

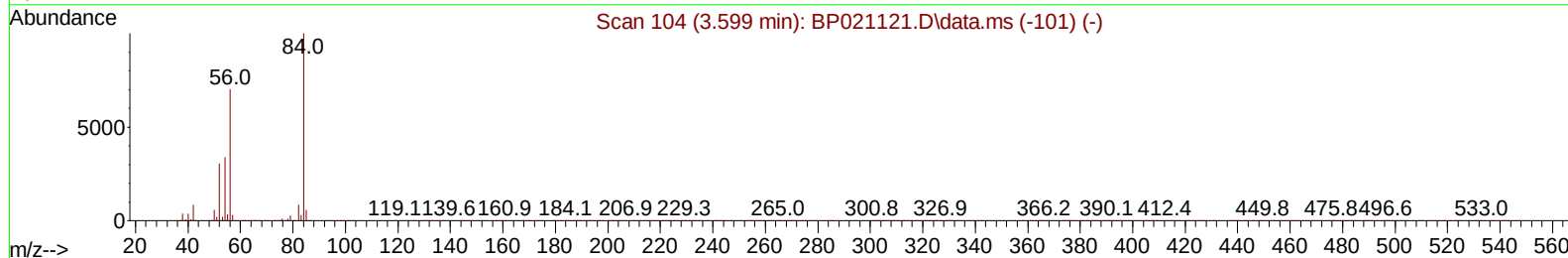
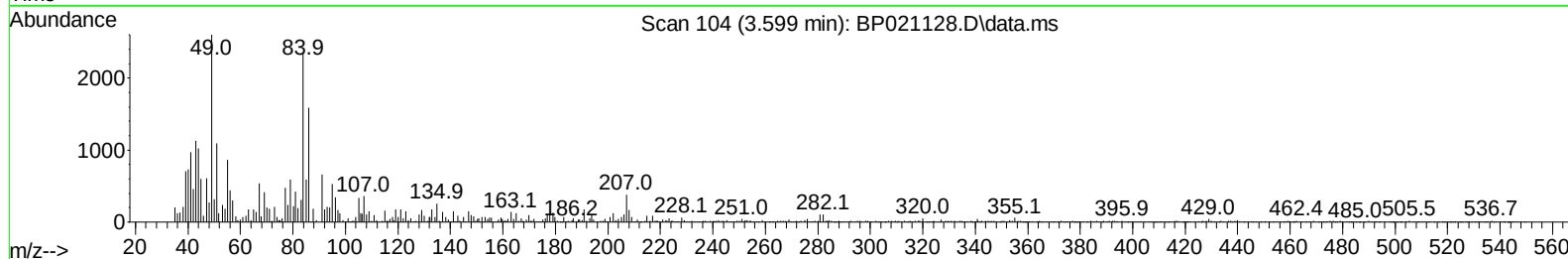
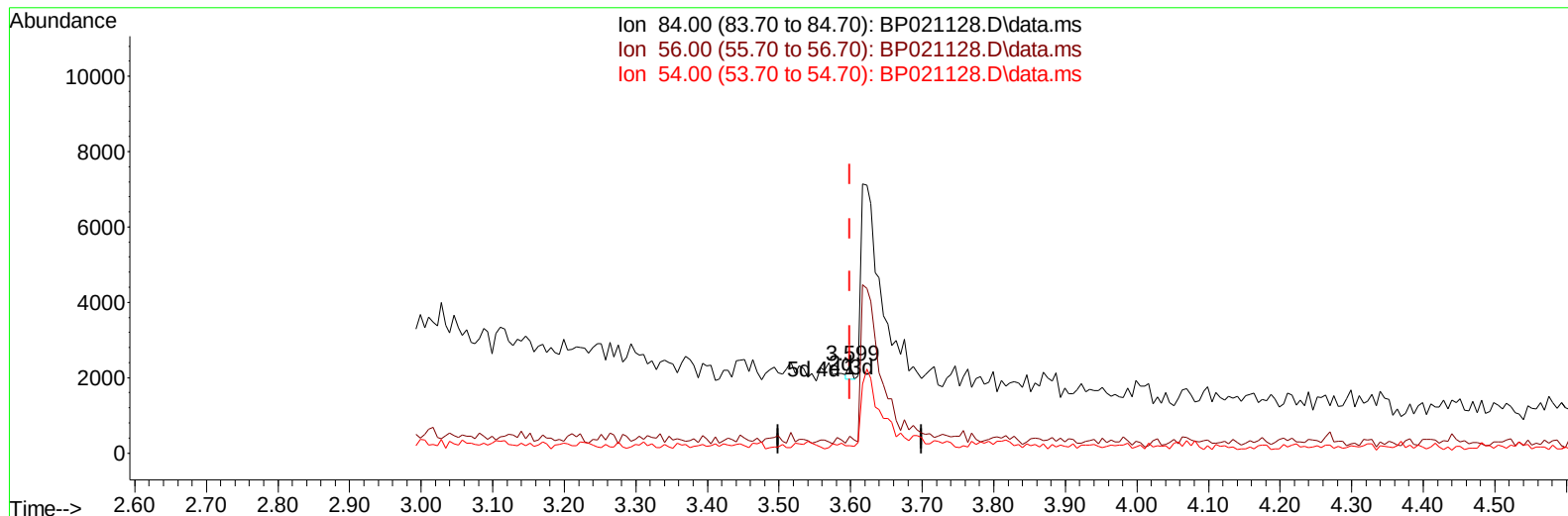
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(4) Pyridine-d5 (S)

3.599min (-0.000) 0.01 ng/u1

response 136

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	18.89#
54.00	34.30	8.08#
0.00	0.00	0.00

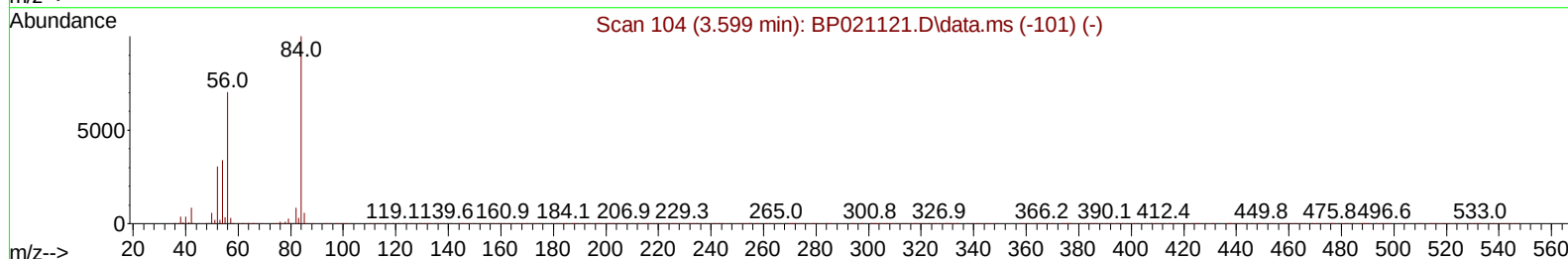
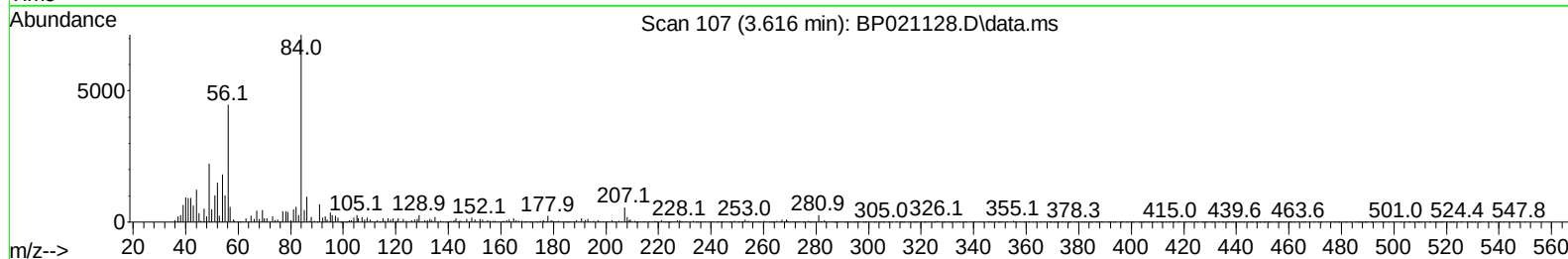
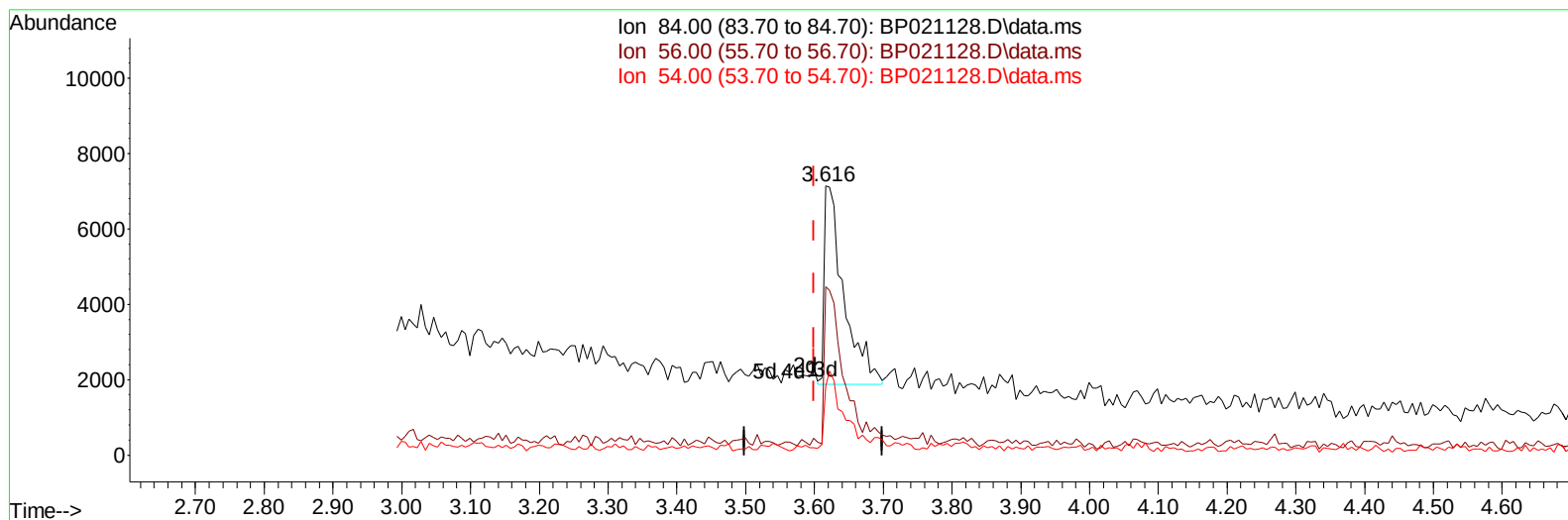
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021128.D
 Acq On : 24 Jul 2024 15:01
 Operator : MA/JU
 Sample : P3238-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 22:49:22 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(4) Pyridine-d5 (S)

