

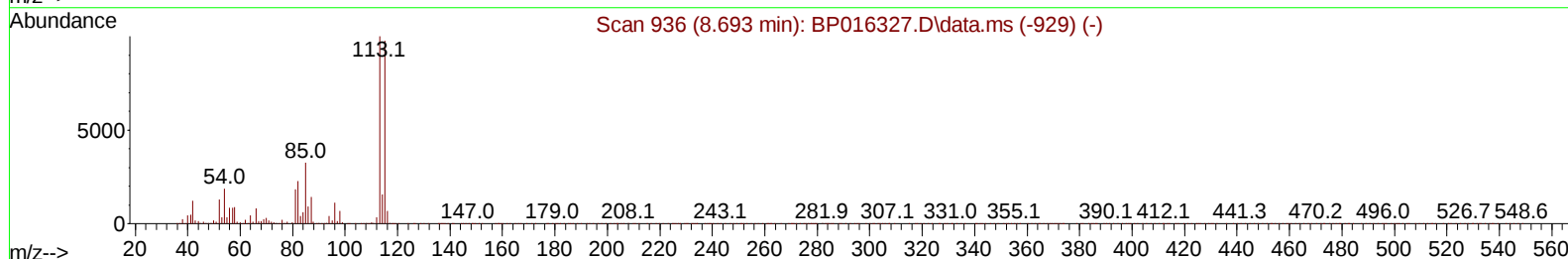
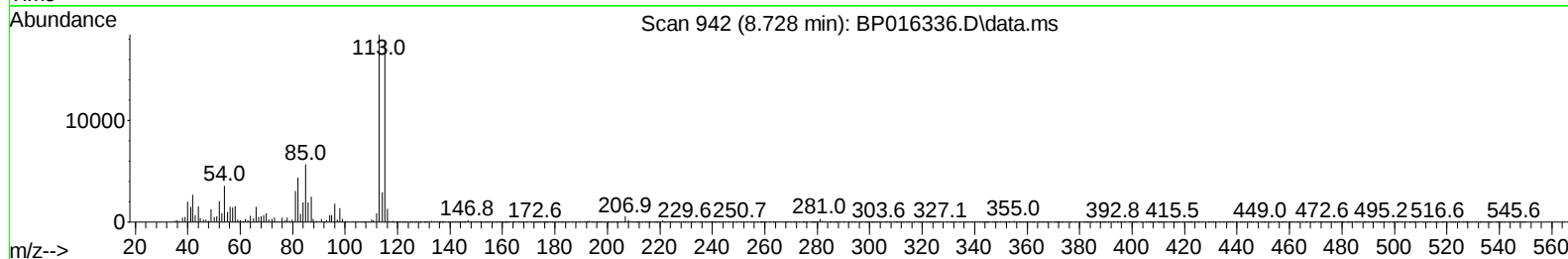
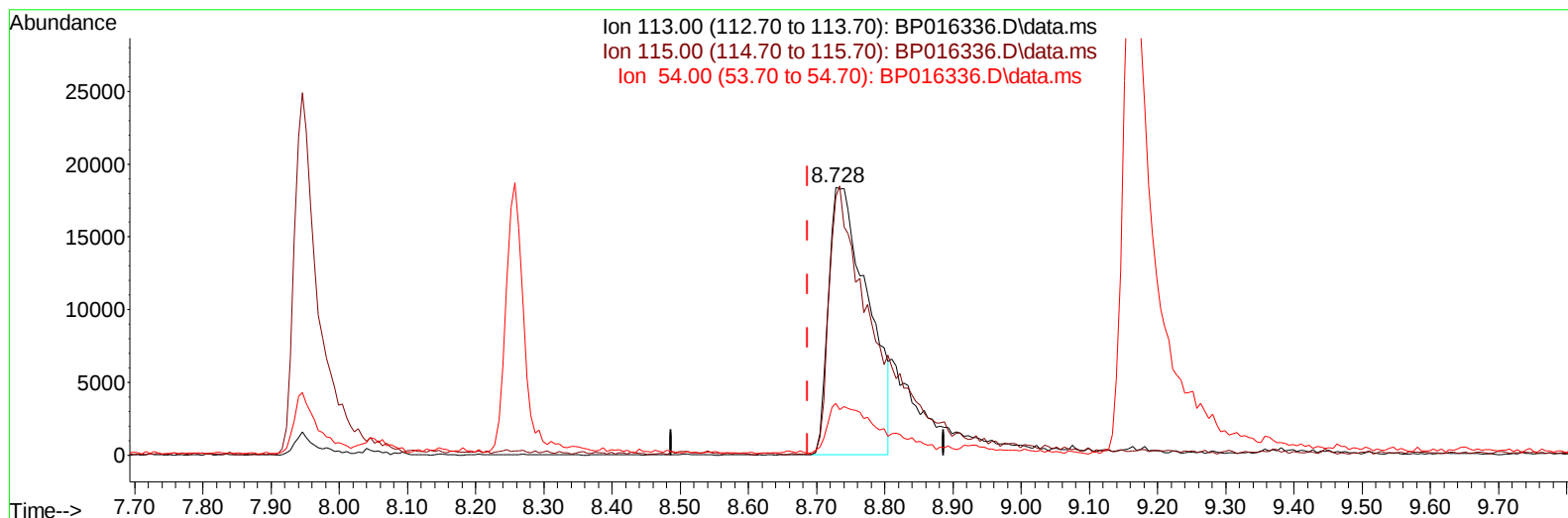
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.728min (+ 0.041) 10.39 ng/u1

response 73204

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	96.35
54.00	16.30	19.41
0.00	0.00	0.00

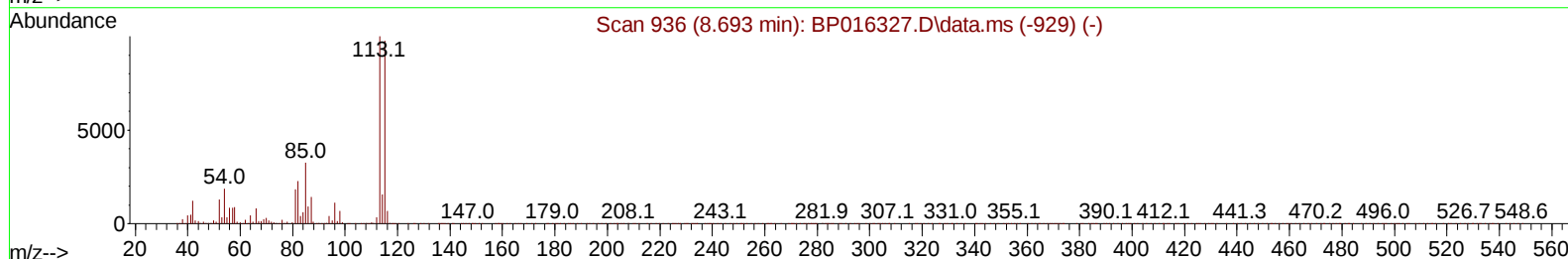
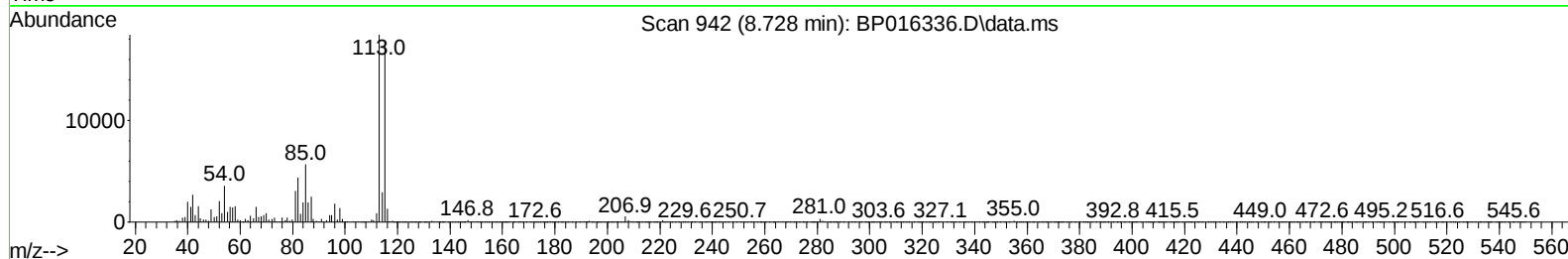
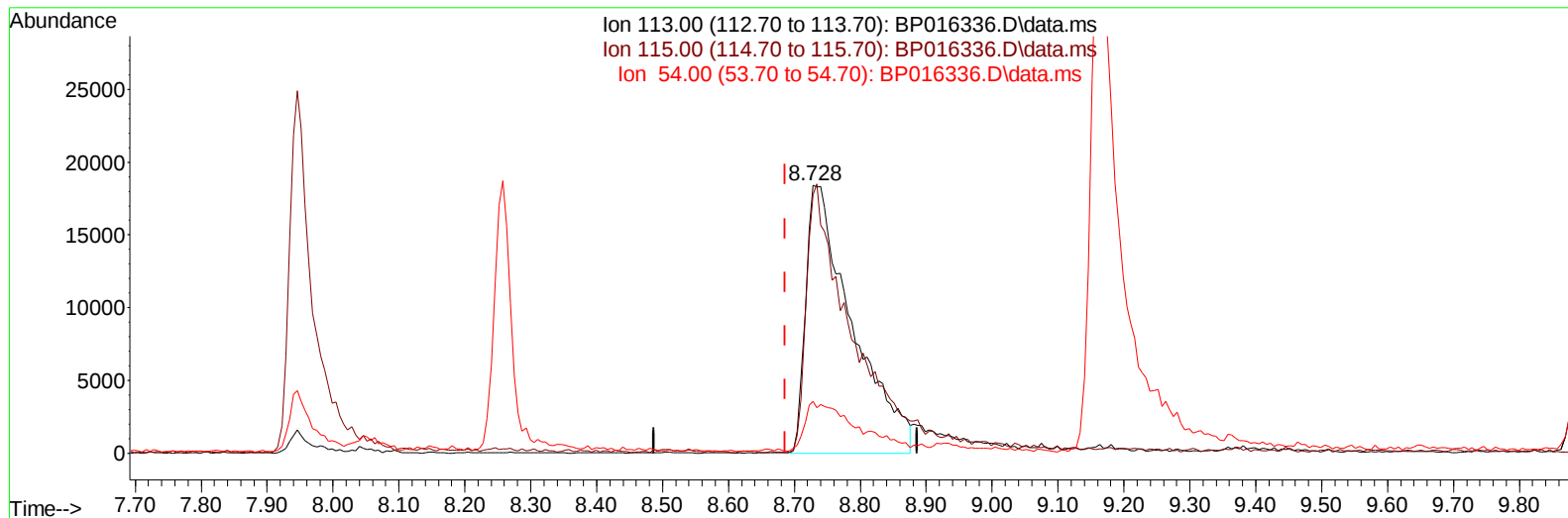
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.728min (+ 0.041) 12.77 ng/ul m

