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

Order ID : Q1890

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number	Client Sample Number
Q1890-01	TW-WTS-07

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: 5/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1890**

	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:** **05/02/2025**

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LAB CHRONICLE

OrderID:	Q1890	**OrderDate:**	4/25/2025 11:37:00 AM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1890-01	**TW-WTS-07**	**Water**			**04/24/25**			**04/25/25**
			SVOCMS Group4	8270E		04/30/25	05/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1890

Client: ENTACT

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.: Q1890

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167798BL	PB167798BL	2-Fluorophenol	150	113	76		15 (10)	110 (139)
		Phenol-d6	150	113	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.3	80		30 (49)	130 (133)
		2-Fluorobiphenyl	100	70.4	70		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	118	79		15 (44)	110 (137)
		Terphenyl-d14	100	64.3	64		30 (48)	130 (125)
PB167798BS	PB167798BS	2-Fluorophenol	150	111	74		15 (10)	110 (139)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.7	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	69.2	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	131	87		15 (44)	110 (137)
		Terphenyl-d14	100	73.5	74		30 (48)	130 (125)
PB167798BSD	PB167798BSD	2-Fluorophenol	150	108	72		15 (10)	110 (139)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.3	80		30 (49)	130 (133)
		2-Fluorobiphenyl	100	68.2	68		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	73.8	74		30 (48)	130 (125)
Q1890-01	TW-WTS-07	2-Fluorophenol	150	56.7	38		15 (10)	110 (139)
		Phenol-d6	150	34.8	23		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.8	82		30 (49)	130 (133)
		2-Fluorobiphenyl	100	73.5	74		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	116	77		15 (44)	110 (137)
		Terphenyl-d14	100	53.6	54		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1890

Client: ENTACT

Analytical Method: 8270E **DataFile:** BF142252.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167798BS	Phenol	50	41.2	ug/L	82				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	40.4	ug/L	81				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	41.0	ug/L	82				70 (41)	130 (115)	
	Naphthalene	50	40.4	ug/L	81				70 (64)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1890

Client: ENTACT

Analytical Method: 8270E **DataFile:** BF142253.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167798BSD	Phenol	50	40.3	ug/L	81	2			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	39.2	ug/L	78	3			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	40.6	ug/L	81	1			70 (41)	130 (115)	20 (20)
	Naphthalene	50	39.8	ug/L	80	1			70 (64)	130 (107)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167798BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1890 SAS No.: Q1890 SDG NO.: Q1890

Lab File ID: BF142251.D Lab Sample ID: PB167798BL

Instrument ID: BNA_F Date Extracted: 04/30/2025

Matrix: (soil/water) Water Date Analyzed: 05/01/2025

Level: (low/med) LOW Time Analyzed: 10:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167798BS	PB167798BS	BF142252.D	05/01/2025
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025
TW-WTS-07	Q1890-01	BF142257.D	05/01/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1890 SDG NO.: Q1890

Lab File ID: BF142238.D DFTPP Injection Date: 04/30/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1890 SDG NO.: Q1890

Lab File ID: BF142249.D DFTPP Injection Date: 05/01/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
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	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142250.D	05/01/2025	10:17
PB167798BL	PB167798BL	BF142251.D	05/01/2025	10:45
PB167798BS	PB167798BS	BF142252.D	05/01/2025	11:13
PB167798BSD	PB167798BSD	BF142253.D	05/01/2025	11:42
TW-WTS-07	Q1890-01	BF142257.D	05/01/2025	13:40

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1890 SAS No.: Q1890 SDG NO.: Q1890

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	186578	6.91	719586	8.19	381198	9.95
	UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
	LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
	EPA SAMPLE NO.						
01	PB167798BL	227901	6.90	877397	8.19	467254	9.95
02	PB167798BS	225762	6.91	889454	8.19	464234	9.95
03	PB167798BSD	228844	6.91	895505	8.19	472033	9.95
04	TW-WTS-07	170973	6.90	625395	8.19	293822	9.94

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1890 SAS No.: Q1890 SDG NO.: Q1890

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	647816	11.433	384442	14.074	349272	15.562
	UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
	LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
	EPA SAMPLE NO.						
01	PB167798BL	826787	11.43	587490	14.07	406867	15.56
02	PB167798BS	800889	11.43	447227	14.07	448663	15.56
03	PB167798BSD	796412	11.43	445019	14.07	441873	15.56
04	TW-WTS-07	447576	11.43	427168	14.06	440225	15.56

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: **BF142257.D**

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Report of Analysis

Client:	ENTACT	Date Collected:	04/24/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	04/25/25
Client Sample ID:	TW-WTS-07	SDG No.:	Q1890
Lab Sample ID:	Q1890-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142257.D	1	04/30/25 08:35	05/01/25 13:40	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
106-46-7	1,4-Dichlorobenzene	0.55	U	0.55	5.20	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.56	U	0.56	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.7		15 (10) - 110 (139)	38%	SPK: 150
13127-88-3	Phenol-d6	34.8		15 (10) - 110 (134)	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.8		30 (49) - 130 (133)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.5		30 (52) - 130 (132)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		15 (44) - 110 (137)	77%	SPK: 150
1718-51-0	Terphenyl-d14	53.6		30 (48) - 130 (125)	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	171000	6.904			
1146-65-2	Naphthalene-d8	625000	8.187			
15067-26-2	Acenaphthene-d10	294000	9.939			
1517-22-2	Phenanthrene-d10	448000	11.428			
1719-03-5	Chrysene-d12	427000	14.063			
1520-96-3	Perylene-d12	440000	15.557			

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\BF050125\
Data File : BF142257.D
Acq On : 01 May 2025 13:40
Operator : RC/JU
Sample : Q1890-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Quant Time: May 01 14:05:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

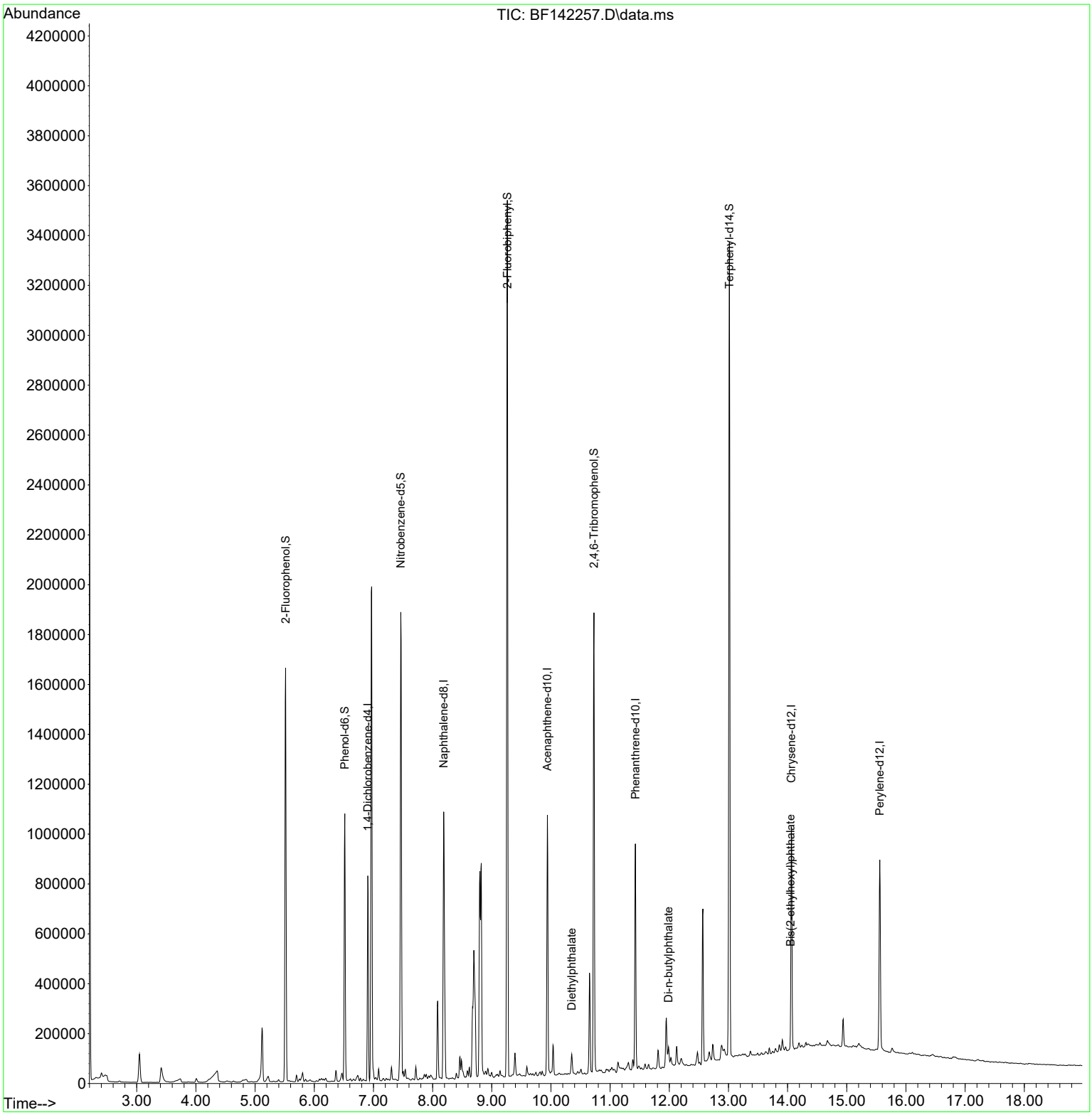
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	170973	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	625395	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	293822	20.000	ng		-0.01
64) Phenanthrene-d10	11.428	188	447576	20.000	ng		0.00
76) Chrysene-d12	14.063	240	427168	20.000	ng		-0.01
86) Perylene-d12	15.557	264	440225	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	606766	56.678	ng		0.00
7) Phenol-d6	6.516	99	450416	34.841	ng		-0.01
23) Nitrobenzene-d5	7.463	82	778309	81.761	ng		-0.01
42) 2,4,6-Tribromophenol	10.728	330	309916	115.701	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1532141	73.523	ng		0.00
79) Terphenyl-d14	13.016	244	1574266	53.600	ng		0.00
Target Compounds							Qvalue
60) Diethylphthalate	10.351	149	43291	2.332	ng		99
74) Di-n-butylphthalate	11.986	149	45978	2.027	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	7439	3.917	ng	#	89

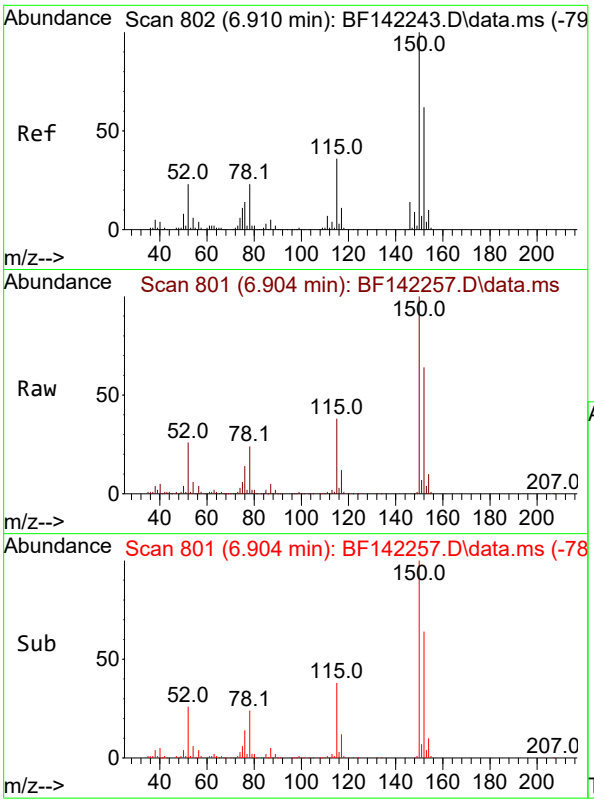
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142257.D
Acq On : 01 May 2025 13:40
Operator : RC/JU
Sample : Q1890-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Quant Time: May 01 14:05:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



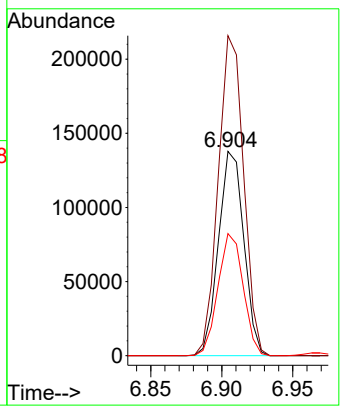


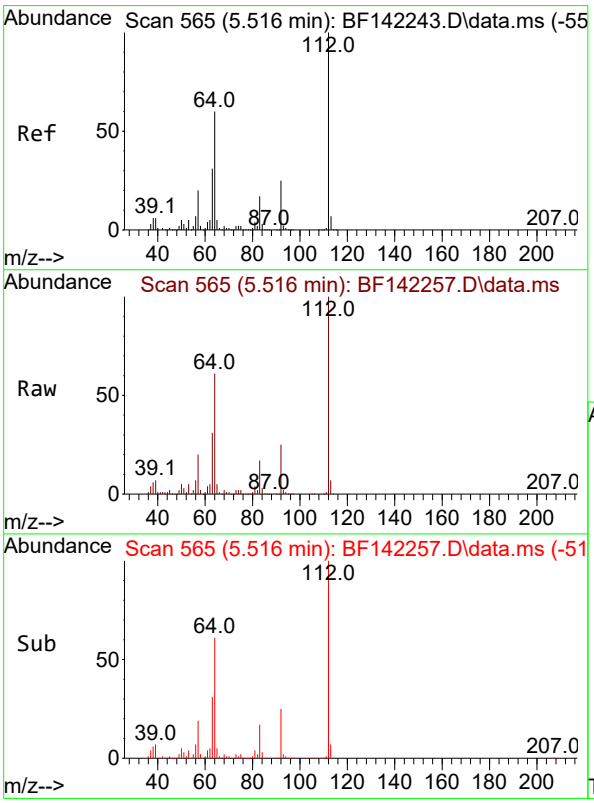
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:152 Resp: 170973

Ion	Ratio	Lower	Upper
152	100		
150	156.7	130.2	195.2
115	59.7	47.0	70.4

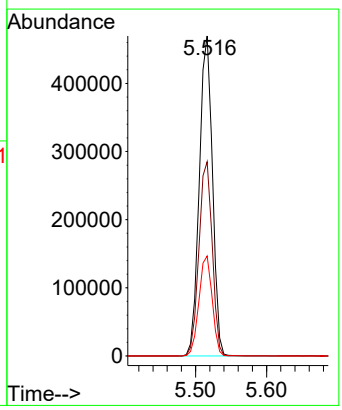


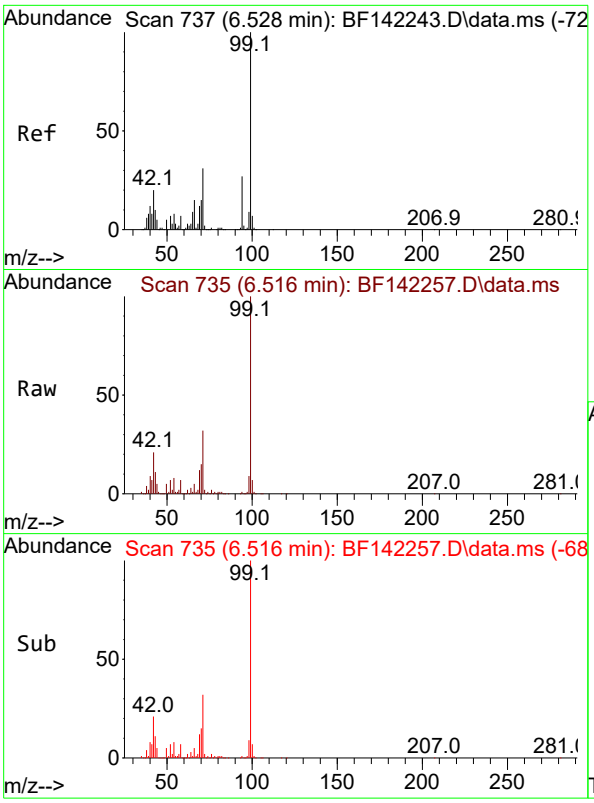


#5
2-Fluorophenol
Concen: 56.678 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:112 Resp: 606766

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.4	72.6
63	31.3	24.8	37.2



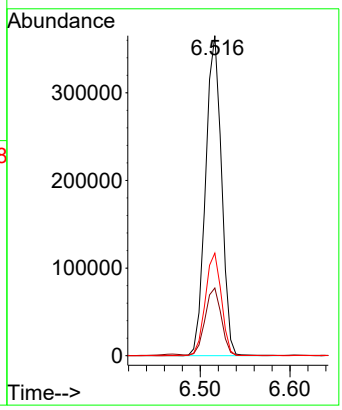


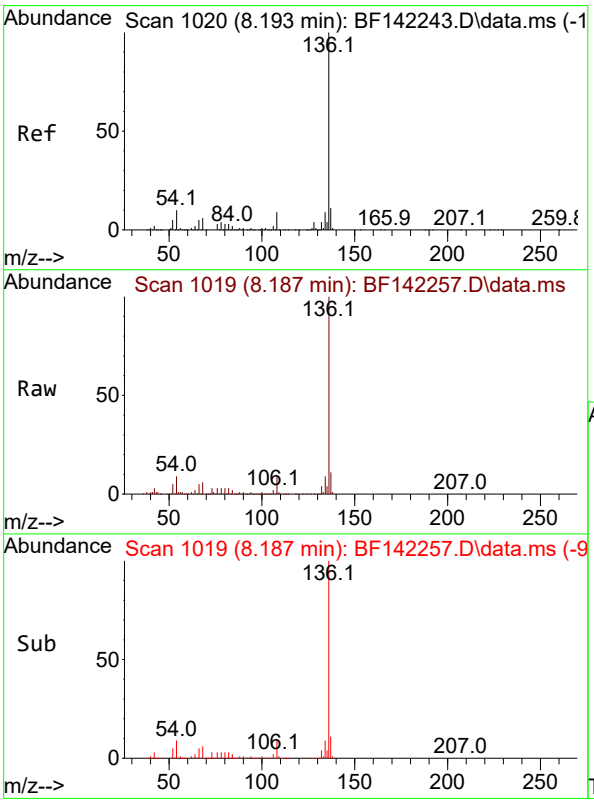
#7
Phenol-d6
Concen: 34.841 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion: 99 Resp: 450416

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.3	24.5
71	32.0	25.0	37.4

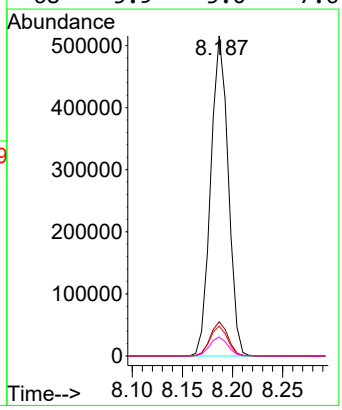


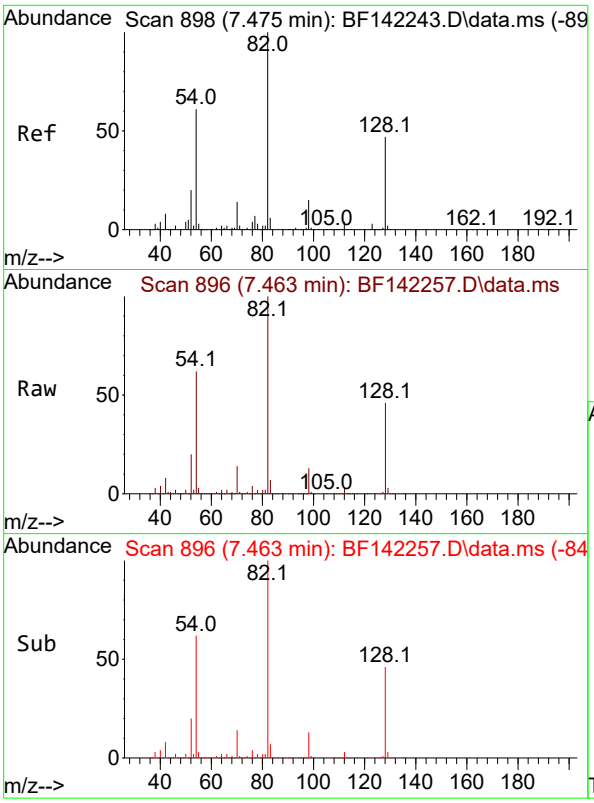


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:136 Resp: 625395

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.3	7.7	11.5
68	5.9	5.0	7.6



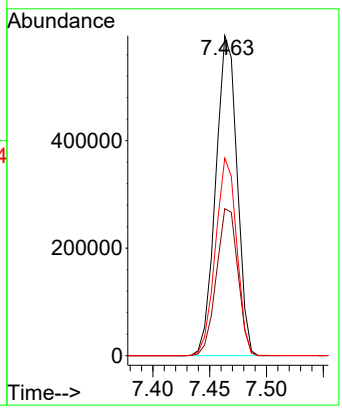


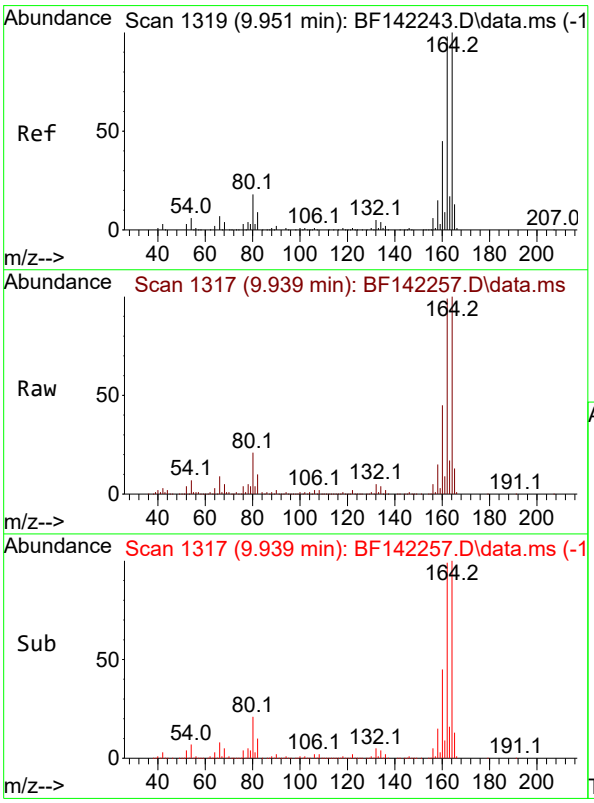
#23
Nitrobenzene-d5
Concen: 81.761 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion: 82 Resp: 778309

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.0	55.6
54	61.8	48.0	72.0

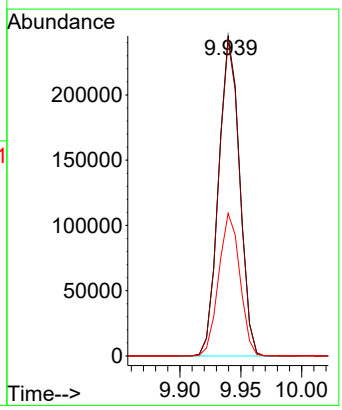


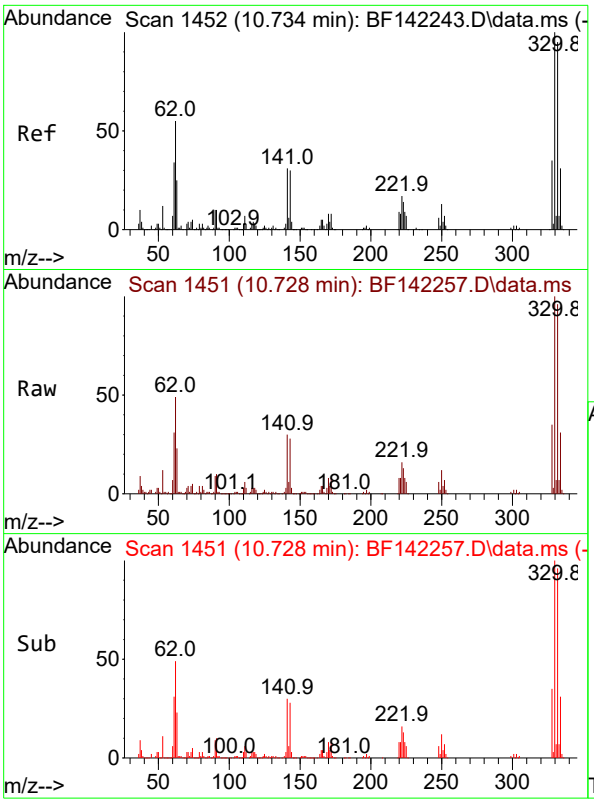


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:164 Resp: 293822

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	117.8
160	44.6	35.7	53.5



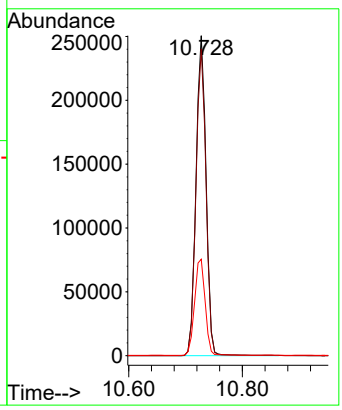


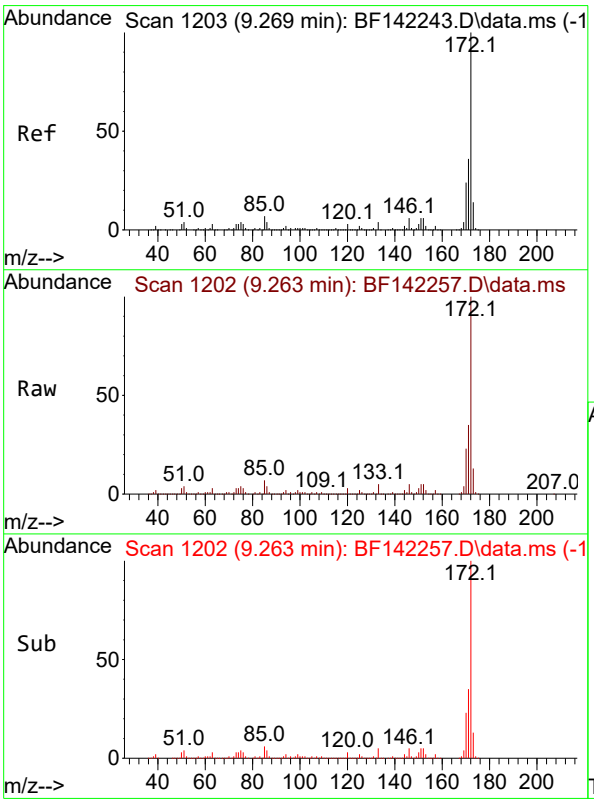
#42
2,4,6-Tribromophenol
Concen: 115.701 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:330 Resp: 309916

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	31.7	24.3	36.5

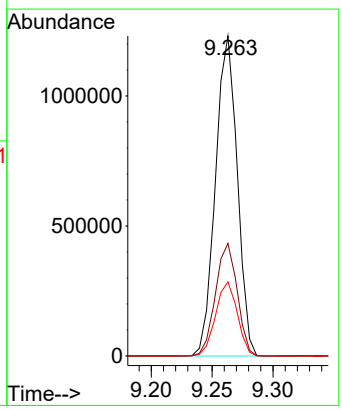


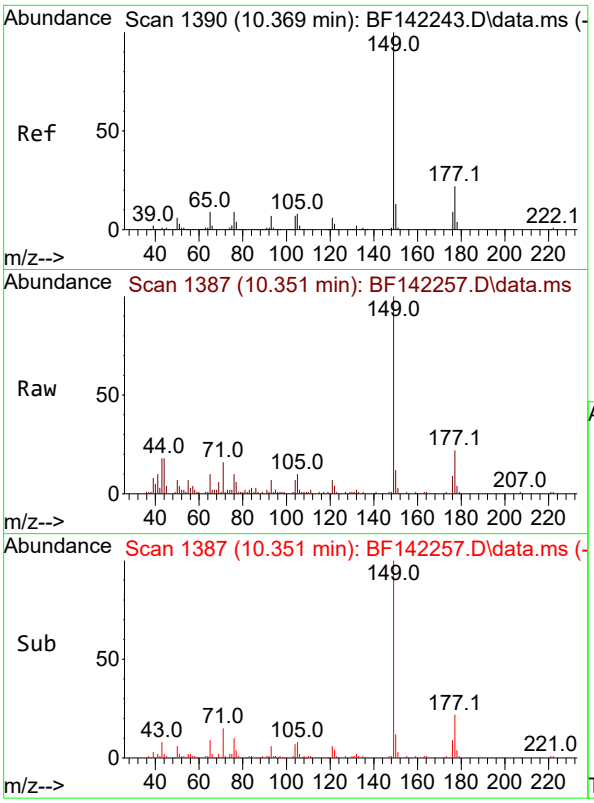


#45
2-Fluorobiphenyl
Concen: 73.523 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:172 Resp: 1532141

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.2	19.4	29.0



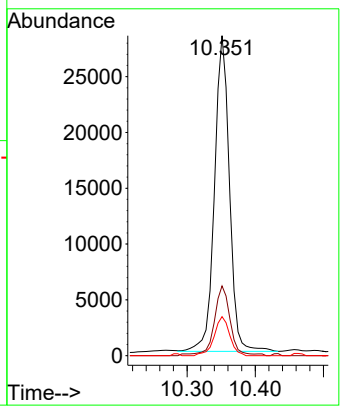


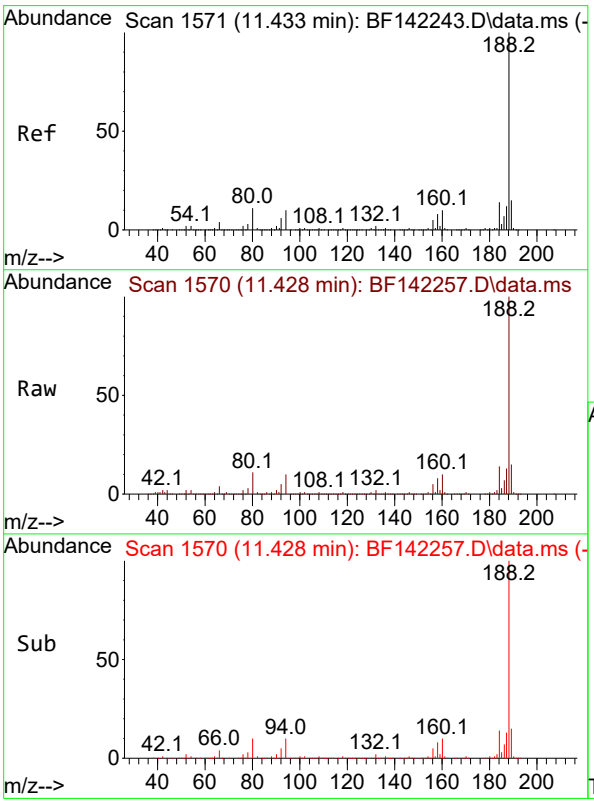
#60
Diethylphthalate
Concen: 2.332 ng
RT: 10.351 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:149 Resp: 43291

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	12.2	10.2	15.2

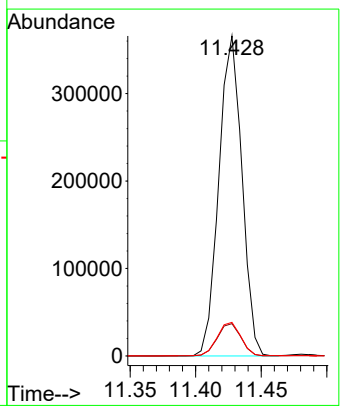


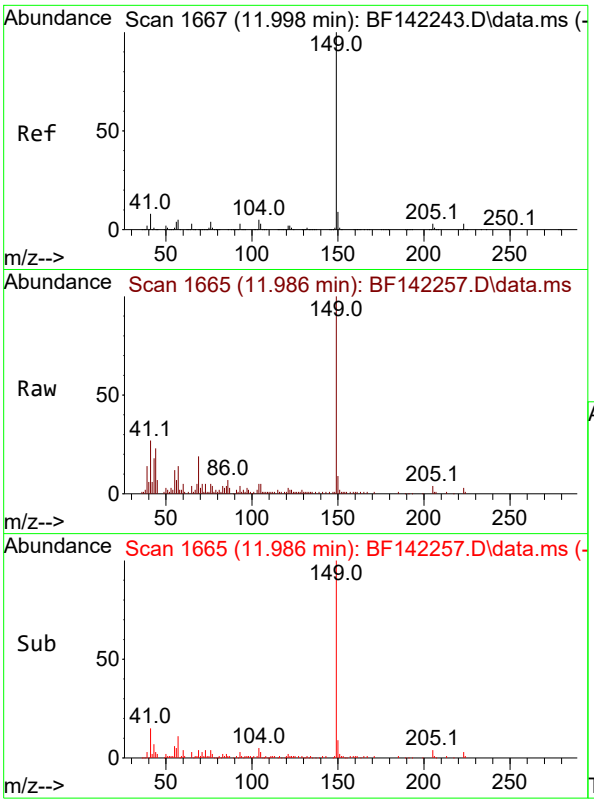


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:188 Resp: 447576

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.5	8.6	12.8



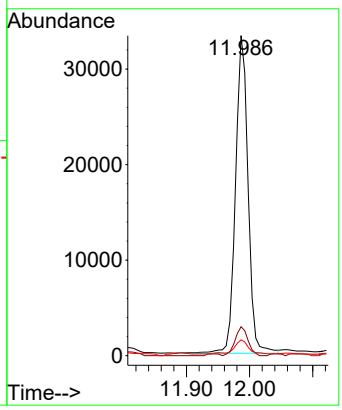


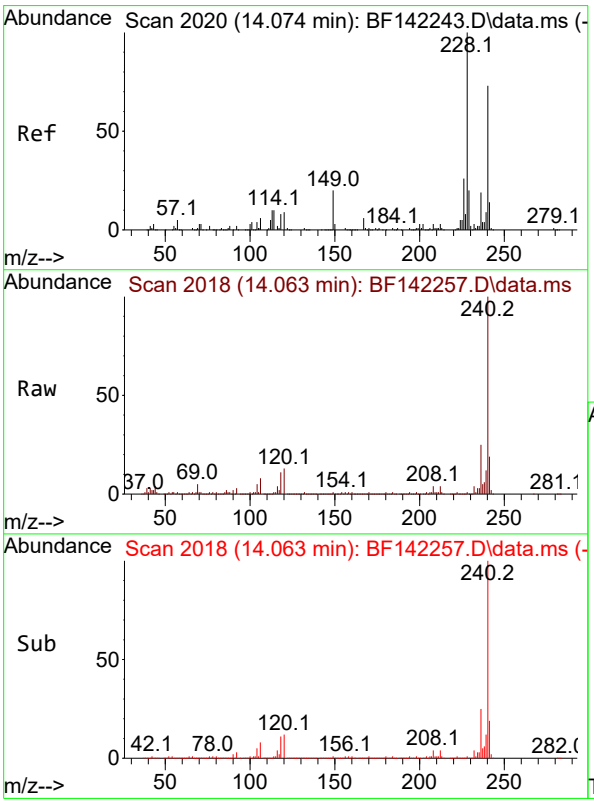
#74
Di-n-butylphthalate
Concen: 2.027 ng
RT: 11.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:149 Resp: 45978