3.616min (+ 0.017) 1.00 ng/ul m

response 10363

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	70.20	62.63
54.00	34.30	25.53#
0.00	0.00	0.00

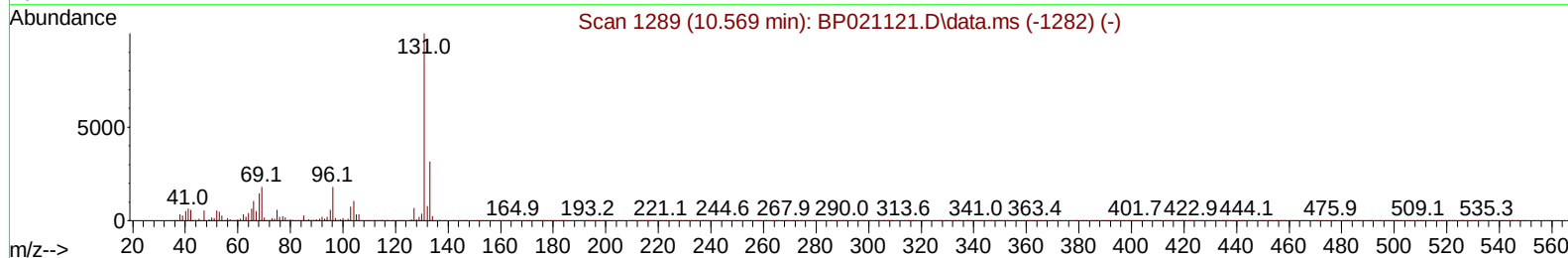
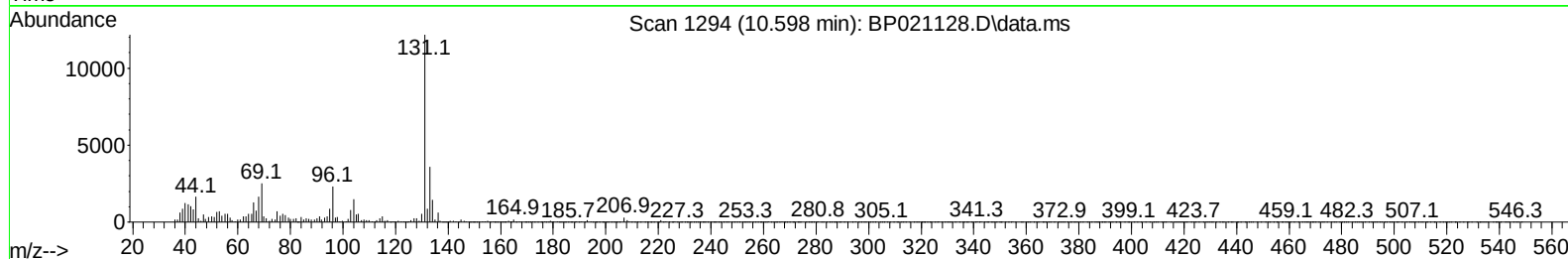
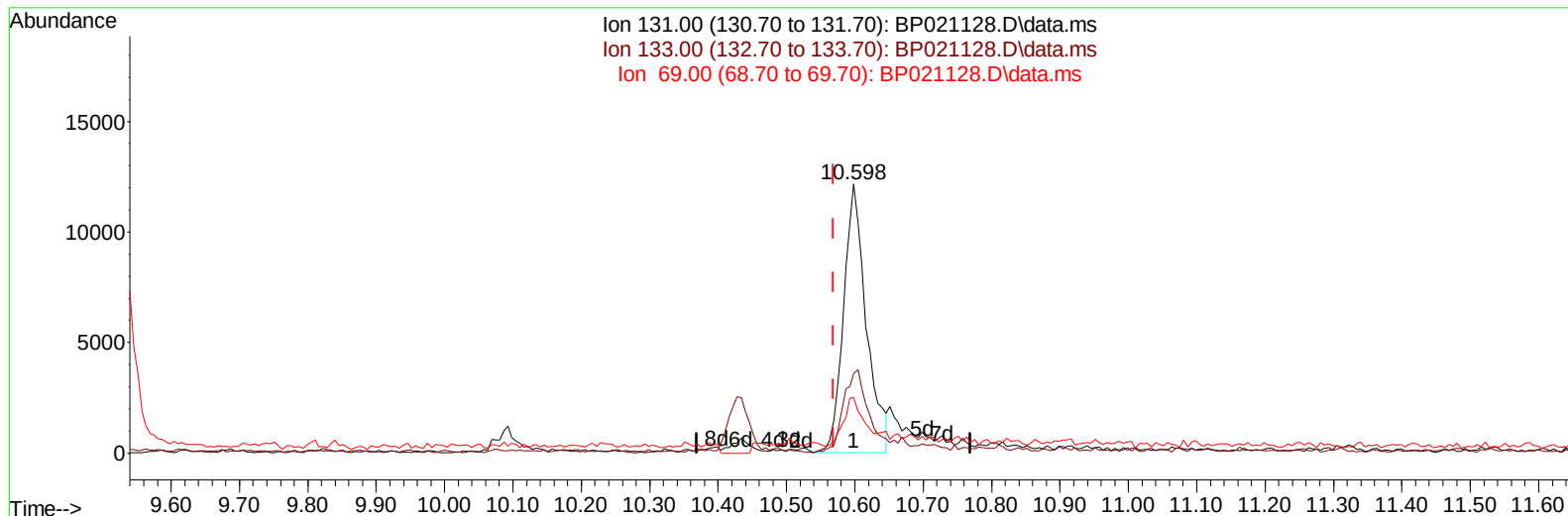
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
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TIC: BP021128.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (+ 0.029) 2.18 ng/u1

response 28043

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	29.63
69.00	17.40	20.65
0.00	0.00	0.00

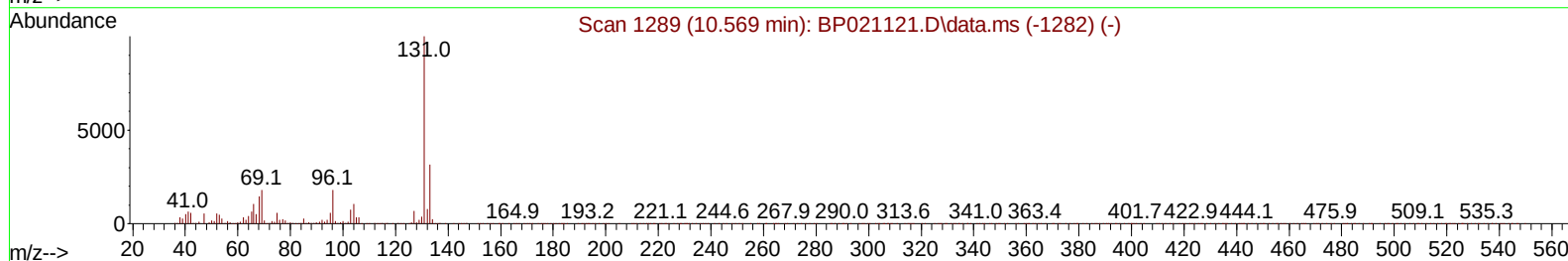
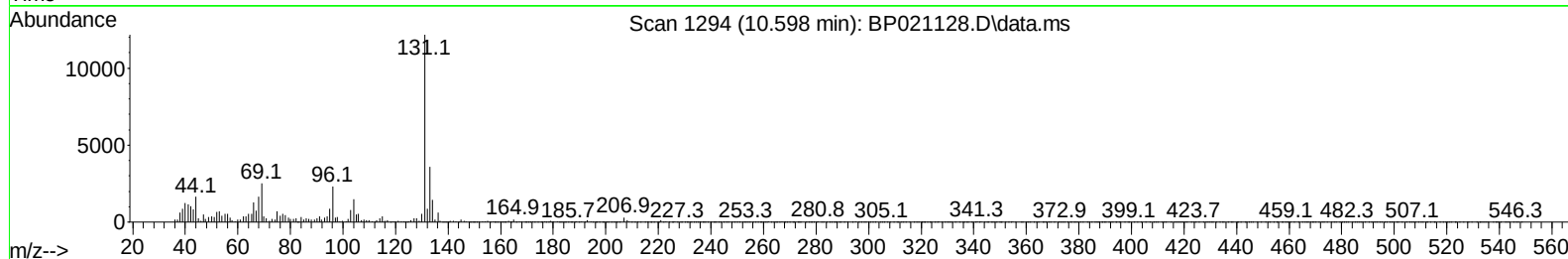
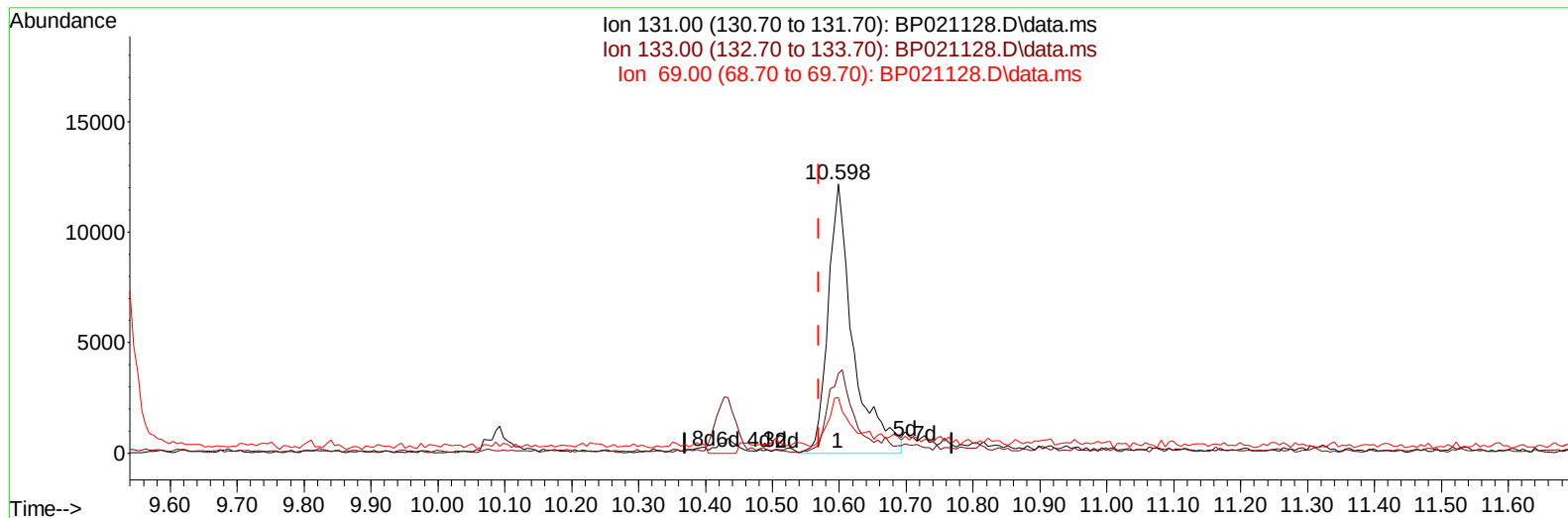
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (+ 0.029) 2.46 ng/ul m