response 89952

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	96.35
54.00	16.30	19.41
0.00	0.00	0.00

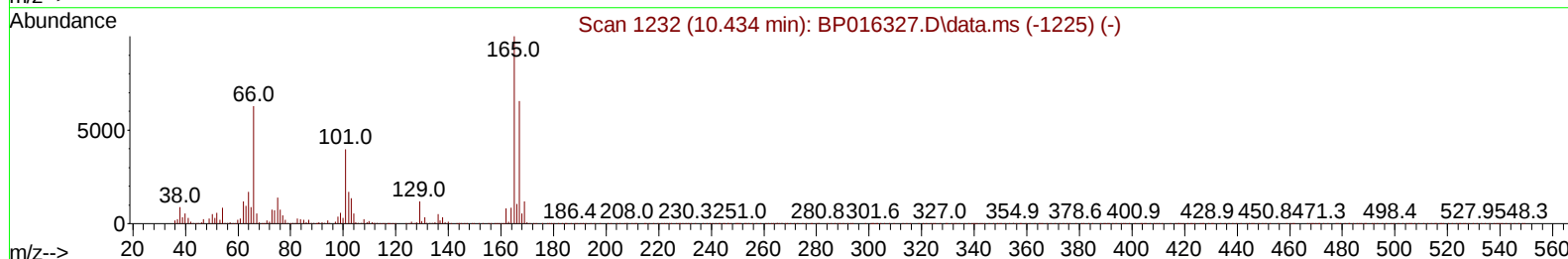
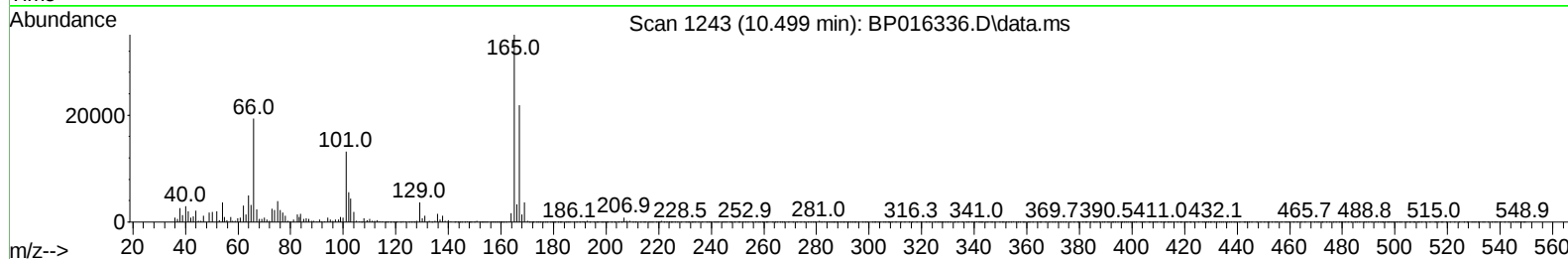
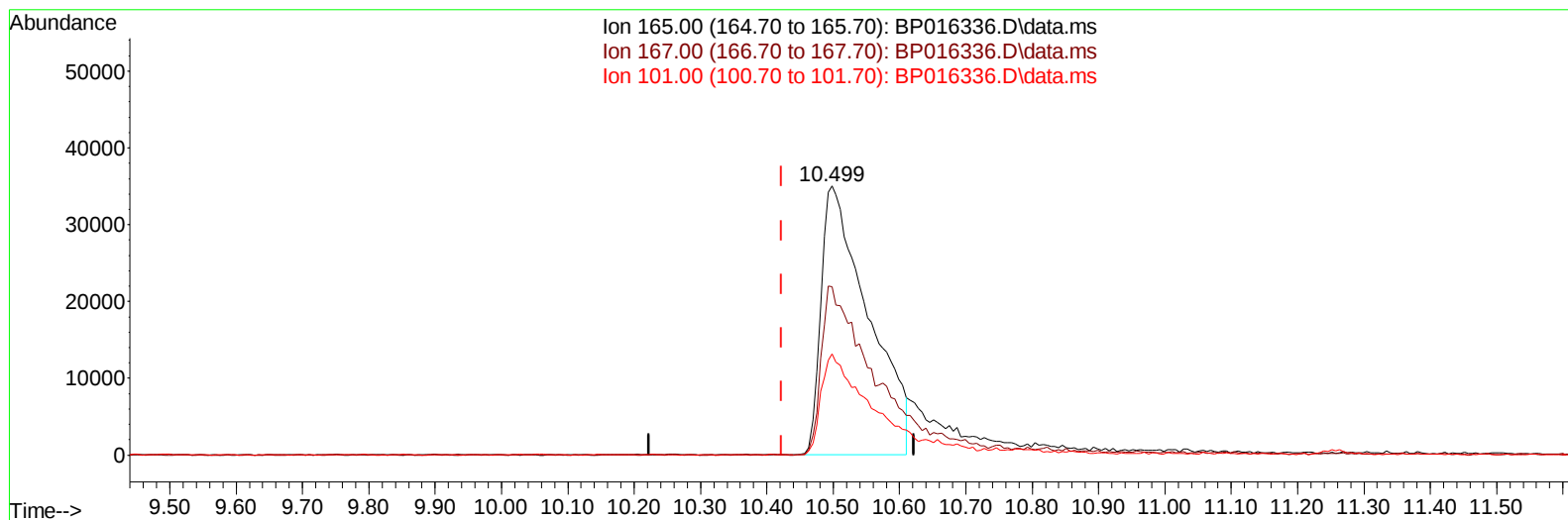
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.499min (+ 0.077) 21.46 ng/u1

response 172879

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	62.52
101.00	38.50	37.69
0.00	0.00	0.00

