

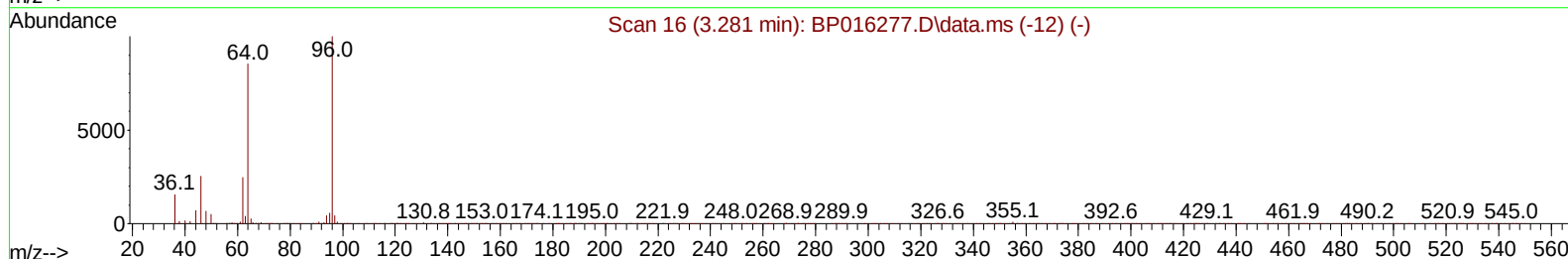
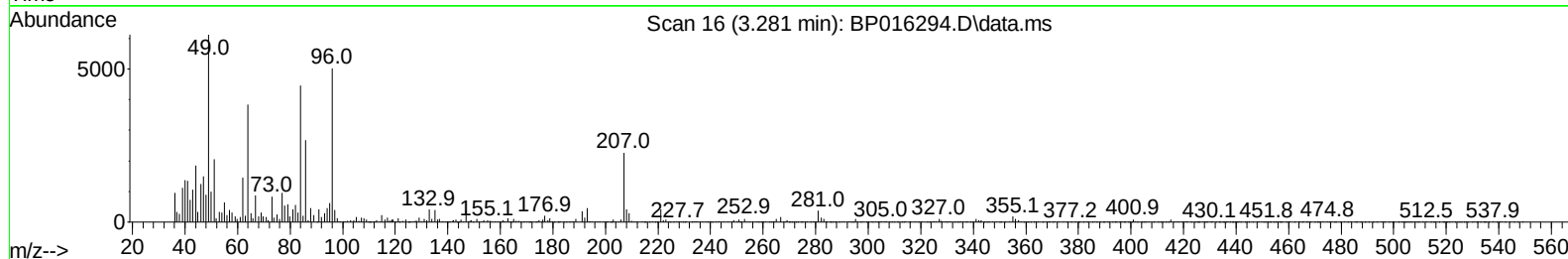
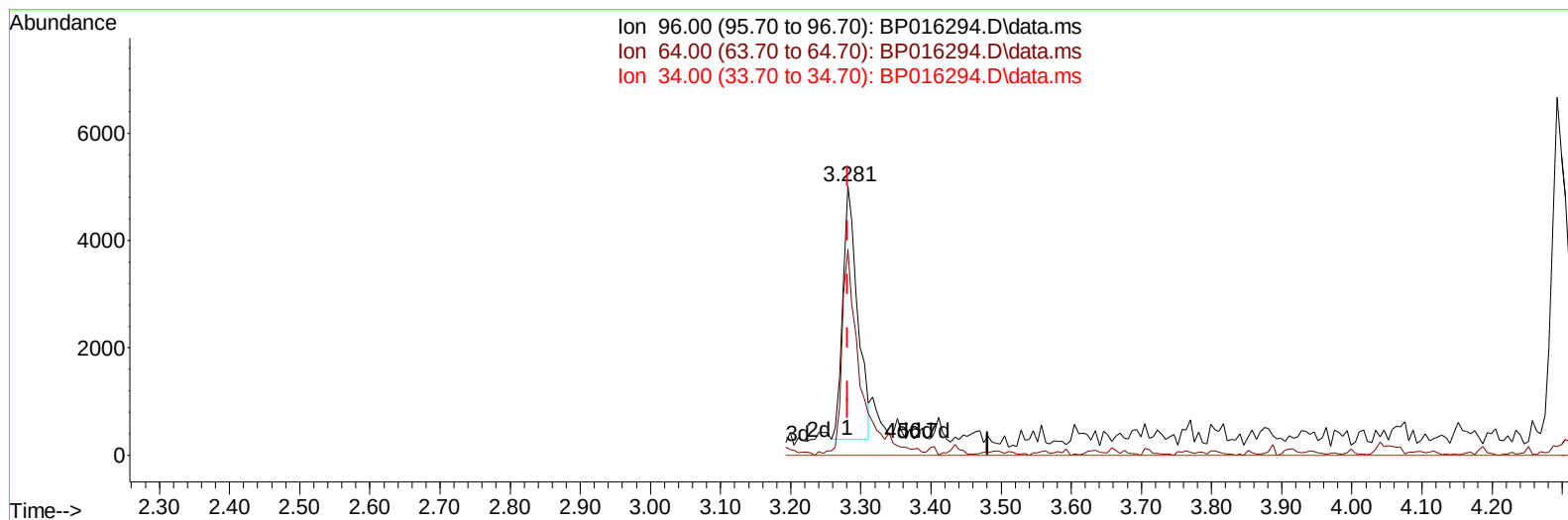
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:28:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