response 31615

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	29.63
69.00	17.40	20.65
0.00	0.00	0.00

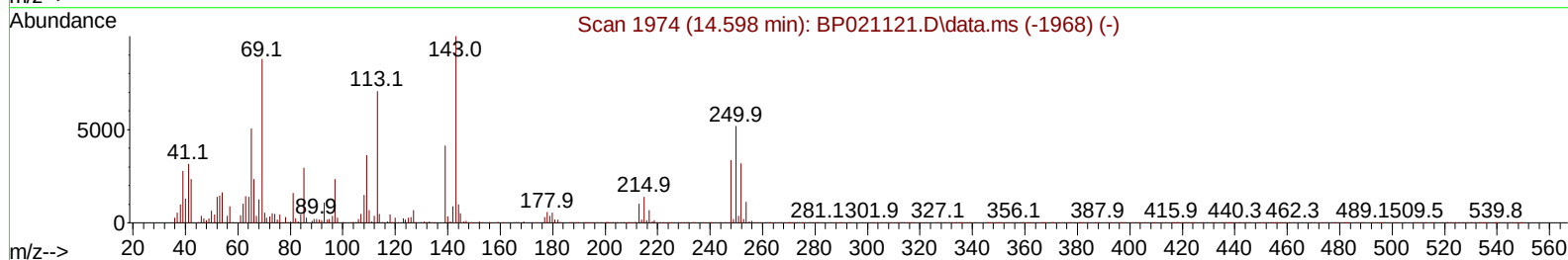
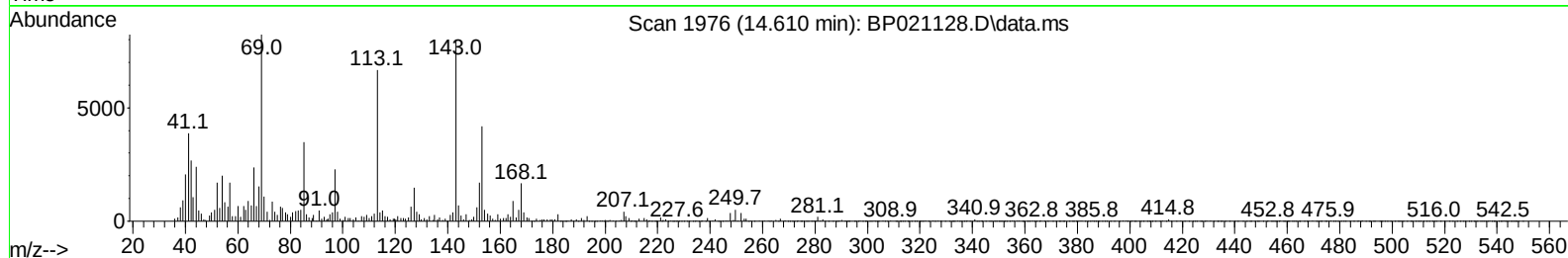
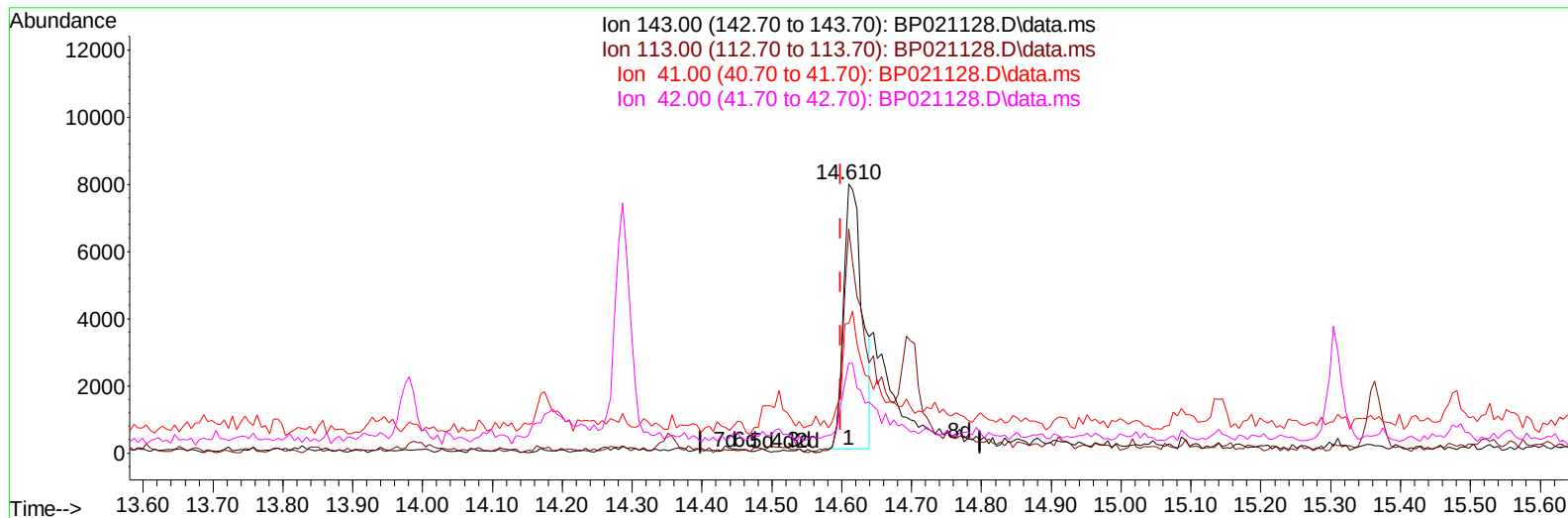
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.012) 3.84 ng/ul

response 14882

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	83.26
41.00	37.90	48.34#
42.00	27.10	33.46#

