

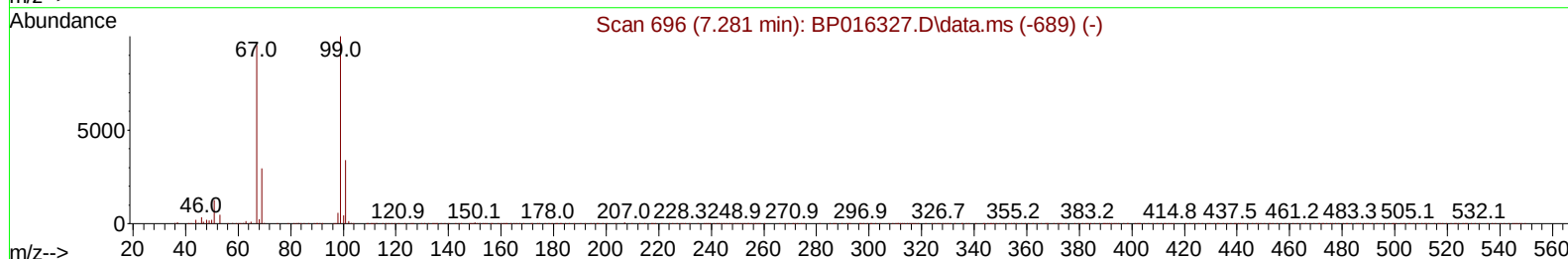
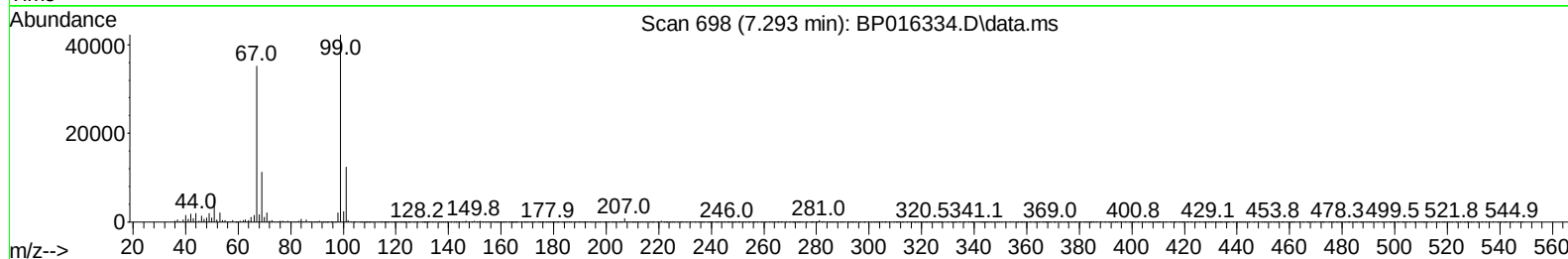
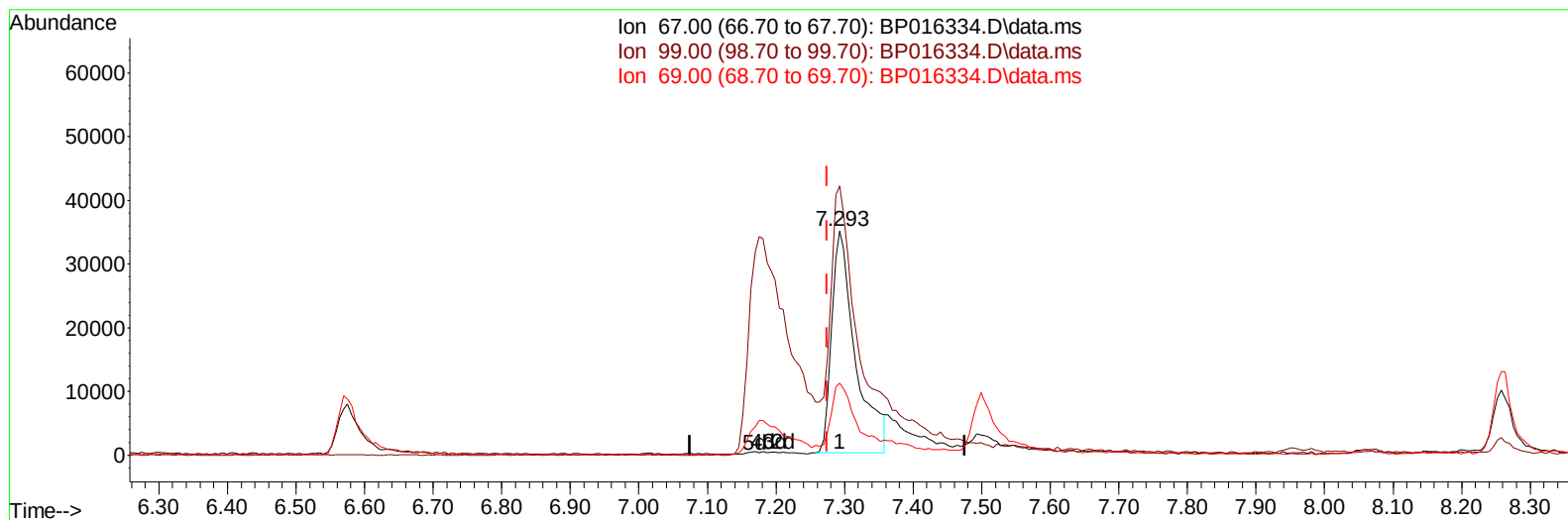
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 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: BP016334.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.293min (+ 0.018) 18.51 ng/u1

response 83798

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	119.81
69.00	33.10	32.07
0.00	0.00	0.00

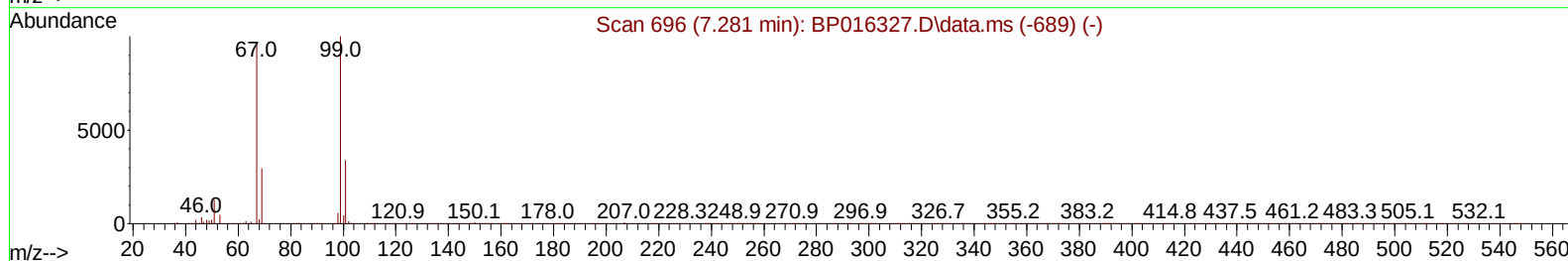
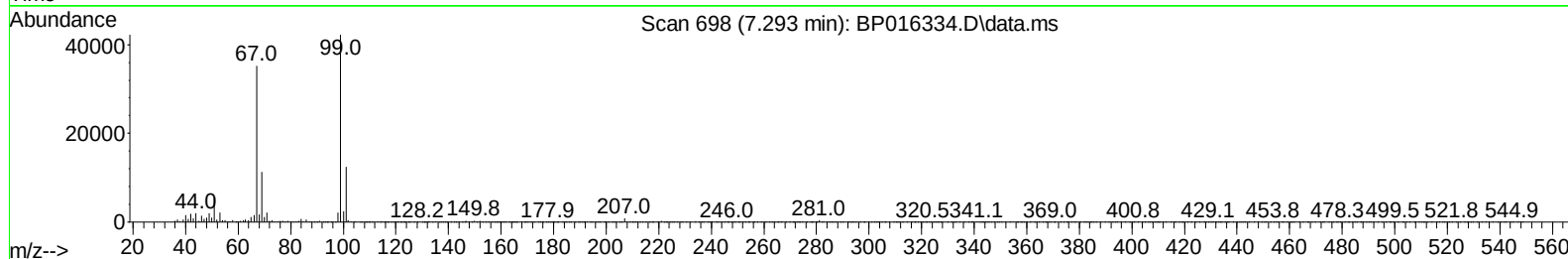
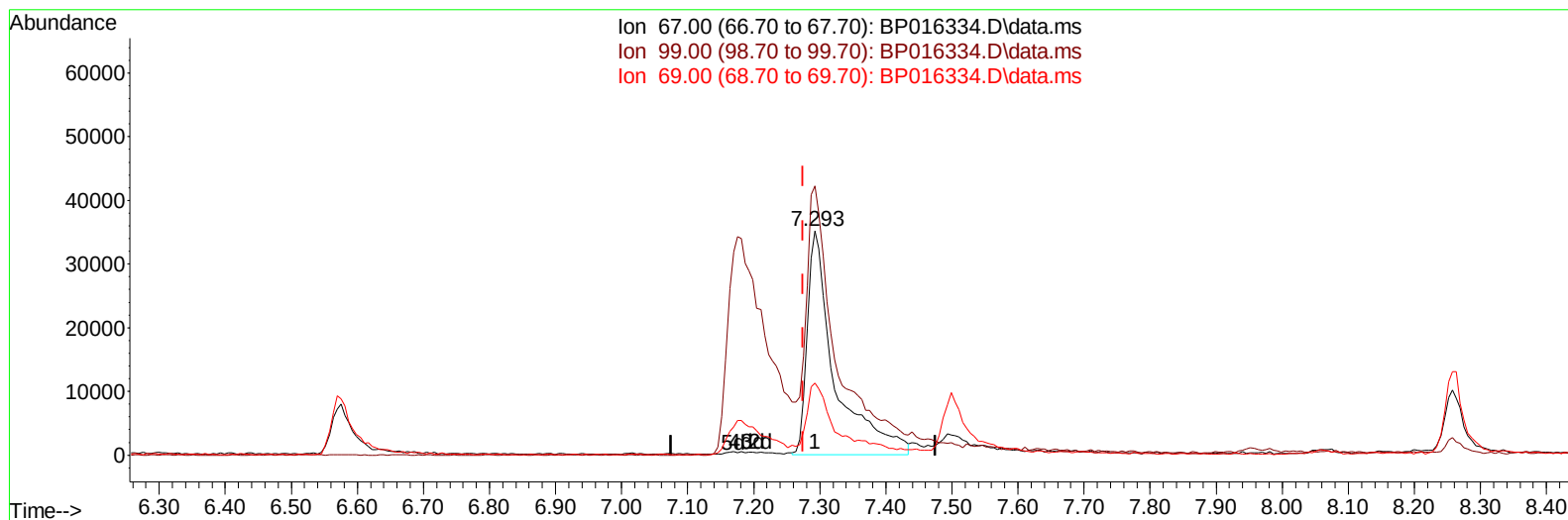
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016334.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.293min (+ 0.018) 22.45 ng/ul m

response 101607

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	119.81
69.00	33.10	32.07
0.00	0.00	0.00

