

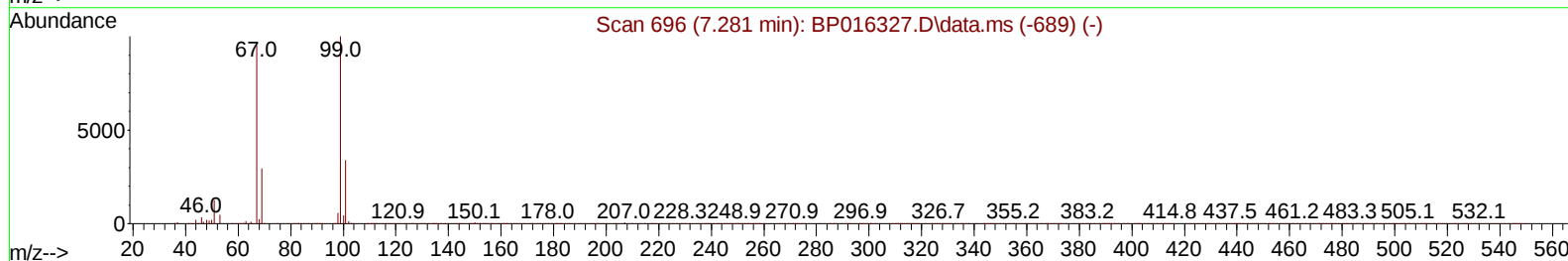
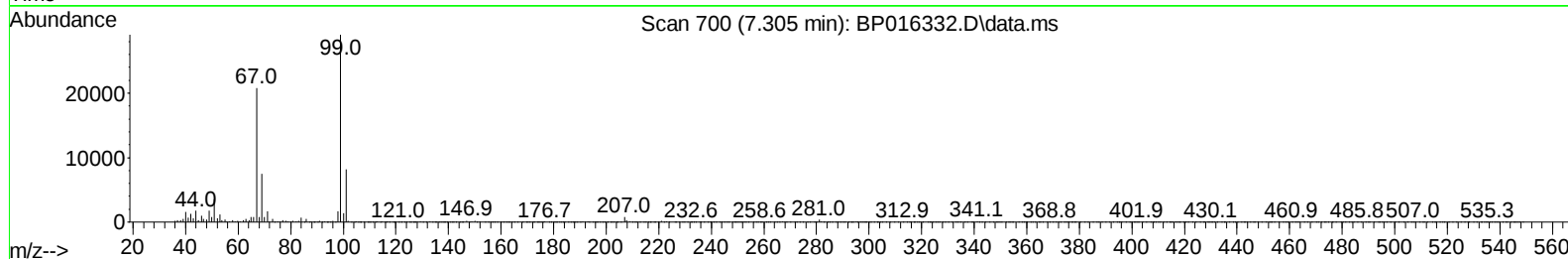
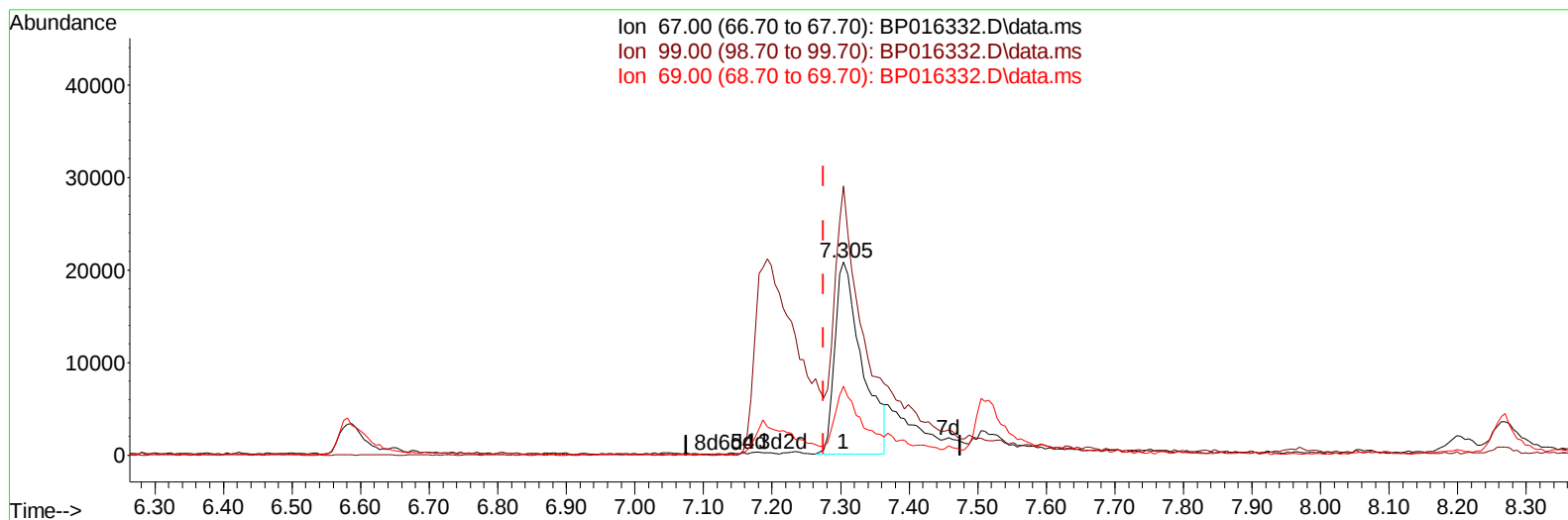
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 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: BP016332.D\data.ms

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

7.305min (+ 0.029) 13.14 ng/u1

response 56664

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	139.46
69.00	33.10	35.74
0.00	0.00	0.00

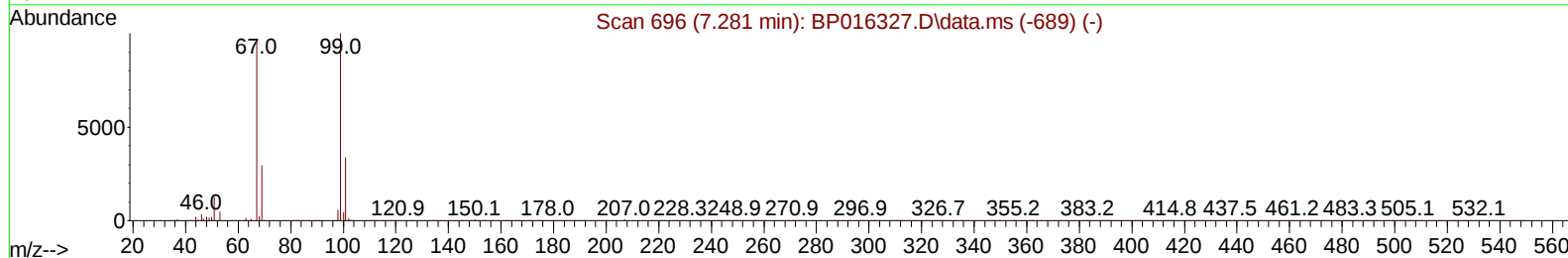
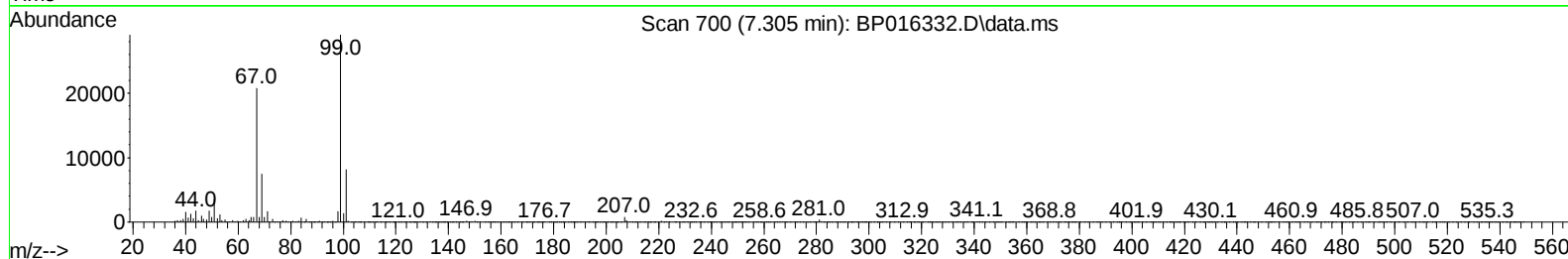
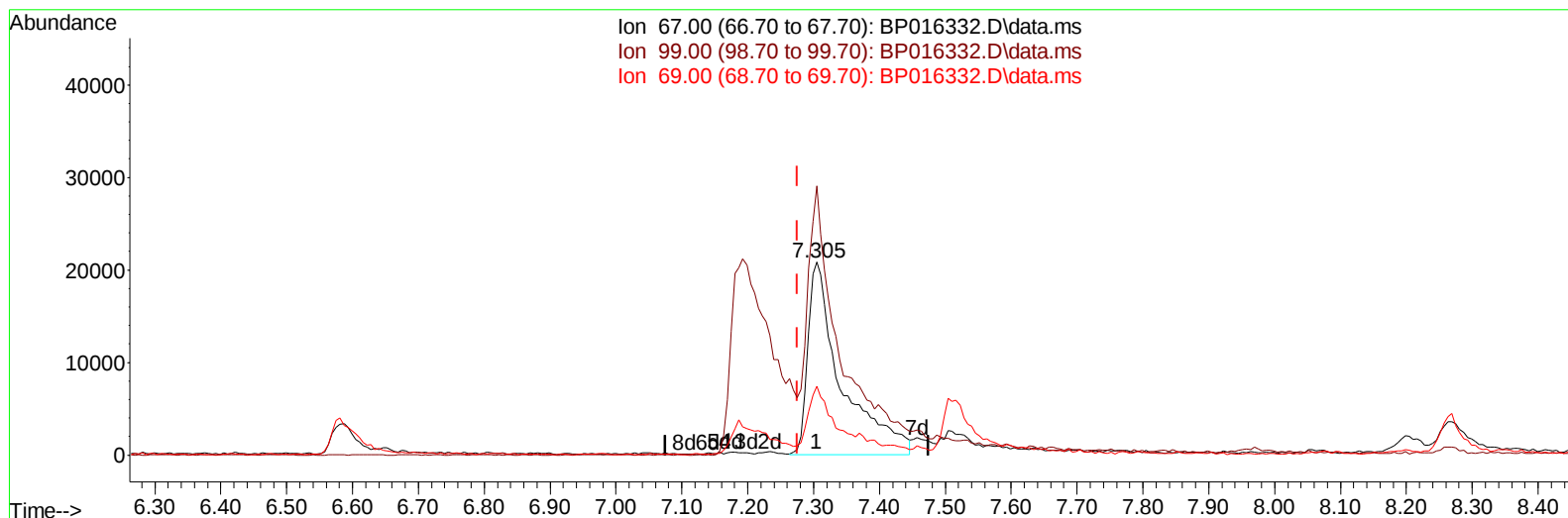
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 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: BP016332.D\data.ms

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

7.305min (+ 0.029) 17.02 ng/ul m

response 73416

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	139.46
69.00	33.10	35.74
0.00	0.00	0.00

