

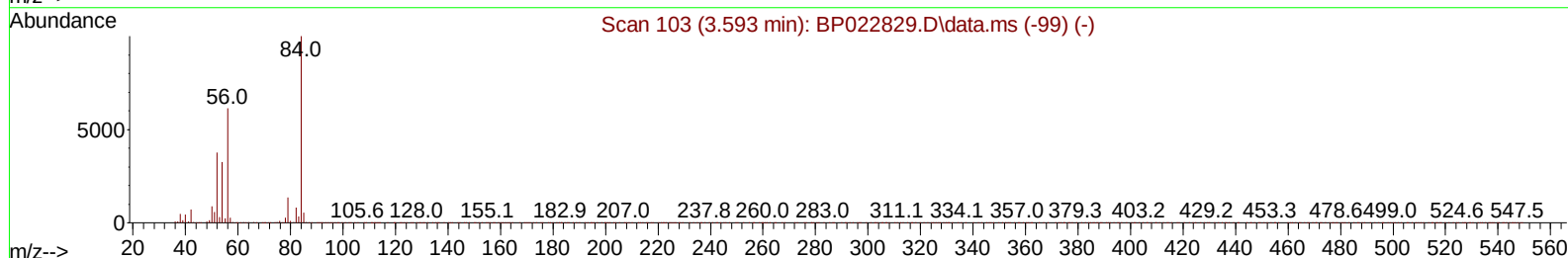
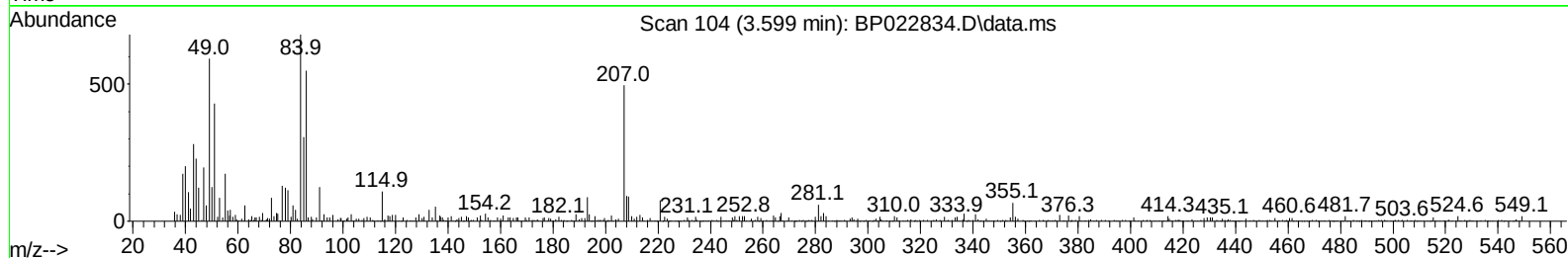
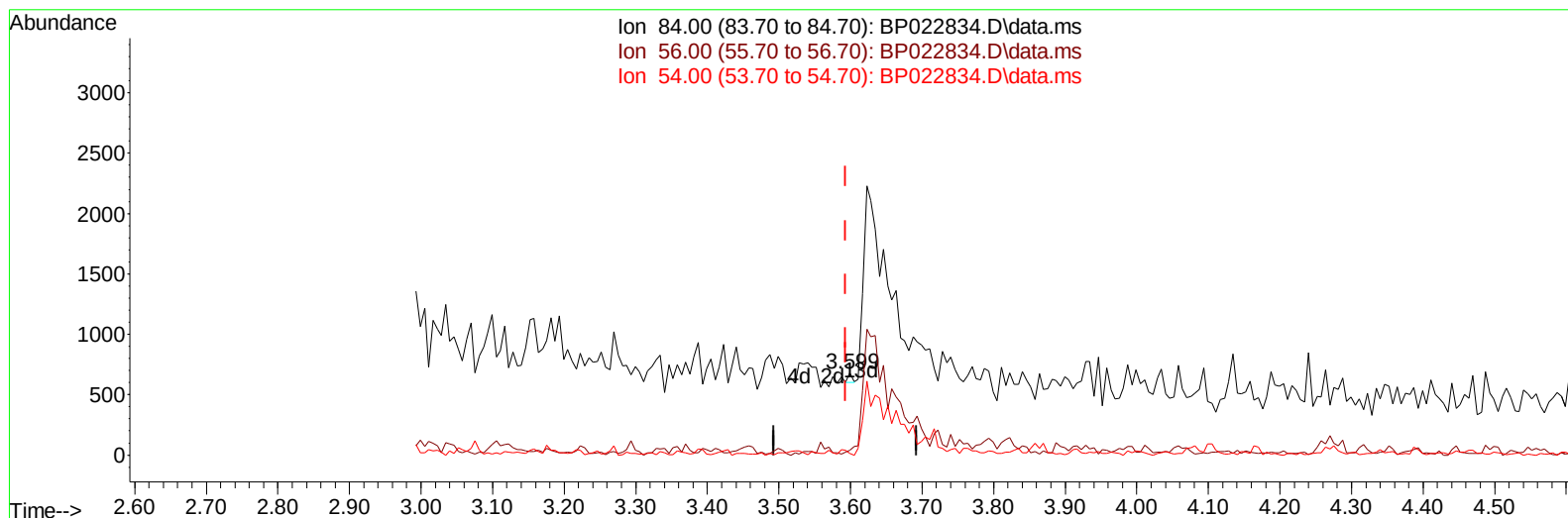
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

(4) Pyridine-d5 (S)

3.599min (+ 0.006) 0.01 ng/u1

response 29

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	8.97#
54.00	30.90	2.21#
0.00	0.00	0.00

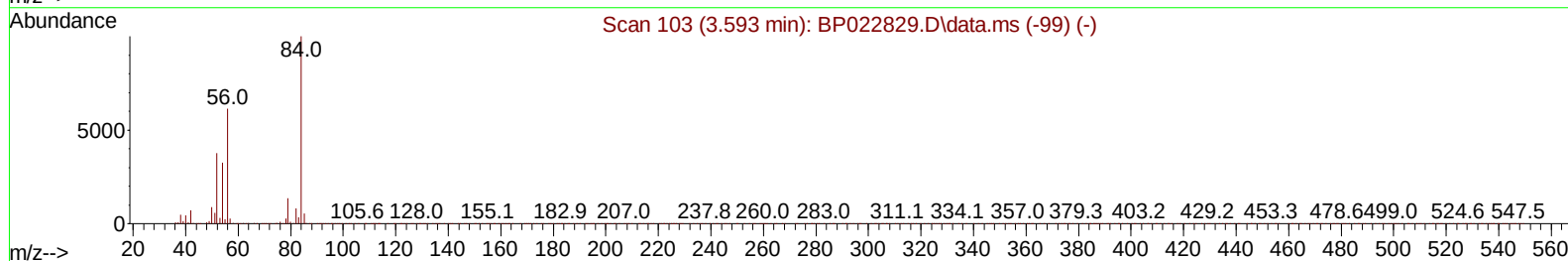
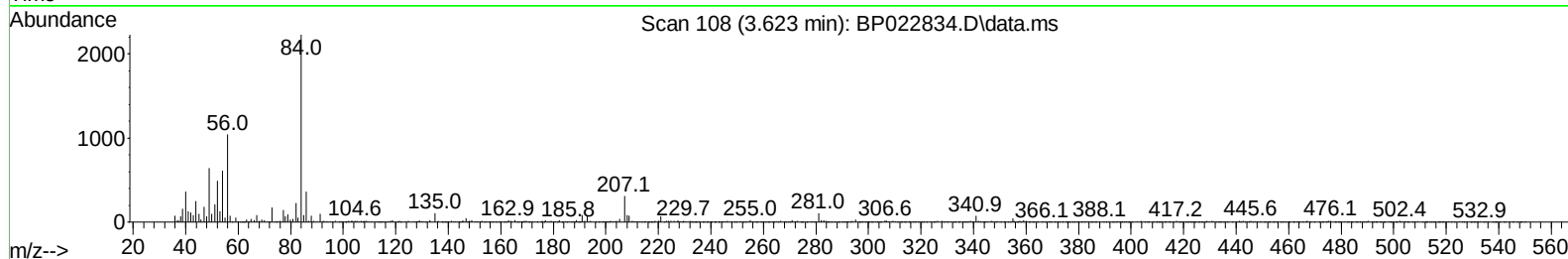
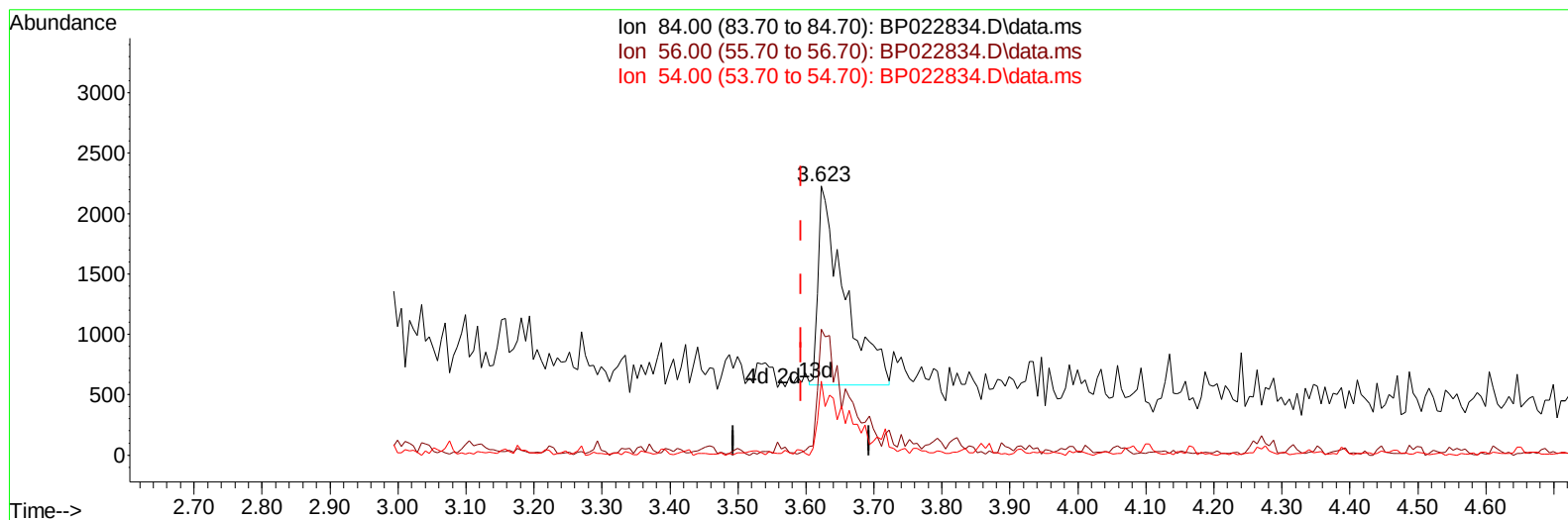
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

