

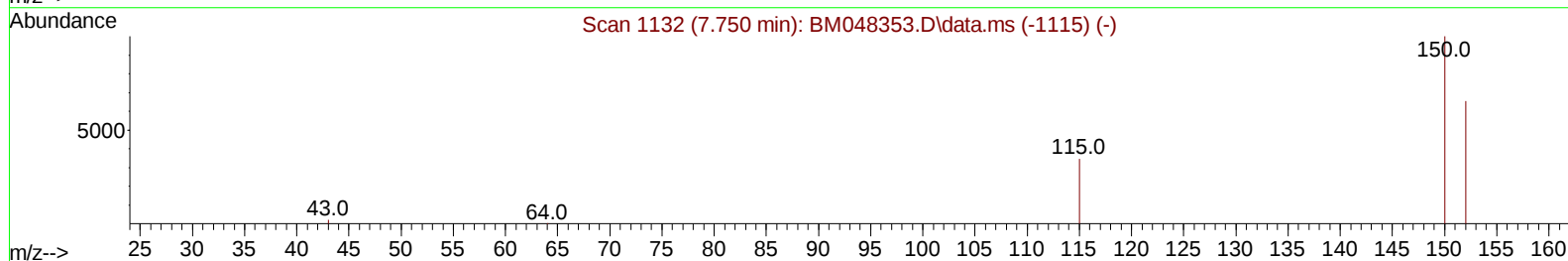
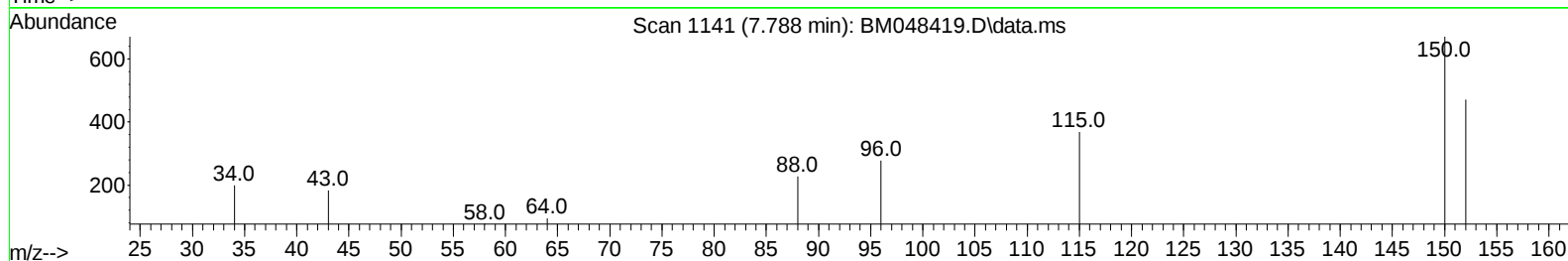
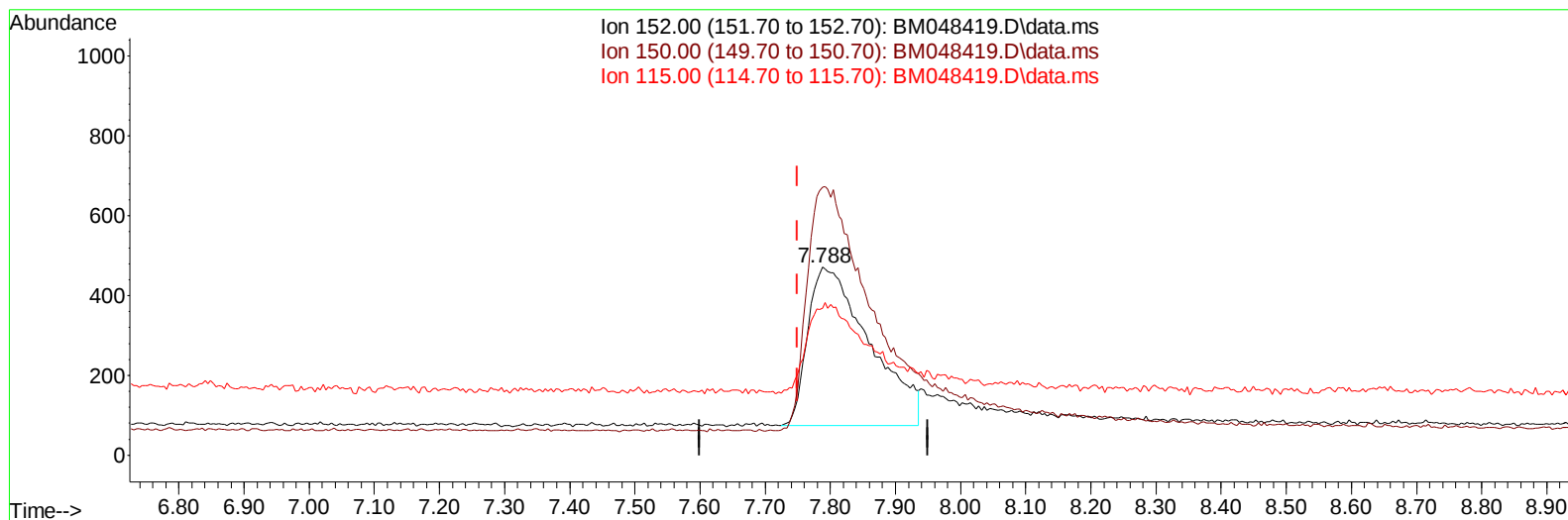
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048419.D
Acq On : 02 Nov 2024 06:49
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:52:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

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



TIC: BM048419.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.788min (+ 0.038) 0.40 ng/u1

response 2616

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	145.40	142.16
115.00	70.00	78.18
0.00	0.00	0.00

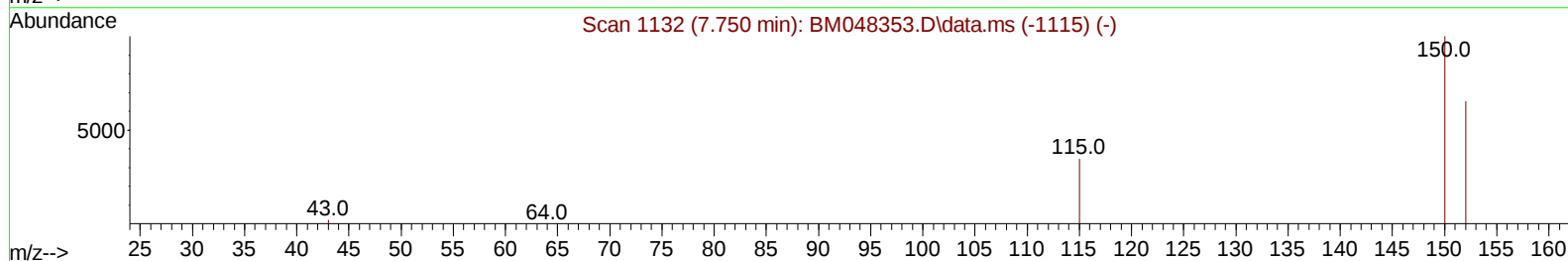
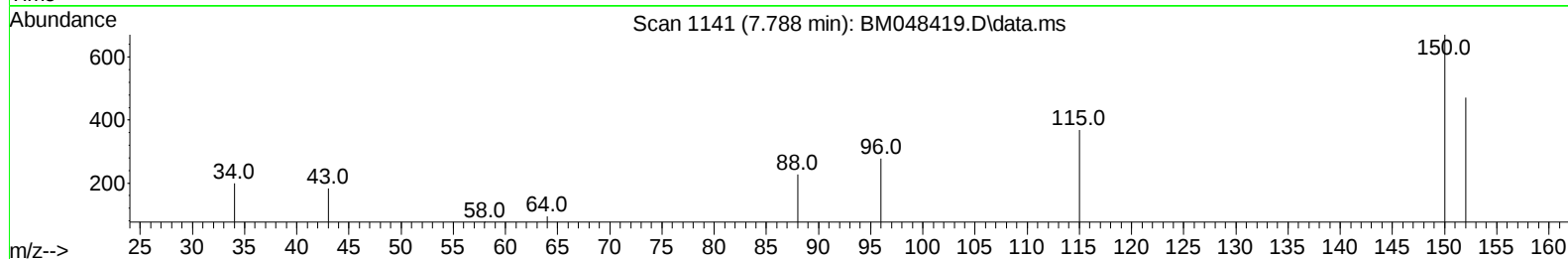
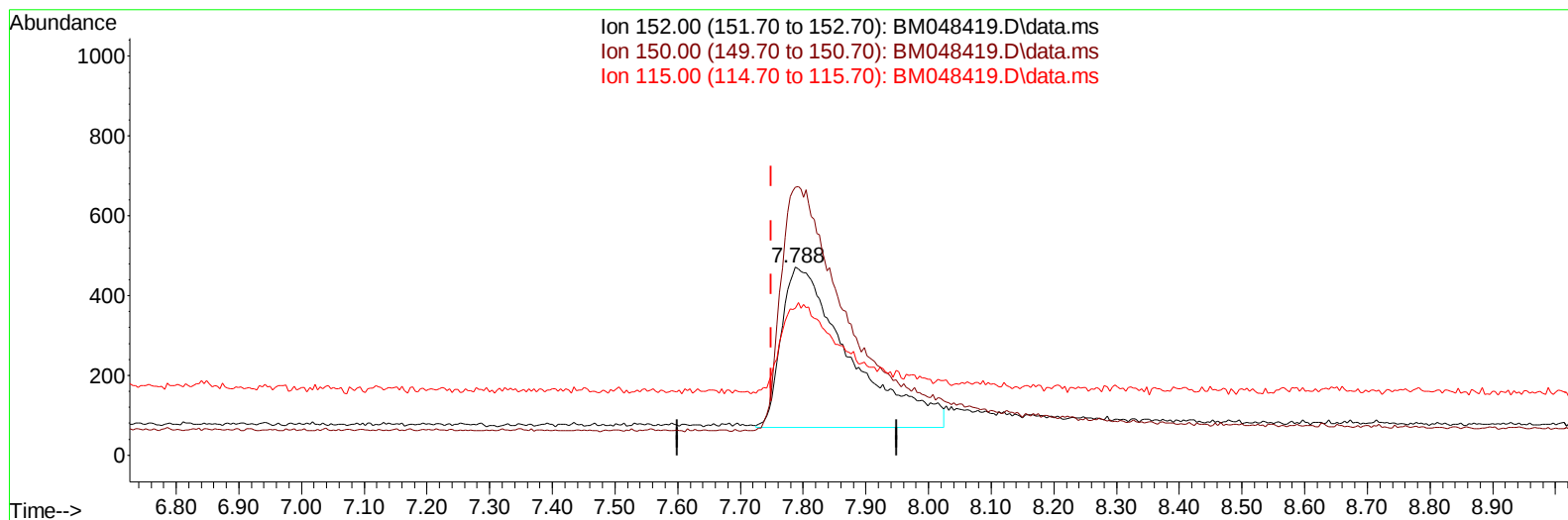
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048419.D
Acq On : 02 Nov 2024 06:49
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:52:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