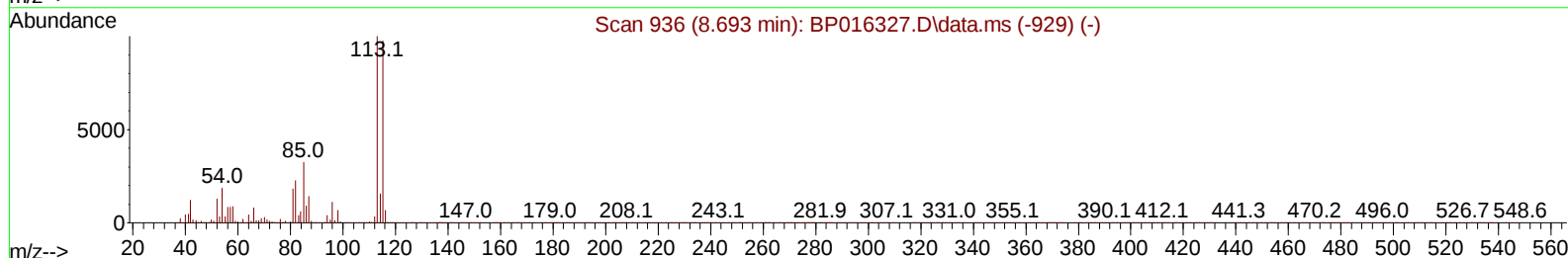
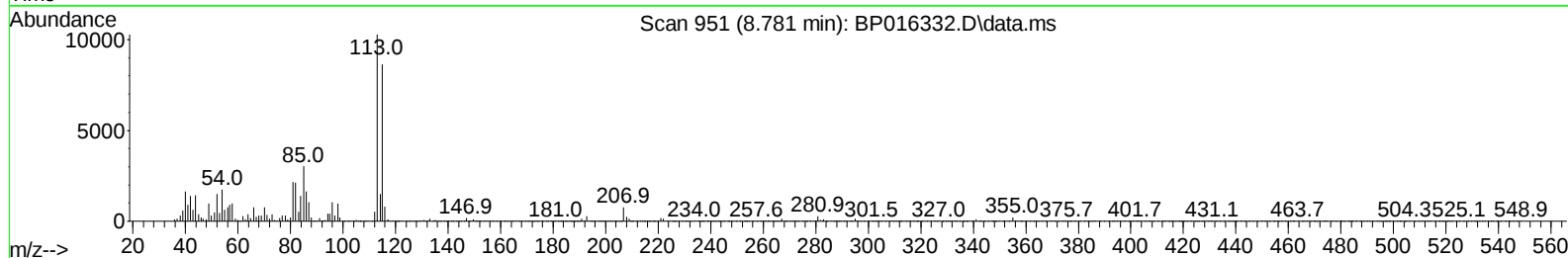
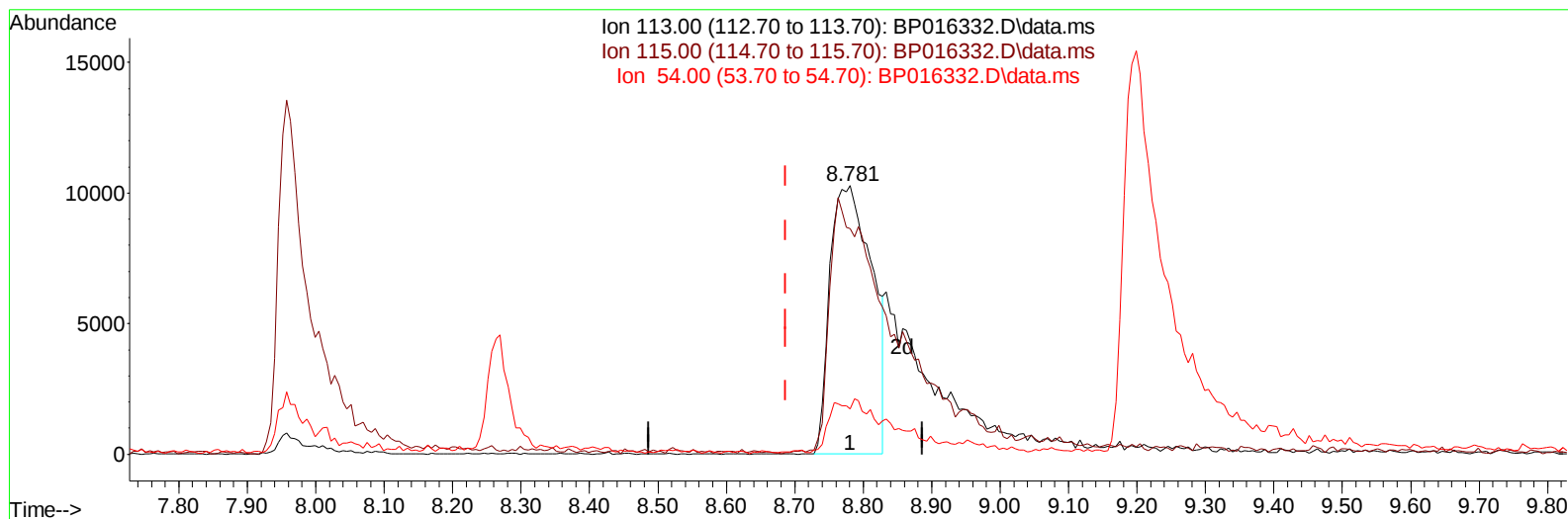
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016332.D
Acq On : 19 Jul 2023 19:54
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 2023
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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016332.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.781min (+ 0.094) 8.51 ng/u1

response 43725

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	84.16
54.00	16.30	16.93
0.00	0.00	0.00

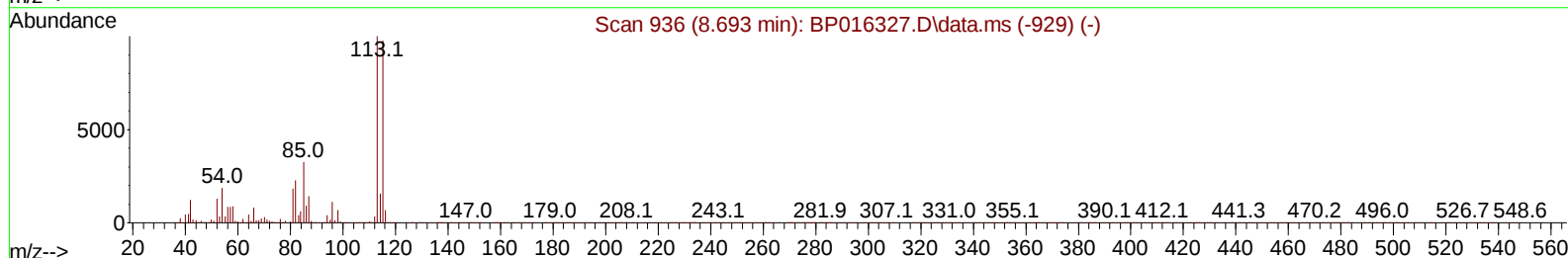
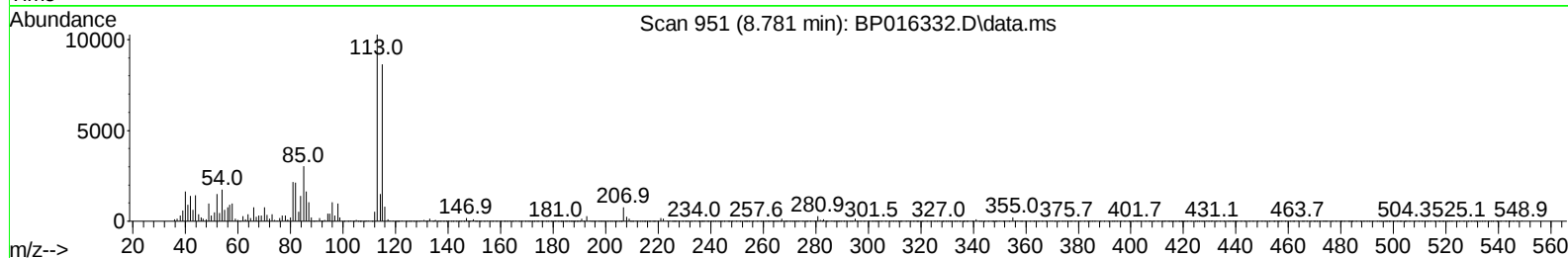
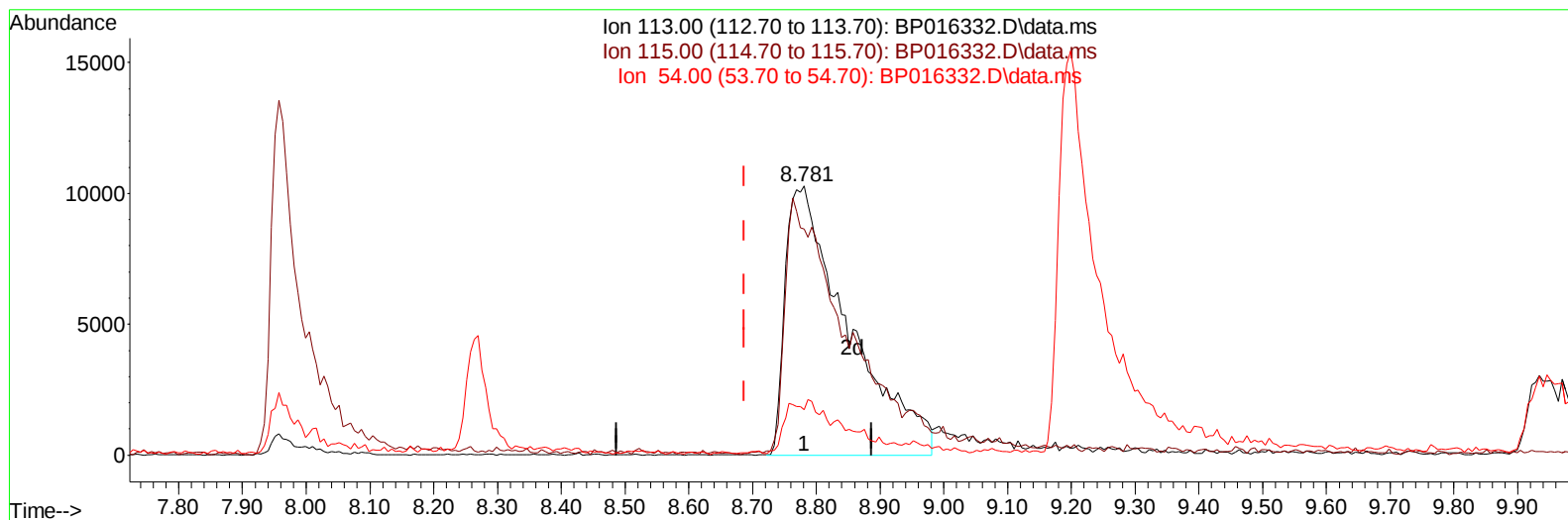
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

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



TIC: BP016332.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.781min (+ 0.094) 13.72 ng/ul m

response 70492

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	84.16
54.00	16.30	16.93
0.00	0.00	0.00