(4) Pyridine-d5 (S)

3.623min (+ 0.030) 0.83 ng/ul m

response 4393

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	46.70#
54.00	30.90	27.39
0.00	0.00	0.00

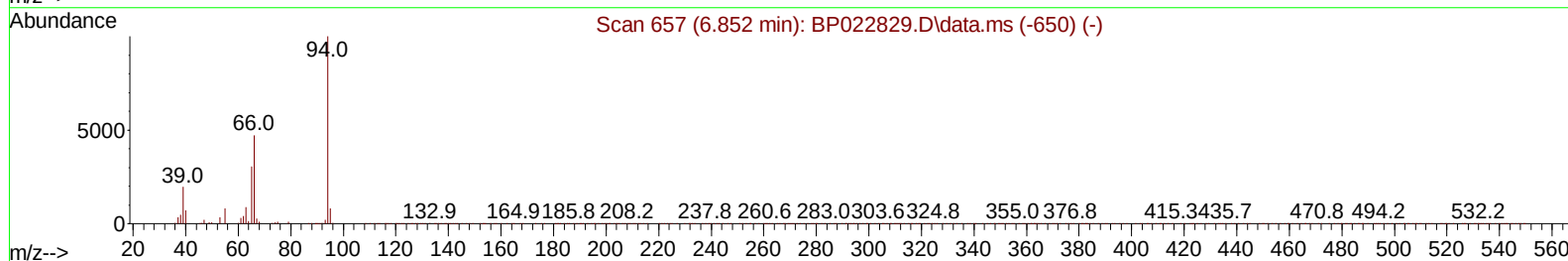
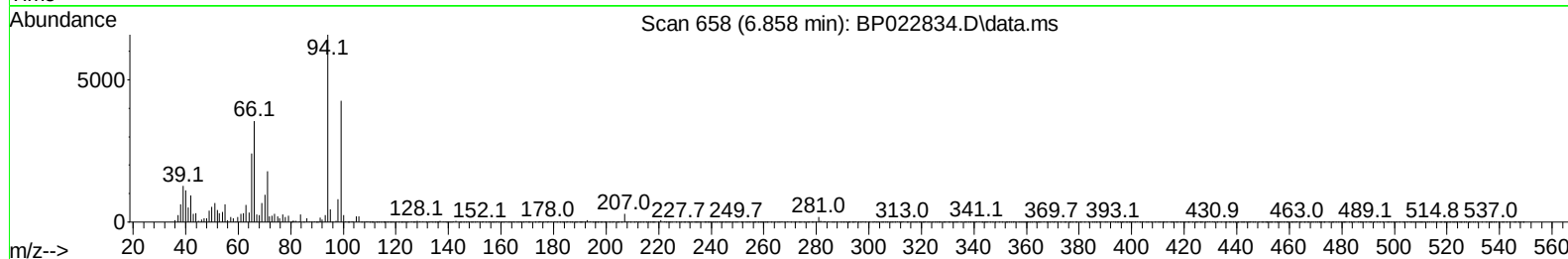
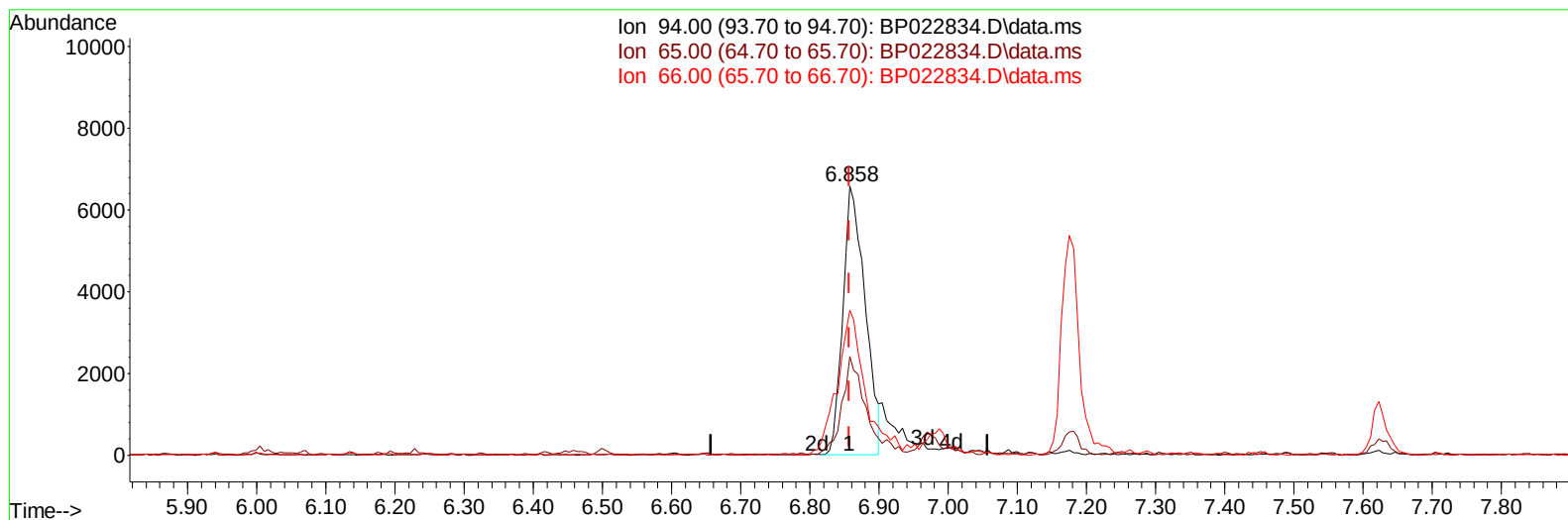
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Reviewed By :Yogesh Patel 11/06/2024
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TIC: BP022834.D\data.ms

(8) Phenol

6.858min (+ 0.000) 2.25 ng/u1

response 14727

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	36.70
66.00	47.00	53.98
0.00	0.00	0.00

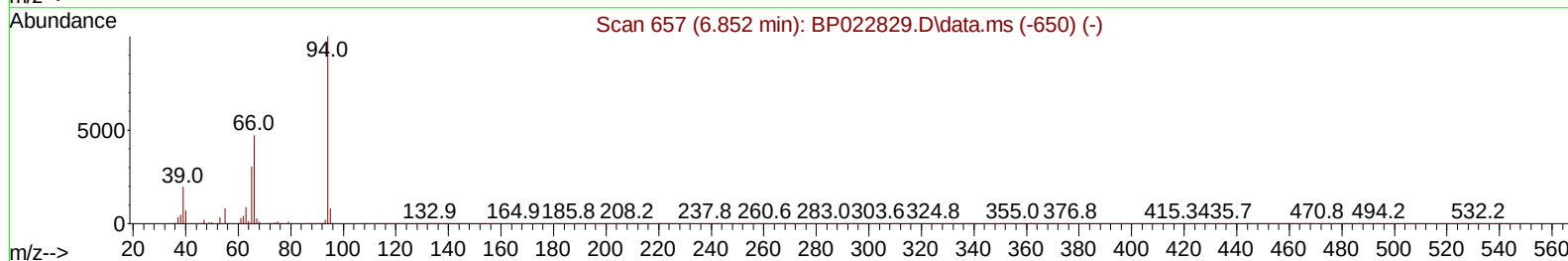
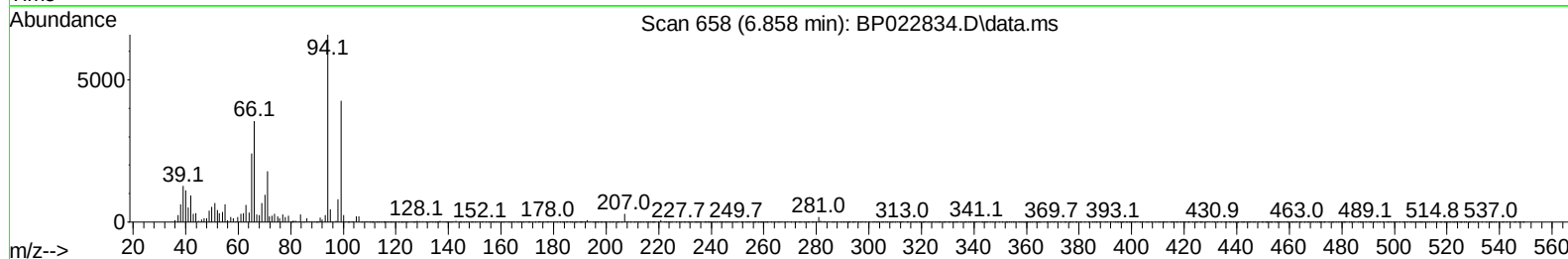
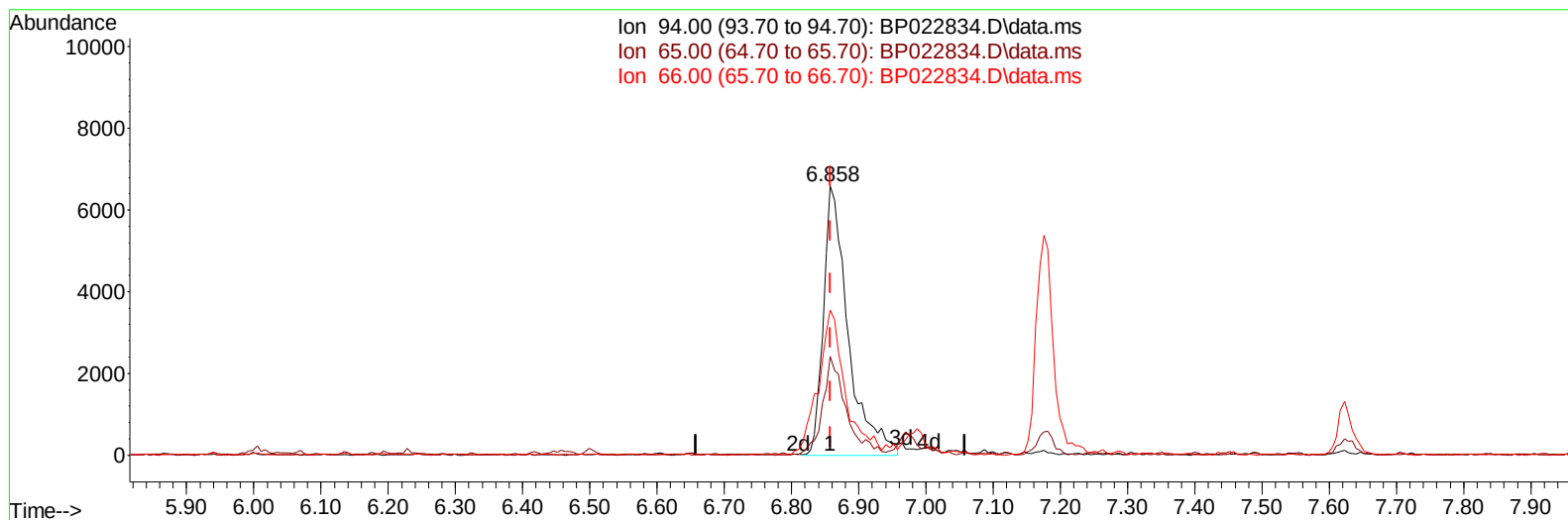
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
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TIC: BP022834.D\data.ms