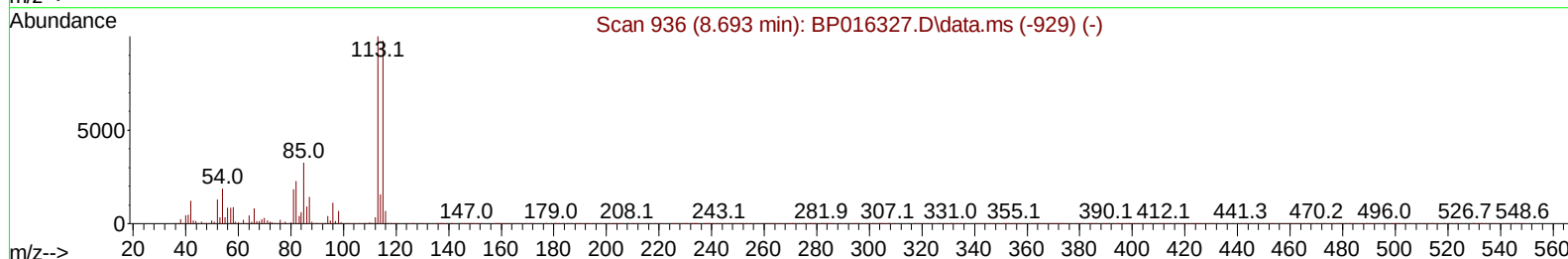
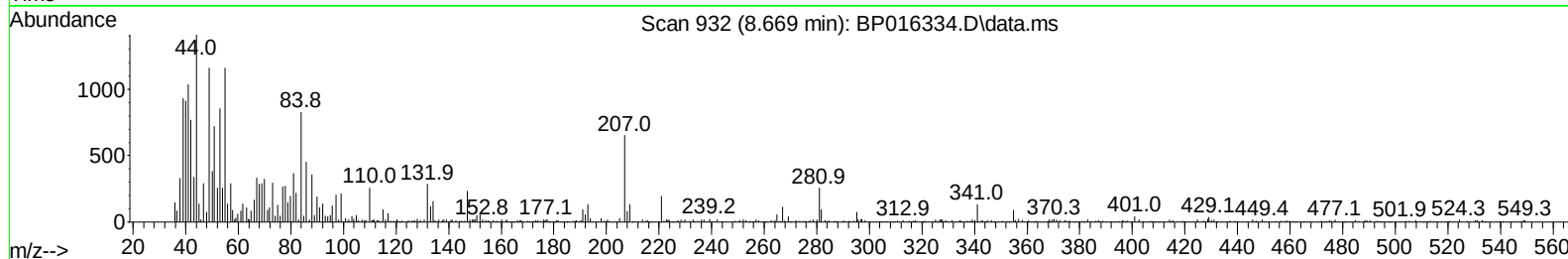
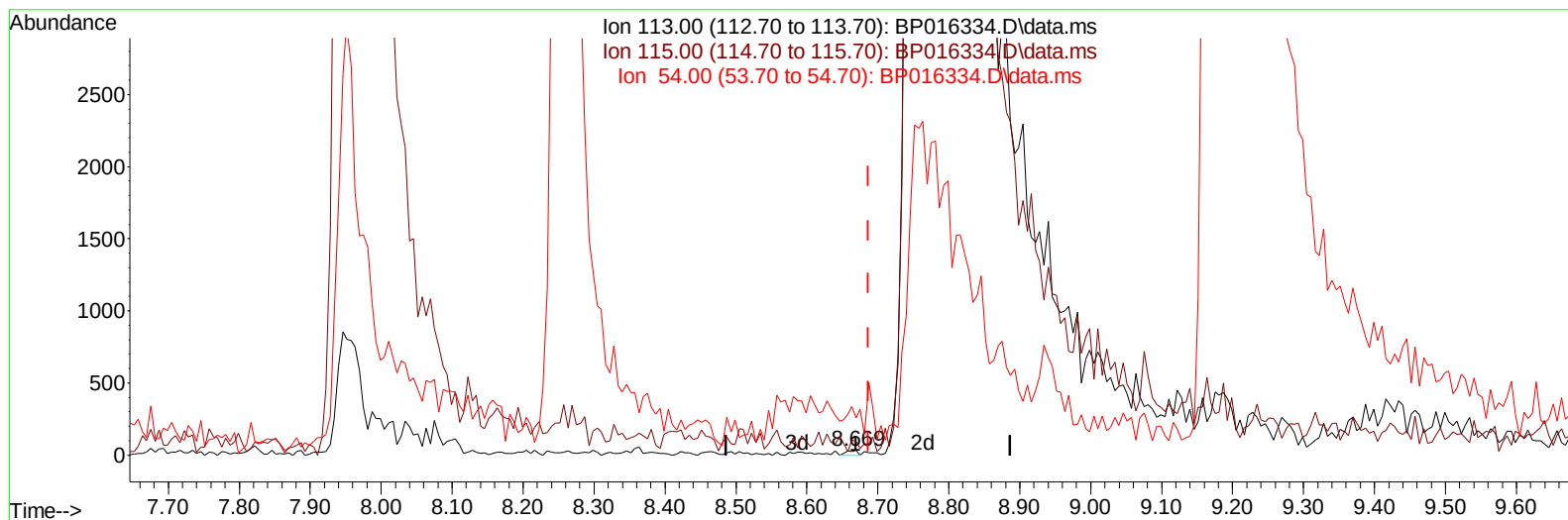
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016334.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.669min (-0.018) 0.01 ng/u1

response 33

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	303.23#
54.00	16.30	832.26#
0.00	0.00	0.00

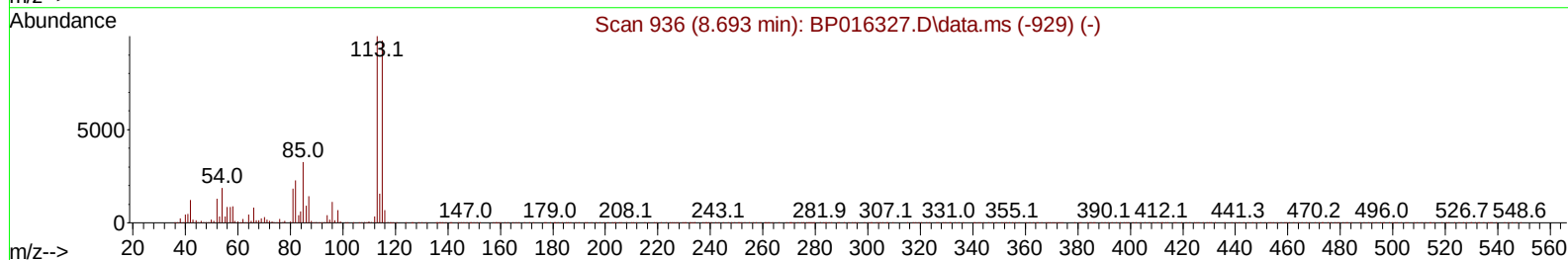
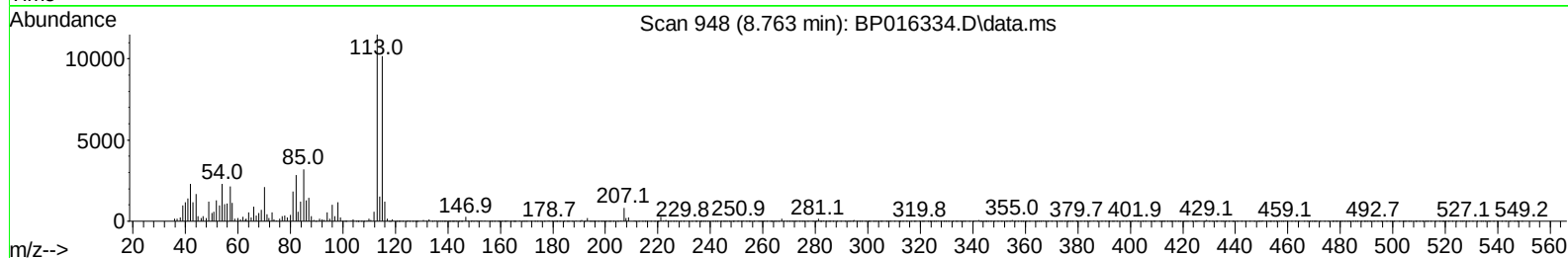
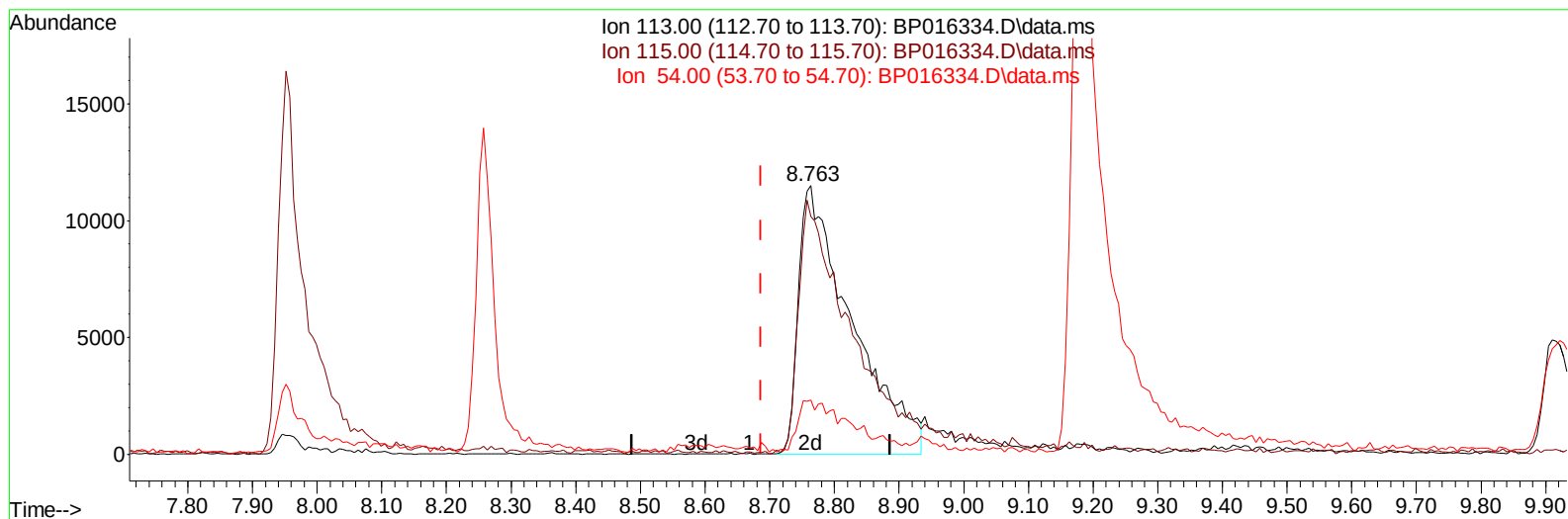
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016334.D
Acq On : 19 Jul 2023 21:02
Operator : MA/JU
Sample : 03472-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 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: BP016334.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.763min (+ 0.077) 12.20 ng/ul m