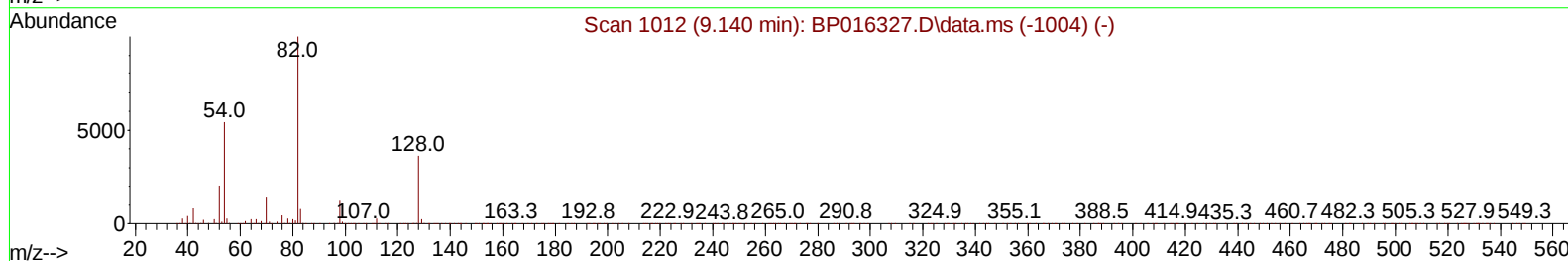
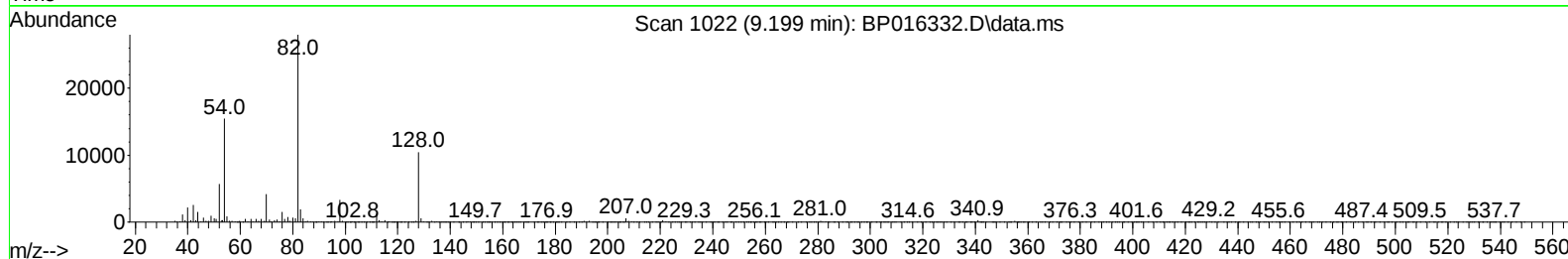
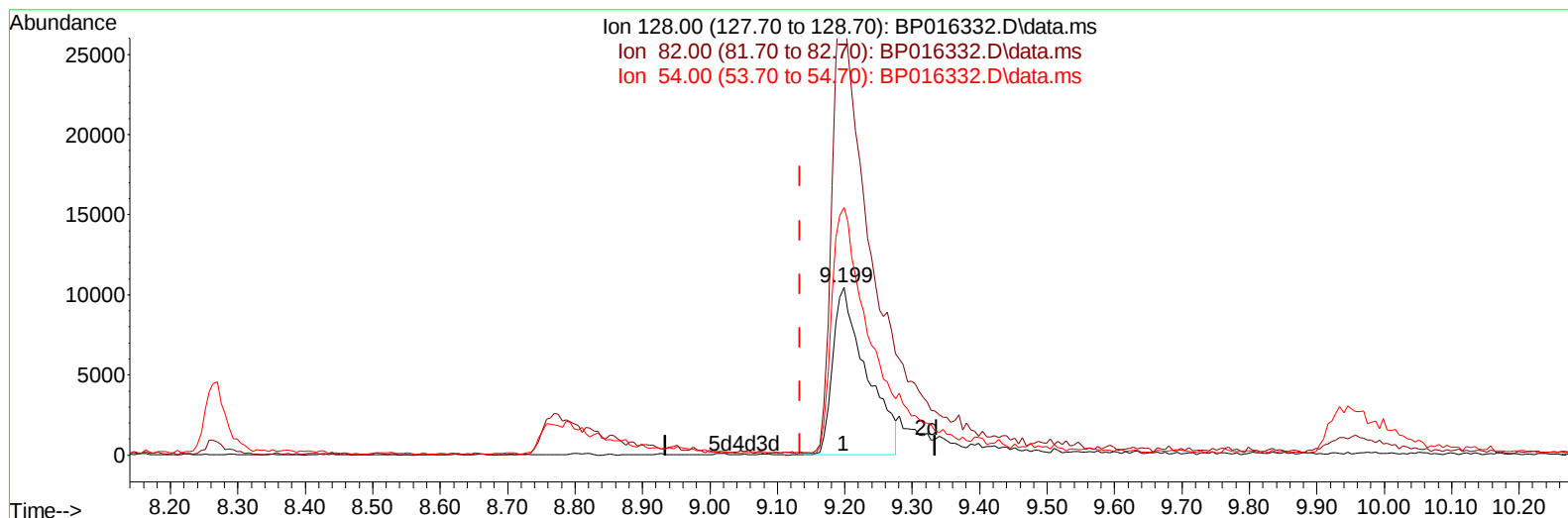
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

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TIC: BP016332.D\data.ms

(21) Nitrobenzene-d5 (S)

9.199min (+ 0.065) 15.79 ng/u1

response 36140

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	267.15
54.00	136.80	147.37
0.00	0.00	0.00

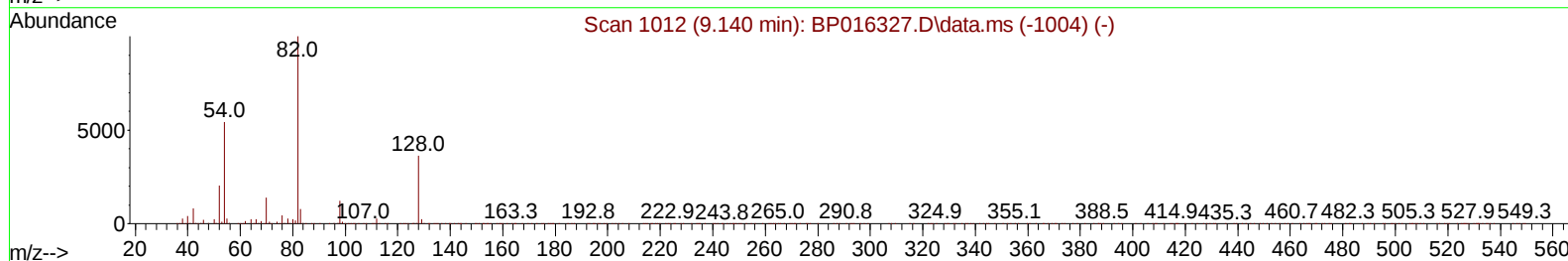
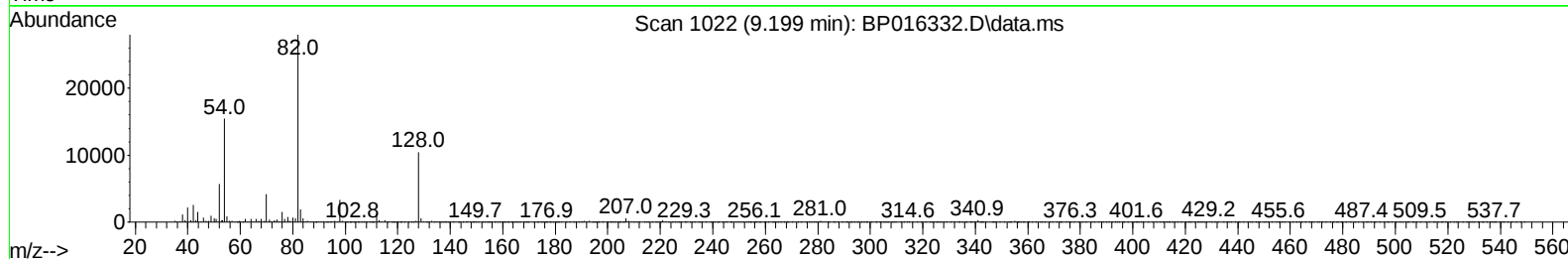
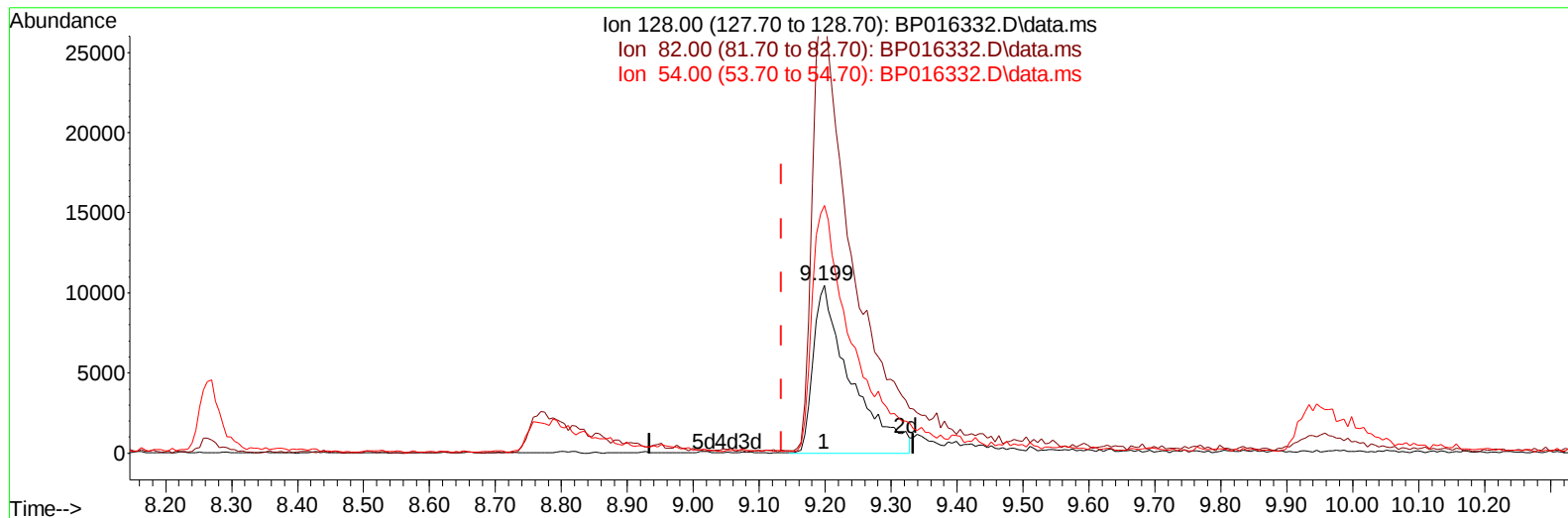
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Data File : BP016332.D
Acq On : 19 Jul 2023 19:54
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 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: BP016332.D\data.ms

(21) Nitrobenzene-d5 (S)

9.199min (+ 0.065) 17.93 ng/ul m

response 41049

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	267.15
54.00	136.80	147.37
0.00	0.00	0.00

