PASS
442	442	100	100	100.0	20222	PASS
443	442	15	24	18.8	3792	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/16/2025	BNA_F	BF143765.D
Compound Name	**Response**	**Retention Time**
DDT	49271	13.586
DDD	524	13.28
DDE	54	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
578	49849	1.16

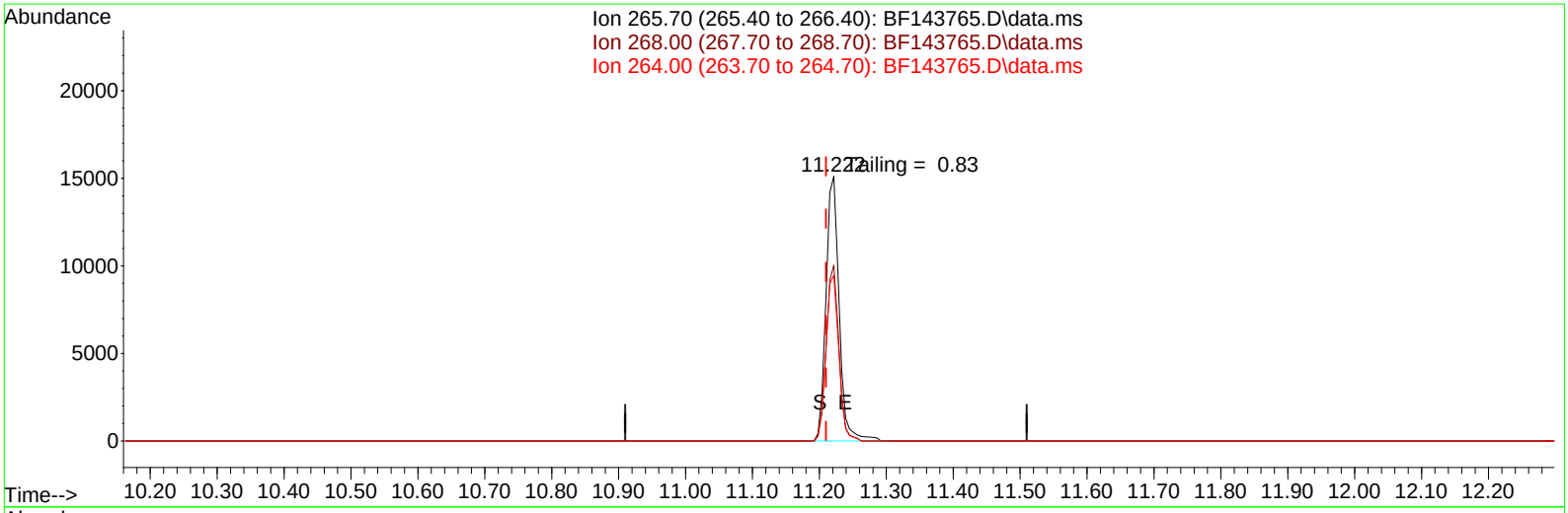
Instrument :
BNA_F
ClientSampleId :
DFTPP

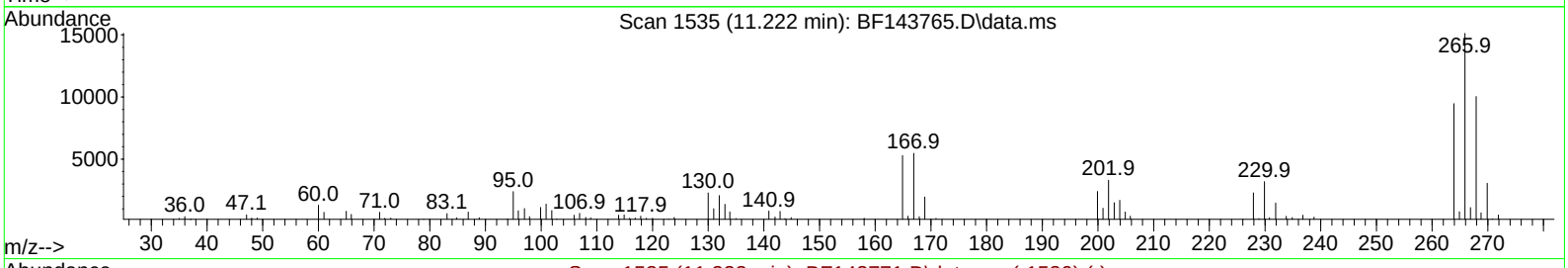
Sample Results: **BF143765.D**

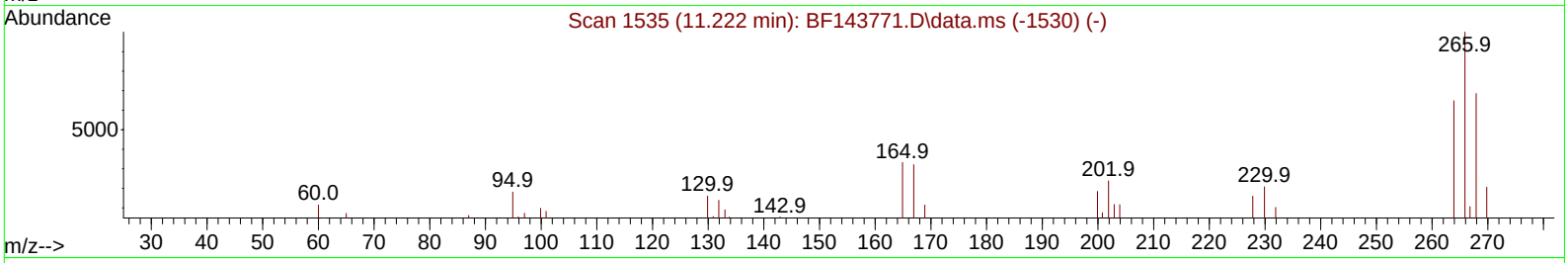
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143765.D
Acq On : 16 Sep 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 16 13:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration







TIC: BF143765.D\data.ms

(70) Pentachlorophenol (C)

11.222min (+ 0.012) 0.00 ng

response 20593

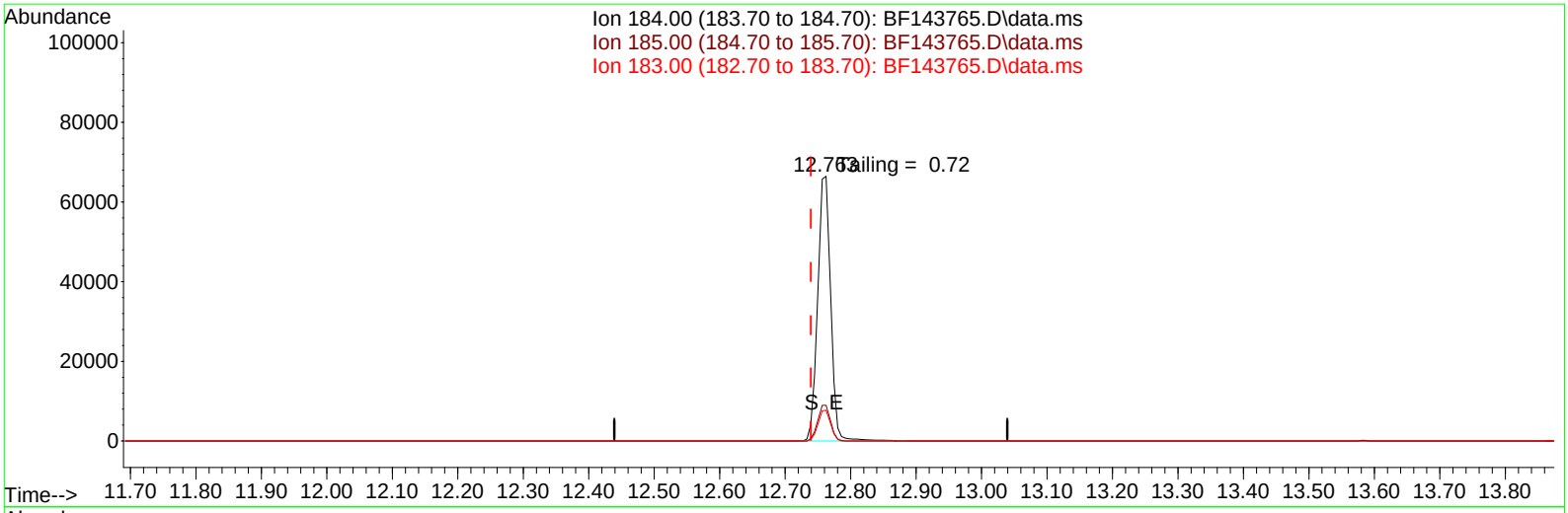
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	66.43
264.00	60.80	62.60
0.00	0.00	0.00

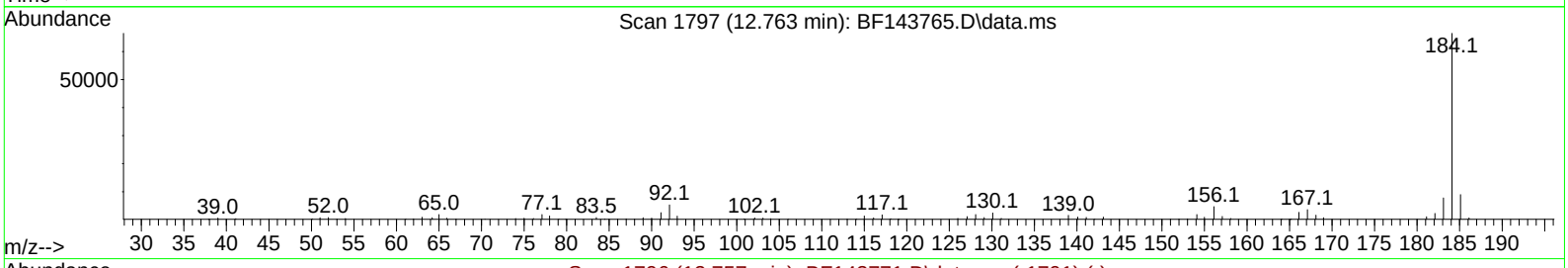
Sample Results: **BF143765.D**

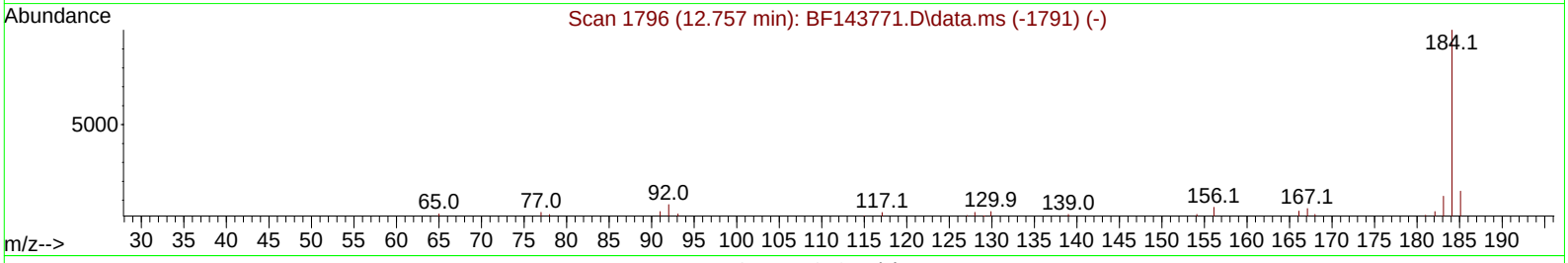
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143765.D
Acq On : 16 Sep 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 16 13:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration







TIC: BF143765.D\data.ms

(77) Benzidine

12.763min (+ 0.023) 0.00 ng

response 91478

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.48
183.00	11.80	11.66
0.00	0.00	0.00

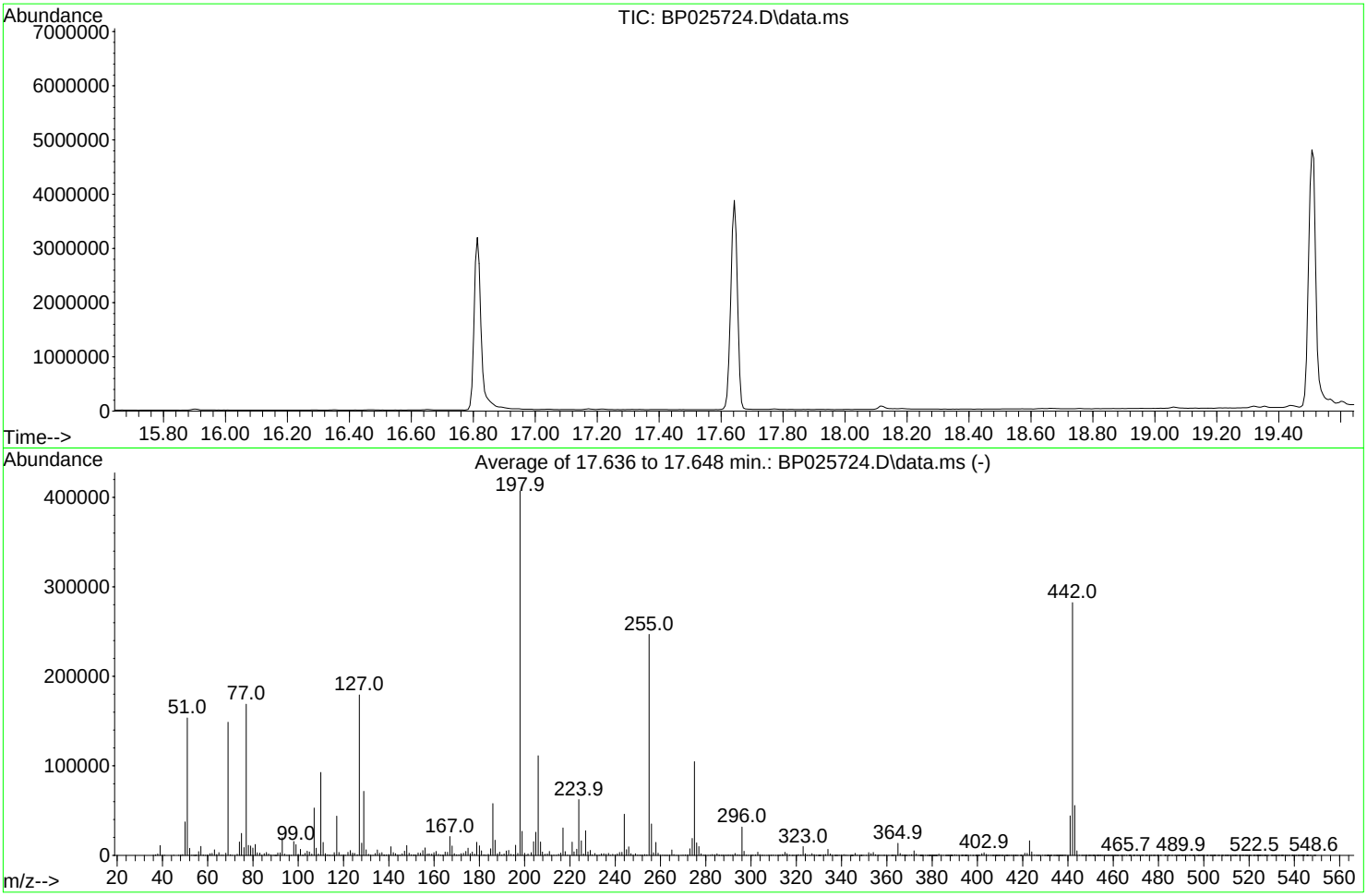
Sample Results: **BP025724.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

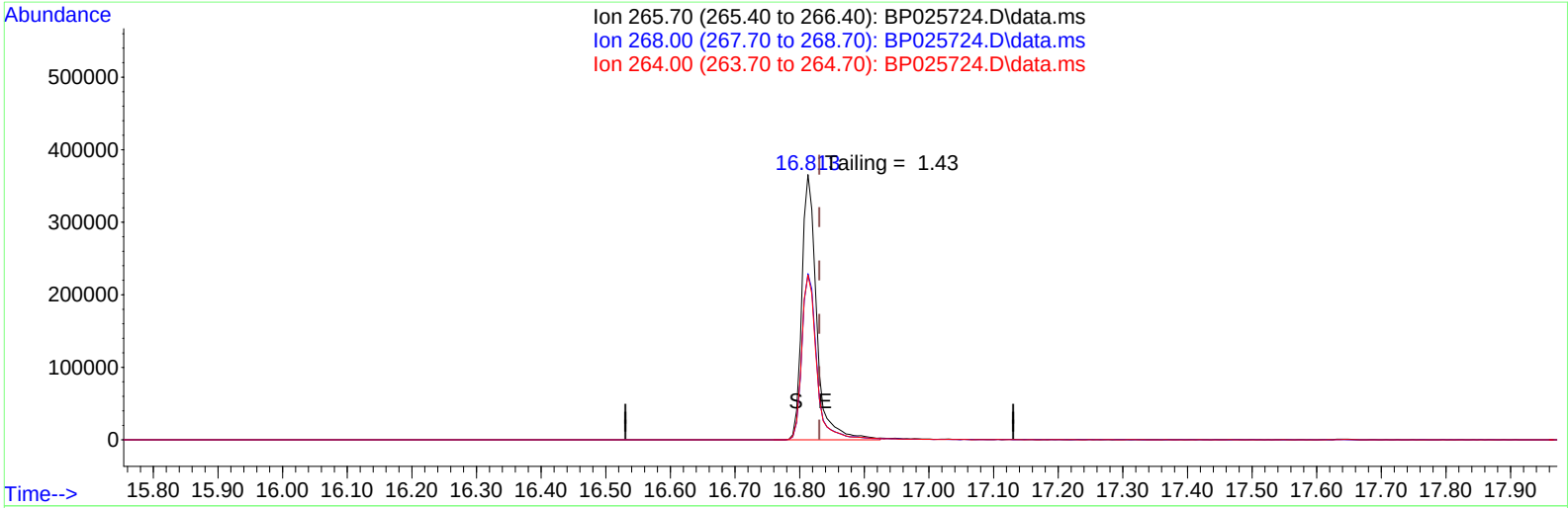
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2392	PASS
69	69	100	100	100.0	148681	PASS
70	69	0.00	2	0.5	775	PASS
197	198	0.00	2	0.6	2274	PASS
198	198	100	100	100.0	407104	PASS
199	198	5	9	6.6	26775	PASS
365	198	1	100	3.3	13409	PASS
441	443	0.01	150	79.1	44067	PASS
442	442	100	100	100.0	282368	PASS
443	442	15	24	19.7	55680	PASS