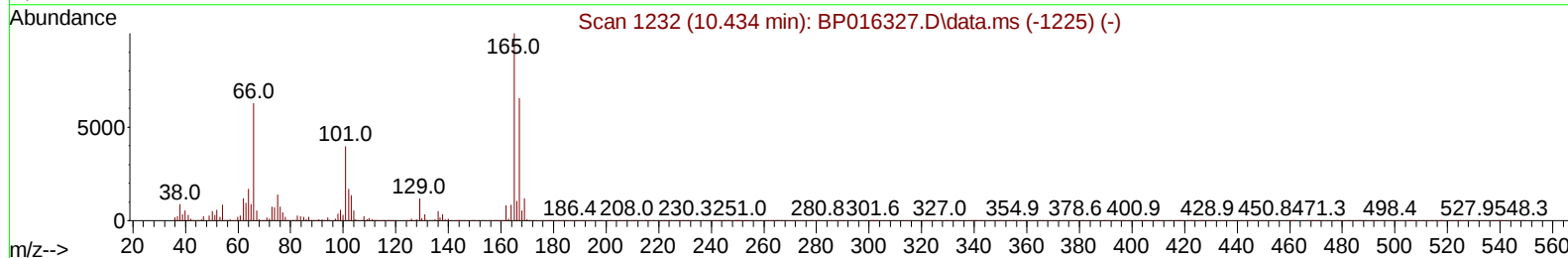
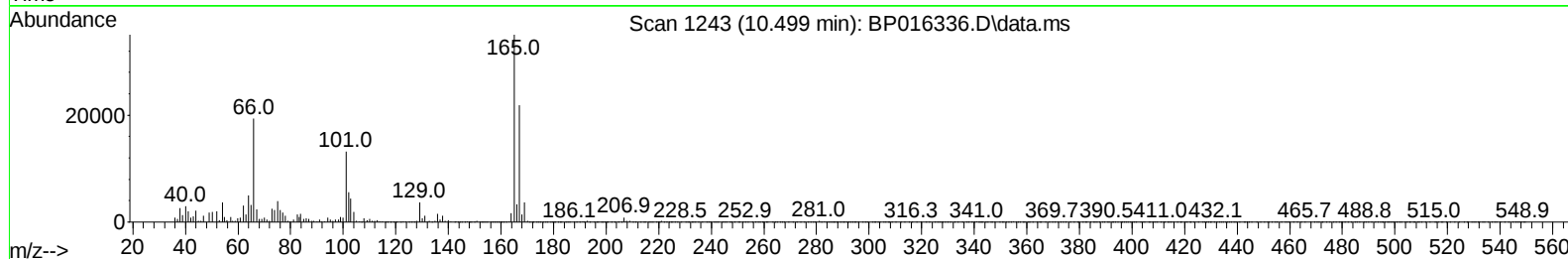
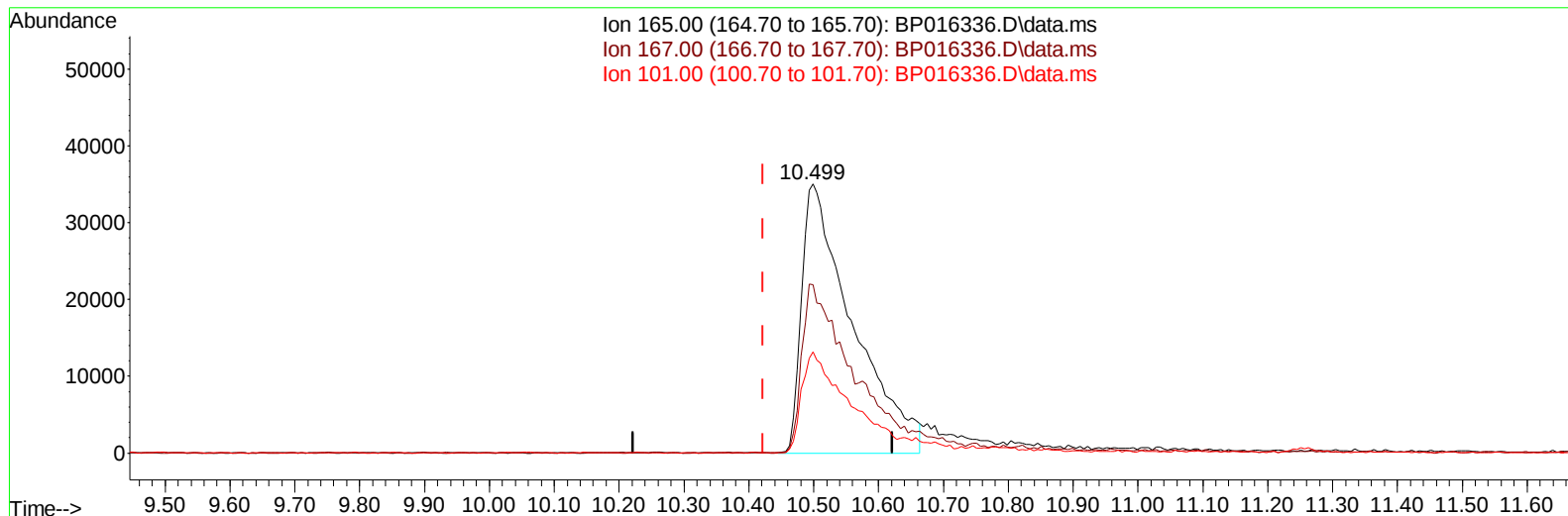
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.499min (+ 0.077) 23.53 ng/ul m

response 189607

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	62.52
101.00	38.50	37.69
0.00	0.00	0.00

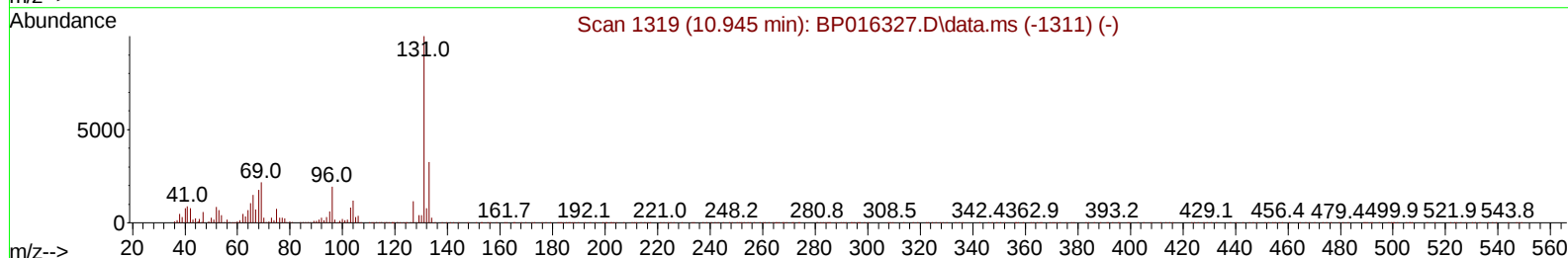
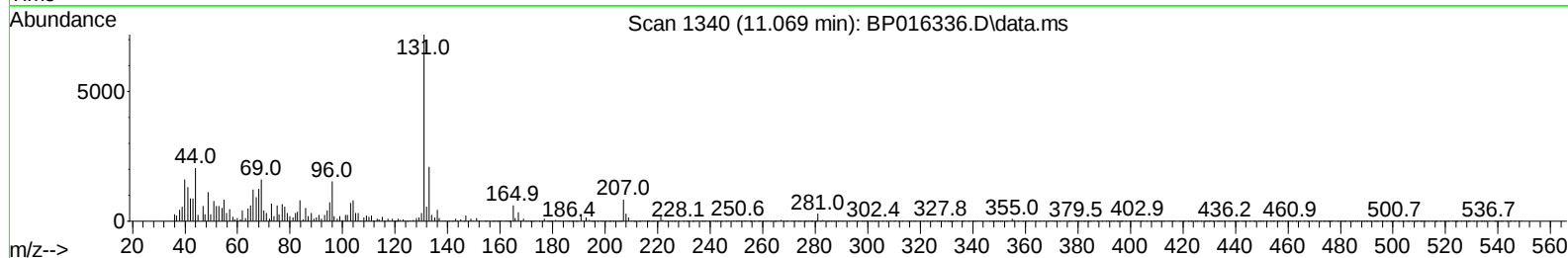
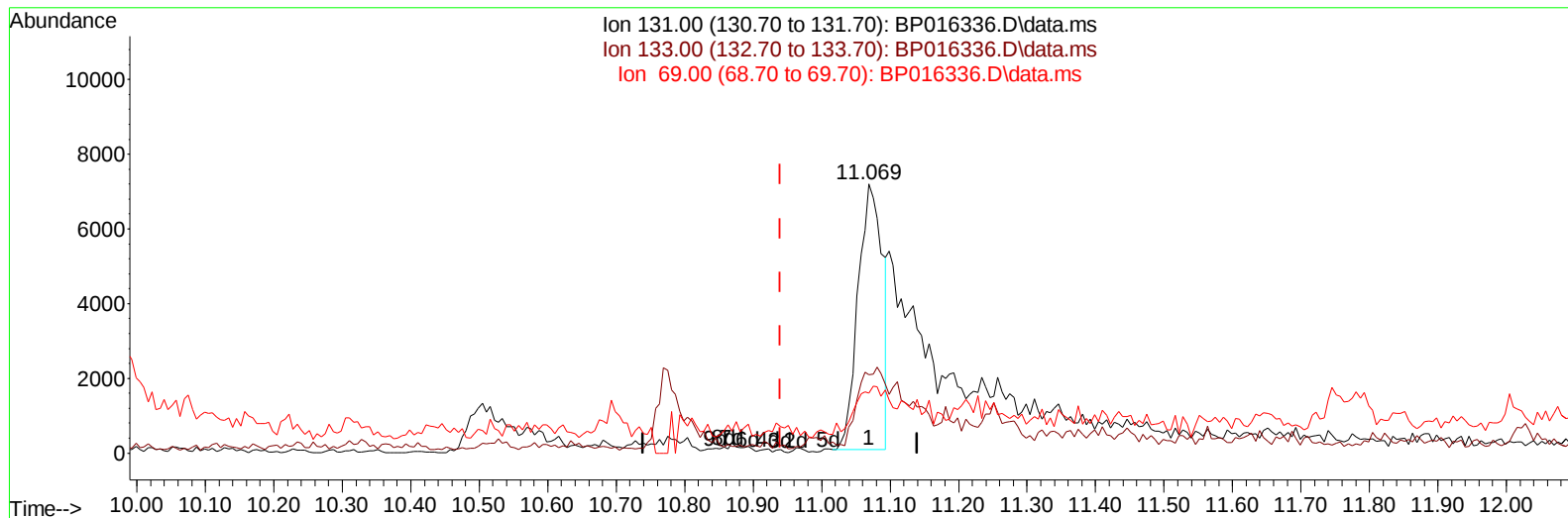
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016336.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.069min (+ 0.129) 1.35 ng/ul

response 17426

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	29.16
69.00	21.00	22.31
0.00	0.00	0.00