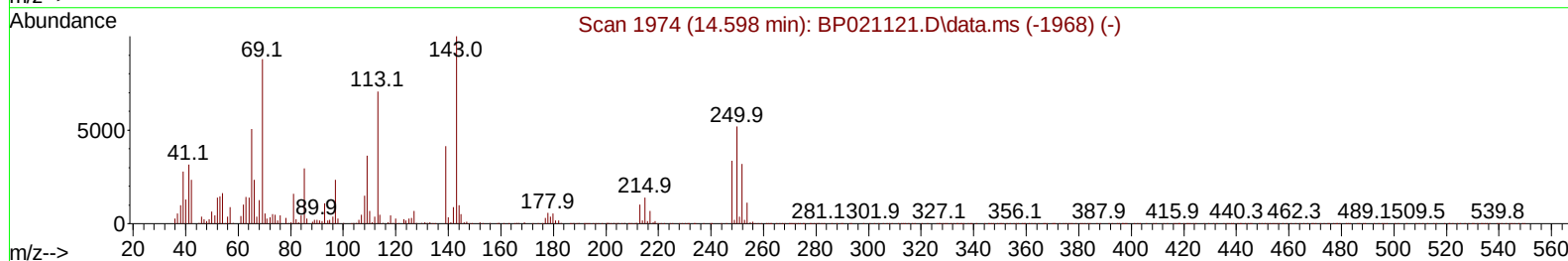
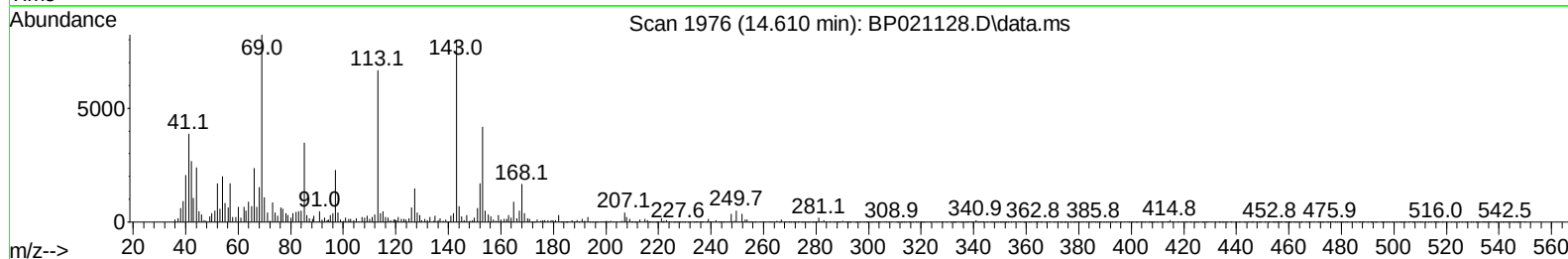
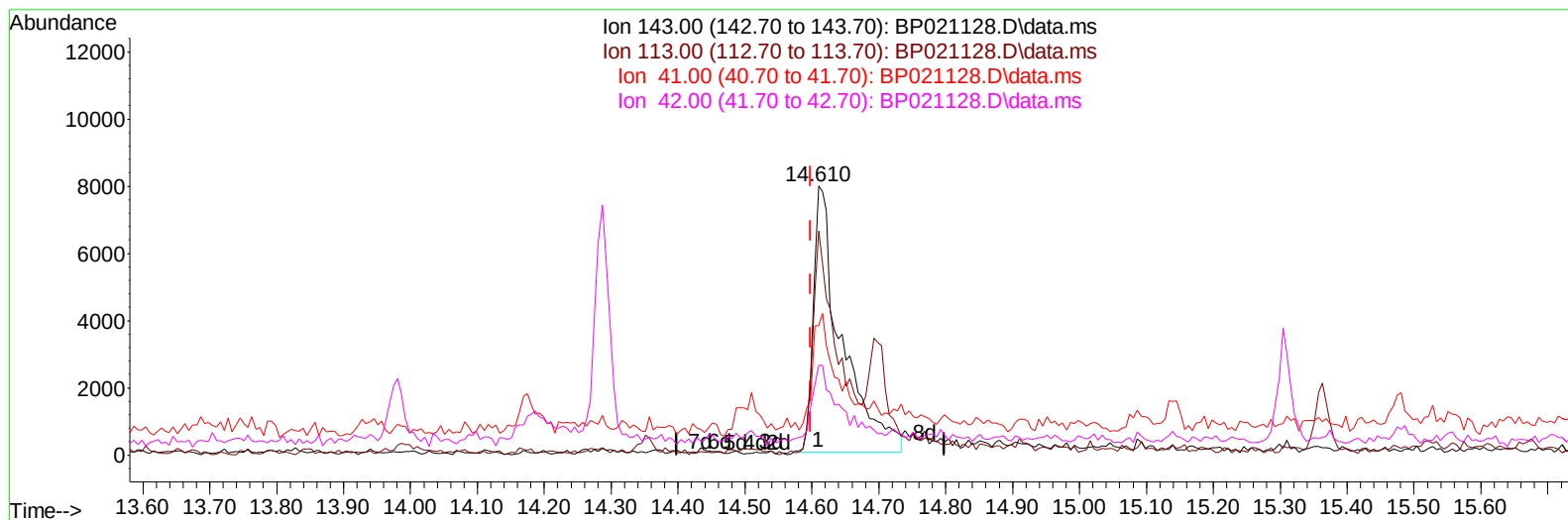
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Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.012) 5.97 ng/ul m

response 23173

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	83.26
41.00	37.90	48.34#
42.00	27.10	33.46#

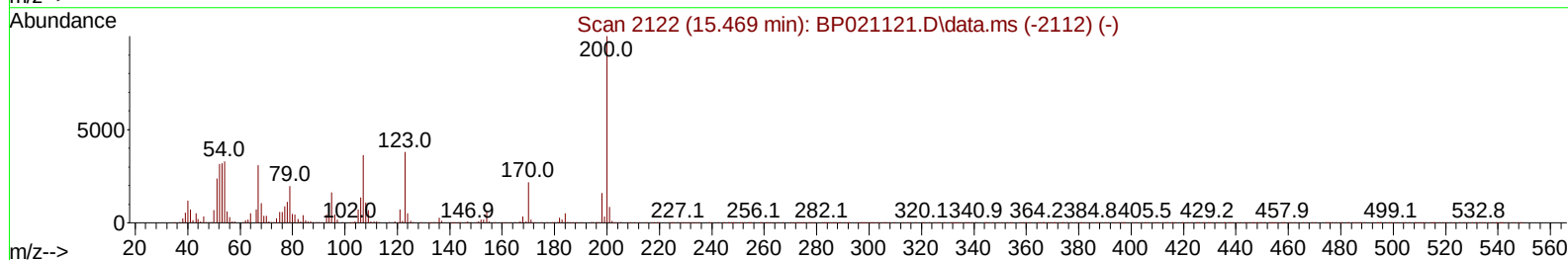
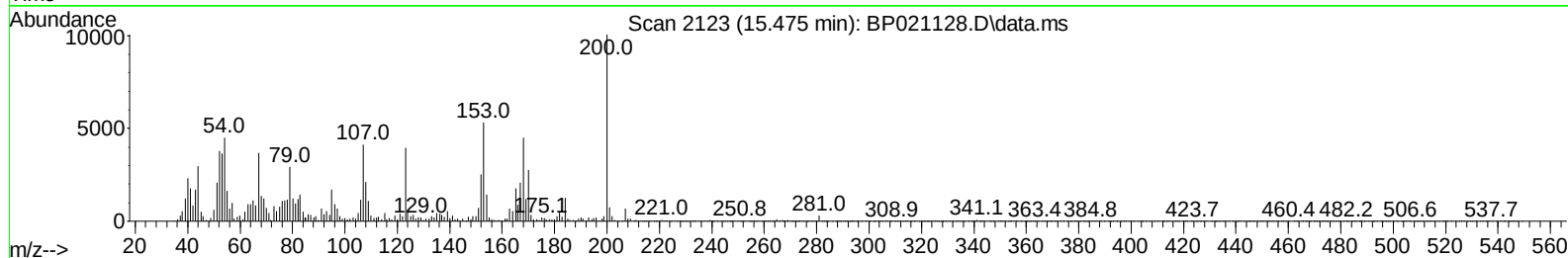
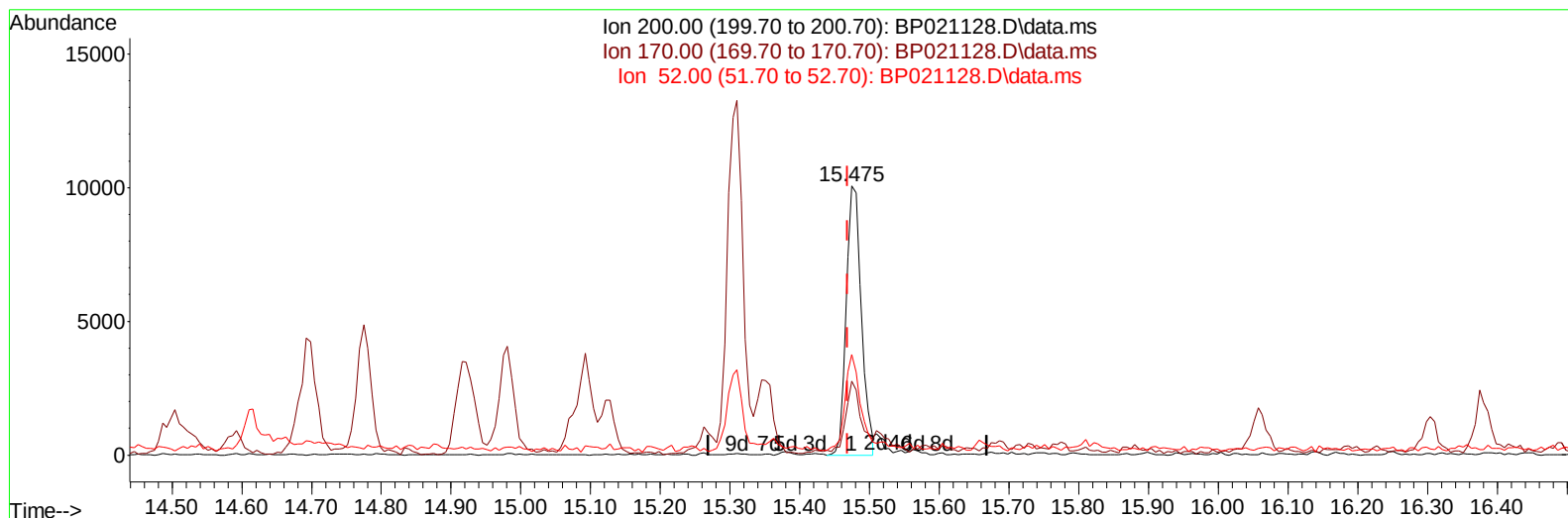
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.475min (+ 0.006) 3.06 ng/u1

response 15097

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	27.51#
52.00	38.50	37.49
0.00	0.00	0.00