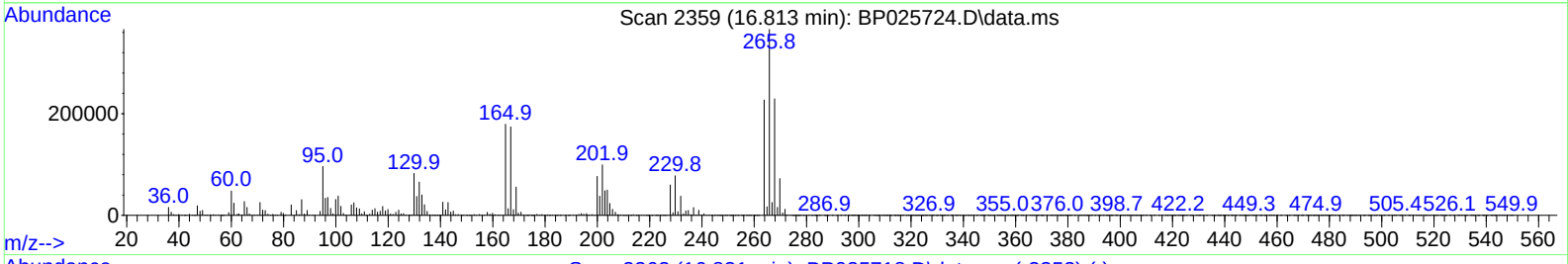
Sample Results: **BP025724.D**

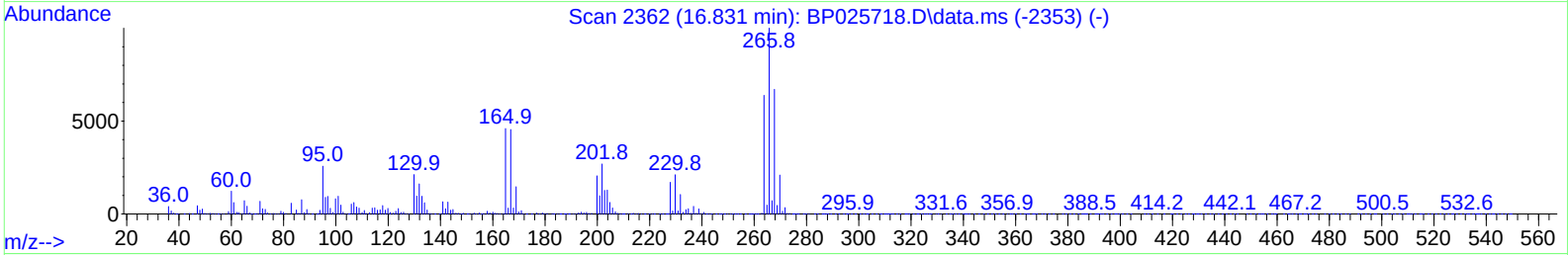
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 7217.81 ng

response 589827

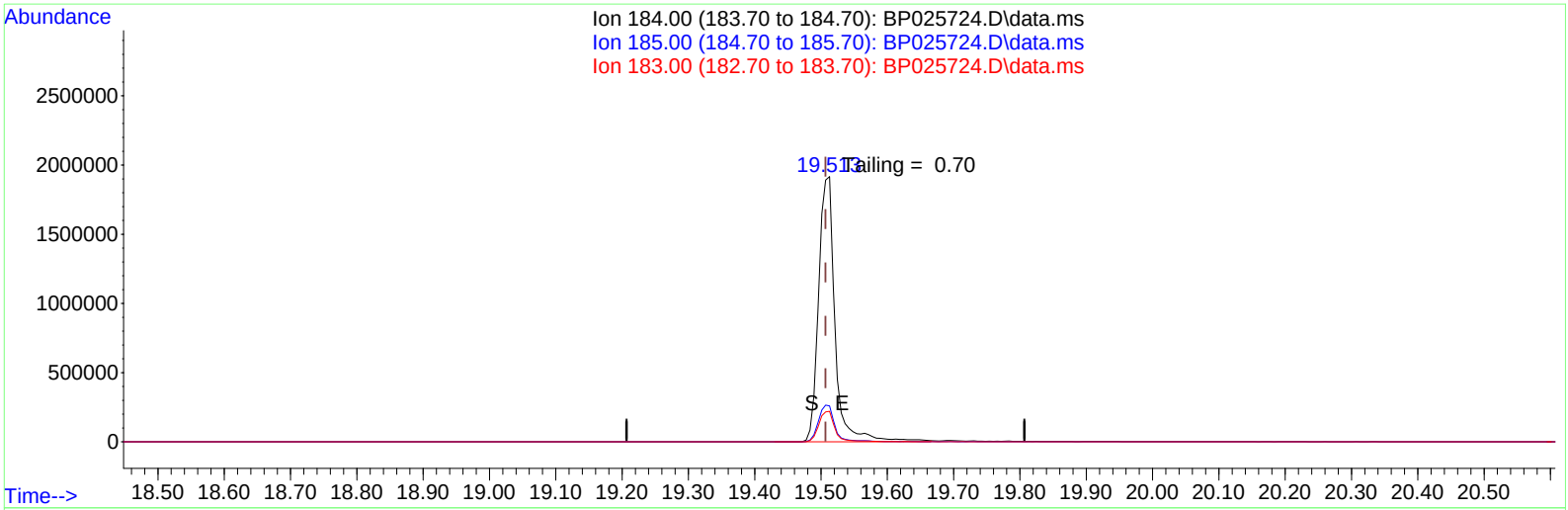
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	62.64
264.00	63.80	62.05
0.00	0.00	0.00

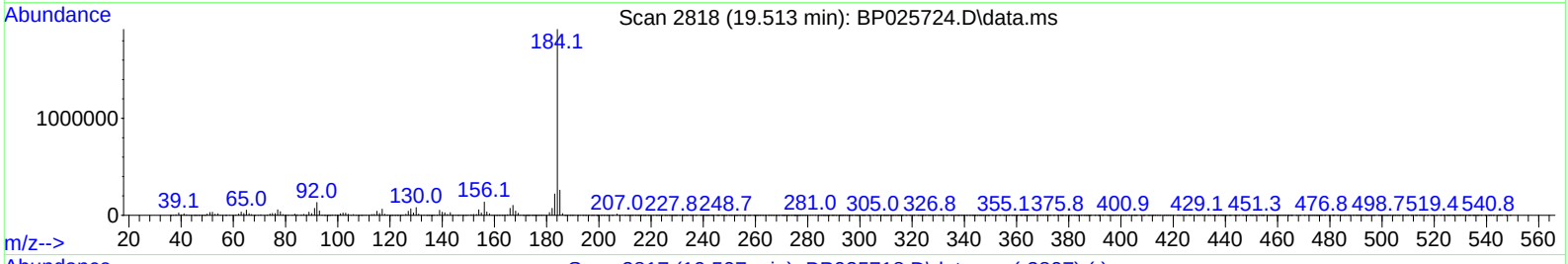
Sample Results: **BP025724.D**

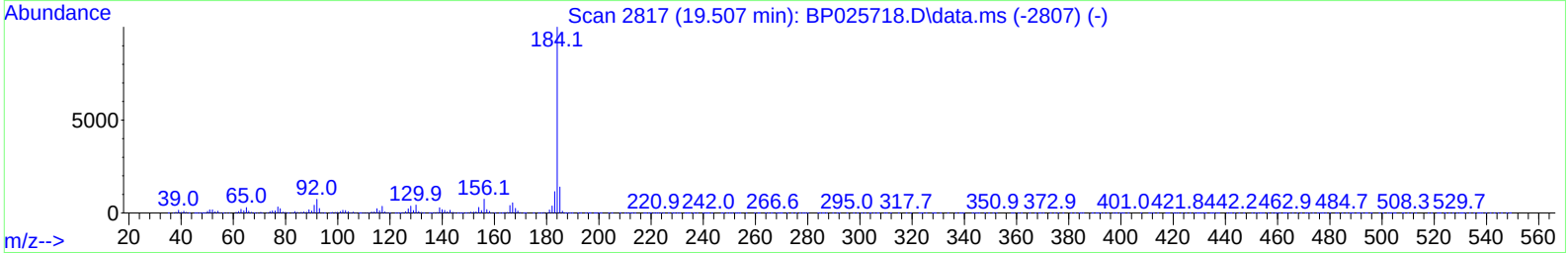
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 4369.52 ng

response 3272403

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.55
183.00	11.50	11.52
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_P	BP025724.D
Compound Name	**Response**	**Retention Time**
DDT	1712718	20.801
DDD	33235	20.342
DDE	3389	19.813
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
36624	1749342	2.09

Instrument :
BNA_P
ClientSampleId :
DFTPP

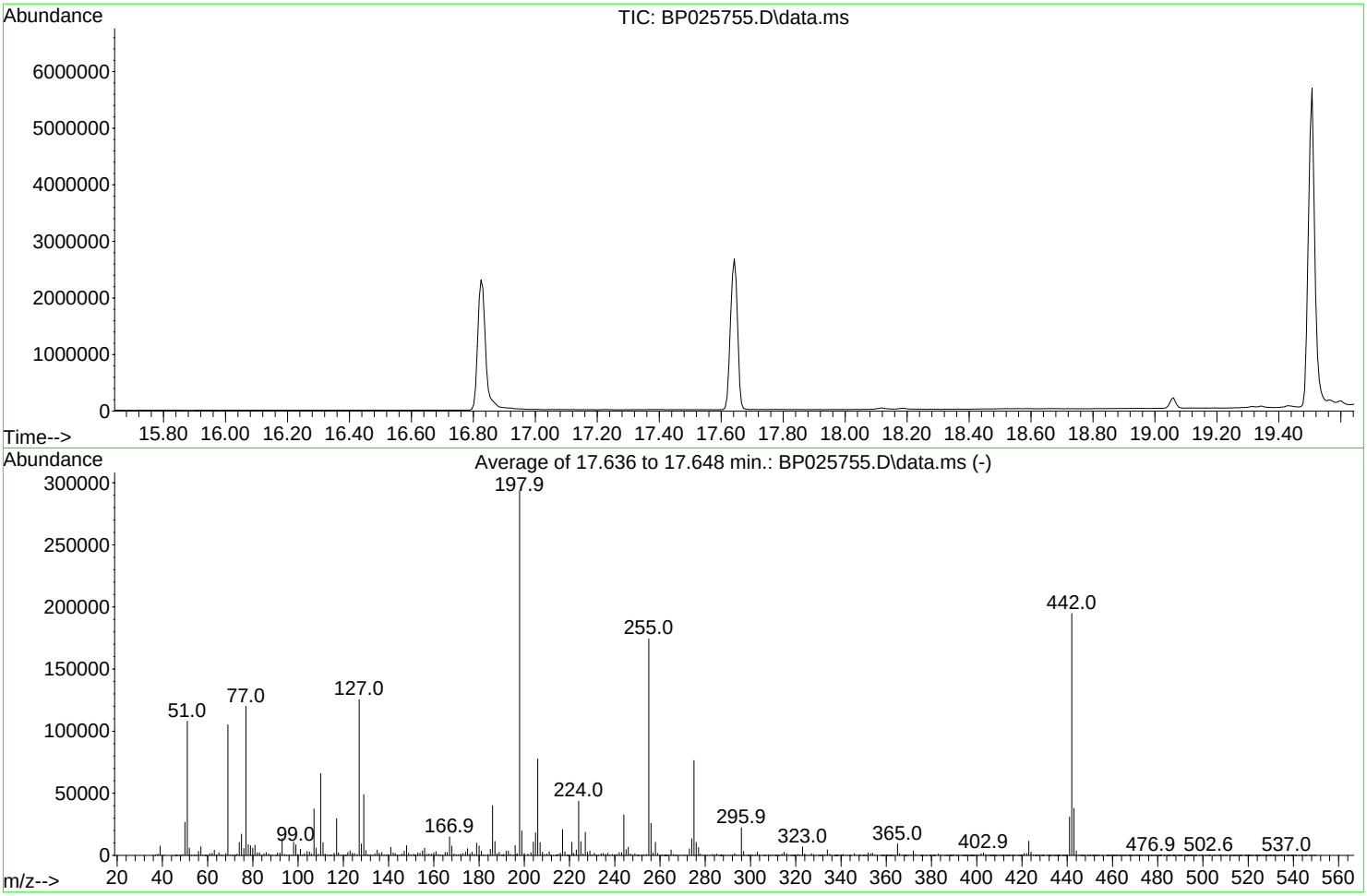
Sample Results: **BP025755.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025755.D
Acq On : 16 Sep 2025 12:50
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2488

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	1545	PASS
69	69	100	100	100.0	105244	PASS
70	69	0.00	2	0.5	503	PASS
197	198	0.00	2	0.5	1479	PASS
198	198	100	100	100.0	293310	PASS
199	198	5	9	6.7	19695	PASS
365	198	1	100	3.2	9353	PASS
441	443	0.01	150	81.6	30963	PASS
442	442	100	100	100.0	194731	PASS
443	442	15	24	19.5	37947	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/16/2025	BNA_P	BP025755.D
Compound Name	**Response**	**Retention Time**
DDT	1668155	20.789
DDD	15960	20.336
DDE	2097	19.807
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18057	1686212	1.07

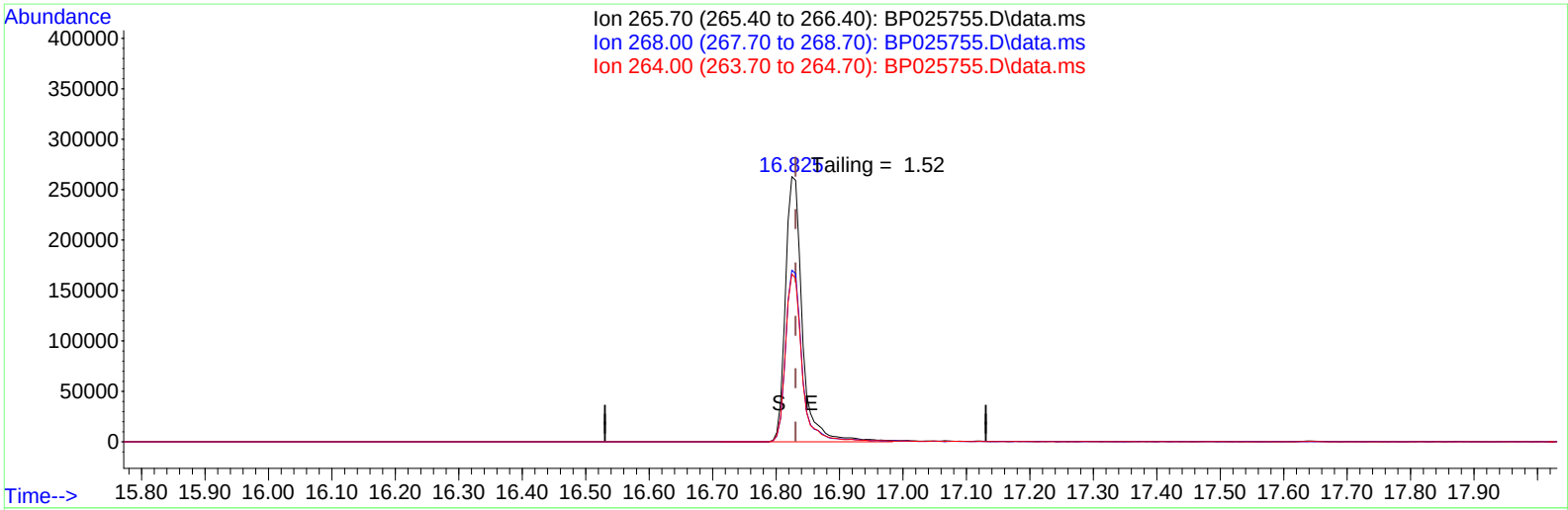
Instrument :
BNA_P
ClientSampleId :
DFTPP