response 65772

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	88.55
54.00	16.30	20.13#
0.00	0.00	0.00

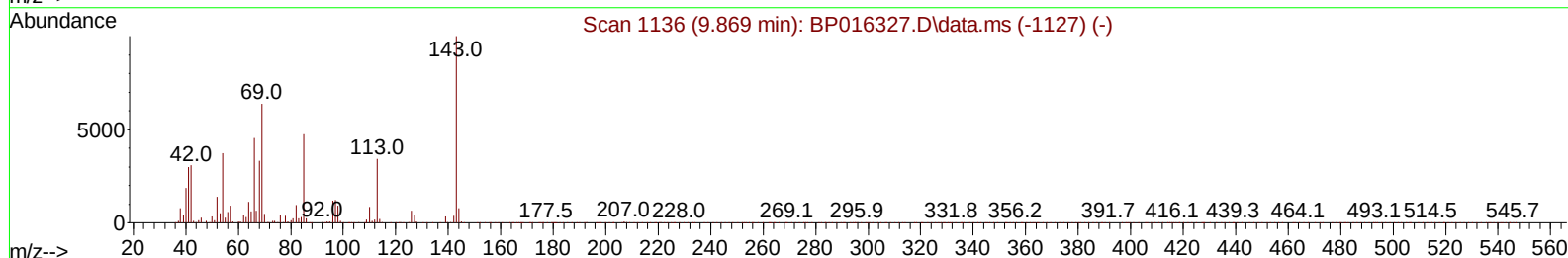
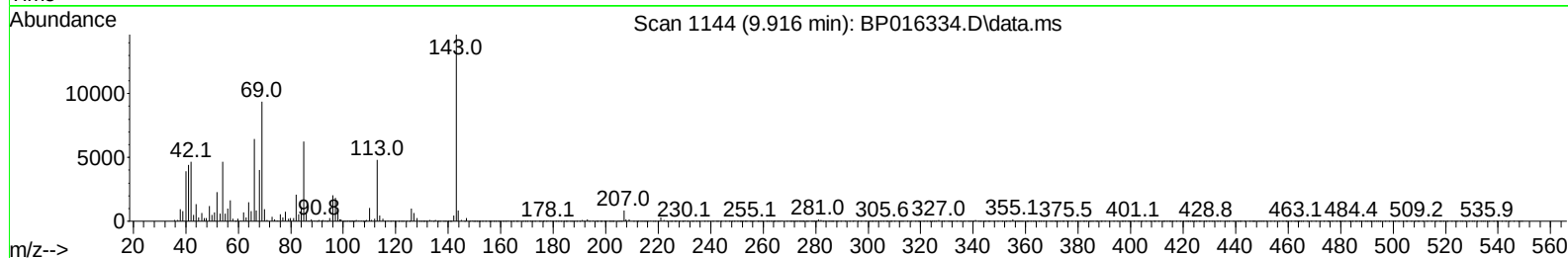
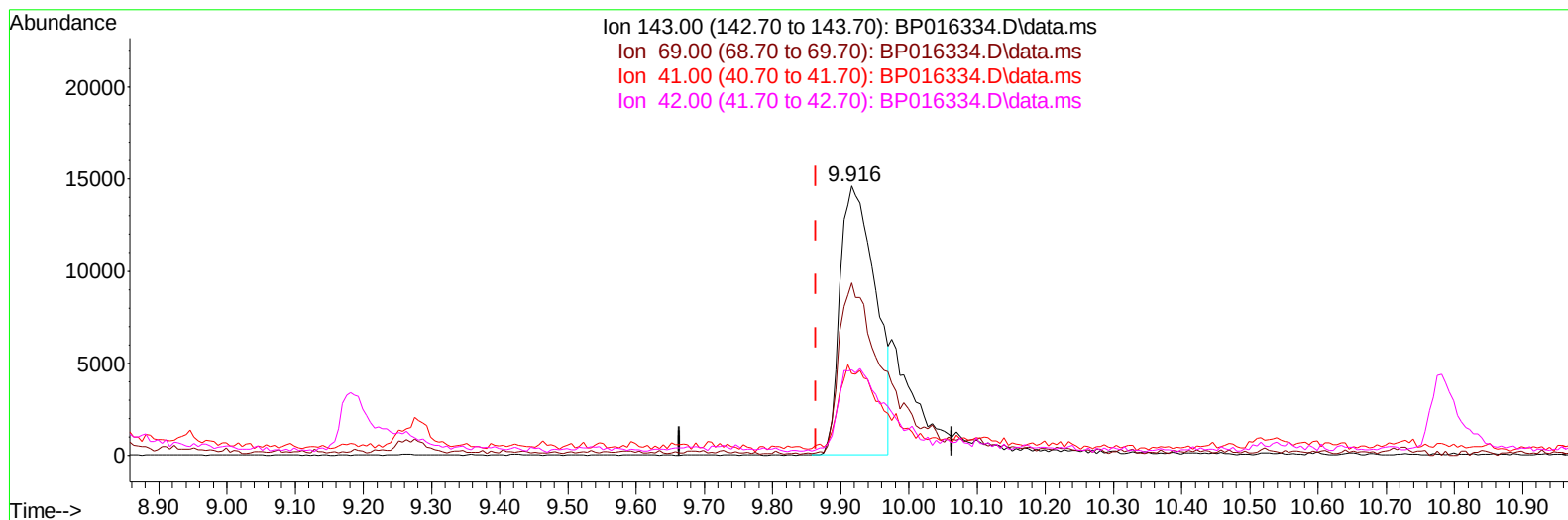
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

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TIC: BP016334.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.916min (+ 0.053) 18.59 ng/ul

response 52661

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	64.00
41.00	28.60	30.34
42.00	29.20	31.73