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	3.6	5.4

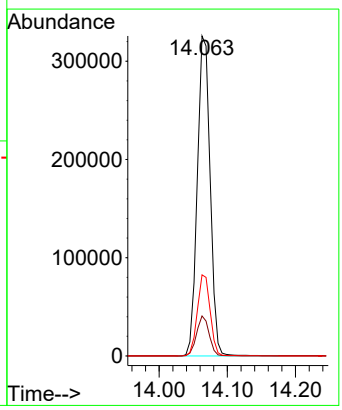


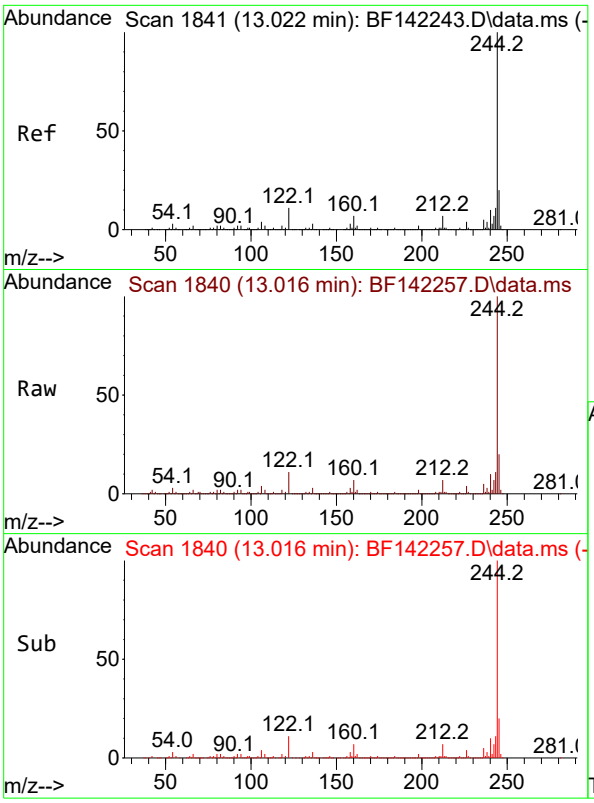


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:240 Resp: 427168

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	25.4	20.5	30.7



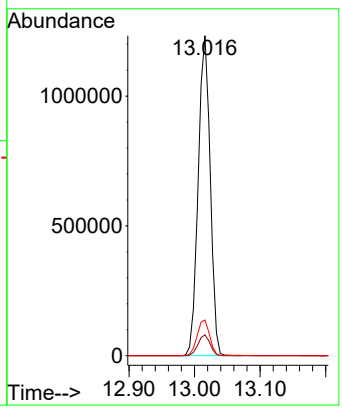


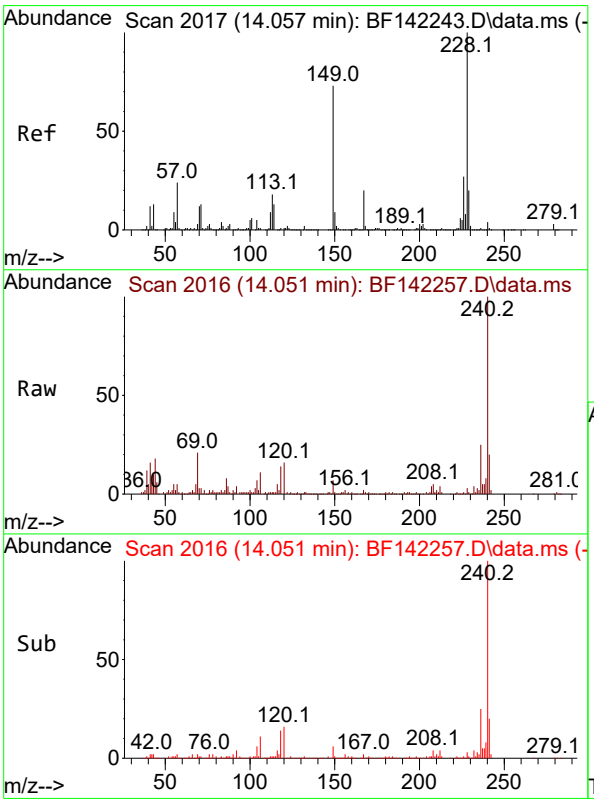
#79
Terphenyl-d14
Concen: 53.600 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:244 Resp: 1574266

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	11.2	9.1	13.7

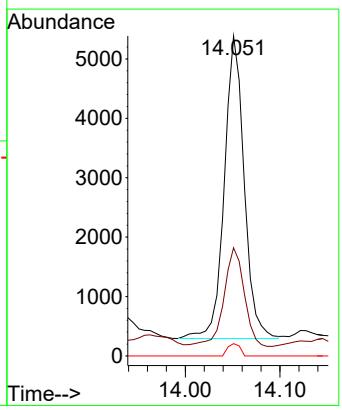


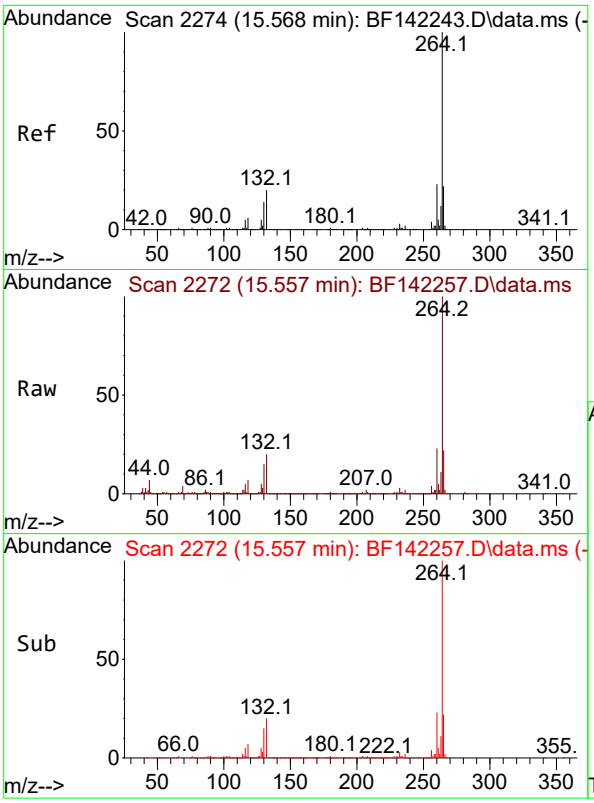


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.917 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:149 Resp: 7439

Ion	Ratio	Lower	Upper
149	100		
167	33.8	21.7	32.5#
279	3.8	3.0	4.4



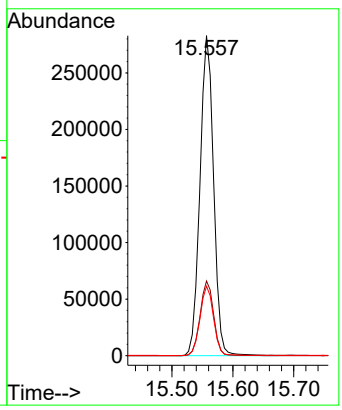


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:264 Resp: 440225

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.7	17.3	25.9



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1890 SAS No.: Q1890 SDG No.: Q1890

Instrument ID: BNA_F Calibration Date(s): 04/30/2025 04/30/2025

Calibration Time(s): 11:24 14:43

LAB FILE ID: RRF2.5 = BF142239.D RRF005 = BF142240.D RRF010 = BF142241.D
RRF020 = BF142242.D RRF040 = BF142243.D RRF050 = BF142244.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.252	5.3
Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.512	4.9
Phenol		1.679	1.588	1.657	1.715	1.687	1.628	5.2
1,4-Dichlorobenzene		1.610	1.486	1.495	1.546	1.488	1.475	6.9
Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.304	16.9
1,2,4-Trichlorobenzene		0.320	0.303	0.305	0.312	0.304	0.301	5.3
Naphthalene		1.106	1.040	1.035	1.020	0.999	0.997	8.2
2-Fluorobiphenyl		1.738	1.580	1.520	1.409	1.347	1.418	15.1
2,4,6-Tribromophenol		0.139	0.158	0.184	0.204	0.205	0.182	13.7
Terphenyl-d14		1.472	1.413	1.422	1.481	1.392	1.375	8.4

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF1422
46.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559	4.03
3)		Pyridine		1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454	3.62
4)		n-Nitrosodimet...		0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752	4.95
5)	S	2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252	5.35
6)		Aniline		2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140	4.29
7)	S	Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512	4.85
8)		2-Chlorophenol		1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294	4.64
9)		Benzaldehyde		1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057	8.91
10)	C	Phenol		1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628	5.15
11)		bis(2-Chloroet...		1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262	5.46
12)		1,3-Dichlorobe...		1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464	6.18
13)	C	1,4-Dichlorobe...		1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475	6.86
14)		1,2-Dichlorobe...		1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408	5.67
15)		Benzyl Alcohol		1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073	4.69
16)		2,2'-oxybis(1-...		2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278	5.19
17)		2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060	4.19
18)		Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483	4.84
19)	P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)		3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326	5.90
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463	7.70
23)	S	Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304	16.88
24)		Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299	13.31
25)		Isophorone		0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639	3.36
26)	C	2-Nitrophenol		0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102	38.38#
27)		2,4-Dimethylph...		0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322	3.96
28)		bis(2-Chloroet...		0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403	4.98
29)	C	2,4-Dichloroph...		0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269	6.12
30)		1,2,4-Trichlor...		0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301	5.28
31)		Naphthalene		1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997	8.21
32)		Benzoic acid			0.048	0.087	0.130	0.146	0.159	0.179	0.125	39.24
33)		4-Chloroaniline		0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415	5.98
34)	C	Hexachlorobuta...		0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175	4.35
35)		Caprolactam		0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081	9.45
36)	C	4-Chloro-3-met...		0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277	4.84
37)		2-Methylnaphth...		0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613	7.69
38)		1-Methylnaphth...		0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635	8.29

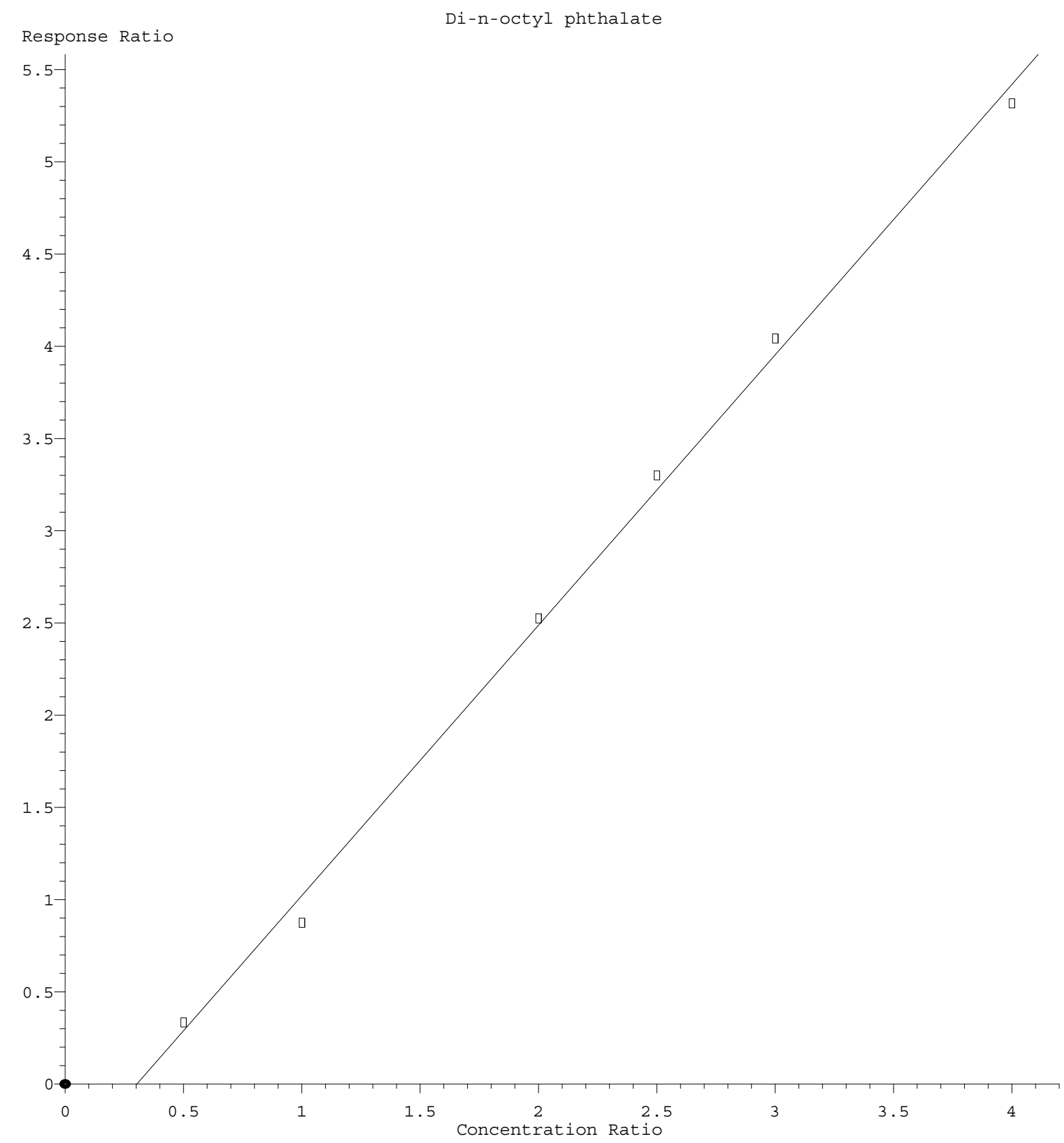
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88
41)	P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23
42)	S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73
43)	C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50
44)		2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17
45)	S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11
46)		1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38
47)		2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51
48)		2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25
49)		Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93
50)		Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42
51)		2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45
52)	C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63
53)		3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09
54)	P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36
55)		Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67
56)	P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82
57)		2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96
58)		Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74
59)		2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65
60)		Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61
61)		4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06
62)		4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57
63)		Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23
66)	c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11
67)		4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39
68)		Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28
69)		Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29
70)	C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25
71)		Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45
72)		Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77
73)		Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77
74)		Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88
75)	C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67
78)		Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54
79)	S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41
80)		Butylbenzylpht...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32
81)		Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06
82)		3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37
83)		Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12
84)		Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69
85)	c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55

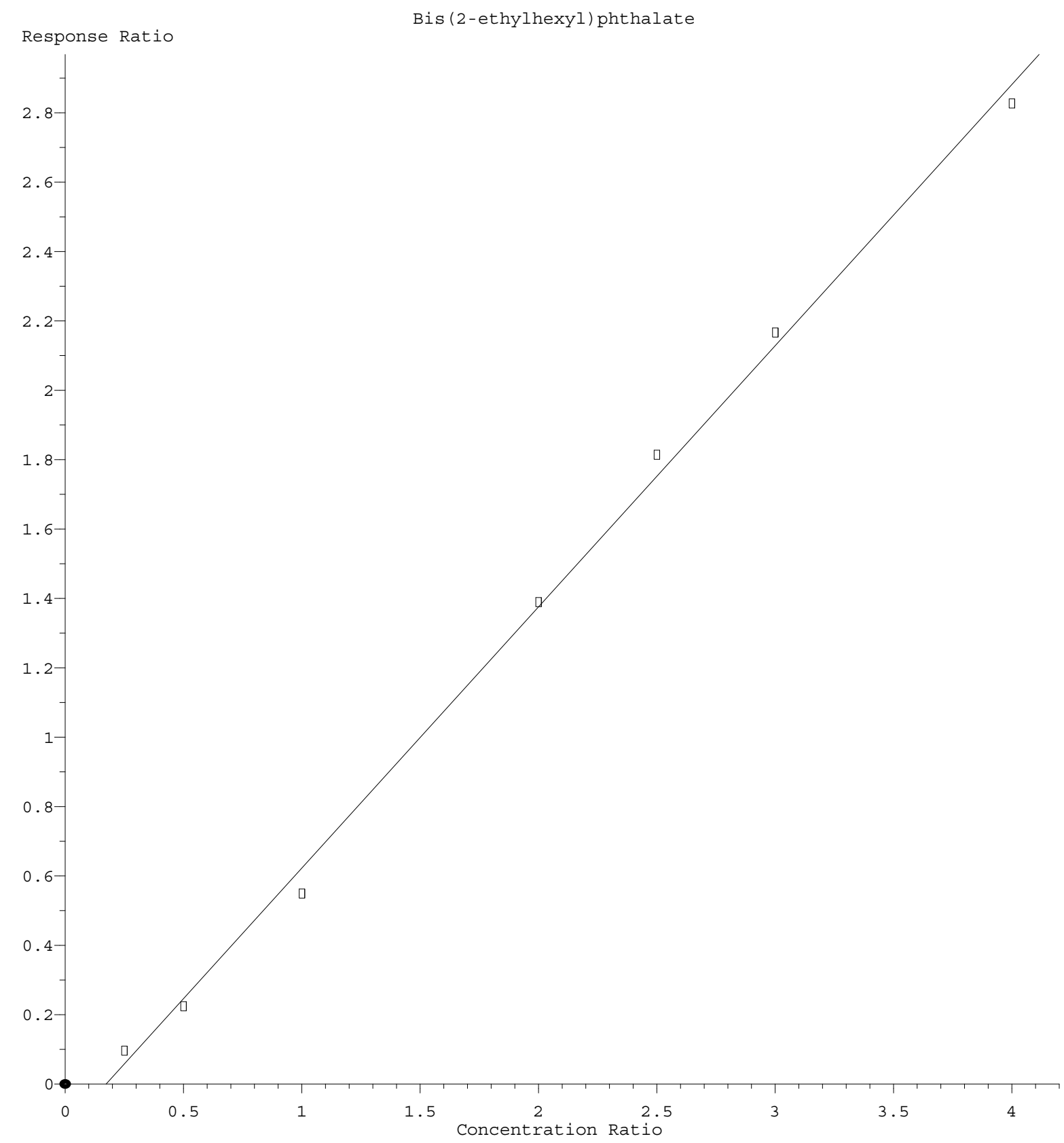
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.323	1.384	1.466	1.613	1.556	1.490	1.422	1.465	6.78
88)		Benzo(b)fluora...	1.317	1.220	1.208	1.302	1.271	1.177	1.202	1.242	4.36
89)		Benzo(k)fluora...	1.211	1.159	1.222	1.145	1.146	1.110	0.962	1.136	7.59
90)	C	Benzo(a)pyrene	1.121	1.098	1.146	1.203	1.180	1.137	1.076	1.137	3.91
91)		Dibenzo(a,h)an...	1.075	1.131	1.197	1.312	1.271	1.192	1.144	1.189	6.90
92)		Benzo(g,h,i)pe...	1.076	1.138	1.204	1.308	1.267	1.213	1.162	1.195	6.55

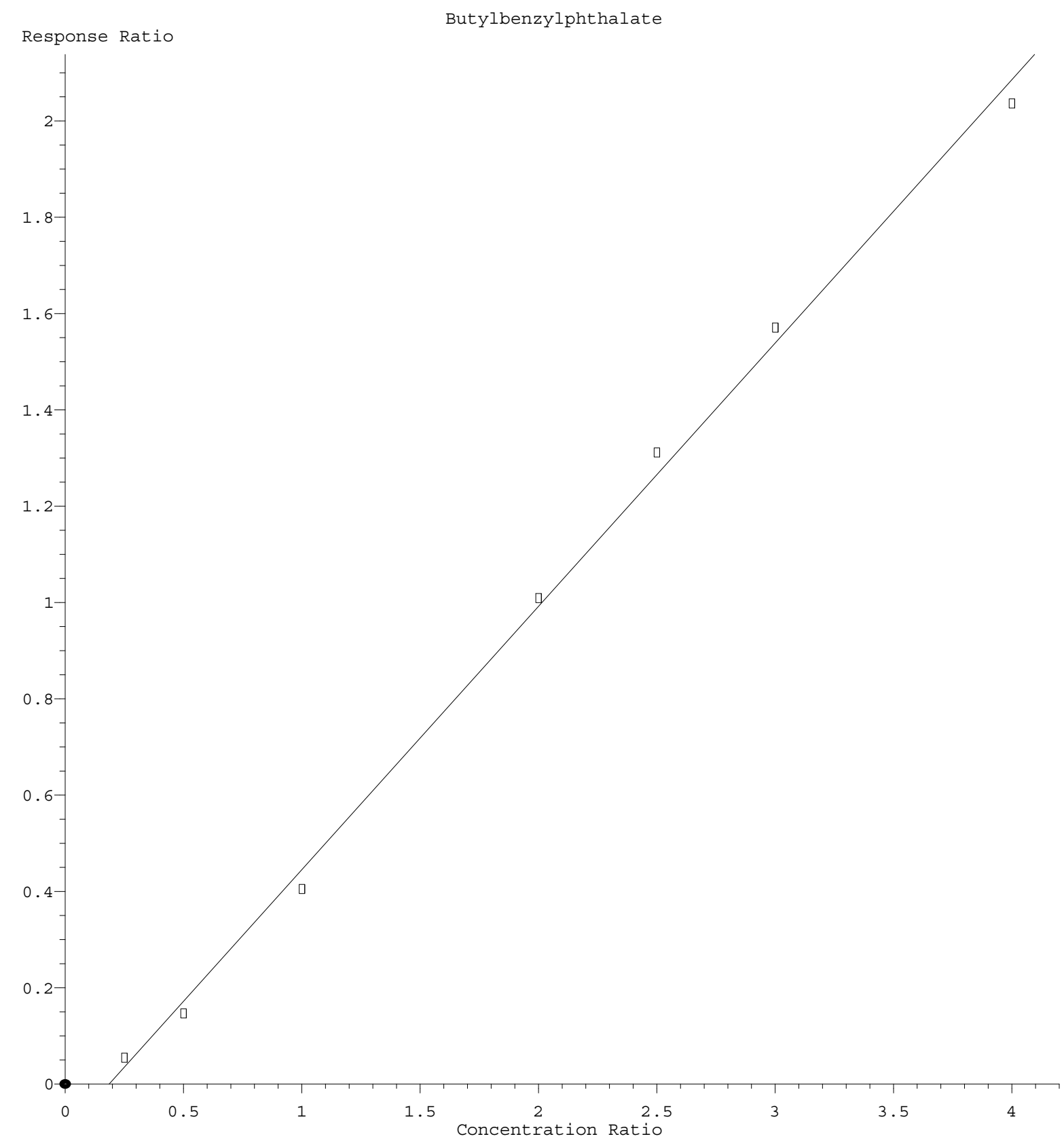
(#) = Out of Range



Response = 1.466e+000 * Amt - 4.448e-001
Coef of Det (r^2) = 0.997236 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

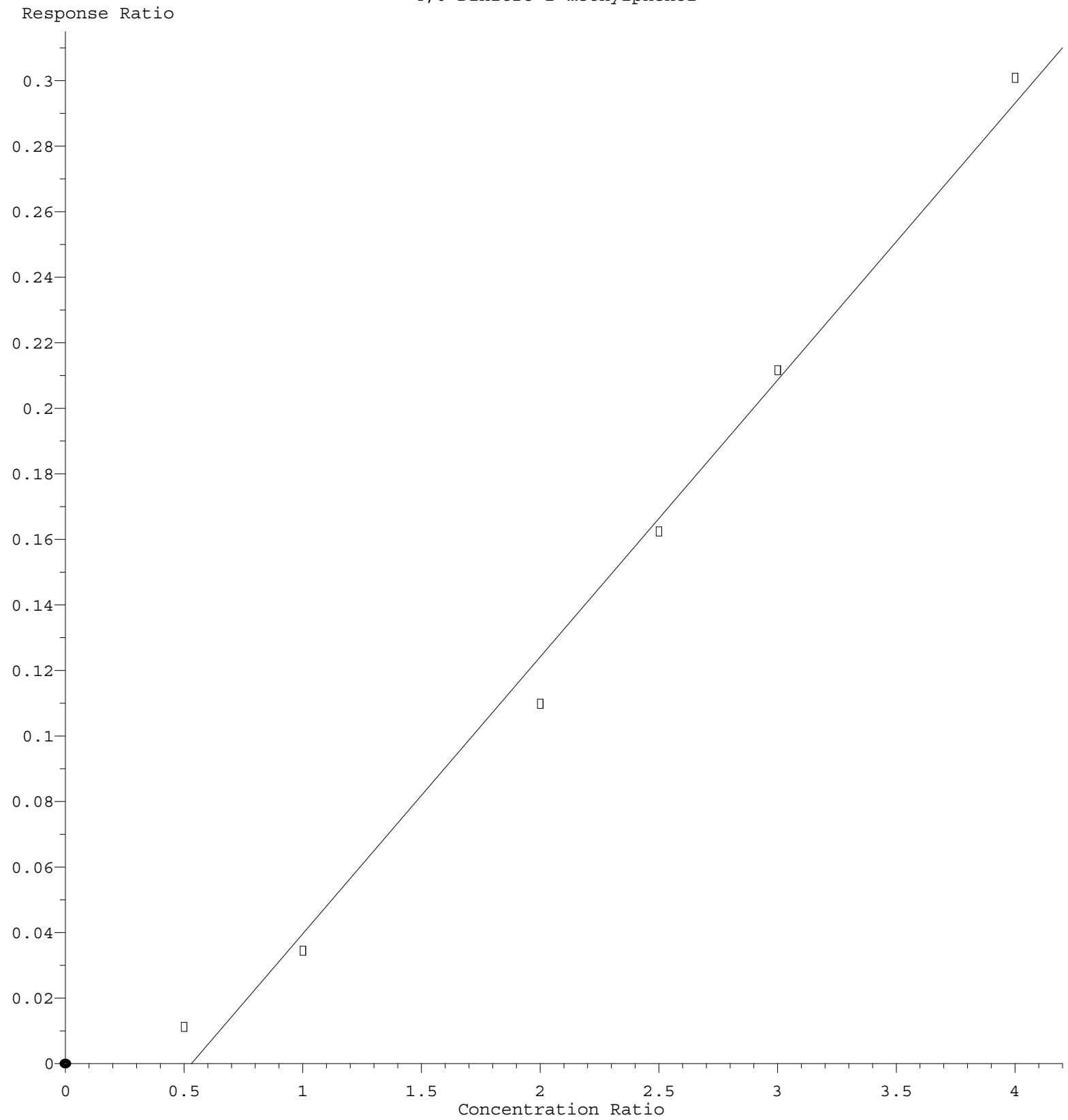


Response = 7.529e-001 * Amt - 1.300e-001
Coef of Det (r^2) = 0.997585 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

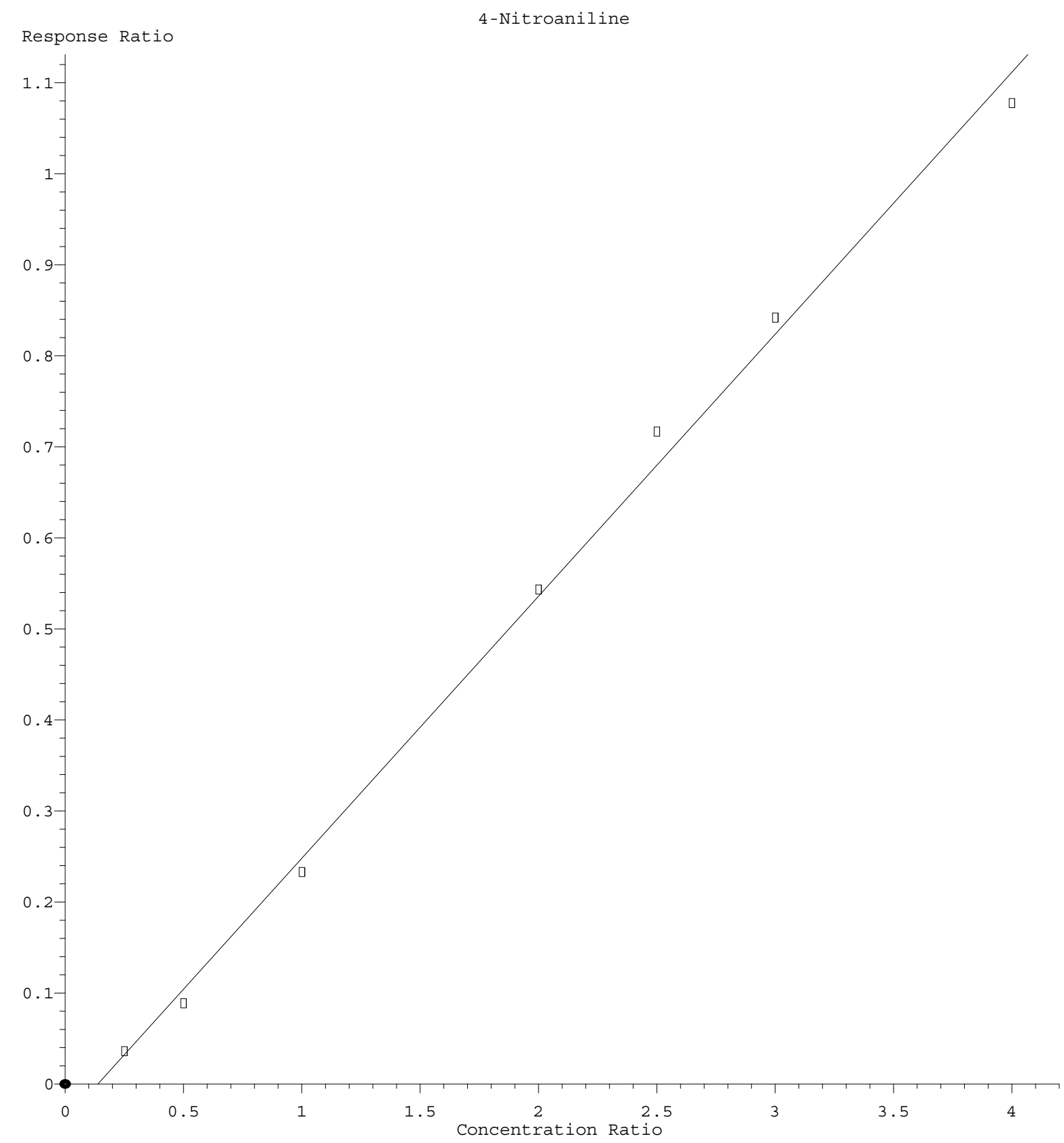


Response = 5.468e-001 * Amt - 1.016e-001
Coef of Det (r^2) = 0.997533 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

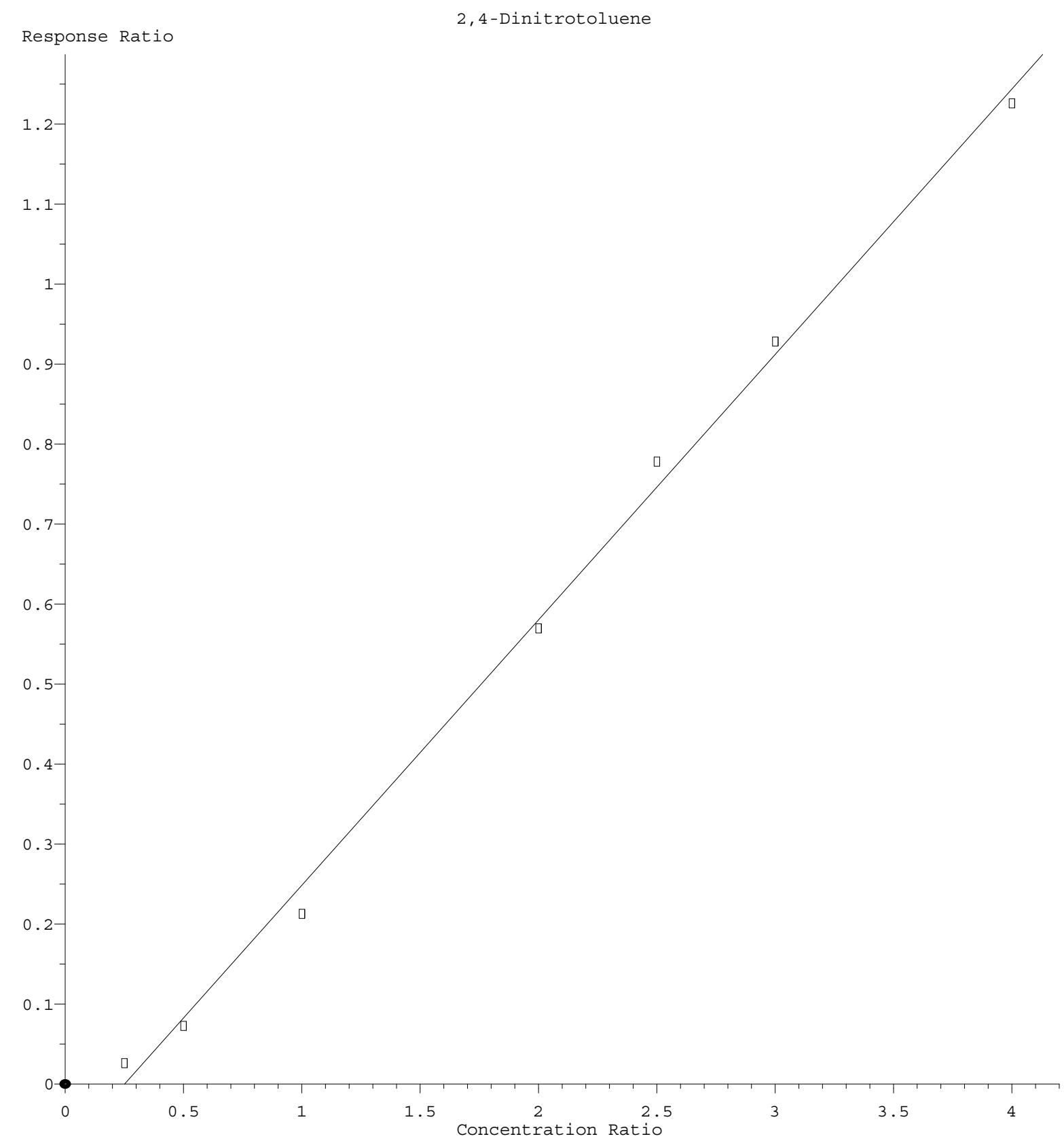
4,6-Dinitro-2-methylphenol



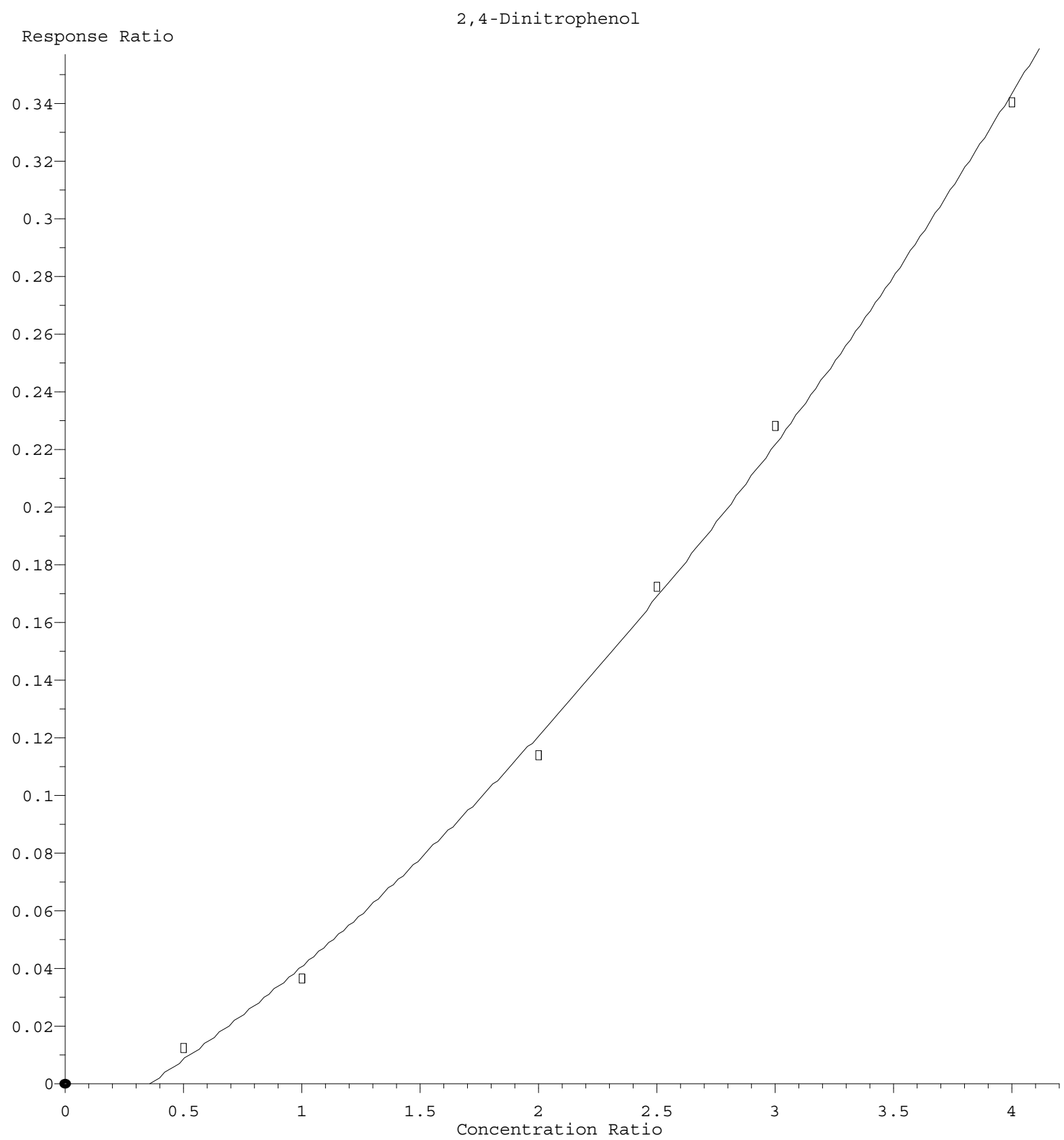
Response = 8.458e-002 * Amt - 4.487e-002
Coef of Det (r^2) = 0.991555 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