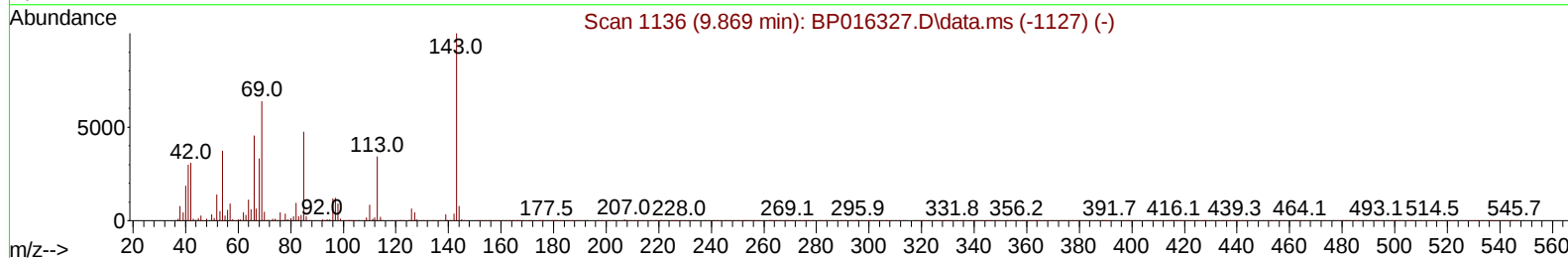
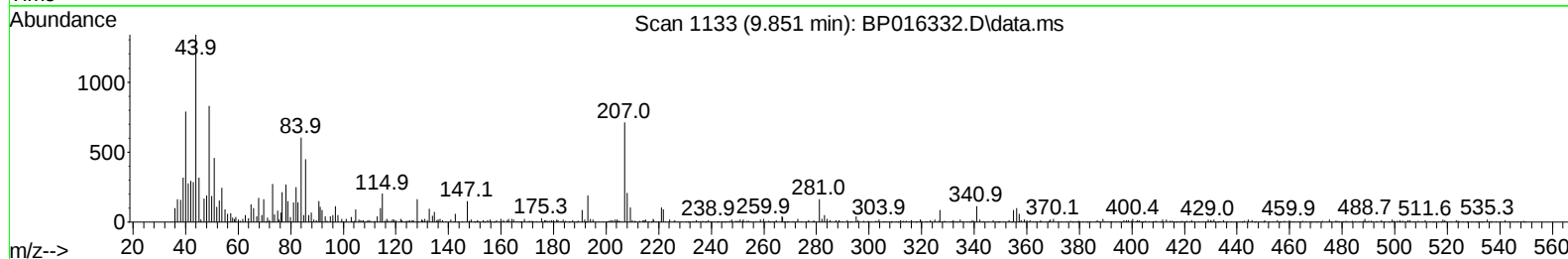
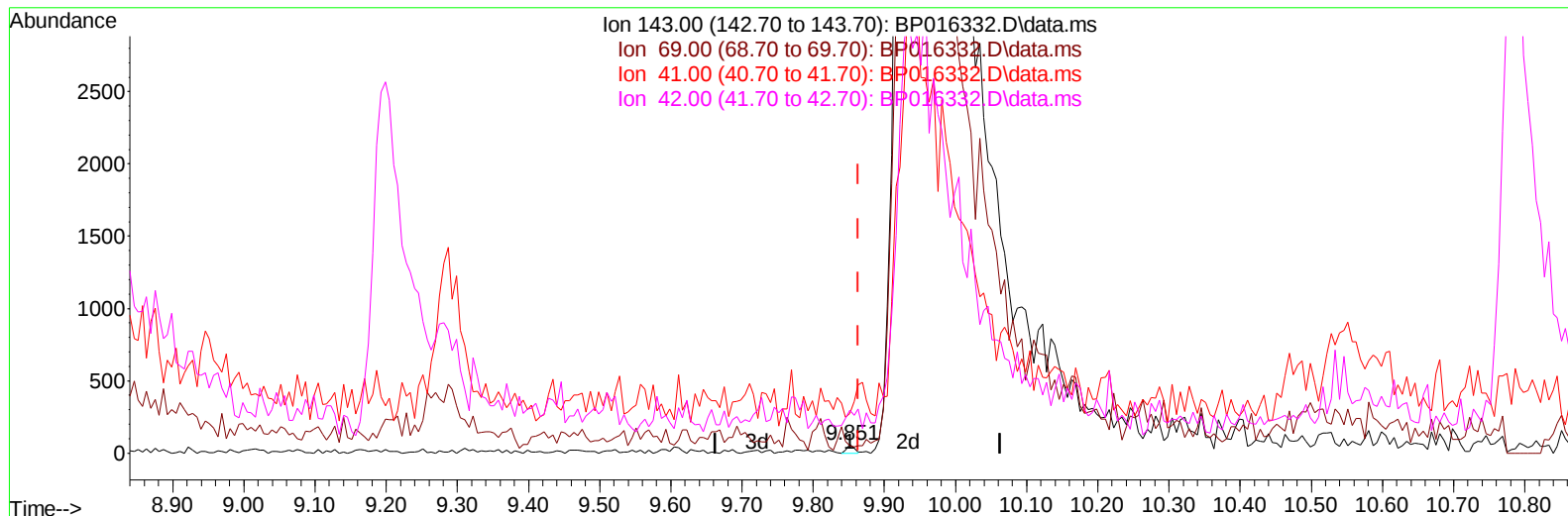
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 2023
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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016332.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.851min (-0.012) 0.02 ng/u1

response 41

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	82.54#
41.00	28.60	438.10#
42.00	29.20	469.84#

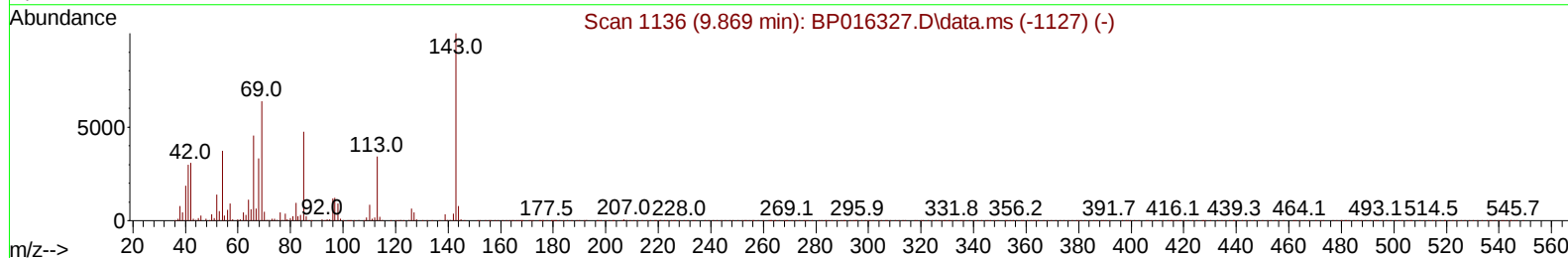
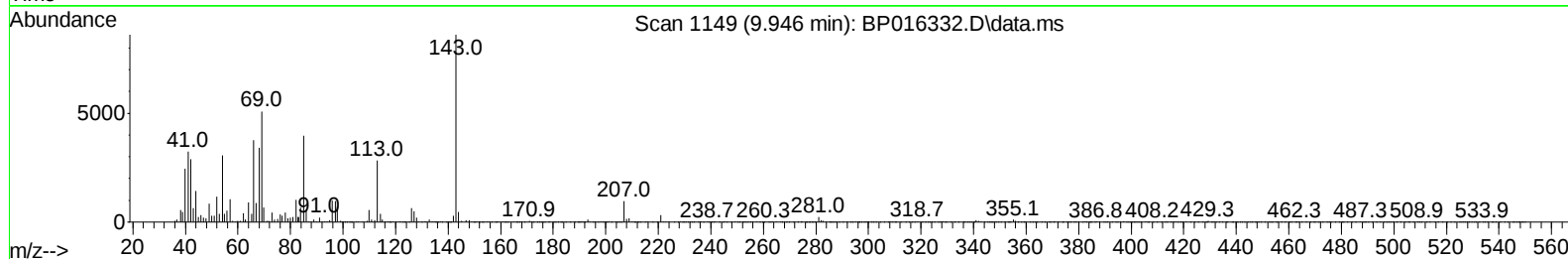
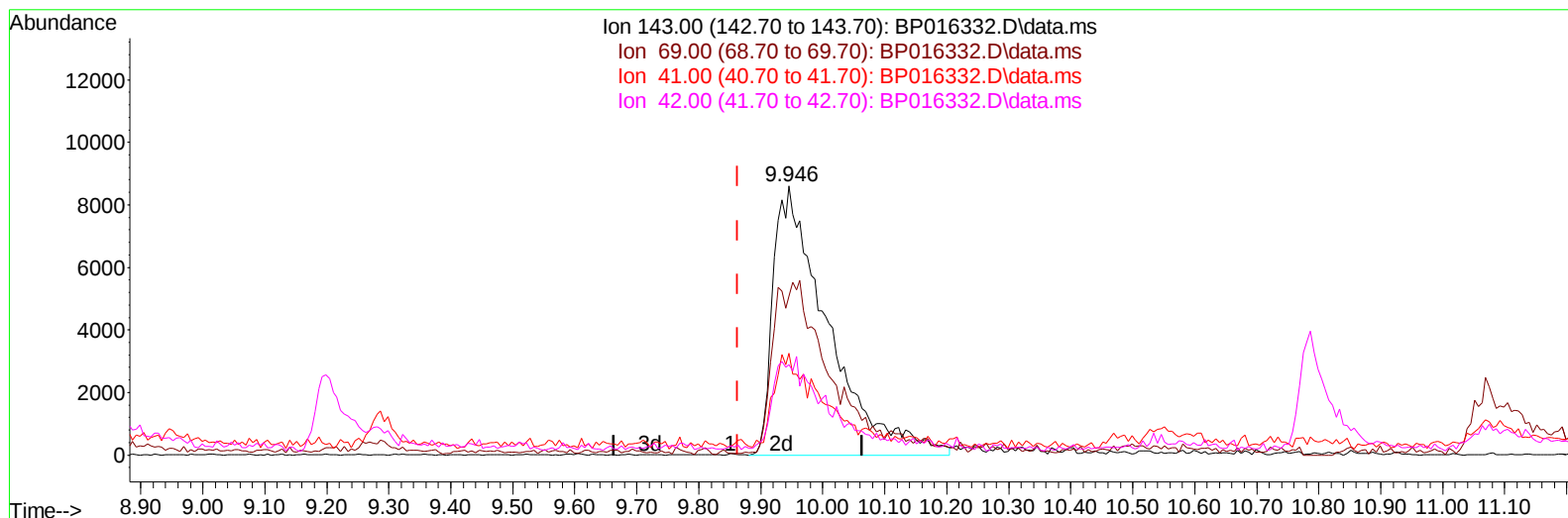
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 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 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: BP016332.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.946min (+ 0.082) 20.13 ng/ul m

response 52531

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	59.13
41.00	28.60	37.79#
42.00	29.20	33.64