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

3.281min (+ 0.000) 1.57 ng/uL

response 6934

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.90	76.49
34.00	0.00	0.00
0.00	0.00	0.00

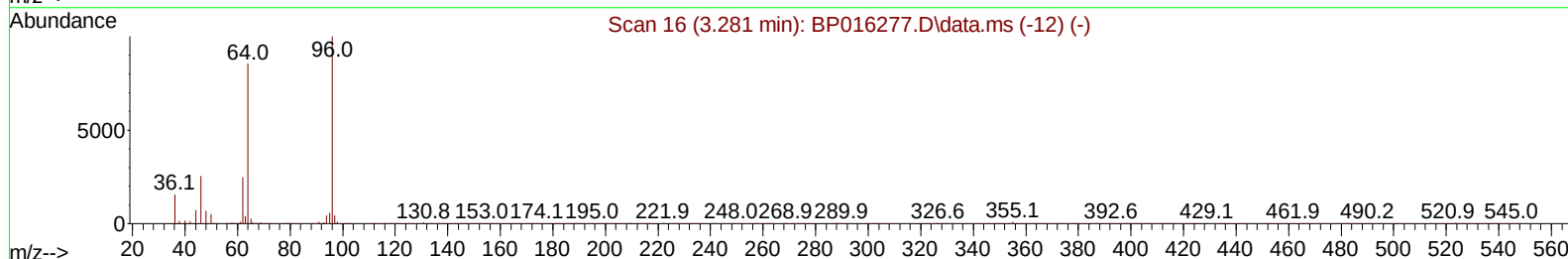
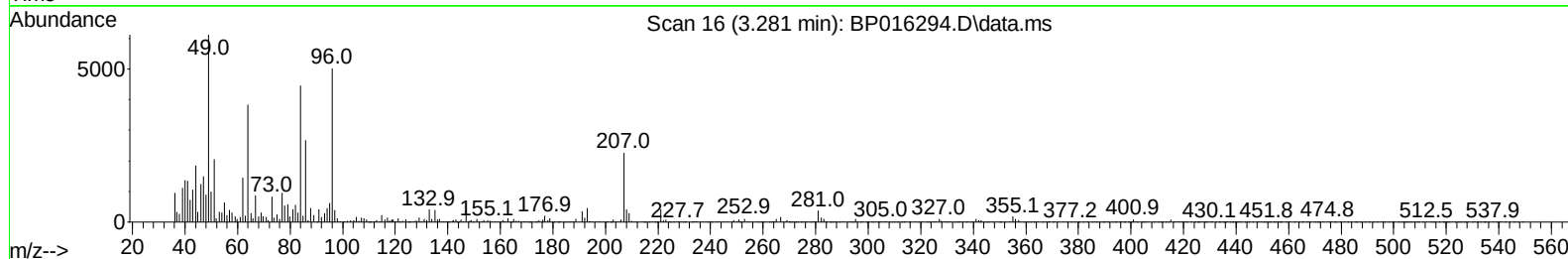
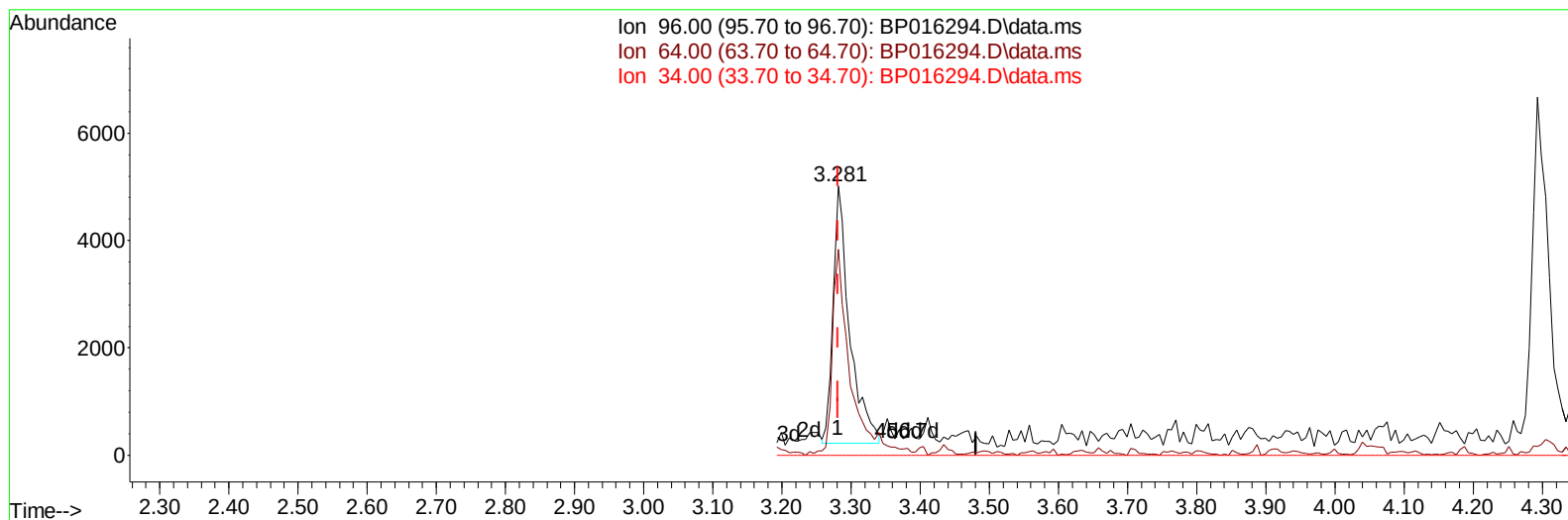
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:28:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