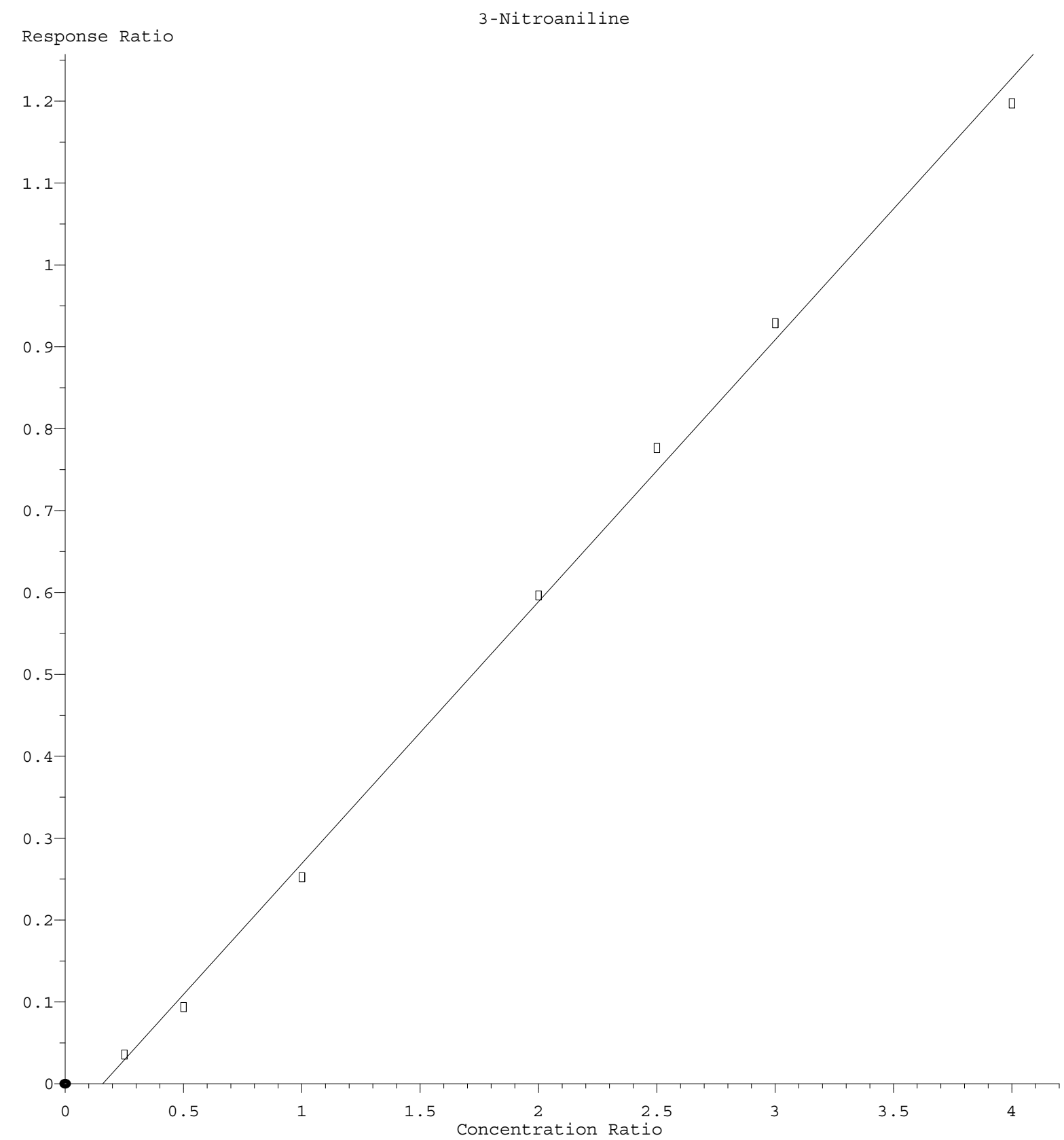
Response = 2.879e-001 * Amt - 3.958e-002
Coef of Det (r^2) = 0.996450 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



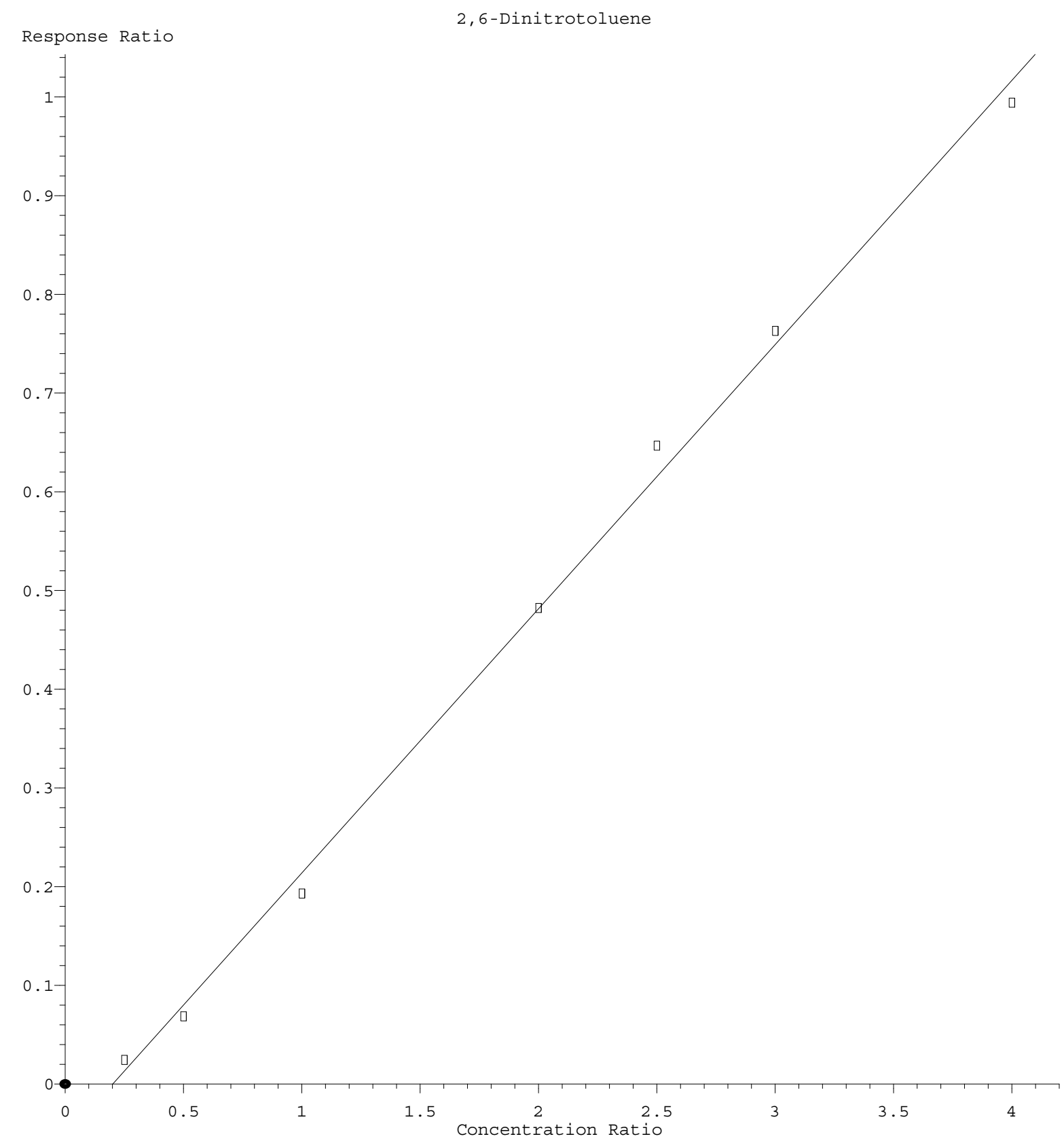
Response = 3.318e-001 * Amt - 8.340e-002
Coef of Det (r^2) = 0.997011 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



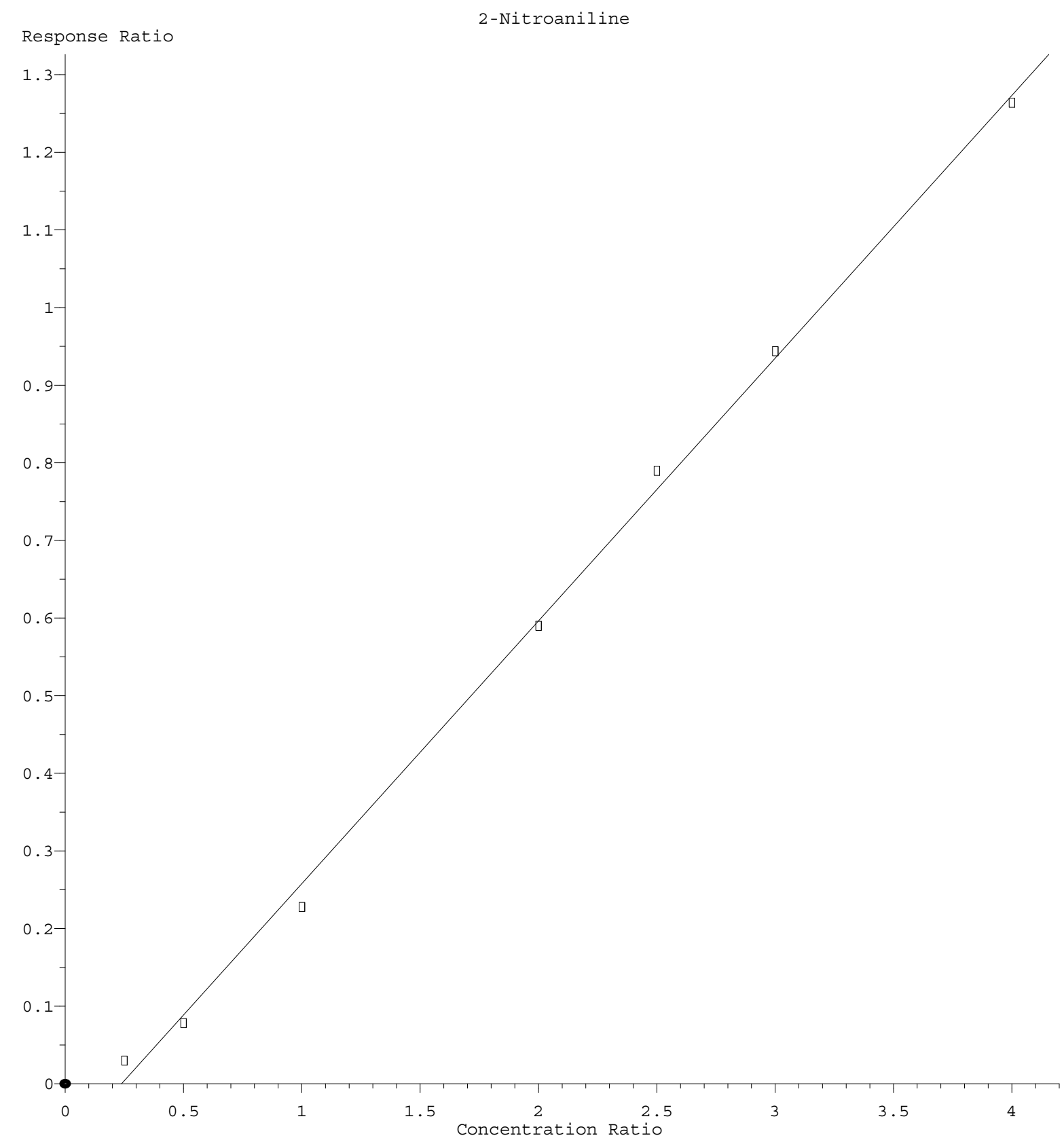
R = 1.037e-002 A*A + 4.909e-002 A - 1.884e-002
Coef of Det (r^2) = 0.998097 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



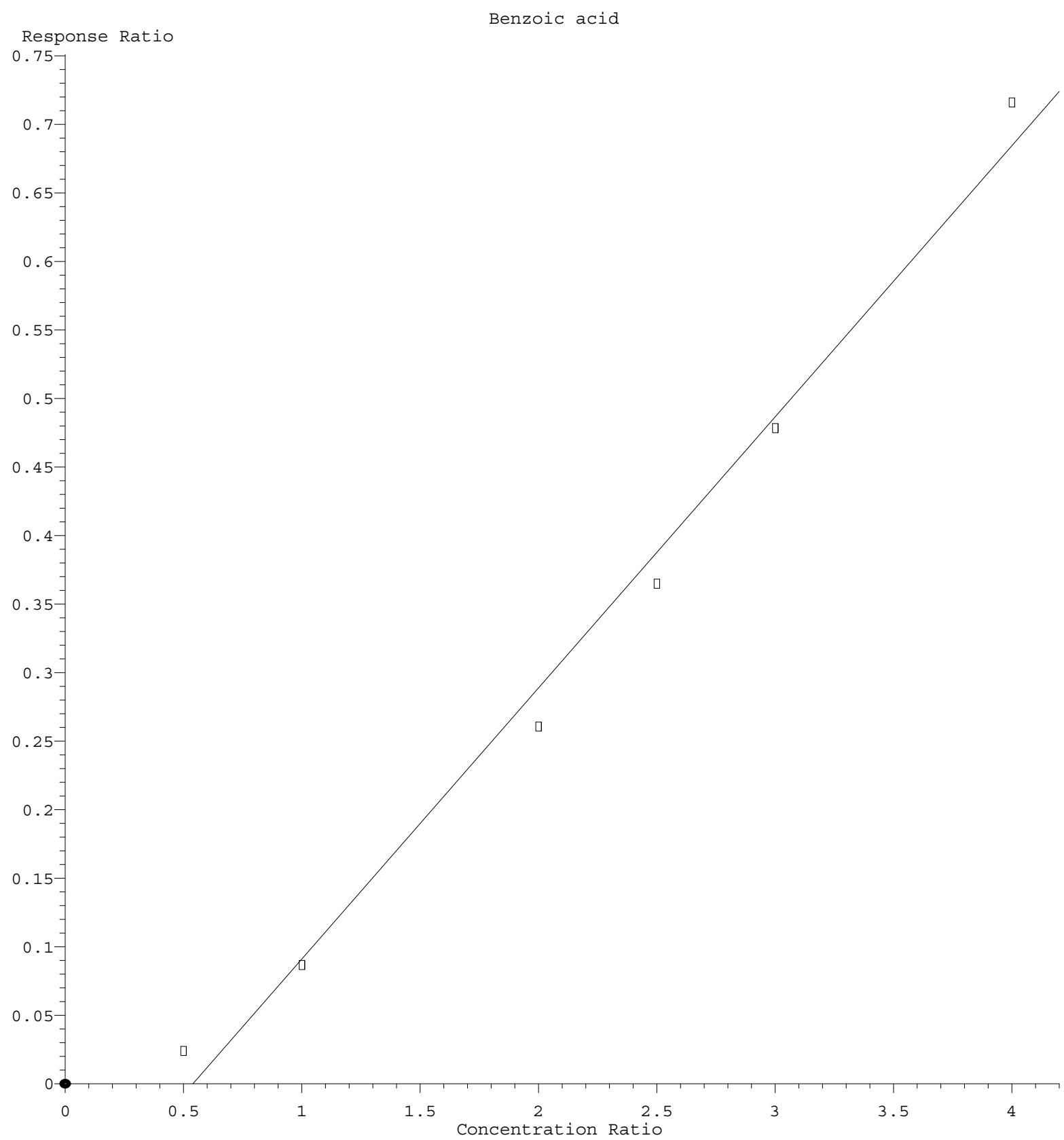
Response = 3.198e-001 * Amt - 5.099e-002
Coef of Det (r^2) = 0.997645 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



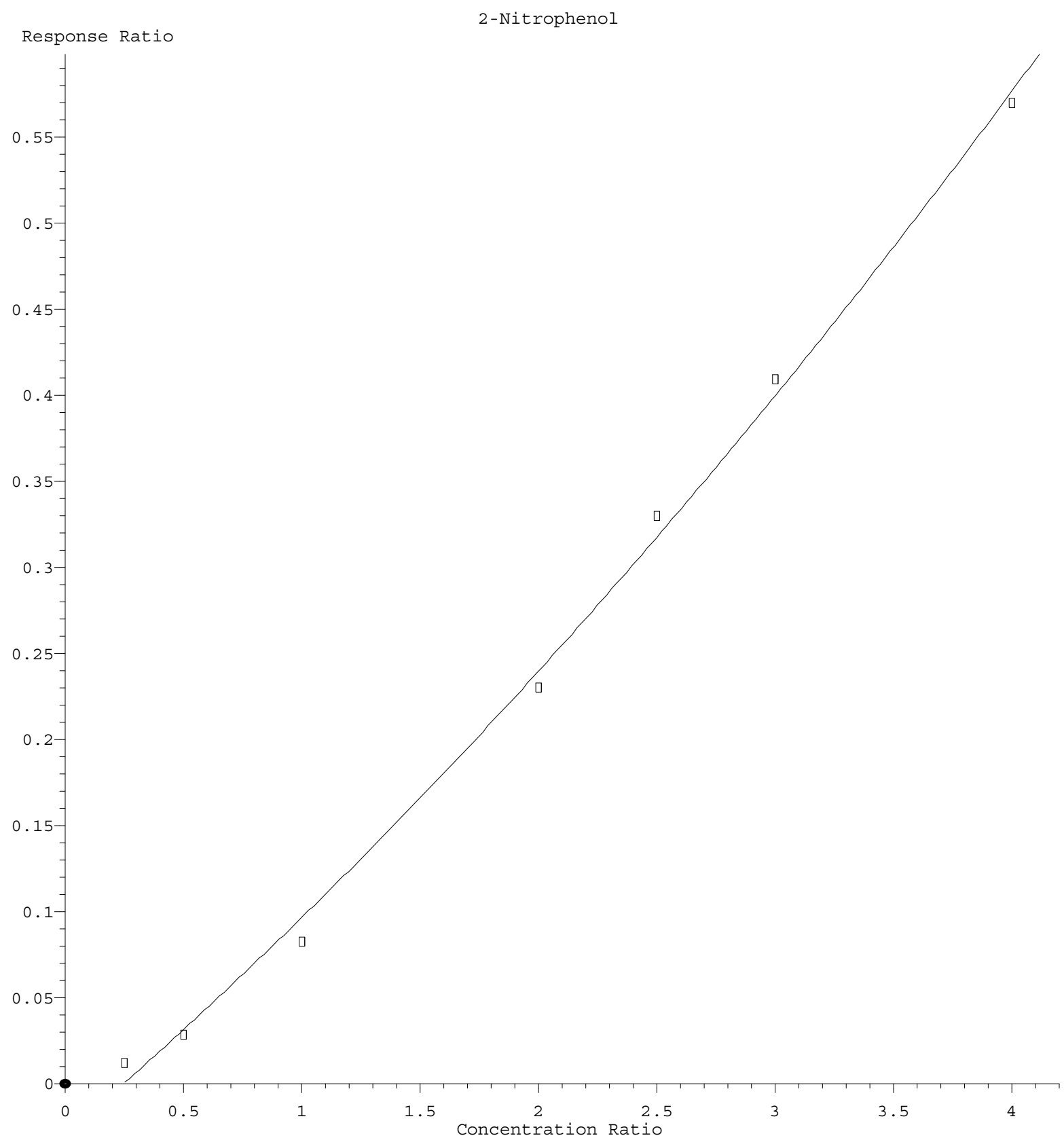
Response = 2.679e-001 * Amt - 5.390e-002
Coef of Det (r^2) = 0.997116 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



Response = 3.387e-001 * Amt - 8.076e-002
Coef of Det (r^2) = 0.998123 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



Response = 1.978e-001 * Amt - 1.069e-001
Coef of Det (r^2) = 0.989640 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025



R = 8.463e-003 A*A + 1.177e-001 A - 2.955e-002
Coef of Det (r^2) = 0.997290 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204993	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	780462	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414360	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	737147	20.000	ng	0.00
76) Chrysene-d12	14.074	240	525717	20.000	ng	0.00
86) Perylene-d12	15.568	264	366865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	24421	2.550	ng	99

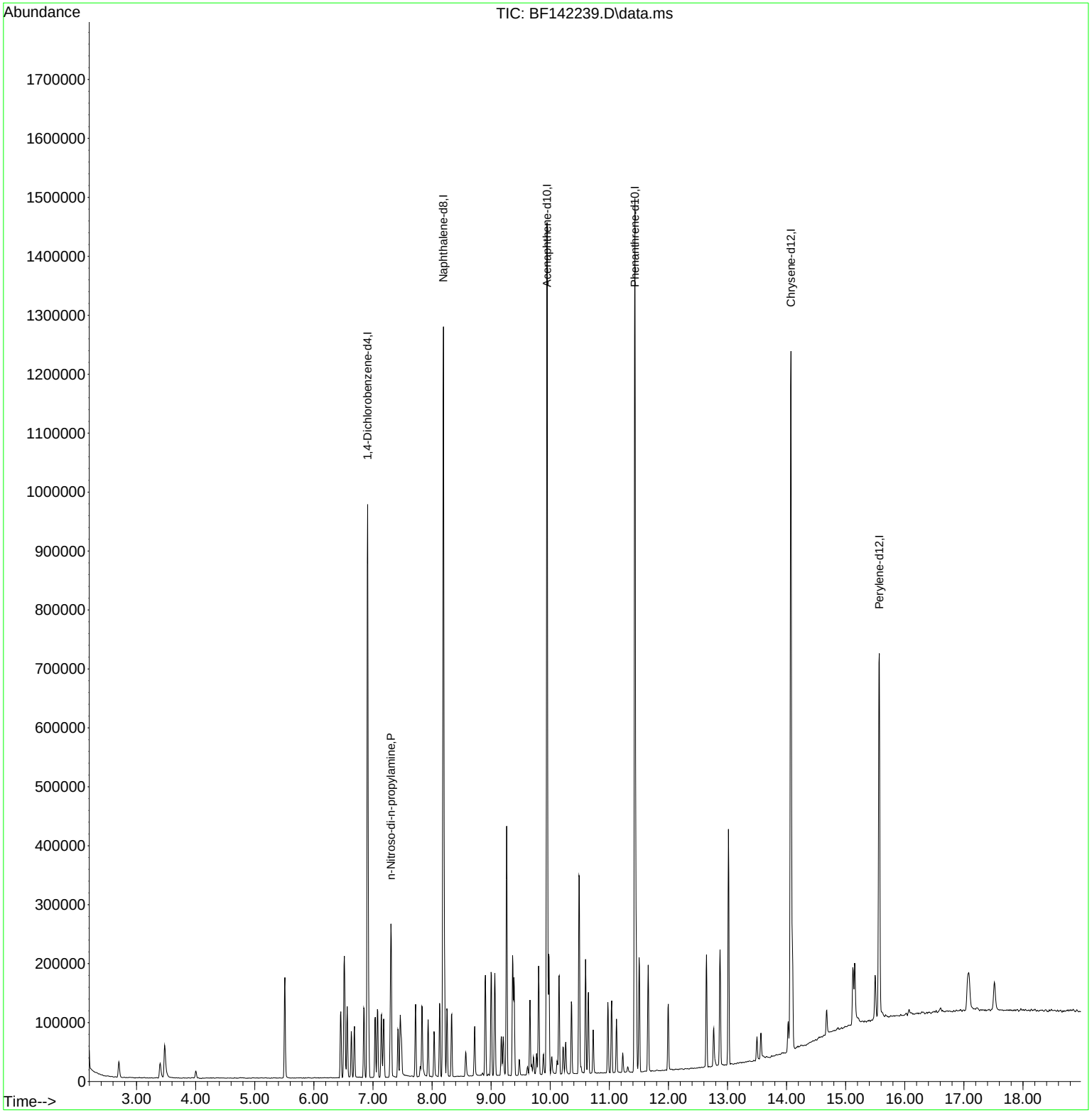
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	187794	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	726978	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	380022	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	664931	20.000	ng		0.00
76) Chrysene-d12	14.074	240	454911	20.000	ng		0.00
86) Perylene-d12	15.568	264	322126	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	124307	10.571	ng		0.00
7) Phenol-d6	6.510	99	146414	10.311	ng		-0.02
23) Nitrobenzene-d5	7.463	82	78765	7.118	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	26375	7.613	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	330323	12.256	ng		0.00
79) Terphenyl-d14	13.016	244	334852	10.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	26443	5.035	ng		97
3) Pyridine	3.469	79	68779	5.039	ng		99
4) n-Nitrosodimethylamine	3.393	42	35057	4.963	ng	#	97
6) Aniline	6.563	93	103866	5.168	ng		99
8) 2-Chlorophenol	6.687	128	58780	4.838	ng		99
9) Benzaldehyde	6.457	77	54160	5.457	ng		98
10) Phenol	6.528	94	78823	5.157	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	63148	5.331	ng		99
12) 1,3-Dichlorobenzene	6.845	146	73777	5.367	ng		100
13) 1,4-Dichlorobenzene	6.928	146	75604	5.459	ng		97
14) 1,2-Dichlorobenzene	7.075	146	69920	5.289	ng		99
15) Benzyl Alcohol	7.039	79	49136	4.879	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	111179	5.198	ng		100
17) 2-Methylphenol	7.145	107	50945	5.118	ng		98
18) Hexachloroethane	7.422	117	21958	4.844	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	46341	5.281	ng		99
20) 3+4-Methylphenols	7.292	107	63725	5.119	ng		93
22) Acetophenone	7.310	105	92806	5.518	ng		96
24) Nitrobenzene	7.481	77	41660	3.837	ng		94
25) Isophorone	7.722	82	119954	5.165	ng		100
26) 2-Nitrophenol	7.804	139	8775	6.901	ng		99
27) 2,4-Dimethylphenol	7.828	122	57217	4.887	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	77155	5.268	ng		100
29) 2,4-Dichlorophenol	8.034	162	44643	4.560	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	58177	5.326	ng		99
31) Naphthalene	8.210	128	200969	5.543	ng		99
33) 4-Chloroaniline	8.251	127	81024	5.367	ng		98
34) Hexachlorobutadiene	8.334	225	32676	5.127	ng		97
35) Caprolactam	8.575	113	12427	4.223	ng		100
36) 4-Chloro-3-methylphenol	8.722	107	47673	4.743	ng		99
37) 2-Methylnaphthalene	8.904	142	123458	5.539	ng		97
38) 1-Methylnaphthalene	8.998	142	127274	5.512	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	58967	5.513	ng		97
41) Hexachlorocyclopentadiene	9.057	237	23228	3.827	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	26171	3.949	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	30587	4.390	ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	168456	5.702	ng		98
47) 2-Chloronaphthalene	9.386	162	122469	5.572	ng		98
48) 2-Nitroaniline	9.475	65	11346	6.532	ng		89
49) Acenaphthylene	9.804	152	204157	5.504	ng		99
50) Dimethylphthalate	9.657	163	129376	5.322	ng		100
51) 2,6-Dinitrotoluene	9.716	165	9271	5.846	ng	#	81
52) Acenaphthene	9.975	154	120775	5.577	ng		99
53) 3-Nitroaniline	9.886	138	13576	5.423	ng	#	88
55) Dibenzofuran	10.151	168	183405	5.649	ng		98
57) 2,4-Dinitrotoluene	10.116	165	9928	6.601	ng	#	85
58) Fluorene	10.492	166	141835	5.746	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	23974m	4.154	ng		
60) Diethylphthalate	10.363	149	125748	5.238	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	66676	5.688	ng		98
62) 4-Nitroaniline	10.492	138	13695	5.254	ng	#	76
63) Azobenzene	10.645	77	127873	5.394	ng		99
66) n-Nitrosodiphenylamine	10.598	169	120800	5.317	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	37248	5.030	ng		97
68) Hexachlorobenzene	11.039	284	42558	5.131	ng		98
69) Atrazine	11.122	200	27629	4.614	ng		98
71) Phenanthrene	11.457	178	202460	5.637	ng		98
72) Anthracene	11.504	178	200946	5.472	ng		98
73) Carbazole	11.657	167	186963	5.581	ng		98
74) Di-n-butylphthalate	11.998	149	163860	4.864	ng		99
75) Fluoranthene	12.645	202	202911	5.715	ng		98
77) Benzidine	12.769	184	79877	4.132	ng		98
78) Pyrene	12.874	202	208462	4.968	ng		99
80) Butylbenzylphthalate	13.498	149	24840	5.714	ng		96
81) Benzo(a)anthracene	14.063	228	156840	5.136	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	32503	3.623	ng		94
83) Chrysene	14.098	228	148119	5.328	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	43692	6.006	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	106554	4.516	ng		98
88) Benzo(b)fluoranthene	15.121	252	106072	5.301	ng		100
89) Benzo(k)fluoranthene	15.151	252	97496	5.327	ng		99
90) Benzo(a)pyrene	15.498	252	90284	4.928	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	86557	4.520	ng		100
92) Benzo(g,h,i)perylene	17.521	276	86631	4.500	ng		99

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

ICAL Form

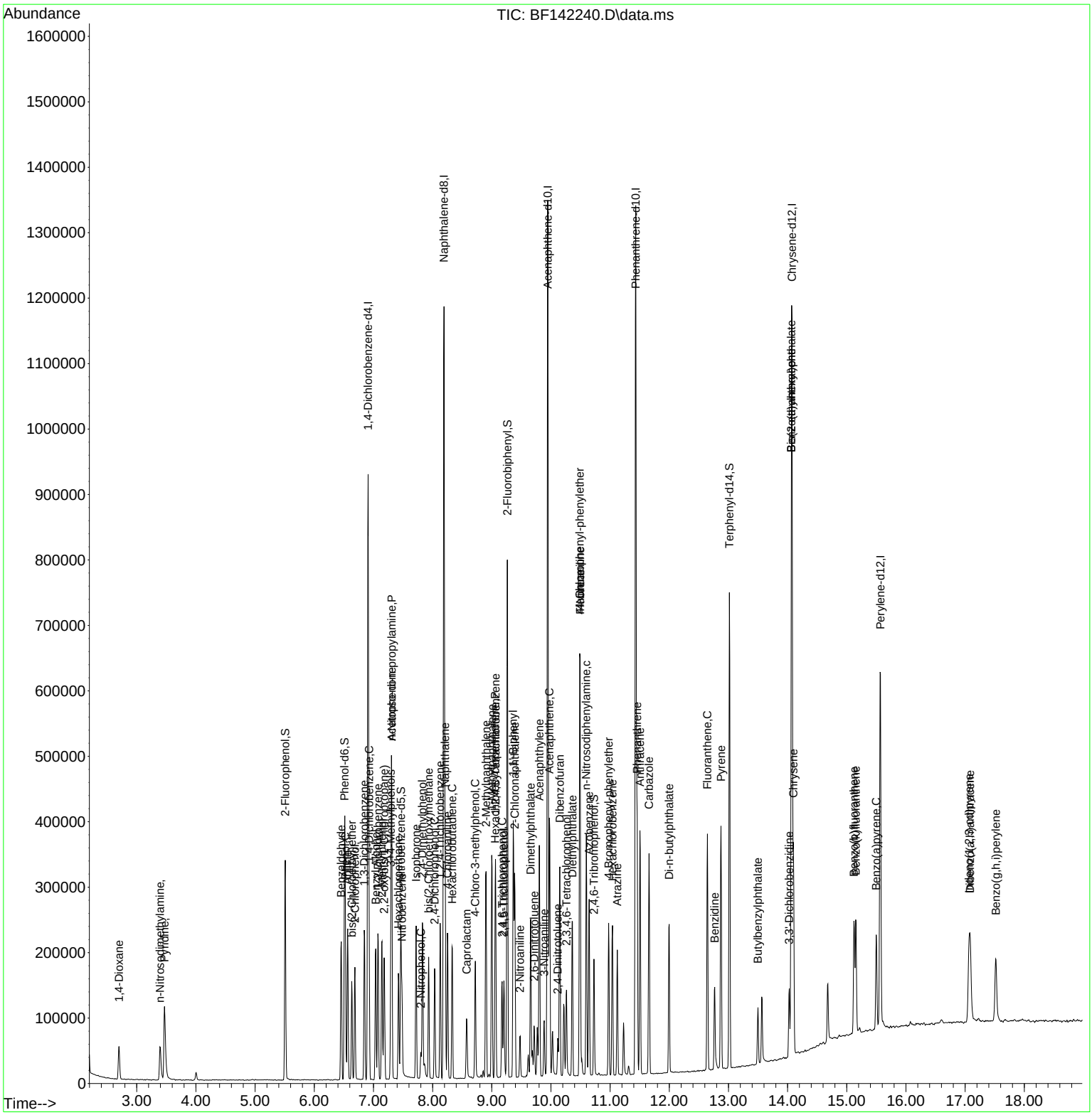
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142240.D
Acq On : 30 Apr 2025 11:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 15:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	198828	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	764114	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	402628	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	692116	20.000	ng		0.00
76) Chrysene-d12	14.074	240	449534	20.000	ng		0.00
86) Perylene-d12	15.568	264	332067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	246136	19.771	ng		0.00
7) Phenol-d6	6.516	99	299244	19.905	ng		-0.01
23) Nitrobenzene-d5	7.463	82	192172	16.523	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	63470	17.292	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	636078	22.275	ng		0.00
79) Terphenyl-d14	13.016	244	635233	20.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	53052	9.541	ng		97
3) Pyridine	3.469	79	138279	9.569	ng		99
4) n-Nitrosodimethylamine	3.399	42	69527	9.297	ng	#	98
6) Aniline	6.563	93	207232	9.739	ng		100
8) 2-Chlorophenol	6.687	128	122451	9.519	ng		98
9) Benzaldehyde	6.457	77	108198	10.297	ng		99
10) Phenol	6.528	94	157877	9.755	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	124281	9.909	ng		99
12) 1,3-Dichlorobenzene	6.851	146	147587	10.141	ng		99
13) 1,4-Dichlorobenzene	6.928	146	147728	10.075	ng		99
14) 1,2-Dichlorobenzene	7.081	146	140999	10.073	ng		99
15) Benzyl Alcohol	7.039	79	101094	9.481	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	227340	10.038	ng		99
17) 2-Methylphenol	7.145	107	102299	9.707	ng		99
18) Hexachloroethane	7.422	117	46369	9.662	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	93168	10.029	ng		99
20) 3+4-Methylphenols	7.298	107	131546	9.981	ng		97
22) Acetophenone	7.310	105	184253	10.423	ng		96
24) Nitrobenzene	7.481	77	99900	8.754	ng		95
25) Isophorone	7.722	82	240659	9.859	ng		100
26) 2-Nitrophenol	7.804	139	21744	9.530	ng		98
27) 2,4-Dimethylphenol	7.834	122	121707	9.889	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	154349	10.026	ng		99
29) 2,4-Dichlorophenol	8.034	162	96761	9.404	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	115815	10.087	ng		99
31) Naphthalene	8.210	128	397159	10.422	ng		99
32) Benzoic acid	7.881	122	18272	13.045	ng		96
33) 4-Chloroaniline	8.257	127	157999	9.957	ng		99
34) Hexachlorobutadiene	8.334	225	66829	9.976	ng		98
35) Caprolactam	8.586	113	27800	8.989	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	101179	9.576	ng		99
37) 2-Methylnaphthalene	8.904	142	243429	10.390	ng		99
38) 1-Methylnaphthalene	9.004	142	250299	10.312	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	115685	10.209	ng		98
41) Hexachlorocyclopentadiene	9.057	237	53365	8.298	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	66271	9.438	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