(8) Phenol

6.858min (+ 0.000) 2.58 ng/ul m

response 16868

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.40	36.70
66.00	47.00	53.98
0.00	0.00	0.00

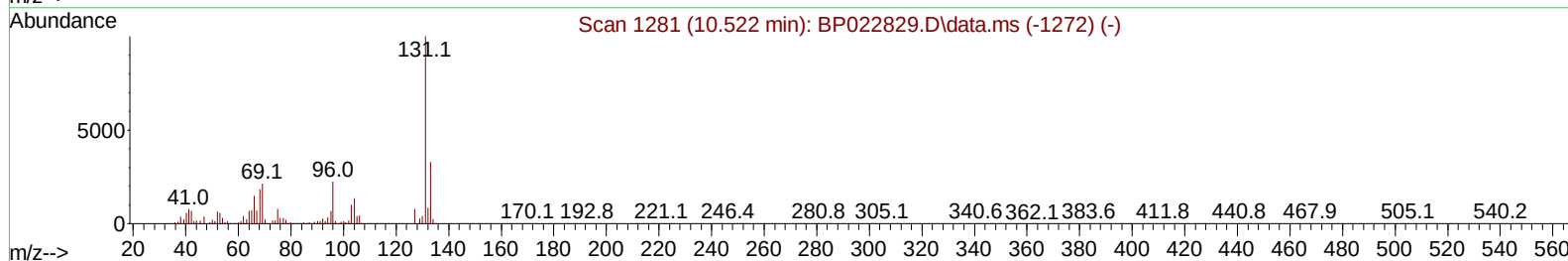
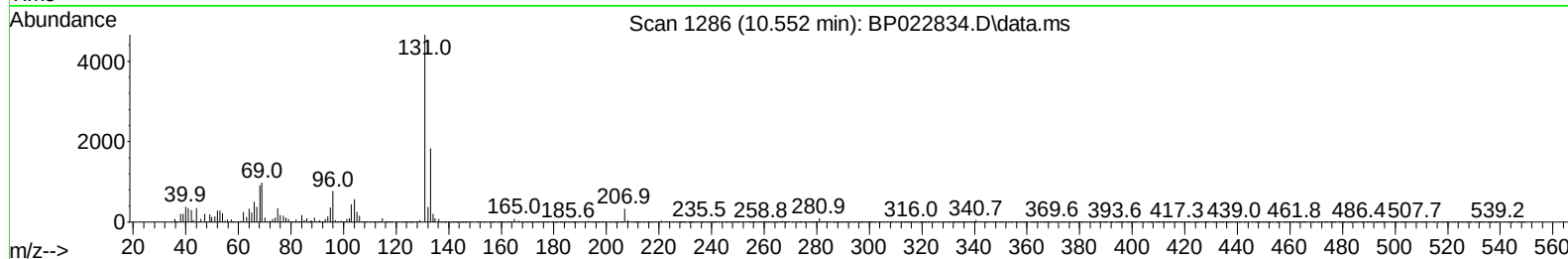
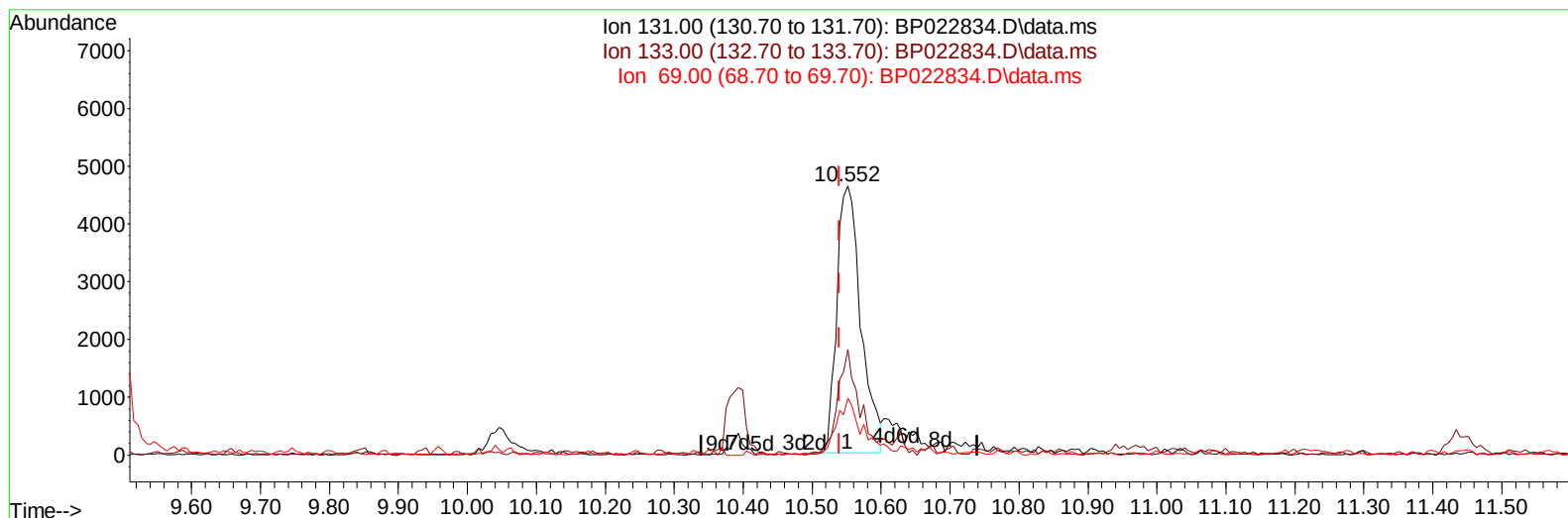
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
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Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

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TIC: BP022834.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.552min (+ 0.012) 1.75 ng/u1

response 11194

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	39.36
69.00	22.00	21.14
0.00	0.00	0.00