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

3.281min (+ 0.000) 1.80 ng/uL m

response 7962

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.90	76.49
34.00	0.00	0.00
0.00	0.00	0.00

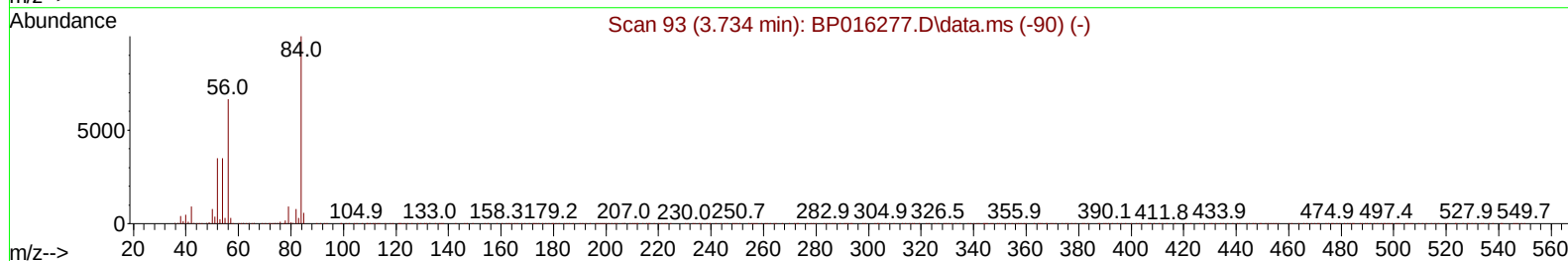
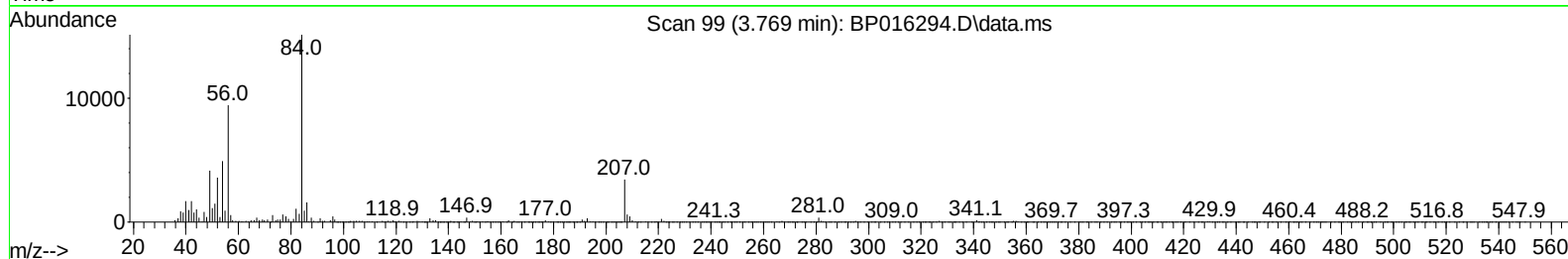
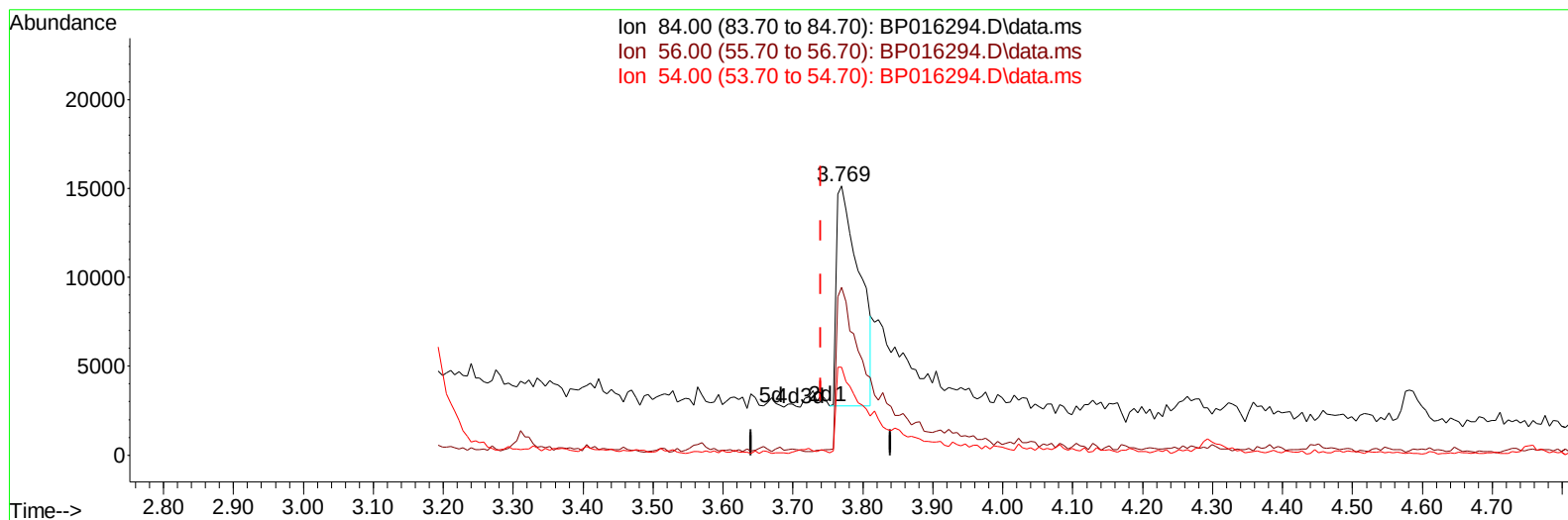