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



TIC: BM048419.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.788min (+ 0.038) 0.40 ng/ul m

response 3039

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	145.40	142.16
115.00	70.00	78.18
0.00	0.00	0.00

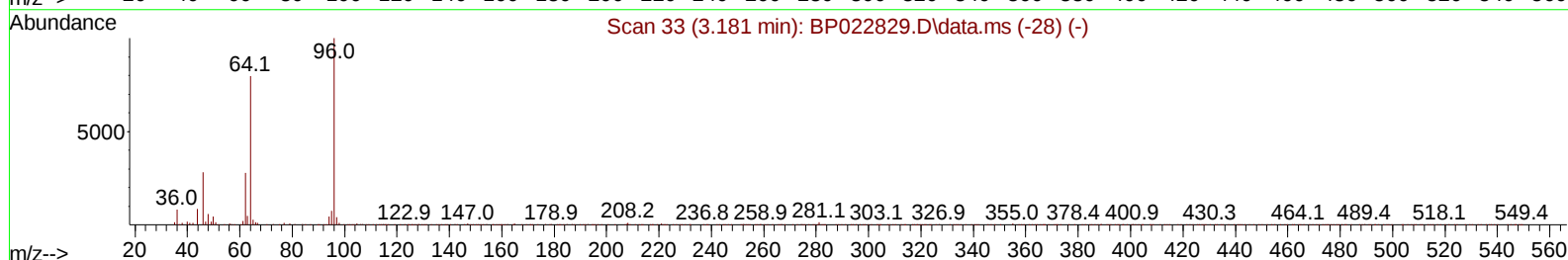
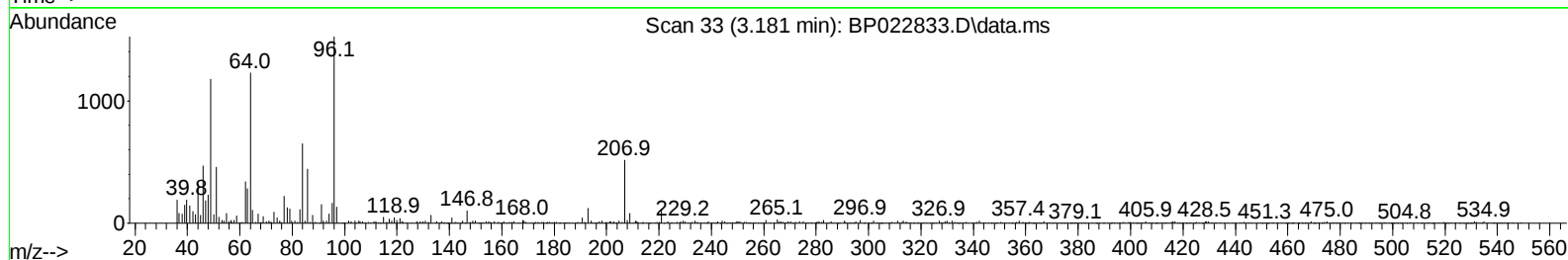
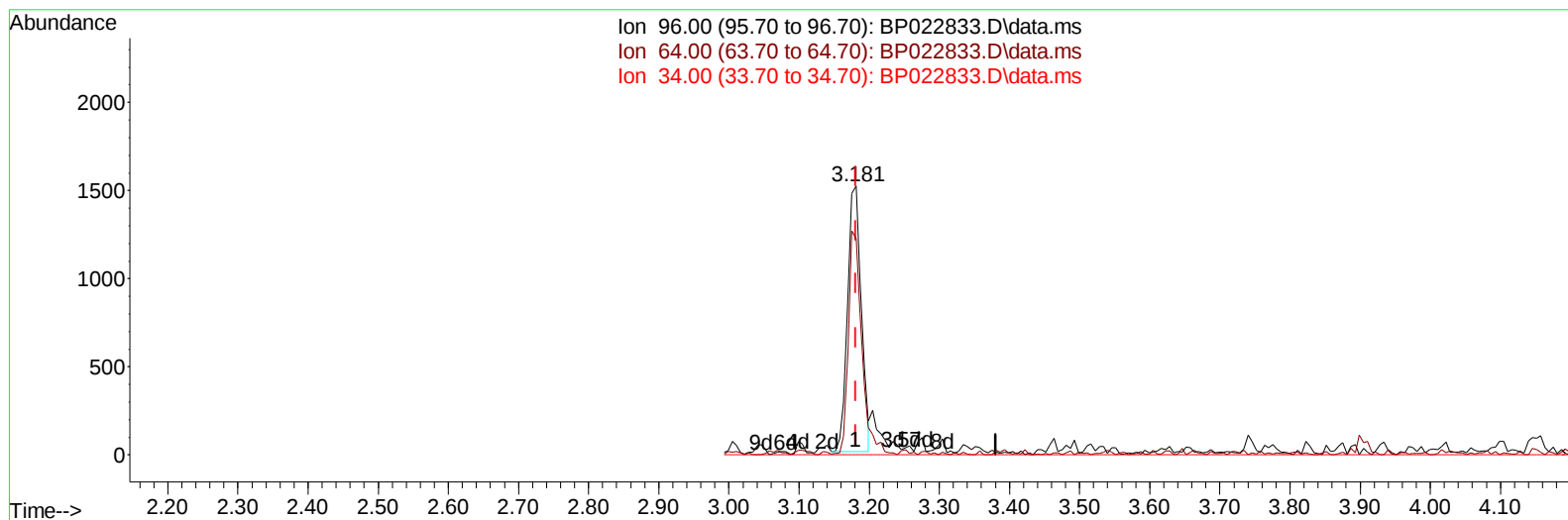
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.181min (-0.000) 0.86 ng/uL

response 2058

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	80.52
34.00	0.00	0.00
0.00	0.00	0.00

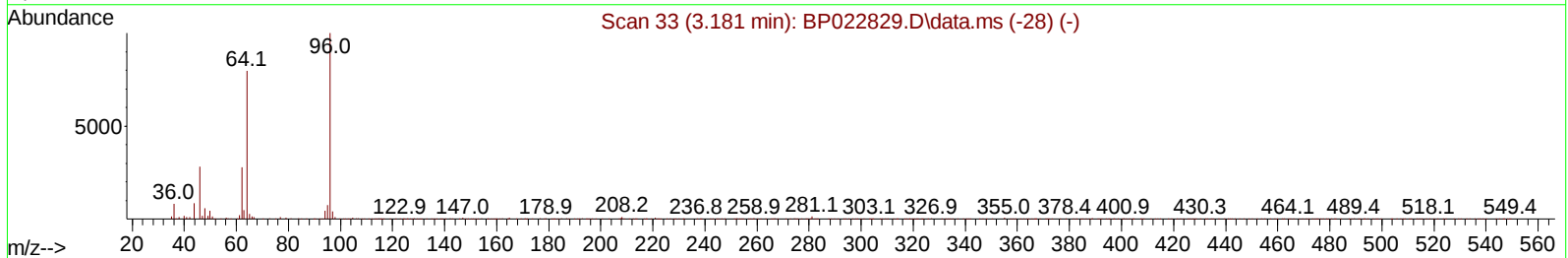
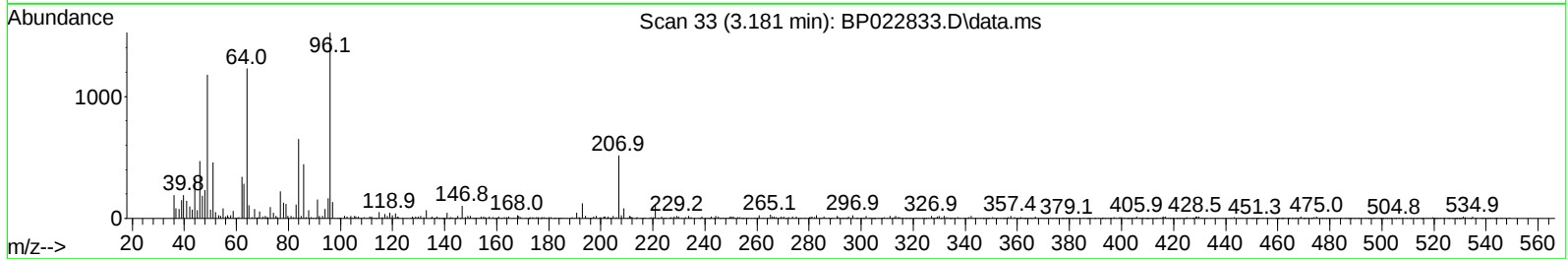
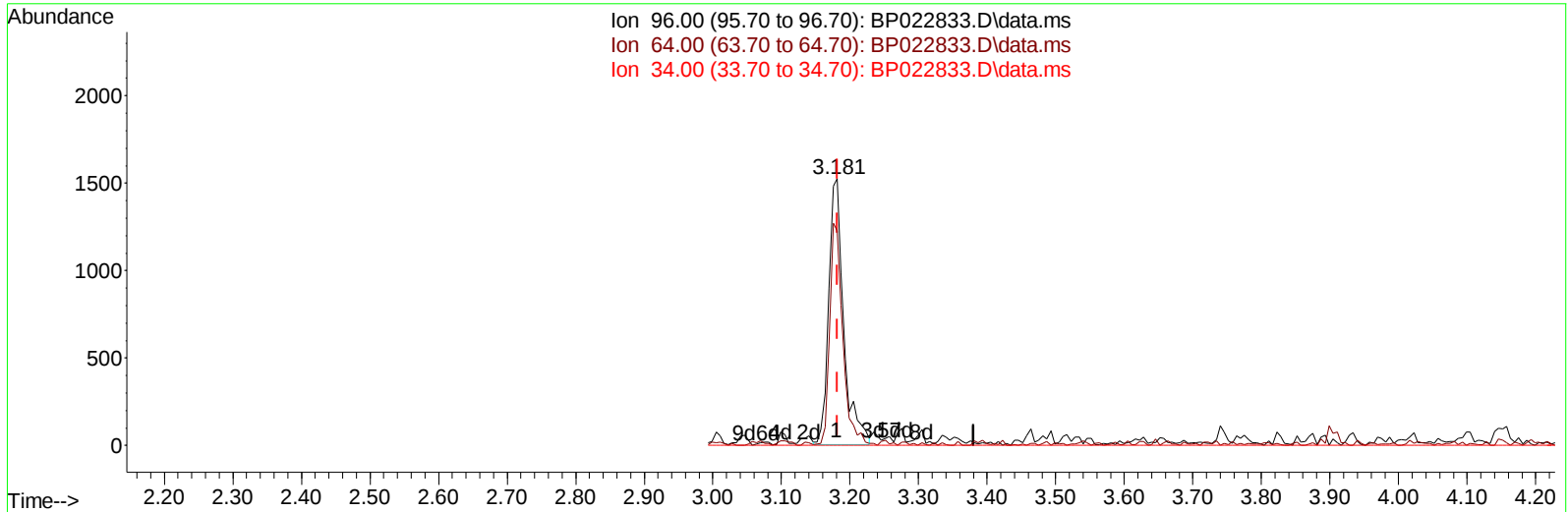
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.181min (-0.000) 0.97 ng/uL m