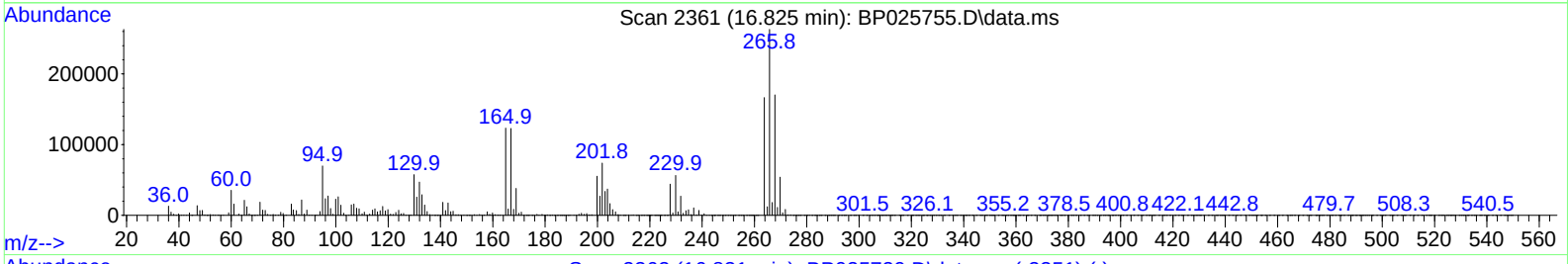
Sample Results: **BP025755.D**

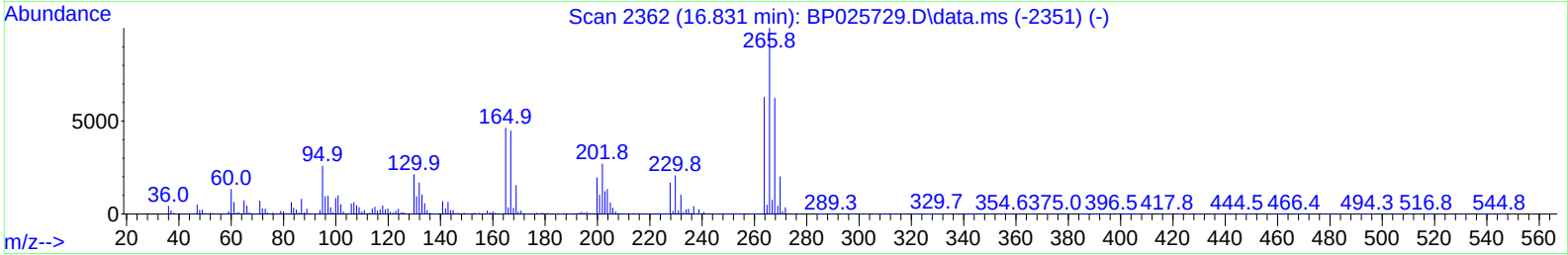
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025755.D
Acq On : 16 Sep 2025 12:50
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 16 13:17:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025755.D\data.ms

(70) Pentachlorophenol (C)

16.825min (-0.006) 2241284.43 ng

response 489303

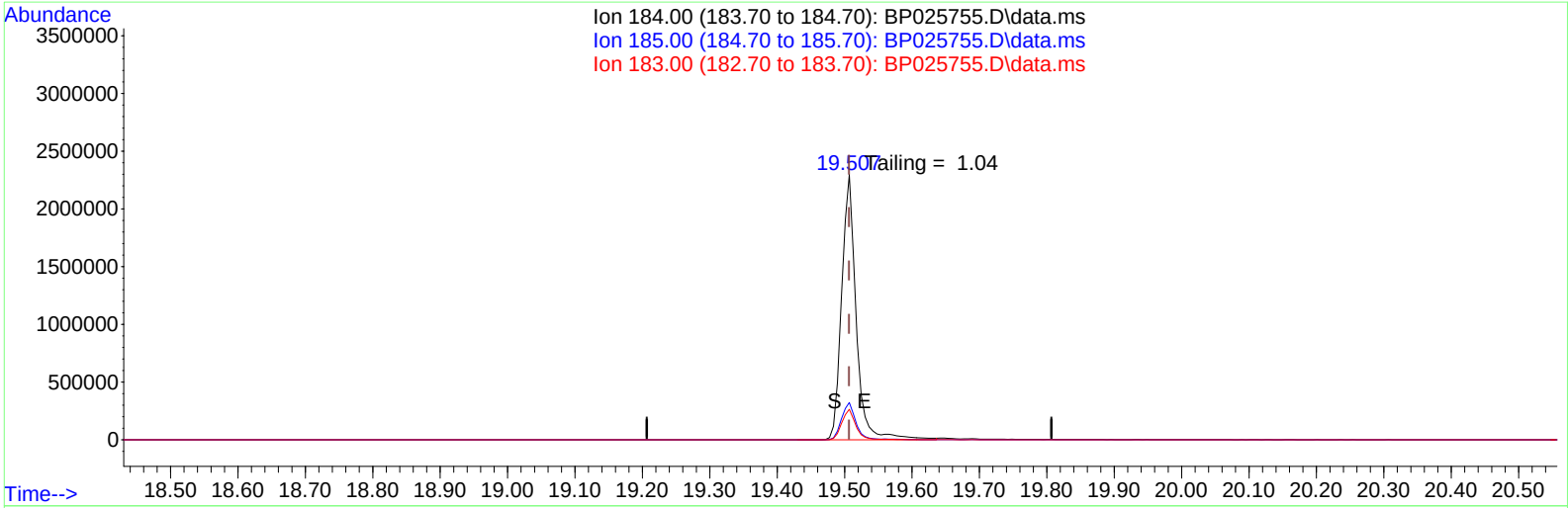
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.78
264.00	62.70	63.35
0.00	0.00	0.00

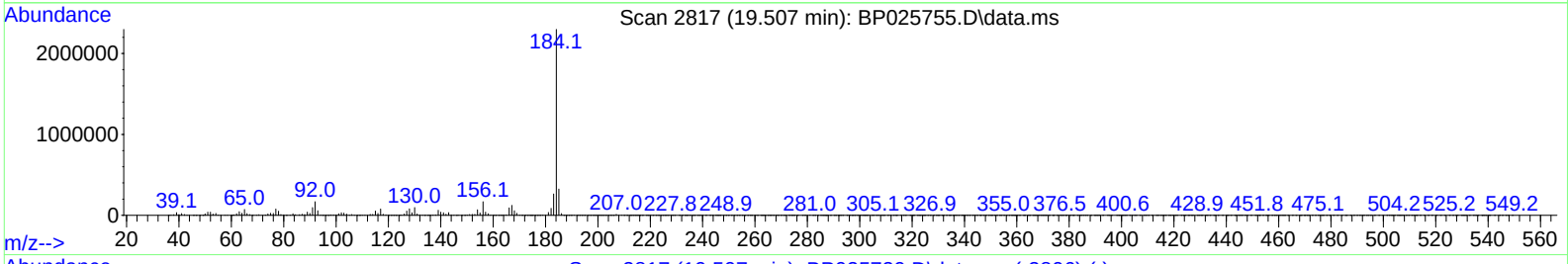
Sample Results: **BP025755.D**

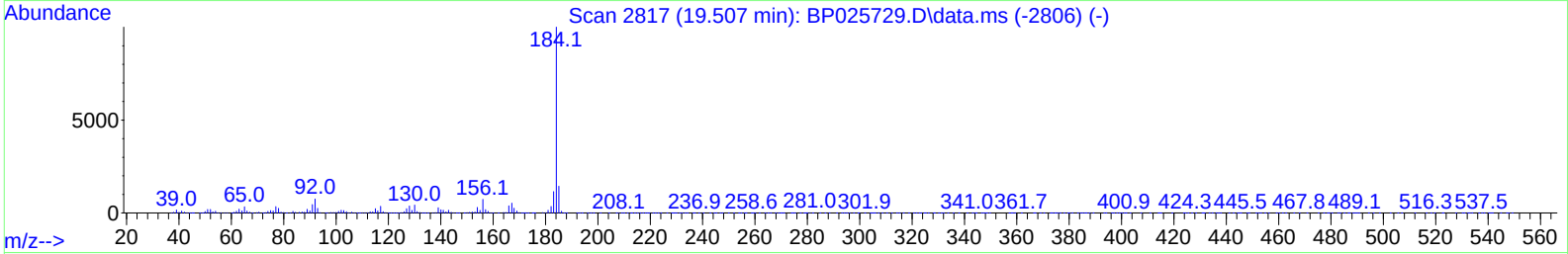
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025755.D
Acq On : 16 Sep 2025 12:50
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 16 13:17:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025755.D\data.ms

(77) Benzidine

19.507min (+ 0.000) 744639.67 ng

response 3324689

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.10
183.00	11.50	11.53
0.00	0.00	0.00

Raw Data: **BF143776.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	
Project:	PGW Phila. Gas Works	Date Received:	
Client Sample ID:	PB169696BL	SDG No.:	Q3092
Lab Sample ID:	PB169696BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143776.D	1	09/15/25 10:10	09/16/25 16:53	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		23 - 138	86%	SPK: 150
13127-88-3	Phenol-d6	128		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.8		67 - 132	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.0		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	99.5		42 - 152	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	5270	6.892			
1146-65-2	Naphthalene-d8	17100	8.169			
15067-26-2	Acenaphthene-d10	9060	9.927			
1517-22-2	Phenanthrene-d10	14600	11.416			
1719-03-5	Chrysene-d12	7740	14.063			
1520-96-3	Perylene-d12	6970	15.545			

Raw Data: **BF143776.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	
Project:	PGW Phila. Gas Works	Date Received:	
Client Sample ID:	PB169696BL	SDG No.:	Q3092
Lab Sample ID:	PB169696BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143776.D	1	09/15/25 10:10	09/16/25 16:53	PB169696

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\BF091625\
Data File : BF143776.D
Acq On : 16 Sep 2025 16:53
Operator : RC/JU
Sample : PB169696BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Quant Time: Sep 16 19:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

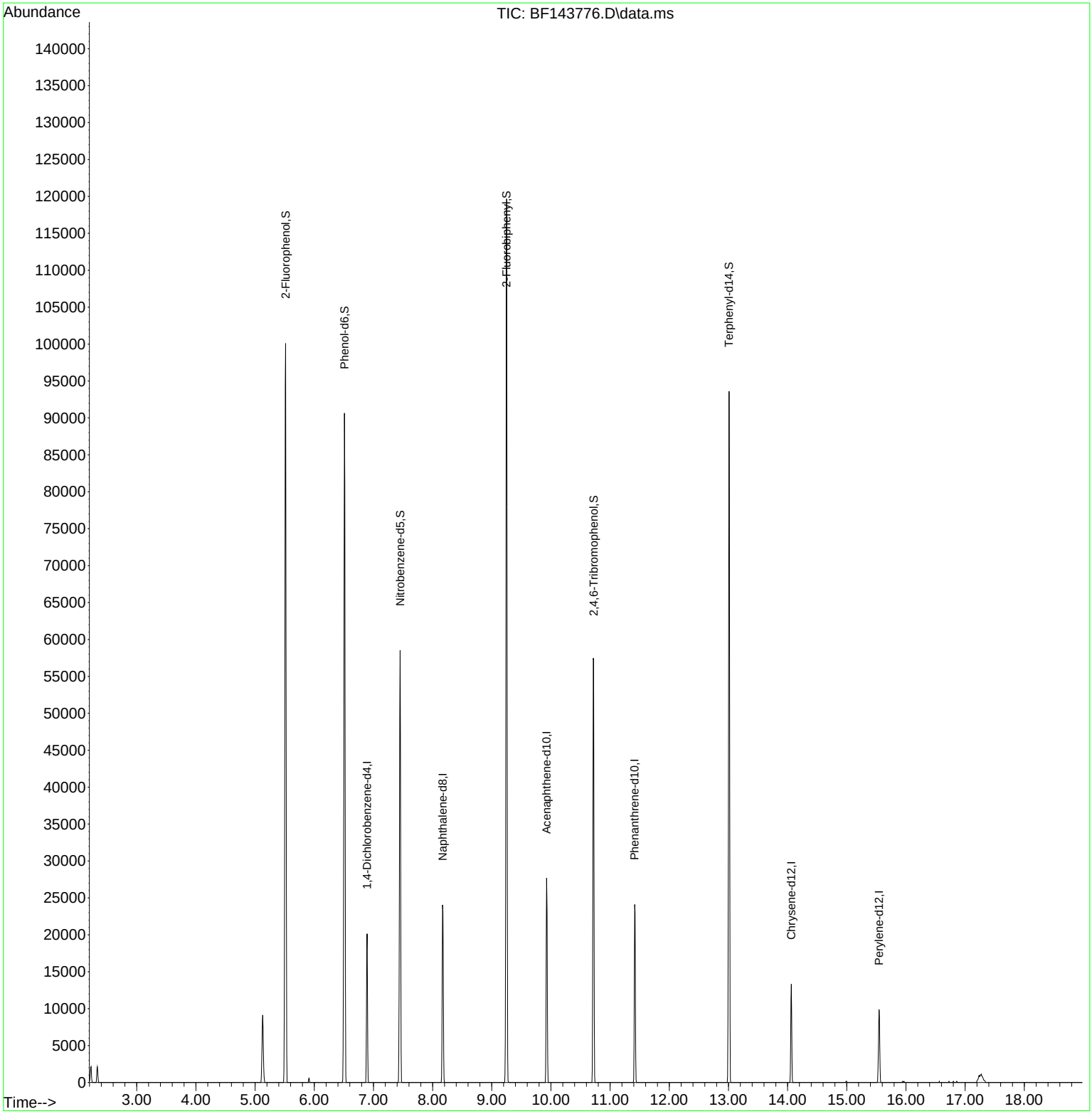
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5265	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	17131	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	9057	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	14619	20.000	ng	#-0.01
76) Chrysene-d12	14.063	240	7741	20.000	ng	-0.01
86) Perylene-d12	15.545	264	6965	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	42447	128.711	ng	0.00
7) Phenol-d6	6.510	99	49356	128.140	ng	-0.02
23) Nitrobenzene-d5	7.451	82	28033	96.828	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	11301	123.711	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	59869	91.000	ng	0.00
79) Terphenyl-d14	13.010	244	49454	99.500	ng	0.00
Target Compounds						Qvalue

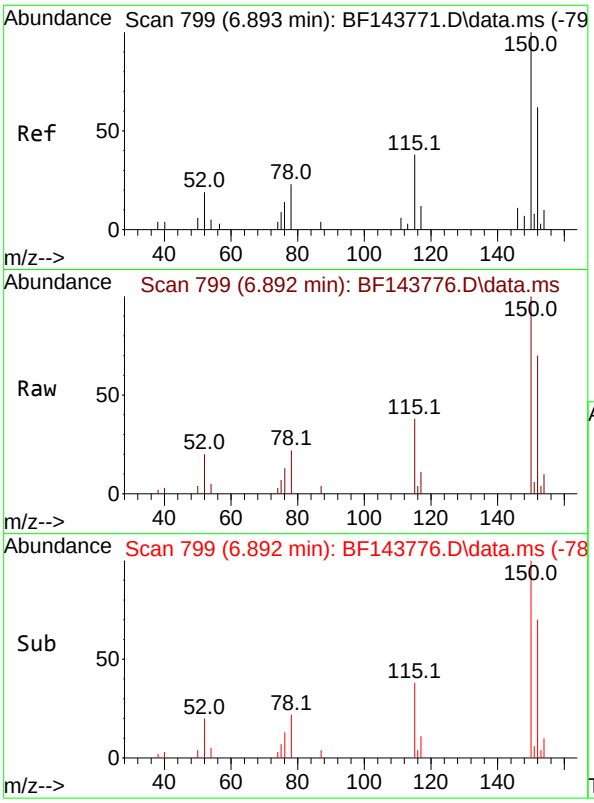
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143776.D
Acq On : 16 Sep 2025 16:53
Operator : RC/JU
Sample : PB169696BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Quant Time: Sep 16 19:31:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration



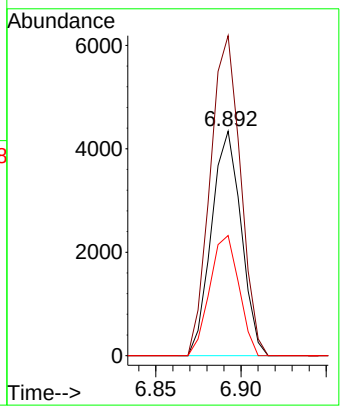


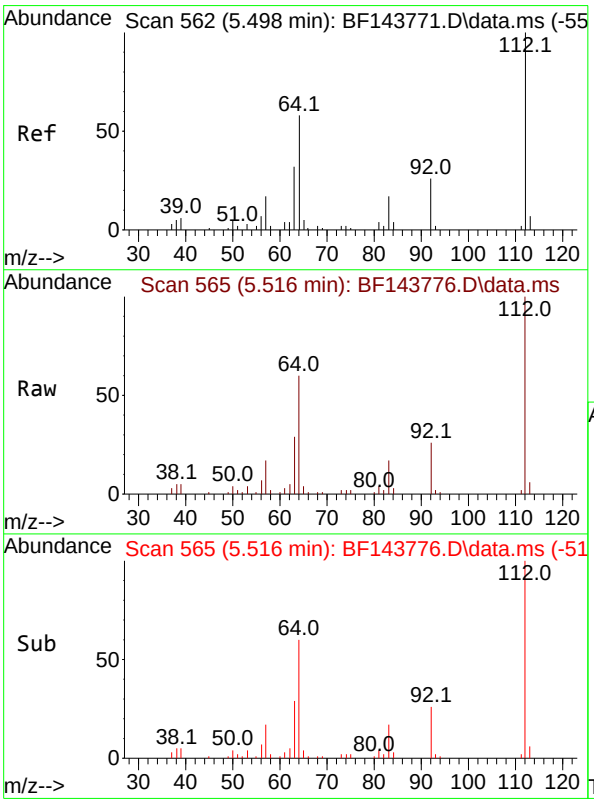
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion:152 Resp: 5265