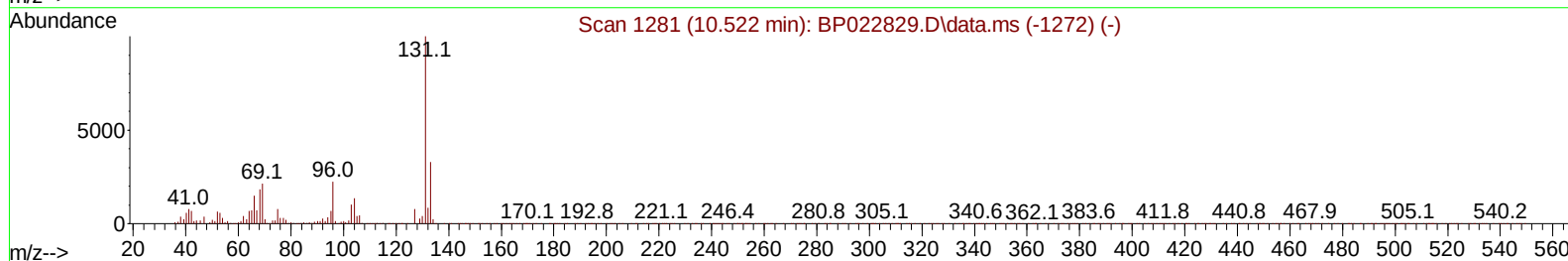
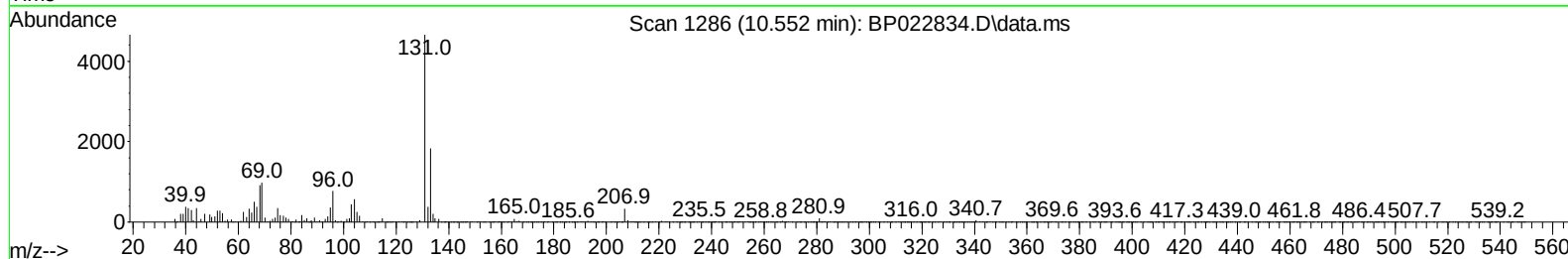
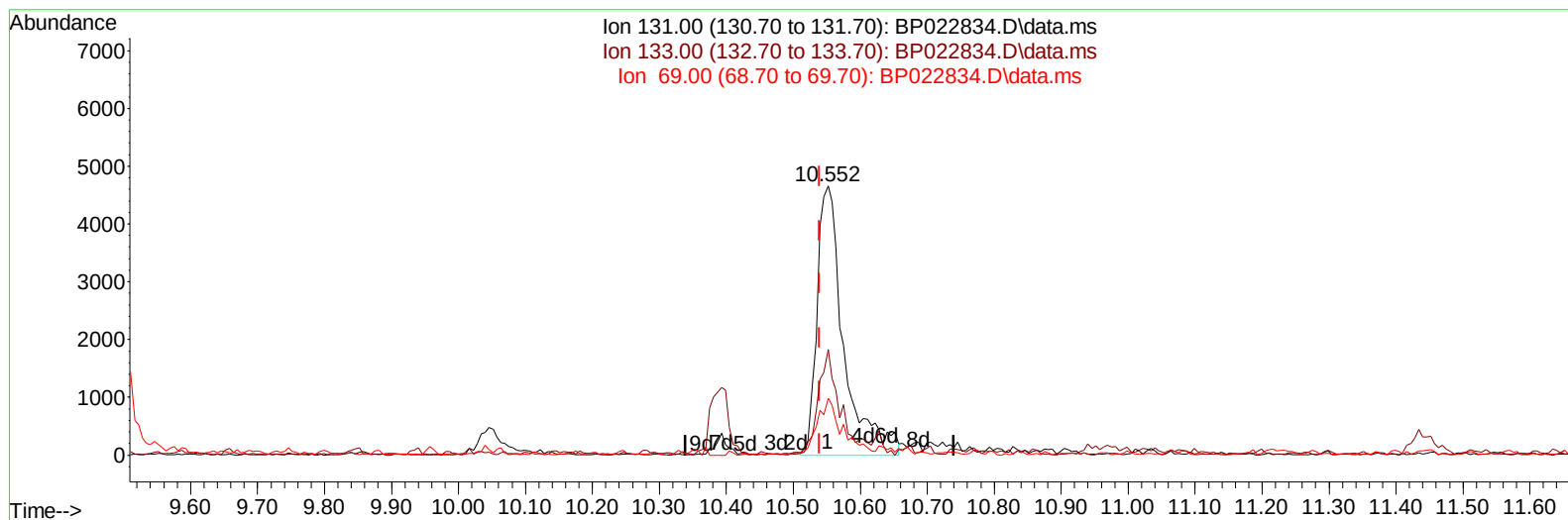
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Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.552min (+ 0.012) 2.02 ng/ul m

response 12893

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	39.36
69.00	22.00	21.14
0.00	0.00	0.00

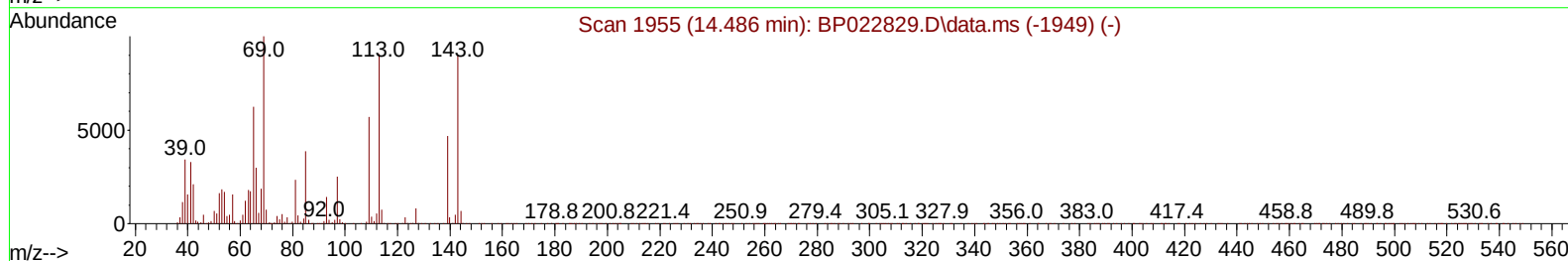
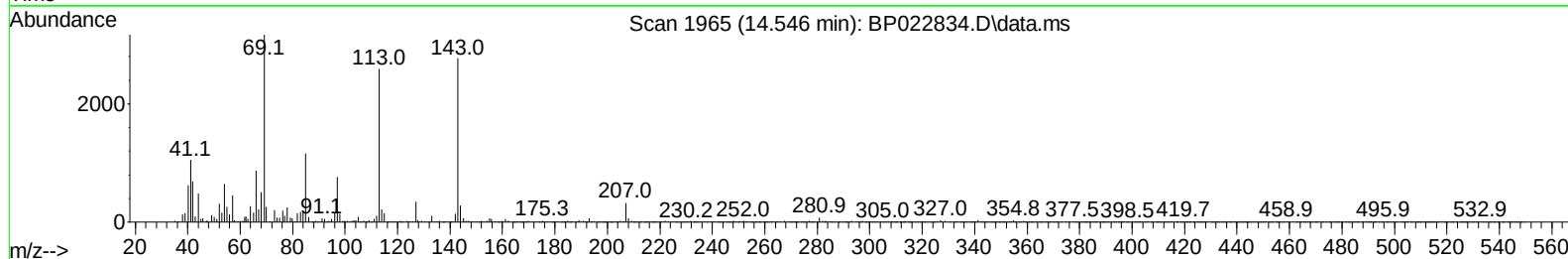
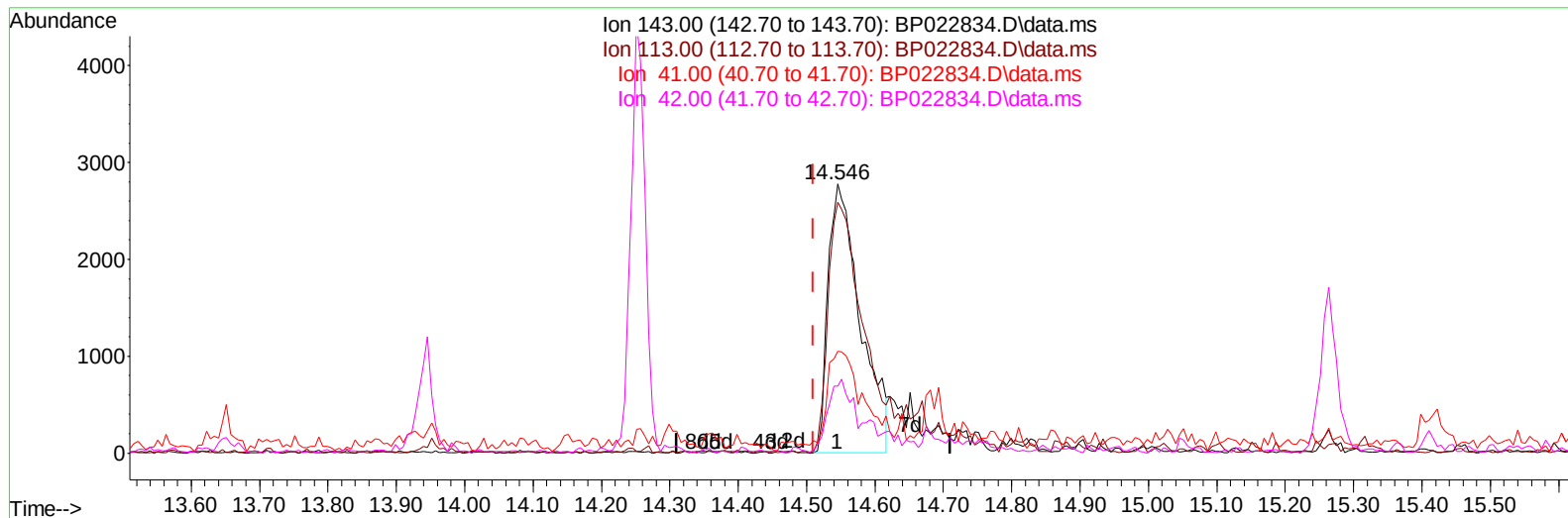
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
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Reviewed By :Yogesh Patel 11/06/2024
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TIC: BP022834.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.546min (+ 0.035) 3.06 ng/u1

response 9084

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	93.16
41.00	35.90	37.92
42.00	23.70	24.92