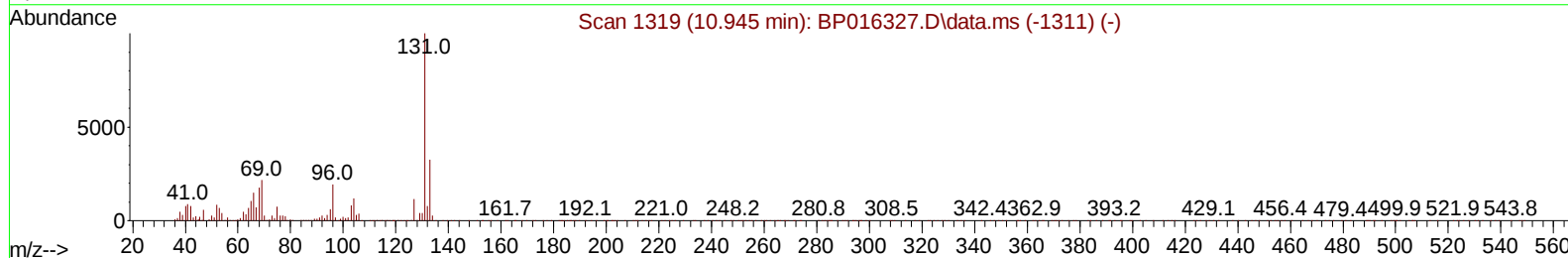
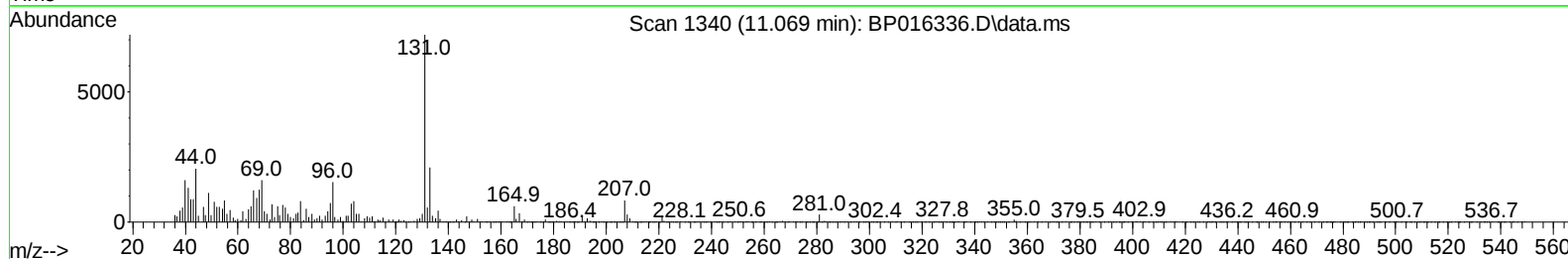
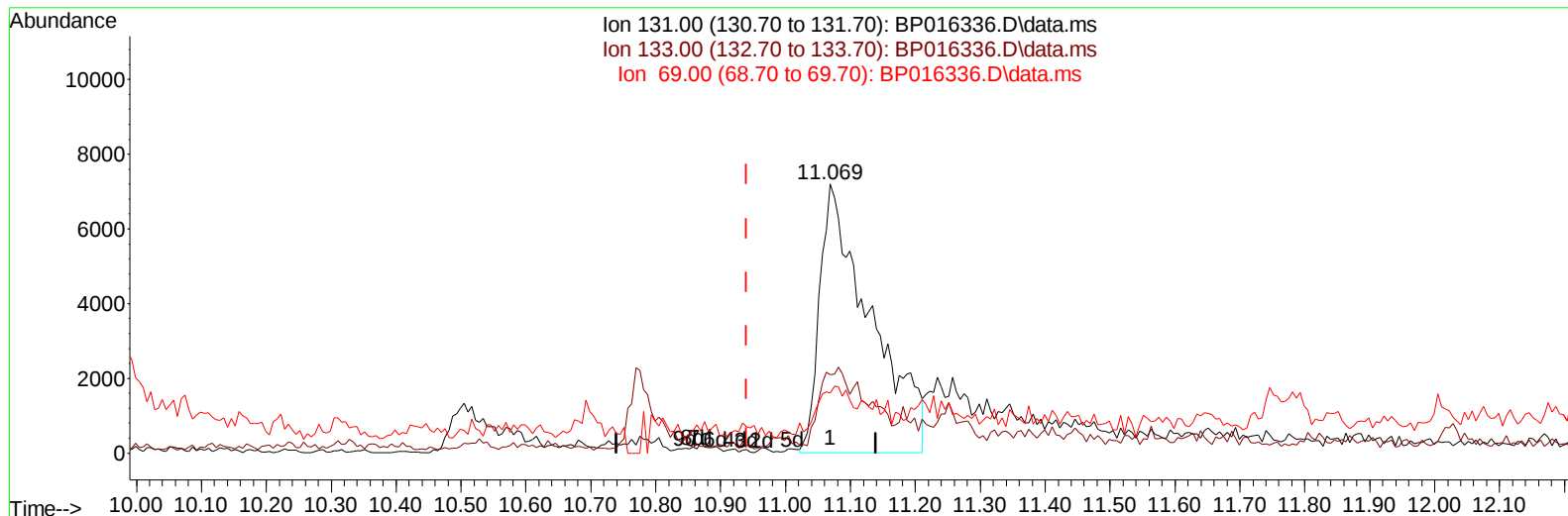
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.069min (+ 0.129) 2.99 ng/ul m

response 38665

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	29.16
69.00	21.00	22.31
0.00	0.00	0.00

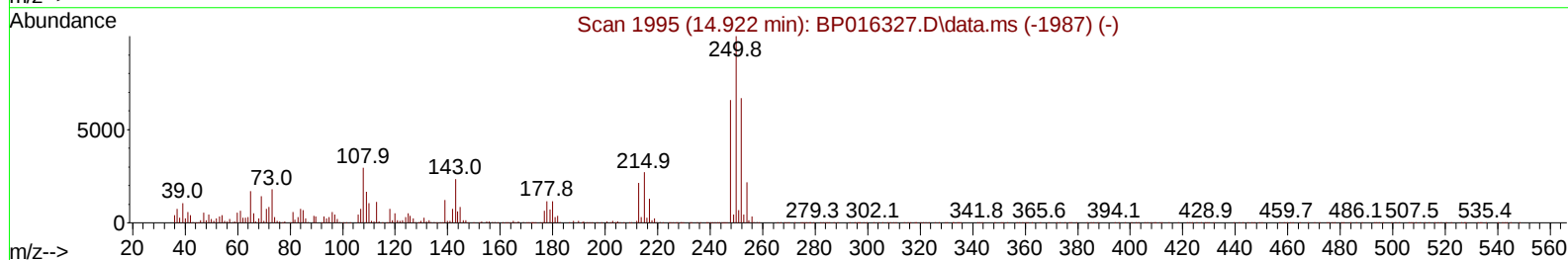
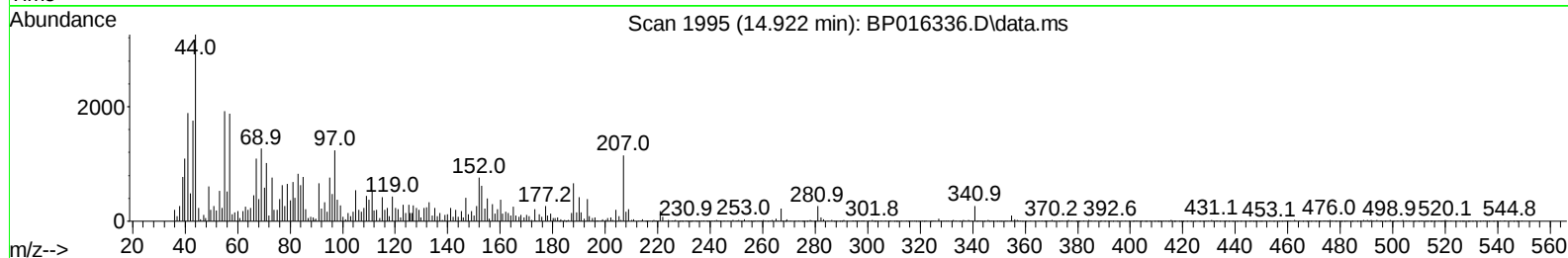
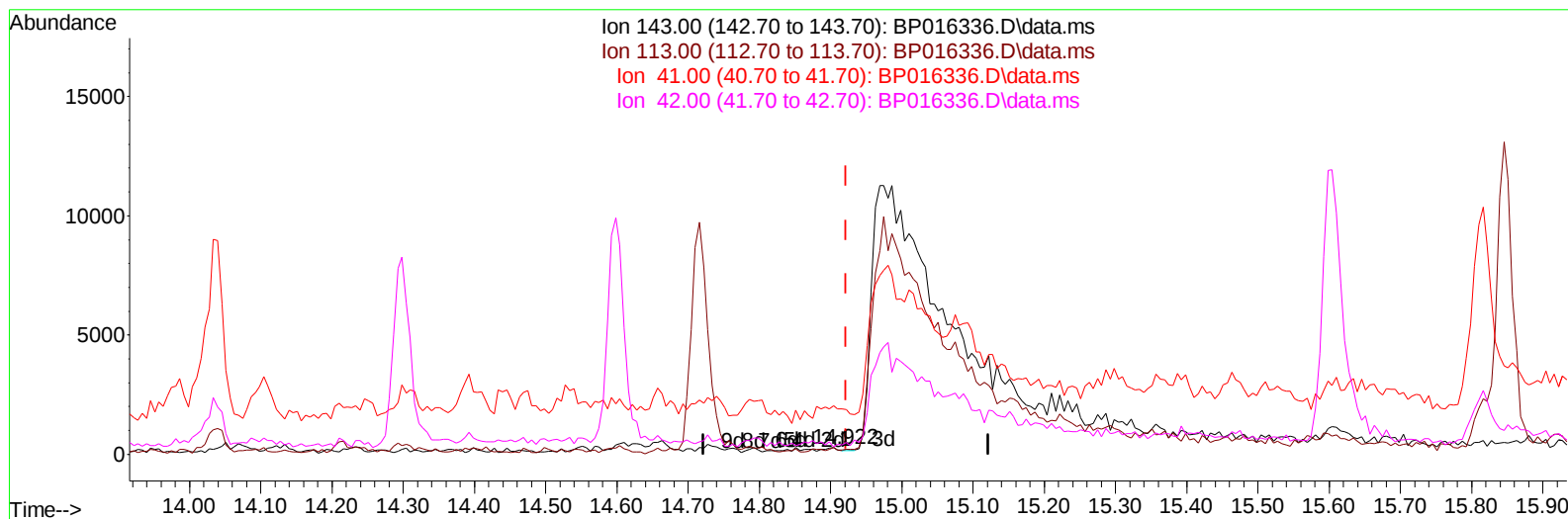
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.922min (+ 0.000) 0.01 ng/u1