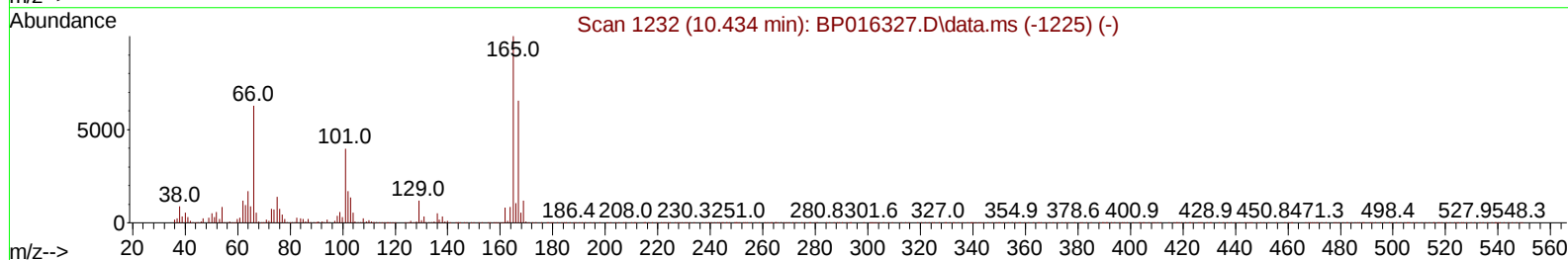
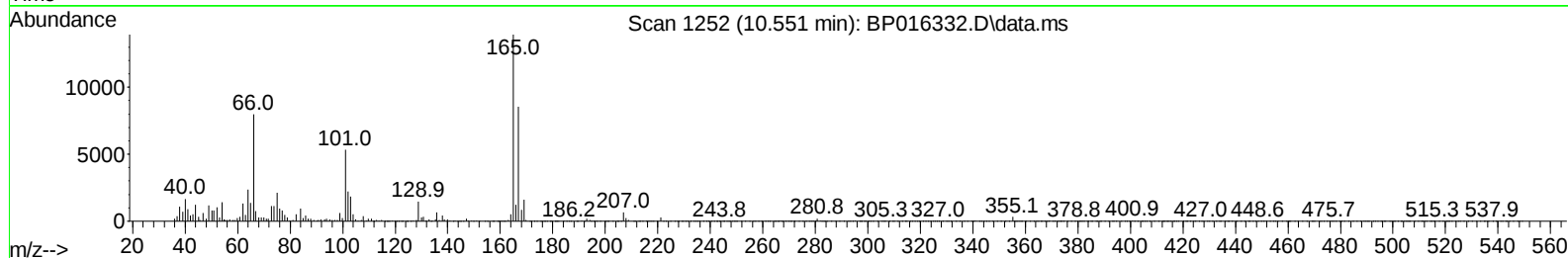
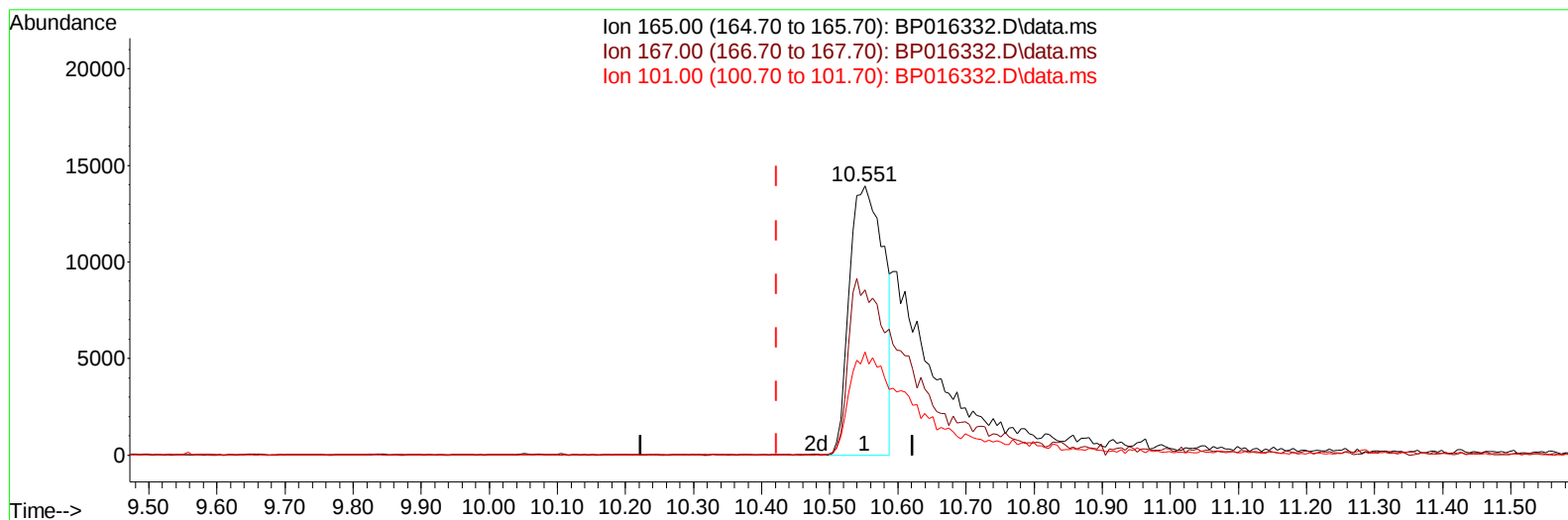
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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TIC: BP016332.D\data.ms

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

10.551min (+ 0.129) 10.74 ng/u1

response 48536

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	61.39
101.00	38.50	38.29
0.00	0.00	0.00

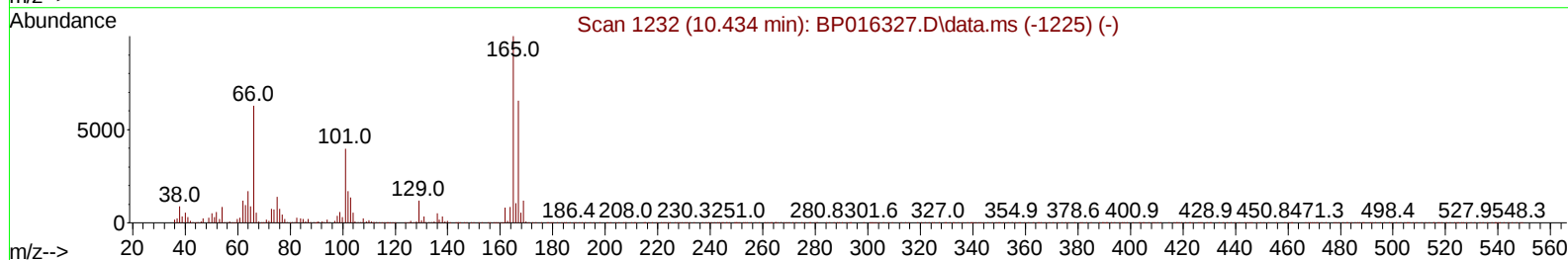
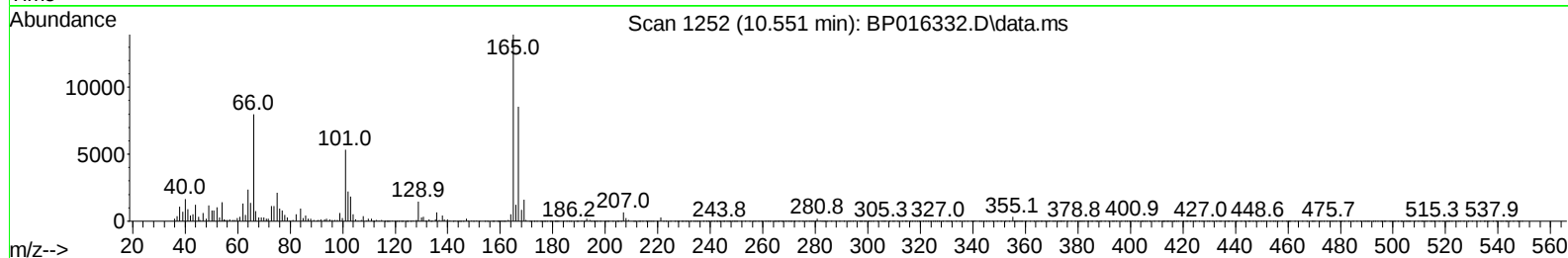
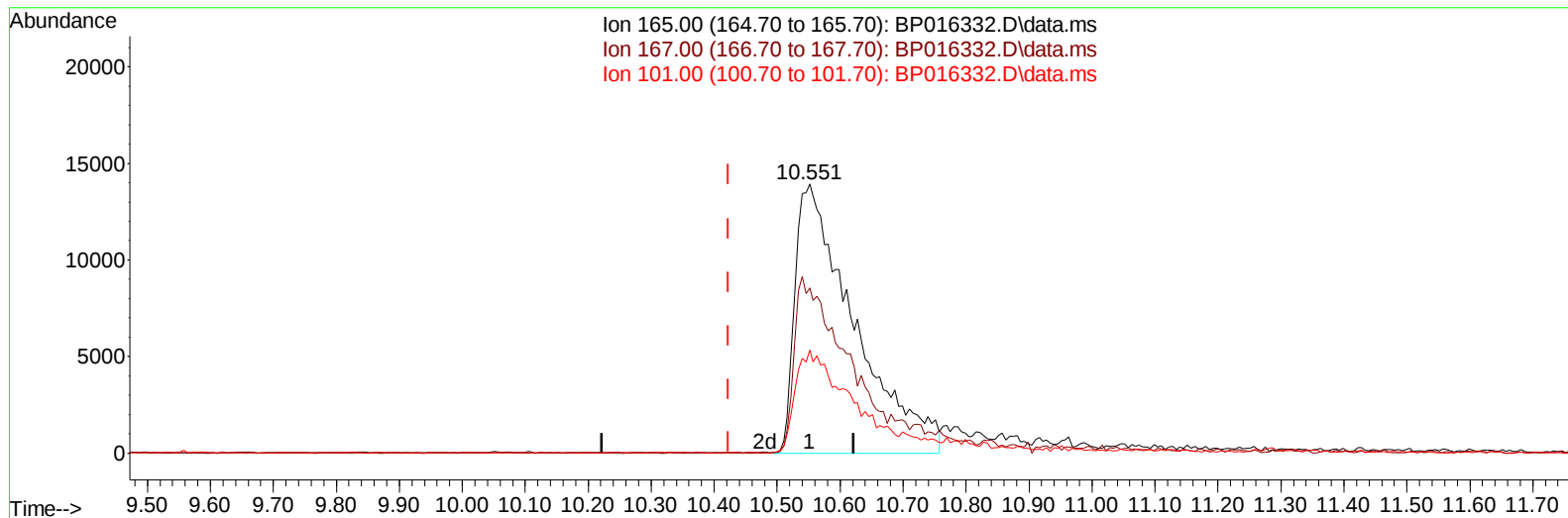
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Data File : BP016332.D
Acq On : 19 Jul 2023 19:54
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:29 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: BP016332.D\data.ms

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

10.551min (+ 0.129) 19.99 ng/ul m

response 90294

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	61.39
101.00	38.50	38.29
0.00	0.00	0.00