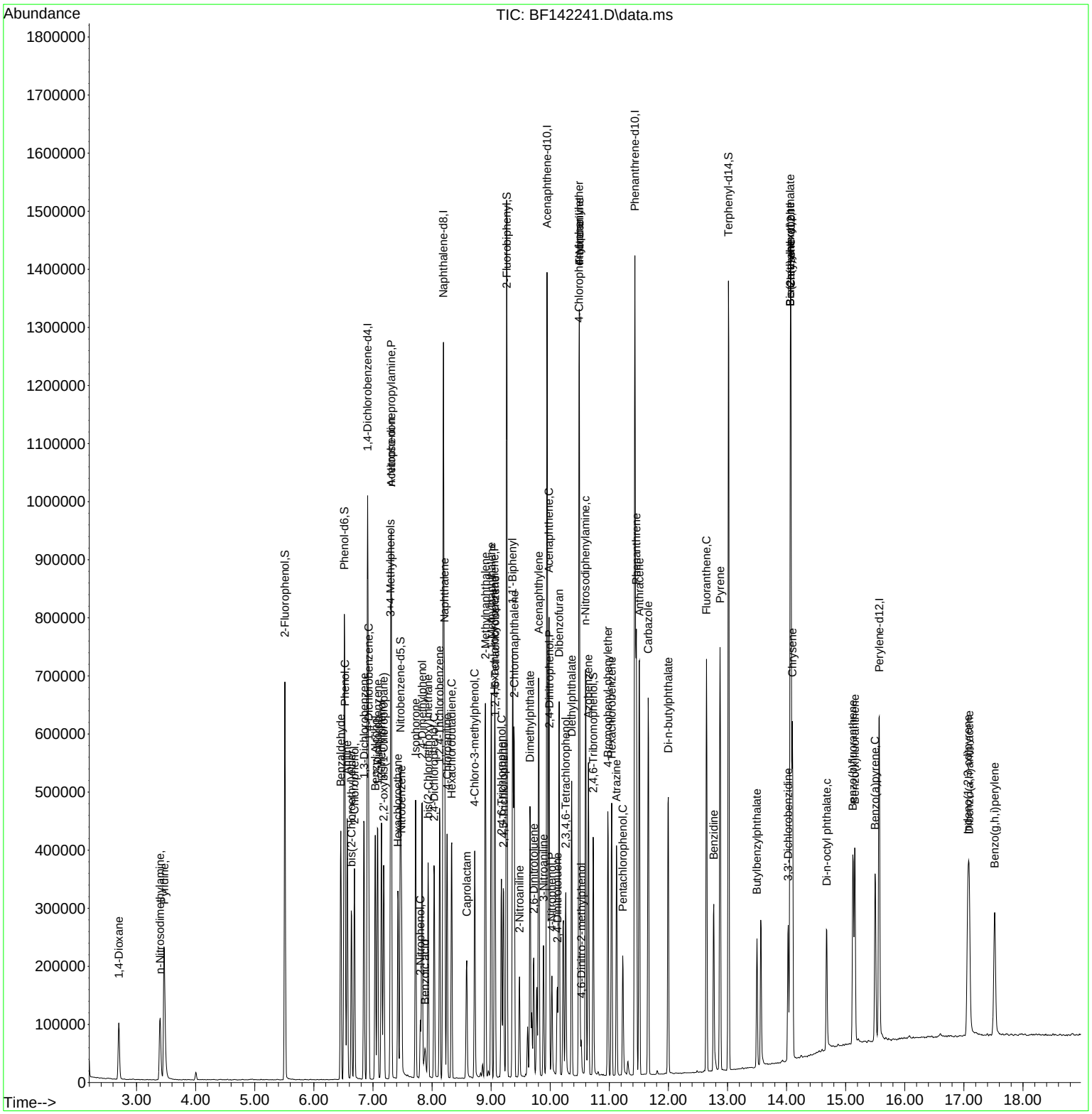
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	66509	9.009	ng		98
46) 1,1'-Biphenyl	9.363	154	326241	10.423	ng		99
47) 2-Chloronaphthalene	9.392	162	236725	10.165	ng		99
48) 2-Nitroaniline	9.480	65	31455	9.382	ng		98
49) Acenaphthylene	9.804	152	407630	10.373	ng		98
50) Dimethylphthalate	9.657	163	258512	10.036	ng		99
51) 2,6-Dinitrotoluene	9.722	165	27624	9.147	ng		91
52) Acenaphthene	9.980	154	236444	10.305	ng		99
53) 3-Nitroaniline	9.886	138	37727	9.049	ng	#	97
54) 2,4-Dinitrophenol	9.986	184	4993	11.362	ng	#	1
55) Dibenzofuran	10.151	168	357431	10.392	ng		99
56) 4-Nitrophenol	10.028	139	26399	6.520	ng		91
57) 2,4-Dinitrotoluene	10.122	165	29245	9.405	ng		94
58) Fluorene	10.492	166	282449	10.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	53660	8.775	ng		99
60) Diethylphthalate	10.363	149	254431	10.003	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	129149	10.398	ng		99
62) 4-Nitroaniline	10.492	138	35703	8.911	ng		88
63) Azobenzene	10.645	77	253731	10.102	ng		99
65) 4,6-Dinitro-2-methylph...	10.527	198	7762	13.263	ng		95
66) n-Nitrosodiphenylamine	10.598	169	237471	10.042	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	75692	9.820	ng		97
68) Hexachlorobenzene	11.039	284	84881	9.832	ng		96
69) Atrazine	11.122	200	59553	9.554	ng		98
70) Pentachlorophenol	11.227	266	32058	7.029	ng		99
71) Phenanthrene	11.457	178	385677	10.316	ng		99
72) Anthracene	11.510	178	401700	10.509	ng		98
73) Carbazole	11.657	167	362249	10.389	ng		98
74) Di-n-butylphthalate	11.998	149	348111	9.927	ng		99
75) Fluoranthene	12.645	202	395757	10.709	ng		99
77) Benzidine	12.769	184	168038	8.797	ng		99
78) Pyrene	12.874	202	404860	9.763	ng		100
80) Butylbenzylphthalate	13.498	149	65964	9.084	ng		98
81) Benzo(a)anthracene	14.063	228	296710	9.832	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	71321	8.046	ng		98
83) Chrysene	14.098	228	271875	9.897	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	100777	9.409	ng		99
85) Di-n-octyl phthalate	14.680	149	150072	10.622	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	229818	9.449	ng		100
88) Benzo(b)fluoranthene	15.121	252	202615	9.823	ng		99
89) Benzo(k)fluoranthene	15.157	252	192500	10.203	ng		98
90) Benzo(a)pyrene	15.498	252	182258	9.651	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	187788	9.513	ng		99
92) Benzo(g,h,i)perylene	17.521	276	188891	9.518	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142241.D
Acq On : 30 Apr 2025 12:20
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 30 15:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	64656m	19.412	ng	
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng		99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng		99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng		98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng		97
49) Acenaphthylene	9.810	152	807654	20.749	ng		99
50) Dimethylphthalate	9.663	163	518802	20.334	ng		100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng		93
52) Acenaphthene	9.981	154	460927	20.281	ng		100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng	#	95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng	#	1
55) Dibenzofuran	10.151	168	698155	20.493	ng		100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng		97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng		95
58) Fluorene	10.492	166	538647	20.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng		99
60) Diethylphthalate	10.363	149	519294	20.611	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng		99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng		97
63) Azobenzene	10.645	77	508482	20.438	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng		98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng		99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng		97
69) Atrazine	11.128	200	126444	20.665	ng		99
70) Pentachlorophenol	11.228	266	81929	18.301	ng		99
71) Phenanthrene	11.457	178	760476	20.723	ng		99
72) Anthracene	11.510	178	782215	20.848	ng		99
73) Carbazole	11.657	167	720775	21.059	ng		99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng		99
75) Fluoranthene	12.645	202	784880	21.636	ng		100
77) Benzidine	12.769	184	381034	20.837	ng		99
78) Pyrene	12.875	202	795806	20.046	ng		100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng		99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng		100
83) Chrysene	14.098	228	537388	20.435	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng		100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng		99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng		98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng		98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng		98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng		100

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

ICAL Form

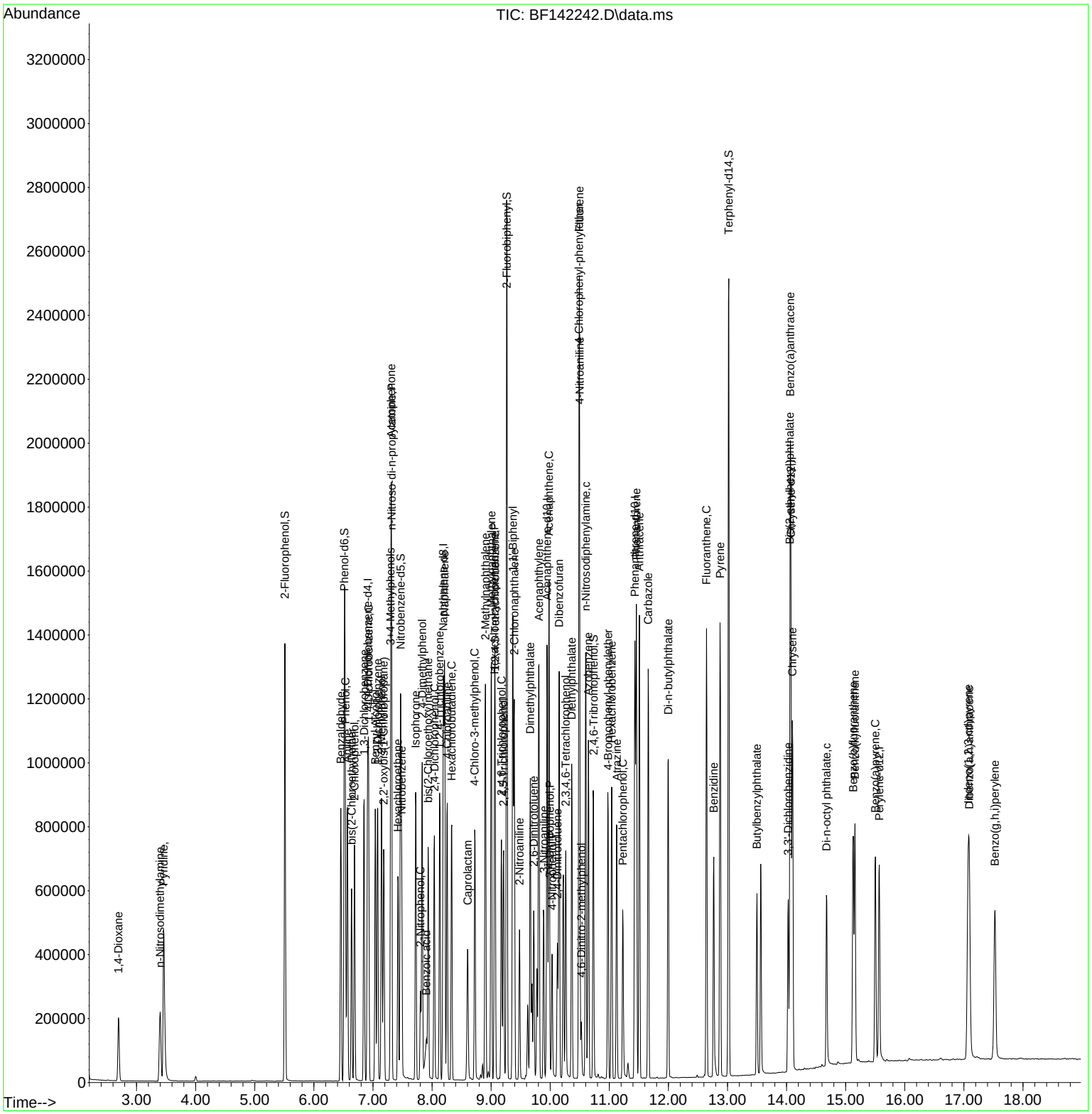
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180007	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	706244	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	370869	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	616408	20.000	ng	0.00
76) Chrysene-d12	14.074	240	331192	20.000	ng	0.00
86) Perylene-d12	15.568	264	328405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	946150	83.944	ng	0.00
7) Phenol-d6	6.528	99	1146926	84.267	ng	0.00
23) Nitrobenzene-d5	7.475	82	961009	89.396	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	302223	89.389	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2089707	79.446	ng	0.00
79) Terphenyl-d14	13.022	244	1962470	86.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	213029	42.319	ng	100
3) Pyridine	3.463	79	547989	41.886	ng	100
4) n-Nitrosodimethylamine	3.410	42	290357	42.887	ng	100
6) Aniline	6.569	93	808338	41.959	ng	100
8) 2-Chlorophenol	6.693	128	496290	42.612	ng	100
9) Benzaldehyde	6.457	77	402047	42.263	ng	100
10) Phenol	6.540	94	617257	42.128	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	474404	41.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	551813	41.881	ng	100
13) 1,4-Dichlorobenzene	6.928	146	556691	41.937	ng	100
14) 1,2-Dichlorobenzene	7.081	146	530895	41.892	ng	100
15) Benzyl Alcohol	7.046	79	413830	42.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.187	45	858875	41.888	ng	100
17) 2-Methylphenol	7.151	107	403467	42.287	ng	100
18) Hexachloroethane	7.428	117	183881	42.322	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	348288	41.410	ng	100
20) 3+4-Methylphenols	7.304	107	503856	42.229	ng	100
22) Acetophenone	7.316	105	660959	40.454	ng	100
24) Nitrobenzene	7.493	77	463357	43.929	ng	100
25) Isophorone	7.728	82	931763	41.299	ng	100
26) 2-Nitrophenol	7.804	139	162563	38.737	ng	100
27) 2,4-Dimethylphenol	7.834	122	476186	41.862	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	586887	41.247	ng	100
29) 2,4-Dichlorophenol	8.040	162	410487	43.163	ng	100
30) 1,2,4-Trichlorobenzene	8.134	180	440825	41.539	ng	100
31) Naphthalene	8.216	128	1441240	40.920	ng	100
32) Benzoic acid	7.934	122	184052m	37.083	ng	
33) 4-Chloroaniline	8.257	127	606136	41.328	ng	100
34) Hexachlorobutadiene	8.334	225	260821	42.125	ng	100
35) Caprolactam	8.622	113	122598	42.889	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	417126	42.715	ng	100
37) 2-Methylnaphthalene	8.904	142	880315	40.652	ng	100
38) 1-Methylnaphthalene	9.004	142	920983	41.054	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	427286	40.938	ng	100
41) Hexachlorocyclopentadiene	9.057	237	260979	44.056	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	274555	42.450	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	ng	100
50) Dimethylphthalate	9.669	163	980172	41.312	ng	100
51) 2,6-Dinitrotoluene	9.728	165	178867	40.034	ng	100
52) Acenaphthene	9.981	154	869604	41.145	ng	100
53) 3-Nitroaniline	9.892	138	221168	40.485	ng	100
54) 2,4-Dinitrophenol	9.998	184	42260	38.466	ng	100
55) Dibenzofuran	10.151	168	1293035	40.813	ng	100
56) 4-Nitrophenol	10.039	139	159989	42.900	ng	100
57) 2,4-Dinitrotoluene	10.128	165	211218	39.352	ng	100
58) Fluorene	10.498	166	976948	40.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	247655	43.967	ng	100
60) Diethylphthalate	10.369	149	974036	41.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	468898	40.986	ng	100
62) 4-Nitroaniline	10.504	138	201491	40.498	ng	100
63) Azobenzene	10.651	77	948440	40.994	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	67678	36.574	ng	100
66) n-Nitrosodiphenylamine	10.604	169	877338	41.656	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	291063	42.400	ng	100
68) Hexachlorobenzene	11.045	284	321448	41.809	ng	100
69) Atrazine	11.128	200	234825	42.299	ng	100
70) Pentachlorophenol	11.233	266	177755	43.764	ng	100
71) Phenanthrene	11.457	178	1371009	41.176	ng	100
72) Anthracene	11.510	178	1390308	40.840	ng	100
73) Carbazole	11.663	167	1273184	40.999	ng	100
74) Di-n-butylphthalate	11.998	149	1317363	42.180	ng	100
75) Fluoranthene	12.645	202	1338006	40.652	ng	100
77) Benzidine	12.769	184	638142	45.346	ng	100
78) Pyrene	12.880	202	1341800	43.920	ng	100
80) Butylbenzylphthalate	13.498	149	334175	40.624	ng	100
81) Benzo(a)anthracene	14.063	228	952290	42.831	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	292958	44.859	ng	100
83) Chrysene	14.104	228	816041	40.321	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	460074	40.356	ng	100
85) Di-n-octyl phthalate	14.680	149	836078	40.504	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1059591	44.049	ng	100
88) Benzo(b)fluoranthene	15.127	252	854971	41.912	ng	100
89) Benzo(k)fluoranthene	15.157	252	752135	40.310	ng	100
90) Benzo(a)pyrene	15.504	252	790330	42.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	861783	44.142	ng	100
92) Benzo(g,h,i)perylene	17.539	276	858804	43.758	ng	100

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

ICAL Form

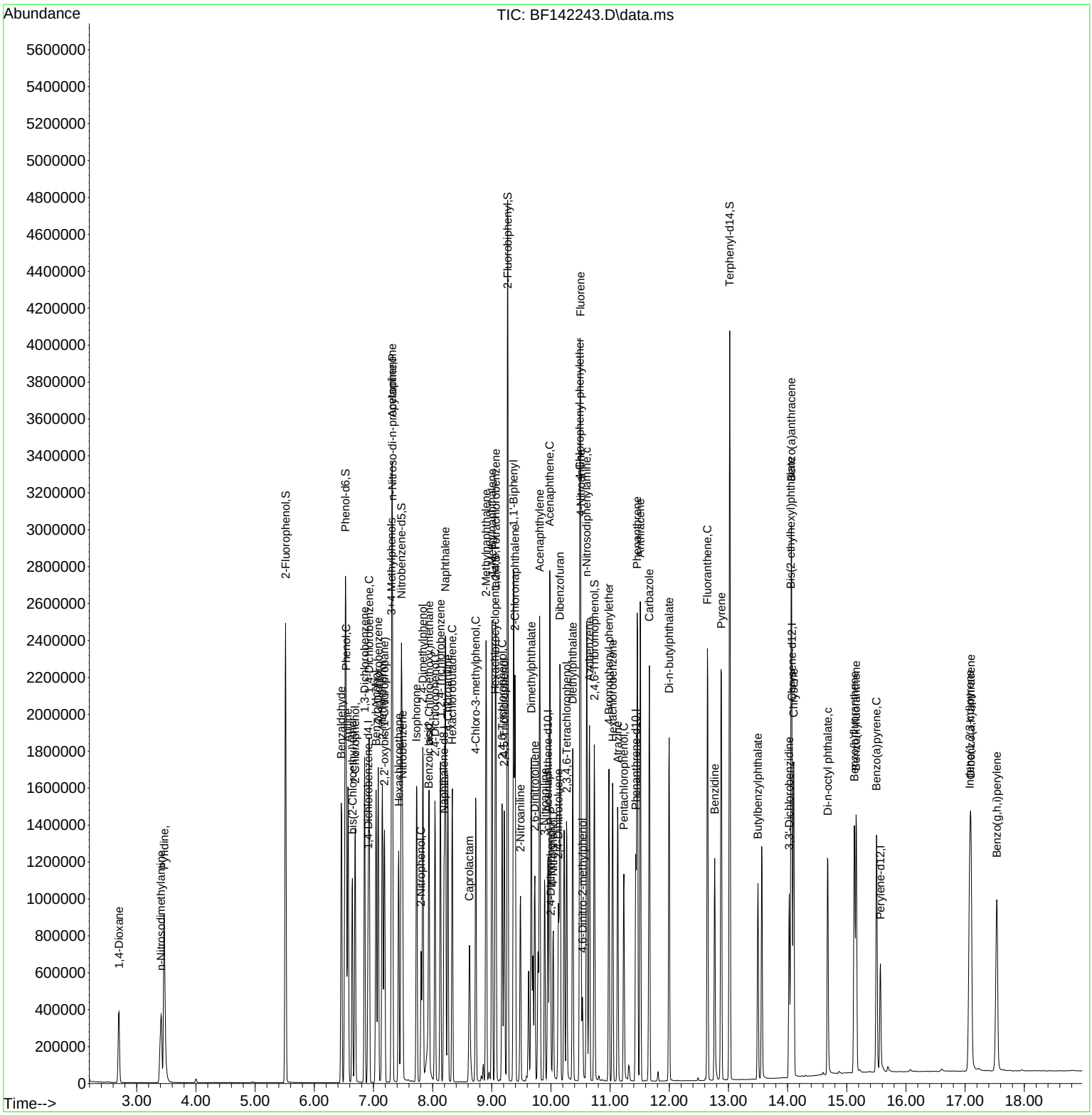
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142243.D
Acq On : 30 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 15:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	179073	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	691236	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	360144	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	604171	20.000	ng		0.00
76) Chrysene-d12	14.074	240	322957	20.000	ng		0.00
86) Perylene-d12	15.568	264	337726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1150166	102.577	ng		0.00
7) Phenol-d6	6.528	99	1387418	102.468	ng		0.00
23) Nitrobenzene-d5	7.475	82	1213856	115.369	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	369823	112.641	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	2425708	94.966	ng		0.00
79) Terphenyl-d14	13.021	244	2247982	101.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	259869	51.894	ng		99
3) Pyridine	3.463	79	672711	51.688	ng		100
4) n-Nitrosodimethylamine	3.416	42	353028	52.416	ng		96
6) Aniline	6.575	93	986118	51.454	ng		99
8) 2-Chlorophenol	6.692	128	606252	52.325	ng		99
9) Benzaldehyde	6.463	77	482619	50.998	ng		98
10) Phenol	6.539	94	755326m	51.820	ng		
11) bis(2-Chloroethyl)ether	6.645	93	575347	50.934	ng		100
12) 1,3-Dichlorobenzene	6.851	146	661612	50.476	ng		99
13) 1,4-Dichlorobenzene	6.928	146	666083	50.439	ng		99
14) 1,2-Dichlorobenzene	7.081	146	640983	50.843	ng		100
15) Benzyl Alcohol	7.045	79	504297	52.514	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1049319	51.444	ng		100
17) 2-Methylphenol	7.151	107	485145	51.113	ng		100
18) Hexachloroethane	7.428	117	229911	53.193	ng		97
19) n-Nitroso-di-n-propyla...	7.328	70	420535	50.261	ng		99
20) 3+4-Methylphenols	7.310	107	611404	51.510	ng	#	89
22) Acetophenone	7.322	105	796460	49.805	ng		96
24) Nitrobenzene	7.492	77	584670	56.634	ng		99
25) Isophorone	7.734	82	1129933	51.170	ng		99
26) 2-Nitrophenol	7.810	139	228021	51.526	ng		97
27) 2,4-Dimethylphenol	7.839	122	576054	51.741	ng		100
28) bis(2-Chloroethoxy)met...	7.939	93	708439	50.870	ng		99
29) 2,4-Dichlorophenol	8.045	162	494488	53.125	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	524508	50.497	ng		100
31) Naphthalene	8.216	128	1725818	50.064	ng		100
32) Benzoic acid	7.939	122	252184	47.667	ng		98
33) 4-Chloroaniline	8.257	127	730860	50.914	ng		99
34) Hexachlorobutadiene	8.333	225	307118	50.679	ng		99
35) Caprolactam	8.628	113	154579	55.251	ng		97
36) 4-Chloro-3-methylphenol	8.733	107	505527	52.891	ng		100
37) 2-Methylnaphthalene	8.904	142	1057924	49.915	ng		100
38) 1-Methylnaphthalene	9.004	142	1107217	50.427	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	509426	50.261	ng		99
41) Hexachlorocyclopentadiene	9.063	237	331287	57.591	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	337910	53.801	ng		100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	370489	56.106	ng	98
46) 1,1'-Biphenyl	9.369	154	1392513	49.736	ng	100
47) 2-Chloronaphthalene	9.398	162	1041842	50.015	ng	100
48) 2-Nitroaniline	9.486	65	284370	51.394	ng	100
49) Acenaphthylene	9.810	152	1769441	50.339	ng	100
50) Dimethylphthalate	9.669	163	1178638	51.156	ng	99
51) 2,6-Dinitrotoluene	9.727	165	232906	52.309	ng	99
52) Acenaphthene	9.986	154	1024409	49.912	ng	100
53) 3-Nitroaniline	9.898	138	279608	51.745	ng	97
54) 2,4-Dinitrophenol	9.998	184	62086	50.725	ng	98
55) Dibenzofuran	10.157	168	1542097	50.123	ng	100
56) 4-Nitrophenol	10.039	139	210153	58.029	ng	99
57) 2,4-Dinitrotoluene	10.127	165	280193	51.918	ng	98
58) Fluorene	10.498	166	1146269	49.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	300782	54.989	ng	99
60) Diethylphthalate	10.369	149	1170793	51.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	553271	49.802	ng	98
62) 4-Nitroaniline	10.510	138	258117	52.547	ng	100
63) Azobenzene	10.651	77	1150899	51.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	98114	49.012	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1041277	50.442	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	340298	50.576	ng	97
68) Hexachlorobenzene	11.045	284	384807	51.064	ng	99
69) Atrazine	11.133	200	287405	52.819	ng	100
70) Pentachlorophenol	11.233	266	219414	55.114	ng	98
71) Phenanthrene	11.463	178	1607091	49.244	ng	99
72) Anthracene	11.510	178	1659788	49.744	ng	100
73) Carbazole	11.663	167	1504715	49.436	ng	100
74) Di-n-butylphthalate	11.998	149	1578769	51.573	ng	100
75) Fluoranthene	12.651	202	1563998	48.481	ng	99
77) Benzidine	12.768	184	762858	55.590	ng	99
78) Pyrene	12.880	202	1563568	52.484	ng	100
80) Butylbenzylphthalate	13.498	149	423529	51.685	ng	100
81) Benzo(a)anthracene	14.068	228	1120699	51.691	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	363124	57.021	ng	98
83) Chrysene	14.104	228	990991	50.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	585800	51.638	ng	100
85) Di-n-octyl phthalate	14.680	149	1065626	51.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1313336	53.091	ng	99
88) Benzo(b)fluoranthene	15.127	252	1073096	51.153	ng	100
89) Benzo(k)fluoranthene	15.162	252	967248	50.408	ng	98
90) Benzo(a)pyrene	15.504	252	996599	51.890	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	1073246	53.457	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1069402	52.984	ng	98

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

ICAL Form

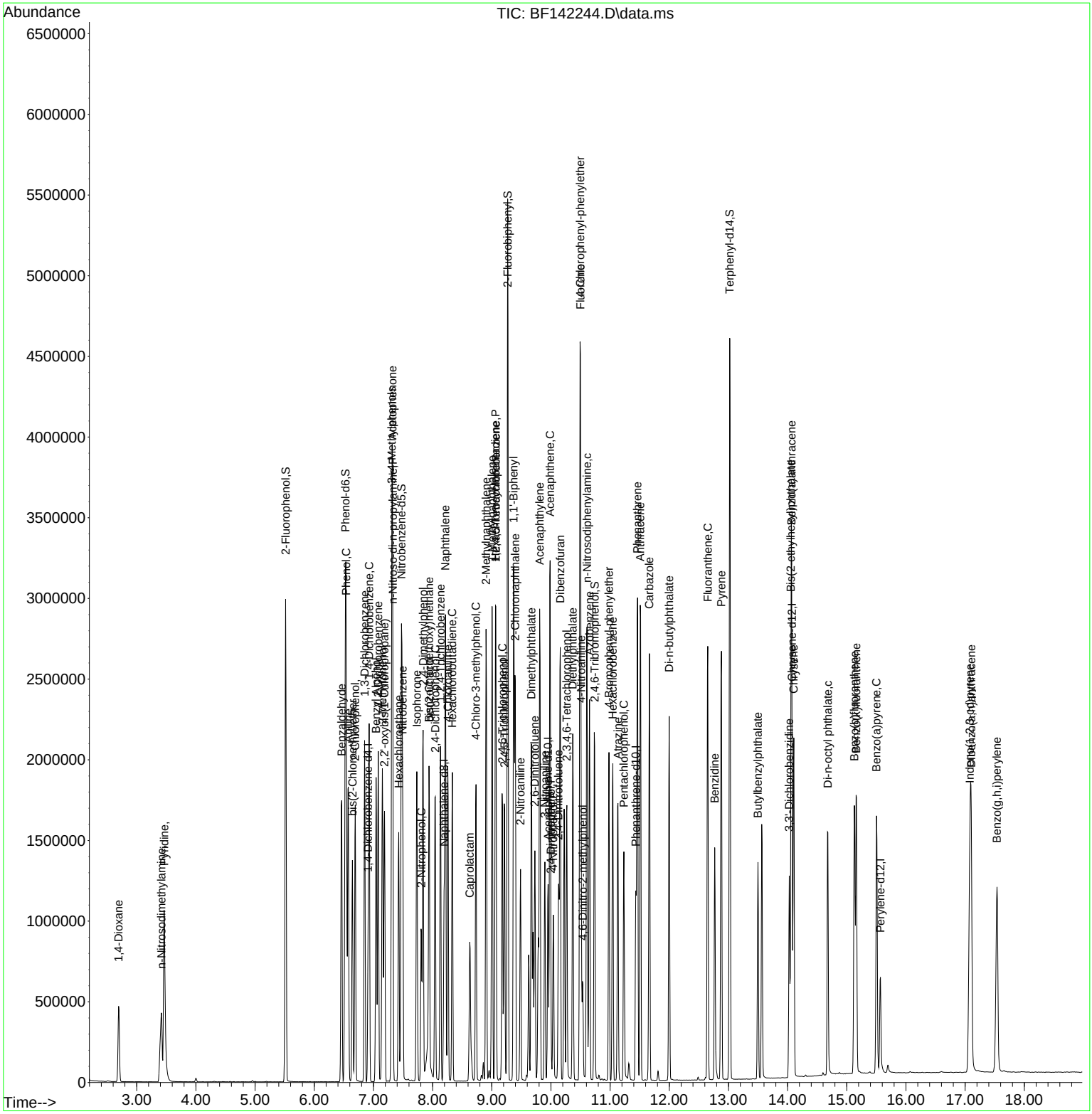
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142244.D
Acq On : 30 Apr 2025 13:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 30 15:43:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187963	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730767	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	379270	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624729	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328990	20.000	ng	0.00
86) Perylene-d12	15.568	264	361305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364962	115.976	ng	0.00
7) Phenol-d6	6.528	99	1663210	117.026	ng	0.00
23) Nitrobenzene-d5	7.475	82	1488103	133.783	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	447862	129.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2777485	103.255	ng	0.00
79) Terphenyl-d14	13.022	244	2546694	112.585	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	312897	59.528	ng	99
3) Pyridine	3.469	79	823442	60.277	ng	98
4) n-Nitrosodimethylamine	3.422	42	431685	61.063	ng	98
6) Aniline	6.575	93	1184649	58.890	ng	100
8) 2-Chlorophenol	6.693	128	740327	60.874	ng	99
9) Benzaldehyde	6.463	77	559766	56.352	ng	98
10) Phenol	6.545	94	903976m	59.085	ng	
11) bis(2-Chloroethyl)ether	6.646	93	693997	58.532	ng	99
12) 1,3-Dichlorobenzene	6.851	146	787463	57.236	ng	99
13) 1,4-Dichlorobenzene	6.928	146	791509	57.102	ng	99
14) 1,2-Dichlorobenzene	7.081	146	764397	57.765	ng	99
15) Benzyl Alcohol	7.045	79	609871	60.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1249716	58.370	ng	100
17) 2-Methylphenol	7.151	107	592171	59.438	ng	99
18) Hexachloroethane	7.428	117	275661	60.761	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	506389	57.660	ng	100
20) 3+4-Methylphenols	7.310	107	730966	58.670	ng	94
22) Acetophenone	7.322	105	943225	55.792	ng	97
24) Nitrobenzene	7.498	77	708847	64.948	ng	99
25) Isophorone	7.734	82	1371824	58.764	ng	100
26) 2-Nitrophenol	7.810	139	299107	61.132	ng	97
27) 2,4-Dimethylphenol	7.840	122	691268	58.731	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	847188	57.543	ng	100
29) 2,4-Dichlorophenol	8.045	162	596890	60.658	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	628720	57.256	ng	100
31) Naphthalene	8.216	128	2026390	55.603	ng	99
32) Benzoic acid	7.951	122	349577	59.198	ng	99
33) 4-Chloroaniline	8.263	127	868158	57.207	ng	99
34) Hexachlorobutadiene	8.334	225	373284	58.266	ng	100
35) Caprolactam	8.639	113	186124	62.928	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	605133	59.887	ng	99
37) 2-Methylnaphthalene	8.904	142	1257822	56.136	ng	99
38) 1-Methylnaphthalene	9.004	142	1294318	55.760	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	607614	56.925	ng	100
41) Hexachlorocyclopentadiene	9.063	237	407387	67.248	ng	100
43) 2,4,6-Trichlorophenol	9.181	196	433323	65.514	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	422145	60.705	ng	98
46) 1,1'-Biphenyl	9.369	154	1632628	55.372	ng	100
47) 2-Chloronaphthalene	9.398	162	1234670	56.283	ng	99
48) 2-Nitroaniline	9.486	65	357897	60.490	ng	99
49) Acenaphthylene	9.810	152	2079452	56.175	ng	99
50) Dimethylphthalate	9.675	163	1395869	57.529	ng	100
51) 2,6-Dinitrotoluene	9.728	165	289353	60.986	ng	98
52) Acenaphthene	9.986	154	1219341	56.414	ng	99
53) 3-Nitroaniline	9.898	138	352271	61.278	ng	97
54) 2,4-Dinitrophenol	9.998	184	86520	61.133	ng	83
55) Dibenzofuran	10.157	168	1798627	55.513	ng	99
56) 4-Nitrophenol	10.045	139	261987	68.694	ng	98
57) 2,4-Dinitrotoluene	10.134	165	352001	60.964	ng	98
58) Fluorene	10.498	166	1348902	54.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	367314	63.765	ng	99
60) Diethylphthalate	10.369	149	1382905	57.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	648920	55.466	ng	97
62) 4-Nitroaniline	10.516	138	319292	61.243	ng	99
63) Azobenzene	10.651	77	1362906	57.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132189	60.646	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1224189	57.351	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	413069	59.371	ng	100
68) Hexachlorobenzene	11.045	284	457317	58.689	ng	99
69) Atrazine	11.133	200	340471	60.513	ng	99
70) Pentachlorophenol	11.233	266	270497	65.710	ng	98
71) Phenanthrene	11.463	178	1864413	55.249	ng	100
72) Anthracene	11.516	178	1920817	55.673	ng	100
73) Carbazole	11.663	167	1751538	55.651	ng	100
74) Di-n-butylphthalate	11.998	149	1852105	58.511	ng	100
75) Fluoranthene	12.651	202	1794425	53.793	ng	98
77) Benzidine	12.769	184	883568	63.206	ng	99
78) Pyrene	12.880	202	1809576	59.627	ng	99
80) Butylbenzylphthalate	13.498	149	516723	61.167	ng	99
81) Benzo(a)anthracene	14.069	228	1299270	58.829	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	444901	68.582	ng	99
83) Chrysene	14.104	228	1181729	58.781	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	712716	61.002	ng	99
85) Di-n-octyl phthalate	14.680	149	1329733	61.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1614650	61.012	ng	100
88) Benzo(b)fluoranthene	15.127	252	1275552	56.836	ng	99
89) Benzo(k)fluoranthene	15.163	252	1202952	58.601	ng	99
90) Benzo(a)pyrene	15.510	252	1232454	59.982	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	1292219	60.163	ng	99
92) Benzo(g,h,i)perylene	17.545	276	1315066	60.904	ng	99