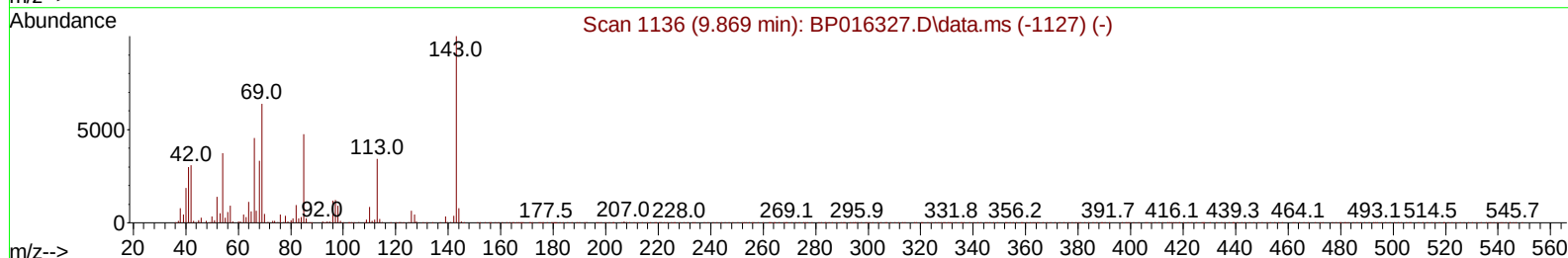
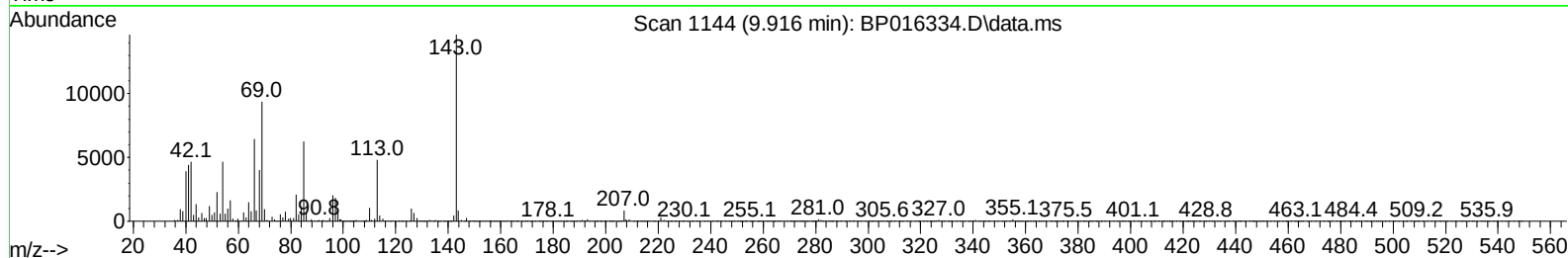
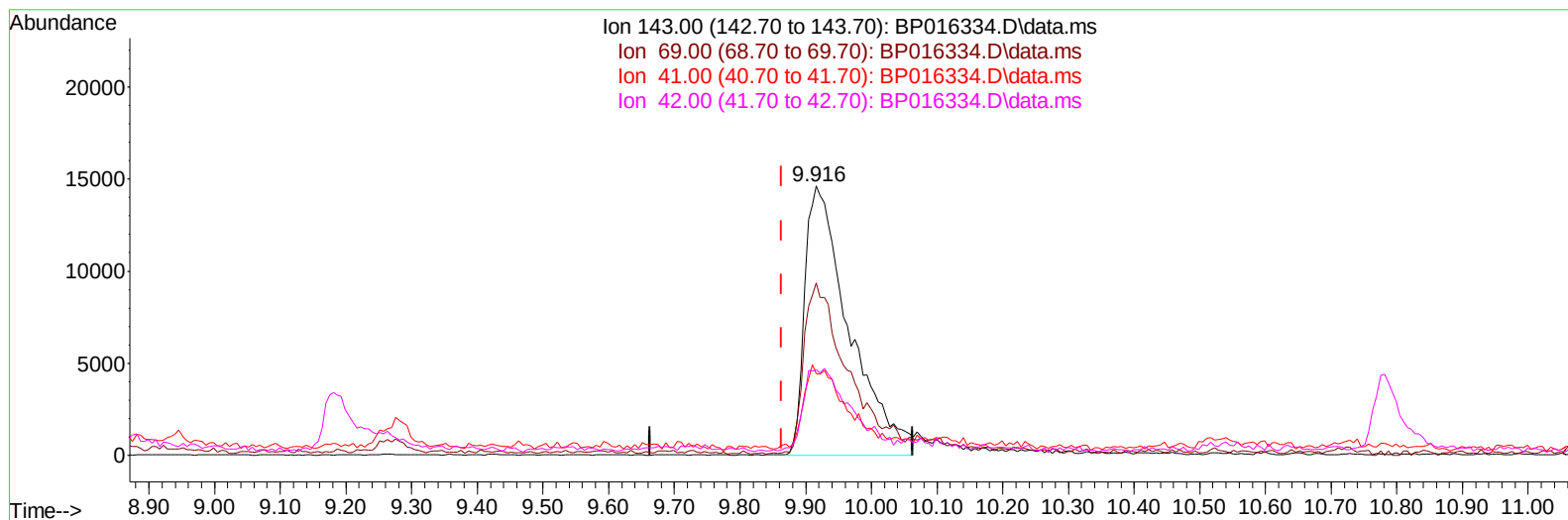
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 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 2023
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016334.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.916min (+ 0.053) 24.23 ng/ul m

response 68637

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	64.00
41.00	28.60	30.34
42.00	29.20	31.73

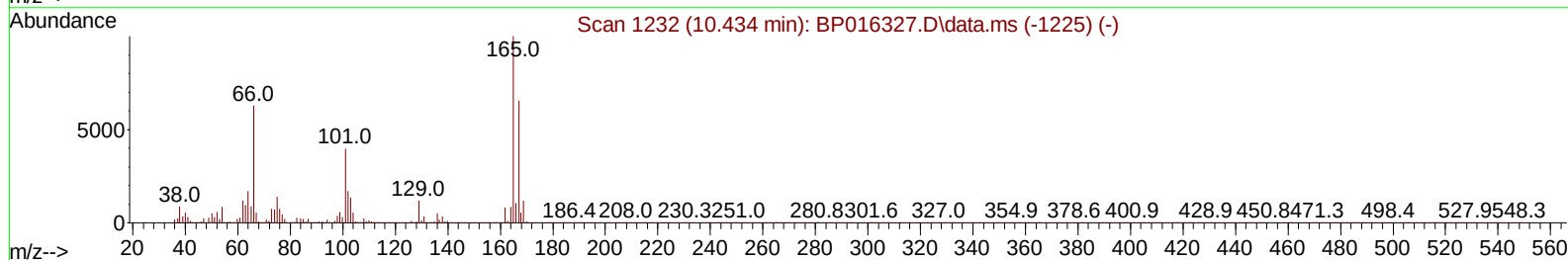
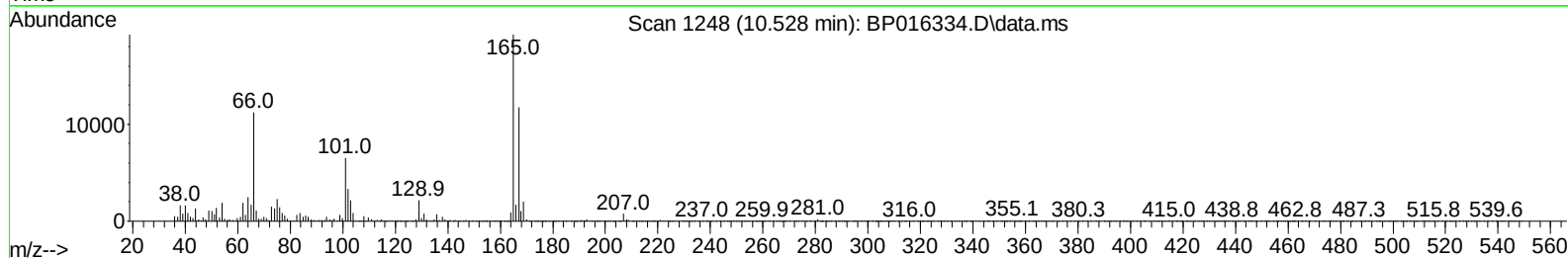
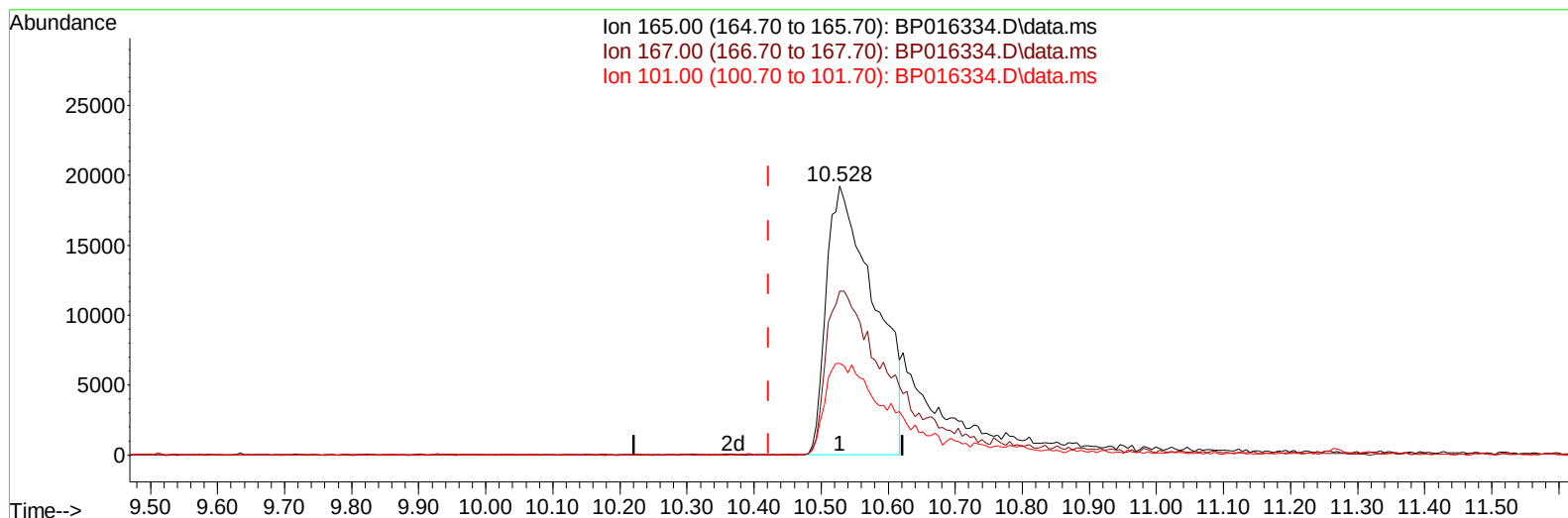
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

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TIC: BP016334.D\data.ms

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

10.528min (+ 0.106) 19.37 ng/ul

response 95024

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	61.05
101.00	38.50	34.00
0.00	0.00	0.00