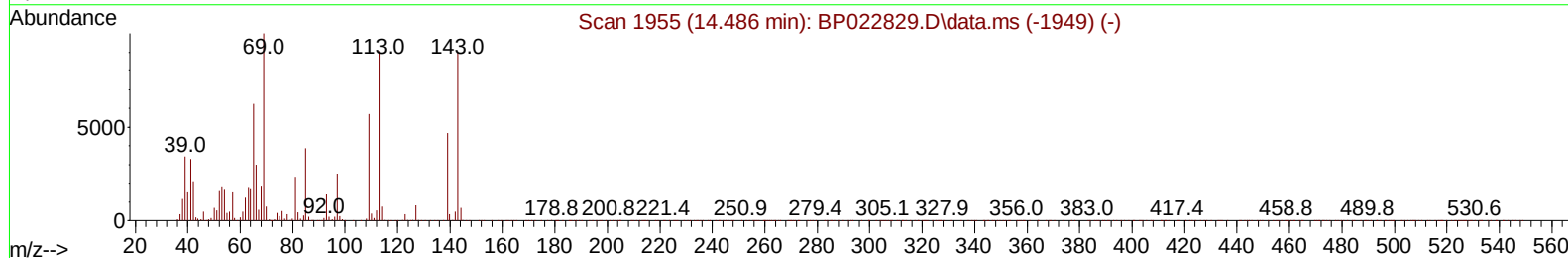
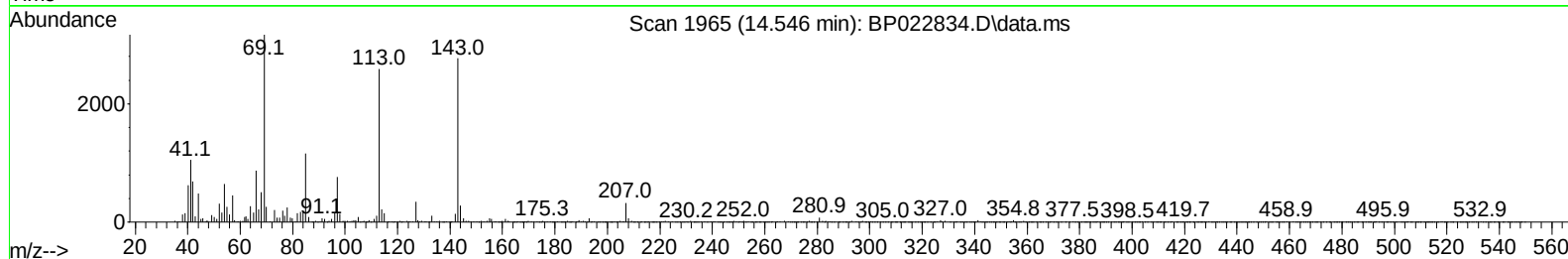
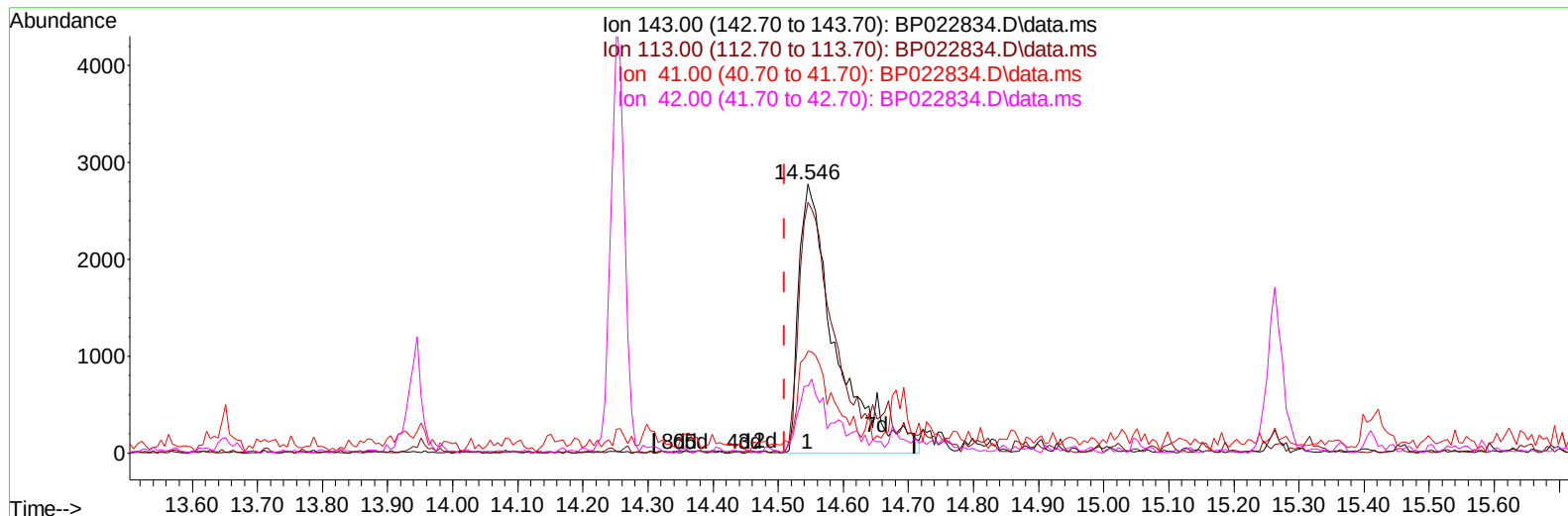
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Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.546min (+ 0.035) 3.71 ng/ul m

response 10994

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	93.16
41.00	35.90	37.92
42.00	23.70	24.92

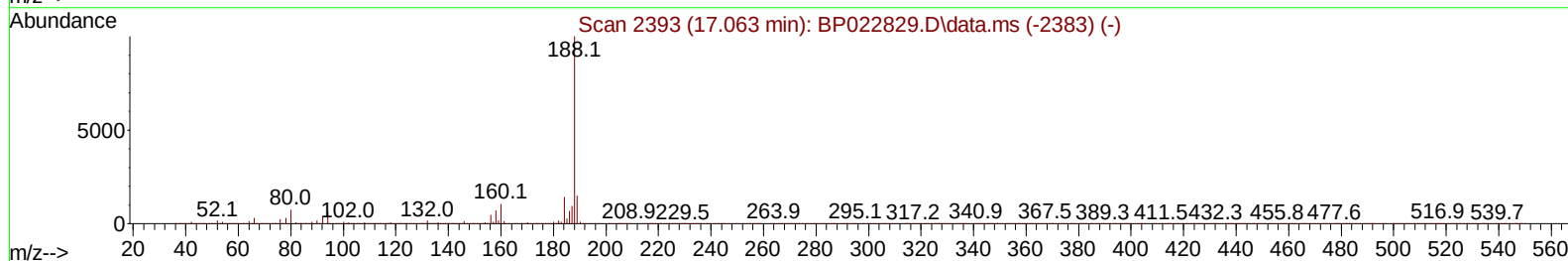
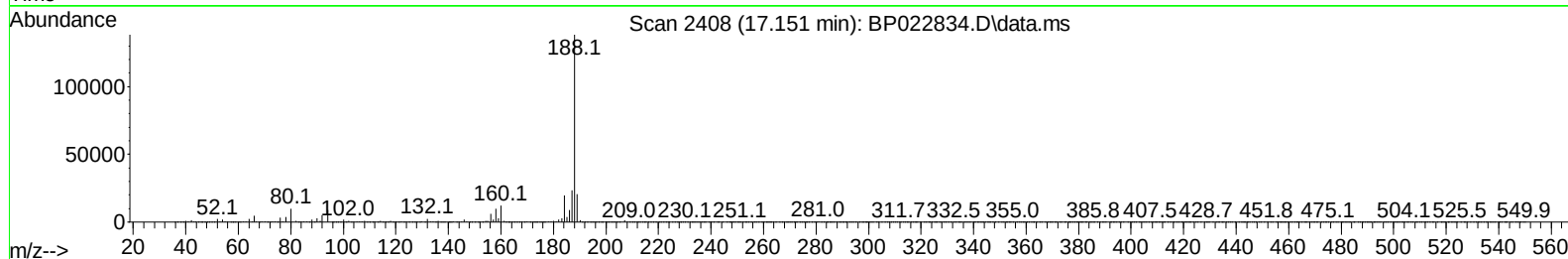
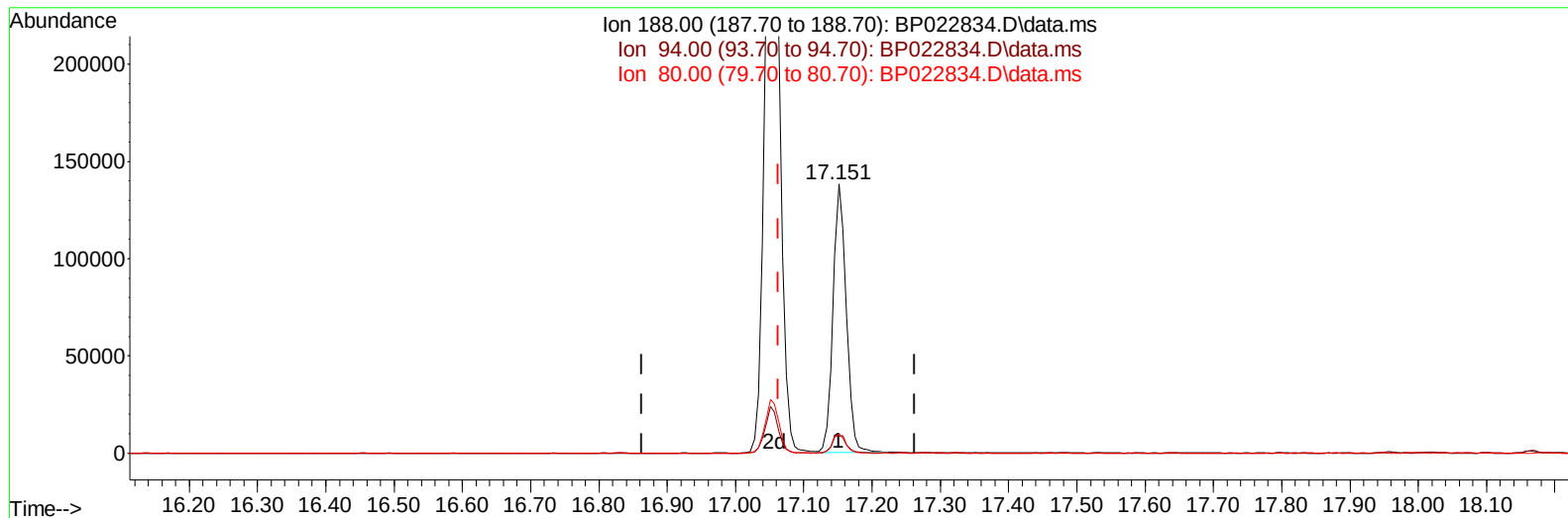
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
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TIC: BP022834.D\data.ms

(64) Phenanthrene-d10 (I)