response 2309

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	80.52
34.00	0.00	0.00
0.00	0.00	0.00

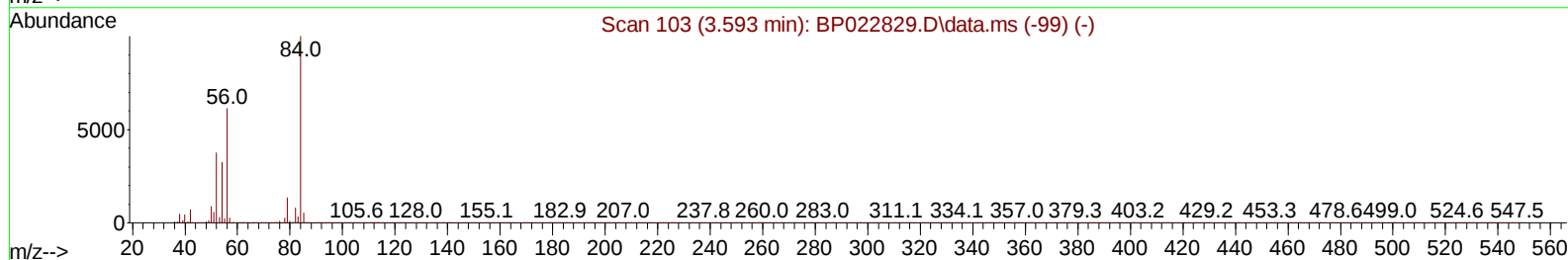
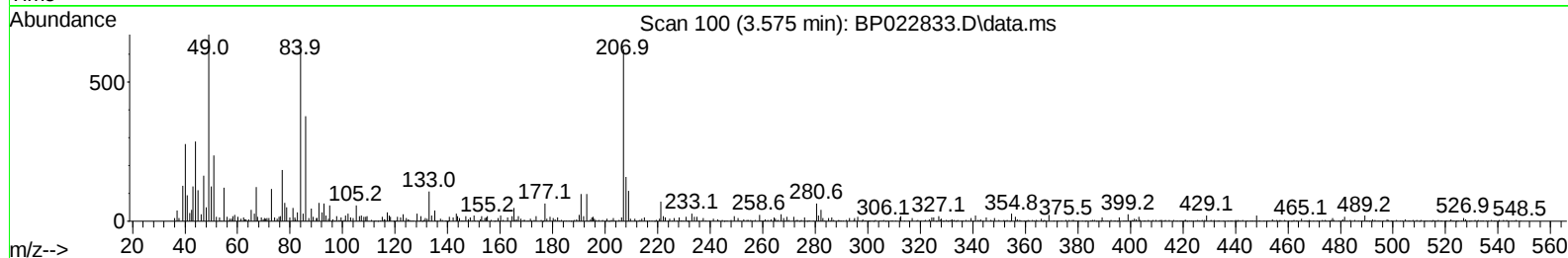
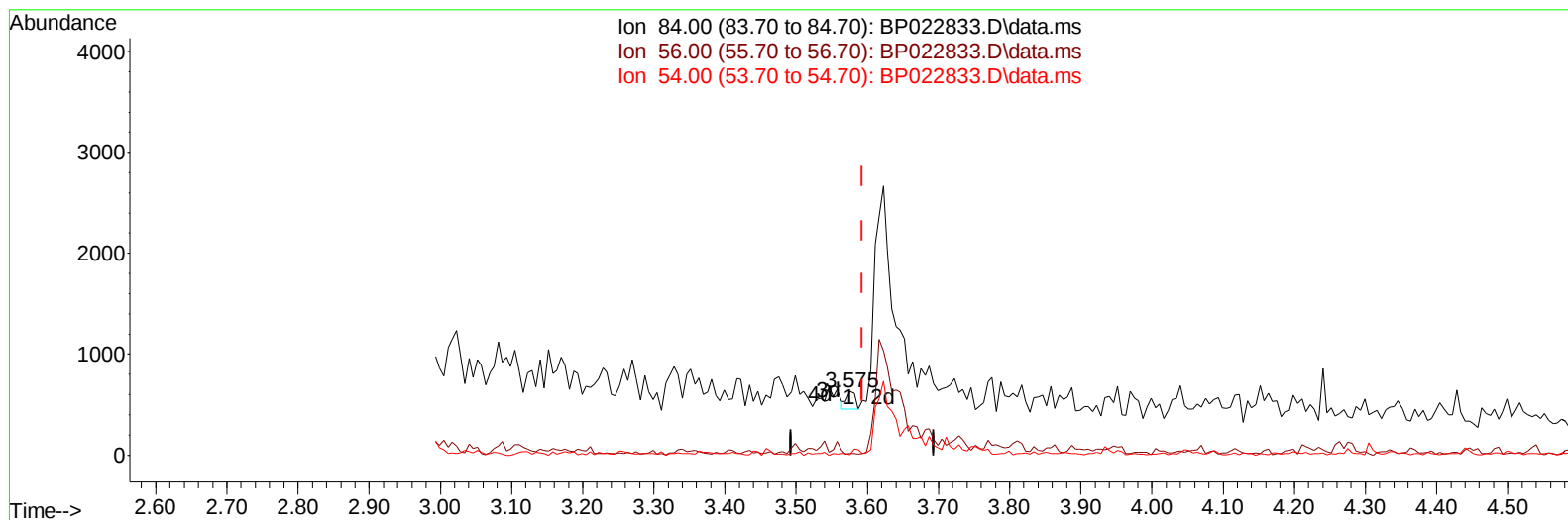
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(4) Pyridine-d5 (S)

3.575min (-0.018) 0.02 ng/u1

response 144

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	2.86#
54.00	30.90	0.32#
0.00	0.00	0.00