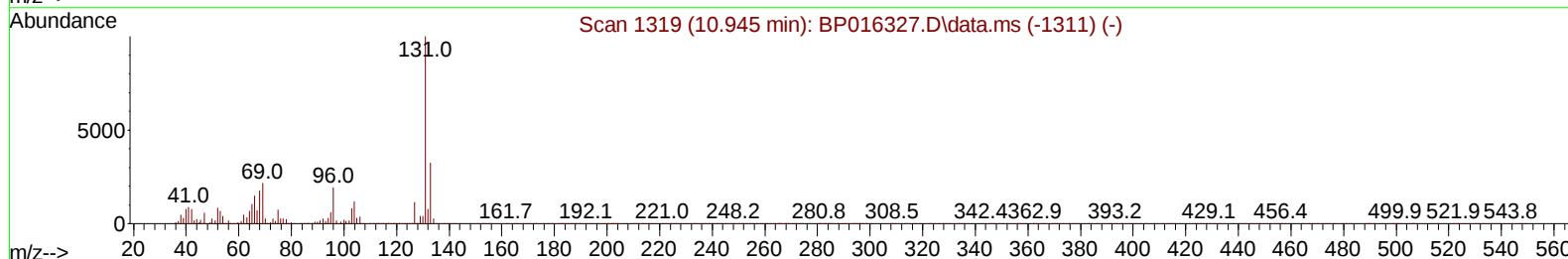
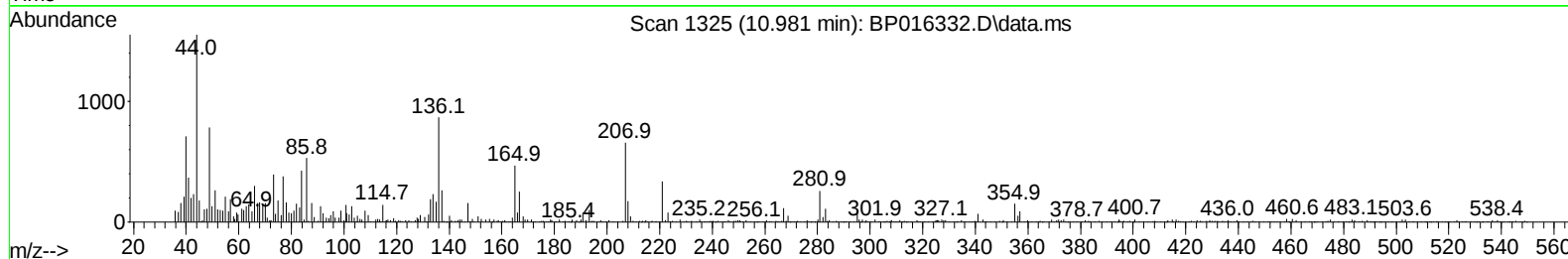
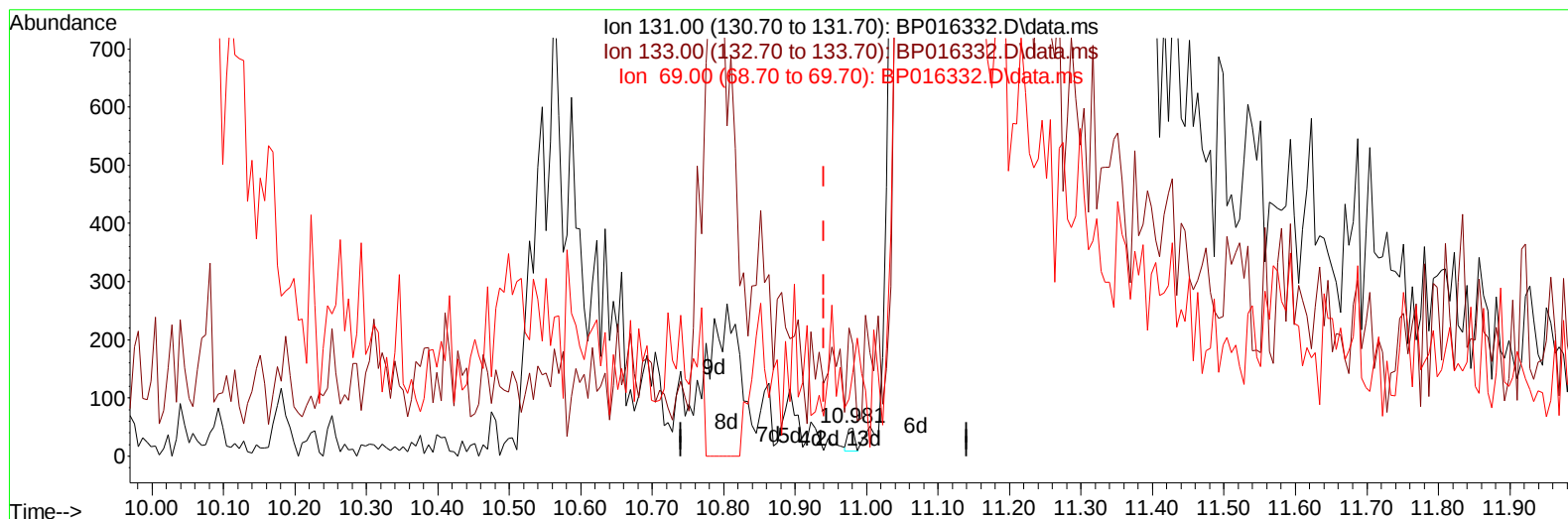
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:15:39 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
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TIC: BP016332.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.981min (+ 0.041) 0.00 ng/u1

response 27

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	400.00#
69.00	21.00	300.00#
0.00	0.00	0.00

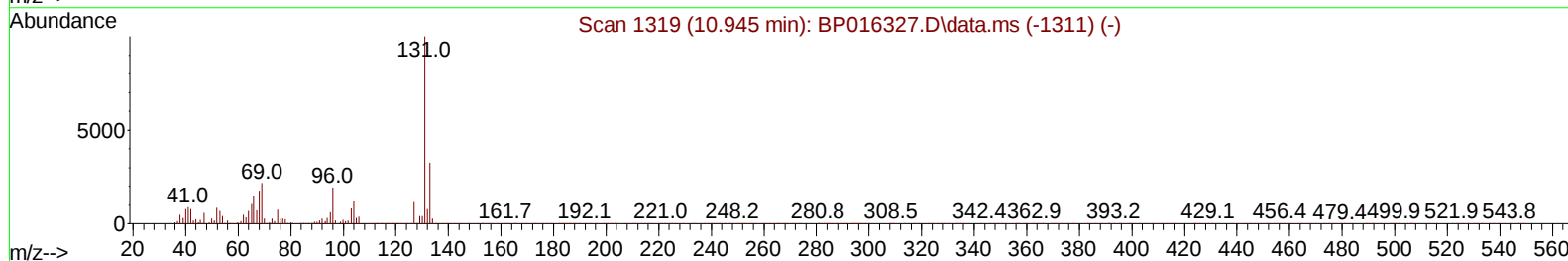
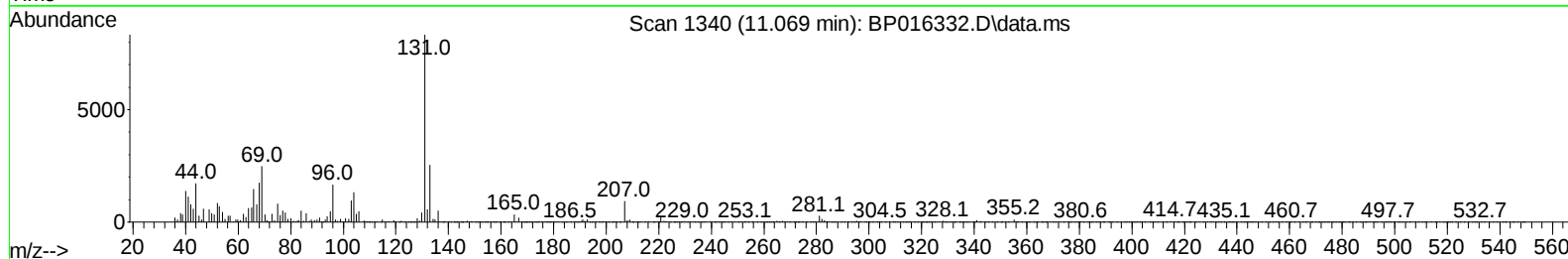
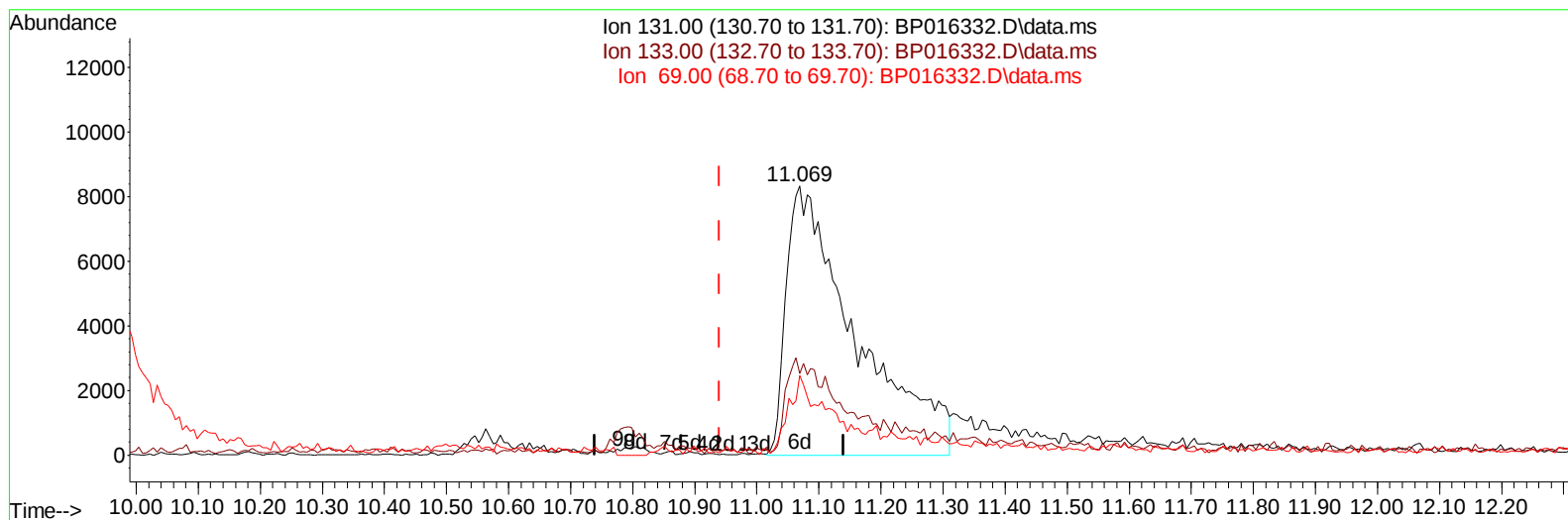
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:15:39 2023
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 Response via : Initial Calibration

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



TIC: BP016332.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.069min (+ 0.129) 8.92 ng/ul m

response 64620

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	30.38
69.00	21.00	29.72#
0.00	0.00	0.00