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

ICAL Form

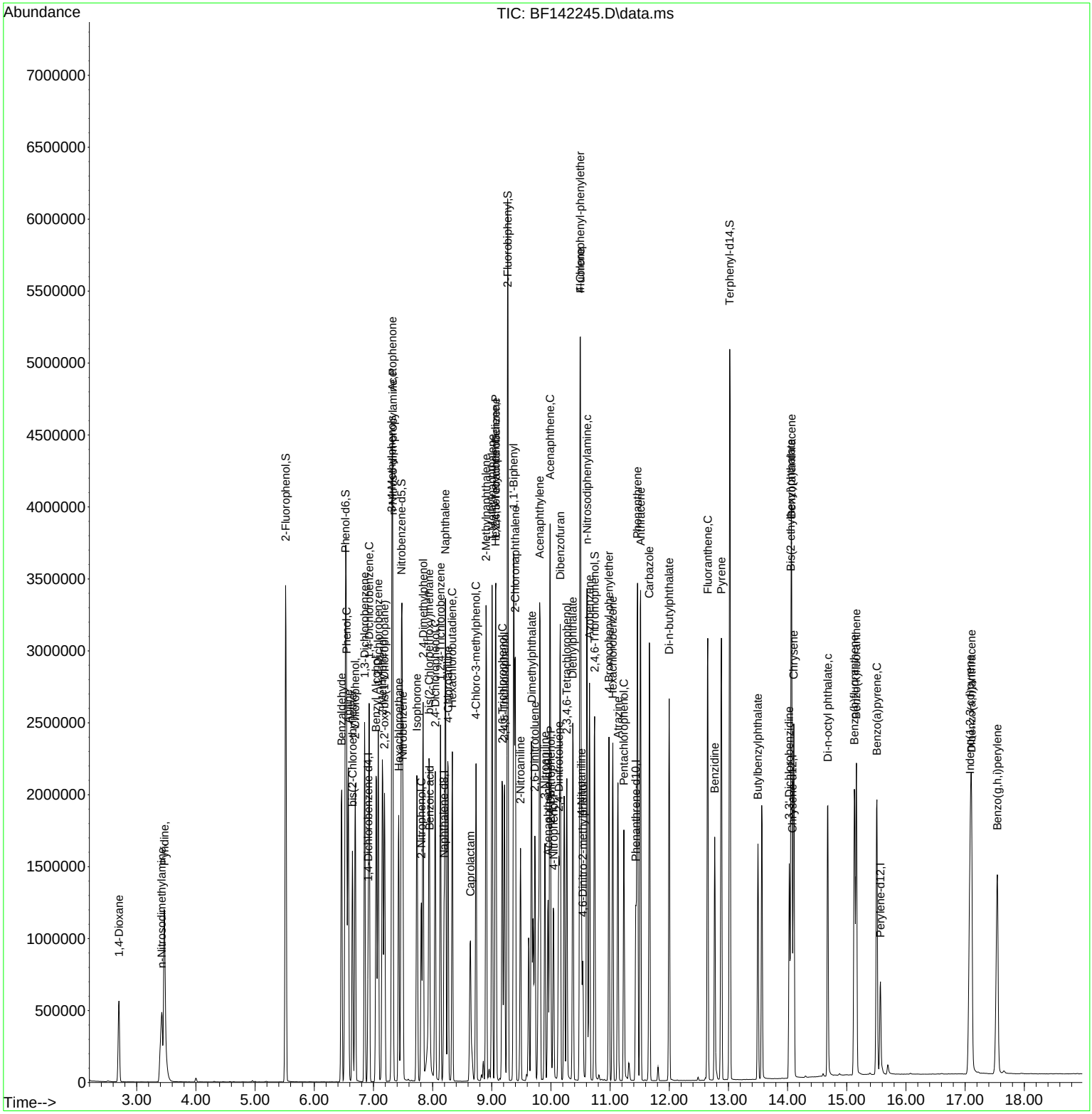
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	192490	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng		0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng		0.00
86) Perylene-d12	15.568	264	374102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng		0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng		0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng		0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng		99
3) Pyridine	3.469	79	1062667	75.959	ng		99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng		98
6) Aniline	6.575	93	1525082	74.030	ng		99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng		99
9) Benzaldehyde	6.463	77	673391	66.197	ng		99
10) Phenol	6.551	94	1130209m	72.134	ng		
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng		99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng		99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng		99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng		99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng		99
17) 2-Methylphenol	7.157	107	757239	74.219	ng		100
18) Hexachloroethane	7.428	117	347325	74.757	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng		99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng	#	87
22) Acetophenone	7.328	105	1180939	69.853	ng		97
24) Nitrobenzene	7.498	77	917286	84.046	ng		100
25) Isophorone	7.739	82	1758014	75.306	ng		99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng		98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng		100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng		99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng		100
31) Naphthalene	8.216	128	2508082	68.820	ng		99
32) Benzoic acid	7.969	122	523215m	83.328	ng		
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng		99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng		100
35) Caprolactam	8.645	113	242414	81.958	ng		97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng		99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng		99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng		99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng		100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng		99
46) 1,1'-Biphenyl	9.375	154	2006955	67.691	ng		99
47) 2-Chloronaphthalene	9.398	162	1547207	70.140	ng		99
48) 2-Nitroaniline	9.486	65	481954	79.390	ng		97
49) Acenaphthylene	9.816	152	2555385	68.650	ng		99
50) Dimethylphthalate	9.675	163	1757977	72.052	ng		99
51) 2,6-Dinitrotoluene	9.733	165	379127	78.246	ng		97
52) Acenaphthene	9.986	154	1517991	69.843	ng		99
53) 3-Nitroaniline	9.904	138	456571	78.061	ng		96
54) 2,4-Dinitrophenol	10.004	184	129817	79.532	ng	#	28
55) Dibenzofuran	10.157	168	2237085	68.664	ng		98
56) 4-Nitrophenol	10.045	139	335015	87.357	ng		97
57) 2,4-Dinitrotoluene	10.133	165	467545	78.915	ng		99
58) Fluorene	10.498	166	1634486	65.980	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng		99
60) Diethylphthalate	10.375	149	1717661	71.292	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng		98
62) 4-Nitroaniline	10.522	138	410928	77.614	ng		98
63) Azobenzene	10.651	77	1674434	70.379	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng		97
68) Hexachlorobenzene	11.045	284	577203	75.999	ng		98
69) Atrazine	11.133	200	423886	77.296	ng		99
70) Pentachlorophenol	11.233	266	350009	87.235	ng		99
71) Phenanthrene	11.463	178	2288481	69.578	ng		99
72) Anthracene	11.516	178	2336551	69.482	ng		100
73) Carbazole	11.663	167	2087769	68.058	ng		99
74) Di-n-butylphthalate	11.998	149	2221417	72.002	ng		100
75) Fluoranthene	12.651	202	2137636	65.747	ng		98
77) Benzidine	12.768	184	1049467	76.247	ng		99
78) Pyrene	12.880	202	2118847	70.910	ng		99
80) Butylbenzylphthalate	13.498	149	659574	78.197	ng		98
81) Benzo(a)anthracene	14.068	228	1586778	72.970	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng		99
83) Chrysene	14.104	228	1474094	74.470	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng		100
85) Di-n-octyl phthalate	14.680	149	1722215	78.594	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng		99
88) Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng		99
89) Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng		100
90) Benzo(a)pyrene	15.509	252	1610193	75.685	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng		99

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

ICAL Form

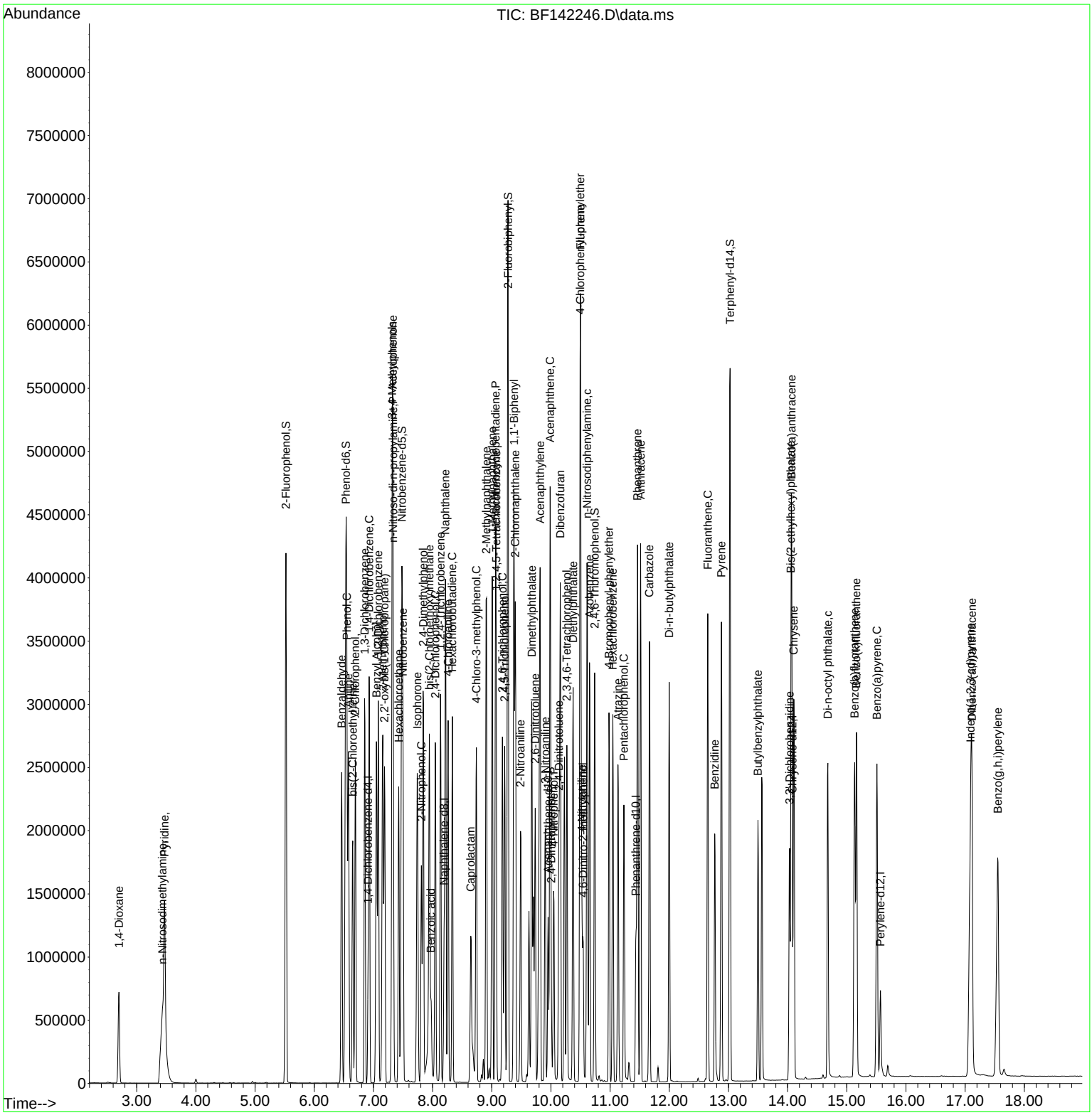
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185327	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725482	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381170	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	633040	20.000	ng	0.00
76) Chrysene-d12	14.074	240	345729	20.000	ng	0.00
86) Perylene-d12	15.562	264	342826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	987704	85.116	ng	0.00
7) Phenol-d6	6.522	99	1201328	85.730	ng	0.00
23) Nitrobenzene-d5	7.469	82	1091522	98.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	323319	93.044	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2157499	79.807	ng	0.00
79) Terphenyl-d14	13.021	244	2037561	85.716	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	219939	42.438	ng	98
3) Pyridine	3.469	79	572034	42.469	ng	99
4) n-Nitrosodimethylamine	3.416	42	299316	42.942	ng	96
6) Aniline	6.569	93	844910	42.598	ng	99
8) 2-Chlorophenol	6.692	128	530021	44.202	ng	98
9) Benzaldehyde	6.457	77	420408	42.925	ng	99
10) Phenol	6.539	94	645155m	42.765	ng	
11) bis(2-Chloroethyl)ether	6.639	93	494843	42.329	ng	98
12) 1,3-Dichlorobenzene	6.851	146	567280	41.819	ng	99
13) 1,4-Dichlorobenzene	6.928	146	572974	41.924	ng	100
14) 1,2-Dichlorobenzene	7.081	146	551216	42.247	ng	99
15) Benzyl Alcohol	7.045	79	431108	43.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	901053	42.684	ng	99
17) 2-Methylphenol	7.151	107	415403	42.288	ng	98
18) Hexachloroethane	7.422	117	197959	44.255	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	363621	41.992	ng	99
20) 3+4-Methylphenols	7.304	107	539514	43.919	ng	98
22) Acetophenone	7.316	105	695539	41.441	ng	98
24) Nitrobenzene	7.492	77	513604	47.402	ng	99
25) Isophorone	7.728	82	968502	41.789	ng	100
26) 2-Nitrophenol	7.804	139	219881	48.175	ng	100
27) 2,4-Dimethylphenol	7.833	122	502502	43.004	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	610669	41.780	ng	99
29) 2,4-Dichlorophenol	8.039	162	429967	44.013	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	454848	41.724	ng	100
31) Naphthalene	8.216	128	1483568	41.005	ng	100
32) Benzoic acid	7.933	122	246172m	45.113	ng	
33) 4-Chloroaniline	8.257	127	622894	41.344	ng	100
34) Hexachlorobutadiene	8.333	225	267940	42.127	ng	99
35) Caprolactam	8.622	113	130473	44.434	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	436215	43.485	ng	100
37) 2-Methylnaphthalene	8.904	142	915474	41.155	ng	100
38) 1-Methylnaphthalene	9.004	142	950163	41.232	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	443561	41.349	ng	100
41) Hexachlorocyclopentadiene	9.057	237	288102	47.321	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	303872	45.713	ng	99

Quantitation Report (QT Reviewed)

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ClientSampleId :
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Supervised By :Jagrut Upadhyay 05/01/2025

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	312237	44.676	ng		99
46) 1,1'-Biphenyl	9.369	154	1213047	40.936	ng		100
47) 2-Chloronaphthalene	9.392	162	903974	41.003	ng		99
48) 2-Nitroaniline	9.480	65	269528	46.523	ng		95
49) Acenaphthylene	9.810	152	1533164	41.211	ng		100
50) Dimethylphthalate	9.669	163	1025498	42.054	ng		100
51) 2,6-Dinitrotoluene	9.727	165	211107	45.376	ng		96
52) Acenaphthene	9.980	154	904325	41.631	ng		99
53) 3-Nitroaniline	9.892	138	257926	45.509	ng		96
54) 2,4-Dinitrophenol	9.992	184	62568	49.090	ng	#	6
55) Dibenzofuran	10.151	168	1340934	41.181	ng		100
56) 4-Nitrophenol	10.033	139	191463	49.952	ng		99
57) 2,4-Dinitrotoluene	10.127	165	265412	46.994	ng		96
58) Fluorene	10.492	166	1008032	40.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	264709	45.724	ng		100
60) Diethylphthalate	10.369	149	1016722	42.222	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	477688	40.626	ng		99
62) 4-Nitroaniline	10.504	138	232165	45.070	ng		98
63) Azobenzene	10.645	77	984443	41.400	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	96341	46.598	ng		95
66) n-Nitrosodiphenylamine	10.604	169	904466	41.816	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	299605	42.497	ng		98
68) Hexachlorobenzene	11.039	284	330048	41.800	ng		97
69) Atrazine	11.127	200	255030	44.732	ng		99
70) Pentachlorophenol	11.233	266	197476	47.342	ng		99
71) Phenanthrene	11.457	178	1400439	40.955	ng		100
72) Anthracene	11.510	178	1463247	41.854	ng		100
73) Carbazole	11.663	167	1332856	41.793	ng		99
74) Di-n-butylphthalate	11.992	149	1412919	44.051	ng		100
75) Fluoranthene	12.645	202	1409189	41.690	ng		99
77) Benzidine	12.768	184	682155	46.435	ng		99
78) Pyrene	12.874	202	1405875	44.082	ng		100
80) Butylbenzylphthalate	13.492	149	371146	42.984	ng		98
81) Benzo(a)anthracene	14.062	228	960484	41.383	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	310153	45.495	ng		98
83) Chrysene	14.098	228	890671	42.158	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	487122	40.882	ng		99
85) Di-n-octyl phthalate	14.674	149	889844	41.178	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1098774	43.757	ng		99
88) Benzo(b)fluoranthene	15.121	252	860370	40.403	ng		100
89) Benzo(k)fluoranthene	15.157	252	811540	41.665	ng		99
90) Benzo(a)pyrene	15.498	252	826250	42.380	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	887855	43.565	ng		99
92) Benzo(g,h,i)perylene	17.527	276	899474	43.902	ng		99

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

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QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
ICVBF043025

Manual Integrations APPROVED

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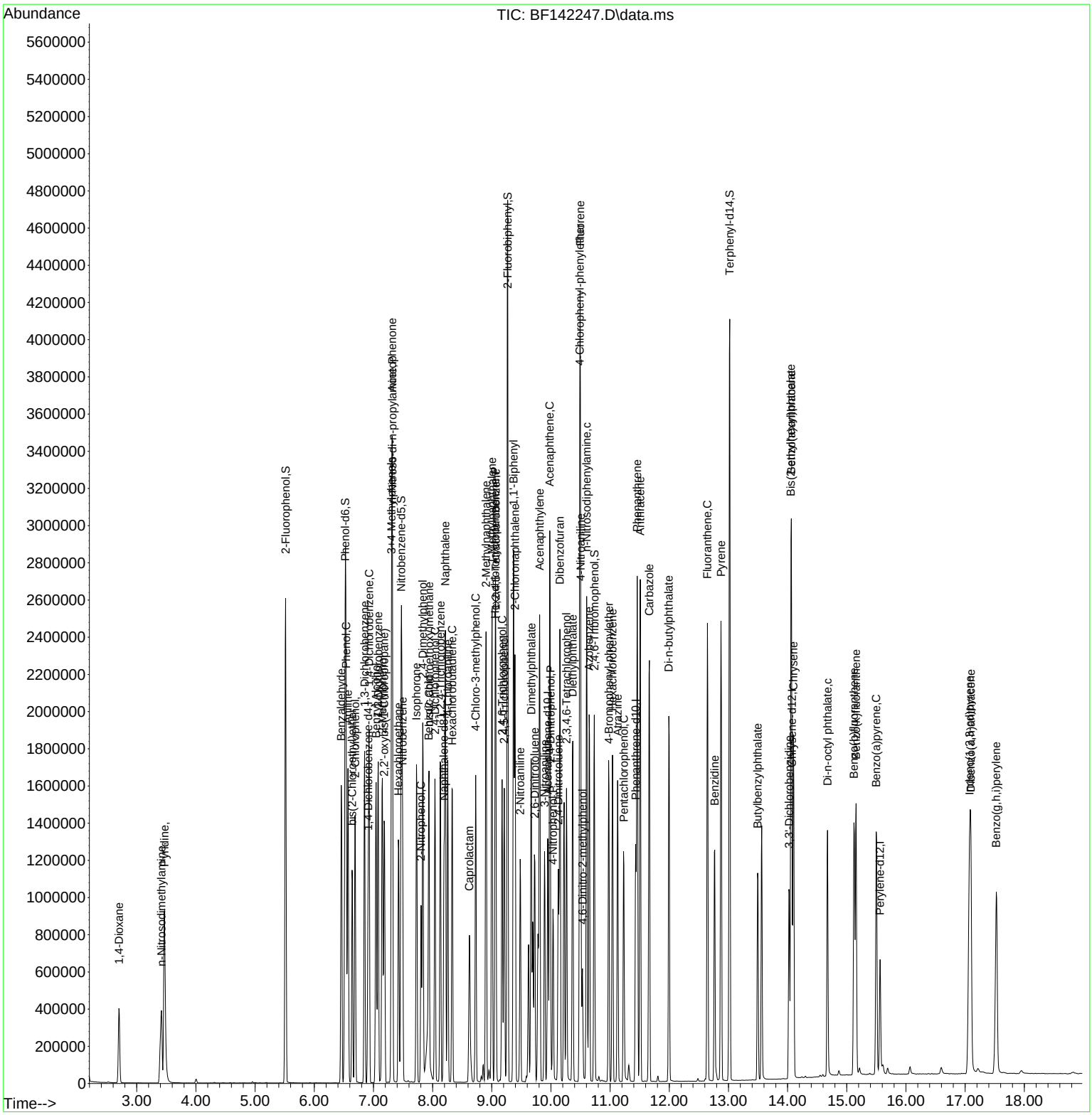
Supervised By :Jagrut Upadhyay 05/01/2025



Evaluate Continuing Calibration Report

ICAL Form

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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	103	0.00
2		1,4-Dioxane	0.559	0.593	-6.1	103	0.00
3		Pyridine	1.454	1.543	-6.1	104	0.00
4		n-Nitrosodimethylamine	0.752	0.808	-7.4	103	0.00
5	S	2-Fluorophenol	1.252	1.332	-6.4	104	0.00
6		Aniline	2.140	2.280	-6.5	105	0.00
7	S	Phenol-d6	1.512	1.621	-7.2	105	0.00
8		2-Chlorophenol	1.294	1.430	-10.5	107	0.00
9		Benzaldehyde	1.057	1.134	-7.3	105	0.00
10	C	Phenol	1.628	1.741	-6.9	105	0.00
11		bis(2-Chloroethyl)ether	1.262	1.335	-5.8	104	0.00
12		1,3-Dichlorobenzene	1.464	1.530	-4.5	103	0.00
13	C	1,4-Dichlorobenzene	1.475	1.546	-4.8	103	0.00
14		1,2-Dichlorobenzene	1.408	1.487	-5.6	104	0.00
15		Benzyl Alcohol	1.073	1.163	-8.4	104	0.00
16		2,2'-oxybis(1-Chloropropane	2.278	2.431	-6.7	105	0.00
17		2-Methylphenol	1.060	1.121	-5.8	103	0.00
18		Hexachloroethane	0.483	0.534	-10.6	108	0.00
19	P	n-Nitroso-di-n-propylamine	0.934	0.981	-5.0	104	0.00
20		3+4-Methylphenols	1.326	1.456	-9.8	107	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22		Acetophenone	0.463	0.479	-3.5	105	0.00
23	S	Nitrobenzene-d5	0.304	0.376	-23.7	114	0.00
24		Nitrobenzene	0.299	0.354	-18.4	111	0.00
25		Isophorone	0.639	0.667	-4.4	104	0.00
26	C	2-Nitrophenol	0.102	0.152	-49.0#	135	0.00
27		2,4-Dimethylphenol	0.322	0.346	-7.5	106	0.00
28		bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	104	0.00
29	C	2,4-Dichlorophenol	0.269	0.296	-10.0	105	0.00
30		1,2,4-Trichlorobenzene	0.301	0.313	-4.0	103	0.00
31		Naphthalene	0.997	1.022	-2.5	103	0.00
32		Benzoic acid	0.125	0.170	-36.0#	134	0.00
33		4-Chloroaniline	0.415	0.429	-3.4	103	0.00
34	C	Hexachlorobutadiene	0.175	0.185	-5.7	103	0.00
35		Caprolactam	0.081	0.090	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.277	0.301	-8.7	105	0.00
37		2-Methylnaphthalene	0.613	0.631	-2.9	104	0.00
38		1-Methylnaphthalene	0.635	0.655	-3.1	103	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.563	0.582	-3.4	104	0.00
41	P	Hexachlorocyclopentadiene	0.319	0.378	-18.5	110	0.00
42	S	2,4,6-Tribromophenol	0.182	0.212	-16.5	107	0.00
43	C	2,4,6-Trichlorophenol	0.349	0.399	-14.3	111	0.00
44		2,4,5-Trichlorophenol	0.367	0.410	-11.7	104	0.00
45	S	2-Fluorobiphenyl	1.418	1.415	0.2	103	0.00
46		1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47		2-Chloronaphthalene	1.157	1.186	-2.5	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
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Instrument :
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ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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	0.249	0.354	-42.2#	123	0.00
49		Acenaphthylene	1.952	2.011	-3.0	103	0.00
50		Dimethylphthalate	1.280	1.345	-5.1	105	0.00
51		2,6-Dinitrotoluene	0.204	0.277	-35.8#	118	0.00
52	C	Acenaphthene	1.140	1.186	-4.0	104	0.00
53		3-Nitroaniline	0.257	0.338	-31.5#	117	0.00
54	P	2,4-Dinitrophenol	0.058	0.082	-41.4#	148	0.00
55		Dibenzofuran	1.709	1.759	-2.9	104	0.00
56	P	4-Nitrophenol	0.201	0.251	-24.9	120	0.00
57		2,4-Dinitrotoluene	0.239	0.348	-45.6#	126	0.00
58		Fluorene	1.299	1.322	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	0.304	0.347	-14.1	107	0.00
60		Diethylphthalate	1.263	1.334	-5.6	104	0.00
61		4-Chlorophenyl-phenylether	0.617	0.627	-1.6	102	0.00
62		4-Nitroaniline	0.238	0.305	-28.2#	115	0.00
63		Azobenzene	1.248	1.291	-3.4	104	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	0.054	0.076	-40.7#	142	0.00
66	c	n-Nitrosodiphenylamine	0.683	0.714	-4.5	103	0.00
67		4-Bromophenyl-phenylether	0.223	0.237	-6.3	103	0.00
68		Hexachlorobenzene	0.249	0.261	-4.8	103	0.00
69		Atrazine	0.180	0.201	-11.7	109	0.00
70	C	Pentachlorophenol	0.132	0.156	-18.2	111	0.00
71		Phenanthrene	1.080	1.106	-2.4	102	0.00
72		Anthracene	1.105	1.156	-4.6	105	0.00
73		Carbazole	1.008	1.053	-4.5	105	0.00
74		Di-n-butylphthalate	1.013	1.116	-10.2	107	0.00
75	C	Fluoranthene	1.068	1.113	-4.2	105	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77		Benzidine	0.850	0.987	-16.1	107	0.00
78		Pyrene	1.845	2.033	-10.2	105	0.00
79	S	Terphenyl-d14	1.375	1.473	-7.1	104	0.00
80		Butylbenzylphthalate	0.425	0.537	-26.4#	111	0.00
81		Benzo(a)anthracene	1.343	1.389	-3.4	101	0.00
82		3,3'-Dichlorobenzidine	0.394	0.449	-14.0	106	0.00
83		Chrysene	1.222	1.288	-5.4	109	0.00
84		Bis(2-ethylhexyl)phthalate	0.604	0.704	-16.6	106	0.00
85	c	Di-n-octyl phthalate	1.133	1.287	-13.6	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	1.465	1.603	-9.4	104	0.00
88		Benzo(b)fluoranthene	1.242	1.255	-1.0	101	0.00
89		Benzo(k)fluoranthene	1.136	1.184	-4.2	108	0.00
90	C	Benzo(a)pyrene	1.137	1.205	-6.0	105	0.00
91		Dibenzo(a,h)anthracene	1.189	1.295	-8.9	103	0.00
92		Benzo(g,h,i)perylene	1.195	1.312	-9.8	105	-0.01

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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 = 1

Evaluate Continuing Calibration Report

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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	103	0.00
2		1,4-Dioxane	40.000	42.438	-6.1	103	0.00
3		Pyridine	40.000	42.469	-6.2	104	0.00
4		n-Nitrosodimethylamine	40.000	42.942	-7.4	103	0.00
5	S	2-Fluorophenol	80.000	85.116	-6.4	104	0.00
6		Aniline	40.000	42.598	-6.5	105	0.00
7	S	Phenol-d6	80.000	85.730	-7.2	105	0.00
8		2-Chlorophenol	40.000	44.202	-10.5	107	0.00
9		Benzaldehyde	40.000	42.925	-7.3	105	0.00
10	C	Phenol	40.000	42.765	-6.9	105	0.00
11		bis(2-Chloroethyl)ether	40.000	42.329	-5.8	104	0.00
12		1,3-Dichlorobenzene	40.000	41.819	-4.5	103	0.00
13	C	1,4-Dichlorobenzene	40.000	41.924	-4.8	103	0.00
14		1,2-Dichlorobenzene	40.000	42.247	-5.6	104	0.00
15		Benzyl Alcohol	40.000	43.378	-8.4	104	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.684	-6.7	105	0.00
17		2-Methylphenol	40.000	42.288	-5.7	103	0.00
18		Hexachloroethane	40.000	44.255	-10.6	108	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.992	-5.0	104	0.00
20		3+4-Methylphenols	40.000	43.919	-9.8	107	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22		Acetophenone	40.000	41.441	-3.6	105	0.00
23	S	Nitrobenzene-d5	80.000	98.845	-23.6	114	0.00
24		Nitrobenzene	40.000	47.402	-18.5	111	0.00
25		Isophorone	40.000	41.789	-4.5	104	0.00
26	C	2-Nitrophenol	40.000	48.175	-20.4#	135	0.00
27		2,4-Dimethylphenol	40.000	43.004	-7.5	106	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.780	-4.5	104	0.00
29	C	2,4-Dichlorophenol	40.000	44.013	-10.0	105	0.00
30		1,2,4-Trichlorobenzene	40.000	41.724	-4.3	103	0.00
31		Naphthalene	40.000	41.005	-2.5	103	0.00
32		Benzoic acid	40.000	45.113	-12.8	134	0.00
33		4-Chloroaniline	40.000	41.344	-3.4	103	0.00
34	C	Hexachlorobutadiene	40.000	42.127	-5.3	103	0.00
35		Caprolactam	40.000	44.434	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.485	-8.7	105	0.00
37		2-Methylnaphthalene	40.000	41.155	-2.9	104	0.00
38		1-Methylnaphthalene	40.000	41.232	-3.1	103	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.349	-3.4	104	0.00
41	P	Hexachlorocyclopentadiene	40.000	47.321	-18.3	110	0.00
42	S	2,4,6-Tribromophenol	80.000	93.044	-16.3	107	0.00
43	C	2,4,6-Trichlorophenol	40.000	45.713	-14.3	111	0.00
44		2,4,5-Trichlorophenol	40.000	44.676	-11.7	104	0.00
45	S	2-Fluorobiphenyl	80.000	79.807	0.2	103	0.00
46		1,1'-Biphenyl	40.000	40.936	-2.3	103	0.00
47		2-Chloronaphthalene	40.000	41.003	-2.5	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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	46.523	-16.3	123	0.00
49		Acenaphthylene	40.000	41.211	-3.0	103	0.00
50		Dimethylphthalate	40.000	42.054	-5.1	105	0.00
51		2,6-Dinitrotoluene	40.000	45.376	-13.4	118	0.00
52	C	Acenaphthene	40.000	41.631	-4.1	104	0.00
53		3-Nitroaniline	40.000	45.509	-13.8	117	0.00
54	P	2,4-Dinitrophenol	40.000	49.090	-22.7	148	0.00
55		Dibenzofuran	40.000	41.181	-3.0	104	0.00
56	P	4-Nitrophenol	40.000	49.952	-24.9	120	0.00
57		2,4-Dinitrotoluene	40.000	46.994	-17.5	126	0.00
58		Fluorene	40.000	40.714	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.724	-14.3	107	0.00
60		Diethylphthalate	40.000	42.222	-5.6	104	0.00
61		4-Chlorophenyl-phenylether	40.000	40.626	-1.6	102	0.00
62		4-Nitroaniline	40.000	45.070	-12.7	115	0.00
63		Azobenzene	40.000	41.400	-3.5	104	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.598	-16.5	142	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.816	-4.5	103	0.00
67		4-Bromophenyl-phenylether	40.000	42.497	-6.2	103	0.00
68		Hexachlorobenzene	40.000	41.800	-4.5	103	0.00
69		Atrazine	40.000	44.732	-11.8	109	0.00
70	C	Pentachlorophenol	40.000	47.342	-18.4	111	0.00
71		Phenanthrene	40.000	40.955	-2.4	102	0.00
72		Anthracene	40.000	41.854	-4.6	105	0.00
73		Carbazole	40.000	41.793	-4.5	105	0.00
74		Di-n-butylphthalate	40.000	44.051	-10.1	107	0.00
75	C	Fluoranthene	40.000	41.690	-4.2	105	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77		Benzidine	40.000	46.435	-16.1	107	0.00
78		Pyrene	40.000	44.082	-10.2	105	0.00
79	S	Terphenyl-d14	80.000	85.716	-7.1	104	0.00
80		Butylbenzylphthalate	40.000	42.984	-7.5	111	0.00
81		Benzo(a)anthracene	40.000	41.383	-3.5	101	0.00
82		3,3'-Dichlorobenzidine	40.000	45.495	-13.7	106	0.00
83		Chrysene	40.000	42.158	-5.4	109	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.882	-2.2	106	0.00
85	c	Di-n-octyl phthalate	40.000	41.178	-2.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.757	-9.4	104	0.00
88		Benzo(b)fluoranthene	40.000	40.403	-1.0	101	0.00
89		Benzo(k)fluoranthene	40.000	41.665	-4.2	108	0.00
90	C	Benzo(a)pyrene	40.000	42.380	-6.0	105	0.00
91		Dibenzo(a,h)anthracene	40.000	43.565	-8.9	103	0.00
92		Benzo(g,h,i)perylene	40.000	43.902	-9.8	105	-0.01

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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 = 1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1890 SAS No.: Q1890 SDG No.: Q1890

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
Phenol	1.628	1.656		1.7	20.0
1,4-Dichlorobenzene	1.475	1.526		3.5	20.0
Nitrobenzene-d5	0.304	0.333		9.5	
1,2,4-Trichlorobenzene	0.301	0.315		4.7	
Naphthalene	0.997	1.030		3.3	
2-Fluorobiphenyl	1.418	1.409		-0.6	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Terphenyl-d14	1.375	1.422		3.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	617909m	40.684	ng	
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	168727m	34.514	ng	
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

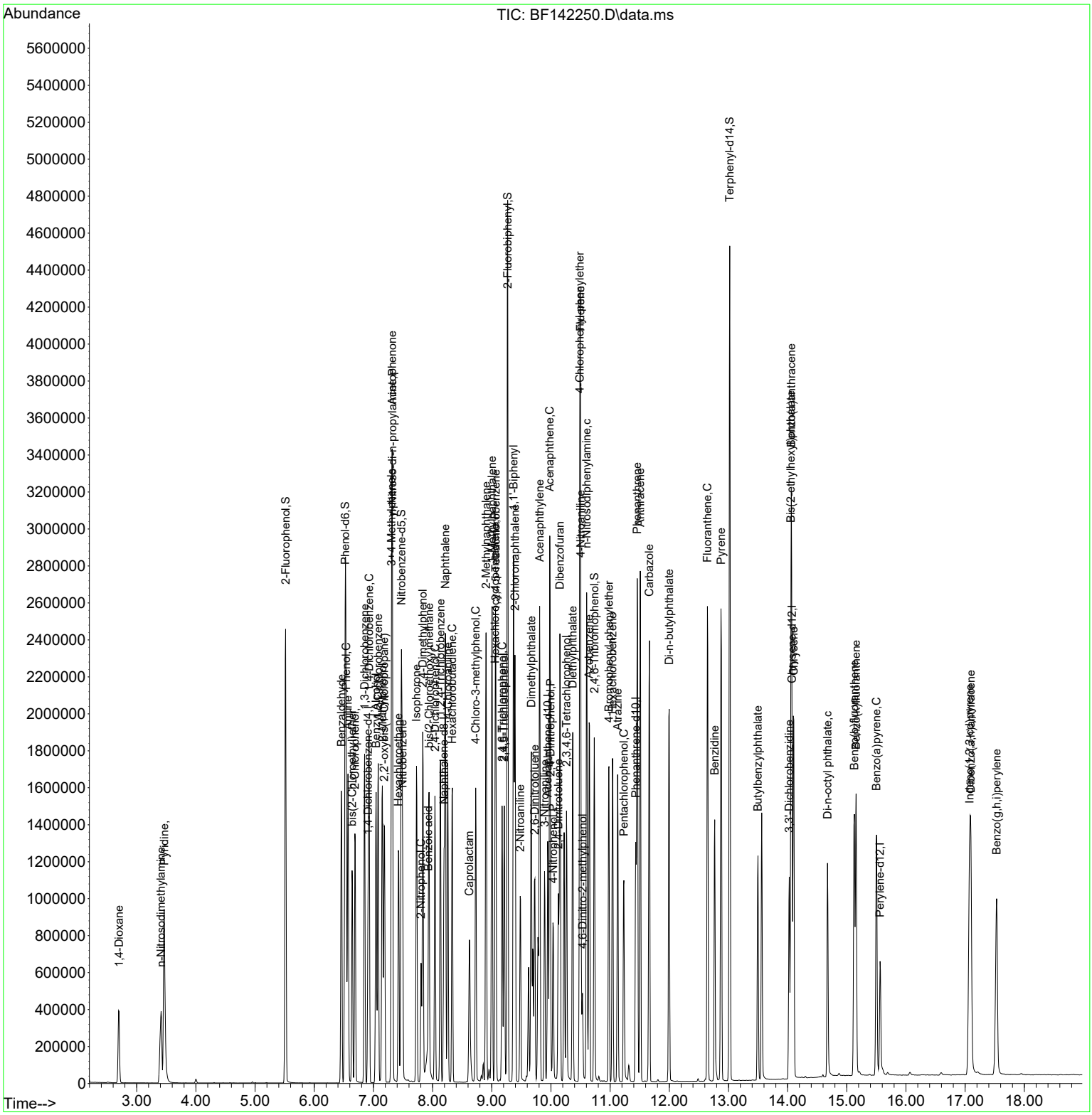
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	294308	42.108	ng		99
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng		99
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng		99
48) 2-Nitroaniline	9.480	65	211351	37.508	ng		97
49) Acenaphthylene	9.810	152	1521943	40.906	ng		100
50) Dimethylphthalate	9.669	163	1026519	42.093	ng		100
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng		98
52) Acenaphthene	9.980	154	903201	41.576	ng		100
53) 3-Nitroaniline	9.892	138	225294	40.152	ng		100
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	#	1
55) Dibenzofuran	10.151	168	1350916	41.484	ng		99
56) 4-Nitrophenol	10.039	139	159868	41.706	ng		98
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng		99
58) Fluorene	10.498	166	1007989	40.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng		99
60) Diethylphthalate	10.369	149	1030685	42.799	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng		99
62) 4-Nitroaniline	10.504	138	215440	42.018	ng		98
63) Azobenzene	10.645	77	996298	41.895	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng		99
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng		99
68) Hexachlorobenzene	11.039	284	332960	41.207	ng		94
69) Atrazine	11.127	200	264074	45.262	ng		100
70) Pentachlorophenol	11.233	266	177109	41.491	ng		99
71) Phenanthrene	11.457	178	1446110	41.326	ng		100
72) Anthracene	11.510	178	1479001	41.339	ng		100
73) Carbazole	11.663	167	1352106	41.429	ng		100
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng		100
75) Fluoranthene	12.645	202	1485579	42.947	ng		100
77) Benzidine	12.769	184	754042	46.160	ng		99
78) Pyrene	12.874	202	1490017	42.016	ng		100
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng		98
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng		100
83) Chrysene	14.104	228	997135	42.445	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng		100
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng		100
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng		99
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng		99
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng		99
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