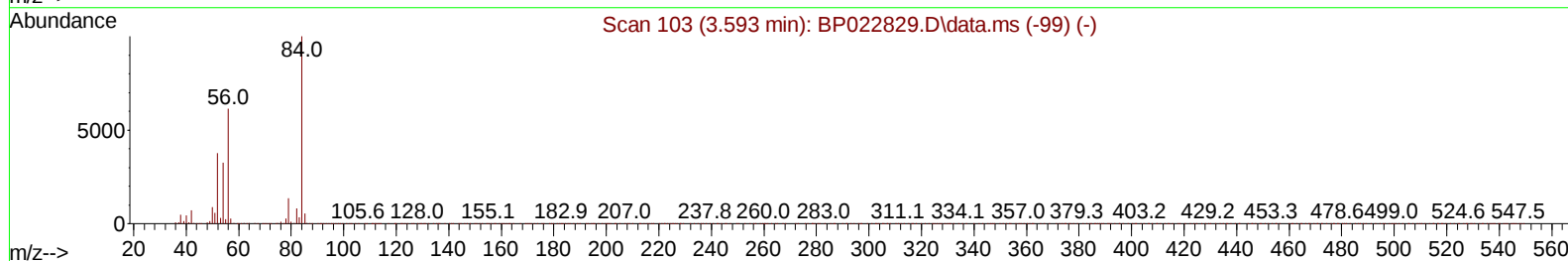
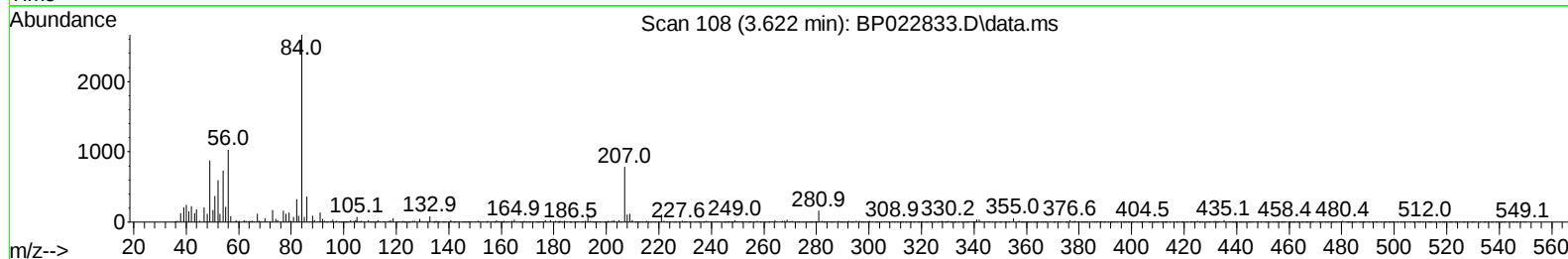
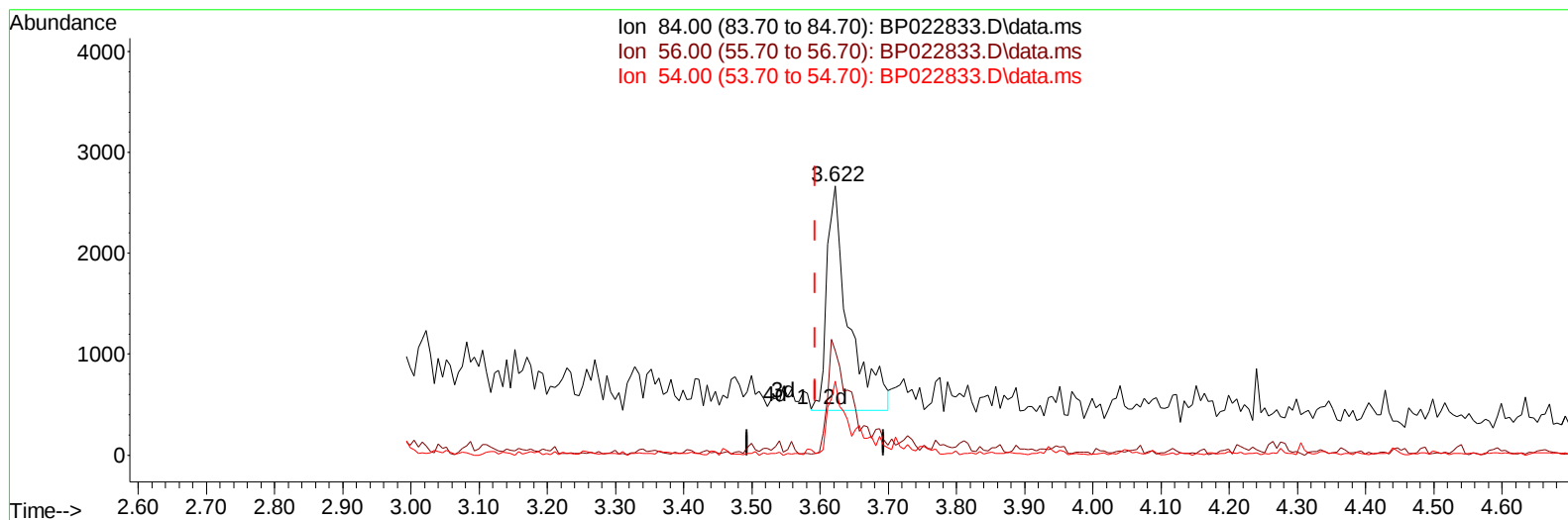
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(4) Pyridine-d5 (S)

3.622min (+ 0.029) 0.76 ng/u1 m

response 4962

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	38.71#
54.00	30.90	27.42
0.00	0.00	0.00

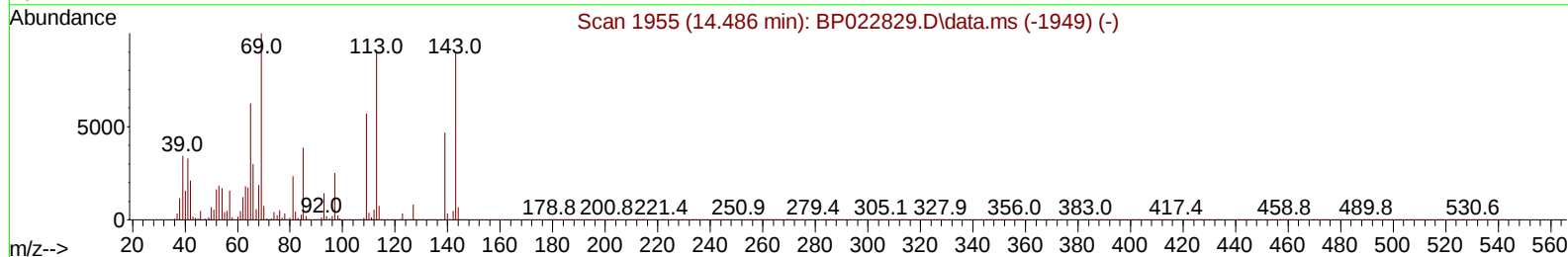
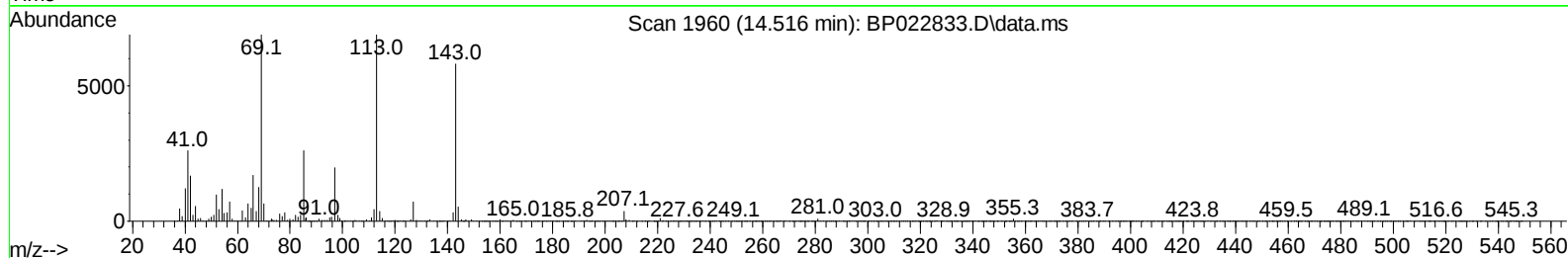
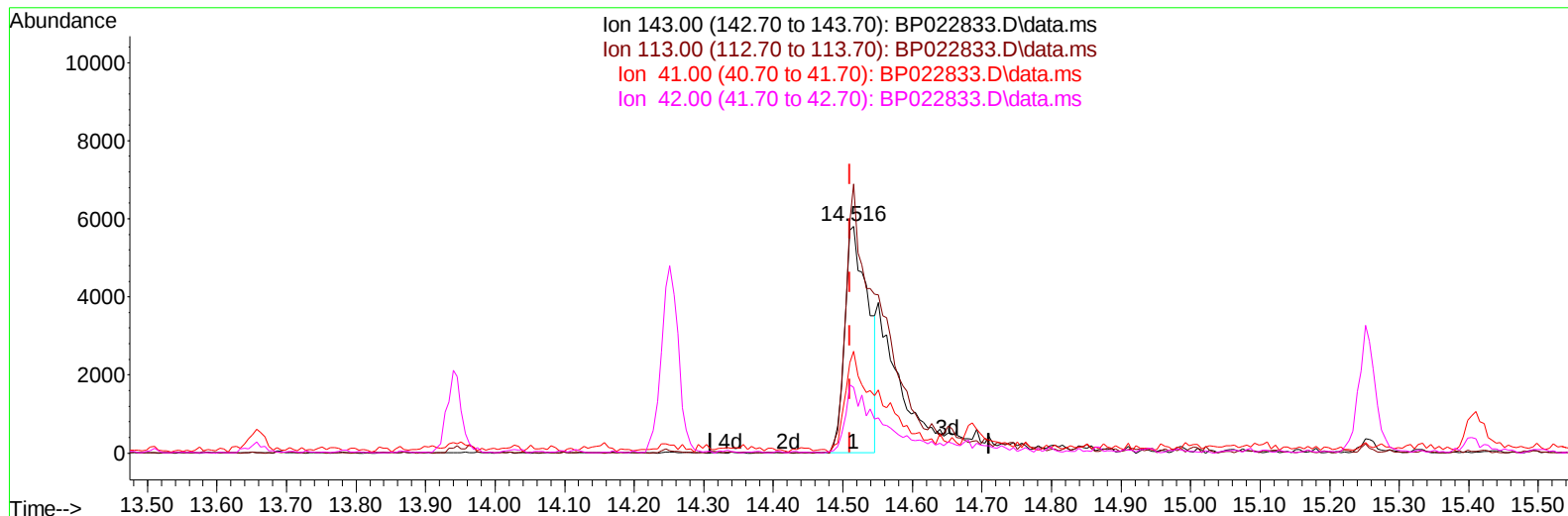
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.006) 3.67 ng/u1

response 13559

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	118.60#
41.00	35.90	44.90#
42.00	23.70	28.86#