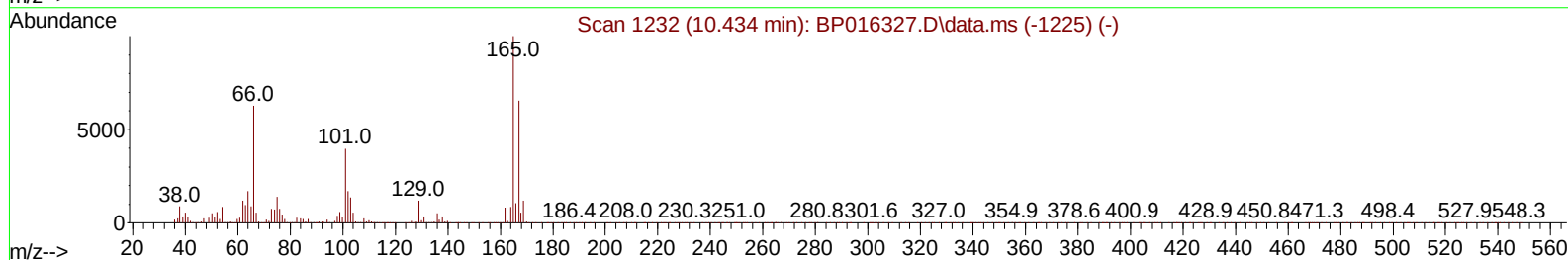
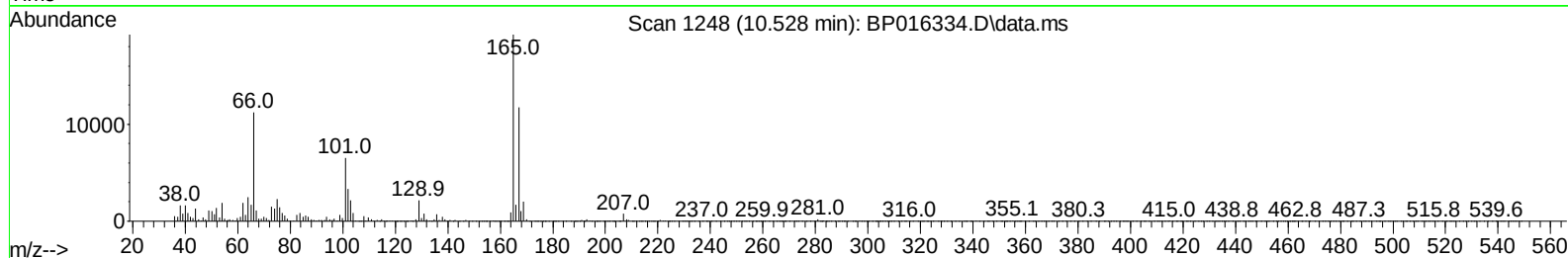
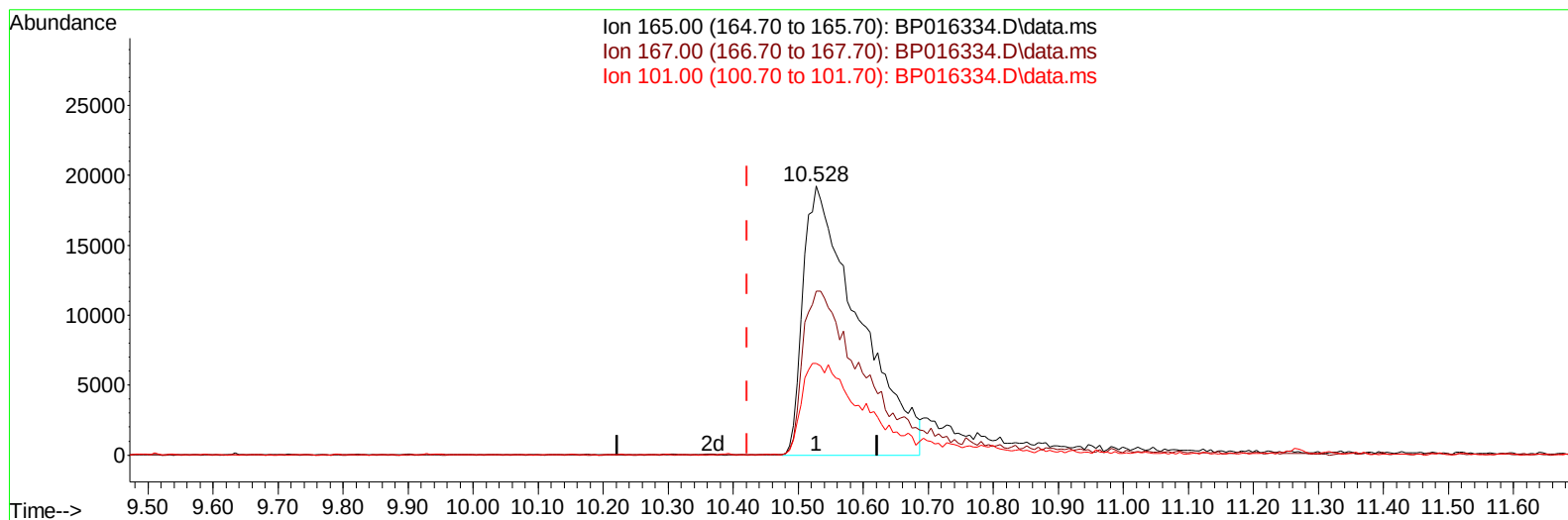
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 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: BP016334.D\data.ms

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

10.528min (+ 0.106) 23.08 ng/ul m

response 113189

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	61.05
101.00	38.50	34.00
0.00	0.00	0.00

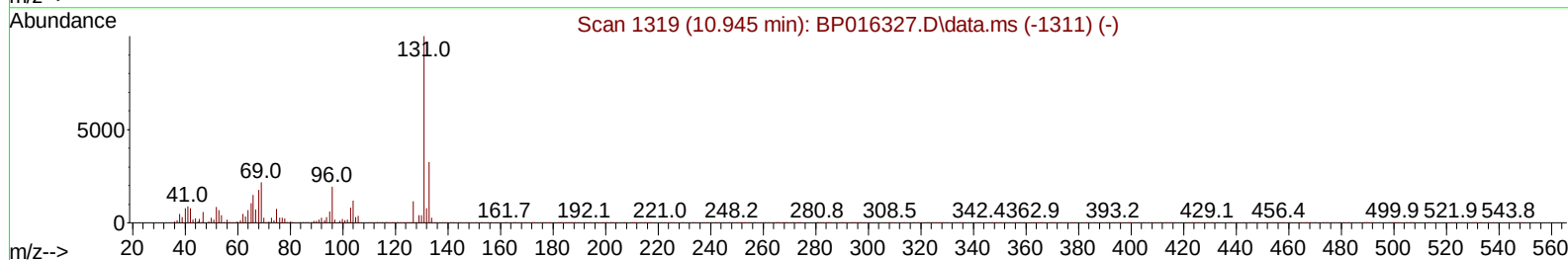
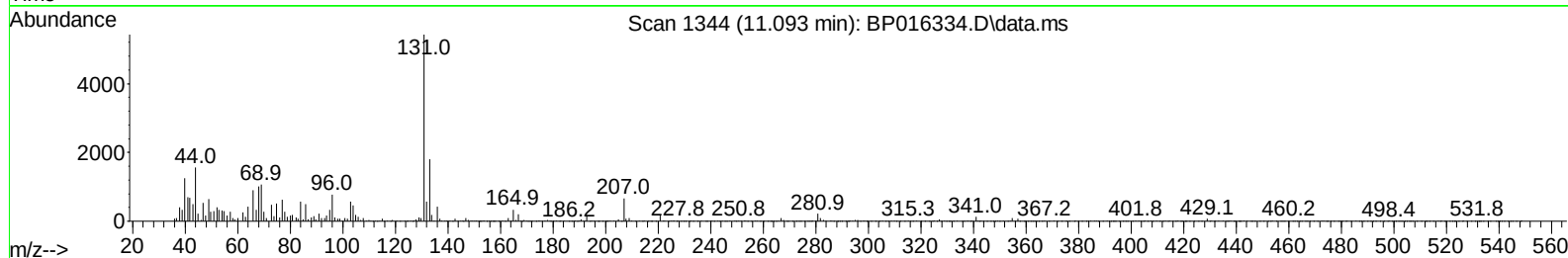
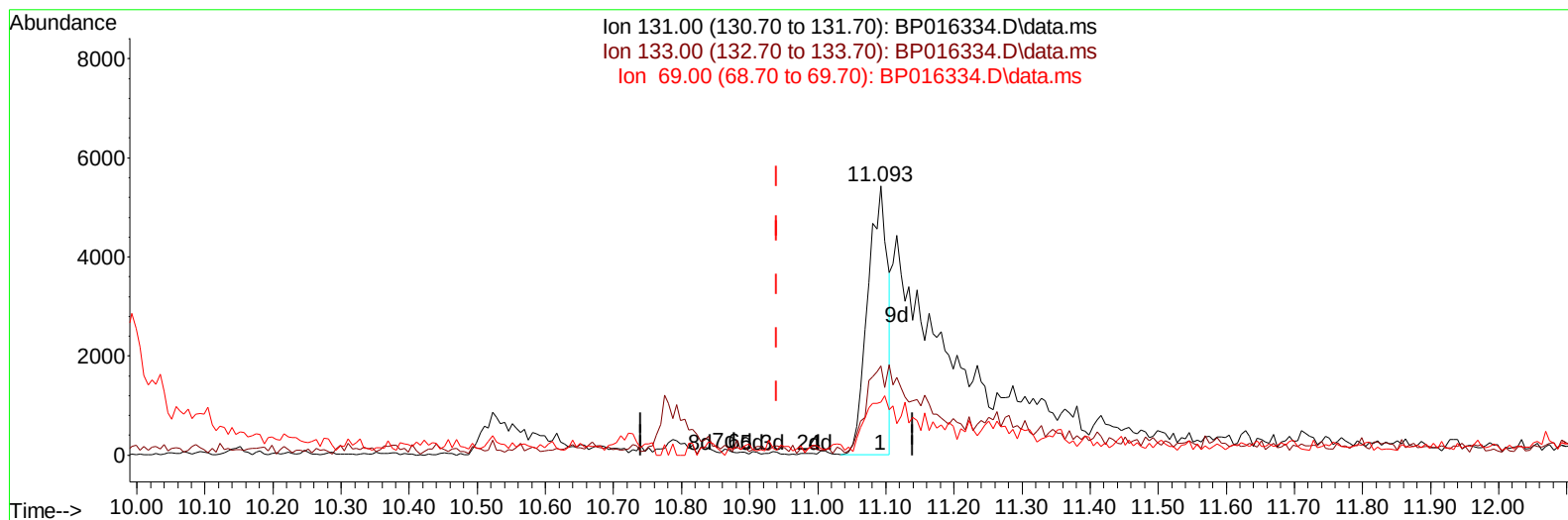
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
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 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