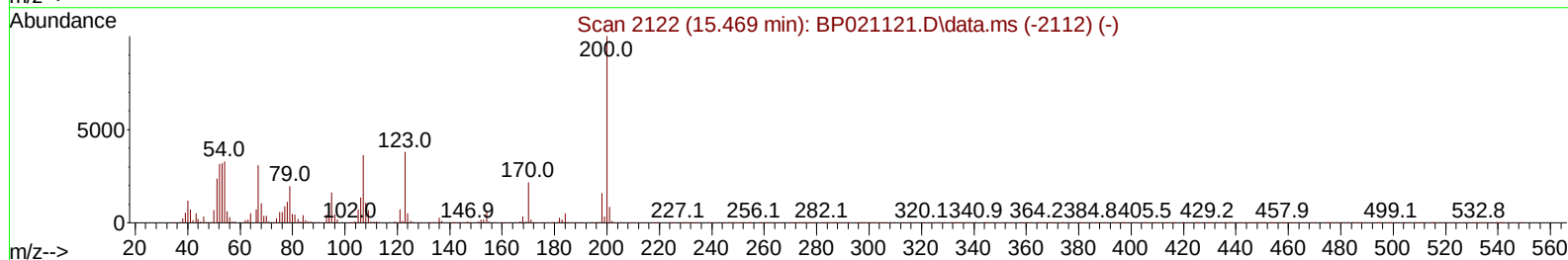
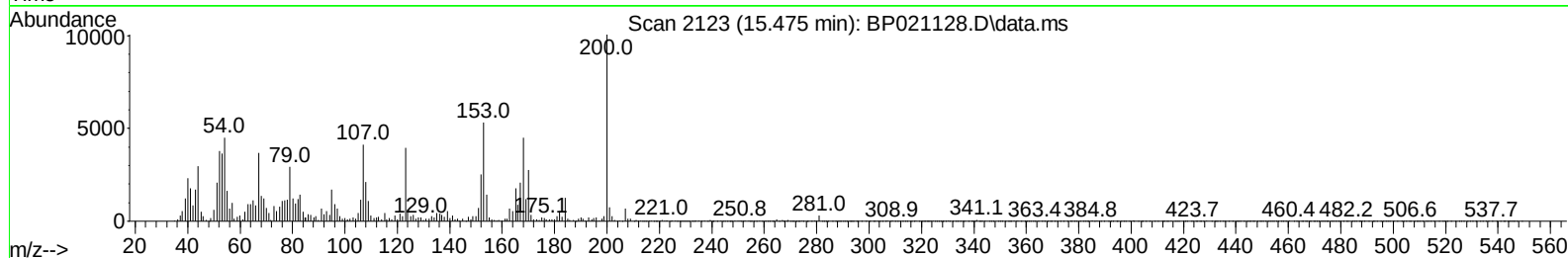
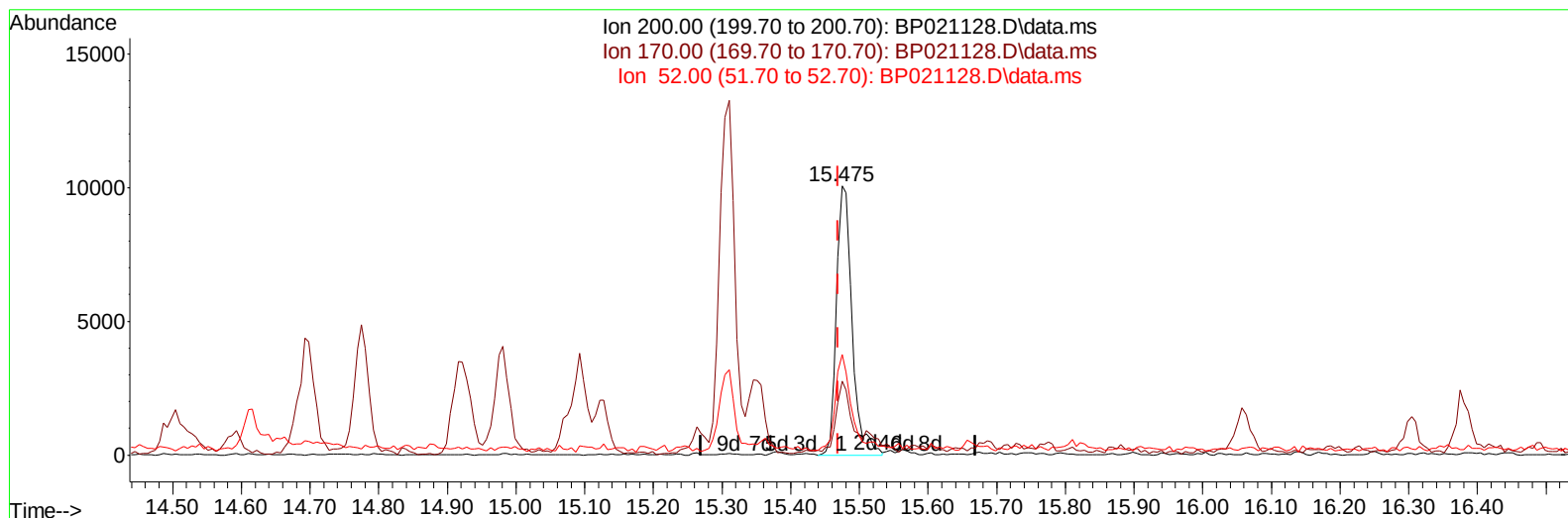
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.475min (+ 0.006) 3.21 ng/ul m

response 15799

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	27.51#
52.00	38.50	37.49
0.00	0.00	0.00

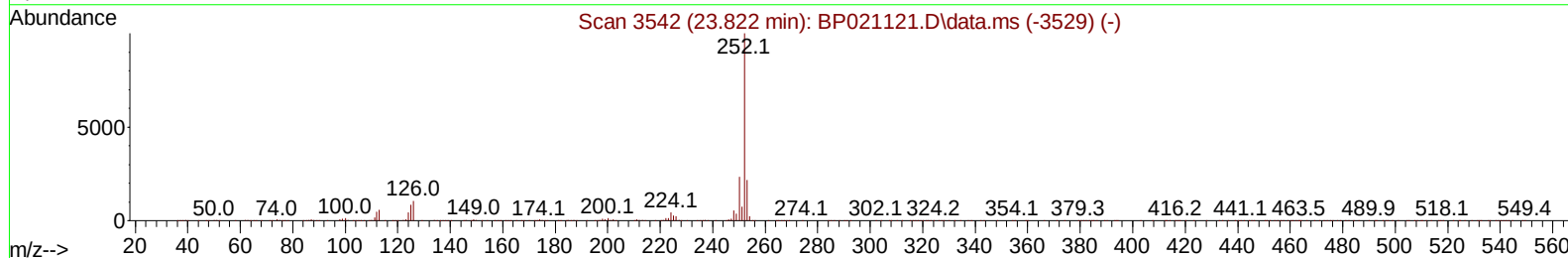
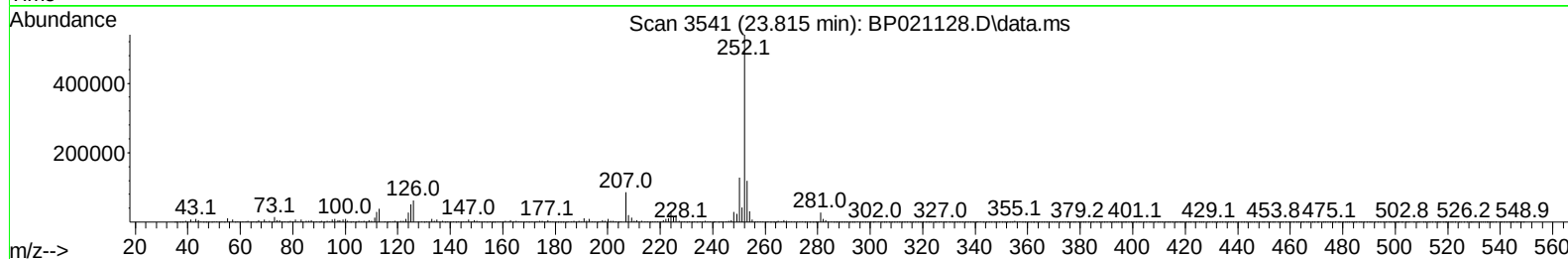
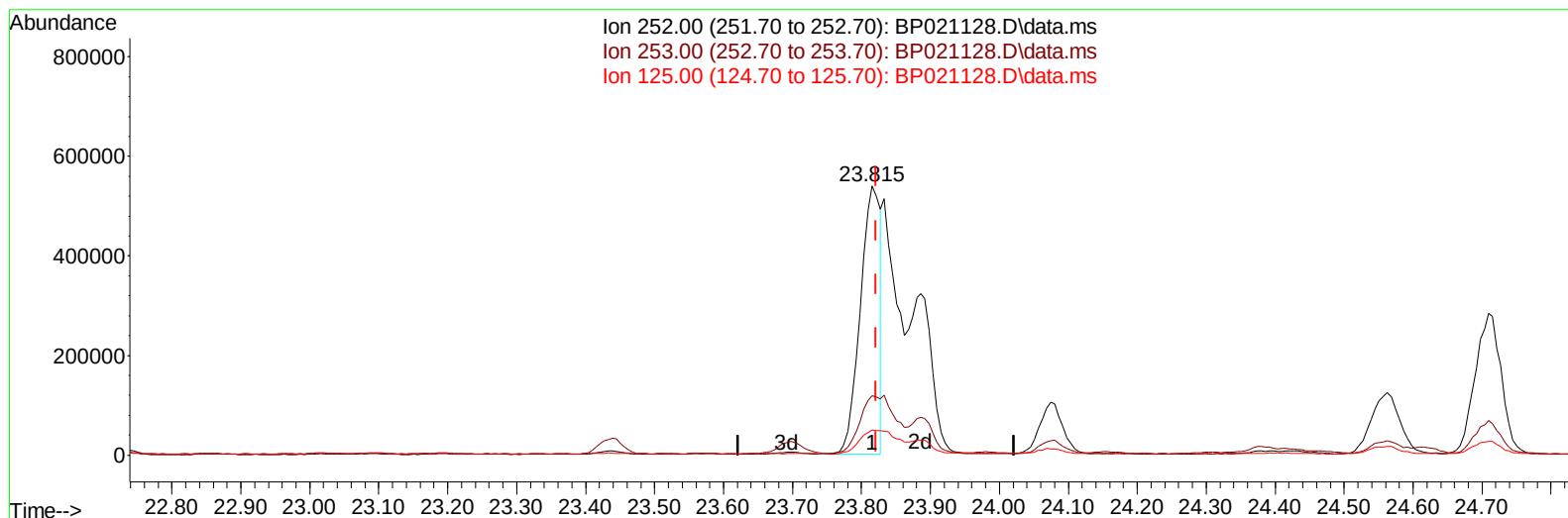
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 22:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(90) Benzo(b)fluoranthene

23.815min (-0.006) 16.17 ng/u1

response 1090686

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.15
125.00	8.70	9.34
0.00	0.00	0.00