Sample Results: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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	104	0.00
2		1,4-Dioxane	0.559	0.579	-3.6	101	0.00
3		Pyridine	1.454	1.532	-5.4	104	0.00
4		n-Nitrosodimethylamine	0.752	0.798	-6.1	103	0.00
5	S	2-Fluorophenol	1.252	1.250	0.2	99	0.00
6		Aniline	2.140	2.225	-4.0	103	0.00
7	S	Phenol-d6	1.512	1.575	-4.2	102	0.00
8		2-Chlorophenol	1.294	1.275	1.5	96	0.00
9		Benzaldehyde	1.057	1.122	-6.1	104	0.00
10	C	Phenol	1.628	1.656	-1.7	100	0.00
11		bis(2-Chloroethyl)ether	1.262	1.326	-5.1	104	0.00
12		1,3-Dichlorobenzene	1.464	1.519	-3.8	103	0.00
13	C	1,4-Dichlorobenzene	1.475	1.526	-3.5	102	0.00
14		1,2-Dichlorobenzene	1.408	1.474	-4.7	104	0.00
15		Benzyl Alcohol	1.073	1.102	-2.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	2.278	2.385	-4.7	104	0.00
17		2-Methylphenol	1.060	1.103	-4.1	102	0.00
18		Hexachloroethane	0.483	0.505	-4.6	103	0.00
19	P	n-Nitroso-di-n-propylamine	0.934	0.954	-2.1	102	0.00
20		3+4-Methylphenols	1.326	1.404	-5.9	104	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.463	0.480	-3.7	104	0.00
23	S	Nitrobenzene-d5	0.304	0.333	-9.5	100	0.00
24		Nitrobenzene	0.299	0.320	-7.0	100	0.00
25		Isophorone	0.639	0.672	-5.2	104	0.00
26	C	2-Nitrophenol	0.102	0.098	3.9	86	0.00
27		2,4-Dimethylphenol	0.322	0.337	-4.7	102	0.00
28		bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	103	0.00
29	C	2,4-Dichlorophenol	0.269	0.285	-5.9	100	0.00
30		1,2,4-Trichlorobenzene	0.301	0.315	-4.7	103	0.00
31		Naphthalene	0.997	1.030	-3.3	103	0.00
32		Benzoic acid	0.125	0.117	6.4	92	0.00
33		4-Chloroaniline	0.415	0.433	-4.3	103	0.00
34	C	Hexachlorobutadiene	0.175	0.186	-6.3	103	0.00
35		Caprolactam	0.081	0.090	-11.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.277	0.300	-8.3	103	0.00
37		2-Methylnaphthalene	0.613	0.635	-3.6	104	0.00
38		1-Methylnaphthalene	0.635	0.661	-4.1	103	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.563	0.572	-1.6	102	0.00
41	P	Hexachlorocyclopentadiene	0.319	0.316	0.9	92	0.00
42	S	2,4,6-Tribromophenol	0.182	0.196	-7.7	99	0.00
43	C	2,4,6-Trichlorophenol	0.349	0.354	-1.4	98	0.00
44		2,4,5-Trichlorophenol	0.367	0.386	-5.2	98	0.00
45	S	2-Fluorobiphenyl	1.418	1.409	0.6	103	0.00
46		1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47		2-Chloronaphthalene	1.157	1.176	-1.6	102	0.00

Sample Results: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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	0.249	0.277	-11.2	97	0.00
49		Acenaphthylene	1.952	1.996	-2.3	103	0.00
50		Dimethylphthalate	1.280	1.346	-5.2	105	0.00
51		2,6-Dinitrotoluene	0.204	0.231	-13.2	98	0.00
52	C	Acenaphthene	1.140	1.185	-3.9	104	0.00
53		3-Nitroaniline	0.257	0.296	-15.2	102	0.00
54	P	2,4-Dinitrophenol	0.058	0.056	3.4	101	0.00
55		Dibenzofuran	1.709	1.772	-3.7	104	0.00
56	P	4-Nitrophenol	0.201	0.210	-4.5	100	0.00
57		2,4-Dinitrotoluene	0.239	0.289	-20.9	104	0.00
58		Fluorene	1.299	1.322	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	0.304	0.323	-6.3	99	0.00
60		Diethylphthalate	1.263	1.352	-7.0	106	0.00
61		4-Chlorophenyl-phenylether	0.617	0.638	-3.4	104	0.00
62		4-Nitroaniline	0.238	0.283	-18.9	107	0.00
63		Azobenzene	1.248	1.307	-4.7	105	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.054	0.053	1.9	102	0.00
66	c	n-Nitrosodiphenylamine	0.683	0.706	-3.4	104	0.00
67		4-Bromophenyl-phenylether	0.223	0.235	-5.4	105	0.00
68		Hexachlorobenzene	0.249	0.257	-3.2	104	0.00
69		Atrazine	0.180	0.204	-13.3	112	0.00
70	C	Pentachlorophenol	0.132	0.137	-3.8	100	0.00
71		Phenanthrene	1.080	1.116	-3.3	105	0.00
72		Anthracene	1.105	1.142	-3.3	106	0.00
73		Carbazole	1.008	1.044	-3.6	106	0.00
74		Di-n-butylphthalate	1.013	1.137	-12.2	112	0.00
75	C	Fluoranthene	1.068	1.147	-7.4	111	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77		Benzidine	0.850	0.981	-15.4	118	0.00
78		Pyrene	1.845	1.938	-5.0	111	0.00
79	S	Terphenyl-d14	1.375	1.422	-3.4	111	0.00
80		Butylbenzylphthalate	0.425	0.502	-18.1	115	0.00
81		Benzo(a)anthracene	1.343	1.378	-2.6	111	0.00
82		3,3'-Dichlorobenzidine	0.394	0.420	-6.6	110	0.00
83		Chrysene	1.222	1.297	-6.1	122	0.00
84		Bis(2-ethylhexyl)phthalate	0.604	0.621	-2.8	104	0.00
85	c	Di-n-octyl phthalate	1.133	1.018	10.2	94	0.00
86	I	Perylene-d12	1.000	1.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	1.465	1.533	-4.6	101	0.00
88		Benzo(b)fluoranthene	1.242	1.242	0.0	101	0.00
89		Benzo(k)fluoranthene	1.136	1.240	-9.2	115	0.00
90	C	Benzo(a)pyrene	1.137	1.193	-4.9	105	0.00
91		Dibenzo(a,h)anthracene	1.189	1.258	-5.8	102	0.00
92		Benzo(g,h,i)perylene	1.195	1.250	-4.6	102	0.00

Sample Results: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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	104	0.00
2		1,4-Dioxane	40.000	41.429	-3.6	101	0.00
3		Pyridine	40.000	42.158	-5.4	104	0.00
4		n-Nitrosodimethylamine	40.000	42.418	-6.0	103	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	99	0.00
6		Aniline	40.000	41.579	-3.9	103	0.00
7	S	Phenol-d6	80.000	83.296	-4.1	102	0.00
8		2-Chlorophenol	40.000	39.409	1.5	96	0.00
9		Benzaldehyde	40.000	42.464	-6.2	104	0.00
10	C	Phenol	40.000	40.684	-1.7	100	0.00
11		bis(2-Chloroethyl)ether	40.000	42.030	-5.1	104	0.00
12		1,3-Dichlorobenzene	40.000	41.505	-3.8	103	0.00
13	C	1,4-Dichlorobenzene	40.000	41.388	-3.5	102	0.00
14		1,2-Dichlorobenzene	40.000	41.885	-4.7	104	0.00
15		Benzyl Alcohol	40.000	41.095	-2.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.870	-4.7	104	0.00
17		2-Methylphenol	40.000	41.610	-4.0	102	0.00
18		Hexachloroethane	40.000	41.867	-4.7	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.842	-2.1	102	0.00
20		3+4-Methylphenols	40.000	42.351	-5.9	104	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	41.462	-3.7	104	0.00
23	S	Nitrobenzene-d5	80.000	87.469	-9.3	100	0.00
24		Nitrobenzene	40.000	42.902	-7.3	100	0.00
25		Isophorone	40.000	42.059	-5.1	104	0.00
26	C	2-Nitrophenol	40.000	34.044	14.9	86	0.00
27		2,4-Dimethylphenol	40.000	41.898	-4.7	102	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.820	-4.6	103	0.00
29	C	2,4-Dichlorophenol	40.000	42.280	-5.7	100	0.00
30		1,2,4-Trichlorobenzene	40.000	41.910	-4.8	103	0.00
31		Naphthalene	40.000	41.304	-3.3	103	0.00
32		Benzoic acid	40.000	34.514	13.7	92	0.00
33		4-Chloroaniline	40.000	41.683	-4.2	103	0.00
34	C	Hexachlorobutadiene	40.000	42.382	-6.0	103	0.00
35		Caprolactam	40.000	44.410	-11.0	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.337	-8.3	103	0.00
37		2-Methylnaphthalene	40.000	41.414	-3.5	104	0.00
38		1-Methylnaphthalene	40.000	41.597	-4.0	103	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.641	-1.6	102	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.605	1.0	92	0.00
42	S	2,4,6-Tribromophenol	80.000	85.983	-7.5	99	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	98	0.00
44		2,4,5-Trichlorophenol	40.000	42.108	-5.3	98	0.00
45	S	2-Fluorobiphenyl	80.000	79.446	0.7	103	0.00
46		1,1'-Biphenyl	40.000	40.922	-2.3	103	0.00
47		2-Chloronaphthalene	40.000	40.663	-1.7	102	0.00

Sample Results: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	37.508	6.2	97	0.00
49		Acenaphthylene	40.000	40.906	-2.3	103	0.00
50		Dimethylphthalate	40.000	42.093	-5.2	105	0.00
51		2,6-Dinitrotoluene	40.000	38.527	3.7	98	0.00
52	C	Acenaphthene	40.000	41.576	-3.9	104	0.00
53		3-Nitroaniline	40.000	40.152	-0.4	102	0.00
54	P	2,4-Dinitrophenol	40.000	37.926	5.2	101	0.00
55		Dibenzofuran	40.000	41.484	-3.7	104	0.00
56	P	4-Nitrophenol	40.000	41.706	-4.3	100	0.00
57		2,4-Dinitrotoluene	40.000	39.850	0.4	104	0.00
58		Fluorene	40.000	40.709	-1.8	103	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.475	-6.2	99	0.00
60		Diethylphthalate	40.000	42.799	-7.0	106	0.00
61		4-Chlorophenyl-phenylether	40.000	41.333	-3.3	104	0.00
62		4-Nitroaniline	40.000	42.018	-5.0	107	0.00
63		Azobenzene	40.000	41.895	-4.7	105	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	35.905	10.2	102	0.00
66	c	n-Nitrosodiphenylamine	40.000	41.322	-3.3	104	0.00
67		4-Bromophenyl-phenylether	40.000	42.258	-5.6	105	0.00
68		Hexachlorobenzene	40.000	41.207	-3.0	104	0.00
69		Atrazine	40.000	45.262	-13.2	112	0.00
70	C	Pentachlorophenol	40.000	41.491	-3.7	100	0.00
71		Phenanthrene	40.000	41.326	-3.3	105	0.00
72		Anthracene	40.000	41.339	-3.3	106	0.00
73		Carbazole	40.000	41.429	-3.6	106	0.00
74		Di-n-butylphthalate	40.000	44.864	-12.2	112	0.00
75	C	Fluoranthene	40.000	42.947	-7.4	111	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77		Benzidine	40.000	46.160	-15.4	118	0.00
78		Pyrene	40.000	42.016	-5.0	111	0.00
79	S	Terphenyl-d14	80.000	82.722	-3.4	111	0.00
80		Butylbenzylphthalate	40.000	40.417	-1.0	115	0.00
81		Benzo(a)anthracene	40.000	41.049	-2.6	111	0.00
82		3,3'-Dichlorobenzidine	40.000	42.615	-6.5	110	0.00
83		Chrysene	40.000	42.445	-6.1	122	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	36.467	8.8	104	0.00
85	c	Di-n-octyl phthalate	40.000	33.845	15.4	94	0.00
86	I	Perylene-d12	20.000	20.000	0.0	106	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.864	-4.7	101	0.00
88		Benzo(b)fluoranthene	40.000	39.998	0.0	101	0.00
89		Benzo(k)fluoranthene	40.000	43.643	-9.1	115	0.00
90	C	Benzo(a)pyrene	40.000	41.969	-4.9	105	0.00
91		Dibenzo(a,h)anthracene	40.000	42.333	-5.8	102	0.00
92		Benzo(g,h,i)perylene	40.000	41.848	-4.6	102	0.00

Sample Results: **BF142250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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

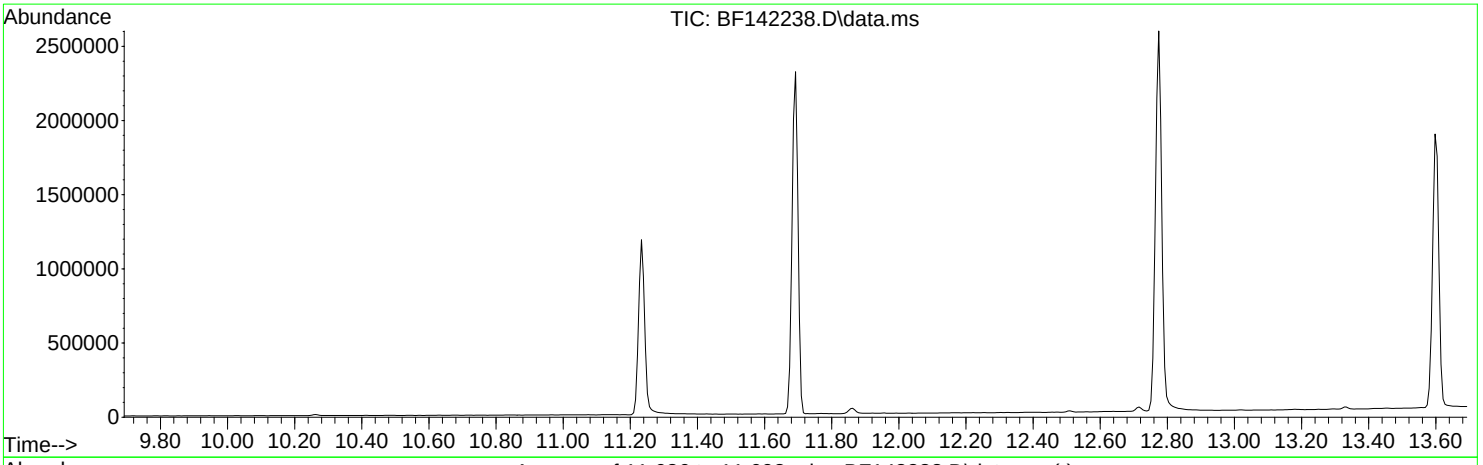
Sample Results: **BF142238.D**

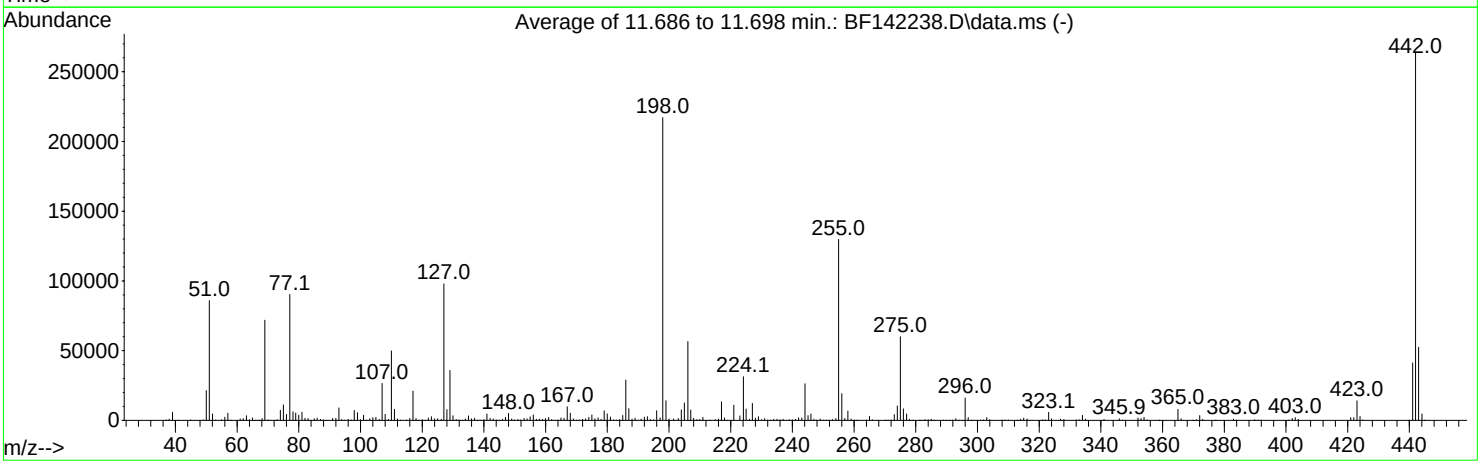
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025





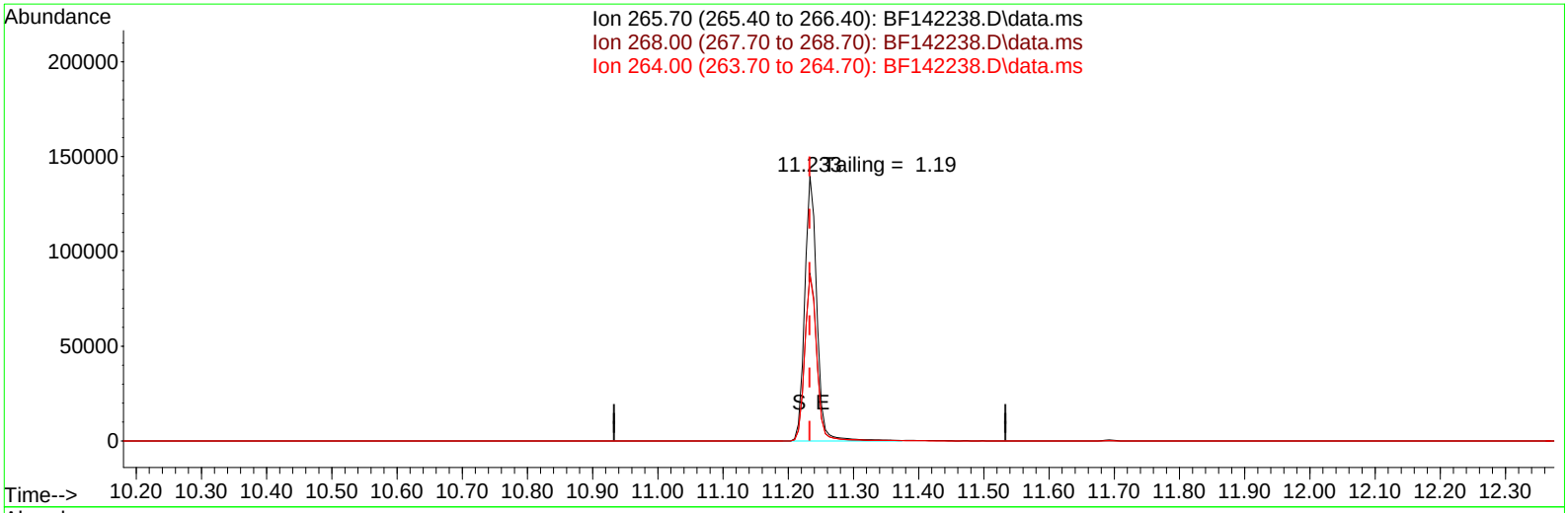
AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

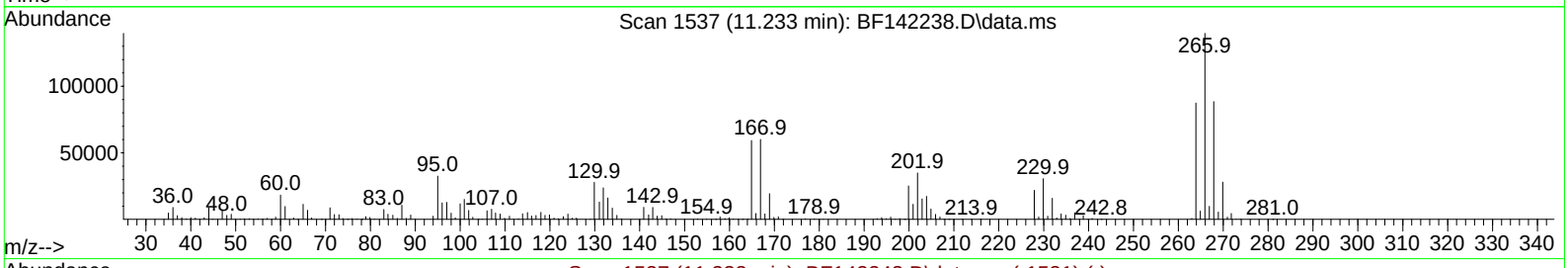
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.6	86007	PASS
68	69	0.00	2	1.8	1316	PASS
69	198	0.00	100	33.1	71903	PASS
70	69	0.00	2	0.5	377	PASS
127	198	10	80	45.1	97928	PASS
197	198	0.00	2	0.8	1760	PASS
198	198	100	100	100.0	217131	PASS
199	198	5	9	6.5	14095	PASS
275	198	10	60	27.6	60019	PASS
365	198	1	100	3.7	7976	PASS
441	198	0.01	100	19.0	41171	PASS
442	442	50	100	100.0	263808	PASS
443	442	15	24	19.9	52467	PASS

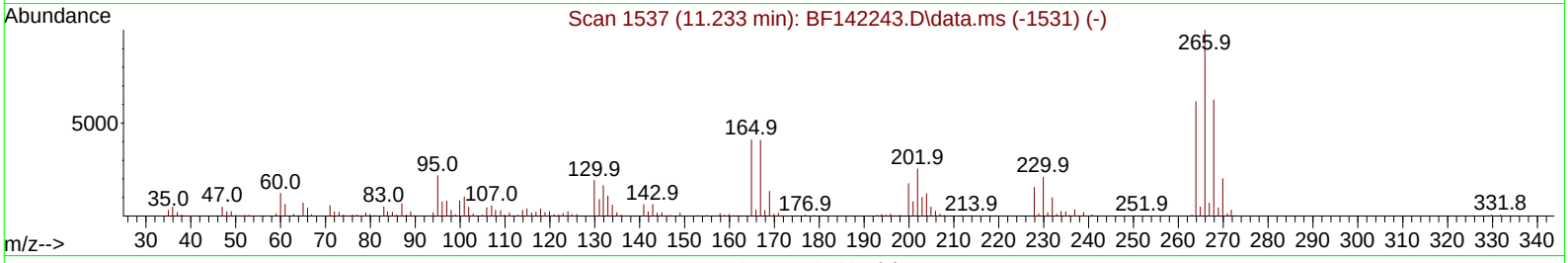
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142238.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69575.24 ng

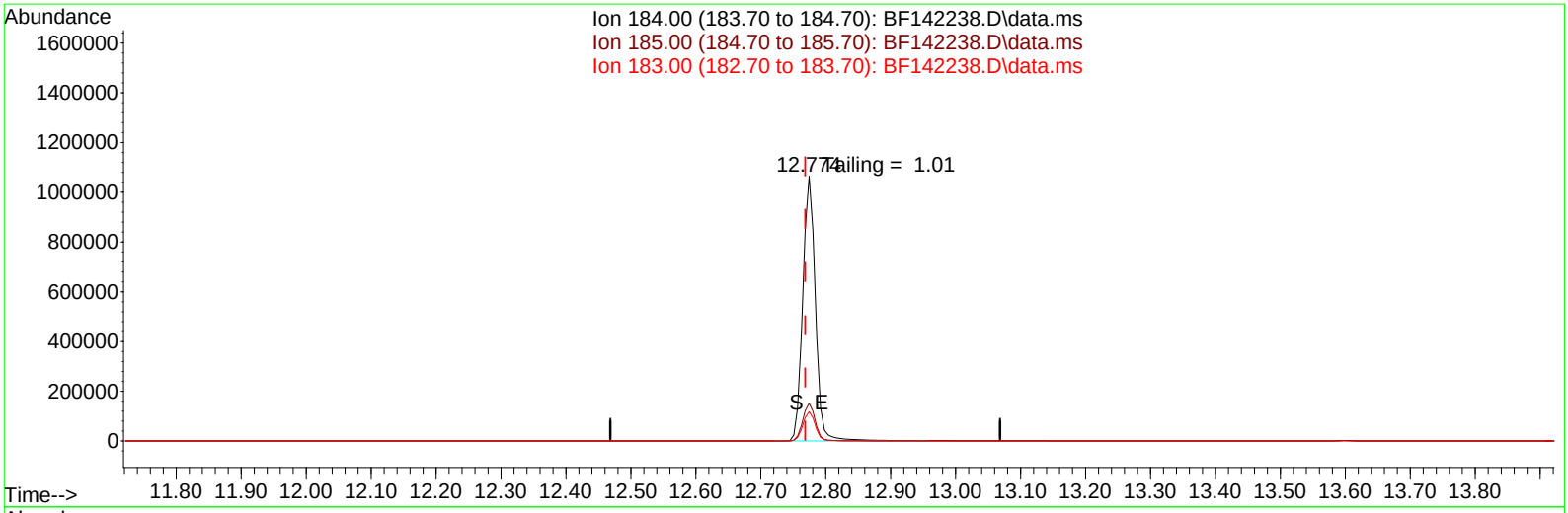
response 180630

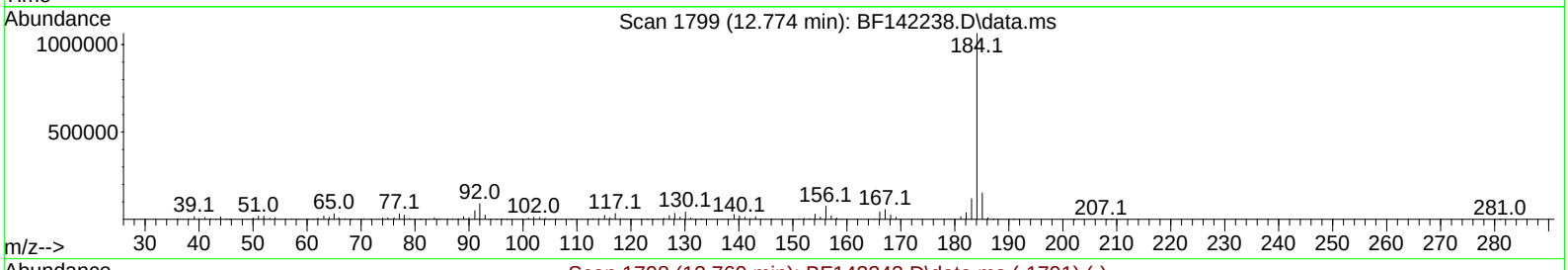
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.39
264.00	61.60	62.57
0.00	0.00	0.00

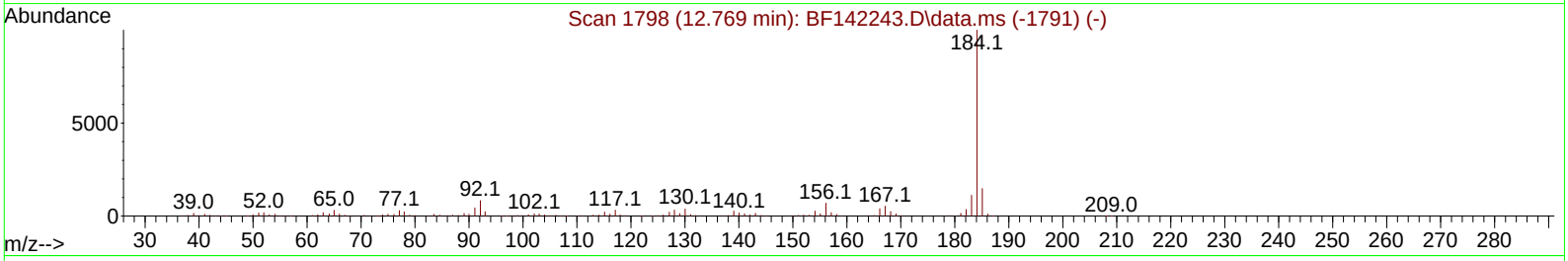
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142238.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 97416.22 ng

response 1440496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.25
183.00	11.10	11.10
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/30/2025	BNA_F	BF142238.D
Compound Name	**Response**	**Retention Time**
DDT	378546	13.598
DDD	2841	13.333
DDE	0	12.904
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
2841	381387	0.74

Instrument :
BNA_F
ClientSampleId :
DFTPP

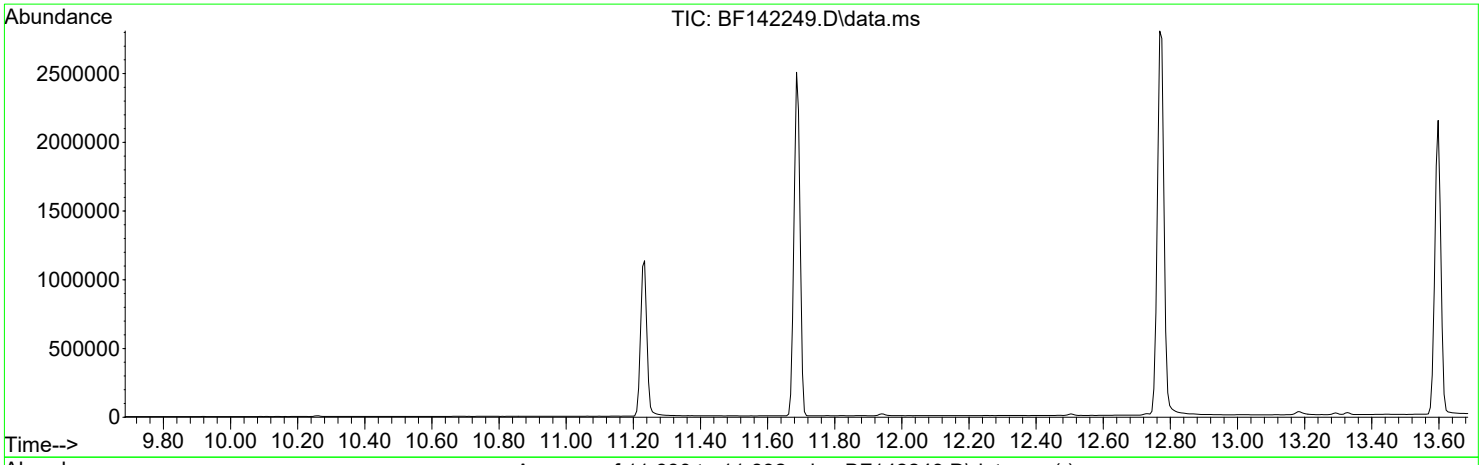
Sample Results: **BF142249.D**

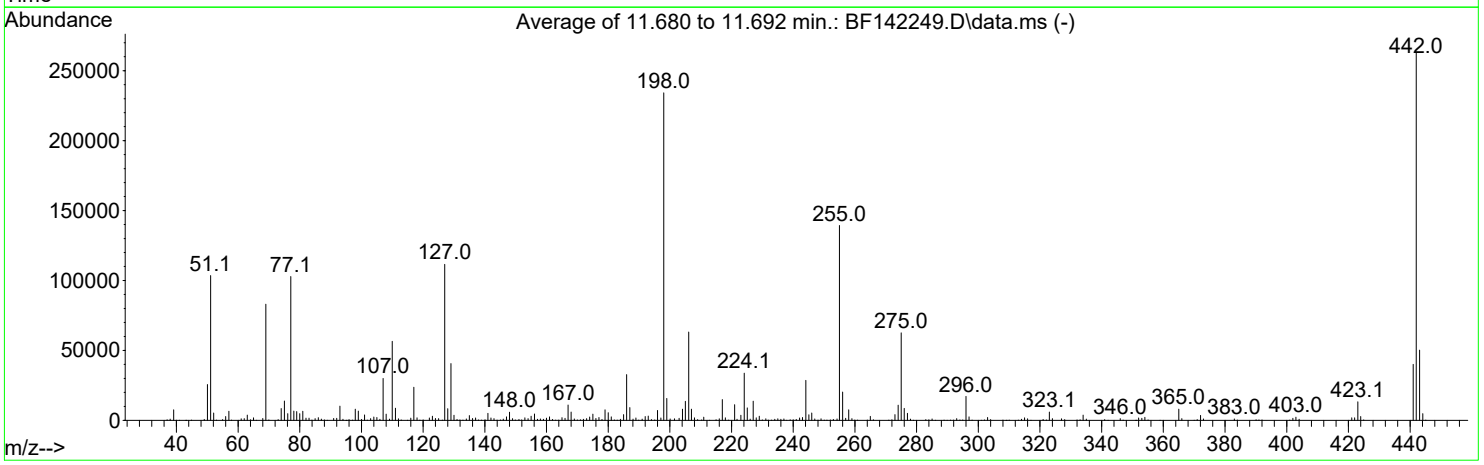
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.2	103579	PASS
68	69	0.00	2	1.6	1339	PASS
69	198	0.00	100	35.5	83059	PASS
70	69	0.00	2	0.5	413	PASS
127	198	10	80	47.7	111579	PASS
197	198	0.00	2	0.7	1704	PASS
198	198	100	100	100.0	234155	PASS
199	198	5	9	6.7	15632	PASS
275	198	10	60	26.7	62555	PASS
365	198	1	100	3.4	8074	PASS
441	198	0.01	100	17.1	40008	PASS
442	442	50	100	100.0	263019	PASS
443	442	15	24	19.1	50208	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_F	BF142249.D
Compound Name	**Response**	**Retention Time**
DDT	427368	13.598
DDD	6172	13.327
DDE	0	12.904
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
6172	433540	1.42