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TIC: BP016334.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.153) 1.38 ng/ul

response 10878

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	33.17
69.00	21.00	19.62
0.00	0.00	0.00

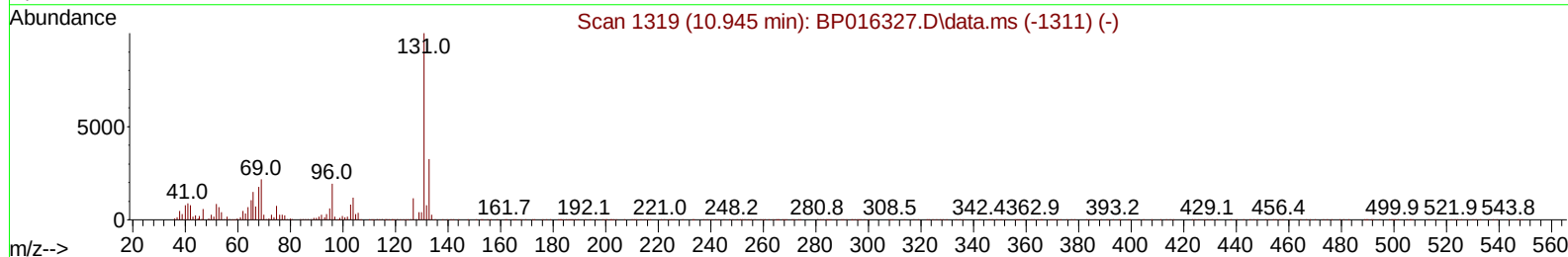
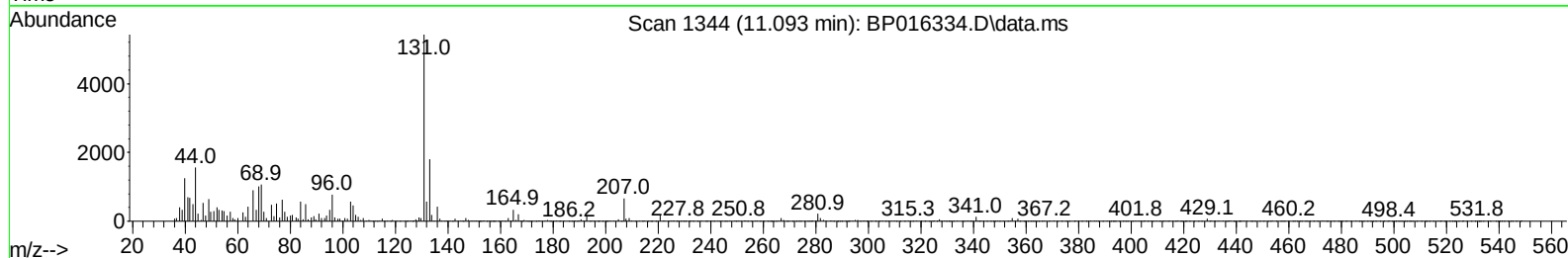
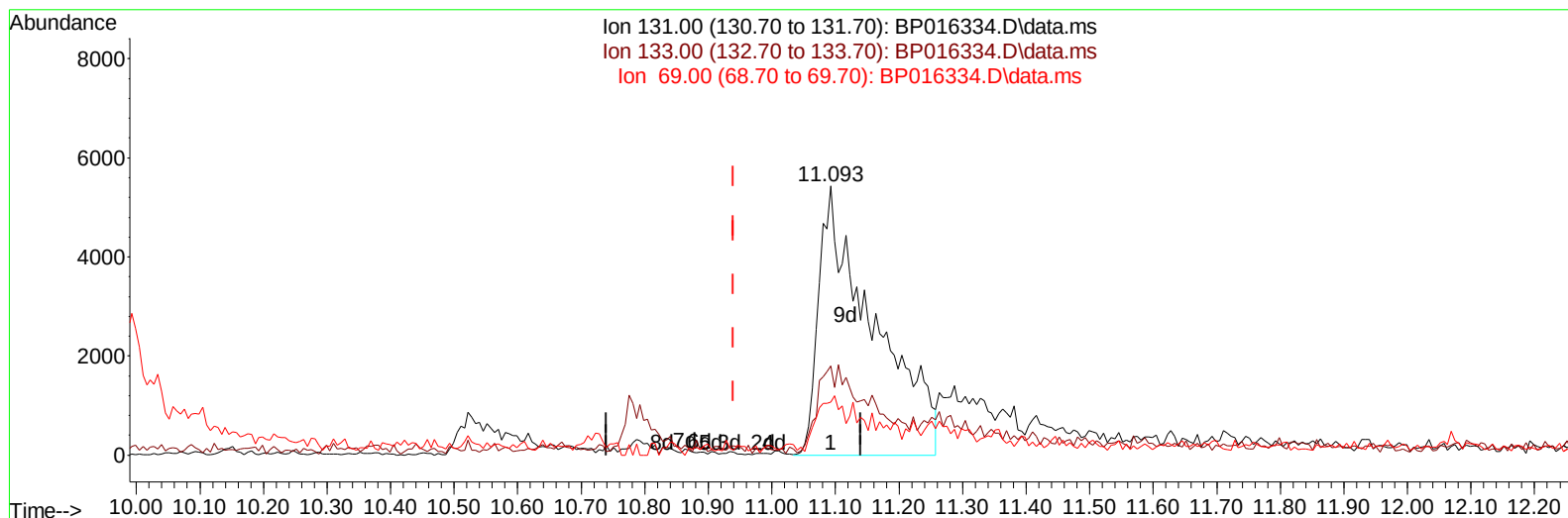
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 2023
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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016334.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.153) 4.10 ng/ul m

response 32264

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	33.17
69.00	21.00	19.62
0.00	0.00	0.00

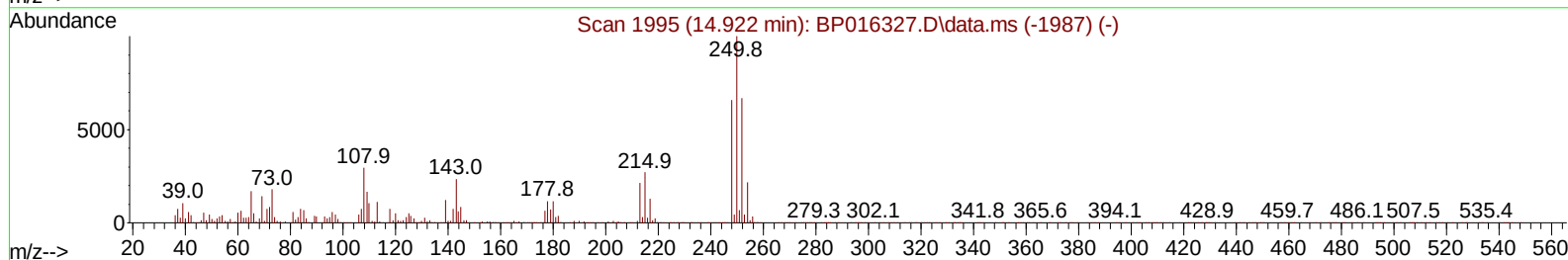
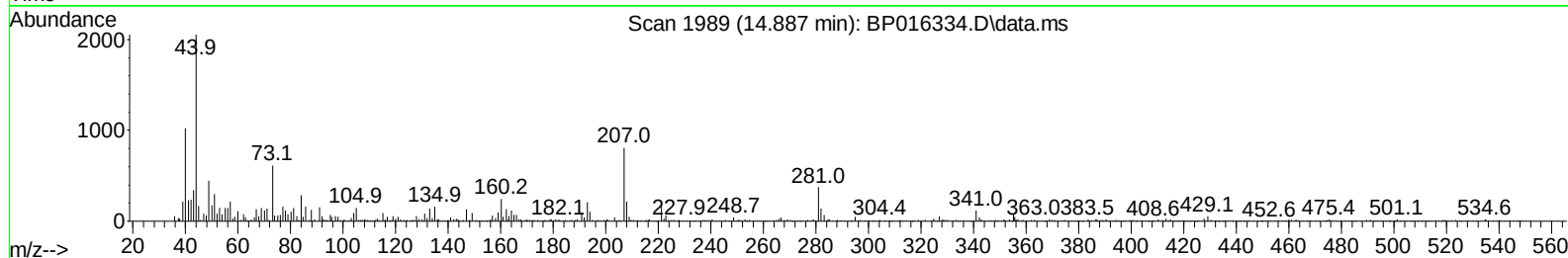
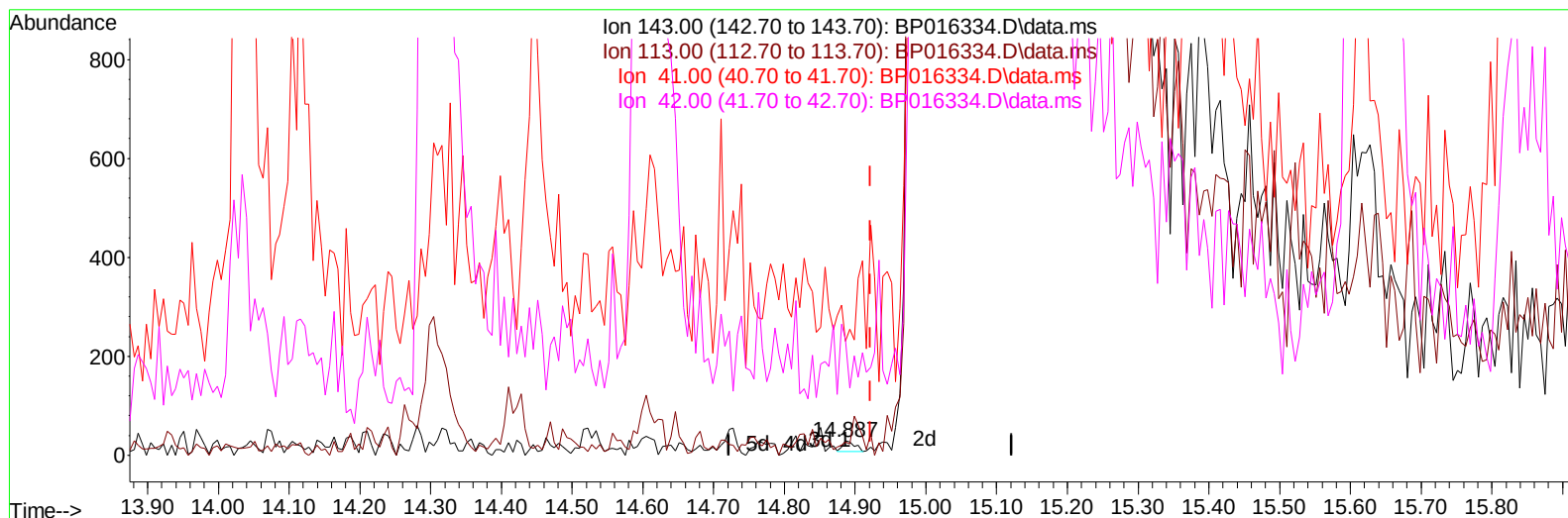
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 Data File : BP016334.D
 Acq On : 19 Jul 2023 21:02
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016334.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.887min (-0.035) 0.01 ng/uL