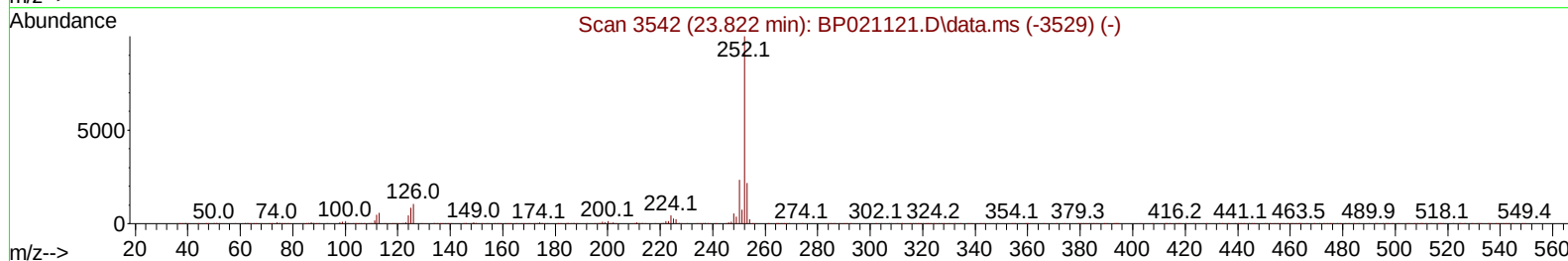
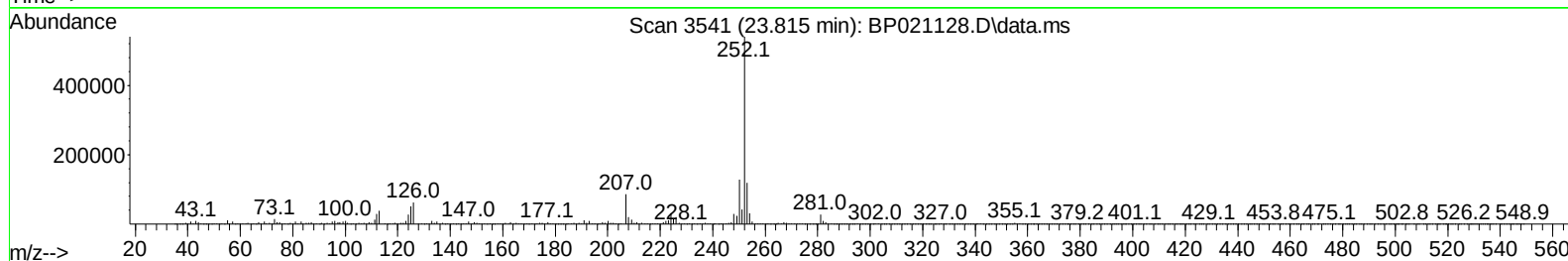
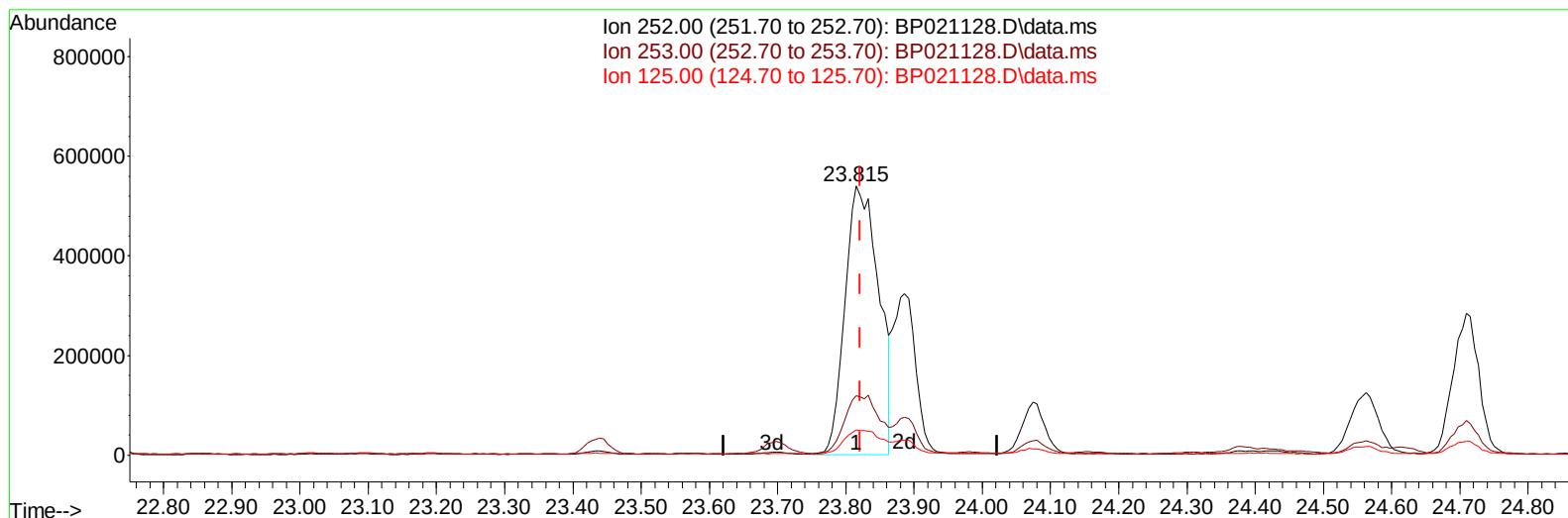
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(90) Benzo(b)fluoranthene

23.815min (-0.006) 27.36 ng/ul m

response 1845792

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.15
125.00	8.70	9.34
0.00	0.00	0.00

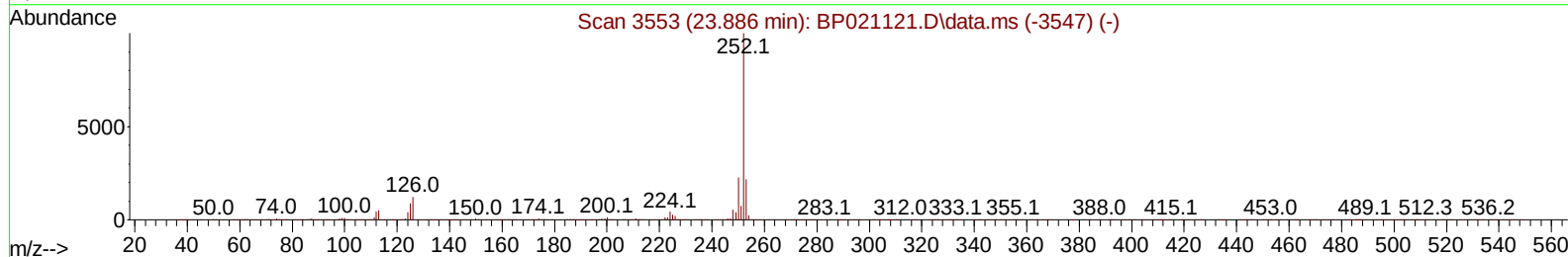
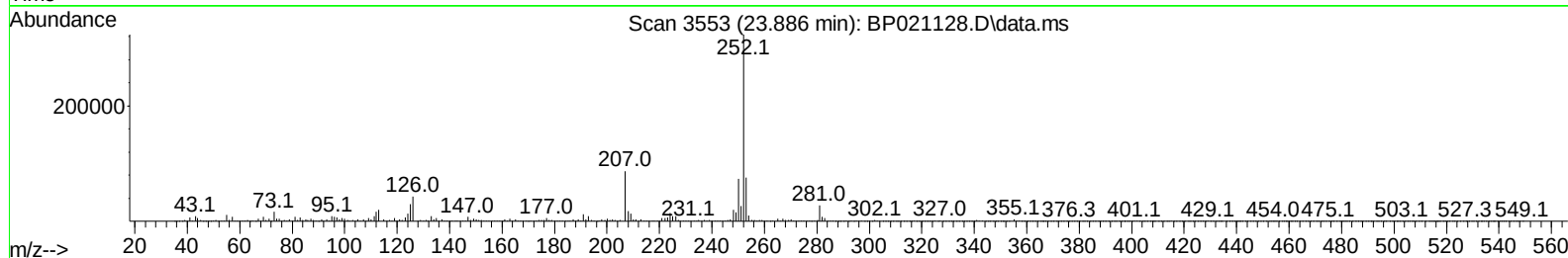
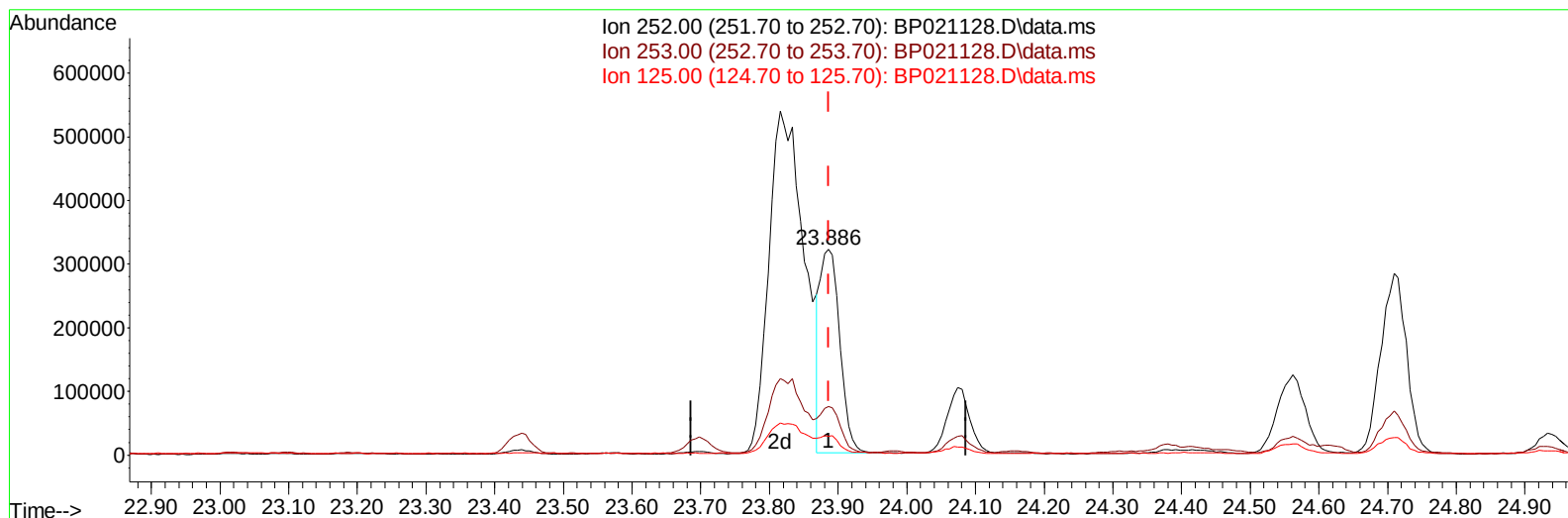
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(91) Benzo(k)fluoranthene