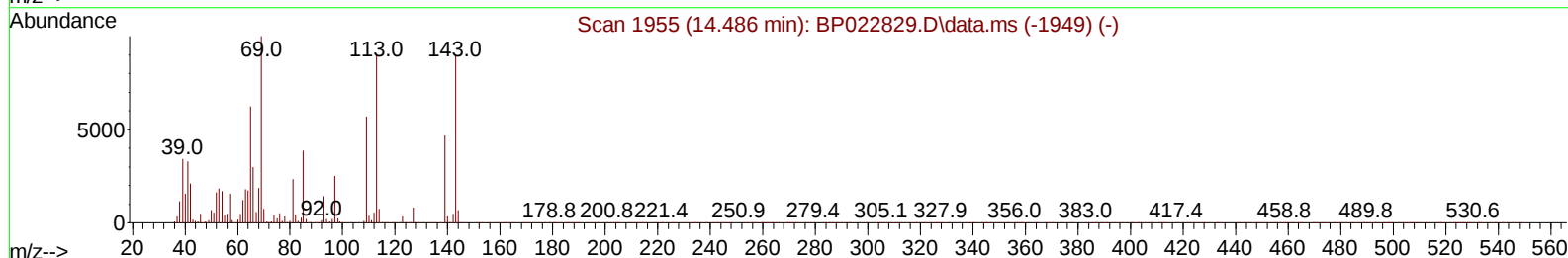
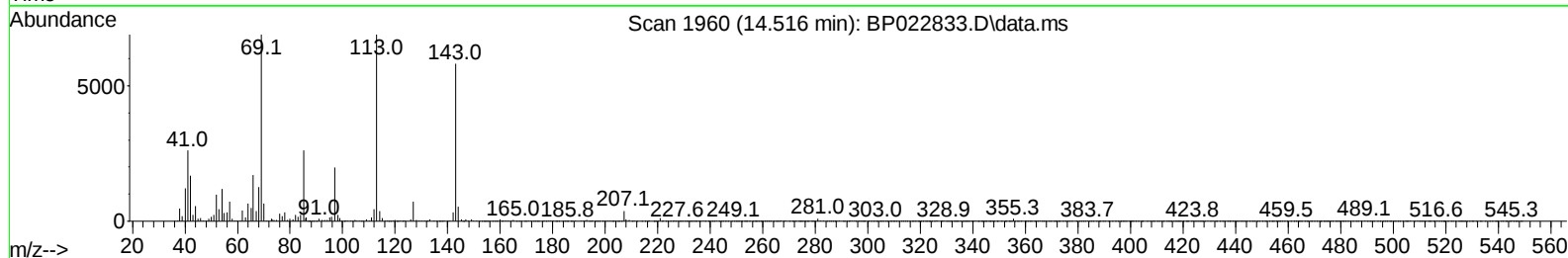
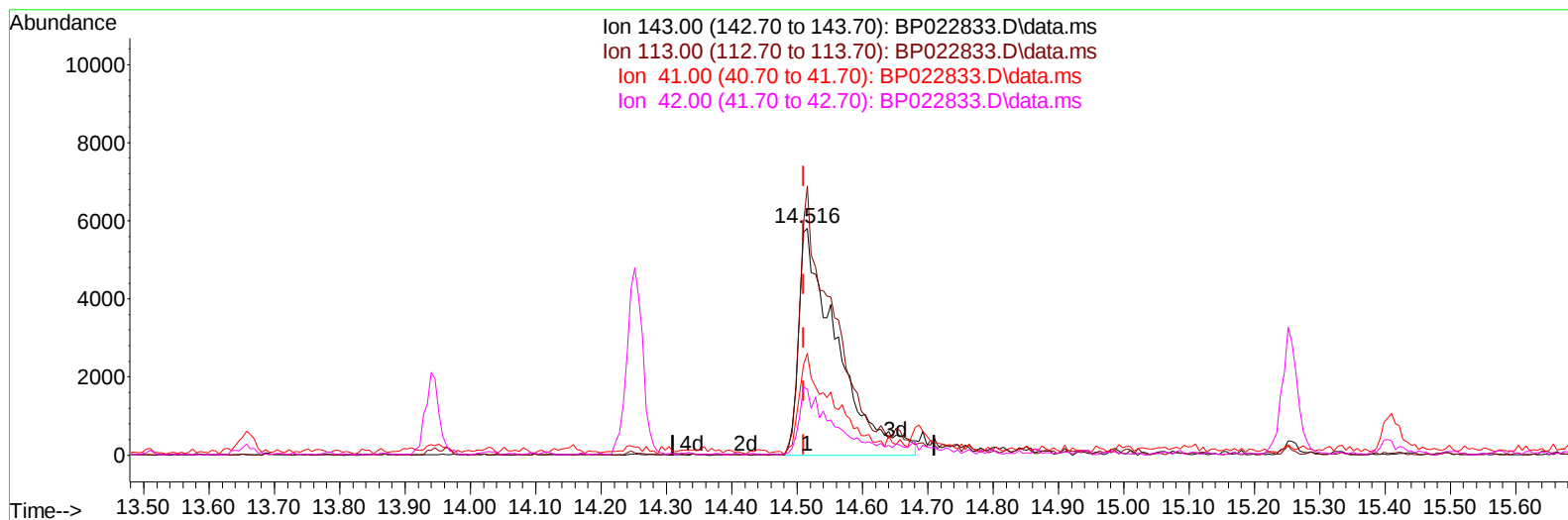
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022833.D
 Acq On : 04 Nov 2024 19:01
 Operator : RC/JU
 Sample : P4568-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:34:30 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: BP022833.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.006) 6.37 ng/ul m

response 23505

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	118.60#
41.00	35.90	44.90#
42.00	23.70	28.86#

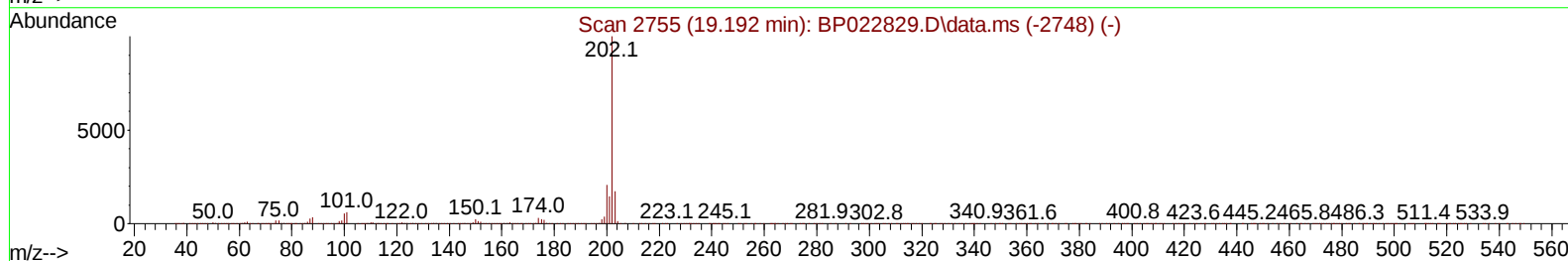
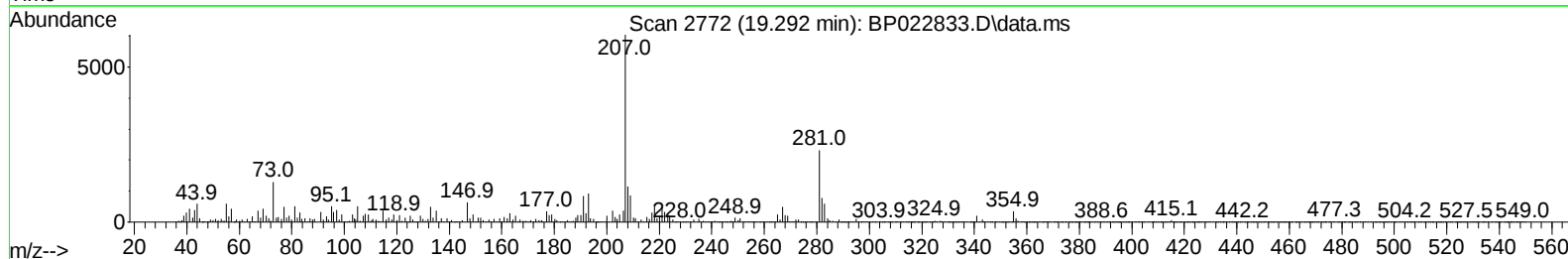
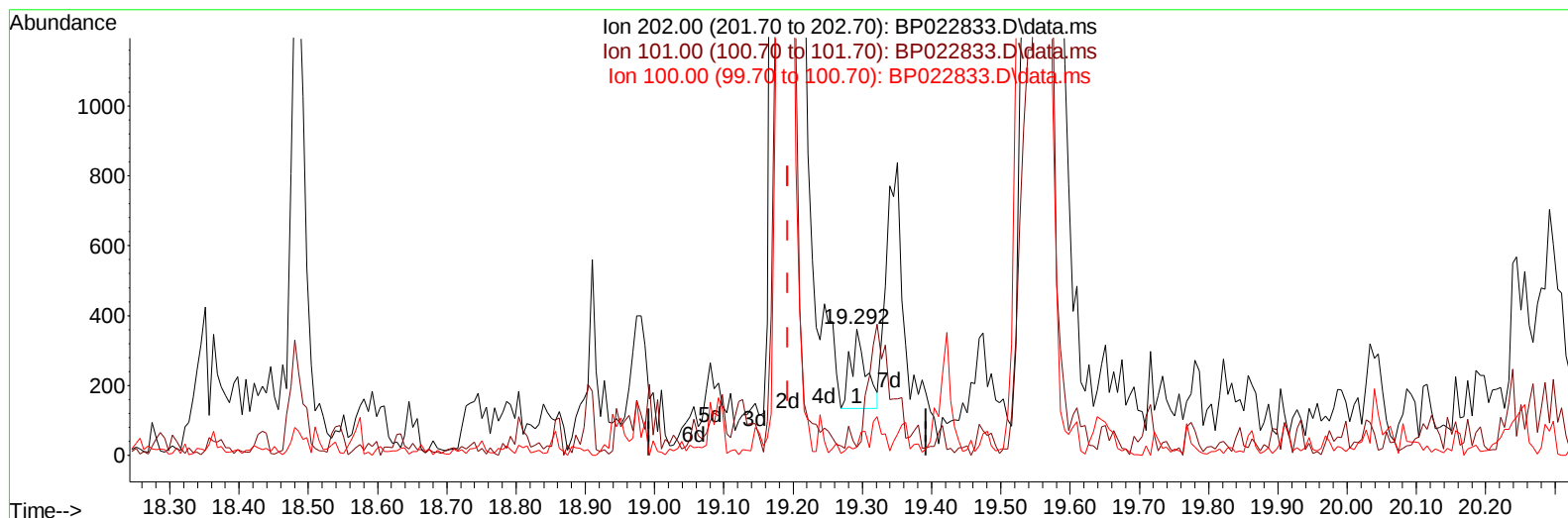
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022833.D
 Acq On : 04 Nov 2024 19:01
 Operator : RC/JU
 Sample : P4568-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:36:47 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: BP022833.D\data.ms