Ion	Ratio	Lower	Upper
152	100		
150	142.5	128.8	193.2
115	53.5	49.1	73.7

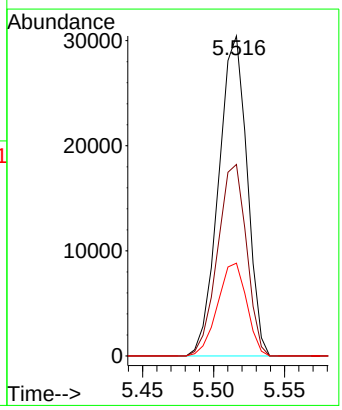


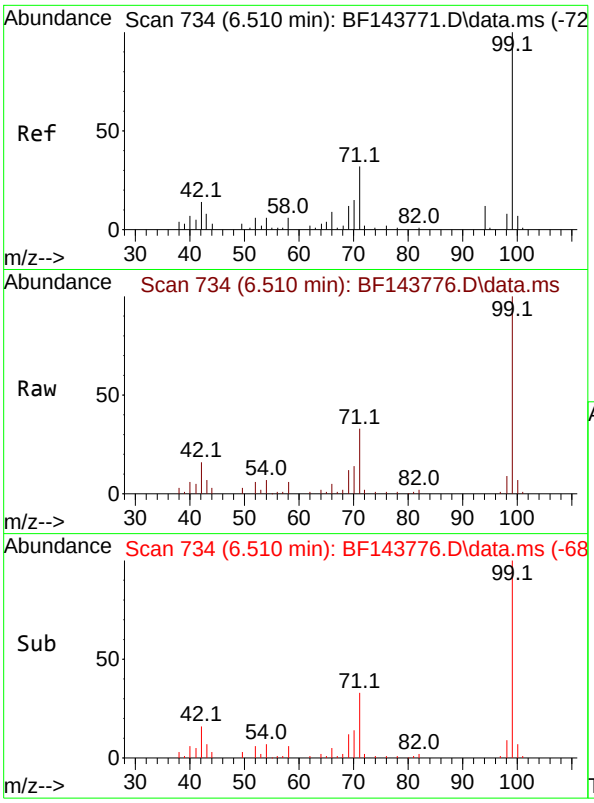


#5
2-Fluorophenol
Concen: 128.711 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:112 Resp: 42447

Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.3	69.5
63	29.0	25.4	38.2



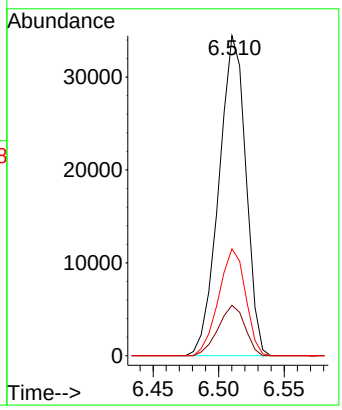


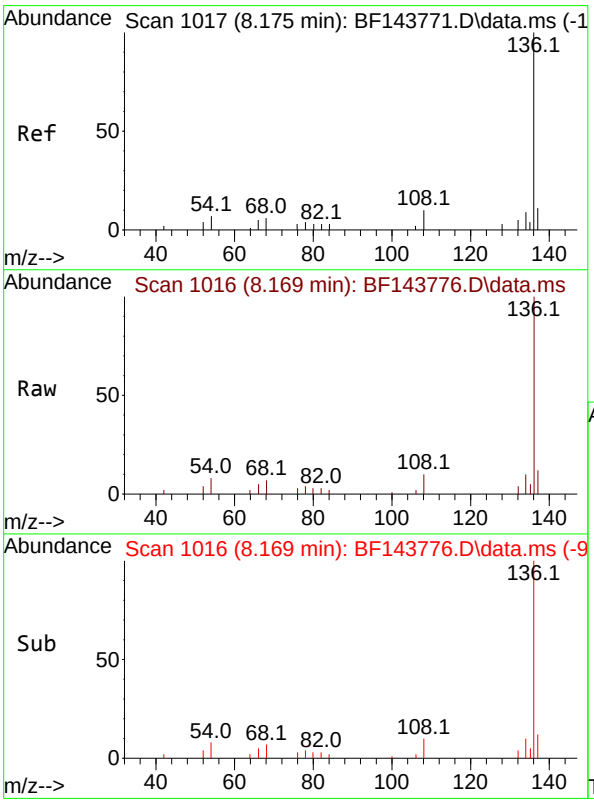
#7
Phenol-d6
Concen: 128.140 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion: 99 Resp: 49356

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.5	17.3
71	33.4	25.4	38.0

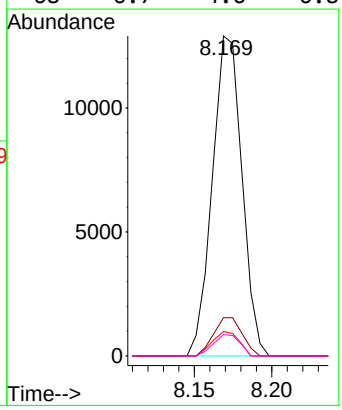


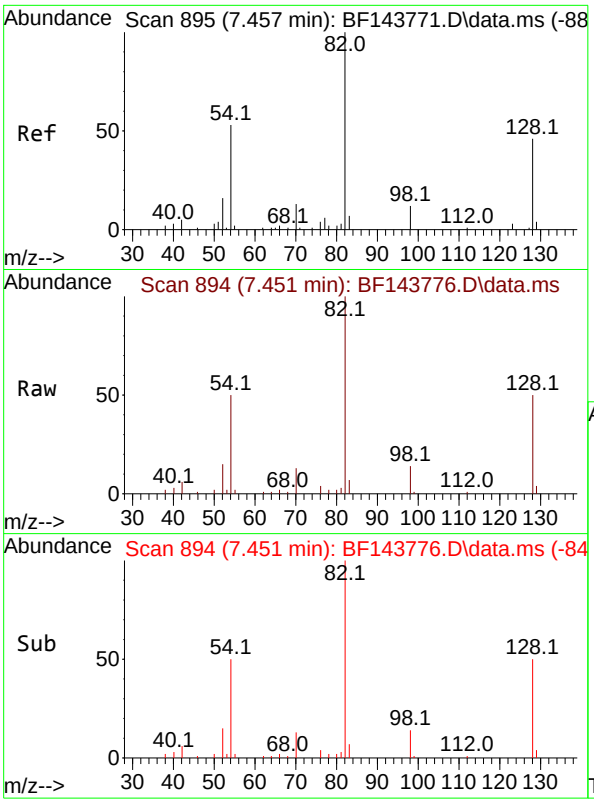


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:136 Resp: 17131

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	7.7	5.9	8.9
68	6.7	4.6	6.8



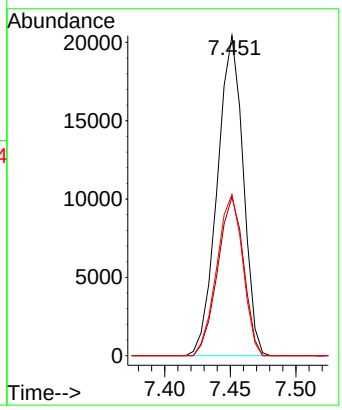


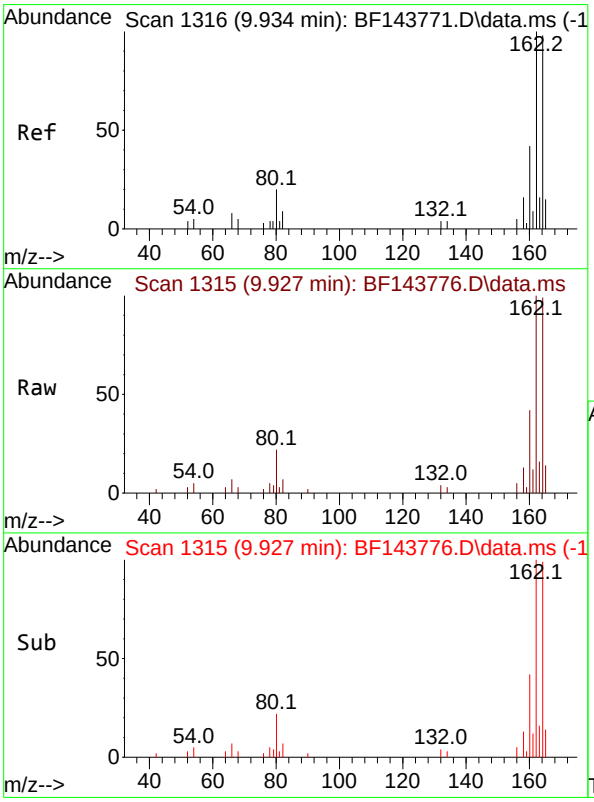
#23
Nitrobenzene-d5
Concen: 96.828 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion: 82 Resp: 28033

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.6	55.0
54	50.4	41.9	62.9

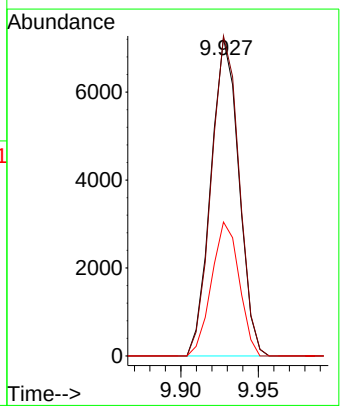


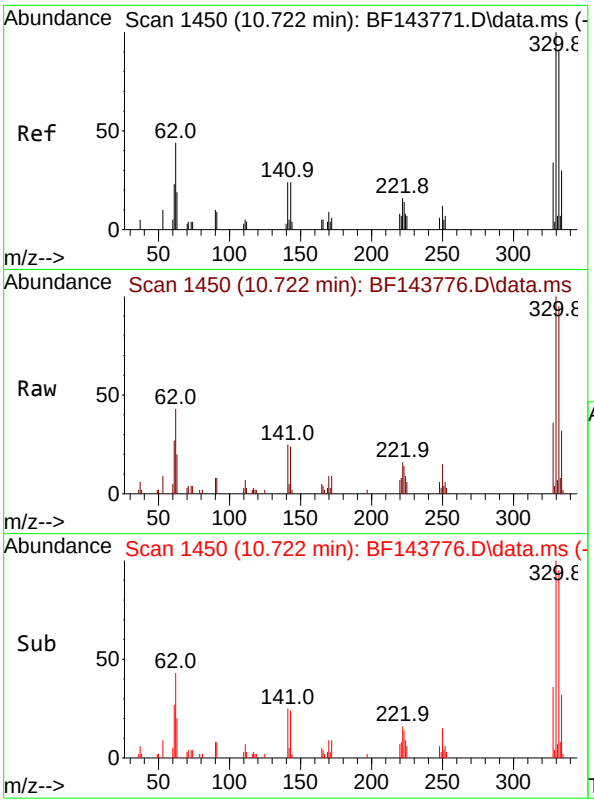


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:164 Resp: 9057

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	42.2	33.9	50.9



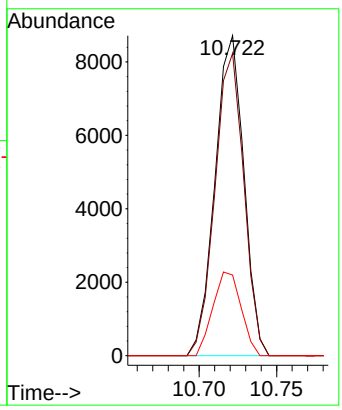


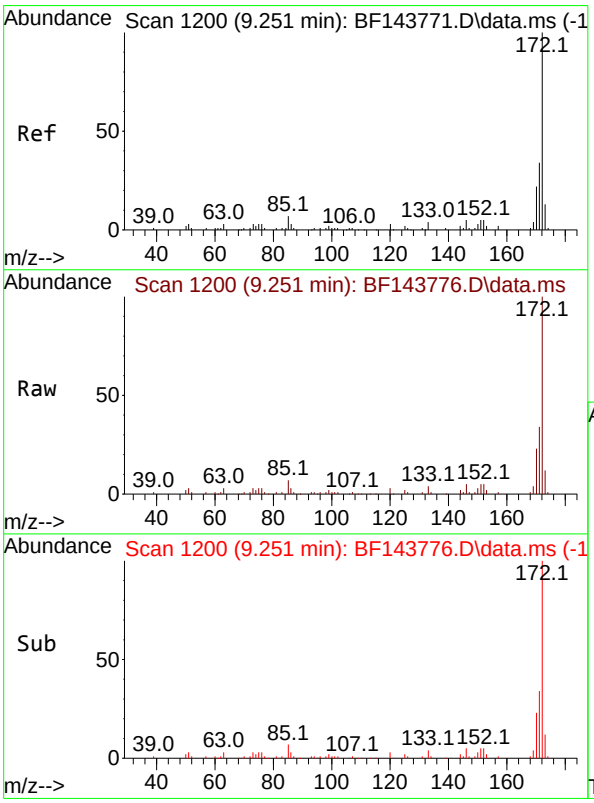
#42
2,4,6-Tribromophenol
Concen: 123.711 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion:330 Resp: 11301

Ion	Ratio	Lower	Upper
330	100		
332	94.3	72.0	108.0
141	25.5	20.3	30.5

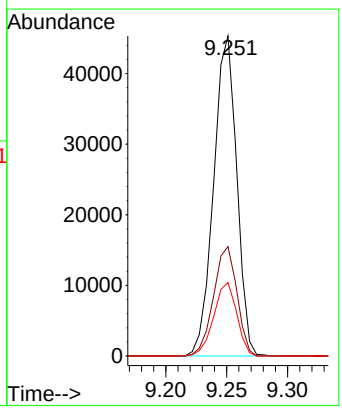


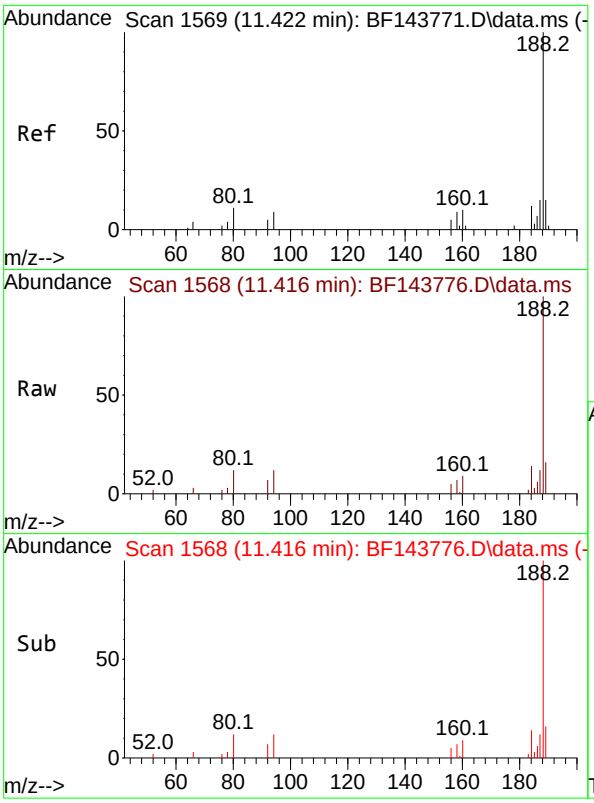


#45
2-Fluorobiphenyl
Concen: 91.000 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:172 Resp: 59869

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	23.0	17.7	26.5



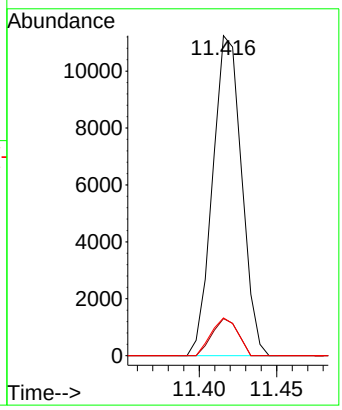


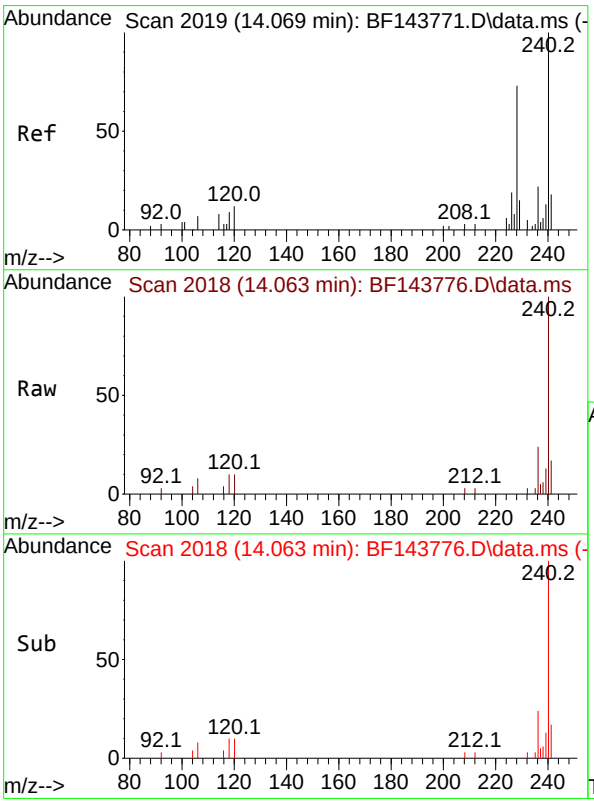
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion:188 Resp: 14619

Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.5	11.3#
80	11.8	8.6	13.0

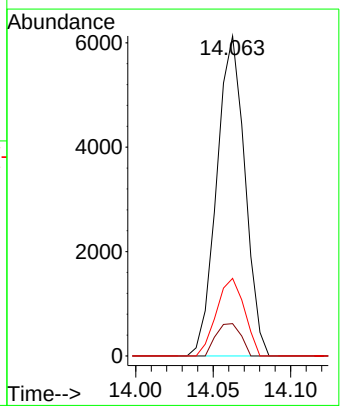


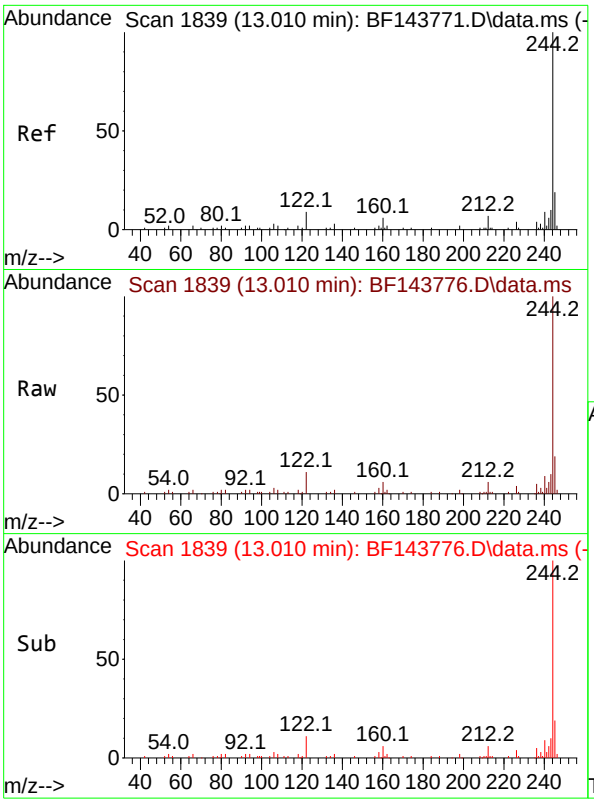


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:240 Resp: 7741

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.3	13.9
236	24.3	17.7	26.5



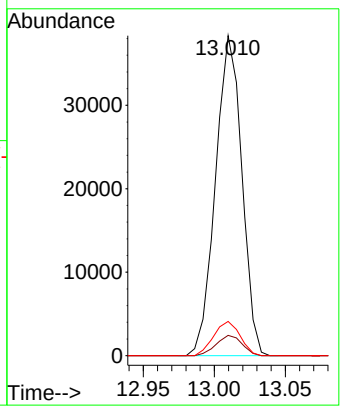


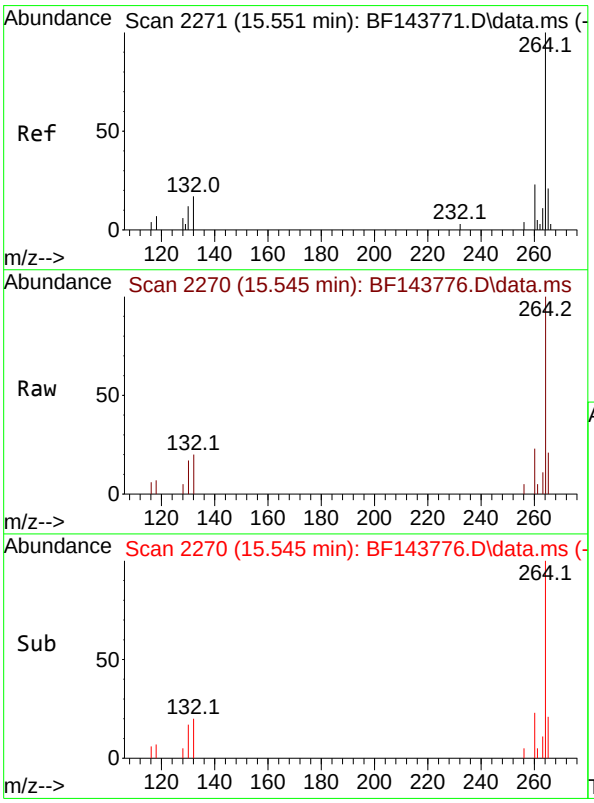
#79
Terphenyl-d14
Concen: 99.500 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Instrument :
BNA_F
ClientSampleId :
PB169696BL

Tgt Ion:244 Resp: 49454

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.7	7.6	11.4

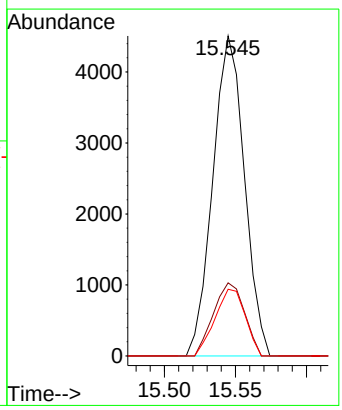




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.012 min
Lab File: BF143776.D
Acq: 16 Sep 2025 16:53

Tgt Ion:264 Resp: 6965

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	20.8	16.9	25.3



Raw Data: **BF143777.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	
Project:	PGW Phila. Gas Works	Date Received:	
Client Sample ID:	PB169696BS	SDG No.:	Q3092
Lab Sample ID:	PB169696BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143777.D	1	09/15/25 10:10	09/16/25 17:22	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	39.9		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.6		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.0		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	44.2		1.10	10.0	ug/L
67-72-1	Hexachloroethane	44.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.1		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.1		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	41.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.0		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	42.6		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	48.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	99.8	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		23 - 138	86%	SPK: 150
13127-88-3	Phenol-d6	126		10 - 134	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.4		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	85.2		42 - 152	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	4150	6.892			
1146-65-2	Naphthalene-d8	15100	8.175			
15067-26-2	Acenaphthene-d10	7830	9.933			
1517-22-2	Phenanthrene-d10	10800	11.422			
1719-03-5	Chrysene-d12	6790	14.068			
1520-96-3	Perylene-d12	6020	15.545			

Raw Data: **BF143777.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.			Date Collected:	
Project:	PGW Phila. Gas Works			Date Received:	
Client Sample ID:	PB169696BS			SDG No.:	Q3092
Lab Sample ID:	PB169696BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143777.D	1	09/15/25 10:10	09/16/25 17:22	PB169696

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\BF091625\
Data File : BF143777.D
Acq On : 16 Sep 2025 17:22
Operator : RC/JU
Sample : PB169696BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 01:46:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169696BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	4147	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	15087	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	7826	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	10752	20.000	ng		0.00
76) Chrysene-d12	14.068	240	6785	20.000	ng		0.00
86) Perylene-d12	15.545	264	6021	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	33568	129.228	ng		0.00
7) Phenol-d6	6.516	99	38279	126.174	ng		-0.01
23) Nitrobenzene-d5	7.451	82	22020	86.363	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	9387	118.922	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	47728	83.957	ng		0.00
79) Terphenyl-d14	13.010	244	37131	85.233	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	5272	39.010	ng		96
3) Pyridine	3.504	79	13320	39.878	ng		95
4) n-Nitrosodimethylamine	3.457	42	5639	47.536	ng		98
6) Aniline	6.557	93	13814	34.833	ng		98
8) 2-Chlorophenol	6.675	128	11626	41.544	ng		95
9) Benzaldehyde	6.440	77	4838	25.828	ng		88
10) Phenol	6.528	94	15279	45.270	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	11013	43.829	ng		98
12) 1,3-Dichlorobenzene	6.834	146	13796	44.283	ng		98
13) 1,4-Dichlorobenzene	6.910	146	14085	45.644	ng		98
14) 1,2-Dichlorobenzene	7.063	146	13008	44.804	ng		99
15) Benzyl Alcohol	7.028	79	9001	44.402	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	12164	43.463	ng		99
17) 2-Methylphenol	7.139	107	9007	42.959	ng		93
18) Hexachloroethane	7.404	117	4288	44.402	ng		86
19) n-Nitroso-di-n-propyla...	7.304	70	8030	45.561	ng		95
20) 3+4-Methylphenols	7.292	107	12211	44.246	ng		91
22) Acetophenone	7.298	105	16972	47.647	ng		95
24) Nitrobenzene	7.475	77	11138	43.079	ng		98
25) Isophorone	7.710	82	20877	45.208	ng	#	96
26) 2-Nitrophenol	7.787	139	6167	44.185	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	10653	48.127	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	12693	44.097	ng		98
29) 2,4-Dichlorophenol	8.028	162	9886	45.489	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	10442	44.577	ng		98
31) Naphthalene	8.198	128	33200	43.083	ng		98
32) Benzoic acid	7.922	122	5758	46.383	ng		95
33) 4-Chloroaniline	8.239	127	7518	29.247	ng		97
34) Hexachlorobutadiene	8.316	225	6320	42.081	ng		94
35) Caprolactam	8.604	113	2338m	44.643	ng		
36) 4-Chloro-3-methylphenol	8.716	107	9062	42.180	ng		98
37) 2-Methylnaphthalene	8.886	142	18842	37.828	ng		99
38) 1-Methylnaphthalene	8.986	142	20166	41.476	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	10599	44.899	ng		98
41) Hexachlorocyclopentadiene	9.039	237	14052	108.933	ng		95
43) 2,4,6-Trichlorophenol	9.163	196	6659	41.789	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143777.D
Acq On : 16 Sep 2025 17:22
Operator : RC/JU
Sample : PB169696BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 01:46:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169696BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7002	43.987	ng		91
46) 1,1'-Biphenyl	9.351	154	26541	44.142	ng		99
47) 2-Chloronaphthalene	9.375	162	20110	42.970	ng		99
48) 2-Nitroaniline	9.469	65	5371	43.799	ng		89
49) Acenaphthylene	9.792	152	31095	47.278	ng		97
50) Dimethylphthalate	9.651	163	21781	42.346	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	4640	43.760	ng		94
52) Acenaphthene	9.969	154	21090	47.846	ng		98
53) 3-Nitroaniline	9.880	138	3348	29.941	ng		94
54) 2,4-Dinitrophenol	9.986	184	5031	74.159	ng	#	32
55) Dibenzofuran	10.139	168	27743	43.342	ng		96
56) 4-Nitrophenol	10.033	139	7282	85.986	ng		99
57) 2,4-Dinitrotoluene	10.116	165	6282	42.572	ng		96
58) Fluorene	10.480	166	22570	45.096	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5419	44.436	ng	#	97
60) Diethylphthalate	10.351	149	20494	43.398	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	10731	42.742	ng		97
62) 4-Nitroaniline	10.492	138	4397	41.165	ng		96
63) Azobenzene	10.633	77	18295	43.899	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	3527	48.438	ng		97
66) n-Nitrosodiphenylamine	10.592	169	17978	47.912	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	6221	46.831	ng		97
68) Hexachlorobenzene	11.027	284	6828	48.308	ng		100
69) Atrazine	11.116	200	5519	49.523	ng		90
70) Pentachlorophenol	11.222	266	7785	99.760	ng		98
71) Phenanthrene	11.445	178	27453	44.303	ng		100
72) Anthracene	11.498	178	28226	44.668	ng		99
73) Carbazole	11.651	167	24045	46.682	ng		100
74) Di-n-butylphthalate	11.980	149	29135	46.562	ng		98
75) Fluoranthene	12.633	202	24820	43.414	ng		98
77) Benzidine	12.757	184	6337	30.194	ng		97
78) Pyrene	12.863	202	24787m	44.897	ng		
80) Butylbenzylphthalate	13.486	149	9253	48.491	ng		92
81) Benzo(a)anthracene	14.057	228	20510	45.938	ng		97
82) 3,3'-Dichlorobenzidine	14.016	252	4167	32.624	ng		96
83) Chrysene	14.092	228	17530	43.042	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	13858	53.530	ng		94
85) Di-n-octyl phthalate	14.657	149	21009	48.073	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	18677	48.463	ng		98
88) Benzo(b)fluoranthene	15.110	252	18619	49.942	ng		99
89) Benzo(k)fluoranthene	15.145	252	16386	50.121	ng		99
90) Benzo(a)pyrene	15.486	252	16307	50.756	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	15705	50.723	ng		98
92) Benzo(g,h,i)perylene	17.509	276	14400	48.516	ng		98

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

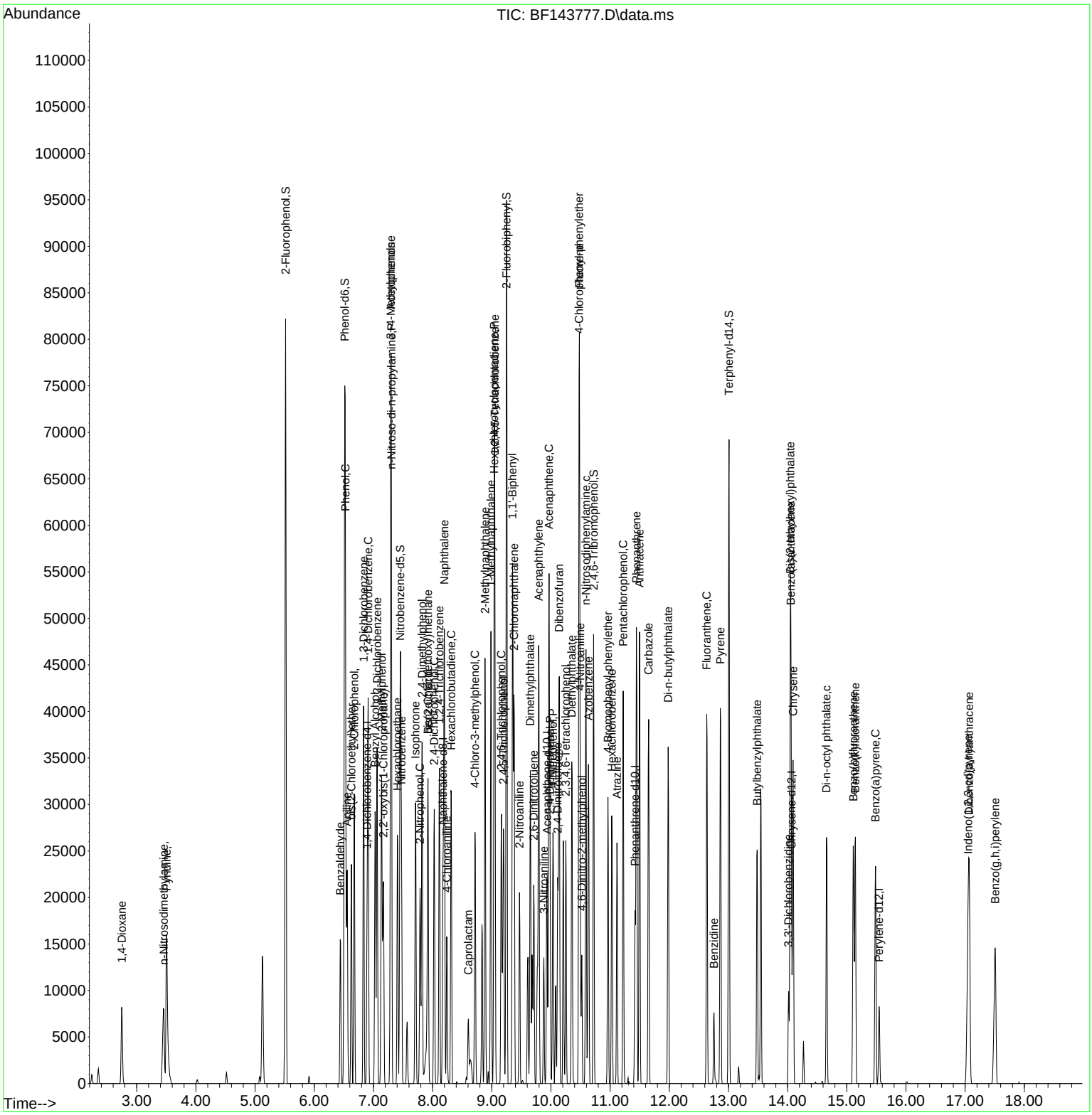
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143777.D
Acq On : 16 Sep 2025 17:22
Operator : RC/JU
Sample : PB169696BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 01:46:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169696BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025



Raw Data: **BF143757.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/11/25
Project:	PGW Phila. Gas Works	Date Received:	09/11/25
Client Sample ID:	WC-29MS	SDG No.:	Q3092
Lab Sample ID:	Q3082-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143757.D	1	09/15/25 10:10	09/15/25 17:58	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	440		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	510		5.30	50.0	ug/L
95-48-7	2-Methylphenol	580		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	590		11.0	100	ug/L
67-72-1	Hexachloroethane	460		6.50	50.0	ug/L
98-95-3	Nitrobenzene	550		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	490		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	620		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	610		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	710		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	570		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1200	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	170		23 - 138	114%	SPK: 150
13127-88-3	Phenol-d6	159		10 - 134	106%	SPK: 150
4165-60-0	Nitrobenzene-d5	119		67 - 132	119%	SPK: 100
321-60-8	2-Fluorobiphenyl	118		52 - 132	118%	SPK: 100
118-79-6	2,4,6-Tribromophenol	194		44 - 137	129%	SPK: 150
1718-51-0	Terphenyl-d14	133		42 - 152	133%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	15600	6.892			
1146-65-2	Naphthalene-d8	59300	8.175			
15067-26-2	Acenaphthene-d10	33200	9.933			
1517-22-2	Phenanthrene-d10	57800	11.427			
1719-03-5	Chrysene-d12	33900	14.068			
1520-96-3	Perylene-d12	27200	15.551			