23.886min (-0.000) 9.39 ng/u1

response 631922

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.55
125.00	9.20	9.20
0.00	0.00	0.00

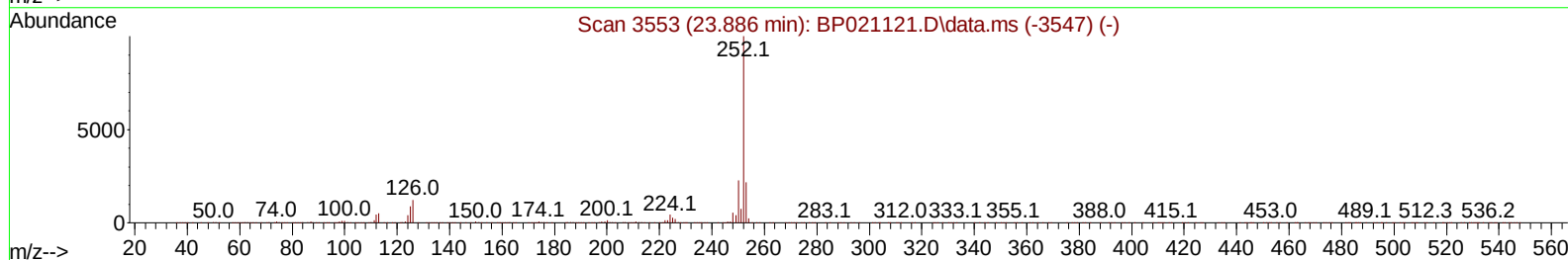
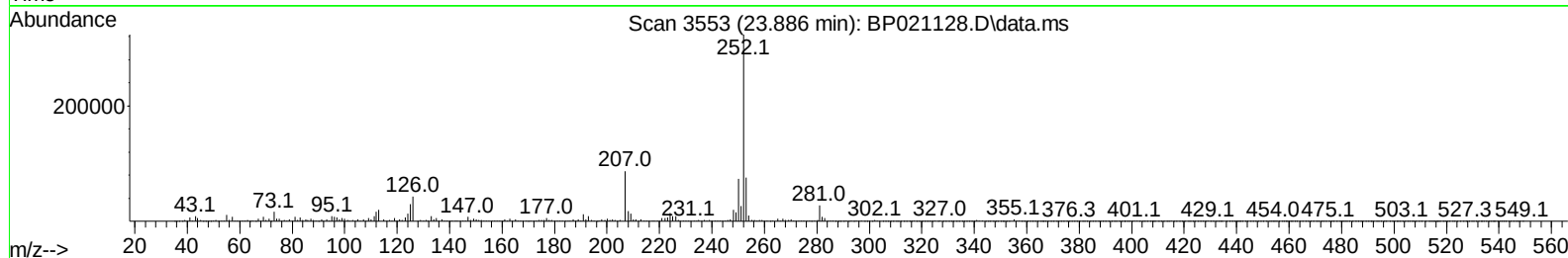
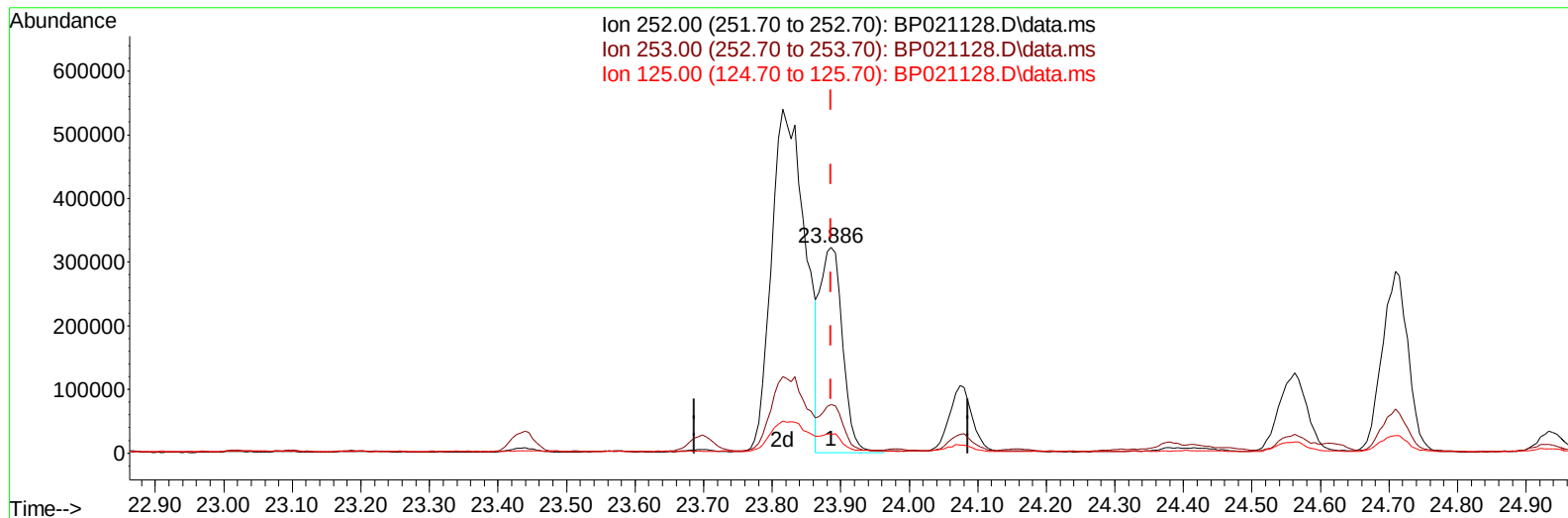
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(91) Benzo(k)fluoranthene

23.886min (-0.000) 10.94 ng/u1 m

response 736654

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.55
125.00	9.20	9.20
0.00	0.00	0.00

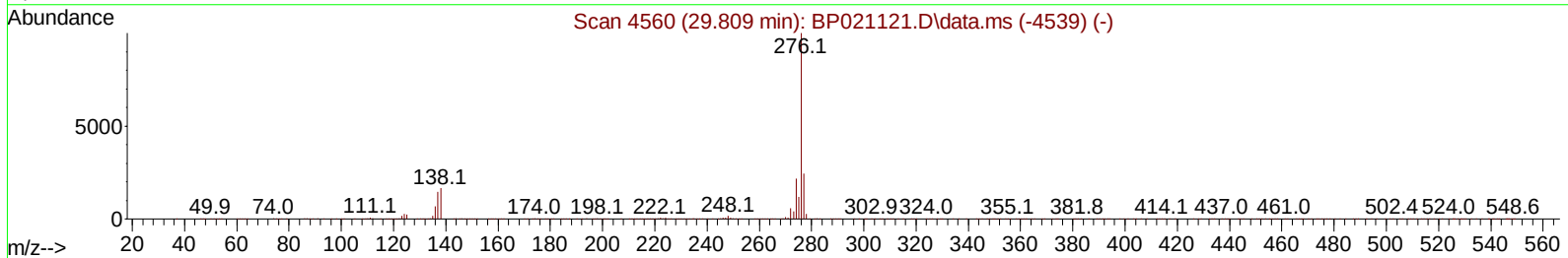
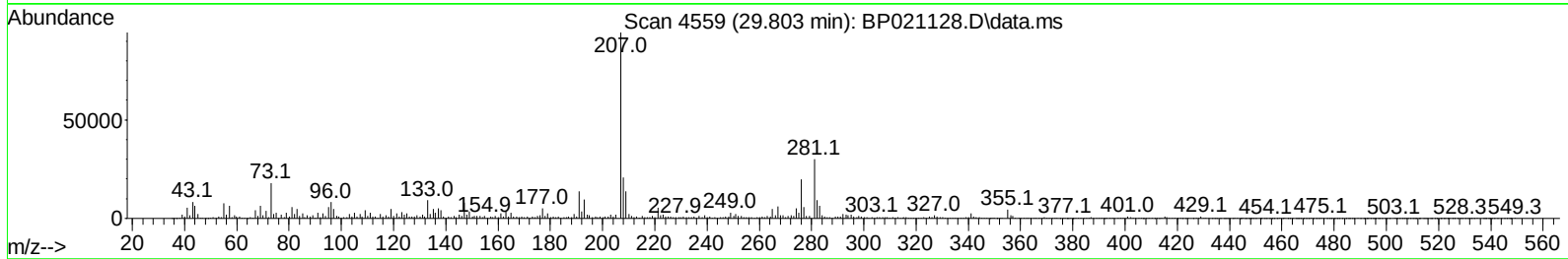
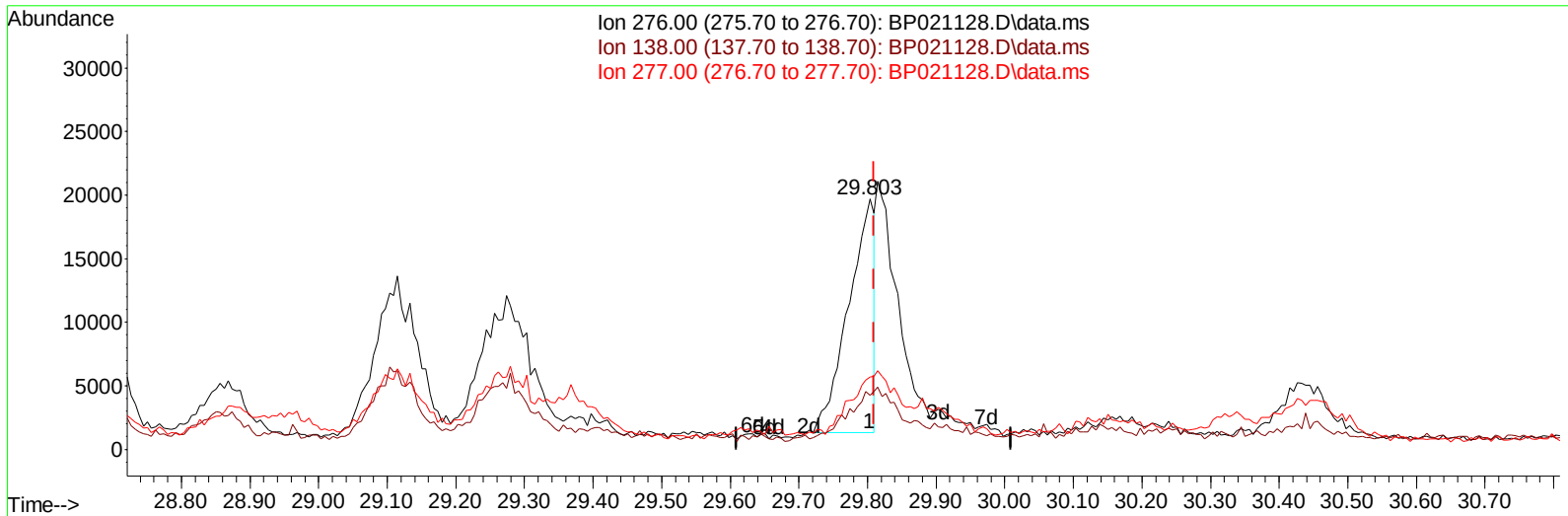
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(96) Benzo(g,h,i)perylene