(80) Fluoranthene

19.292min (+ 0.100) 0.01 ng/u1

response 344

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.30	6.37
100.00	5.60	6.37
0.00	0.00	0.00

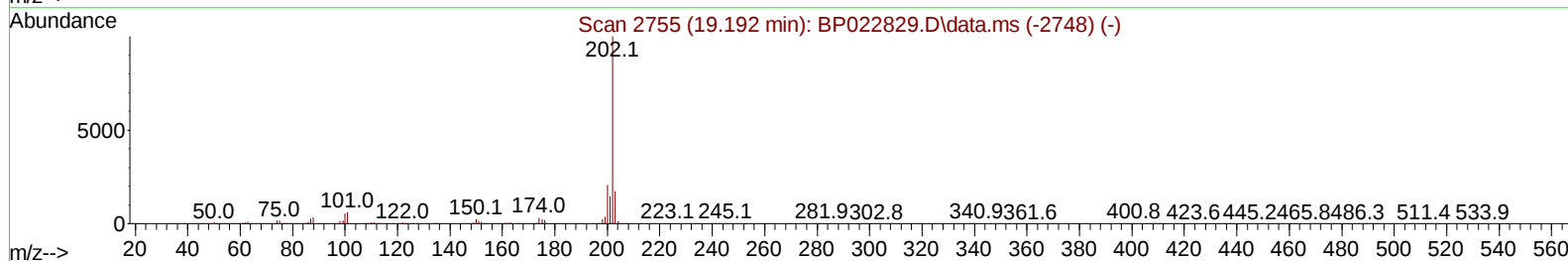
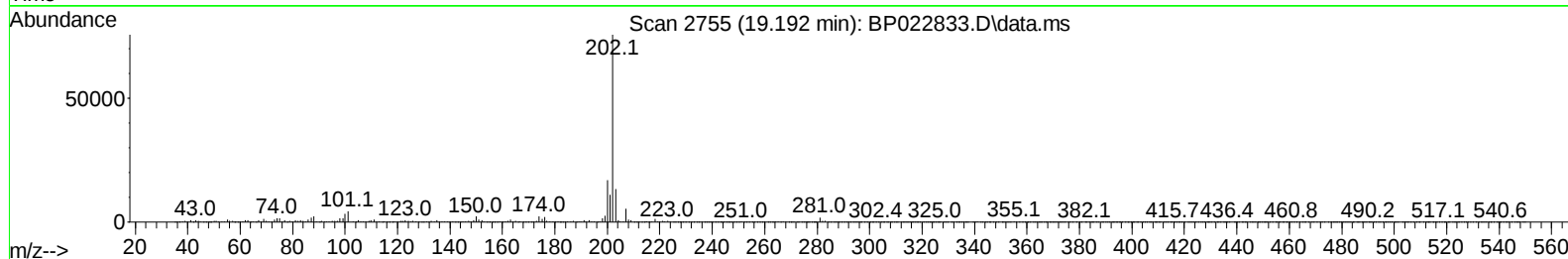
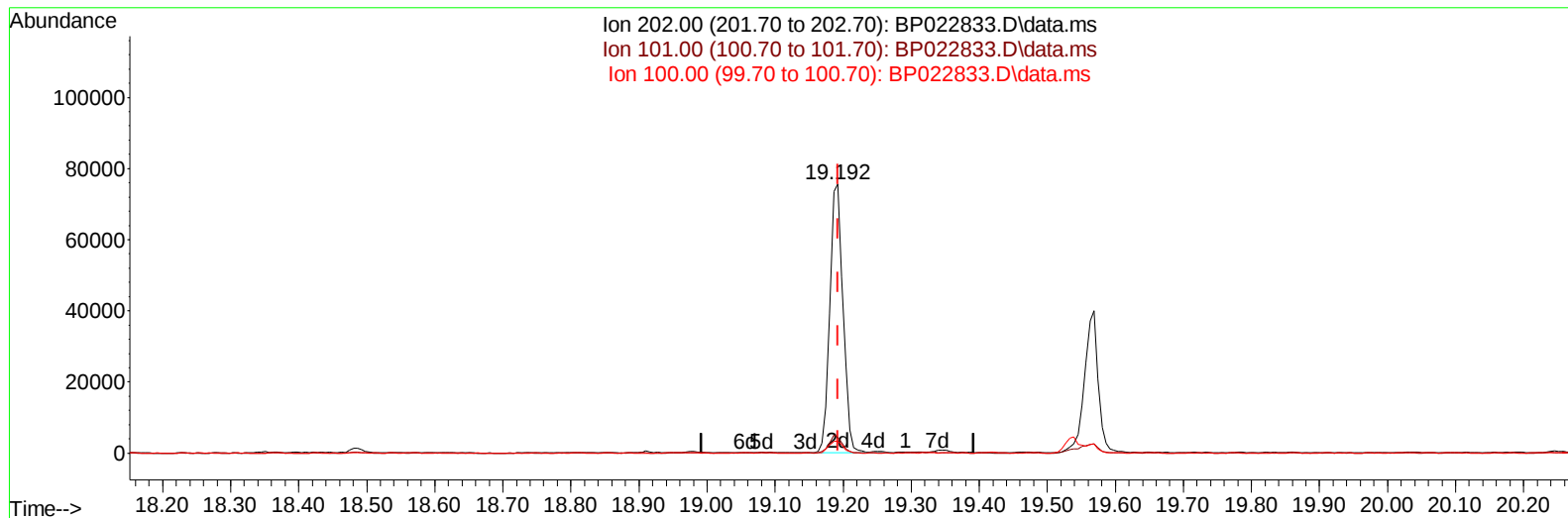
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:36:47 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: BP022833.D\data.ms

(80) Fluoranthene

19.192min (-0.000) 2.38 ng/ul m

response 101576

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.30	5.85
100.00	5.60	4.47#
0.00	0.00	0.00

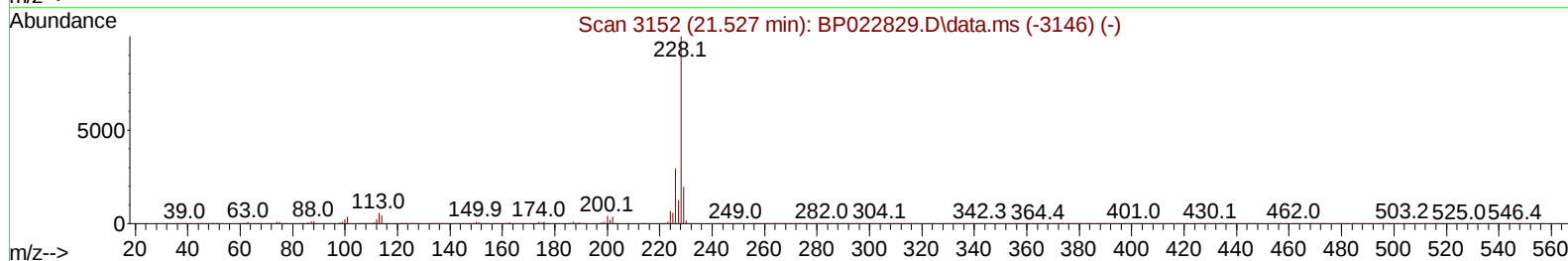
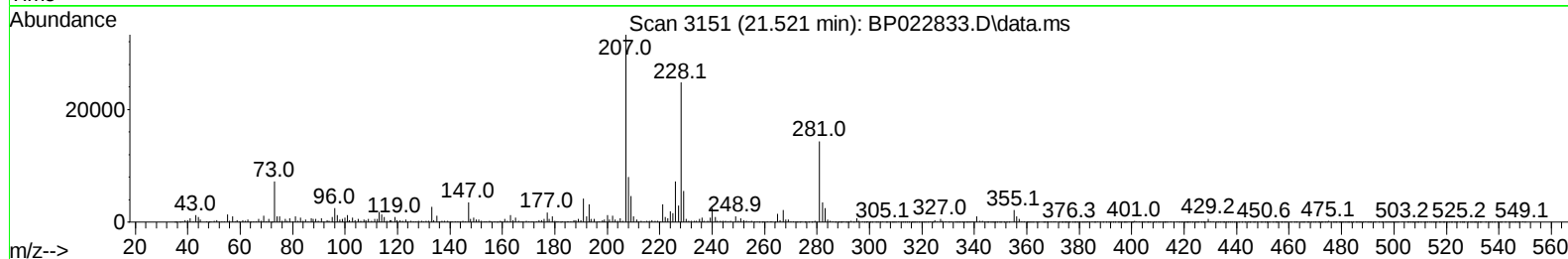
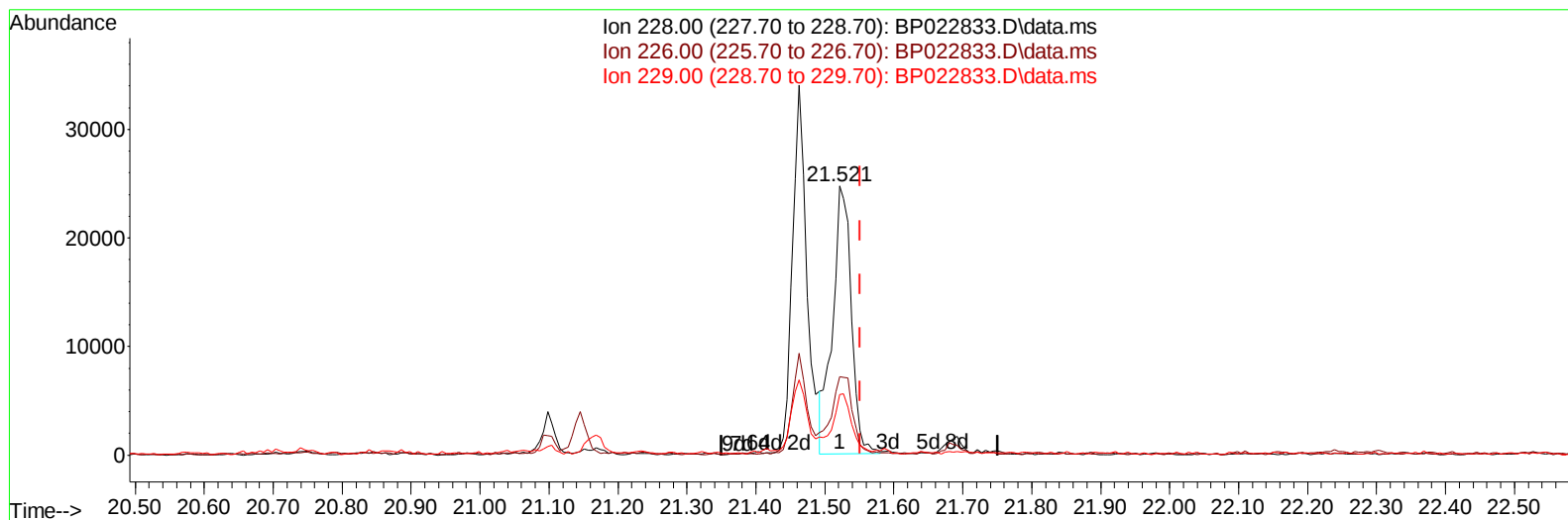
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:37:29 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: BP022833.D\data.ms