17.151min (+ 0.088) 20.00 ng/u1

response 184836

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	6.33
80.00	8.20	7.27
0.00	0.00	0.00

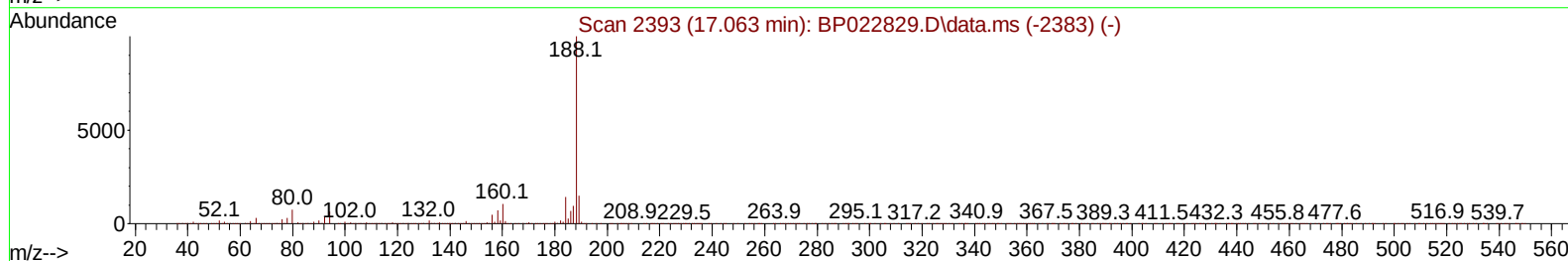
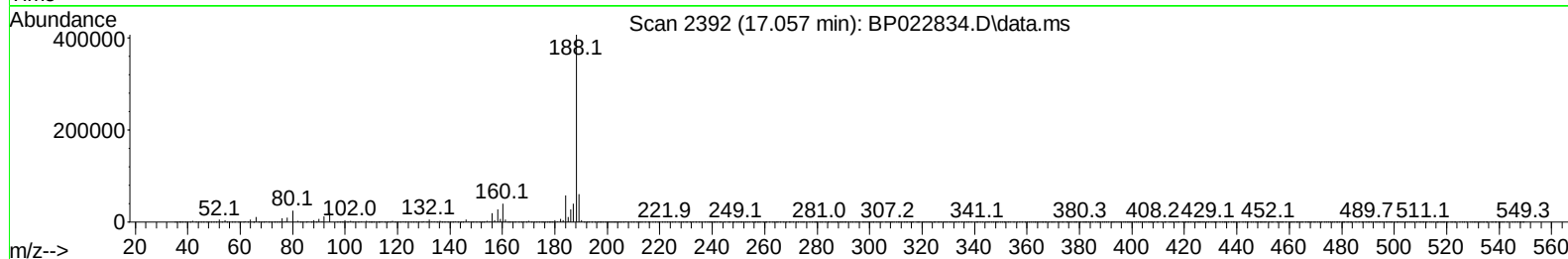
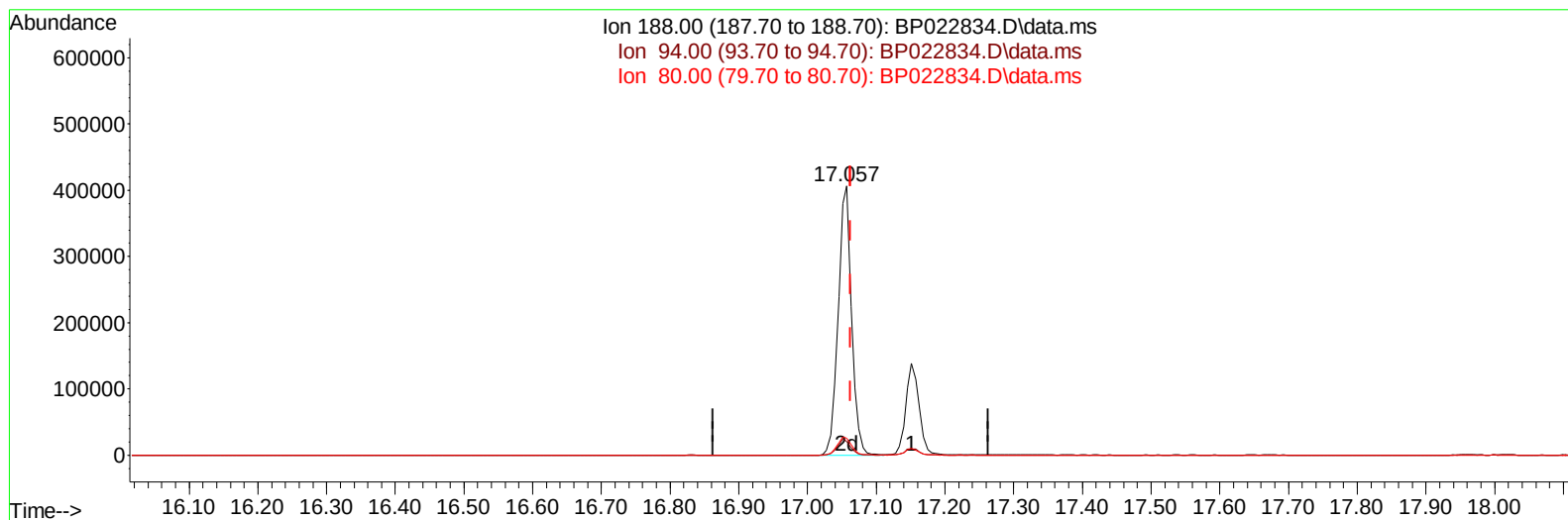
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022834.D
 Acq On : 04 Nov 2024 19:42
 Operator : RC/JU
 Sample : P4568-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

(64) Phenanthrene-d10 (I)

17.057min (-0.006) 20.00 ng/ul m

response 549177

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	5.15#
80.00	8.20	6.22#
0.00	0.00	0.00

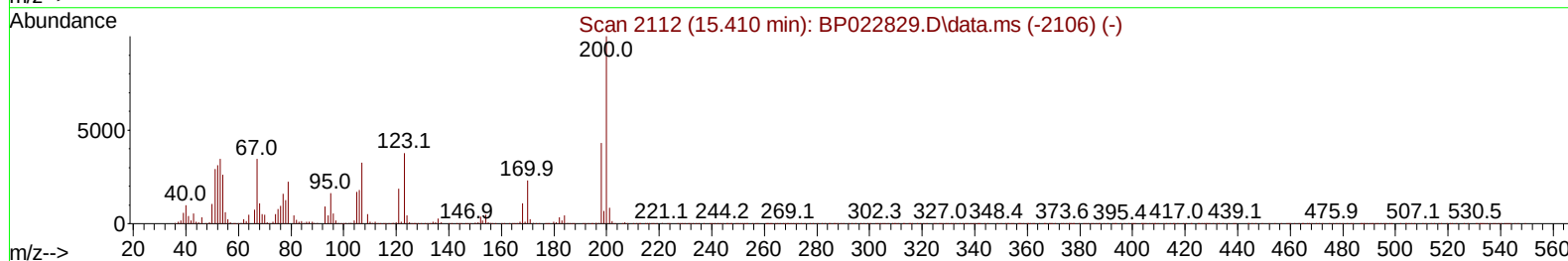
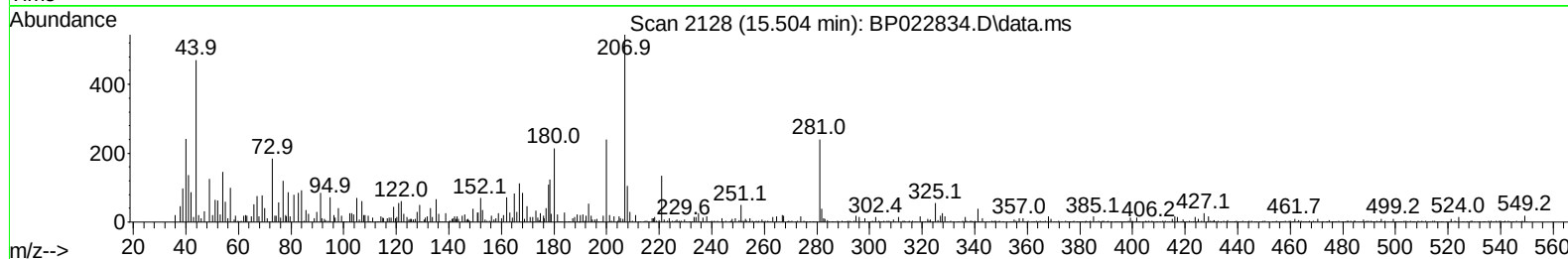
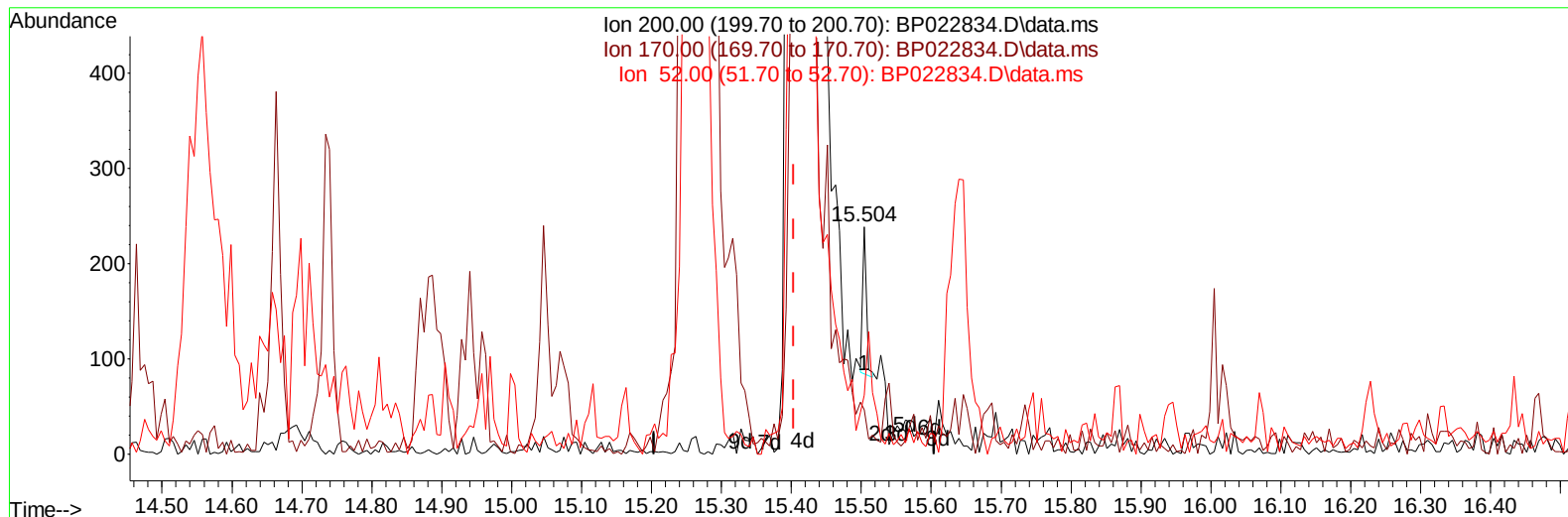
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Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