Raw Data: **BF143757.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/11/25
Project:	PGW Phila. Gas Works	Date Received:	09/11/25
Client Sample ID:	WC-29MS	SDG No.:	Q3092
Lab Sample ID:	Q3082-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143757.D	1	09/15/25 10:10	09/15/25 17:58	PB169696

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\BF091525\
Data File : BF143757.D
Acq On : 15 Sep 2025 17:58
Operator : RC/JU
Sample : Q3082-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MS

Quant Time: Sep 15 18:21:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	15629	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	59287	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	33245	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	57772	20.000	ng		0.02
76) Chrysene-d12	14.068	240	33945	20.000	ng		0.02
86) Perylene-d12	15.551	264	27158	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	155974	170.269	ng		0.03
7) Phenol-d6	6.522	99	177525	159.162	ng		0.02
23) Nitrobenzene-d5	7.457	82	113851	119.446	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	64974	193.932	ng		0.02
45) 2-Fluorobiphenyl	9.251	172	258961	117.669	ng		0.00
79) Terphenyl-d14	13.016	244	278366	132.891	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.922	88	19534	47.805	ng	#	86
3) Pyridine	3.604	79	46110	43.683	ng		96
4) n-Nitrosodimethylamine	3.551	42	20902	52.130	ng	#	94
6) Aniline	6.557	93	24318	16.461	ng		98
8) 2-Chlorophenol	6.681	128	54679	55.267	ng		95
9) Benzaldehyde	6.445	77	20882	23.204	ng		96
10) Phenol	6.534	94	62981	51.082	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	50476	54.816	ng		94
12) 1,3-Dichlorobenzene	6.834	146	55903	49.406	ng		98
13) 1,4-Dichlorobenzene	6.910	146	57860	50.663	ng		97
14) 1,2-Dichlorobenzene	7.063	146	53808	49.892	ng		99
15) Benzyl Alcohol	7.034	79	46787	57.667	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	53042	44.029	ng		91
17) 2-Methylphenol	7.139	107	46224	58.080	ng		99
18) Hexachloroethane	7.410	117	17054	46.226	ng		90
19) n-Nitroso-di-n-propyla...	7.304	70	39551	57.737	ng		97
20) 3+4-Methylphenols	7.292	107	61357	58.545	ng		93
22) Acetophenone	7.304	105	84570	63.159	ng		99
24) Nitrobenzene	7.475	77	54087	54.726	ng		97
25) Isophorone	7.716	82	104997	57.447	ng		98
26) 2-Nitrophenol	7.792	139	29309	60.315	ng		96
27) 2,4-Dimethylphenol	7.822	122	53305	61.105	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	63152	56.224	ng		99
29) 2,4-Dichlorophenol	8.028	162	49673	56.607	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	50425	55.467	ng		99
31) Naphthalene	8.198	128	159749	54.431	ng		99
32) Benzoic acid	7.939	122	33346	62.656	ng		97
33) 4-Chloroaniline	8.239	127	11203	10.965	ng		96
34) Hexachlorobutadiene	8.316	225	29009	48.922	ng		98
35) Caprolactam	8.616	113	12804m	54.823	ng		
36) 4-Chloro-3-methylphenol	8.722	107	51110	59.071	ng		97
37) 2-Methylnaphthalene	8.892	142	101675	50.609	ng		99
38) 1-Methylnaphthalene	8.986	142	105258	54.593	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58766	61.745	ng		98
41) Hexachlorocyclopentadiene	9.045	237	63324	129.596	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	39457	62.085	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143757.D
Acq On : 15 Sep 2025 17:58
Operator : RC/JU
Sample : Q3082-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MS

Quant Time: Sep 15 18:21:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

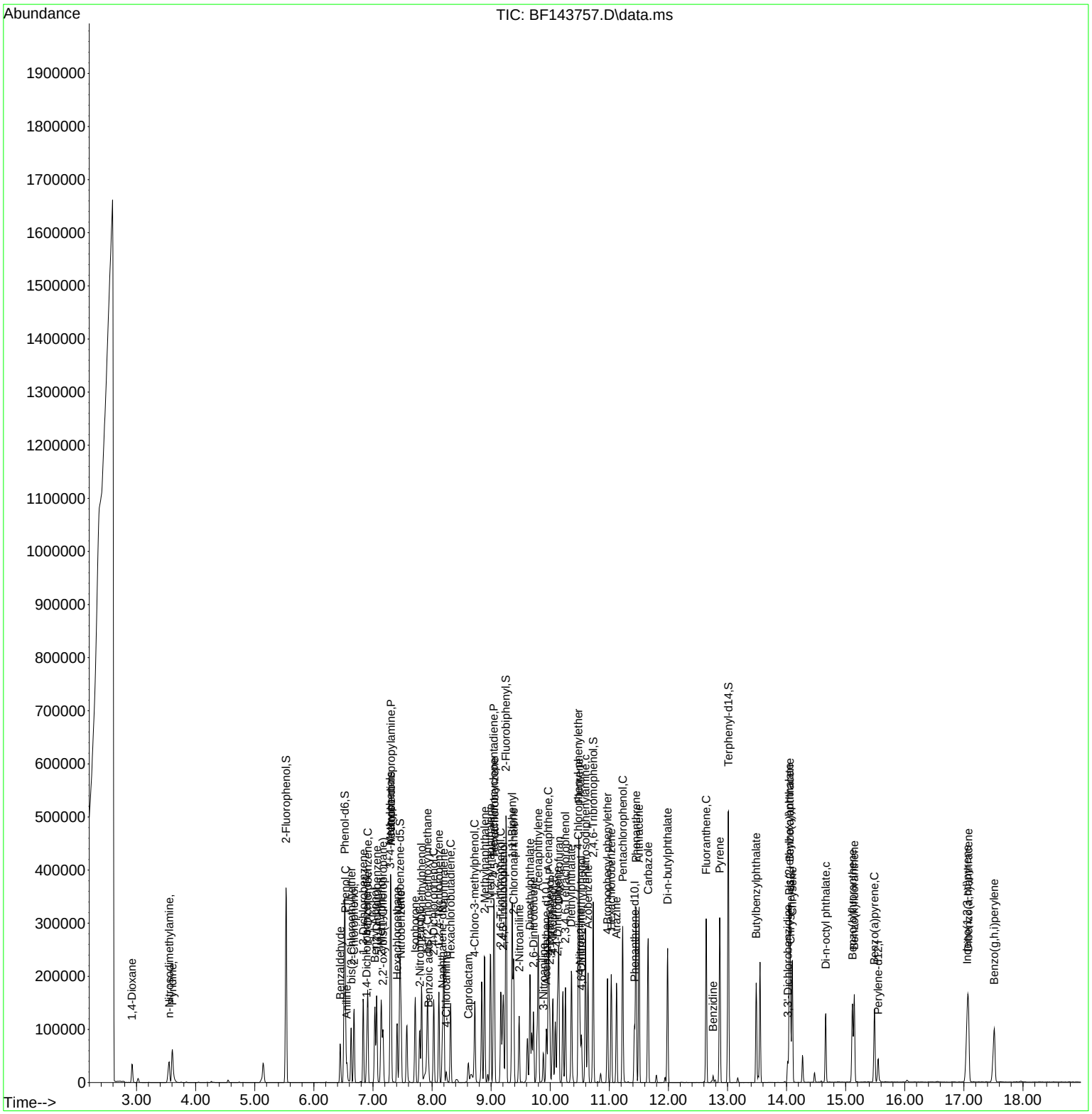
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	39557	61.226	ng		99
46) 1,1'-Biphenyl	9.357	154	157754	65.913	ng		100
47) 2-Chloronaphthalene	9.380	162	107681	57.390	ng		99
48) 2-Nitroaniline	9.475	65	31690	63.821	ng		96
49) Acenaphthylene	9.798	152	183351	68.219	ng		99
50) Dimethylphthalate	9.657	163	132699	61.349	ng		100
51) 2,6-Dinitrotoluene	9.716	165	28128	68.014	ng		96
52) Acenaphthene	9.969	154	118275	63.861	ng		98
53) 3-Nitroaniline	9.886	138	14027	31.517	ng		93
54) 2,4-Dinitrophenol	9.992	184	30126	131.531	ng	#	37
55) Dibenzofuran	10.145	168	159796	60.002	ng		98
56) 4-Nitrophenol	10.045	139	46032	130.005	ng		95
57) 2,4-Dinitrotoluene	10.122	165	39948	70.973	ng		97
58) Fluorene	10.486	166	131272	62.969	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34037	64.971	ng		98
60) Diethylphthalate	10.357	149	122810	60.477	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	62707	59.310	ng		98
62) 4-Nitroaniline	10.504	138	28453	67.500	ng		97
63) Azobenzene	10.639	77	109294	60.879	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	20701	70.378	ng		97
66) n-Nitrosodiphenylamine	10.598	169	111524	58.926	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	37997	54.540	ng		95
68) Hexachlorobenzene	11.033	284	41894	56.951	ng		98
69) Atrazine	11.122	200	35979	60.630	ng		99
70) Pentachlorophenol	11.227	266	53712	120.786	ng		94
71) Phenanthrene	11.451	178	186196	58.495	ng		99
72) Anthracene	11.504	178	190699	59.581	ng		100
73) Carbazole	11.657	167	167775	64.006	ng		99
74) Di-n-butylphthalate	11.986	149	193162	61.209	ng		99
75) Fluoranthene	12.639	202	183760	62.885	ng		99
77) Benzidine	12.757	184	9079	8.202	ng		97
78) Pyrene	12.868	202	186422	68.688	ng		99
80) Butylbenzylphthalate	13.486	149	63458	74.625	ng		99
81) Benzo(a)anthracene	14.057	228	130815	59.902	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	14577	21.697	ng		98
83) Chrysene	14.098	228	122460	61.227	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	76210	62.812	ng		99
85) Di-n-octyl phthalate	14.663	149	94821	43.611	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	122840	66.275	ng		98
88) Benzo(b)fluoranthene	15.115	252	95296	58.946	ng		99
89) Benzo(k)fluoranthene	15.145	252	95714	65.600	ng		98
90) Benzo(a)pyrene	15.486	252	90534	63.744	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	100478	65.340	ng		98
92) Benzo(g,h,i)perylene	17.515	276	98272	68.321	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143757.D
Acq On : 15 Sep 2025 17:58
Operator : RC/JU
Sample : Q3082-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MS

Quant Time: Sep 15 18:21:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



Raw Data: **BF143758.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/11/25
Project:	PGW Phila. Gas Works	Date Received:	09/11/25
Client Sample ID:	WC-29MSD	SDG No.:	Q3092
Lab Sample ID:	Q3082-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143758.D	1	09/15/25 10:10	09/15/25 18:28	PB169696

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	400		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	450		5.30	50.0	ug/L
95-48-7	2-Methylphenol	510		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.0	100	ug/L
67-72-1	Hexachloroethane	420		6.50	50.0	ug/L
98-95-3	Nitrobenzene	490		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	430		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	570		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	550		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	600		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	520		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	152		23 - 138	101%	SPK: 150
13127-88-3	Phenol-d6	143		10 - 134	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		67 - 132	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	106		52 - 132	106%	SPK: 100
118-79-6	2,4,6-Tribromophenol	172		44 - 137	115%	SPK: 150
1718-51-0	Terphenyl-d14	117		42 - 152	117%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17400	6.892			
1146-65-2	Naphthalene-d8	66600	8.175			
15067-26-2	Acenaphthene-d10	36400	9.933			
1517-22-2	Phenanthrene-d10	60000	11.422			
1719-03-5	Chrysene-d12	36400	14.068			
1520-96-3	Perylene-d12	28500	15.551			

Raw Data: **BF143758.D**

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

Report of Analysis

Client:	Atlantic Recovery Services, Inc.	Date Collected:	09/11/25
Project:	PGW Phila. Gas Works	Date Received:	09/11/25
Client Sample ID:	WC-29MSD	SDG No.:	Q3092
Lab Sample ID:	Q3082-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143758.D	1	09/15/25 10:10	09/15/25 18:28	PB169696

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\BF091525\
Data File : BF143758.D
Acq On : 15 Sep 2025 18:28
Operator : RC/JU
Sample : Q3082-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MSD

Quant Time: Sep 15 18:49:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	17438	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	66564	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	36375	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	60029	20.000	ng		0.01
76) Chrysene-d12	14.068	240	36351	20.000	ng		0.02
86) Perylene-d12	15.551	264	28488	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	155056	151.708	ng		0.04
7) Phenol-d6	6.522	99	178424	143.373	ng		0.02
23) Nitrobenzene-d5	7.457	82	112802	105.408	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	63068	172.045	ng		0.02
45) 2-Fluorobiphenyl	9.251	172	254272	105.596	ng		0.00
79) Terphenyl-d14	13.010	244	263146	117.310	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.387	88	2809	6.161	ng	#	50
3) Pyridine	3.616	79	47462	40.300	ng		95
4) n-Nitrosodimethylamine	3.563	42	21675	48.450	ng	#	98
6) Aniline	6.557	93	25419	15.422	ng		99
8) 2-Chlorophenol	6.681	128	55984	50.716	ng		94
9) Benzaldehyde	6.445	77	20294	20.212	ng		98
10) Phenol	6.534	94	65166	47.371	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	50159	48.821	ng		92
12) 1,3-Dichlorobenzene	6.834	146	55655	44.084	ng		99
13) 1,4-Dichlorobenzene	6.910	146	57813	45.370	ng		97
14) 1,2-Dichlorobenzene	7.063	146	53927	44.815	ng		99
15) Benzyl Alcohol	7.034	79	46839	51.742	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	55139	41.021	ng		93
17) 2-Methylphenol	7.140	107	45691	51.454	ng		99
18) Hexachloroethane	7.410	117	17224	41.844	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	38355	50.182	ng		97
20) 3+4-Methylphenols	7.292	107	60905	52.085	ng		93
22) Acetophenone	7.304	105	86102	57.273	ng		99
24) Nitrobenzene	7.475	77	54181	48.828	ng		95
25) Isophorone	7.716	82	103090	50.237	ng		97
26) 2-Nitrophenol	7.792	139	30529	55.958	ng		94
27) 2,4-Dimethylphenol	7.822	122	53286	54.406	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	62734	49.746	ng		99
29) 2,4-Dichlorophenol	8.028	162	50733	51.494	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	49559	48.554	ng		99
31) Naphthalene	8.198	128	158886	48.218	ng		99
32) Benzoic acid	7.939	122	36246	60.659	ng		95
33) 4-Chloroaniline	8.239	127	10632	9.268	ng		97
34) Hexachlorobutadiene	8.316	225	28433	42.709	ng		99
35) Caprolactam	8.616	113	12433m	47.414	ng		
36) 4-Chloro-3-methylphenol	8.722	107	50433	51.916	ng		98
37) 2-Methylnaphthalene	8.886	142	102047	45.241	ng		99
38) 1-Methylnaphthalene	8.986	142	105751	48.853	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	58373	56.055	ng		99
41) Hexachlorocyclopentadiene	9.045	237	60917	113.943	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	39484	56.782	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143758.D
Acq On : 15 Sep 2025 18:28
Operator : RC/JU
Sample : Q3082-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MSD