(87) Chrysene

21.521min (-0.029) 1.02 ng/u1

response 46580

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	29.18
229.00	19.40	22.45
0.00	0.00	0.00

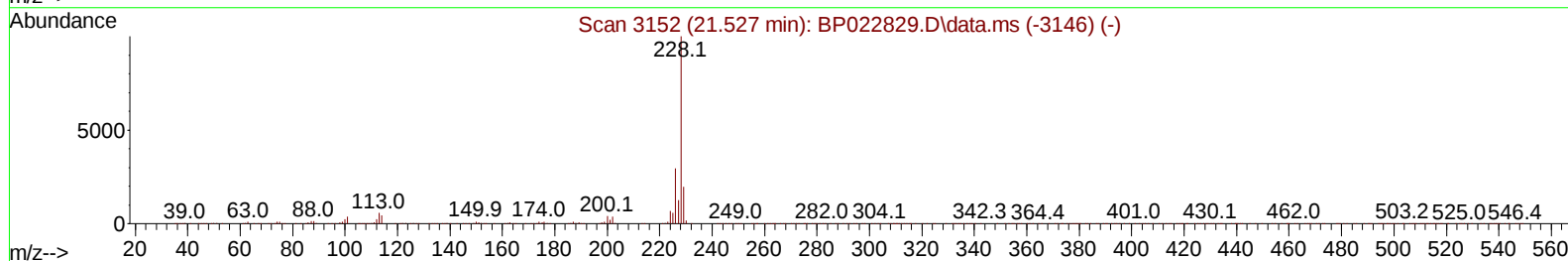
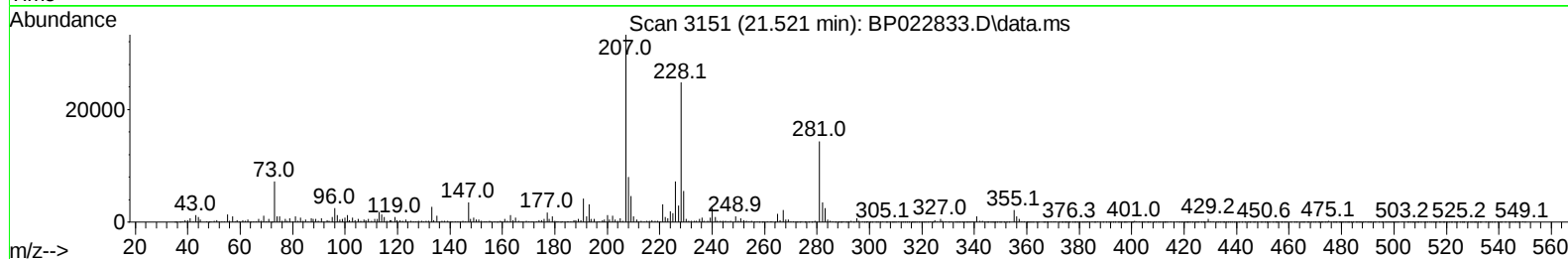
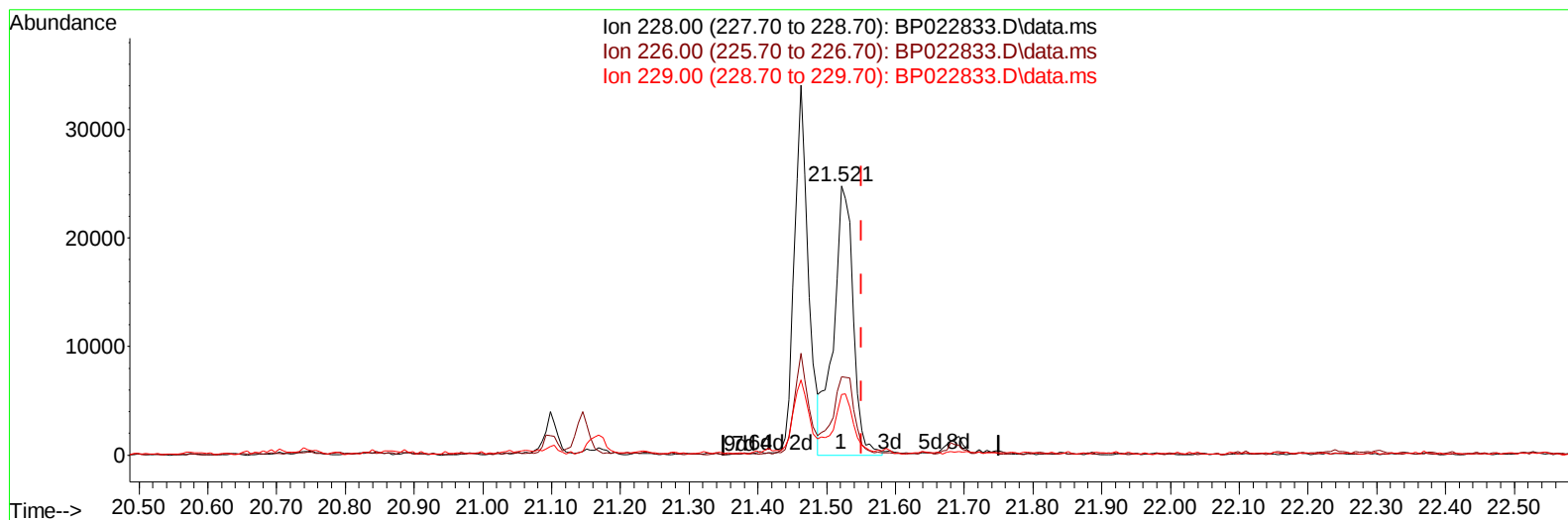
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:37:29 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: BP022833.D\data.ms

(87) Chrysene

21.521min (-0.029) 1.08 ng/u1 m

response 49215

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	29.18
229.00	19.40	22.45
0.00	0.00	0.00

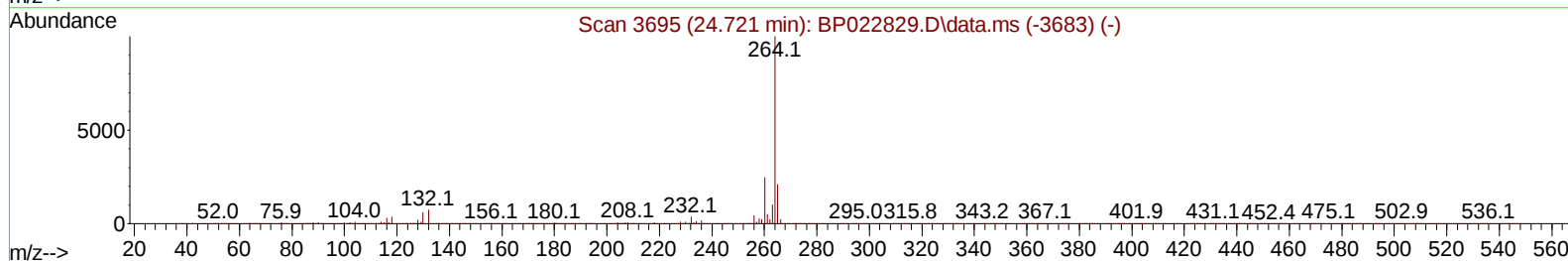
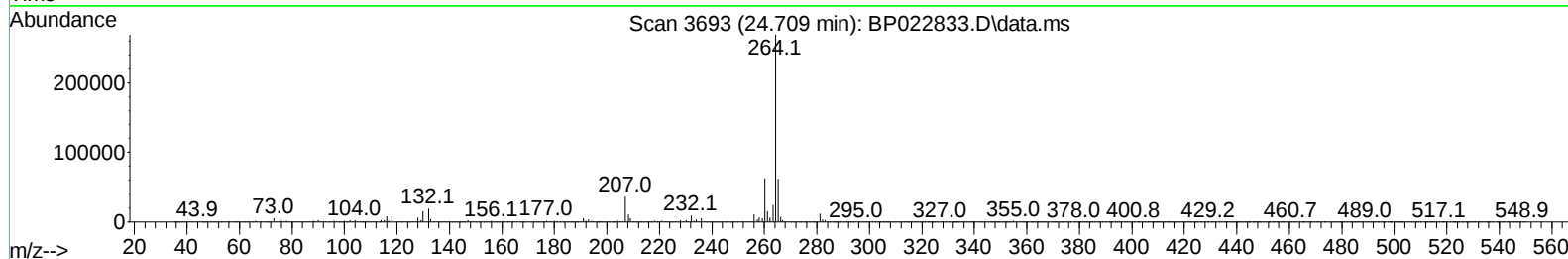
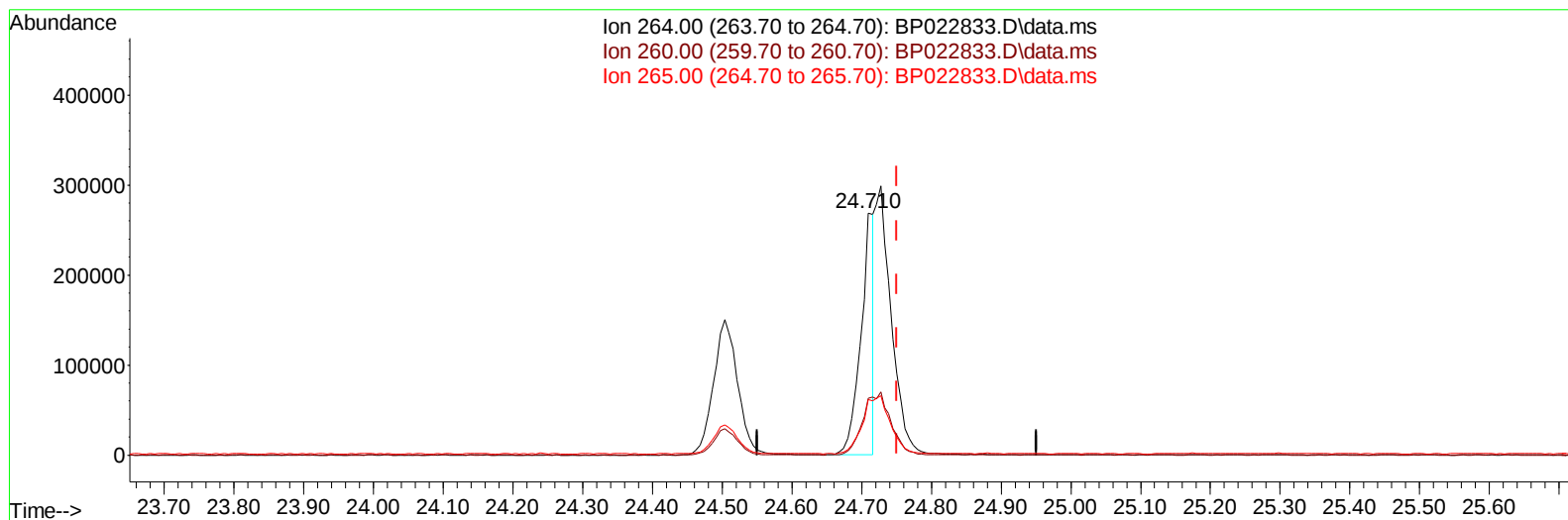
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