response 43

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	99.01#
41.00	49.30	934.16#
42.00	32.70	239.11#

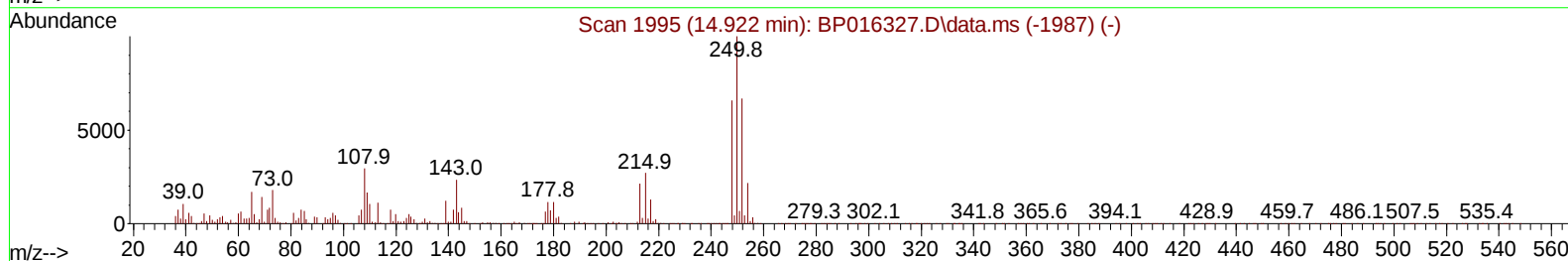
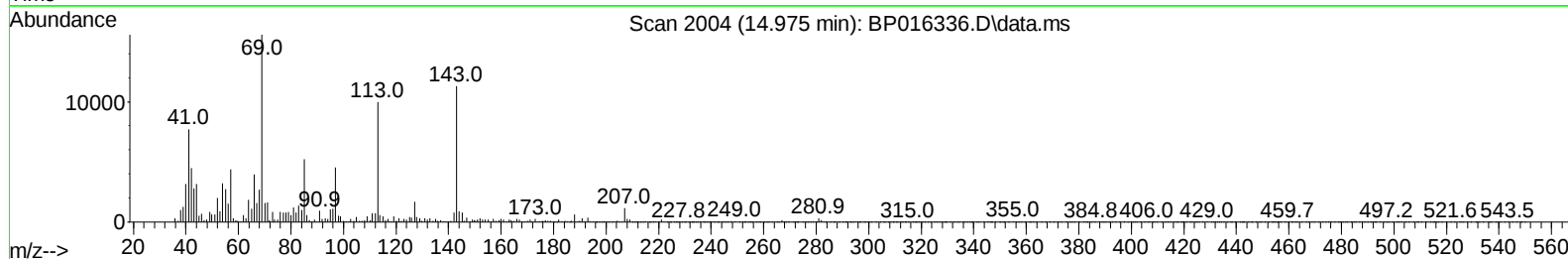
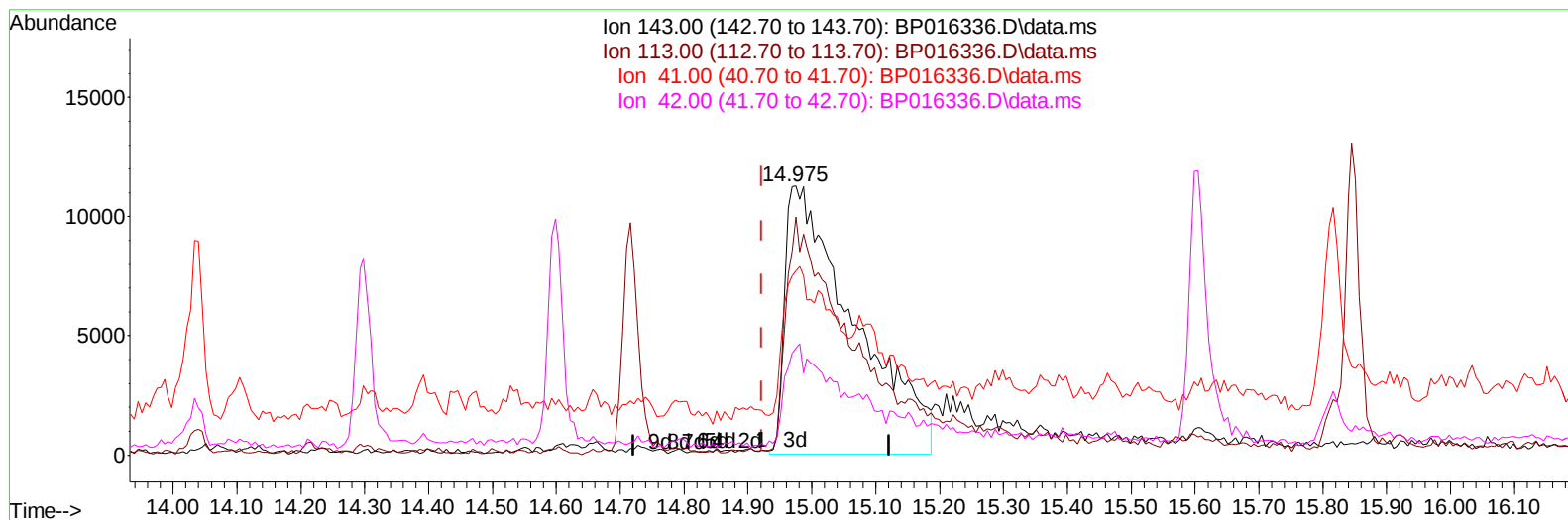
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.975min (+ 0.053) 13.78 ng/ul m

response 84305

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	88.52
41.00	49.30	68.42#
42.00	32.70	39.84#