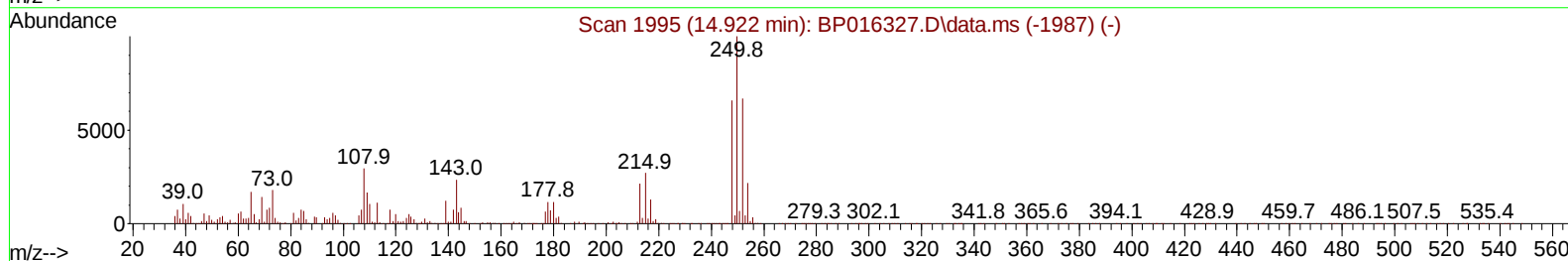
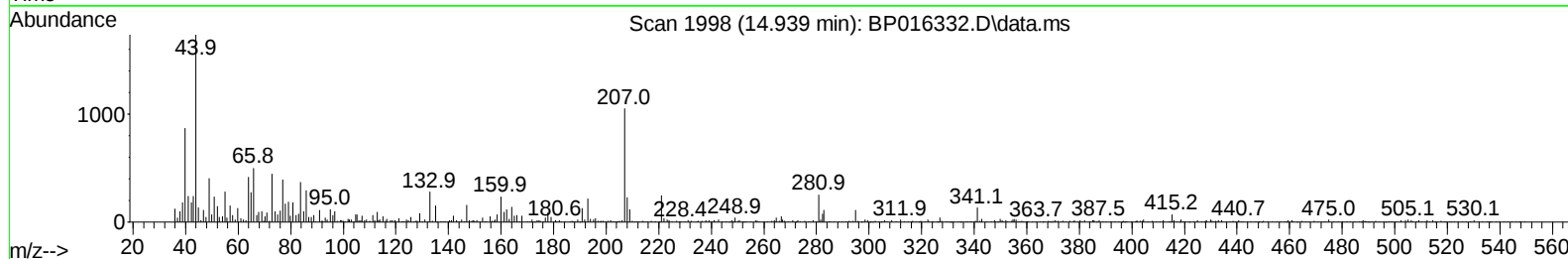
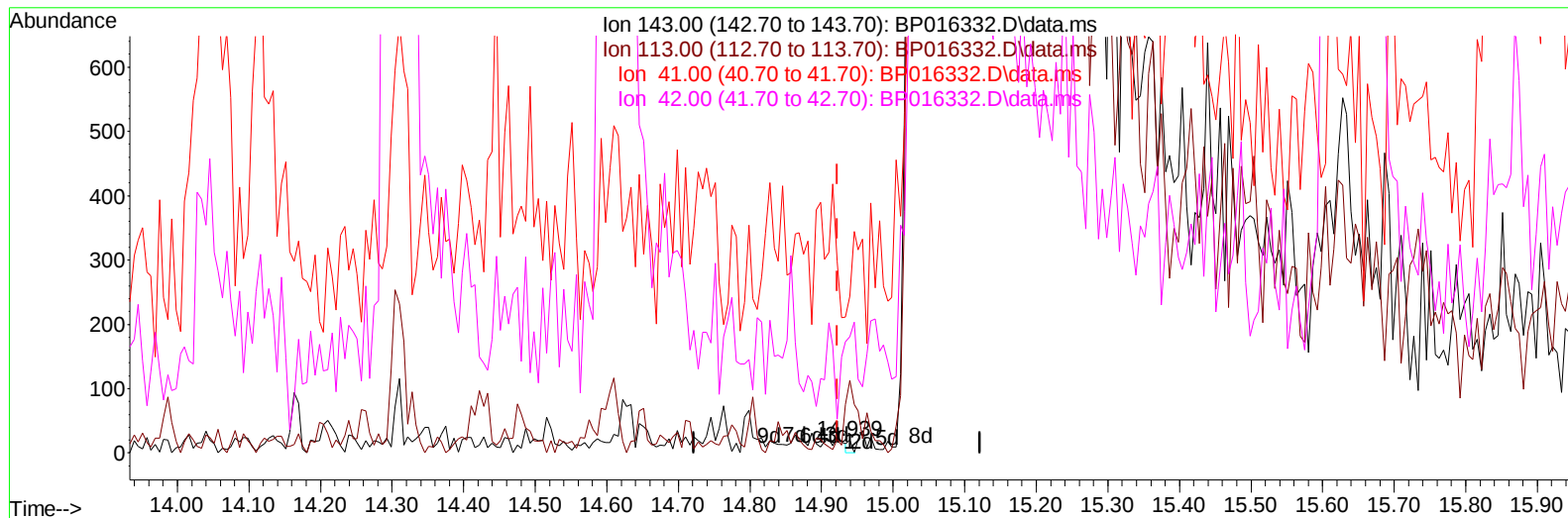
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016332.D
Acq On : 19 Jul 2023 19:54
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q9

Quant Time: Jul 19 23:15:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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QLast Update : Wed Jul 19 14:47:57 2023
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Manual IntegrationsAPPROVED

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



TIC: BP016332.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.939min (+ 0.018) 0.00 ng/u1

response 7

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	565.00#
41.00	49.30	1220.00#
42.00	32.70	905.00#

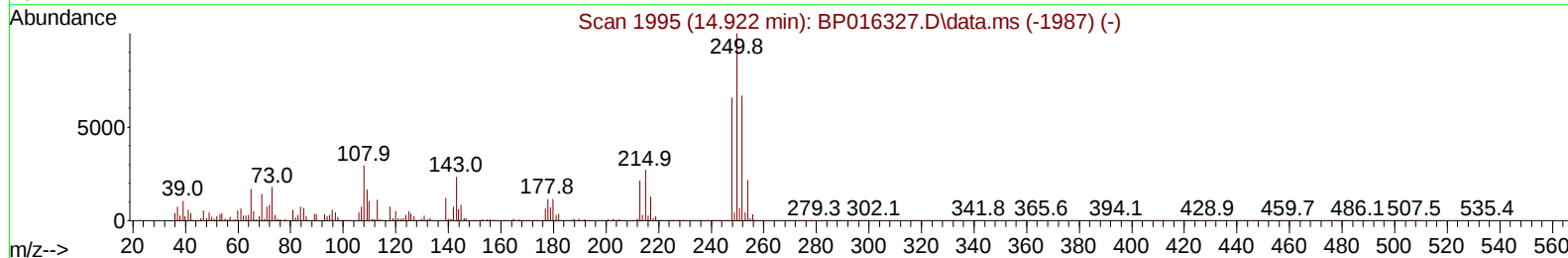
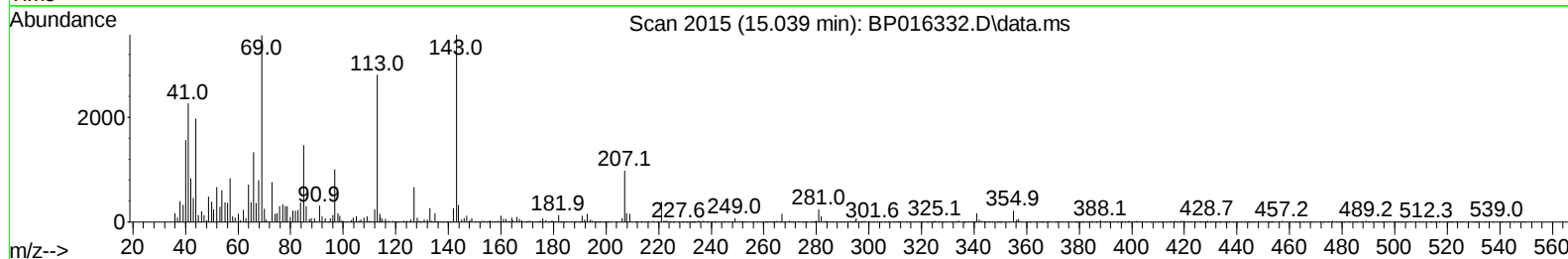
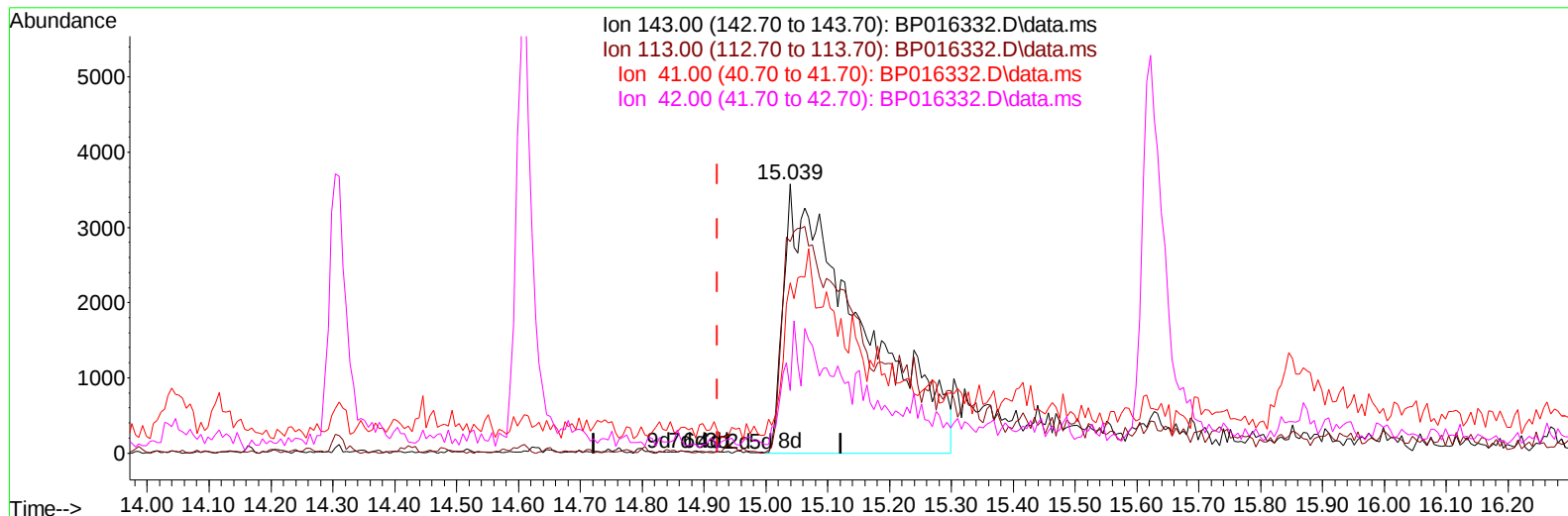
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016332.D
Acq On : 19 Jul 2023 19:54
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:15:39 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: BP016332.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.039min (+ 0.118) 8.35 ng/ul m

response 30680

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	78.62
41.00	49.30	63.29#
42.00	32.70	23.34#