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

Quant Time: Nov 04 21:37:29 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: BP022833.D\data.ms

(88) Perylene-d12 (I)

24.709min (-0.041) 20.00 ng/u1

response 344072

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.20	23.38
265.00	22.20	22.93
0.00	0.00	0.00

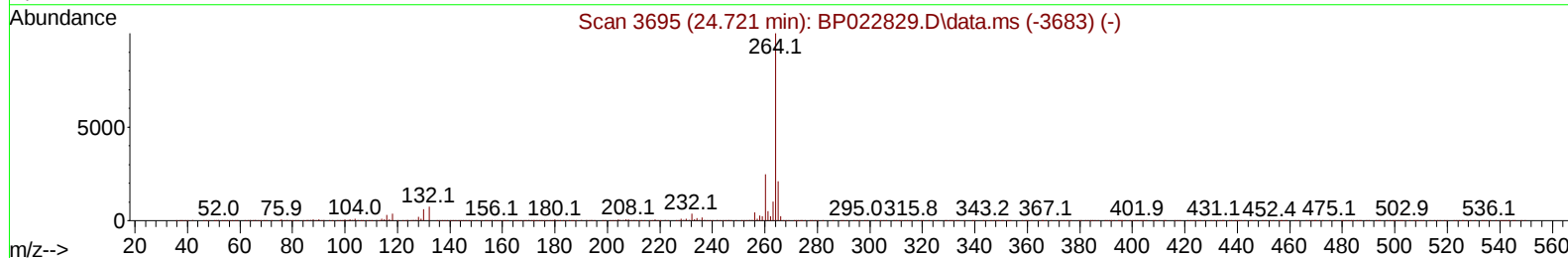
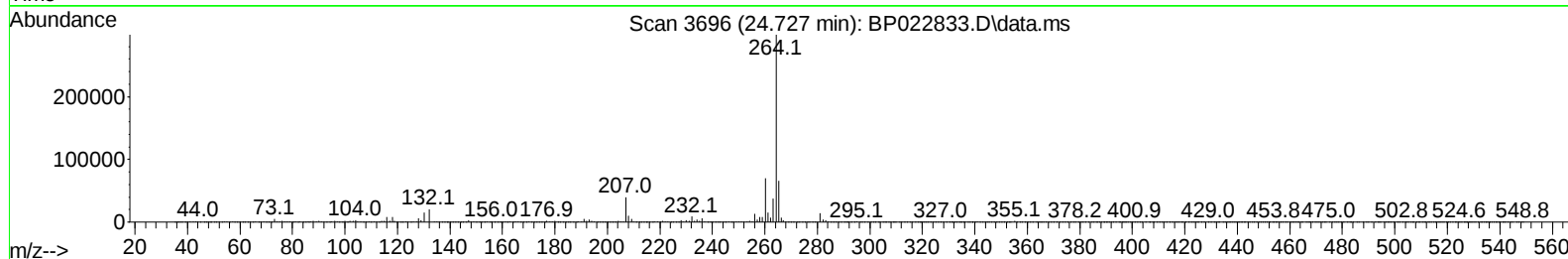
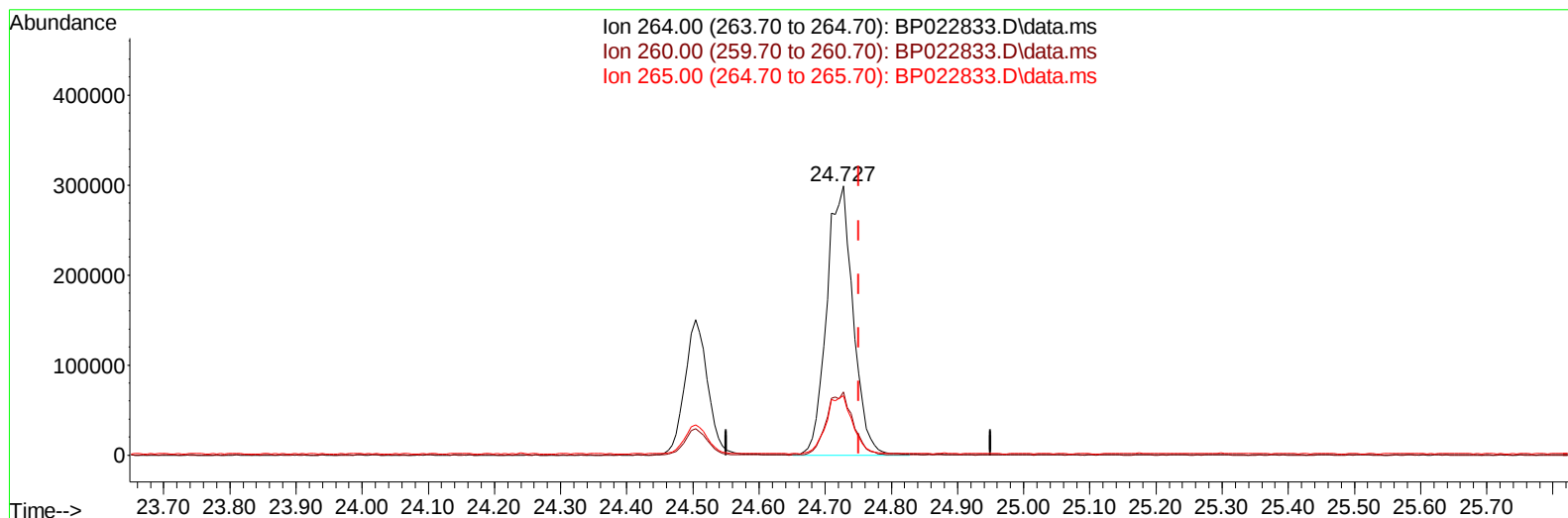
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022833.D
Acq On : 04 Nov 2024 19:01
Operator : RC/JU
Sample : P4568-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:37:29 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: BP022833.D\data.ms

(88) Perylene-d12 (I)

24.727min (-0.024) 20.00 ng/ul m

response 827537

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.20	23.52
265.00	22.20	22.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022833.D
 Acq On : 04 Nov 2024 19:01
 Operator : RC/JU
 Sample : P4568-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF6

Manual IntegrationsAPPROVED

Quant Time: Nov 04 21:38:41 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	92708	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	347935	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	276846	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.051	188	665146	20.000	ng/ul	-0.01
79) Chrysene-d12	21.480	240	701885	20.000	ng/ul	-0.02
88) Perylene-d12	24.727	264	827537m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	2309m	0.968	ng/uL	0.00
4) Pyridine-d5	3.622	84	4962m	0.758	ng/ul	0.03
7) Phenol-d5	6.828	99	72936	9.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	46077	10.046	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	58078	10.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	54310	8.720	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	29422	10.998	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	33910	10.948	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	67847	10.307	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	44352	5.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	255498	11.616	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	253494	10.851	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	23505m	6.370	ng/ul	0.00
60) Fluorene-d10	15.251	176	222290	11.651	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	28091	6.421	ng/ul	0.00
73) Anthracene-d10	17.151	188	344331	11.004	ng/ul	-0.02
81) Pyrene-d10	19.533	212	370468	9.981	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.504	264	362101	8.193	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.857	94	17434	2.147	ng/ul	96
16) Acetophenone	8.446	105	69527	6.762	ng/ul	92
72) Phenanthrene	17.092	178	51226	1.439	ng/ul	98
80) Fluoranthene	19.192	202	101576m	2.380	ng/ul	
82) Pyrene	19.569	202	56187	1.229	ng/ul#	97
87) Chrysene	21.521	228	49215m	1.079	ng/ul	
90) Benzo(b)fluoranthene	23.704	252	65900	1.265	ng/ul	96

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

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Quant Time: Nov 04 21:38:41 2024
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