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

15.504min (+ 0.100) 0.02 ng/ul

response 58

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	19.67
52.00	36.60	25.94#
0.00	0.00	0.00

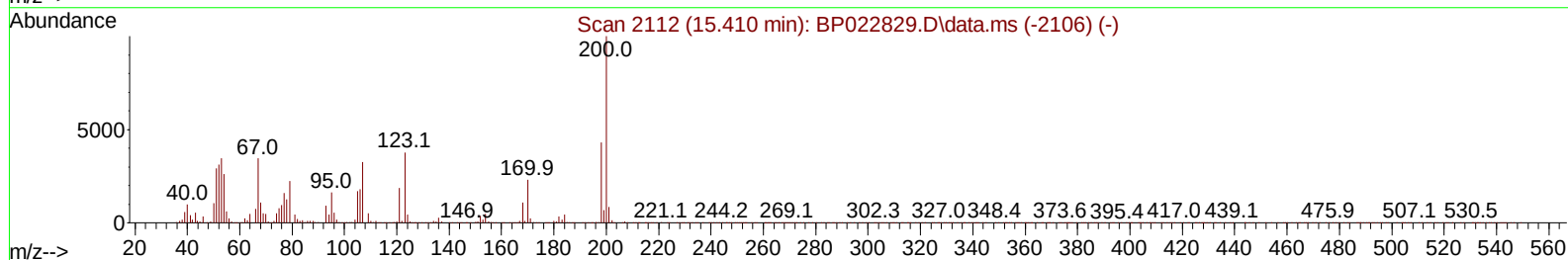
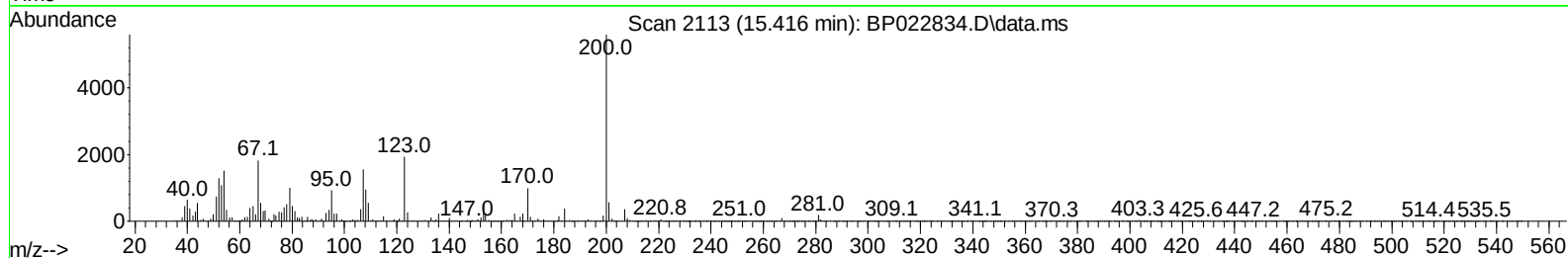
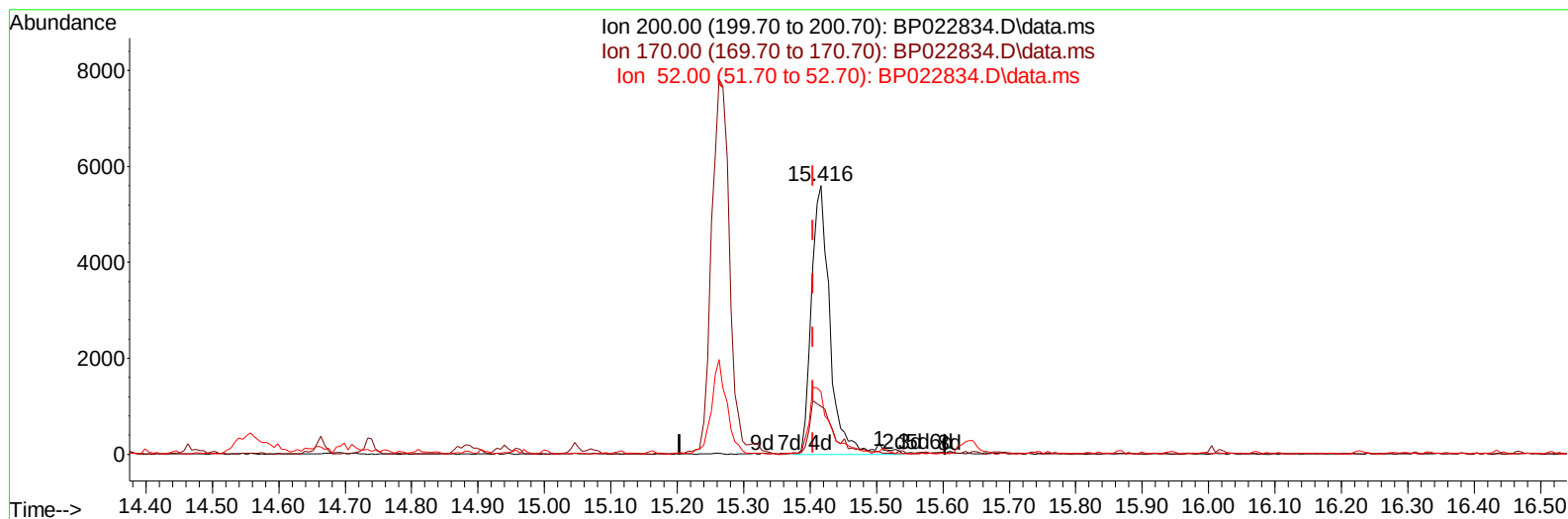
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:41:32 2024
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Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022834.D\data.ms

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

15.416min (+ 0.012) 3.02 ng/ul m

response 10904

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	17.74
52.00	36.60	23.19#
0.00	0.00	0.00

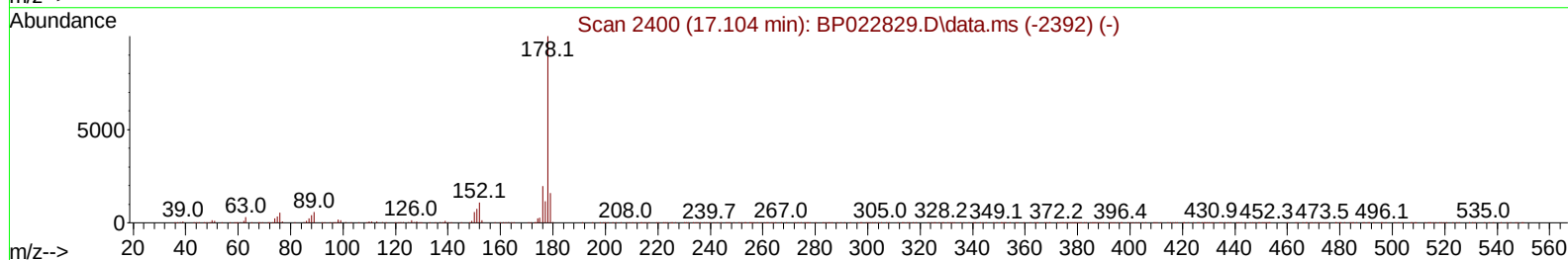
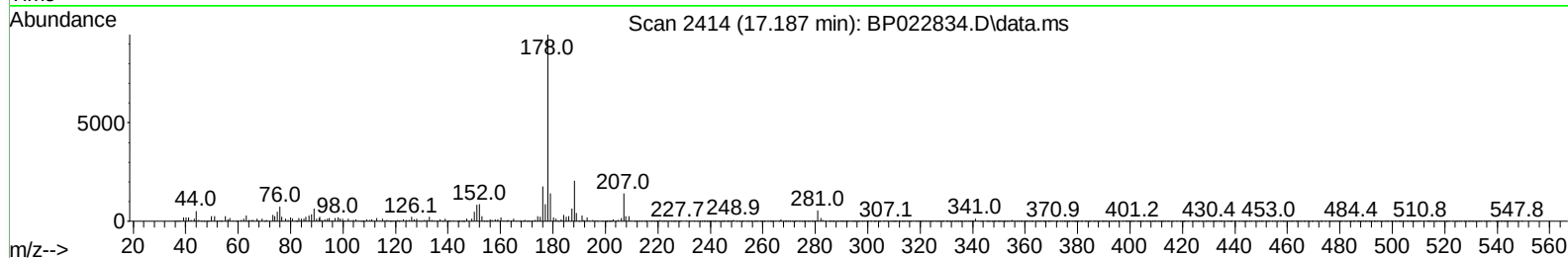
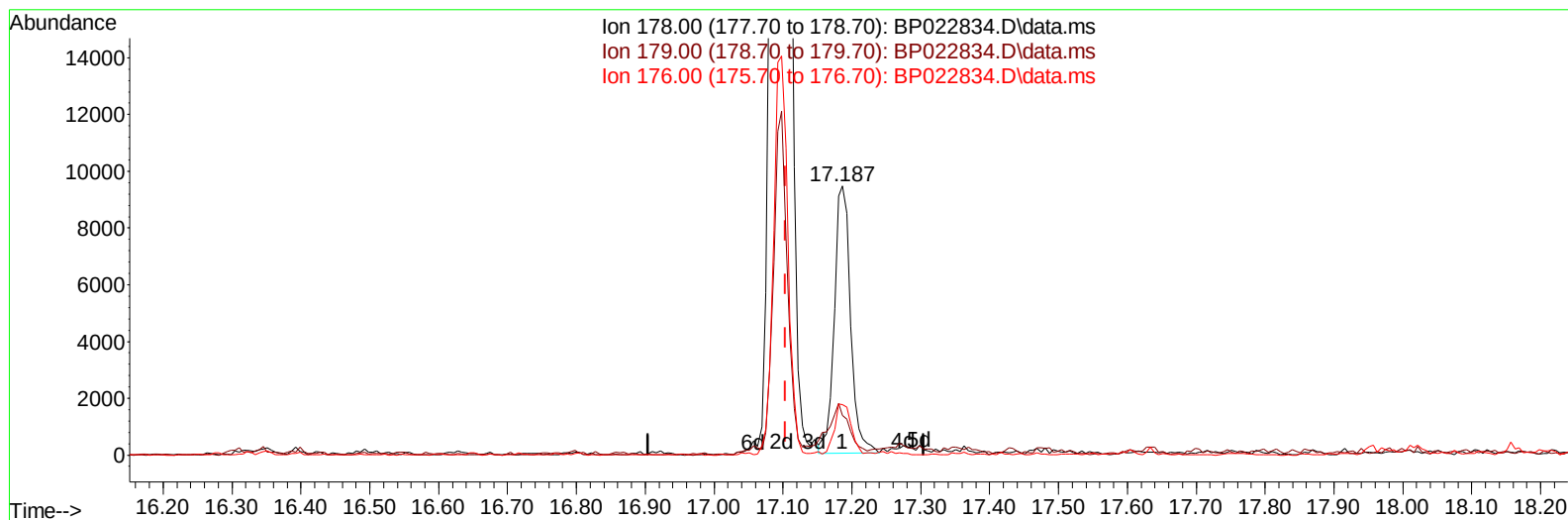
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
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Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Reviewed By :Yogesh Patel 11/06/2024
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TIC: BP022834.D\data.ms