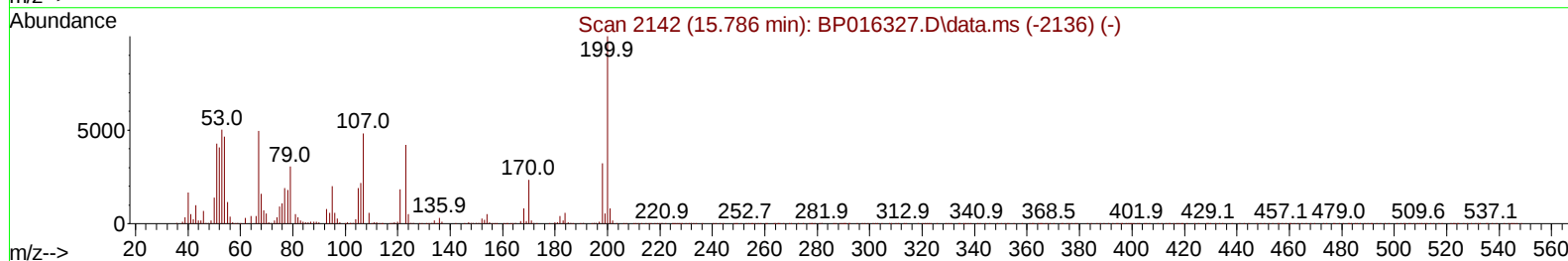
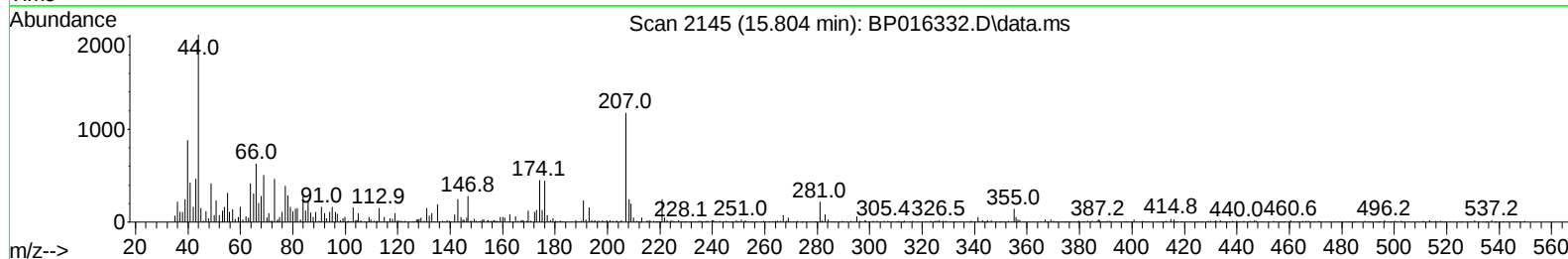
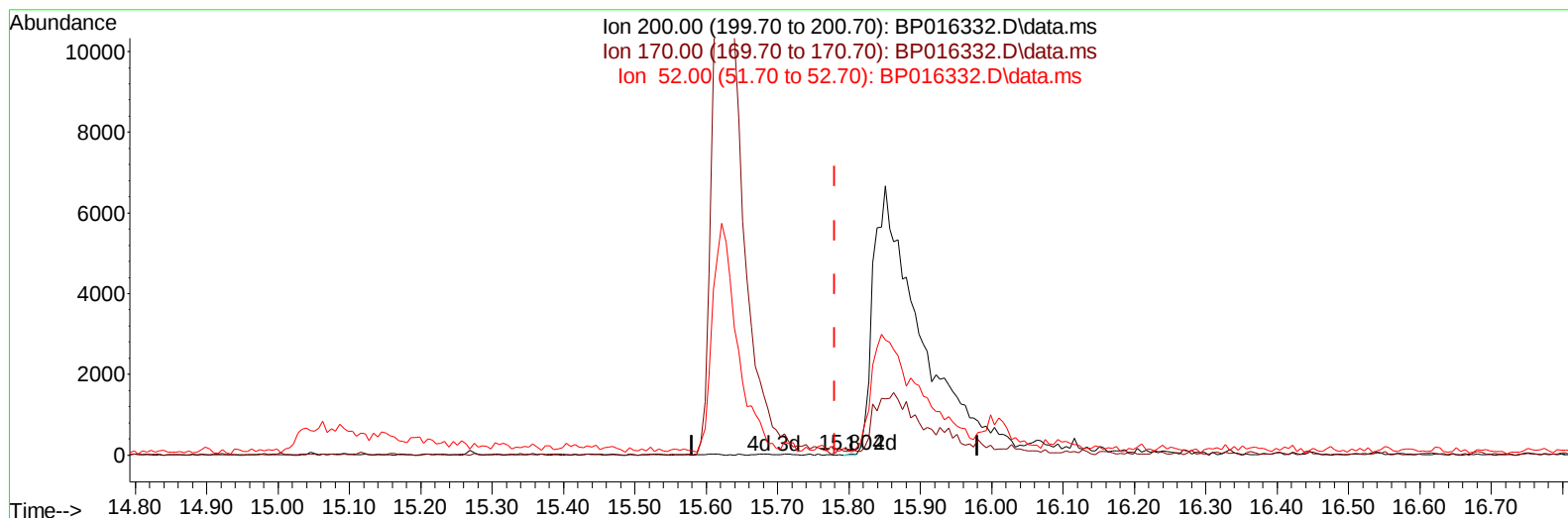
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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TIC: BP016332.D\data.ms

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

15.804min (+ 0.024) 0.00 ng/ul

response 15

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	520.83#
52.00	58.00	304.17#
0.00	0.00	0.00

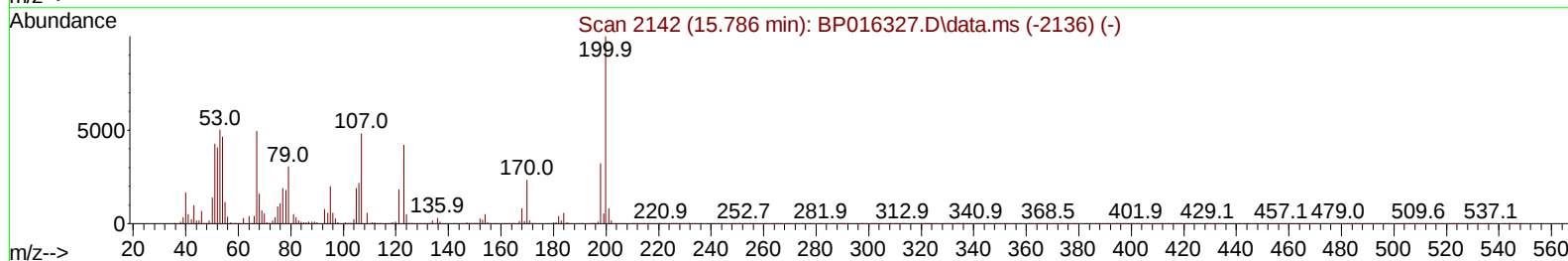
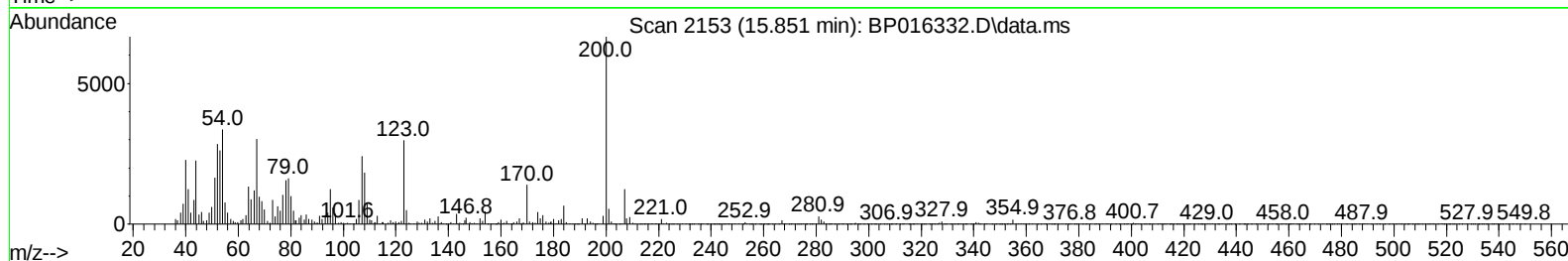
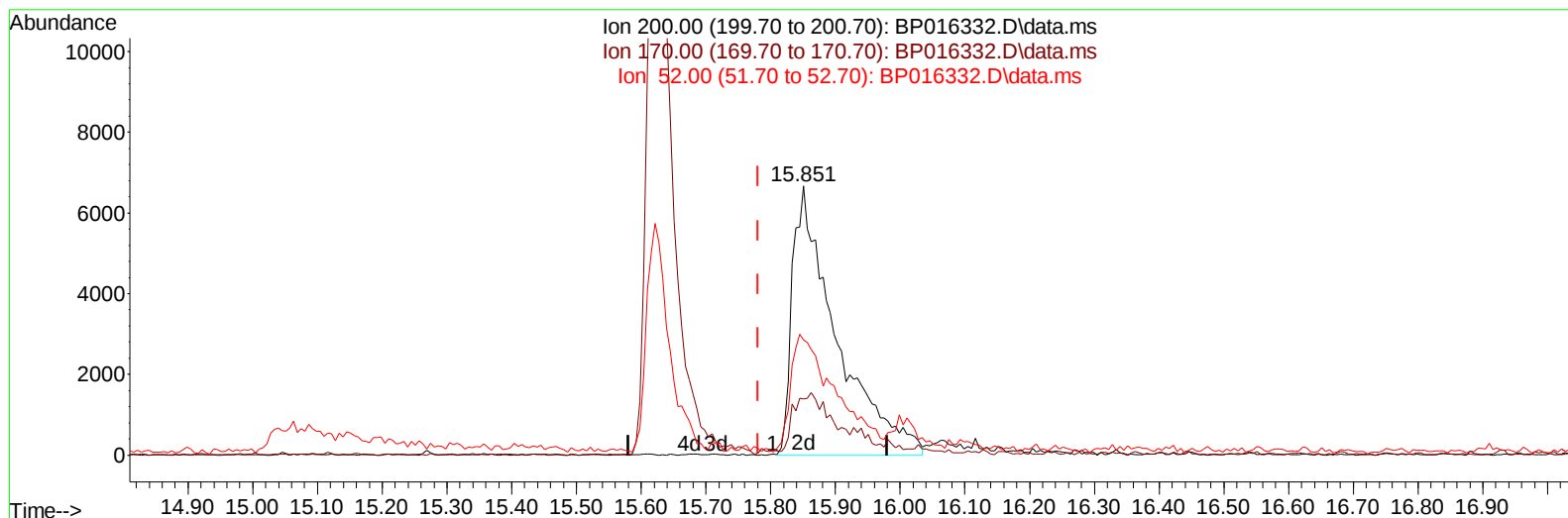
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016332.D
 Acq On : 19 Jul 2023 19:54
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

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TIC: BP016332.D\data.ms

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

15.851min (+ 0.071) 9.44 ng/ul m

response 31171

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	20.95
52.00	58.00	42.72#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 23:17:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	70615	20.000	ng/ul	0.01
20) Naphthalene-d8	10.787	136	331808	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.610	164	236061	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.375	188	571777	20.000	ng/ul	0.01
79) Chrysene-d12	21.474	240	697389	20.000	ng/ul	0.01
88) Perylene-d12	23.957	264	822231	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6237	3.126	ng/uL	0.00
4) Pyridine-d5	3.746	84	56569	11.366	ng/ul	0.02
7) Phenol-d5	7.193	99	82845	12.989	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.305	67	73416m	17.022	ng/ul	0.03
11) 2-Chlorophenol-d4	7.510	132	84910	18.441	ng/ul	0.04
15) 4-Methylphenol-d8	8.781	113	70492m	13.719	ng/ul	0.09
21) Nitrobenzene-d5	9.199	128	41049m	17.932	ng/ul	0.06
24) 2-Nitrophenol-d4	9.946	143	52531m	20.135	ng/ul	0.08
28) 2,4-Dichlorophenol-d3	10.551	165	90294m	19.985	ng/ul	0.13
31) 4-Chloroaniline-d4	11.069	131	64620m	8.923	ng/ul	0.13
46) Dimethylphthalate-d6	14.039	166	384569	21.357	ng/ul	0.03
49) Acenaphthylene-d8	14.304	160	400126	20.276	ng/ul	0.01
54) 4-Nitrophenol-d4	15.039	143	30680m	8.348	ng/ul	0.12
60) Fluorene-d10	15.622	176	337985	22.427	ng/ul	0.03
65) 4,6-Dinitro-2-methylph...	15.851	200	31171m	9.444	ng/ul	0.07
73) Anthracene-d10	17.480	188	520333	20.804	ng/ul	0.01
81) Pyrene-d10	19.710	212	793536	21.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	856605	21.694	ng/ul	0.00

Target Compounds Qvalue

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

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