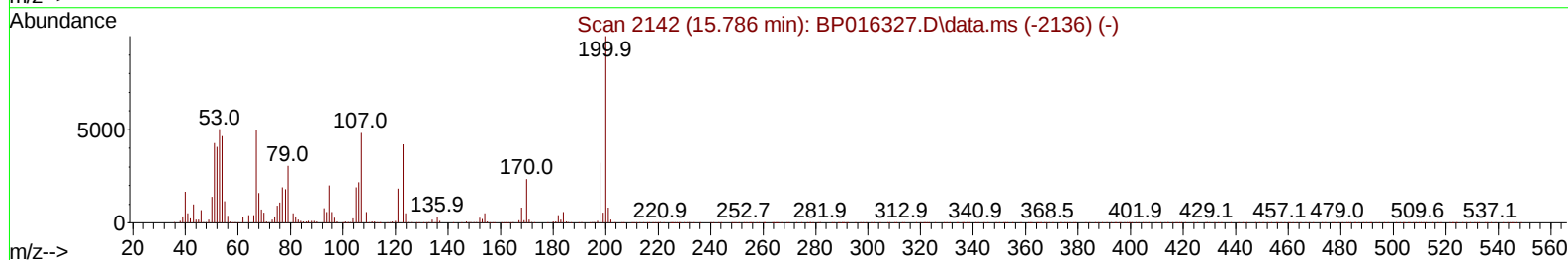
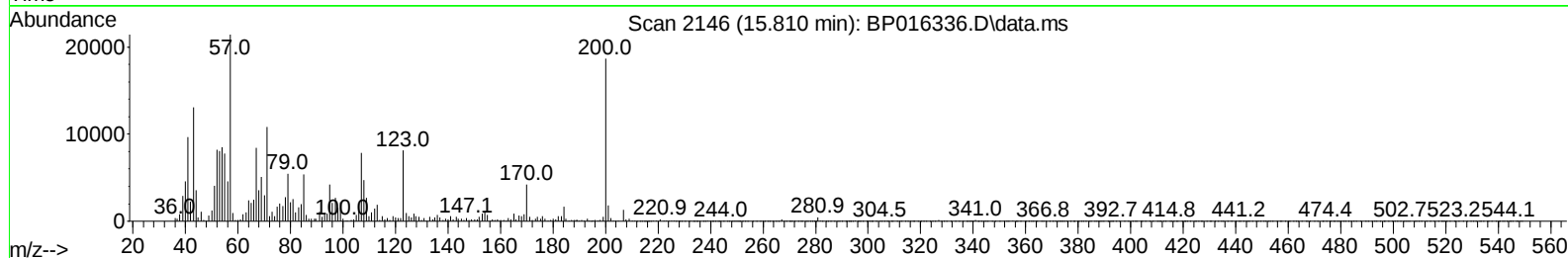
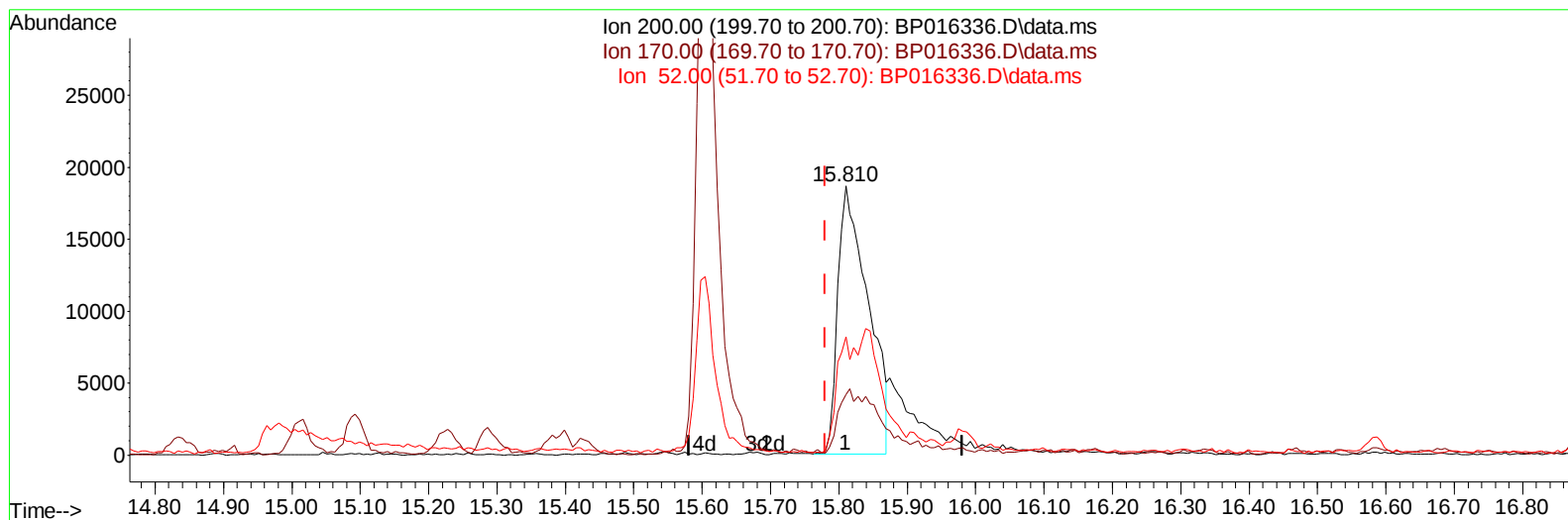
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

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

15.810min (+ 0.029) 11.52 ng/u1

response 57387

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	22.44
52.00	58.00	43.95#
0.00	0.00	0.00

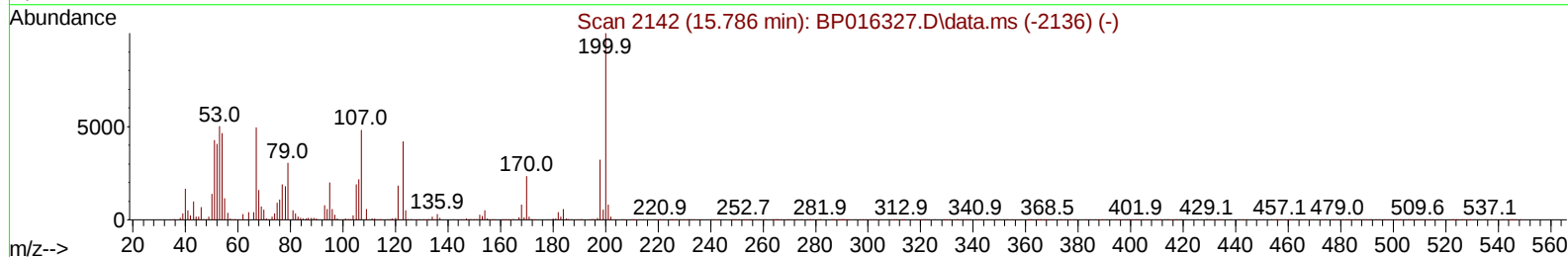
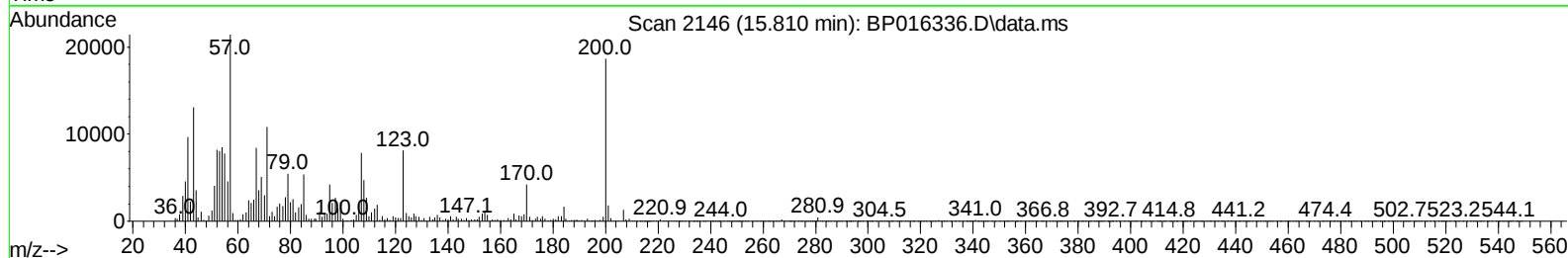
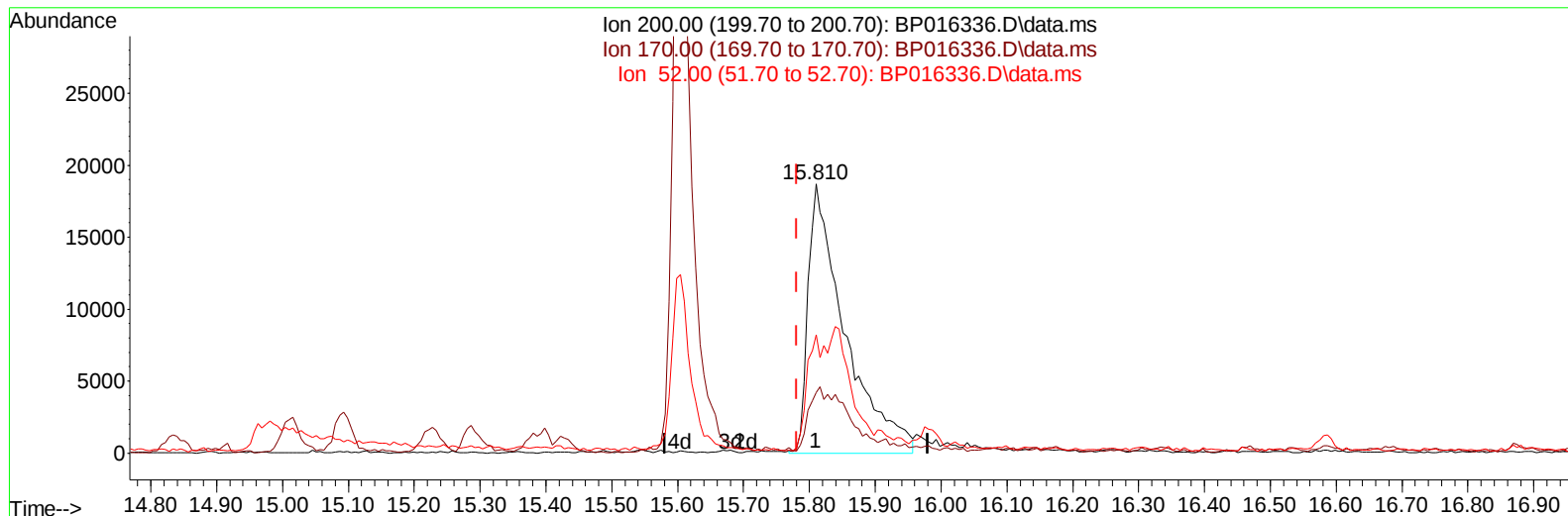
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

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

15.810min (+ 0.029) 14.49 ng/ul m

response 72144

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	22.44
52.00	58.00	43.95#
0.00	0.00	0.00