29.803min (-0.006) 0.72 ng/u1

response 48221

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	21.49
277.00	22.70	28.91#
0.00	0.00	0.00

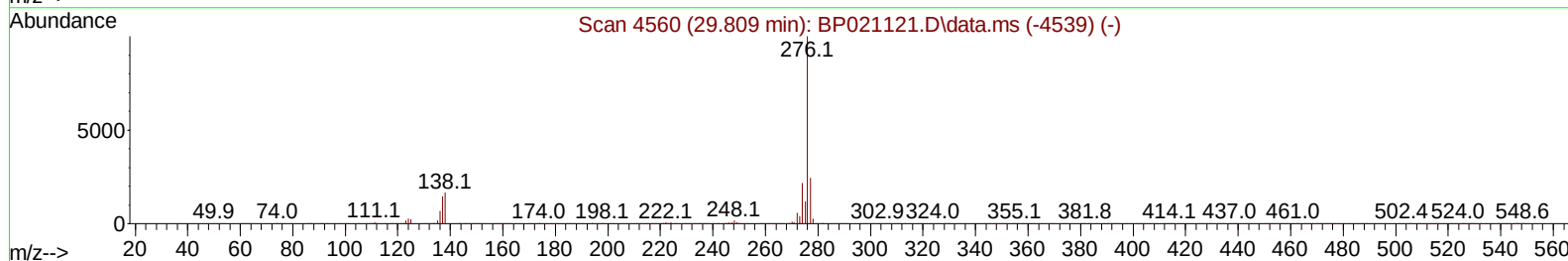
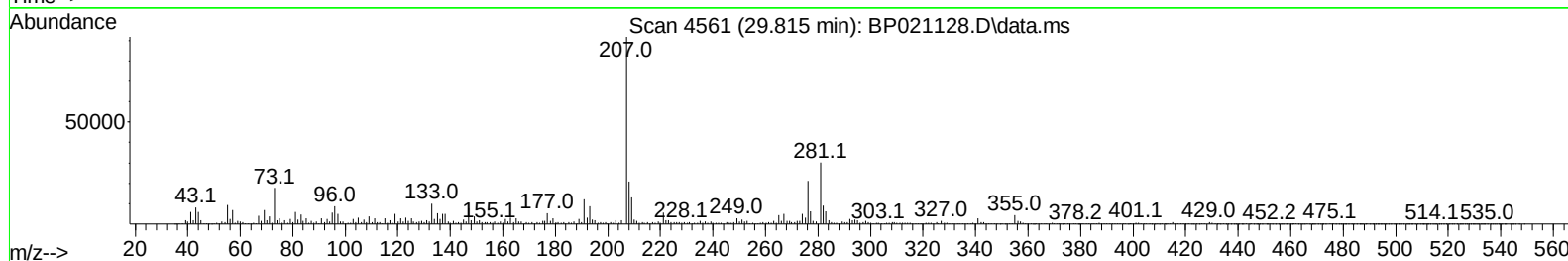
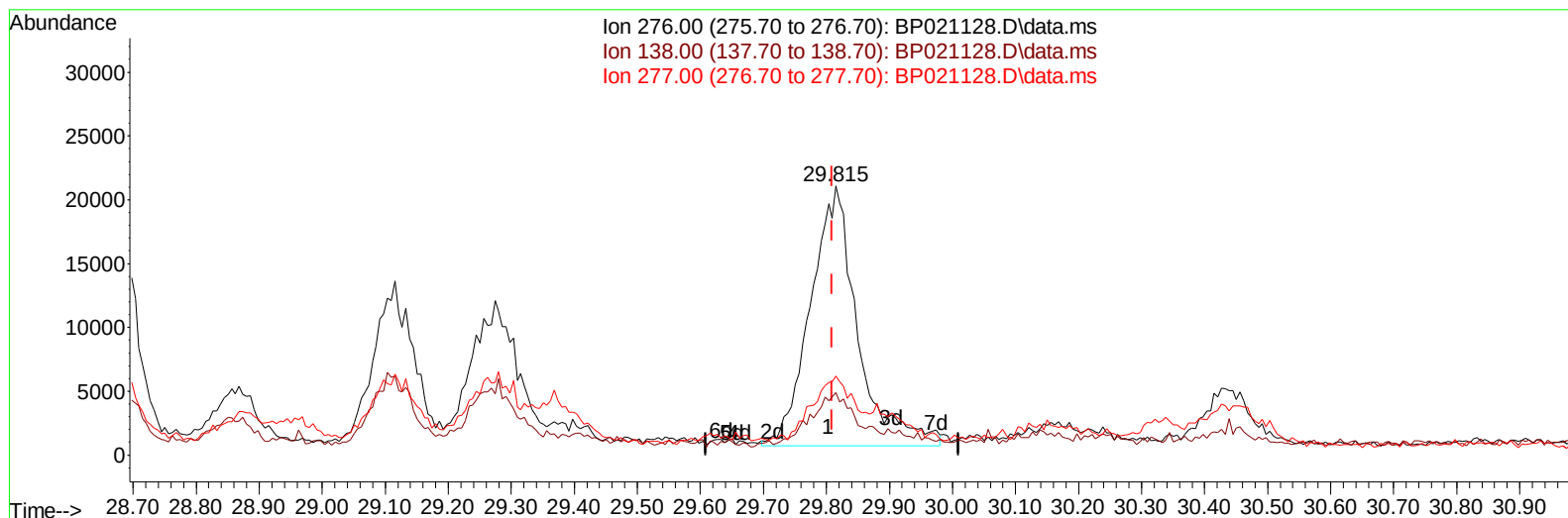
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021128.D
Acq On : 24 Jul 2024 15:01
Operator : MA/JU
Sample : P3238-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021128.D\data.ms

(96) Benzo(g,h,i)perylene

29.815min (+ 0.006) 1.59 ng/u l m

response 106050

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	23.13#
277.00	22.70	29.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021128.D
 Acq On : 24 Jul 2024 15:01
 Operator : MA/JU
 Sample : P3238-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:10:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 22:49:22 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	162803	20.000	ng/ul	0.00
20) Naphthalene-d8	10.428	136	602882	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	375082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	814416	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	845671	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	1111544	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4094	1.144	ng/uL	0.00
4) Pyridine-d5	3.616	84	10363m	1.001	ng/ul	0.02
7) Phenol-d5	6.875	99	80534	6.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	48691	6.053	ng/ul	0.01
11) 2-Chlorophenol-d4	7.205	132	70147	6.414	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	58861	5.339	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	31556	6.739	ng/ul	0.02
24) 2-Nitrophenol-d4	9.534	143	35440	6.612	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.087	165	63673	6.570	ng/ul	0.01
31) 4-Chloroaniline-d4	10.598	131	31615m	2.462	ng/ul	0.03
46) Dimethylphthalate-d6	13.698	166	193354	7.091	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	222416	7.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	23173m	5.973	ng/ul	0.01
60) Fluorene-d10	15.310	176	173562	7.759	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	15799m	3.206	ng/ul	0.00
73) Anthracene-d10	17.204	188	268929	7.435	ng/ul	0.00
81) Pyrene-d10	19.592	212	299558	5.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.639	264	284997	5.199	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.475	128	72092	2.273	ng/ul	99
36) 2-Methylnaphthalene	12.093	142	25499	1.171	ng/ul	98
37) 1-Methylnaphthalene	12.316	142	22895	1.023	ng/ul#	94
52) Acenaphthene	14.351	153	105884	4.602	ng/ul	98
56) Dibenzofuran	14.698	168	104063	3.303	ng/ul	99
61) Fluorene	15.363	166	126349	4.914	ng/ul	98
72) Phenanthrene	17.145	178	2373213	56.173	ng/ul	99
74) Anthracene	17.245	178	513414	11.920	ng/ul	100
77) Carbazole	17.539	167	233767	6.639	ng/ul	100
80) Fluoranthene	19.239	202	3278777	51.929	ng/ul	99
82) Pyrene	19.622	202	2267407	35.290	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1498244	25.291	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	56479	1.466	ng/ul#	97
87) Chrysene	21.598	228	1490913	27.085	ng/ul	97
90) Benzo(b)fluoranthene	23.815	252	1845792m	27.364	ng/ul	
91) Benzo(k)fluoranthene	23.886	252	736654m	10.943	ng/ul	
93) Benzo(a)pyrene	24.709	252	748559	11.743	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.615	276	700636	8.530	ng/ul	98
95) Dibenzo(a,h)anthracene	28.674	278	258036	3.794	ng/ul	93
96) Benzo(g,h,i)perylene	29.815	276	106050m	1.585	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4BE6DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/25/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
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ALS Vial : 9 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:10:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 22:49:22 2024
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