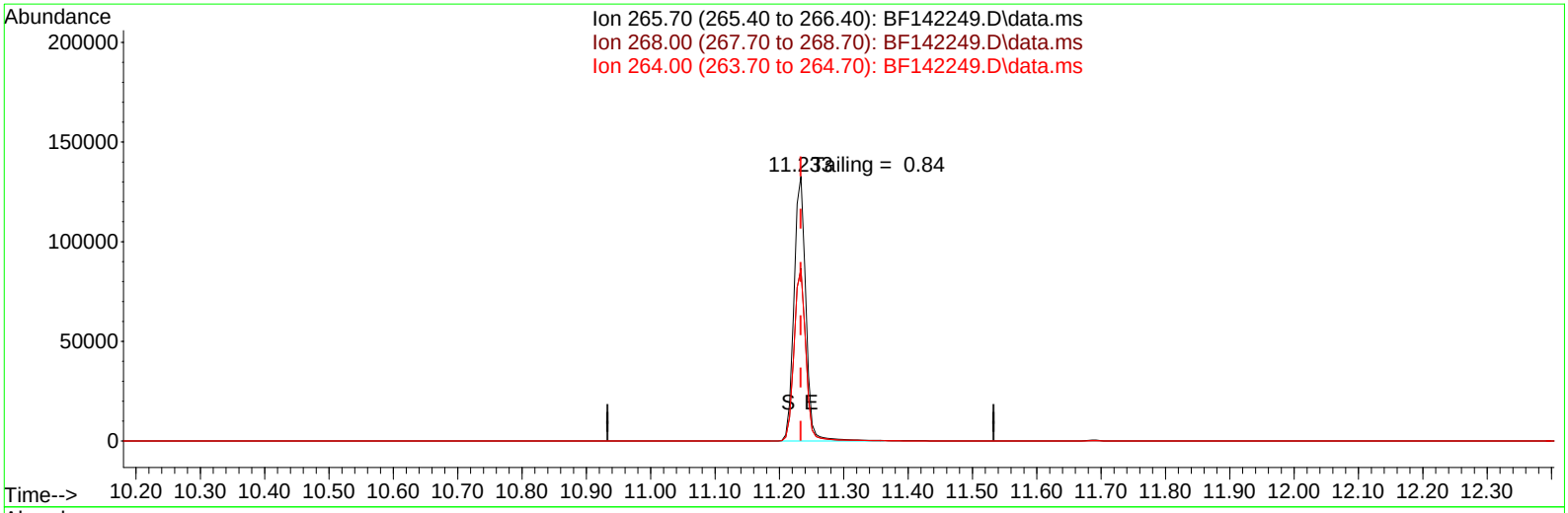
Instrument :
BNA_F
ClientSampleId :
DFTPP

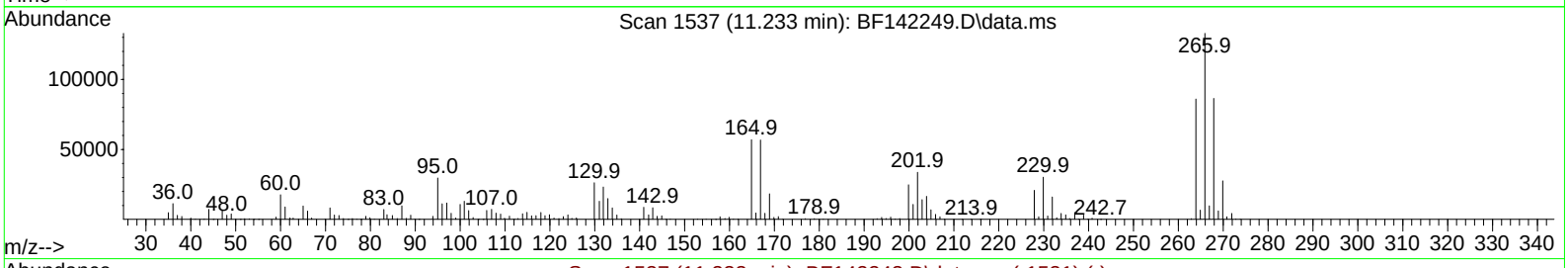
Sample Results: **BF142249.D**

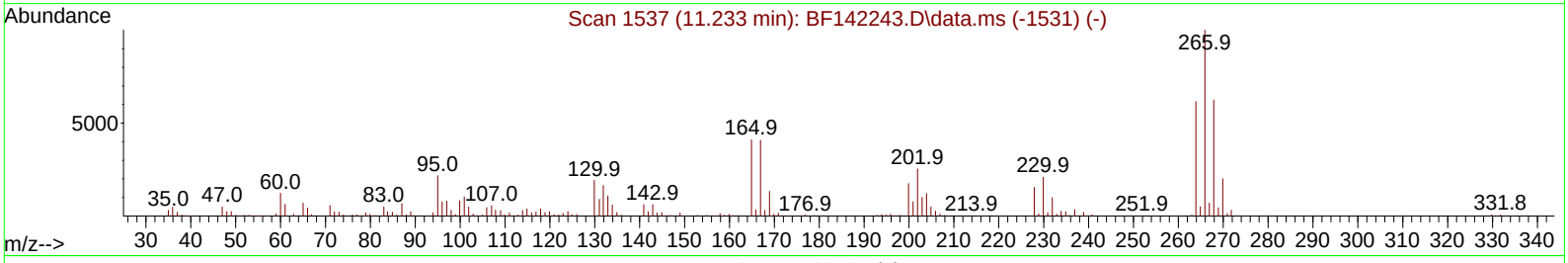
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142249.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 113470.87 ng

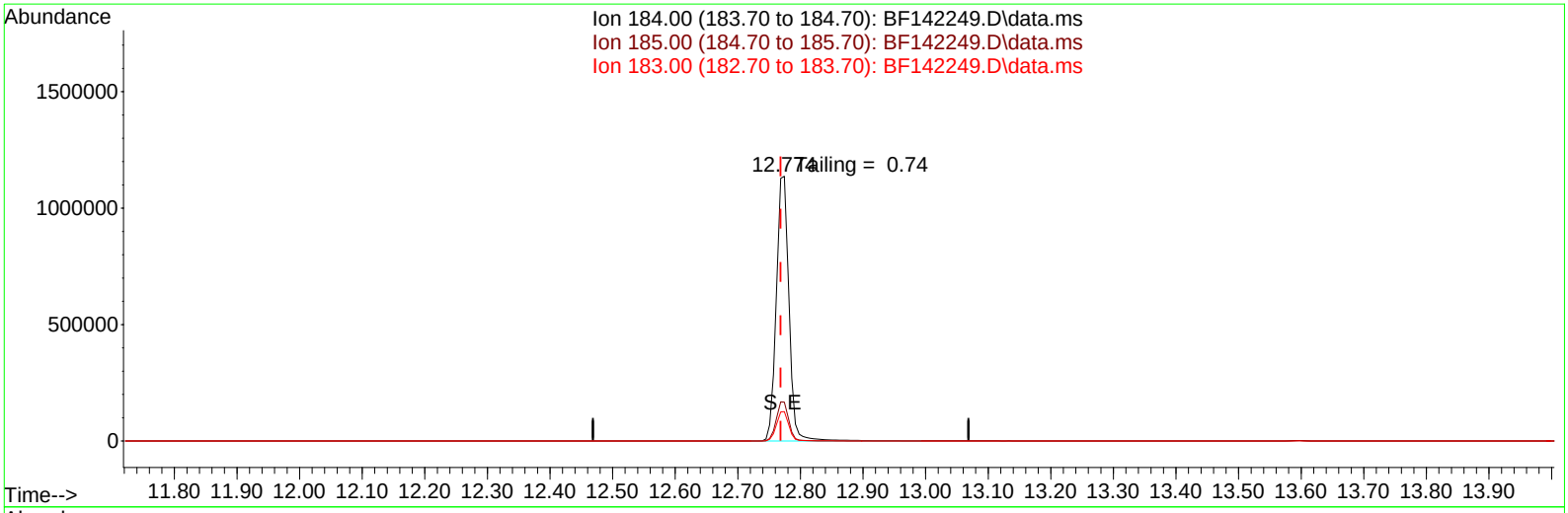
response 170474

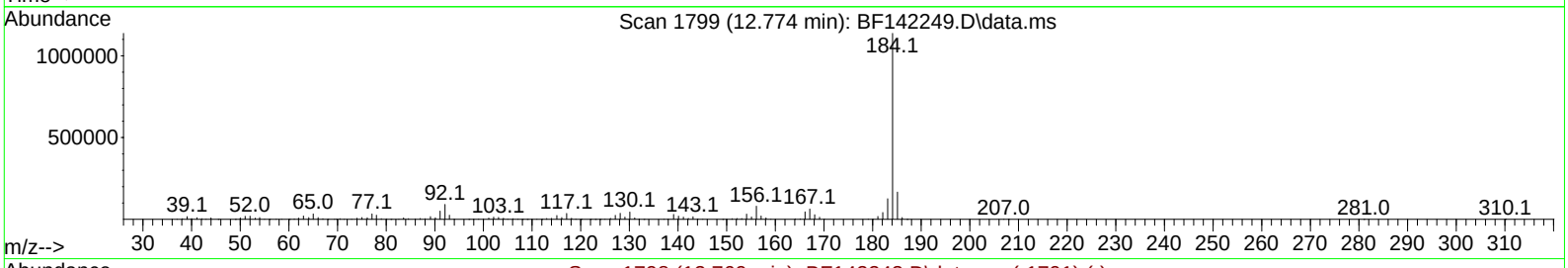
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	65.06
264.00	61.60	64.75
0.00	0.00	0.00

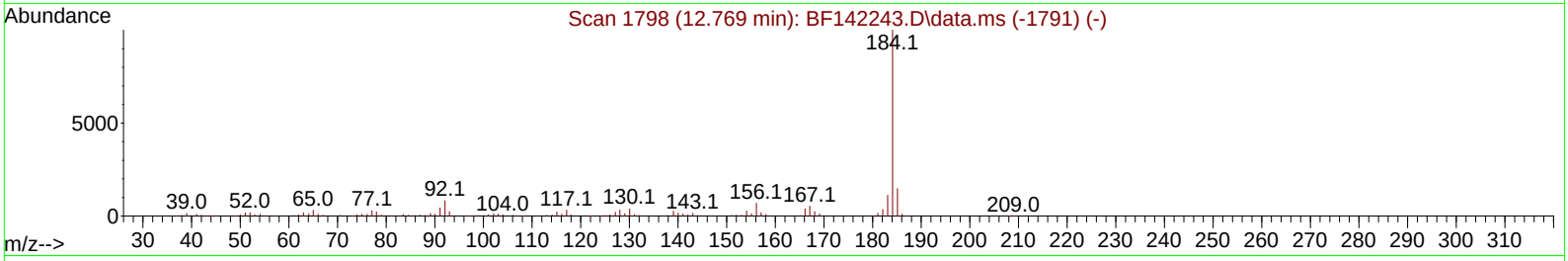
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration







TIC: BF142249.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 156734.40 ng

response 1611689

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.68
183.00	11.10	11.08
0.00	0.00	0.00

Raw Data: **BF142251.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167798BL	SDG No.:	Q1890
Lab Sample ID:	PB167798BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142251.D	1	04/30/25 08:35	05/01/25 10:45	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	113		15 (10) - 110 (139)	76%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.3		30 (49) - 130 (133)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.4		30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	64.3		30 (48) - 130 (125)	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	228000	6.904			
1146-65-2	Naphthalene-d8	877000	8.187			
15067-26-2	Acenaphthene-d10	467000	9.945			
1517-22-2	Phenanthrene-d10	827000	11.428			
1719-03-5	Chrysene-d12	587000	14.069			
1520-96-3	Perylene-d12	407000	15.563			

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\BF050125\
Data File : BF142251.D
Acq On : 01 May 2025 10:45
Operator : RC/JU
Sample : PB167798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Quant Time: May 01 11:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

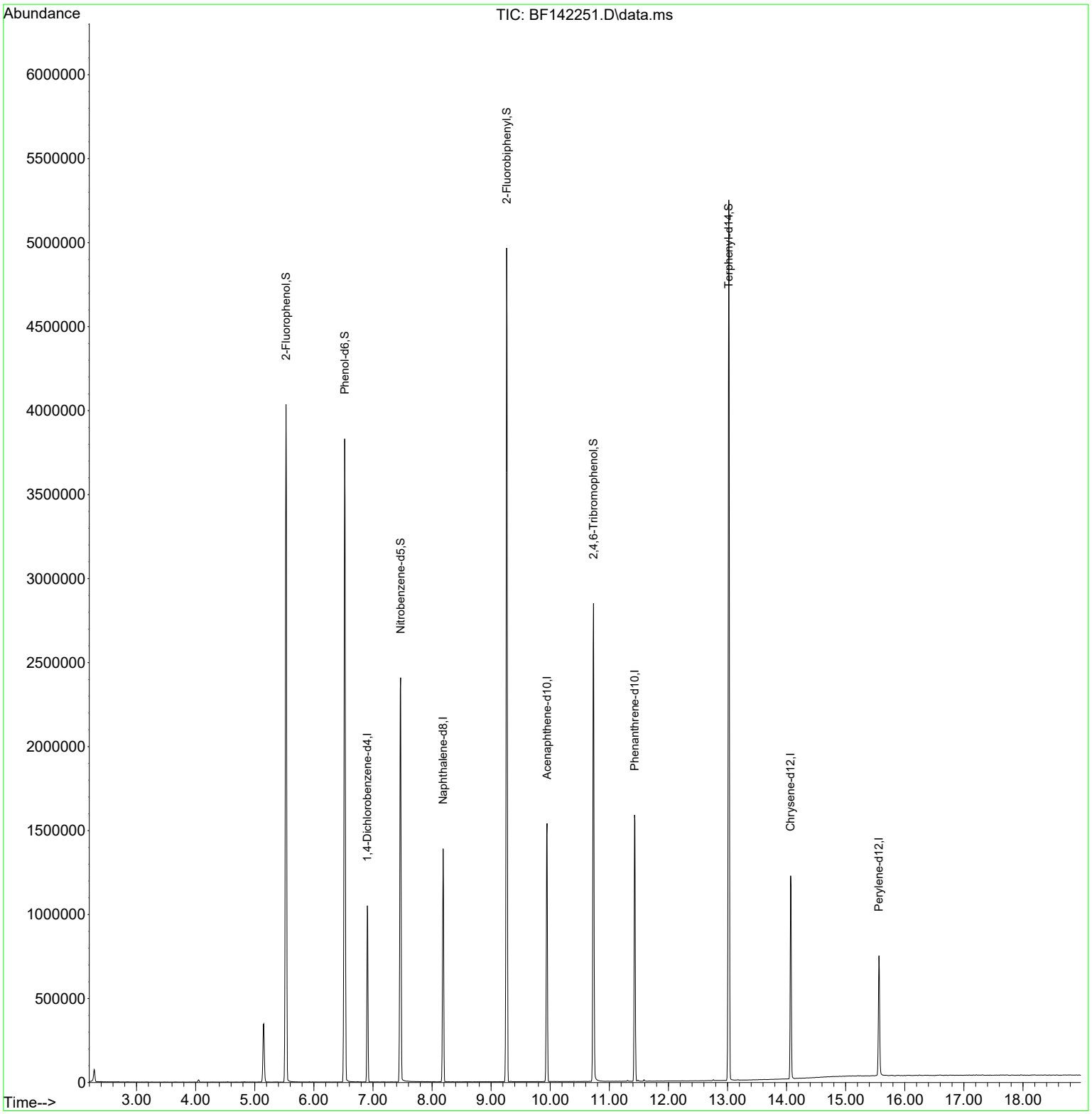
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	227901	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	877397	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	467254	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826787	20.000	ng	0.00
76) Chrysene-d12	14.069	240	587490	20.000	ng	0.00
86) Perylene-d12	15.563	264	406867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1618858	113.445	ng	0.01
7) Phenol-d6	6.522	99	1952554	113.309	ng	0.00
23) Nitrobenzene-d5	7.469	82	1072746	80.325	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	504593	118.458	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2332756	70.392	ng	0.00
79) Terphenyl-d14	13.022	244	2599136	64.345	ng	0.00
Target Compounds						Qvalue

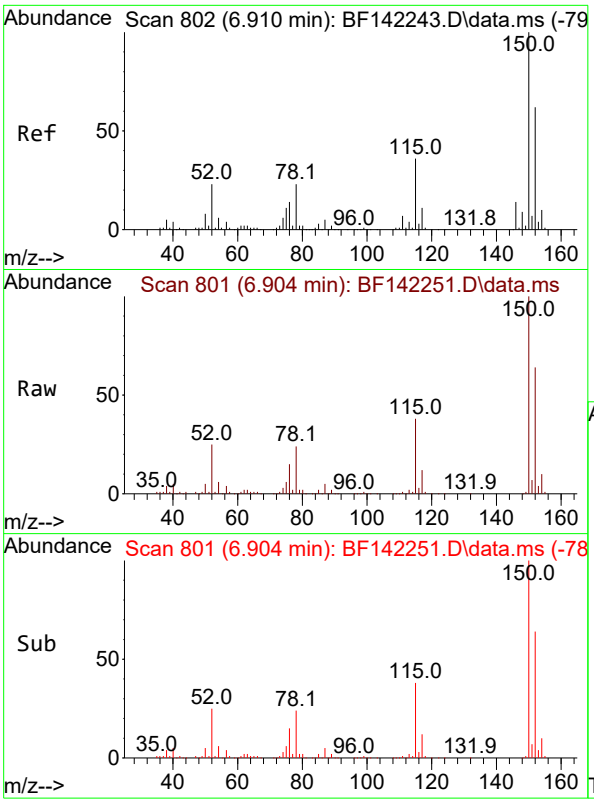
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142251.D
Acq On : 01 May 2025 10:45
Operator : RC/JU
Sample : PB167798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Quant Time: May 01 11:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



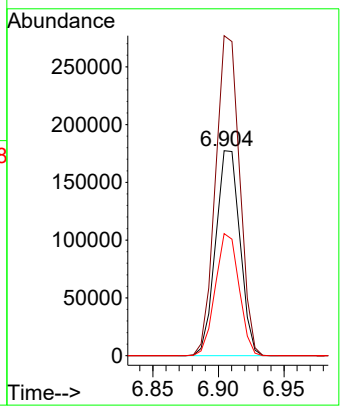


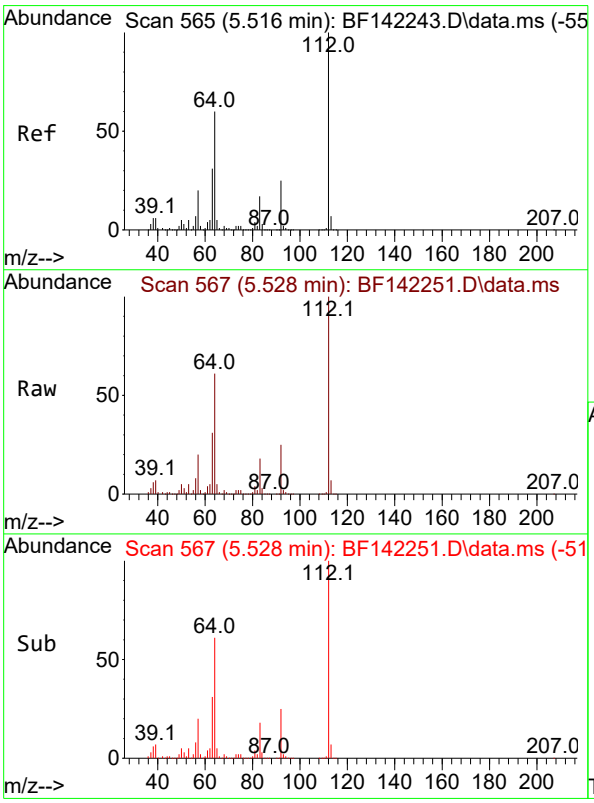
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:152 Resp: 227901

Ion	Ratio	Lower	Upper
152	100		
150	156.2	130.2	195.2
115	59.6	47.0	70.4

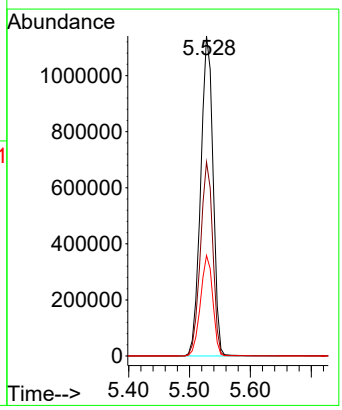


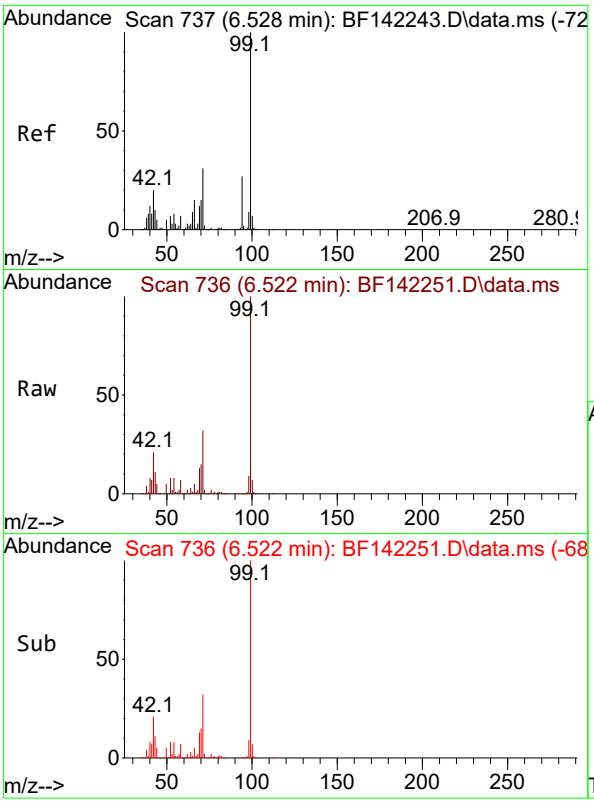


#5
2-Fluorophenol
Concen: 113.445 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:112 Resp: 1618858

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.4	72.6
63	31.4	24.8	37.2



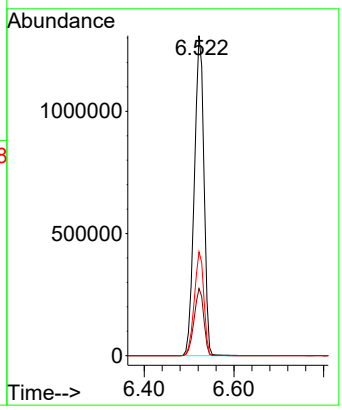


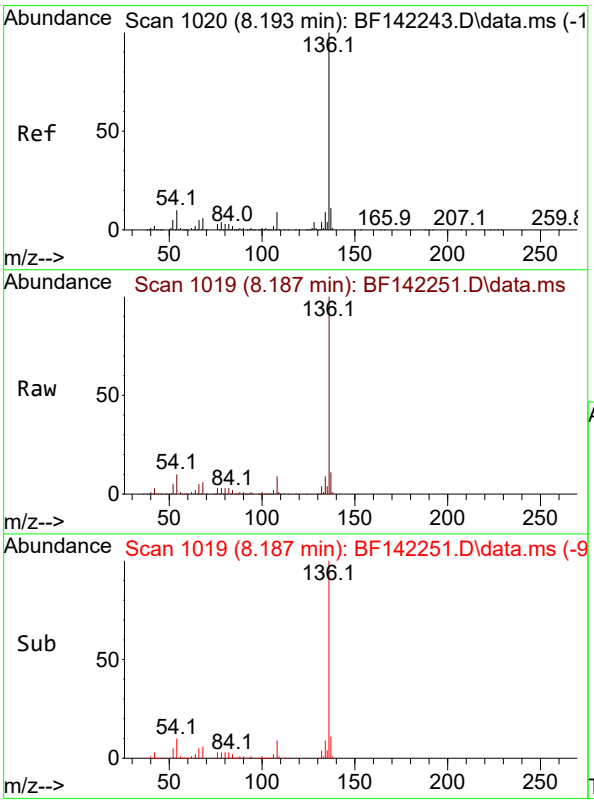
#7
Phenol-d6
Concen: 113.309 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion: 99 Resp: 1952554

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	32.4	25.0	37.4

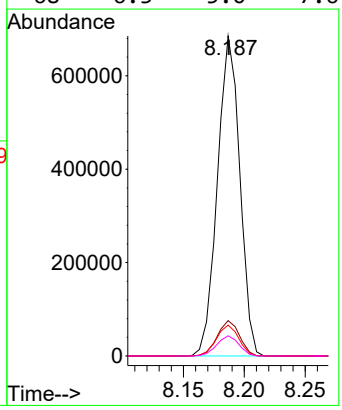


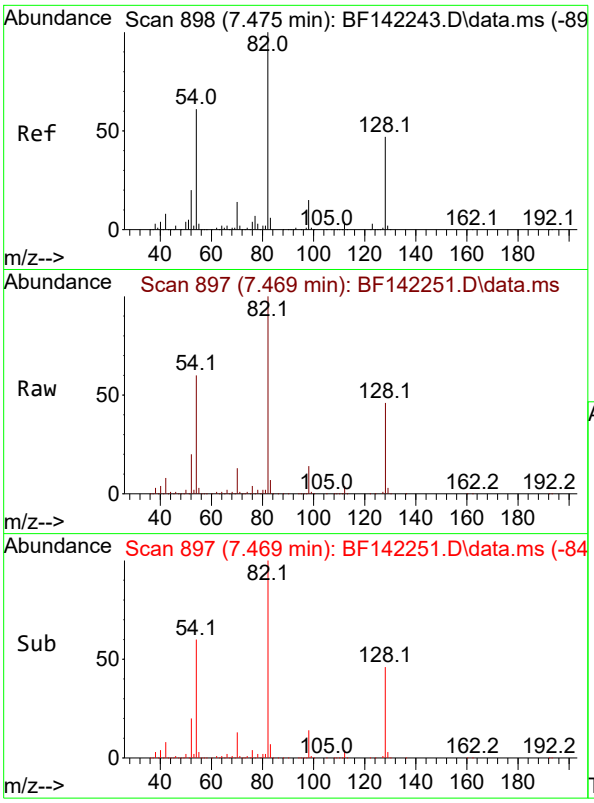


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:136 Resp: 877397

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.7	7.7	11.5
68	6.3	5.0	7.6



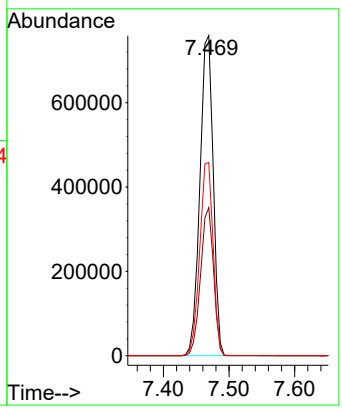


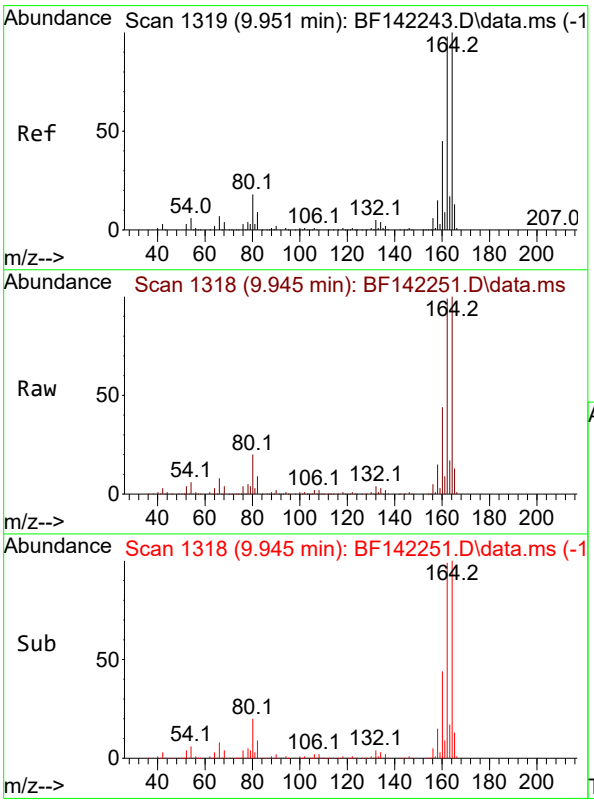
#23
Nitrobenzene-d5
Concen: 80.325 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion: 82 Resp: 1072746

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.4	48.0	72.0

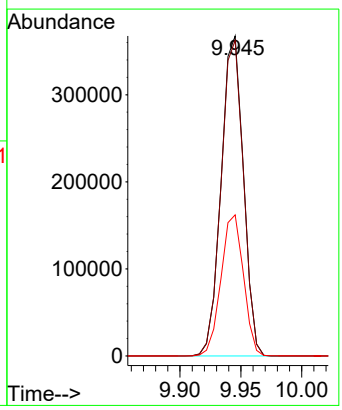


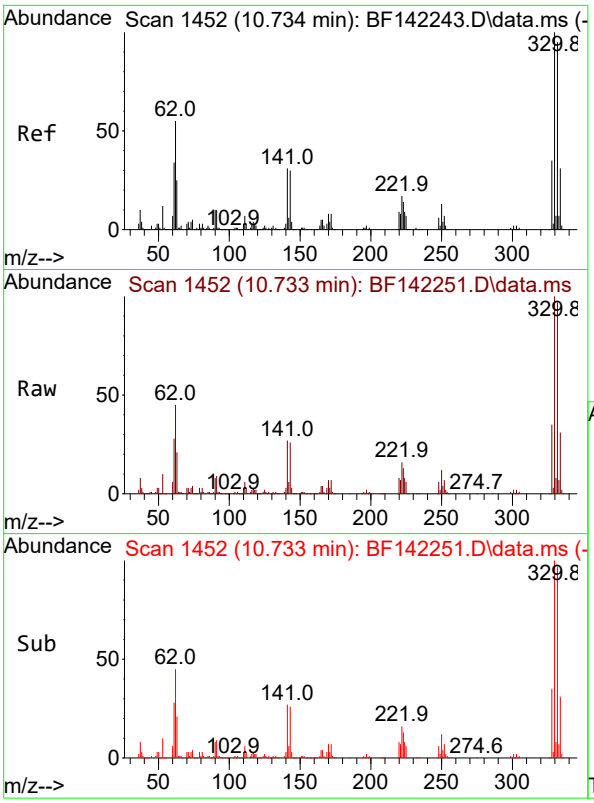


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:164 Resp: 467254

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	117.8
160	44.1	35.7	53.5



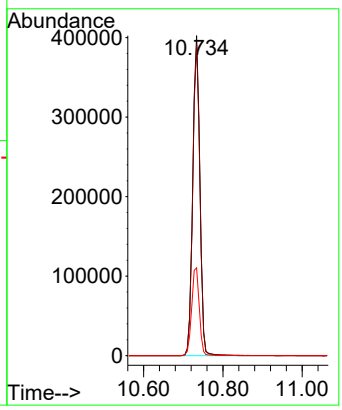


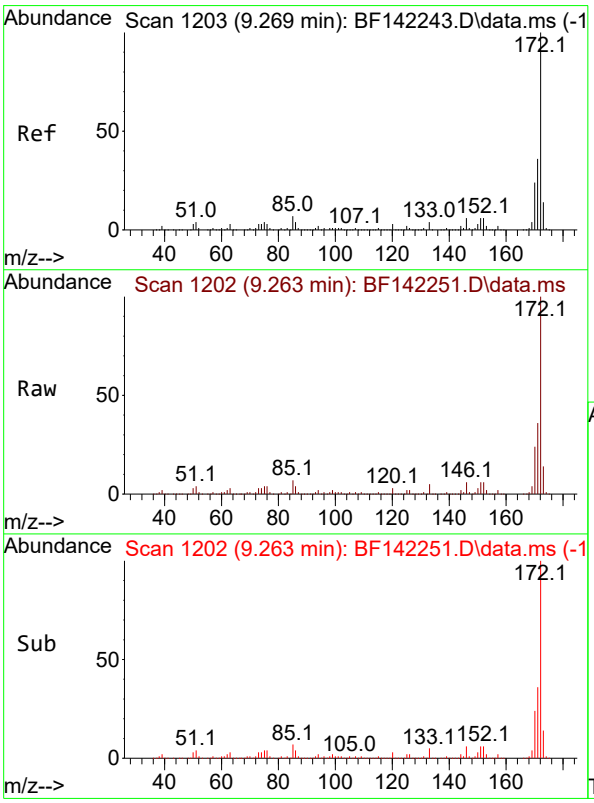
#42
2,4,6-Tribromophenol
Concen: 118.458 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:330 Resp: 504593

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	29.4	24.3	36.5

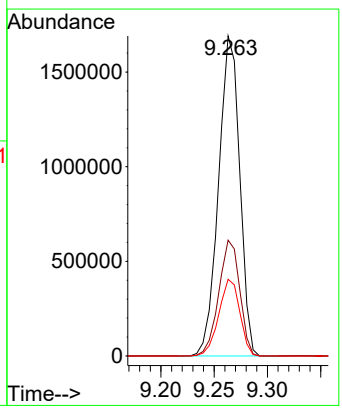


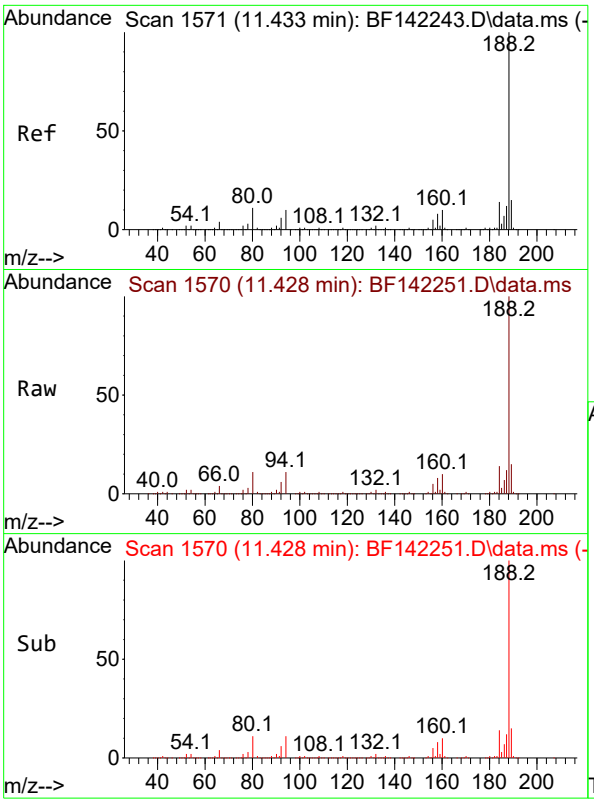


#45
2-Fluorobiphenyl
Concen: 70.392 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:172 Resp: 2332756

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	23.9	19.4	29.0



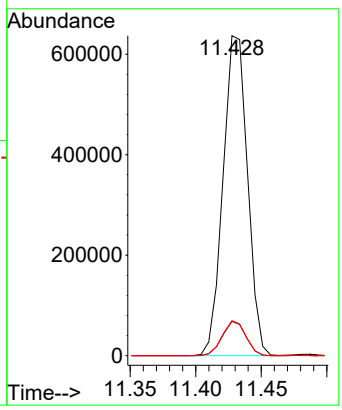


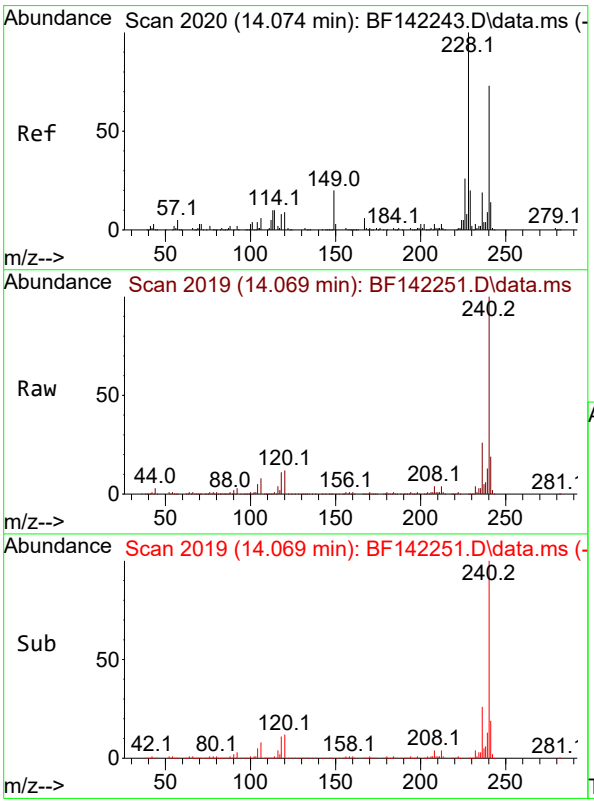
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:188 Resp: 826787