response 25

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	148.28#
41.00	49.30	793.10#
42.00	32.70	806.90#

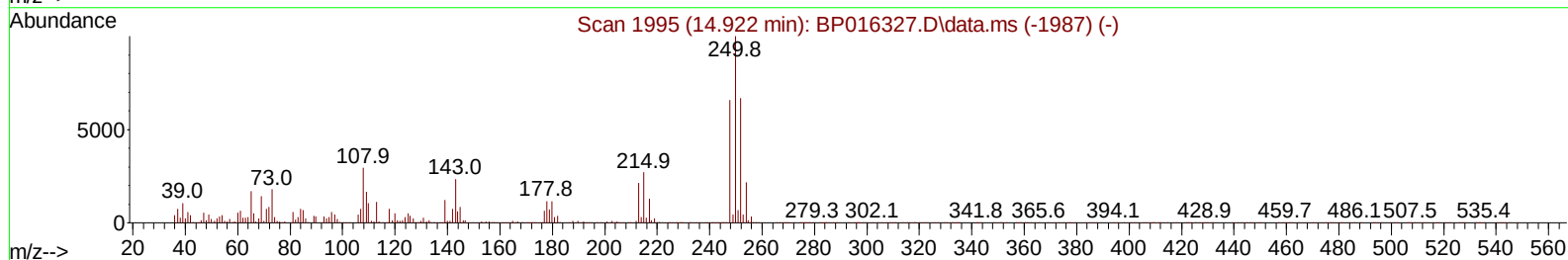
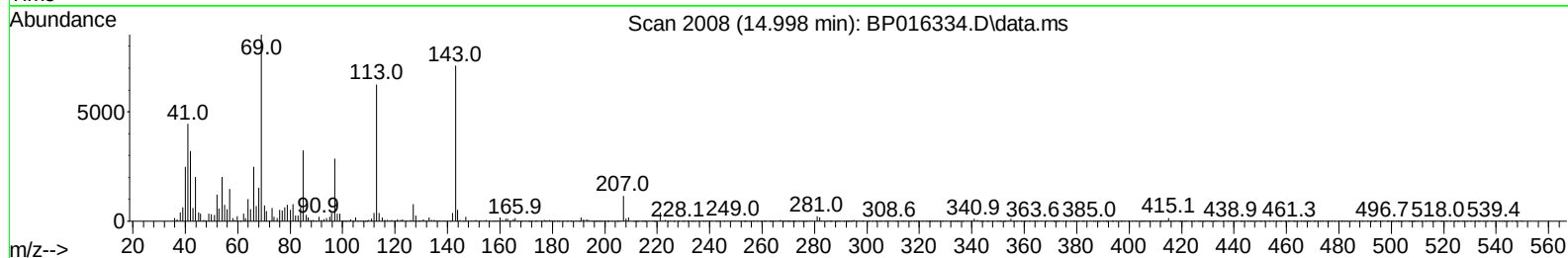
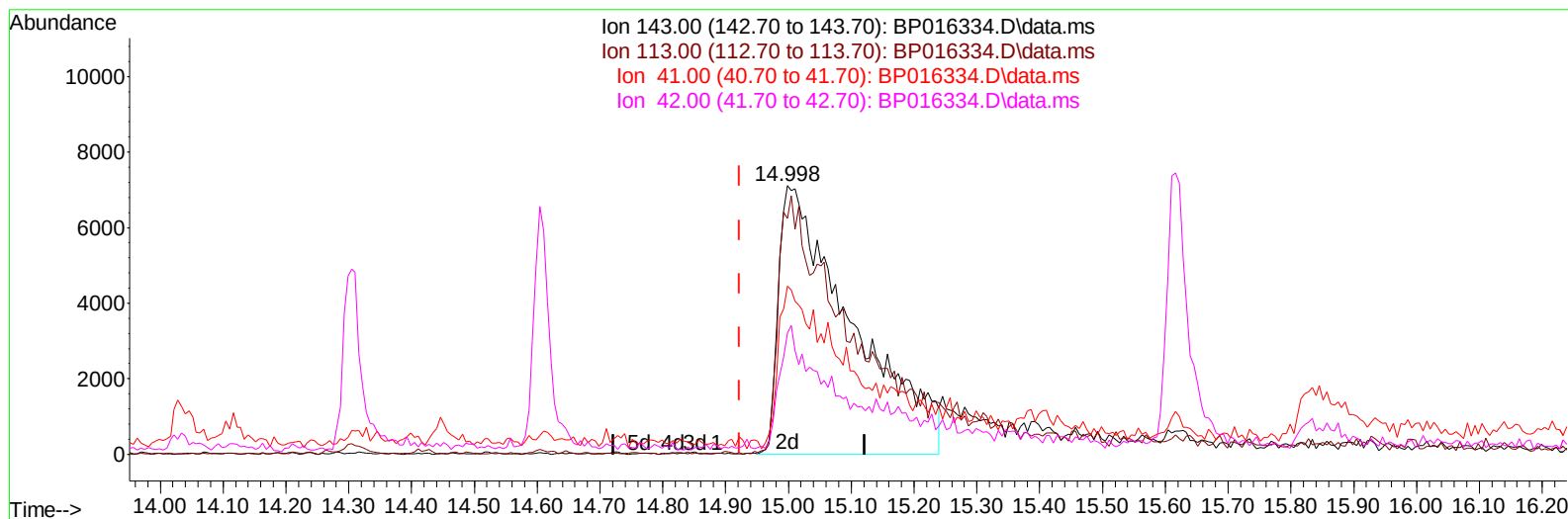
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016334.D
Acq On : 19 Jul 2023 21:02
Operator : MA/JU
Sample : 03472-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46R1

Manual IntegrationsAPPROVED

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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: BP016334.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.998min (+ 0.077) 14.76 ng/ul m

response 57804

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	87.89
41.00	49.30	62.50#
42.00	32.70	45.25#

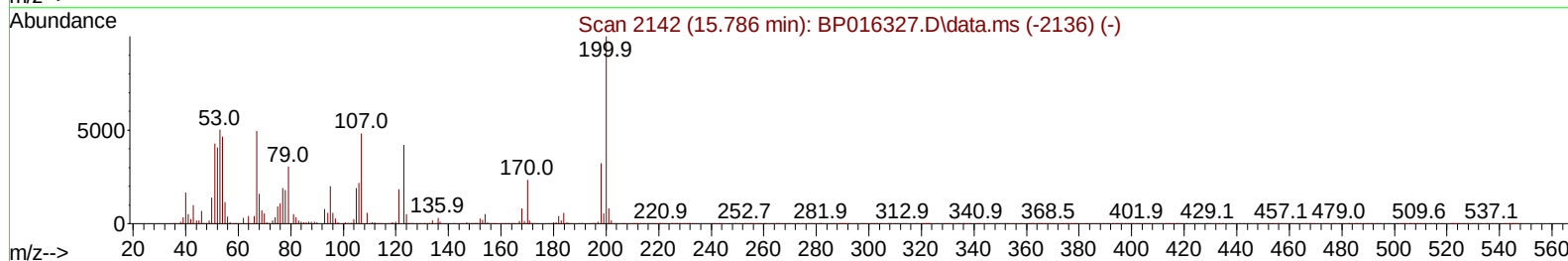
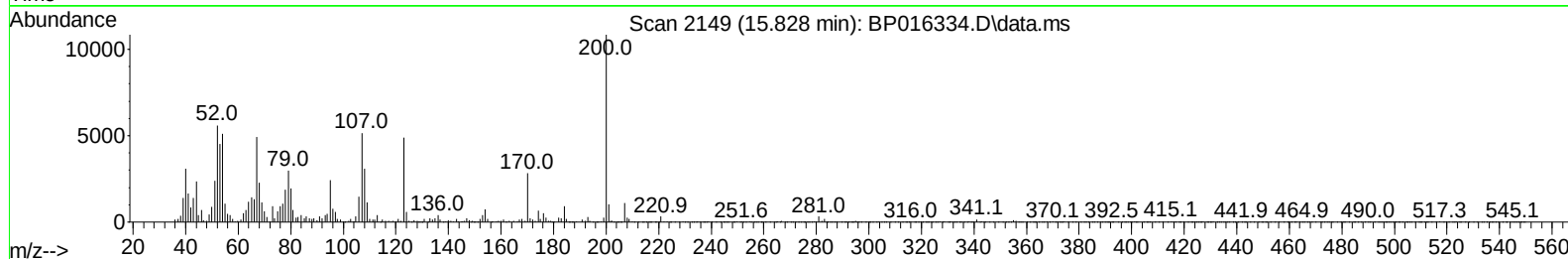
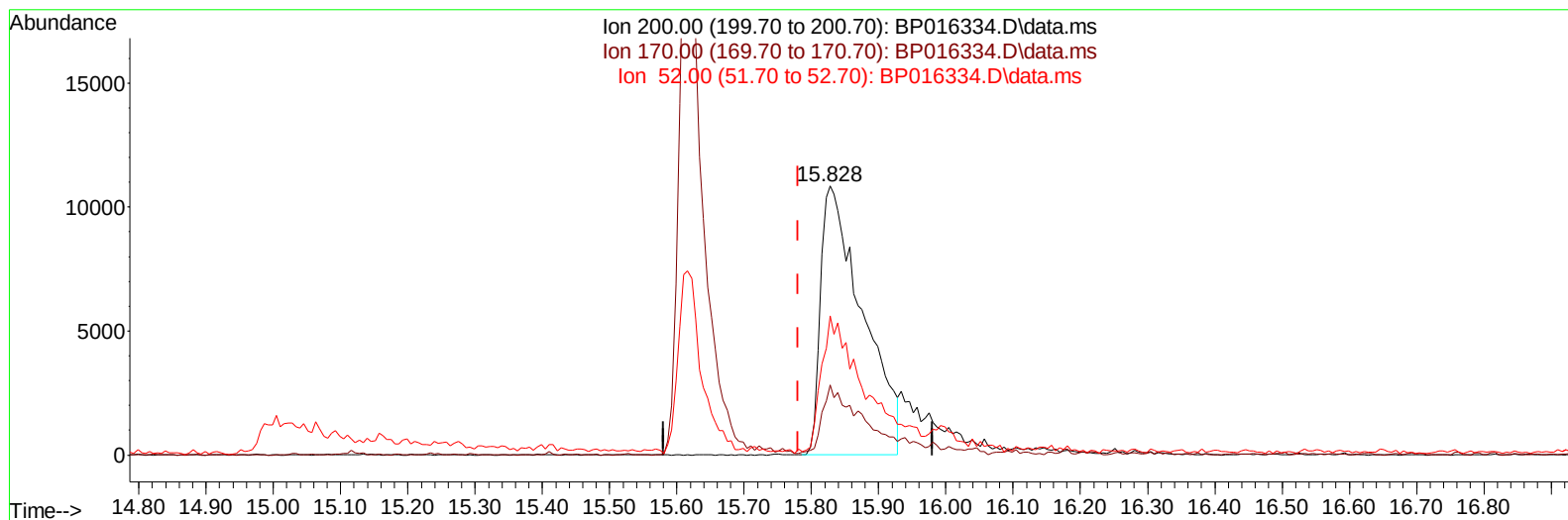
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016334.D
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 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R1