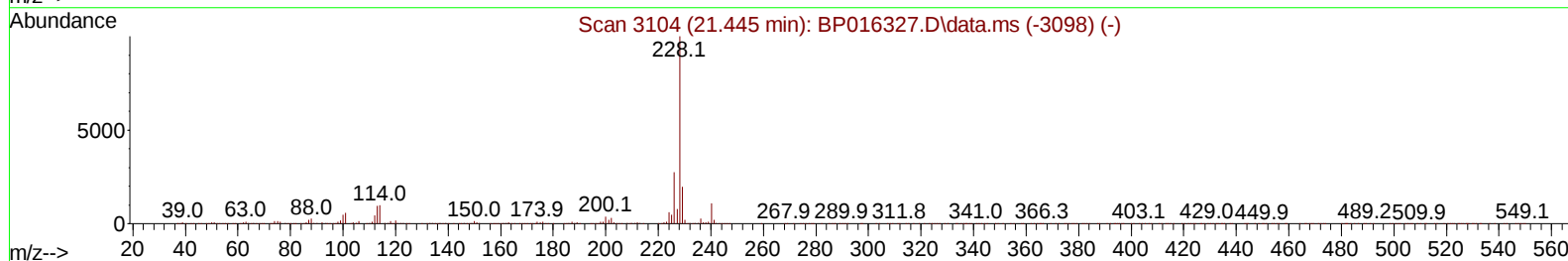
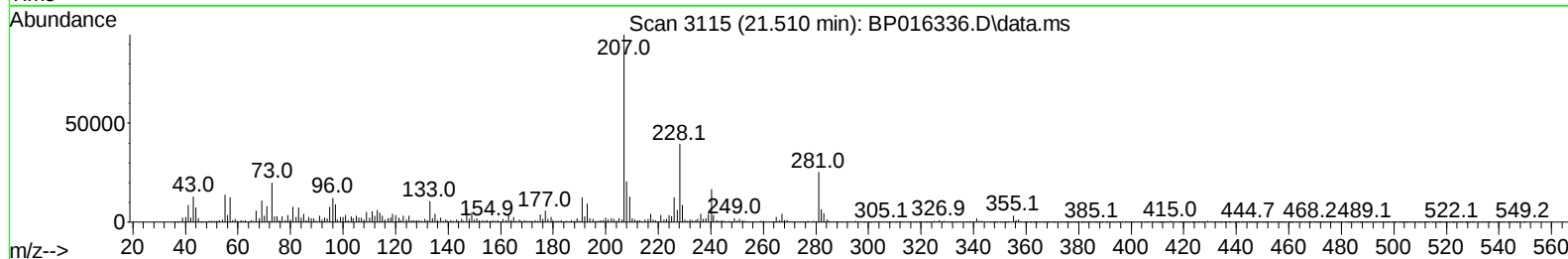
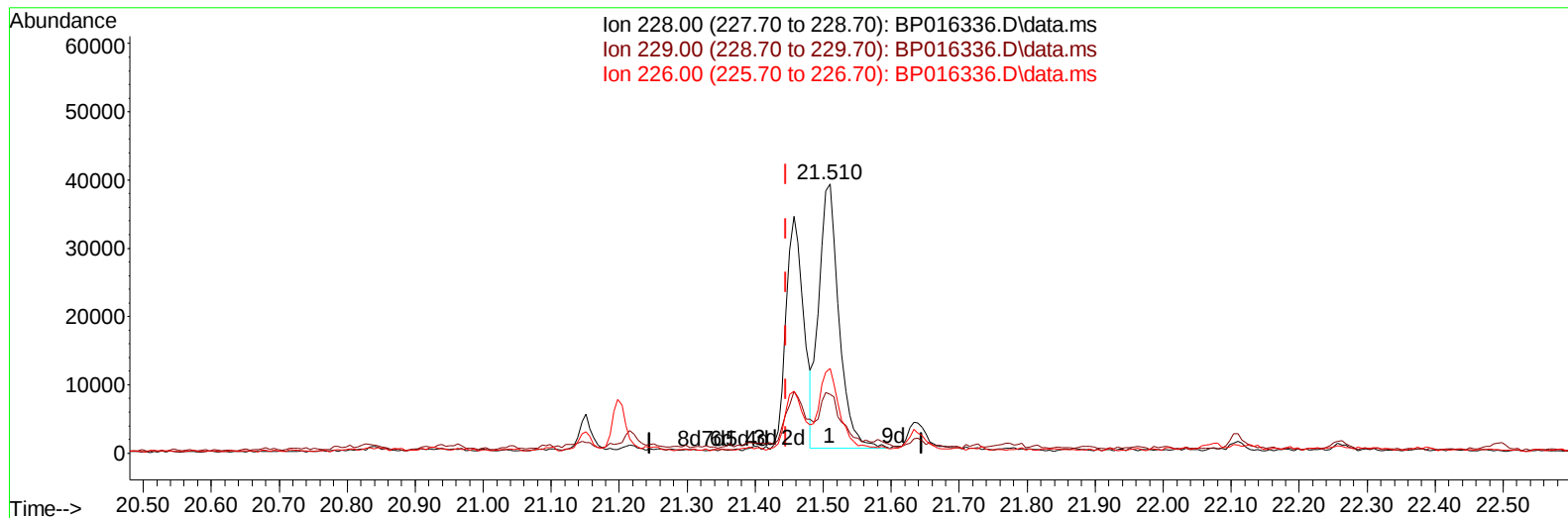
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:14:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(85) Benzo(a)anthracene

21.510min (+ 0.065) 1.21 ng/u1

response 79534

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	21.75
226.00	26.90	31.61
0.00	0.00	0.00

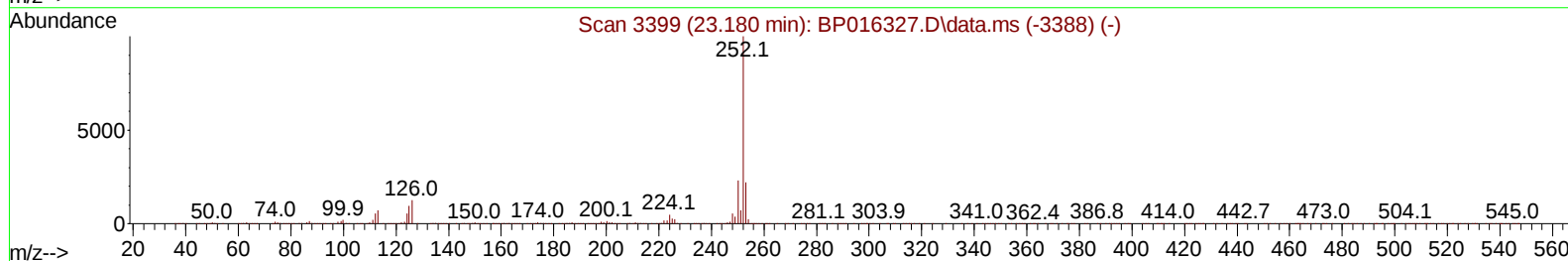
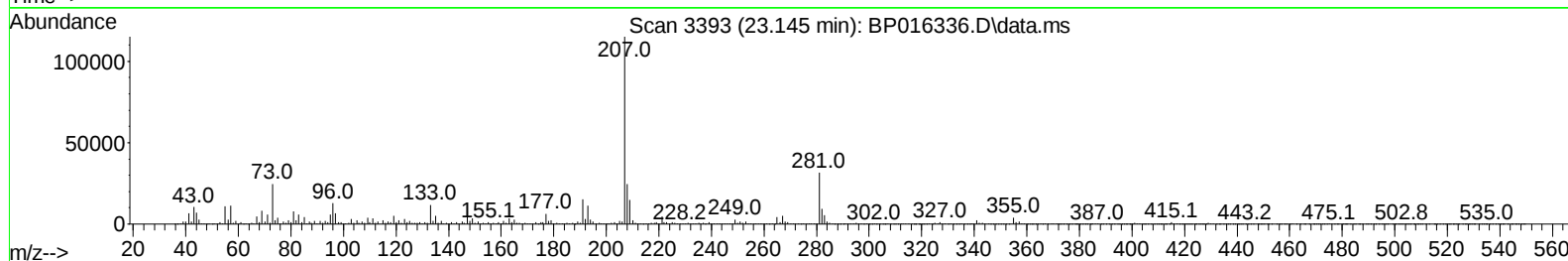
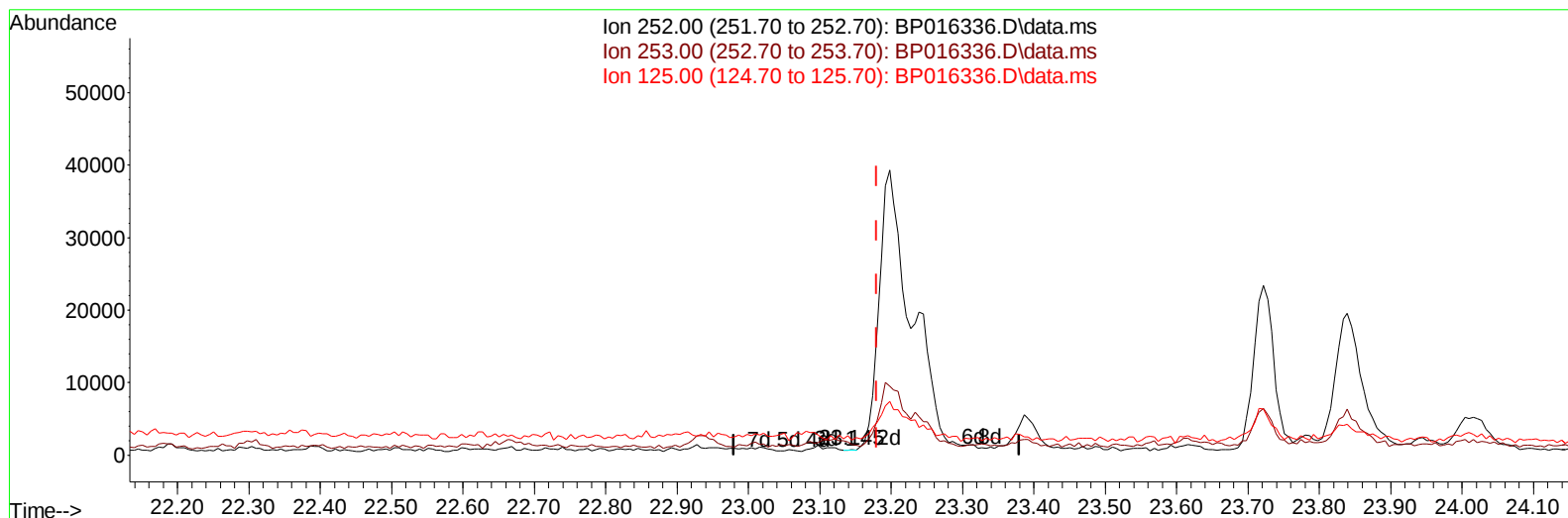
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:15:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(90) Benzo(b)fluoranthene