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.2
80	11.0	8.6	12.8

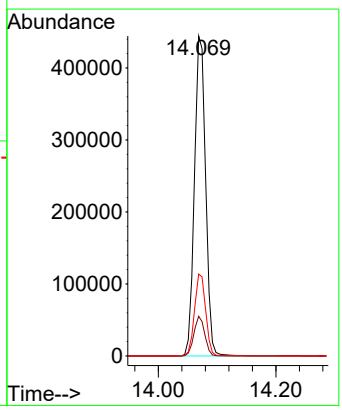


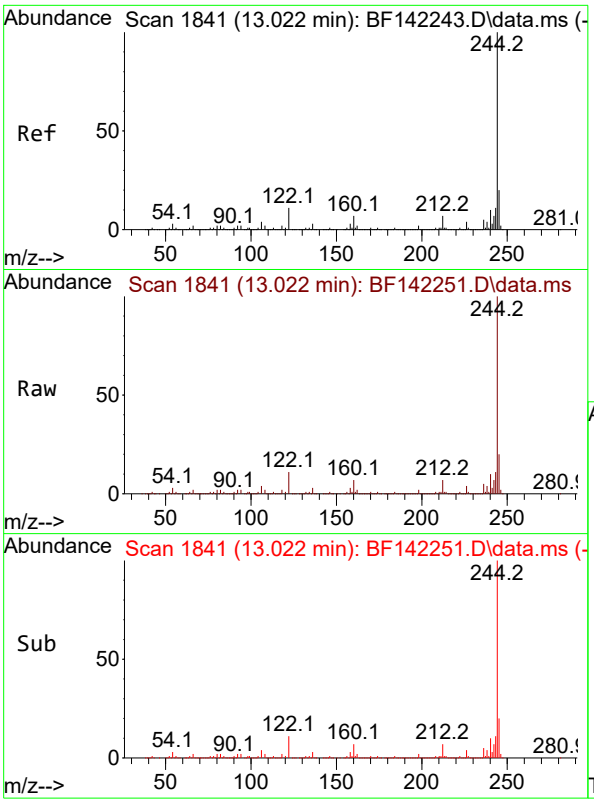


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:240 Resp: 587490

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.1	15.1
236	25.6	20.5	30.7



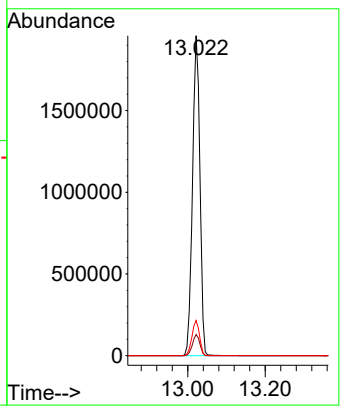


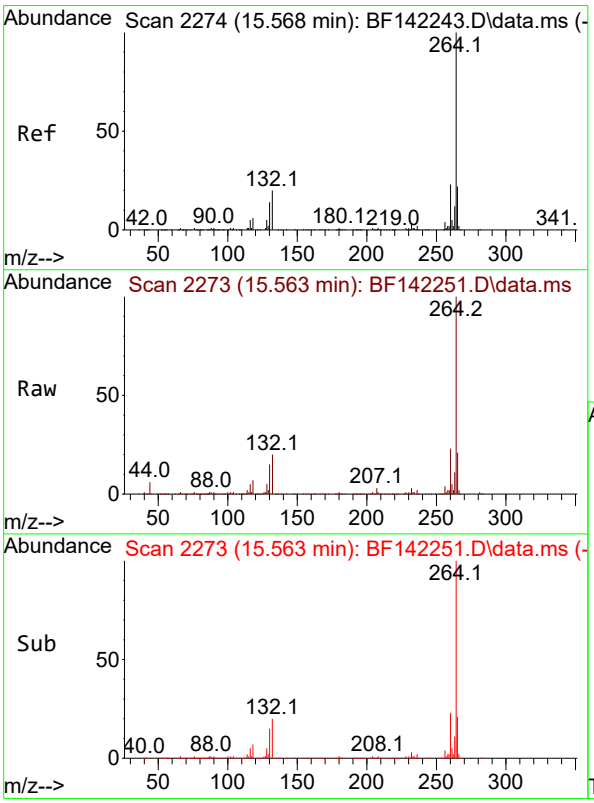
#79
Terphenyl-d14
Concen: 64.345 ng
RT: 13.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:244 Resp: 2599136

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.0	9.1	13.7

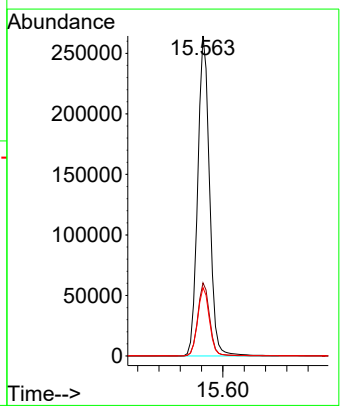




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:264 Resp: 406867

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.3	17.3	25.9



Raw Data: **BF142252.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167798BS	SDG No.:	Q1890
Lab Sample ID:	PB167798BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142252.D	1	04/30/25 08:35	05/01/25 11:13	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	41.2		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	40.4		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.0		0.54	5.00	ug/L
91-20-3	Naphthalene	40.4		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	111		15 (10) - 110 (139)	74%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.7		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	73.5		30 (48) - 130 (125)	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	6.91			
1146-65-2	Naphthalene-d8	889000	8.192			
15067-26-2	Acenaphthene-d10	464000	9.945			
1517-22-2	Phenanthrene-d10	801000	11.433			
1719-03-5	Chrysene-d12	447000	14.074			
1520-96-3	Perylene-d12	449000	15.563			

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\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	225762	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	889454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	464234	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	800889	20.000	ng	0.00
76) Chrysene-d12	14.074	240	447227	20.000	ng	0.00
86) Perylene-d12	15.563	264	448663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1573800	111.332	ng	0.02
7) Phenol-d6	6.528	99	1923984	112.709	ng	0.00
23) Nitrobenzene-d5	7.469	82	1064921	78.658	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	553053	130.679	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2279117	69.221	ng	0.00
79) Terphenyl-d14	13.022	244	2260338	73.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214857	34.032	ng	99
3) Pyridine	3.546	79	612102	37.305	ng	99
4) n-Nitrosodimethylamine	3.499	42	354189	41.713	ng	99
6) Aniline	6.569	93	595232	24.635	ng	99
8) 2-Chlorophenol	6.693	128	621899	42.575	ng	100
9) Benzaldehyde	6.457	77	303059	25.401	ng	99
10) Phenol	6.546	94	757157m	41.200	ng	
11) bis(2-Chloroethyl)ether	6.646	93	582688	40.916	ng	100
12) 1,3-Dichlorobenzene	6.851	146	670657	40.585	ng	100
13) 1,4-Dichlorobenzene	6.928	146	672151	40.372	ng	99
14) 1,2-Dichlorobenzene	7.081	146	647246	40.722	ng	100
15) Benzyl Alcohol	7.045	79	513138	42.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068891	41.566	ng	99
17) 2-Methylphenol	7.151	107	501113	41.877	ng	98
18) Hexachloroethane	7.422	117	228628	41.957	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	430394	40.801	ng	99
20) 3+4-Methylphenols	7.304	107	621160	41.509	ng	94
22) Acetophenone	7.316	105	826074	40.145	ng	100
24) Nitrobenzene	7.493	77	591218	44.506	ng	100
25) Isophorone	7.728	82	1178770	41.486	ng	100
26) 2-Nitrophenol	7.804	139	225734	41.847	ng	99
27) 2,4-Dimethylphenol	7.840	122	602922	42.086	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	734626	40.995	ng	99
29) 2,4-Dichlorophenol	8.040	162	512350	42.777	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	547350	40.953	ng	100
31) Naphthalene	8.216	128	1792007	40.399	ng	100
32) Benzoic acid	7.945	122	282191m	42.883	ng	
33) 4-Chloroaniline	8.251	127	121514	6.579	ng	99
34) Hexachlorobutadiene	8.328	225	323243	41.453	ng	99
35) Caprolactam	8.622	113	164045m	45.568	ng	
36) 4-Chloro-3-methylphenol	8.734	107	532722	43.315	ng	98
37) 2-Methylnaphthalene	8.904	142	1105725	40.544	ng	99
38) 1-Methylnaphthalene	9.004	142	1159466	41.039	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	523019	40.032	ng	99
41) Hexachlorocyclopentadiene	9.057	237	659241	88.906	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	354948	43.843	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	386474	45.404	ng		98
46) 1,1'-Biphenyl	9.369	154	1475397	40.881	ng		100
47) 2-Chloronaphthalene	9.392	162	1092692	40.695	ng		99
48) 2-Nitroaniline	9.487	65	301543	43.124	ng		99
49) Acenaphthylene	9.810	152	1868315	41.234	ng		100
50) Dimethylphthalate	9.669	163	1278203	43.038	ng		100
51) 2,6-Dinitrotoluene	9.728	165	247512	43.832	ng		98
52) Acenaphthene	9.981	154	1161277	43.895	ng		100
53) 3-Nitroaniline	9.892	138	120832	19.467	ng		97
54) 2,4-Dinitrophenol	9.998	184	173600	84.535	ng	#	23
55) Dibenzofuran	10.157	168	1619144	40.827	ng		100
56) 4-Nitrophenol	10.045	139	471700	101.045	ng		98
57) 2,4-Dinitrotoluene	10.134	165	334335	48.433	ng		99
58) Fluorene	10.498	166	1240639	41.143	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	316821	44.934	ng		99
60) Diethylphthalate	10.369	149	1280368	43.657	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	583485	40.745	ng		99
62) 4-Nitroaniline	10.510	138	278877	44.489	ng		99
63) Azobenzene	10.651	77	1225283	42.308	ng		100
65) 4,6-Dinitro-2-methylph...	10.539	198	114521	44.424	ng		95
66) n-Nitrosodiphenylamine	10.610	169	1120137	40.934	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	374442	41.981	ng		99
68) Hexachlorobenzene	11.045	284	416999	41.744	ng		99
69) Atrazine	11.133	200	327822	45.449	ng		98
70) Pentachlorophenol	11.233	266	491588	93.152	ng		98
71) Phenanthrene	11.463	178	1729683	39.983	ng		99
72) Anthracene	11.510	178	1809920	40.920	ng		100
73) Carbazole	11.663	167	1673738	41.482	ng		100
74) Di-n-butylphthalate	11.998	149	1832830	45.166	ng		100
75) Fluoranthene	12.645	202	1790811	41.876	ng		99
77) Benzidine	12.769	184	427420	22.492	ng		98
78) Pyrene	12.875	202	1769704	42.897	ng		99
80) Butylbenzylphthalate	13.498	149	508489	45.305	ng		98
81) Benzo(a)anthracene	14.063	228	1236291	41.178	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	102802	11.657	ng		99
83) Chrysene	14.104	228	1191462	43.597	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	629446	40.842	ng		100
85) Di-n-octyl phthalate	14.674	149	1146731	41.045	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1385292	42.153	ng		100
88) Benzo(b)fluoranthene	15.127	252	1230162	44.141	ng		99
89) Benzo(k)fluoranthene	15.157	252	1011794	39.692	ng		99
90) Benzo(a)pyrene	15.504	252	1085464	42.542	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	1127475	42.272	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1126050	41.996	ng		99

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

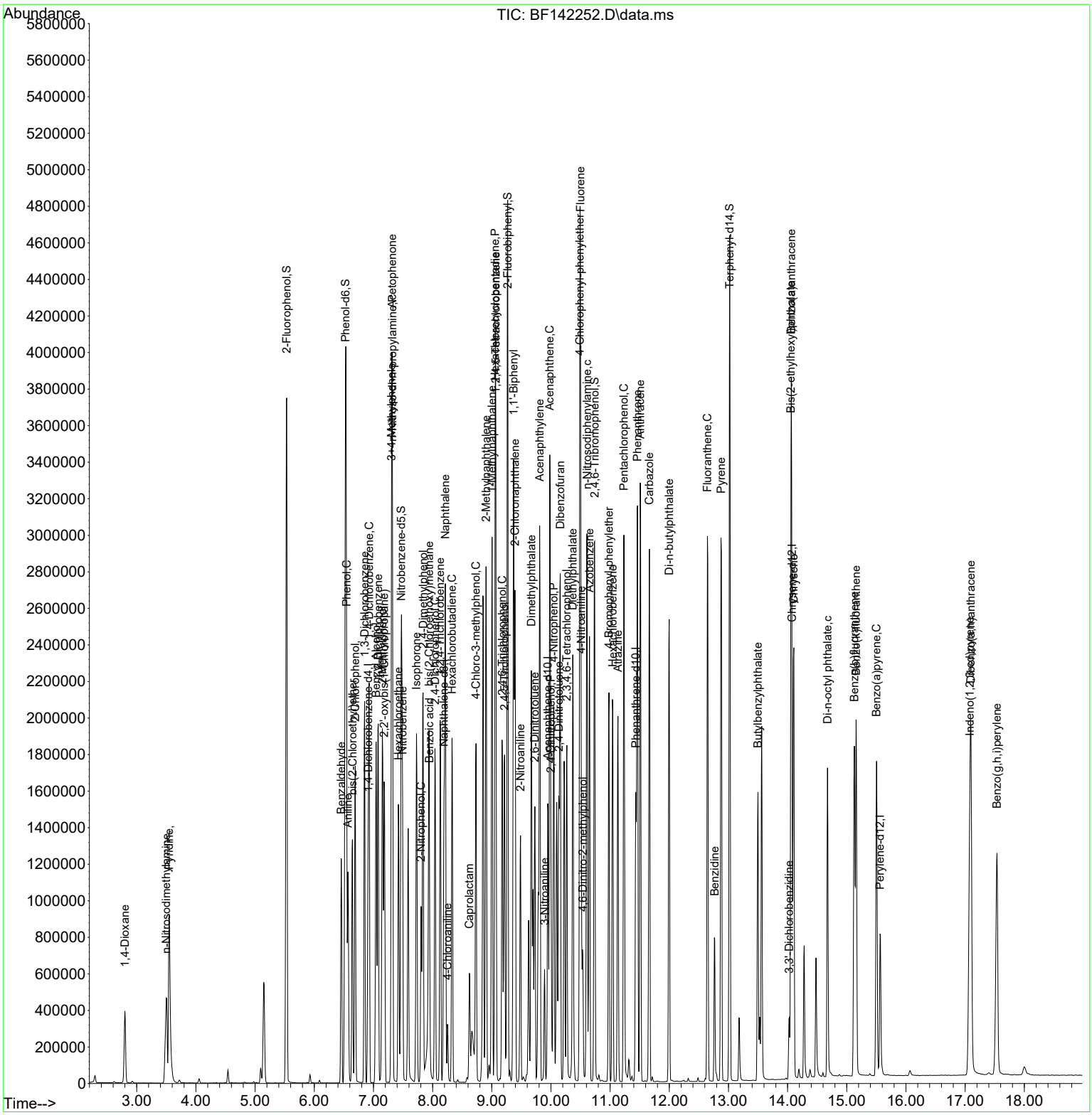
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142252.D
Acq On : 01 May 2025 11:13
Operator : RC/JU
Sample : PB167798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



Raw Data: **BF142253.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167798BSD	SDG No.:	Q1890
Lab Sample ID:	PB167798BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142253.D	1	04/30/25 08:35	05/01/25 11:42	PB167798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	40.3		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	39.2		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.6		0.54	5.00	ug/L
91-20-3	Naphthalene	39.8		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	108		15 (10) - 110 (139)	72%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.3		30 (49) - 130 (133)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.2		30 (52) - 130 (132)	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		30 (48) - 130 (125)	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	229000	6.91			
1146-65-2	Naphthalene-d8	896000	8.192			
15067-26-2	Acenaphthene-d10	472000	9.945			
1517-22-2	Phenanthrene-d10	796000	11.433			
1719-03-5	Chrysene-d12	445000	14.074			
1520-96-3	Perylene-d12	442000	15.563			

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: **BF142253.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228844	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	895505	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796412	20.000	ng	0.00
76) Chrysene-d12	14.074	240	445019	20.000	ng	0.00
86) Perylene-d12	15.563	264	441873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1544251	107.770	ng	0.01
7) Phenol-d6	6.528	99	1910888	110.435	ng	0.00
23) Nitrobenzene-d5	7.469	82	1094804	80.319	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	558926	129.885	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2284570	68.240	ng	0.00
79) Terphenyl-d14	13.022	244	2257765	73.788	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	214363	33.497	ng	99
3) Pyridine	3.546	79	604462	36.343	ng	100
4) n-Nitrosodimethylamine	3.499	42	350276	40.697	ng	99
6) Aniline	6.569	93	664275	27.123	ng	99
8) 2-Chlorophenol	6.693	128	628695	42.460	ng	99
9) Benzaldehyde	6.457	77	294023	24.312	ng	99
10) Phenol	6.545	94	750967m	40.313	ng	
11) bis(2-Chloroethyl)ether	6.645	93	580502	40.214	ng	99
12) 1,3-Dichlorobenzene	6.851	146	662064	39.525	ng	100
13) 1,4-Dichlorobenzene	6.928	146	661045	39.170	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646447	40.124	ng	99
15) Benzyl Alcohol	7.045	79	522603	42.584	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1068395	40.987	ng	99
17) 2-Methylphenol	7.151	107	506643	41.769	ng	99
18) Hexachloroethane	7.422	117	227904	41.260	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	433820	40.572	ng	99
20) 3+4-Methylphenols	7.304	107	625731	41.251	ng	94
22) Acetophenone	7.316	105	822300	39.692	ng	100
24) Nitrobenzene	7.492	77	605776	45.294	ng	98
25) Isophorone	7.728	82	1175652	41.096	ng	100
26) 2-Nitrophenol	7.804	139	258365	46.327	ng	98
27) 2,4-Dimethylphenol	7.840	122	612593	42.472	ng	99
28) bis(2-Chloroethoxy)met...	7.940	93	740492	41.043	ng	99
29) 2,4-Dichlorophenol	8.040	162	521645	43.259	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	546079	40.582	ng	99
31) Naphthalene	8.216	128	1778327	39.820	ng	100
32) Benzoic acid	7.951	122	331051m	48.183	ng	
33) 4-Chloroaniline	8.251	127	168046	9.036	ng	99
34) Hexachlorobutadiene	8.328	225	322773	41.113	ng	99
35) Caprolactam	8.622	113	168204m	46.407	ng	
36) 4-Chloro-3-methylphenol	8.734	107	537952	43.445	ng	98
37) 2-Methylnaphthalene	8.904	142	1104930	40.241	ng	100
38) 1-Methylnaphthalene	9.004	142	1150453	40.445	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524934	39.515	ng	99
41) Hexachlorocyclopentadiene	9.057	237	671988	89.128	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	372452	45.244	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	387830	44.810	ng		98
46) 1,1'-Biphenyl	9.369	154	1480347	40.340	ng		100
47) 2-Chloronaphthalene	9.392	162	1105087	40.476	ng		99
48) 2-Nitroaniline	9.486	65	324508	45.363	ng		98
49) Acenaphthylene	9.810	152	1879452	40.794	ng		100
50) Dimethylphthalate	9.669	163	1290455	42.733	ng		100
51) 2,6-Dinitrotoluene	9.728	165	262585	45.558	ng		100
52) Acenaphthene	9.981	154	1183957	44.012	ng		99
53) 3-Nitroaniline	9.892	138	144830	22.378	ng		98
54) 2,4-Dinitrophenol	9.998	184	199878	91.584	ng	#	17
55) Dibenzofuran	10.157	168	1639725	40.663	ng		100
56) 4-Nitrophenol	10.045	139	489174	103.057	ng		98
57) 2,4-Dinitrotoluene	10.134	165	346883	49.318	ng		99
58) Fluorene	10.498	166	1248146	40.708	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	331140	46.189	ng		100
60) Diethylphthalate	10.369	149	1287411	43.172	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	601502	41.309	ng		99
62) 4-Nitroaniline	10.510	138	288950	45.282	ng		99
63) Azobenzene	10.651	77	1233889	41.902	ng		100
65) 4,6-Dinitro-2-methylph...	10.539	198	128388	48.731	ng		94
66) n-Nitrosodiphenylamine	10.610	169	1124320	41.318	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	376385	42.436	ng		99
68) Hexachlorobenzene	11.045	284	419316	42.212	ng		99
69) Atrazine	11.133	200	337532	47.058	ng		99
70) Pentachlorophenol	11.233	266	496901	94.688	ng		98
71) Phenanthrene	11.463	178	1750559	40.693	ng		99
72) Anthracene	11.510	178	1816790	41.306	ng		100
73) Carbazole	11.663	167	1689119	42.099	ng		100
74) Di-n-butylphthalate	11.998	149	1825873	45.248	ng		100
75) Fluoranthene	12.645	202	1777492	41.799	ng		99
77) Benzidine	12.769	184	483783	25.584	ng		98
78) Pyrene	12.880	202	1763648	42.962	ng		99
80) Butylbenzylphthalate	13.498	149	510891	45.709	ng		99
81) Benzo(a)anthracene	14.063	228	1233563	41.291	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	124446	14.182	ng		99
83) Chrysene	14.104	228	1170165	43.030	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	622700	40.625	ng		100
85) Di-n-octyl phthalate	14.674	149	1156711	41.525	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1384791	42.786	ng		100
88) Benzo(b)fluoranthene	15.127	252	1077406	39.254	ng		99
89) Benzo(k)fluoranthene	15.157	252	1118010	44.533	ng		99
90) Benzo(a)pyrene	15.504	252	1070836	42.614	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	1128281	42.952	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1137552	43.077	ng		99

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

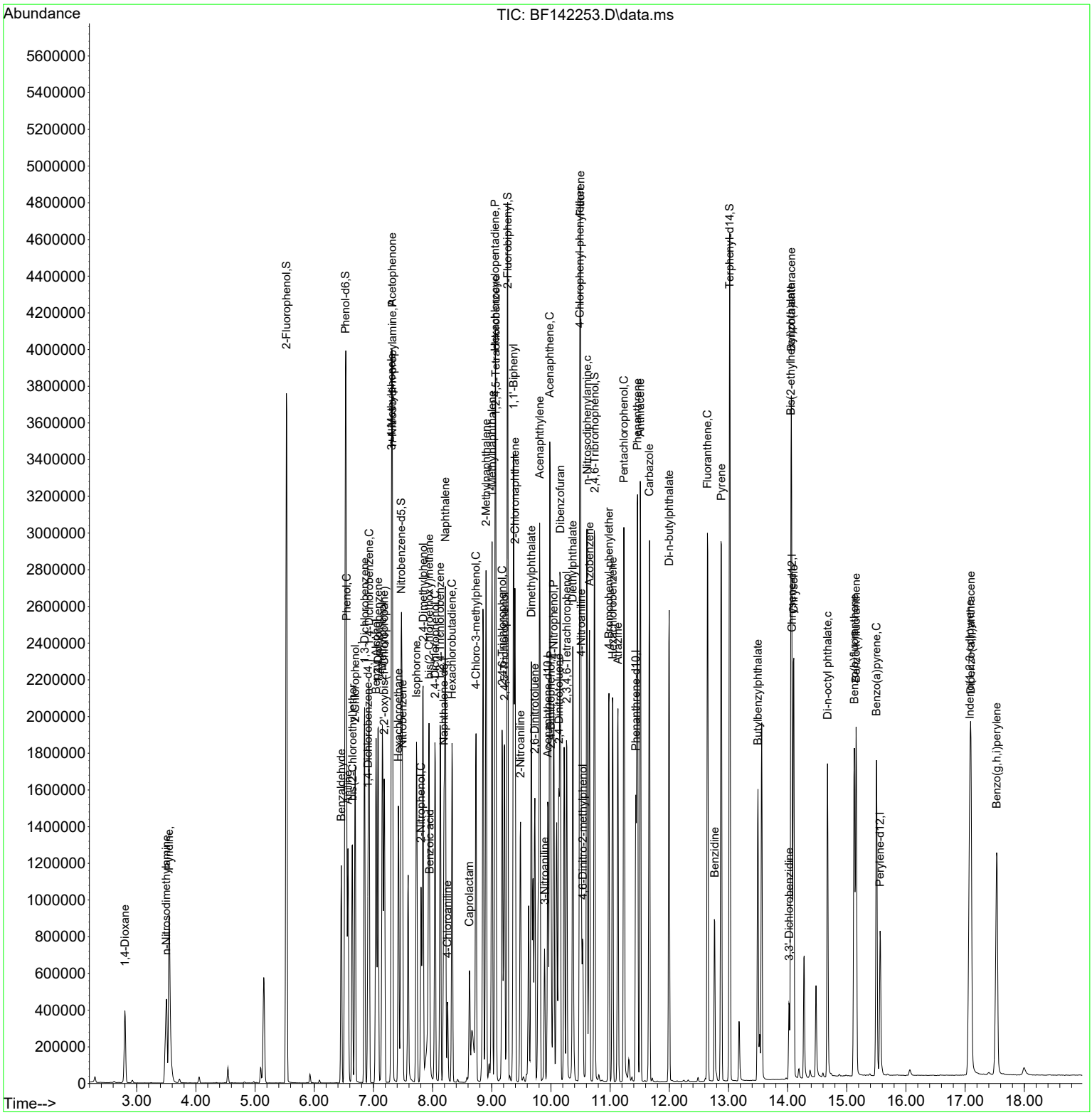
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142253.D
Acq On : 01 May 2025 11:42
Operator : RC/JU
Sample : PB167798BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 12:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167798BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025



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

Manual Integration Report

Sequence:	BF043025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142240.D	2,3,4,6-Tetrachlorophenol	Rahul	5/1/2025 11:26:17 AM	Jagrut	5/1/2025 1:17:43 PM	Peak Integrated by Software
SSTDICC020	BF142242.D	Benzoic acid	Rahul	5/1/2025 11:26:23 AM	Jagrut	5/1/2025 1:17:45 PM	Peak Integrated by Software
SSTDICCC040	BF142243.D	Benzoic acid	Rahul	5/1/2025 11:26:25 AM	Jagrut	5/1/2025 1:17:48 PM	Peak Integrated by Software
SSTDICC050	BF142244.D	Phenol	Rahul	5/1/2025 11:26:27 AM	Jagrut	5/1/2025 1:17:50 PM	Peak Integrated by Software
SSTDICC060	BF142245.D	Phenol	Rahul	5/1/2025 11:26:30 AM	Jagrut	5/1/2025 1:17:52 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Benzoic acid	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Phenol	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Benzoic acid	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Phenol	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf050125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142250.D	Benzoic acid	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
SSTDCCC040	BF142250.D	Phenol	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Benzoic acid	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Caprolactam	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BS	BF142252.D	Phenol	Rahul	5/2/2025 10:45:18 AM	Jagrut	5/2/2025 4:47:51 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Benzoic acid	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Caprolactam	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software
PB167798BSD	BF142253.D	Phenol	Rahul	5/2/2025 10:45:22 AM	Jagrut	5/2/2025 4:47:54 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM				
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM				
SubDirectory	BF043025	HP Acquire Method	BNA_F		HP Processing Method	BF043025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142238.D	30 Apr 2025 10:55	RC/JU	Ok
2	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24	RC/JU	Ok
3	SSTDICC005	BF142240.D	30 Apr 2025 11:52	RC/JU	Ok,M
4	SSTDICC010	BF142241.D	30 Apr 2025 12:20	RC/JU	Ok
5	SSTDICC020	BF142242.D	30 Apr 2025 12:49	RC/JU	Ok,M
6	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	RC/JU	Ok,M
7	SSTDICC050	BF142244.D	30 Apr 2025 13:46	RC/JU	Ok,M
8	SSTDICC060	BF142245.D	30 Apr 2025 14:15	RC/JU	Ok,M
9	SSTDICC080	BF142246.D	30 Apr 2025 14:43	RC/JU	Ok,M
10	SSTDICV040	BF142247.D	30 Apr 2025 16:17	RC/JU	Ok,M
11	PB167726BL	BF142248.D	30 Apr 2025 17:15	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM				
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM				
SubDirectory	BF050125	HP Acquire Method	BNA_F		HP Processing Method	BF043025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142249.D	01 May 2025 09:48	RC/JU	Ok
2	SSTDCCC040	BF142250.D	01 May 2025 10:17	RC/JU	Ok,M
3	PB167798BL	BF142251.D	01 May 2025 10:45	RC/JU	Ok
4	PB167798BS	BF142252.D	01 May 2025 11:13	RC/JU	Ok,M
5	PB167798BSD	BF142253.D	01 May 2025 11:42	RC/JU	Ok,M
6	PB167810BL	BF142254.D	01 May 2025 12:10	RC/JU	Ok
7	PB167810BS	BF142255.D	01 May 2025 12:39	RC/JU	Ok,M
8	PB167774TB	BF142256.D	01 May 2025 13:07	RC/JU	Ok
9	Q1890-01	BF142257.D	01 May 2025 13:40	RC/JU	Ok
10	Q1920-01	BF142258.D	01 May 2025 14:09	RC/JU	Ok,M
11	Q1914-14	BF142259.D	01 May 2025 14:37	RC/JU	Ok
12	Q1913-04	BF142260.D	01 May 2025 15:06	RC/JU	Ok
13	Q1915-01	BF142261.D	01 May 2025 15:34	RC/JU	Ok
14	Q1903-01	BF142262.D	01 May 2025 16:03	RC/JU	Ok
15	Q1903-02	BF142263.D	01 May 2025 16:31	RC/JU	Ok
16	Q1903-03	BF142264.D	01 May 2025 17:00	RC/JU	Ok
17	Q1906-01	BF142265.D	01 May 2025 17:29	RC/JU	Ok
18	Q1906-13	BF142266.D	01 May 2025 17:57	RC/JU	Ok
19	Q1901-06	BF142267.D	01 May 2025 18:26	RC/JU	Ok
20	Q1901-02	BF142268.D	01 May 2025 18:55	RC/JU	Ok,M
21	Q1901-02MS	BF142269.D	01 May 2025 19:24	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM				
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM				
SubDirectory	BF050125	HP Acquire Method	BNA_F		HP Processing Method	BF043025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1901-02MSD	BF142270.D	01 May 2025 19:52	RC/JU	Ok,M
23	Q1901-04	BF142271.D	01 May 2025 20:20	RC/JU	Ok
24	Q1901-05	BF142272.D	01 May 2025 20:49	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM		
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM		
SubDirectory	BF043025	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142238.D	30 Apr 2025 10:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142240.D	30 Apr 2025 11:52	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142241.D	30 Apr 2025 12:20		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142242.D	30 Apr 2025 12:49		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	Compound#32,48,51,53,57,62,65,80,84,85 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142244.D	30 Apr 2025 13:46	Compound#26,54 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142245.D	30 Apr 2025 14:15		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142246.D	30 Apr 2025 14:43		RC/JU	Ok,M
10	SSTDICV040	ICVBF043025	BF142247.D	30 Apr 2025 16:17		RC/JU	Ok,M
11	PB167726BL	PB167726BL	BF142248.D	30 Apr 2025 17:15		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142249.D	01 May 2025 09:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142250.D	01 May 2025 10:17		RC/JU	Ok,M
3	PB167798BL	PB167798BL	BF142251.D	01 May 2025 10:45		RC/JU	Ok
4	PB167798BS	PB167798BS	BF142252.D	01 May 2025 11:13		RC/JU	Ok,M
5	PB167798BSD	PB167798BSD	BF142253.D	01 May 2025 11:42		RC/JU	Ok,M
6	PB167810BL	PB167810BL	BF142254.D	01 May 2025 12:10		RC/JU	Ok
7	PB167810BS	PB167810BS	BF142255.D	01 May 2025 12:39		RC/JU	Ok,M
8	PB167774TB	PB167774TB	BF142256.D	01 May 2025 13:07		RC/JU	Ok
9	Q1890-01	TW-WTS-07	BF142257.D	01 May 2025 13:40		RC/JU	Ok
10	Q1920-01	291	BF142258.D	01 May 2025 14:09		RC/JU	Ok,M
11	Q1914-14	FB04282025	BF142259.D	01 May 2025 14:37		RC/JU	Ok
12	Q1913-04	WC-13-A-202504	BF142260.D	01 May 2025 15:06		RC/JU	Ok
13	Q1915-01	WC-04282025	BF142261.D	01 May 2025 15:34		RC/JU	Ok
14	Q1903-01	COMP-4	BF142262.D	01 May 2025 16:03		RC/JU	Ok
15	Q1903-02	COMP-5	BF142263.D	01 May 2025 16:31		RC/JU	Ok
16	Q1903-03	COMP-6	BF142264.D	01 May 2025 17:00		RC/JU	Ok
17	Q1906-01	WC-4	BF142265.D	01 May 2025 17:29		RC/JU	Ok
18	Q1906-13	WC-7	BF142266.D	01 May 2025 17:57		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1901-06	FB04262025	BF142267.D	01 May 2025 18:26		RC/JU	Ok
20	Q1901-02	B-167-SB01	BF142268.D	01 May 2025 18:55		RC/JU	Ok,M
21	Q1901-02MS	B-167-SB01MS	BF142269.D	01 May 2025 19:24		RC/JU	Ok,M
22	Q1901-02MSD	B-167-SB01MSD	BF142270.D	01 May 2025 19:52		RC/JU	Ok,M
23	Q1901-04	B-167-SB02	BF142271.D	01 May 2025 20:20		RC/JU	Ok
24	Q1901-05	B-170-SB02	BF142272.D	01 May 2025 20:49		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167798

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	04/30/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	04/30/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:00
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3926
Baked Na2SO4	N/A	EP2607
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH. Q1914-14 Added at 11:58 AM.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/30/25	RS (Ext-lab)	RC/SVOC
16:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167798

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

Concentration Date: 04/30/2025

Sample ID	Client Sample ID	Test	g / mL*	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167798BL	SBLK798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			SEP-1
PB167798BS	SLCS798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			2
PB167798BSD	SLCSD798	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			3
Q1890-01	TW-WTS-07	SVOCMS Group4	960	12	ritesh	Evelyn	1	F		4
Q1901-06	FB04262025	SVOC-TCL BNA -20	940	6	ritesh	Evelyn	1	I		5
Q1914-14	FB04282025	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		6

RS
4/30

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

167798
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1890 **WorkList ID :** 189223 **Department :** Extraction **Date :** 04-30-2025 08:30:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1890-01	TW-WTS-07	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	L41	04/24/2025	8270E
Q1901-06	FB04262025	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E

Date/Time 04/30/25 8:30
Raw Sample Received by: RJ (EXT (gb)
Raw Sample Relinquished by: SM

Date/Time 4/30/25 9:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EXT (gb)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1914 **WorkList ID :** 189229 **Department :** Extraction **Date :** 04-30-2025 10:58:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1914-14	FB04282025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	04/28/2025	8270E

Date/Time 4/30/25 10:58

Raw Sample Received by: RJ (Ext. lab)

Raw Sample Relinquished by: CP SM

Date/Time 4/30/25 11:15

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RJ (Ext-lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q1890

COC Number:

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY: **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Austin Farmerie**
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: Austin Farmerie
E-MAIL: **afarmerie@entact.com**
PHONE: **412-716-1366** FAX:

BILLING INFORMATION

BILL TO: **ENTACT, LLC** PO# **E9309**
ADDRESS: **999 Oakmont Plaza Drive, Suite 300**
CITY: **Westmont** STATE: **IL** ZIP: **60559**
ATTENTION: **Wendy Murray** PHONE: **800-936-8228**

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: _____ DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____
- ☐ EDD Format _____

ANALYSIS

	SVOC-TCL BNA-20	Flash Point	PCB	BOD5	TSS	VOC-TCLVOA-10	Metals ICP-TAL		
	1	2	3	4	5	6	7	8	9
PRESERVATIVES	E	E	E	E	E	A	B		
	1	2	3	4	5	6	7	8	9

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles
1.	TW-WTS-07	Surface Water		X	4/24	15:00	7
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

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

	DATE/TIME		
RELINQUISHED BY SAMPLER 1. Austin Farmerie	04/24/25 15:00	RECEIVED BY 1.	1100 4-25-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 1628 4-25-25	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.1°C ☐ Ice in Cooler?: _____

Comments: Temp 4.1°C Adjustment factor +1.3 IR Gun #1
PH 1.3 Lot #80A0441

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1890 ENTA05
Client Name : ENTACT
Client Contact : Jarod Stanfield
Invoice Name : ENTACT
Invoice Contact : Jarod Stanfield

Order Date : 4/25/2025 11:37:00 AM
Project Name : 540 Degraw St, Brooklyn, N
Receive DateTime : 4/25/2025 ~~12:00:00~~ AM 16:28
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1890-01	TW-WTS-07	Water	04/24/2025	15:00	VOCMS Group4		8260-Low		5 Bus. Days

Relinguished By :
Date / Time : ~~4/25/25~~ 1640

*Samples in (SM) Frig @ 1640.

Received By :
Date / Time : 04/28/25 8:30

Rej #4

Storage Area : VOA Refridgerator Room