(72) Phenanthrene

17.187min (+ 0.082) 0.52 ng/u1

response 15407

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	14.84
176.00	19.60	18.78
0.00	0.00	0.00

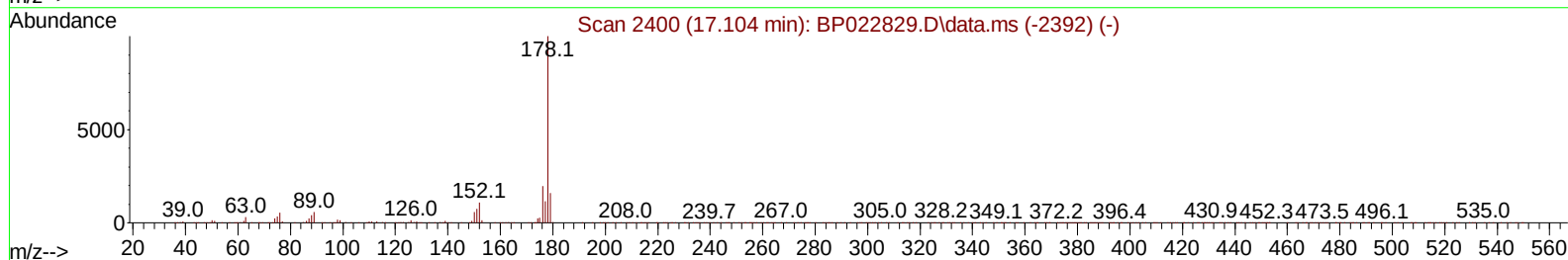
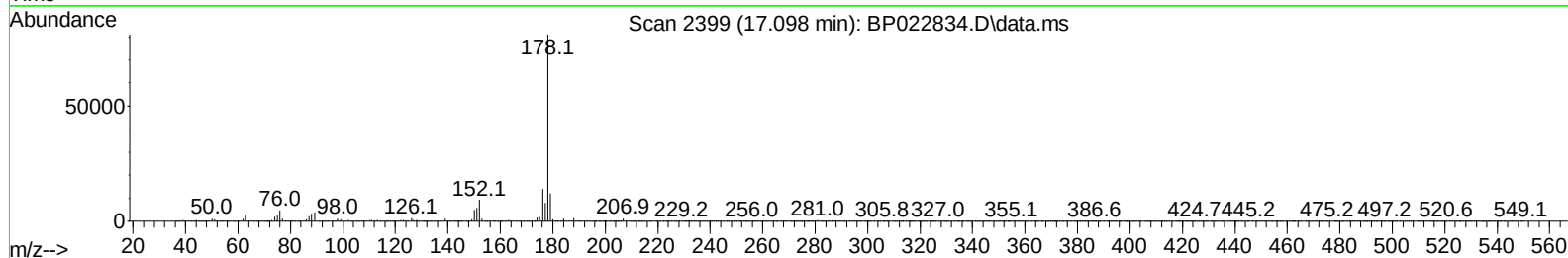
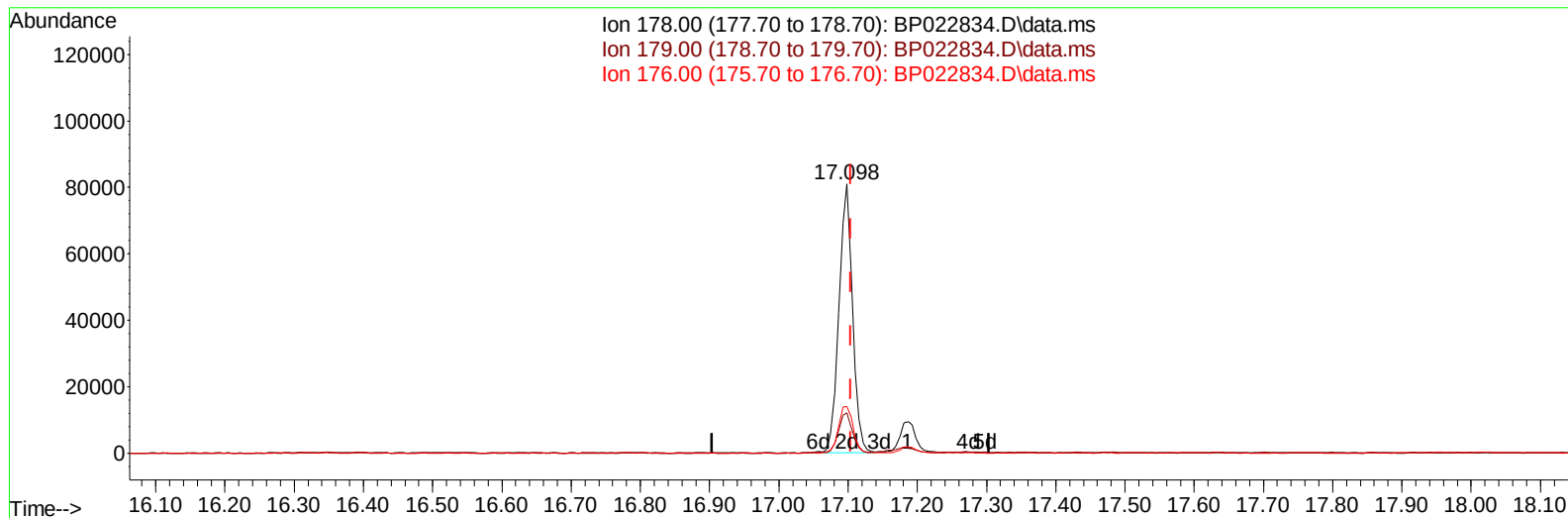
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022834.D
Acq On : 04 Nov 2024 19:42
Operator : RC/JU
Sample : P4568-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EE6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 04 21:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration



TIC: BP022834.D\data.ms

(72) Phenanthrene

17.098min (-0.006) 3.72 ng/ul m

response 109355

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	14.98
176.00	19.60	17.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022834.D
 Acq On : 04 Nov 2024 19:42
 Operator : RC/JU
 Sample : P4568-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EE6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:43:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	74727	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	286093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	222359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	549177m	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	556580	20.000	ng/ul	-0.02
88) Perylene-d12	24.727	264	701282	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	2018	1.049	ng/uL	0.00
4) Pyridine-d5	3.623	84	4393m	0.832	ng/ul	0.03
7) Phenol-d5	6.834	99	37522	5.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	21778	5.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	28878	6.470	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	24953	4.971	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	14314	6.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	16294	6.398	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	35352	6.531	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	12893m	2.016	ng/ul	0.01
46) Dimethylphthalate-d6	13.651	166	132964	7.526	ng/ul	-0.01
49) Acenaphthylene-d8	13.940	160	129353	6.894	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.546	143	10994m	3.709	ng/ul	0.04
60) Fluorene-d10	15.263	176	120921	7.891	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	10904m	3.019	ng/ul	0.01
73) Anthracene-d10	17.151	188	183987	7.122	ng/ul	-0.02
81) Pyrene-d10	19.534	212	186227	6.327	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.510	264	152063	4.060	ng/ul	-0.01
Target Compounds						
						Qvalue
8) Phenol	6.858	94	16868m	2.577	ng/ul	
16) Acetophenone	8.446	105	59306	7.156	ng/ul	93
72) Phenanthrene	17.098	178	109355m	3.722	ng/ul	
80) Fluoranthene	19.192	202	174629	5.161	ng/ul#	96
82) Pyrene	19.563	202	100334	2.767	ng/ul	99
85) Benzo(a)anthracene	21.463	228	71826	1.841	ng/ul	98
87) Chrysene	21.528	228	77344	2.138	ng/ul	97
90) Benzo(b)fluoranthene	23.716	252	98615	2.234	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:43:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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