23.145min (-0.035) 0.00 ng/u1

response 97

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	191.10#
125.00	11.70	262.84#
0.00	0.00	0.00

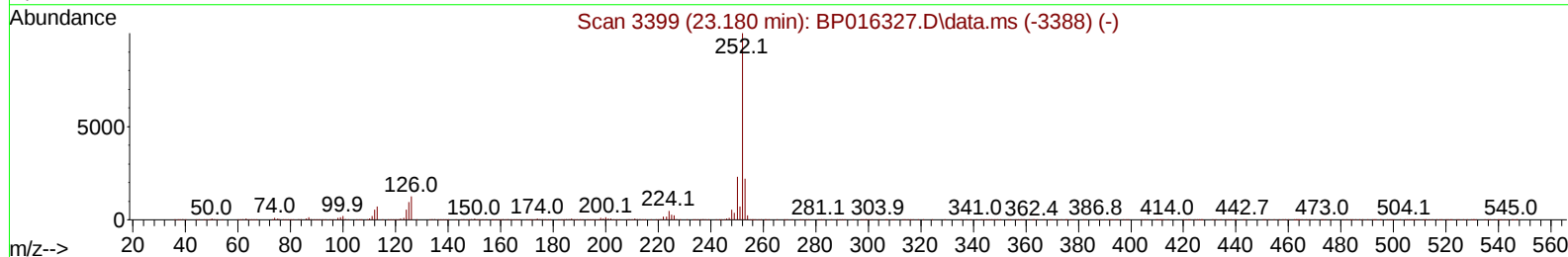
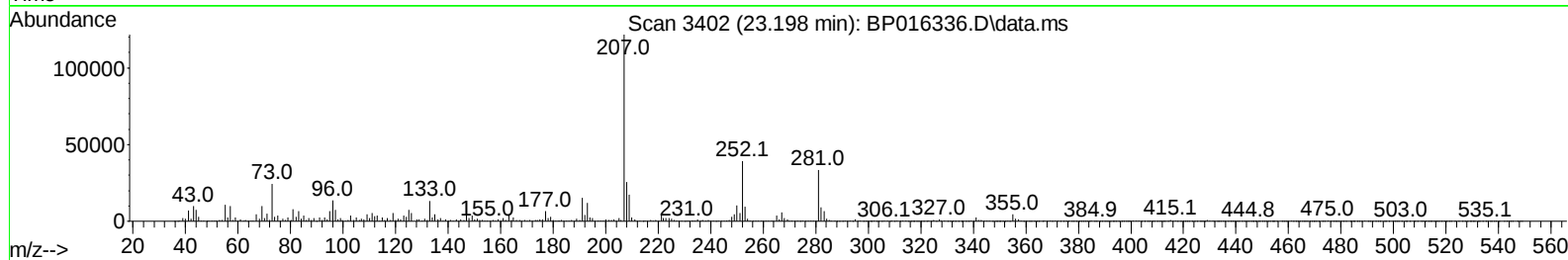
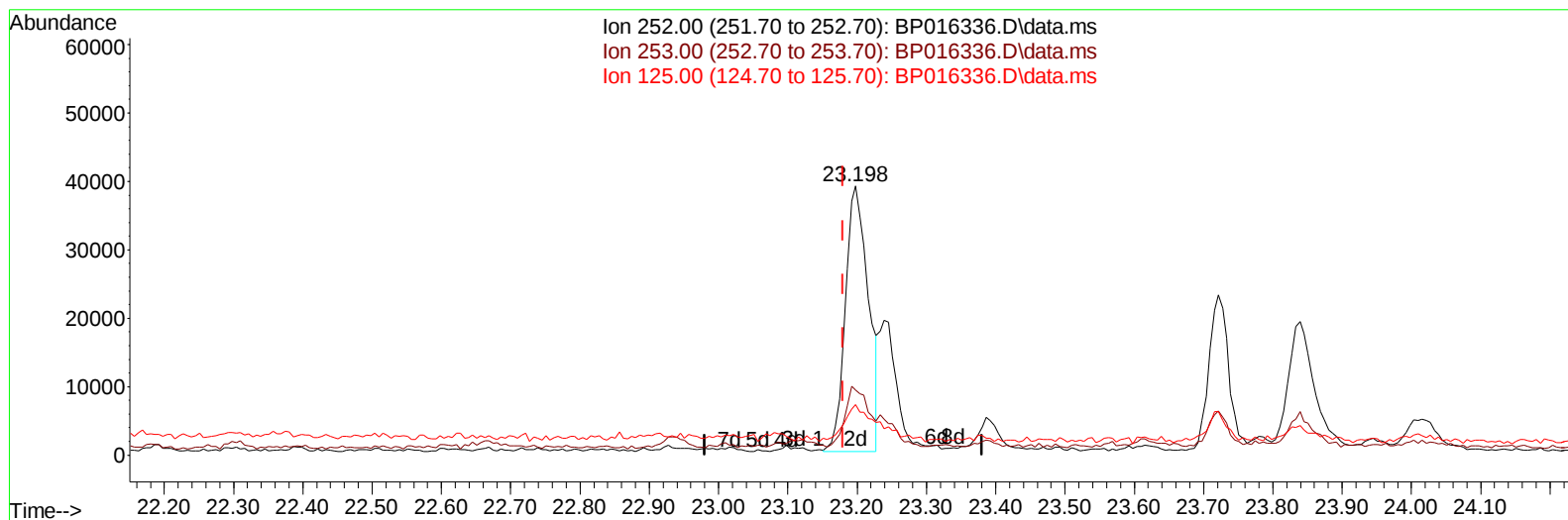
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:15:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016336.D\data.ms

(90) Benzo(b)fluoranthene

23.198min (+ 0.018) 1.63 ng/u1 m

response 89954

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	24.26
125.00	11.70	18.74#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016336.D
 Acq On : 19 Jul 2023 22:10
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:16:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	96837	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	591676	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.598	164	392969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	862566	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1006217	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	966767	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	12168	4.447	ng/uL	0.00
4) Pyridine-d5	3.734	84	138902	20.352	ng/ul	0.01
7) Phenol-d5	7.158	99	185048	21.156	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.287	67	117266	19.827	ng/ul	0.01
11) 2-Chlorophenol-d4	7.487	132	149202	23.630	ng/ul	0.01
15) 4-Methylphenol-d8	8.728	113	89952m	12.766	ng/ul	0.04
21) Nitrobenzene-d5	9.163	128	69043	16.914	ng/ul	0.03
24) 2-Nitrophenol-d4	9.899	143	89257	19.185	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.499	165	189607m	23.535	ng/ul	0.08
31) 4-Chloroaniline-d4	11.069	131	38665m	2.994	ng/ul	0.13
46) Dimethylphthalate-d6	14.022	166	773836	25.815	ng/ul	0.01
49) Acenaphthylene-d8	14.298	160	830459	25.279	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	84305m	13.781	ng/ul	0.05
60) Fluorene-d10	15.604	176	703872	28.057	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	72144m	14.488	ng/ul	0.03
73) Anthracene-d10	17.475	188	929657	24.640	ng/ul	0.00
81) Pyrene-d10	19.704	212	1374460	26.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	1102798	23.753	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.410	178	55958	1.245	ng/ul#	94
80) Fluoranthene	19.386	202	113464	1.858	ng/ul	99
82) Pyrene	19.733	202	125496	1.925	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.316	149	262033	6.239	ng/ul	100
87) Chrysene	21.510	228	79929	1.204	ng/ul	96
90) Benzo(b)fluoranthene	23.198	252	89954m	1.629	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016336.D
Acq On : 19 Jul 2023 22:10
Operator : MA/JU
Sample : 03472-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R3

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