Quant Time: Sep 15 18:49:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

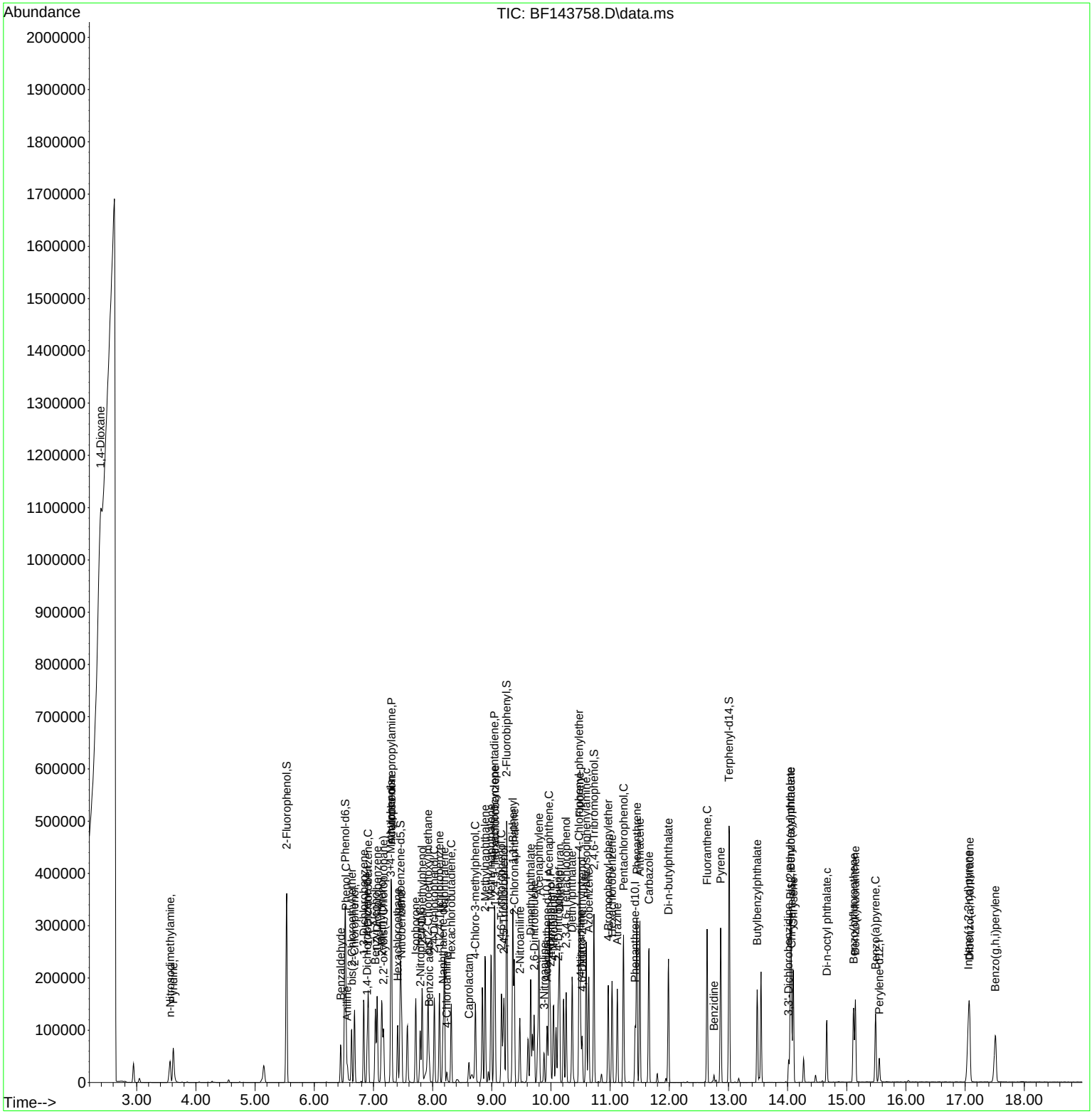
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	38670	54.703	ng		98
46) 1,1'-Biphenyl	9.357	154	155001	59.190	ng		99
47) 2-Chloronaphthalene	9.381	162	107201	52.218	ng		99
48) 2-Nitroaniline	9.475	65	30830	56.747	ng		98
49) Acenaphthylene	9.798	152	179079	60.896	ng		100
50) Dimethylphthalate	9.657	163	126062	53.266	ng		99
51) 2,6-Dinitrotoluene	9.716	165	27720	61.259	ng		94
52) Acenaphthene	9.969	154	116844	57.660	ng		100
53) 3-Nitroaniline	9.886	138	13823	28.386	ng		98
54) 2,4-Dinitrophenol	9.992	184	29996	120.198	ng	#	38
55) Dibenzofuran	10.145	168	156060	53.557	ng		97
56) 4-Nitrophenol	10.045	139	44811	115.667	ng		92
57) 2,4-Dinitrotoluene	10.122	165	37246	60.478	ng	#	99
58) Fluorene	10.486	166	125543	55.039	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34061	59.422	ng		97
60) Diethylphthalate	10.357	149	116845	52.588	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	60811	52.568	ng		99
62) 4-Nitroaniline	10.504	138	26607	57.689	ng		98
63) Azobenzene	10.639	77	106044	53.986	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	20602	67.408	ng		96
66) n-Nitrosodiphenylamine	10.598	169	104355	53.065	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	36546	50.485	ng		97
68) Hexachlorobenzene	11.033	284	39557	51.752	ng		97
69) Atrazine	11.122	200	32896	53.351	ng		98
70) Pentachlorophenol	11.227	266	52263	113.109	ng		99
71) Phenanthrene	11.451	178	178471	53.960	ng		99
72) Anthracene	11.504	178	182014	54.729	ng		100
73) Carbazole	11.657	167	162733	59.748	ng		100
74) Di-n-butylphthalate	11.986	149	181360	55.308	ng		99
75) Fluoranthene	12.639	202	172709	56.881	ng		99
77) Benzidine	12.757	184	10031	8.462	ng		97
78) Pyrene	12.869	202	176082	60.584	ng		99
80) Butylbenzylphthalate	13.486	149	61088	67.083	ng		99
81) Benzo(a)anthracene	14.057	228	127619	54.571	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	15018	20.874	ng		99
83) Chrysene	14.098	228	115649	53.995	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	72292	55.639	ng		99
85) Di-n-octyl phthalate	14.663	149	88590	38.048	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	110528	56.849	ng		97
88) Benzo(b)fluoranthene	15.115	252	91578	54.002	ng		99
89) Benzo(k)fluoranthene	15.145	252	91593	59.845	ng		98
90) Benzo(a)pyrene	15.486	252	84987	57.044	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	92391	57.276	ng		98
92) Benzo(g,h,i)perylene	17.509	276	90239	59.808	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143758.D
Acq On : 15 Sep 2025 18:28
Operator : RC/JU
Sample : Q3082-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-29MSD

Quant Time: Sep 15 18:49:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BF091025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143679.D	Benzoic acid	Rahul	9/10/2025 9:01:32 AM	Jagrut	9/10/2025 11:00:46 AM	Peak Integrated by Software
SSTDICCC040	BF143680.D	Benzoic acid	Rahul	9/10/2025 9:01:56 AM	Jagrut	9/10/2025 11:00:49 AM	Peak Integrated by Software
SSTDICCC040	BF143680.D	Phenol	Rahul	9/10/2025 9:01:56 AM	Jagrut	9/10/2025 11:00:49 AM	Peak Integrated by Software
SSTDICC050	BF143681.D	Phenol	Rahul	9/10/2025 9:02:01 AM	Jagrut	9/10/2025 11:00:52 AM	Peak Integrated by Software
SSTDICC060	BF143682.D	Phenol	Rahul	9/10/2025 9:02:03 AM	Jagrut	9/10/2025 11:00:54 AM	Peak Integrated by Software
SSTDICC080	BF143683.D	Benzoic acid	Rahul	9/10/2025 9:02:06 AM	Jagrut	9/10/2025 11:00:56 AM	Peak Integrated by Software
SSTDICC080	BF143683.D	Phenol	Rahul	9/10/2025 9:02:06 AM	Jagrut	9/10/2025 11:00:56 AM	Peak Integrated by Software
SSTDICV040	BF143684.D	Phenol	Rahul	9/10/2025 9:02:14 AM	Jagrut	9/10/2025 11:00:59 AM	Peak Integrated by Software
SSTDCCC040	BF143691.D	Phenol	Rahul	9/10/2025 9:02:21 AM	Jagrut	9/10/2025 11:01:03 AM	Peak Integrated by Software
SSTDCCC040	BF143693.D	Phenol	Rahul	9/10/2025 1:40:25 PM	Jagrut	9/11/2025 1:06:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF091525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3082-02MS	BF143757.D	Caprolactam	Rahul	9/16/2025 8:58:58 AM	Jagrut	9/16/2025 11:33:27 AM	Peak Integrated by Software
Q3082-02MSD	BF143758.D	Caprolactam	Rahul	9/16/2025 8:59:01 AM	Jagrut	9/16/2025 11:33:30 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF091625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143768.D	1,2-Dichlorobenzene	Rahul	9/17/2025 9:10:30 AM	Jagrut	9/17/2025 10:42:53 AM	Peak Integrated by Software
SSTDICC010	BF143769.D	Phenol	Rahul	9/17/2025 9:10:33 AM	Jagrut	9/17/2025 10:42:55 AM	Peak Integrated by Software
SSTDICC020	BF143770.D	Phenol	Rahul	9/17/2025 9:10:36 AM	Jagrut	9/17/2025 10:42:57 AM	Peak Integrated by Software
SSTDICCC040	BF143771.D	Phenol	Rahul	9/17/2025 9:10:38 AM	Jagrut	9/17/2025 10:42:59 AM	Peak Integrated by Software
SSTDICC050	BF143772.D	Benzo(k)fluoranthene	Rahul	9/17/2025 9:10:42 AM	Jagrut	9/17/2025 10:43:02 AM	Peak Integrated by Software
SSTDICC050	BF143772.D	Benzoic acid	Rahul	9/17/2025 9:10:42 AM	Jagrut	9/17/2025 10:43:02 AM	Peak Integrated by Software
SSTDICC050	BF143772.D	Phenol	Rahul	9/17/2025 9:10:42 AM	Jagrut	9/17/2025 10:43:02 AM	Peak Integrated by Software
SSTDICC060	BF143773.D	Benzoic acid	Rahul	9/17/2025 9:10:44 AM	Jagrut	9/17/2025 10:43:04 AM	Peak Integrated by Software
SSTDICC060	BF143773.D	Phenol	Rahul	9/17/2025 9:10:44 AM	Jagrut	9/17/2025 10:43:04 AM	Peak Integrated by Software
SSTDICC080	BF143774.D	Benzoic acid	Rahul	9/17/2025 9:10:47 AM	Jagrut	9/17/2025 10:43:07 AM	Peak Integrated by Software
SSTDICC080	BF143774.D	Phenol	Rahul	9/17/2025 9:10:47 AM	Jagrut	9/17/2025 10:43:07 AM	Peak Integrated by Software
SSTDICC080	BF143774.D	Pyrene	Rahul	9/17/2025 9:10:47 AM	Jagrut	9/17/2025 10:43:07 AM	Peak Integrated by Software
PB169696BS	BF143777.D	Caprolactam	Rahul	9/17/2025 9:10:50 AM	Jagrut	9/17/2025 10:43:10 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BF091625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169696BS	BF143777.D	Pyrene	Rahul	9/17/2025 9:10:50 AM	Jagrut	9/17/2025 10:43:10 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP091625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025756.D	Indeno(1,2,3-cd)pyrene	Rahul	9/17/2025 9:14:43 AM	Jagrut	9/17/2025 11:06:10 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM				
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM				
SubDirectory	BF091025	HP Acquire Method	BNA_F		HP Processing Method	bf091025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143675.D	09 Sep 2025 08:44	RC/JU	Ok
2	SSTDICC2.5	BF143676.D	09 Sep 2025 09:12	RC/JU	Ok
3	SSTDICC005	BF143677.D	09 Sep 2025 09:41	RC/JU	Ok
4	SSTDICC010	BF143678.D	09 Sep 2025 10:10	RC/JU	Ok
5	SSTDICC020	BF143679.D	09 Sep 2025 10:39	RC/JU	Ok,M
6	SSTDICCC040	BF143680.D	09 Sep 2025 11:08	RC/JU	Ok,M
7	SSTDICC050	BF143681.D	09 Sep 2025 11:37	RC/JU	Ok,M
8	SSTDICC060	BF143682.D	09 Sep 2025 12:07	RC/JU	Ok,M
9	SSTDICC080	BF143683.D	09 Sep 2025 13:54	RC/JU	Ok,M
10	SSTDICV040	BF143684.D	09 Sep 2025 15:03	RC/JU	Ok,M
11	PB169490BL	BF143685.D	09 Sep 2025 15:32	RC/JU	Ok
12	Q2893-02	BF143686.D	09 Sep 2025 16:01	RC/JU	Ok
13	Q2893-08	BF143687.D	09 Sep 2025 16:30	RC/JU	Ok
14	Q2893-01	BF143688.D	09 Sep 2025 16:59	RC/JU	Ok
15	Q2893-07	BF143689.D	09 Sep 2025 17:28	RC/JU	Ok,M
16	PB169499BL	BF143690.D	09 Sep 2025 17:58	RC/JU	Ok
17	SSTDCCC040	BF143691.D	09 Sep 2025 18:27	RC/JU	Ok,M
18	DFTPP	BF143692.D	10 Sep 2025 09:13	RC/JU	Ok
19	SSTDCCC040	BF143693.D	10 Sep 2025 09:41	RC/JU	Ok,M
20	PB169528BL	BF143694.D	10 Sep 2025 10:10	RC/JU	Ok
21	Q2893-03	BF143695.D	10 Sep 2025 10:49	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM				
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM				
SubDirectory	BF091025	HP Acquire Method	BNA_F		HP Processing Method	bf091025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2893-09	BF143696.D	10 Sep 2025 11:18	RC/JU	Ok,M
23	PB169526BL	BF143697.D	10 Sep 2025 11:49	RC/JU	Ok
24	SP6869	BF143698.D	10 Sep 2025 12:41	RC/JU	Ok
25	SSTDCCC040	BF143699.D	10 Sep 2025 13:47	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091525

Review By	Rahul	Review On	9/16/2025 8:59:16 AM				
Supervise By	Jagrut	Supervise On	9/16/2025 11:33:47 AM				
SubDirectory	BF091525	HP Acquire Method	BNA_F		HP Processing Method	bf091025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143747.D	15 Sep 2025 12:20	RC/JU	Ok
2	SSTDCCC040	BF143748.D	15 Sep 2025 12:49	RC/JU	Ok
3	PB169679BL	BF143749.D	15 Sep 2025 13:20	RC/JU	Ok
4	PB169679BS	BF143750.D	15 Sep 2025 13:49	RC/JU	Ok,M
5	PB169640TB	BF143751.D	15 Sep 2025 14:18	RC/JU	Ok
6	PB169696BL	BF143752.D	15 Sep 2025 15:22	RC/JU	Not Ok
7	PB169696BS	BF143753.D	15 Sep 2025 15:51	RC/JU	Not Ok
8	PB169677TB	BF143754.D	15 Sep 2025 16:20	RC/JU	Ok
9	Q3054-08	BF143755.D	15 Sep 2025 16:59	RC/JU	Ok
10	Q3082-02	BF143756.D	15 Sep 2025 17:29	RC/JU	Ok
11	Q3082-02MS	BF143757.D	15 Sep 2025 17:58	RC/JU	Ok,M
12	Q3082-02MSD	BF143758.D	15 Sep 2025 18:28	RC/JU	Ok,M
13	Q3082-04	BF143759.D	15 Sep 2025 18:57	RC/JU	Ok
14	Q3082-06	BF143760.D	15 Sep 2025 19:27	RC/JU	Ok
15	Q3082-08	BF143761.D	15 Sep 2025 19:56	RC/JU	Ok
16	Q3082-10	BF143762.D	15 Sep 2025 20:26	RC/JU	Ok
17	Q3092-02	BF143763.D	15 Sep 2025 20:55	RC/JU	Ok
18	Q3092-04	BF143764.D	15 Sep 2025 21:24	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091625

Review By	Rahul	Review On	9/17/2025 9:11:13 AM				
Supervise By	Jagrut	Supervise On	9/17/2025 10:43:20 AM				
SubDirectory	BF091625	HP Acquire Method	BNA_F		HP Processing Method	bf091625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143765.D	16 Sep 2025 10:25	RC/JU	Ok
2	SSTDCCC040	BF143766.D	16 Sep 2025 10:54	RC/JU	Not Ok
3	SSTDICC2.5	BF143767.D	16 Sep 2025 11:23	RC/JU	Ok
4	SSTDICC005	BF143768.D	16 Sep 2025 11:52	RC/JU	Ok,M
5	SSTDICC010	BF143769.D	16 Sep 2025 12:21	RC/JU	Ok,M
6	SSTDICC020	BF143770.D	16 Sep 2025 12:50	RC/JU	Ok,M
7	SSTDICCC040	BF143771.D	16 Sep 2025 13:19	RC/JU	Ok,M
8	SSTDICC050	BF143772.D	16 Sep 2025 13:48	RC/JU	Ok,M
9	SSTDICC060	BF143773.D	16 Sep 2025 14:17	RC/JU	Ok,M
10	SSTDICC080	BF143774.D	16 Sep 2025 14:45	RC/JU	Ok,M
11	SSTDICV040	BF143775.D	16 Sep 2025 16:23	RC/JU	Ok
12	PB169696BL	BF143776.D	16 Sep 2025 16:53	RC/JU	Ok
13	PB169696BS	BF143777.D	16 Sep 2025 17:22	RC/JU	Ok,M
14	PB169672BL	BF143778.D	16 Sep 2025 17:51	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091625