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



TIC: BP016334.D\data.ms

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

15.828min (+ 0.047) 13.30 ng/ul

response 46877

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	26.00
52.00	58.00	51.66
0.00	0.00	0.00

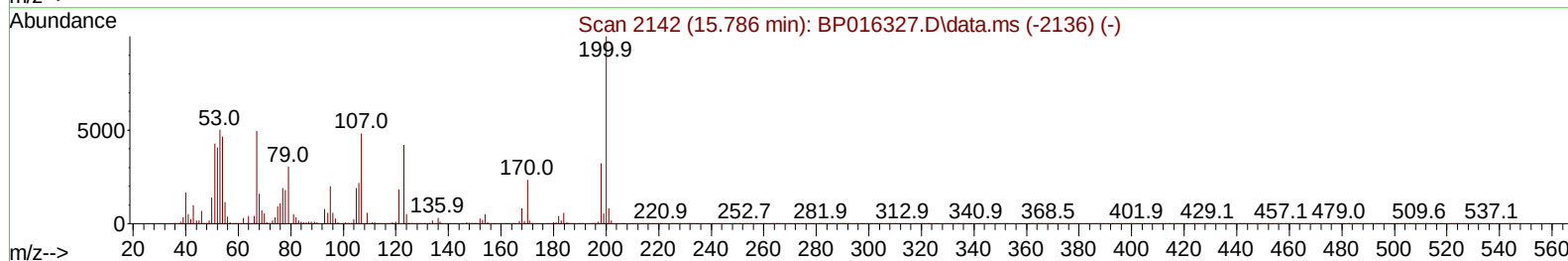
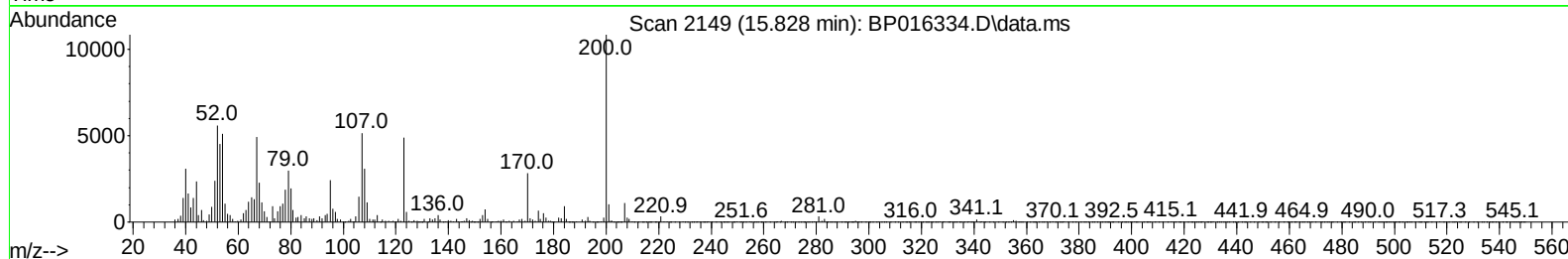
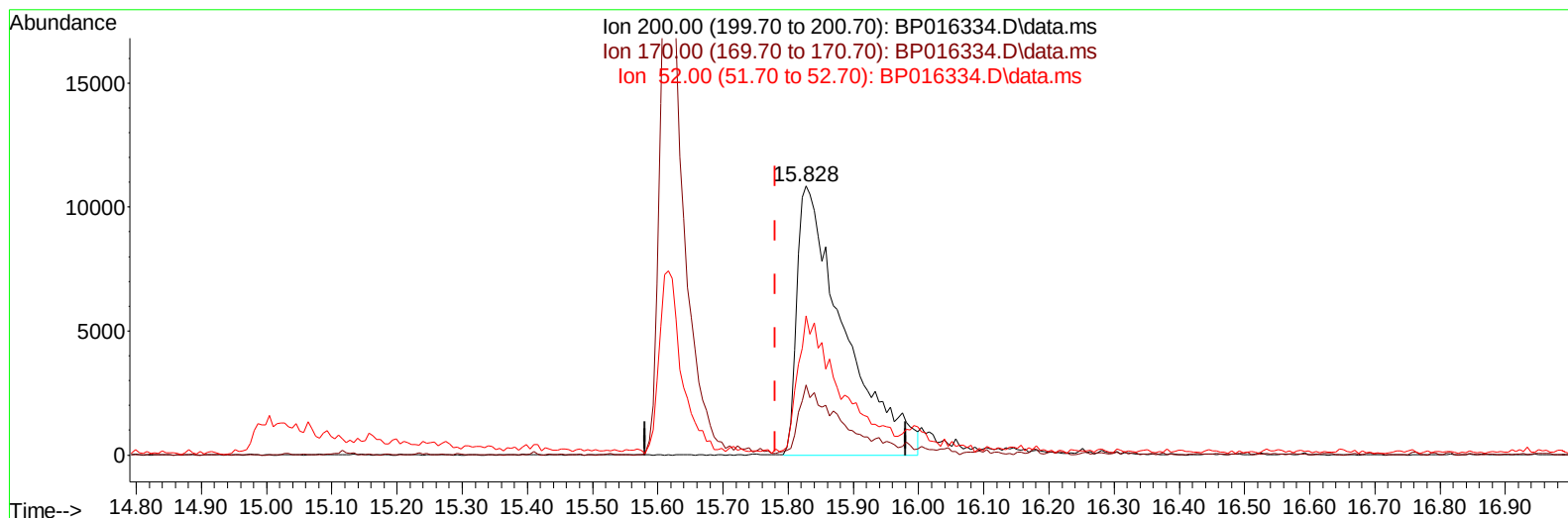
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016334.D
Acq On : 19 Jul 2023 21:02
Operator : MA/JU
Sample : 03472-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46R1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:54 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: BP016334.D\data.ms

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

15.828min (+ 0.047) 15.30 ng/ul m

response 53911

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	26.00
52.00	58.00	51.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 23:25:44 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.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152		74108	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136		360227	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164		251483	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188		610510	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240		712689	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264		809094	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.275	96		8183	3.907	ng/uL	0.00
4) Pyridine-d5	3.752	84		50317	9.634	ng/ul	0.03
7) Phenol-d5	7.175	99		135797	20.287	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.293	67		101607m	22.448	ng/ul	0.02
11) 2-Chlorophenol-d4	7.499	132		109356	22.631	ng/ul	0.02
15) 4-Methylphenol-d8	8.763	113		65772m	12.197	ng/ul	0.08
21) Nitrobenzene-d5	9.181	128		52077	20.955	ng/ul	0.05
24) 2-Nitrophenol-d4	9.916	143		68637m	24.232	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.528	165		113189m	23.076	ng/ul	0.11
31) 4-Chloroaniline-d4	11.093	131		32264m	4.104	ng/ul	0.15
46) Dimethylphthalate-d6	14.034	166		510184	26.595	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160		534367	25.418	ng/ul	0.01
54) 4-Nitrophenol-d4	14.998	143		57804m	14.765	ng/ul	0.08
60) Fluorene-d10	15.616	176		460358	28.674	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.828	200		53911m	15.297	ng/ul	0.05
73) Anthracene-d10	17.481	188		543518	20.353	ng/ul	0.01
81) Pyrene-d10	19.704	212		1011585	27.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264		756212	19.462	ng/ul	0.00

Target Compounds Qvalue

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

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