Review By	Rahul	Review On	9/17/2025 11:07:55 AM				
Supervise By	Jagrut	Supervise On	9/17/2025 11:08:04 AM				
SubDirectory	BP091625	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025755.D	16 Sep 2025 12:50	CG/JU	Ok
2	SSTDCCC040	BP025756.D	16 Sep 2025 13:31	CG/JU	Ok,M
3	PB169701BL	BP025757.D	16 Sep 2025 14:13	CG/JU	Ok
4	PB169701BS	BP025758.D	16 Sep 2025 14:54	CG/JU	Ok
5	Q3091-08	BP025759.D	16 Sep 2025 15:50	CG/JU	Ok
6	Q3091-08MS	BP025760.D	16 Sep 2025 16:31	CG/JU	Ok
7	Q3091-08MSD	BP025761.D	16 Sep 2025 17:12	CG/JU	Ok
8	Q3092-04	BP025762.D	16 Sep 2025 17:53	CG/JU	Ok
9	Q3091-01	BP025763.D	16 Sep 2025 18:34	CG/JU	Ok
10	Q3105-01	BP025764.D	16 Sep 2025 19:15	CG/JU	Ok
11	Q3104-01	BP025765.D	16 Sep 2025 19:56	CG/JU	Ok
12	Q3106-01	BP025766.D	16 Sep 2025 20:37	CG/JU	Ok,M
13	Q3106-03	BP025767.D	16 Sep 2025 21:18	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM		
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM		
SubDirectory	BF091025	HP Acquire Method	BNA_F	HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143675.D	09 Sep 2025 08:44		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143676.D	09 Sep 2025 09:12		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143677.D	09 Sep 2025 09:41		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143678.D	09 Sep 2025 10:10		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143679.D	09 Sep 2025 10:39		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143680.D	09 Sep 2025 11:08		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143681.D	09 Sep 2025 11:37		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143682.D	09 Sep 2025 12:07		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143683.D	09 Sep 2025 13:54		RC/JU	Ok,M
10	SSTDICV040	ICVBF091025	BF143684.D	09 Sep 2025 15:03		RC/JU	Ok,M
11	PB169490BL	PB169490BL	BF143685.D	09 Sep 2025 15:32		RC/JU	Ok
12	Q2893-02	LOQ-SOIL-02-QT3-202	BF143686.D	09 Sep 2025 16:01	LOQ-SOIL-10PPM (For Benzidine only)	RC/JU	Ok
13	Q2893-08	LOQ-WATER-02-QT3-2	BF143687.D	09 Sep 2025 16:30	LOQ-WATER-10PPM (For Benzidine only)	RC/JU	Ok
14	Q2893-01	LOD-MDL-SOIL-01-QT	BF143688.D	09 Sep 2025 16:59	LOD-MDL-SOIL-8PPM (For Benzidine only)	RC/JU	Ok
15	Q2893-07	LOD-MDL-WATER-01-(	BF143689.D	09 Sep 2025 17:28	LOD-MDL-WATER-8 PPM (For Benzidine only)	RC/JU	Ok,M
16	PB169499BL	PB169499BL	BF143690.D	09 Sep 2025 17:58		RC/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BF143691.D	09 Sep 2025 18:27		RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM		
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM		
SubDirectory	BF091025	HP Acquire Method	BNA_F	HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	DFTPP	DFTPP	BF143692.D	10 Sep 2025 09:13		RC/JU	Ok
19	SSTDCCC040	SSTDCCC040	BF143693.D	10 Sep 2025 09:41		RC/JU	Ok,M
20	PB169528BL	PB169528BL	BF143694.D	10 Sep 2025 10:10		RC/JU	Ok
21	Q2893-03	MDL-SOIL-03-QT3-202	BF143695.D	10 Sep 2025 10:49	MDL-SOIL 8PPM (For Benzidine only)	RC/JU	Ok,M
22	Q2893-09	MDL-WATER-03-QT3-2	BF143696.D	10 Sep 2025 11:18	MDL-WATER 8PPM (For Benzidine only)	RC/JU	Ok,M
23	PB169526BL	PB169526BL	BF143697.D	10 Sep 2025 11:49		RC/JU	Ok
24	SP6869	SP6869	BF143698.D	10 Sep 2025 12:41		RC/JU	Ok
25	SSTDCCC040	SSTDCCC040EC	BF143699.D	10 Sep 2025 13:47		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091525

Review By	Rahul	Review On	9/16/2025 8:59:16 AM		
Supervise By	Jagrut	Supervise On	9/16/2025 11:33:47 AM		
SubDirectory	BF091525	HP Acquire Method	BNA_F	HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143747.D	15 Sep 2025 12:20		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143748.D	15 Sep 2025 12:49		RC/JU	Ok
3	PB169679BL	PB169679BL	BF143749.D	15 Sep 2025 13:20		RC/JU	Ok
4	PB169679BS	PB169679BS	BF143750.D	15 Sep 2025 13:49		RC/JU	Ok,M
5	PB169640TB	PB169640TB	BF143751.D	15 Sep 2025 14:18		RC/JU	Ok
6	PB169696BL	PB169696BL	BF143752.D	15 Sep 2025 15:22	Surrogate Fail	RC/JU	Not Ok
7	PB169696BS	PB169696BS	BF143753.D	15 Sep 2025 15:51	Surrogate Fail & Recovery fail high for many compound	RC/JU	Not Ok
8	PB169677TB	PB169677TB	BF143754.D	15 Sep 2025 16:20		RC/JU	Ok
9	Q3054-08	MH-384	BF143755.D	15 Sep 2025 16:59		RC/JU	Ok
10	Q3082-02	WC-29	BF143756.D	15 Sep 2025 17:29		RC/JU	Ok
11	Q3082-02MS	WC-29MS	BF143757.D	15 Sep 2025 17:58		RC/JU	Ok,M
12	Q3082-02MSD	WC-29MSD	BF143758.D	15 Sep 2025 18:28		RC/JU	Ok,M
13	Q3082-04	WC-30	BF143759.D	15 Sep 2025 18:57		RC/JU	Ok
14	Q3082-06	WC-31	BF143760.D	15 Sep 2025 19:27		RC/JU	Ok
15	Q3082-08	WC-32	BF143761.D	15 Sep 2025 19:56		RC/JU	Ok
16	Q3082-10	WC-33	BF143762.D	15 Sep 2025 20:26		RC/JU	Ok
17	Q3092-02	291376	BF143763.D	15 Sep 2025 20:55		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091525

Review By	Rahul	Review On	9/16/2025 8:59:16 AM		
Supervise By	Jagrut	Supervise On	9/16/2025 11:33:47 AM		
SubDirectory	BF091525	HP Acquire Method	BNA_F	HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3092-04	279182	BF143764.D	15 Sep 2025 21:24	Internal Standard Fail	RC/JU	ReRun

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF091625

Review By	Rahul	Review On	9/17/2025 9:11:13 AM		
Supervise By	Jagrut	Supervise On	9/17/2025 10:43:20 AM		
SubDirectory	BF091625	HP Acquire Method	BNA_F	HP Processing Method	bf091625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143765.D	16 Sep 2025 10:25		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143766.D	16 Sep 2025 10:54	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143767.D	16 Sep 2025 11:23		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143768.D	16 Sep 2025 11:52		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143769.D	16 Sep 2025 12:21		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143770.D	16 Sep 2025 12:50		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143771.D	16 Sep 2025 13:19	Compound #32,54 kept on QR and compound #65 kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143772.D	16 Sep 2025 13:48		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143773.D	16 Sep 2025 14:17		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143774.D	16 Sep 2025 14:45	Compound #77 removed from 80PPM	RC/JU	Ok,M
11	SSTDICV040	ICVBF091625	BF143775.D	16 Sep 2025 16:23		RC/JU	Ok
12	PB169696BL	PB169696BL	BF143776.D	16 Sep 2025 16:53		RC/JU	Ok
13	PB169696BS	PB169696BS	BF143777.D	16 Sep 2025 17:22		RC/JU	Ok,M
14	PB169672BL	PB169672BL	BF143778.D	16 Sep 2025 17:51		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-(	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091625

Review By	Rahul	Review On	9/17/2025 11:07:55 AM		
Supervise By	Jagrut	Supervise On	9/17/2025 11:08:04 AM		
SubDirectory	BP091625	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025755.D	16 Sep 2025 12:50		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025756.D	16 Sep 2025 13:31		CG/JU	Ok,M
3	PB169701BL	PB169701BL	BP025757.D	16 Sep 2025 14:13		CG/JU	Ok
4	PB169701BS	PB169701BS	BP025758.D	16 Sep 2025 14:54		CG/JU	Ok
5	Q3091-08	12/9B-COMP	BP025759.D	16 Sep 2025 15:50		CG/JU	Ok
6	Q3091-08MS	12/9B-COMPMS	BP025760.D	16 Sep 2025 16:31		CG/JU	Ok
7	Q3091-08MSD	12/9B-COMPMSD	BP025761.D	16 Sep 2025 17:12		CG/JU	Ok
8	Q3092-04	279182	BP025762.D	16 Sep 2025 17:53		CG/JU	Ok
9	Q3091-01	12/9C-COMP	BP025763.D	16 Sep 2025 18:34		CG/JU	Ok
10	Q3105-01	FREEZE-PIT-SAMPLES	BP025764.D	16 Sep 2025 19:15		CG/JU	Ok
11	Q3104-01	SU-04-091525	BP025765.D	16 Sep 2025 19:56		CG/JU	Ok
12	Q3106-01	NB-07-09152025	BP025766.D	16 Sep 2025 20:37		CG/JU	Ok,M
13	Q3106-03	NB-08-09152025	BP025767.D	16 Sep 2025 21:18		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169677

SOP ID : M1311-TCLP-16

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 / T-2

TCLP Filter ID : 40819719

Start Prep Date : 09/12/2025 **Time :** 17:00

End Prep Date : 09/13/2025 **Time :** 10:40

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ TB

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : TB

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	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Q3092-04 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/15/25 10:00	TB Lab Room	SHS. RJ/EXT
	Preparation Group	Analysis Group Inorg.

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TCLP EXTRACTION LOGPAGE

PB169677

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
PB169677TB	LEB677	11	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3082-02	WC-29	01	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q3082-04	WC-30	02	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3082-06	WC-31	03	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3082-08	WC-32	04	100.04	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3082-10	WC-33	05	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q3085-01	PAULDING-WC1	06	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
Q3091-07	12/9C-COMP	07	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3091-14	12/9B-COMP	08	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3092-02	291376	09	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3092-04	279182	10	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169677TB	LEB677	N/A	N/A	N/A	N/A	N/A	N/A
Q3082-02	WC-29	N/A	N/A	N/A	N/A	100	N/A
Q3082-04	WC-30	N/A	N/A	N/A	N/A	100	N/A
Q3082-06	WC-31	N/A	N/A	N/A	N/A	100	N/A
Q3082-08	WC-32	N/A	N/A	N/A	N/A	100	N/A
Q3082-10	WC-33	N/A	N/A	N/A	N/A	100	N/A
Q3085-01	PAULDING-WC1	N/A	N/A	N/A	N/A	100	N/A
Q3091-07	12/9C-COMP	N/A	N/A	N/A	N/A	100	N/A
Q3091-14	12/9B-COMP	N/A	N/A	N/A	N/A	100	N/A
Q3092-02	291376	N/A	N/A	N/A	N/A	100	N/A
Q3092-04	279182	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB169677

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
PB169677TB	LEB677	N/A	N/A	N/A	N/A	#1	4.94
Q3082-02	WC-29	5.02	96.5	7.0	2.5	#1	4.94
Q3082-04	WC-30	5.03	96.5	7.2	2.0	#1	4.94
Q3082-06	WC-31	5.03	96.5	7.2	2.5	#1	4.94
Q3082-08	WC-32	5.02	96.5	8.6	3.5	#1	4.94
Q3082-10	WC-33	5.01	96.5	8.4	3.0	#1	4.94
Q3085-01	PAULDING-WC1	5.02	96.5	9.1	3.5	#1	4.94
Q3091-07	12/9C-COMP	5.03	96.5	5.6	1.5	#1	4.94
Q3091-14	12/9B-COMP	5.02	96.5	5.8	1.5	#1	4.94
Q3092-02	291376	5.01	96.5	6.6	2.0	#1	4.94
Q3092-04	279182	5.02	96.5	7.0	2.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q3081 **WorkList ID :** 191840 **Department :** TCLP Extraction **Date :** 09-12-2025 09:16:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3082-02	WC-29	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/11/2025	1311
Q3082-04	WC-30	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/11/2025	1311
Q3082-06	WC-31	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/11/2025	1311
Q3082-08	WC-32	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/11/2025	1311
Q3082-10	WC-33	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/11/2025	1311
Q3085-01	PAULDING-WC1	Solid	TCLP Extraction	Cool 4 deg C	CORE02	D31	08/29/2025	1311
Q3091-07	12/9C-COMP	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/12/2025	1311
Q3091-14	12/9B-COMP	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/12/2025	1311
Q3092-02	291376	Solid	TCLP Extraction	Cool 4 deg C	ATLA10	D41	09/12/2025	1311
Q3092-04	279182	Solid	TCLP Extraction	Cool 4 deg C	ATLA10	D41	09/12/2025	1311

Date/Time 09-12-25 1420
Raw Sample Received by: JR (WC)
Raw Sample Relinquished by: SM

Date/Time 09-12-25 1710
Raw Sample Received by: SM
Raw Sample Relinquished by: JR (WC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169696

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 09/15/2025

Extraction Start Time : 10:10

Extraction End Date : 09/15/2025

Extraction End Time : 15:15

Concentration By: EH

Supervisor By : ritesh

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 PPB	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3973
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

PH Adjusted TO <2 with 1:1 H2SO4 & >12with 10N NAOH 1.5ML Vial Lot #2210443.

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
9/15/25	RJ (EXT-LAB)	RC/SVOC
15:20	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169696

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

Concentration Date: 09/15/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169677TB	PB169677TB	TCLP BNA	100	6	ritesh	Evelyn	1			SEP-1
PB169696BL	PB169696BL	TCLP BNA	1000	6	ritesh	Evelyn	1			2
PB169696BS	PB169696BS	TCLP BNA	1000	6	ritesh	Evelyn	1			3
Q3082-02	WC-29	TCLP BNA	100	6	ritesh	Evelyn	1	A		4
Q3082-02MS	WC-29MS	TCLP BNA	100	6	ritesh	Evelyn	1	A		5
Q3082-02MSD	WC-29MSD	TCLP BNA	100	6	ritesh	Evelyn	1	A		6
Q3082-04	WC-30	TCLP BNA	100	6	ritesh	Evelyn	1	A		7
Q3082-06	WC-31	TCLP BNA	100	6	ritesh	Evelyn	1	A		8
Q3082-08	WC-32	TCLP BNA	100	6	ritesh	Evelyn	1	A		9
Q3082-10	WC-33	TCLP BNA	100	6	ritesh	Evelyn	1	A		10
Q3092-02	291376	TCLP BNA	100	6	ritesh	Evelyn	1	A		11
Q3092-04	279182	TCLP BNA	100	6	ritesh	Evelyn	1	A		12

RJ
9/15

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

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TCLP EXTRACTION LOGPAGE

PB169677

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
PB169677TB	LEB677	11	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3082-02	WC-29	01	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q3082-04	WC-30	02	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3082-06	WC-31	03	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3082-08	WC-32	04	100.04	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q3082-10	WC-33	05	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q3085-01	PAULDING-WC1	06	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
Q3091-07	12/9C-COMP	07	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3091-14	12/9B-COMP	08	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3092-02	291376	09	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3092-04	279182	10	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1

09/15/25

10:00

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3092
COC Number 2047872

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: PGW / ATLantic
ADDRESS: 3100 E. Venango
CITY Philadelphia STATE: PA ZIP:
ATTENTION: Kenny Pyle
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Atlantic Recovery Services
PROJECT NO.: LOCATION:
PROJECT MANAGER: Kenny Pyle
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): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

1 TCLP VOA
2 TCLP ZHE Extrac
3 TCLP BNA
4 TCLP Herbicide
5 TCLP ICP Metals
6 TCLP Mercury
7 TCLP Pesticide
8
9

ALLIANCE 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.	291376	Soil		X	9.12.25	1111	2	X									0.2 ppm
2.	291376		X			1122	4		X	X	X	X	X	X			
3.	279182			X		1131	2	X									0.0 ppm
4.	279182		X			1143	4		X	X	X	X	X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: E E E E E E E

← 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:
1. JT	1200 9.12.25	1.
2.		2.
3. JT	1340 9.12.25	3.

Conditions of bottles or coolers at receipt: ☑ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Atlantic Recovery Services
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site: PGW Venango Plant
Site Address: 3100 E. Venango Philadelphia P.A.

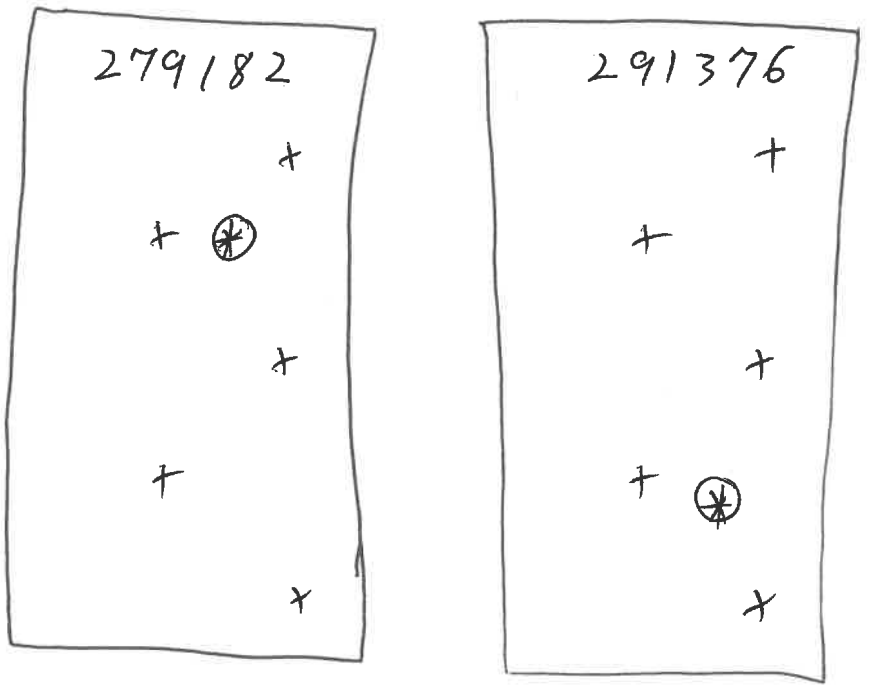
Chemtech Order ID:
Sampler Name: IT
Client Project Coordinator & Phone: Kenny Pyle/Daniel DiBono
Page #: 1 of 1
Date: 9.12.25
Arrive Time: 1100
Depart Time: 1200

Waste Stream (circle one): drum / (oil-off) / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: NA
Dimensions/CY: NA
Temp (range): °C PID Readings (range): 0.0-0.2 PPM Odor (Y) / N Color: Y (N)
Sample Description: wet well silt
Field Observations: 2 Roll-offs

Grid/Area Composite Map:

QA Control # A3041134



PGW Venango Location

Sampler Signature: IT
Client Signature:
Supervisor Review/Date:
Date/Time Arrived at Lab:

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312