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:28:09 2023
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TIC: BP016294.D\data.ms

(4) Pyridine-d5 (S)

3.769min (+ 0.029) 2.56 ng/u1

response 28262

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	62.39
54.00	32.50	32.59
0.00	0.00	0.00

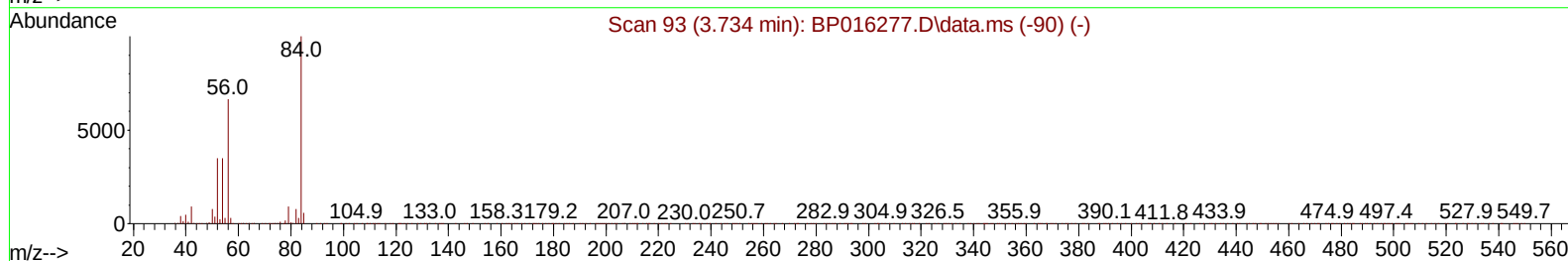
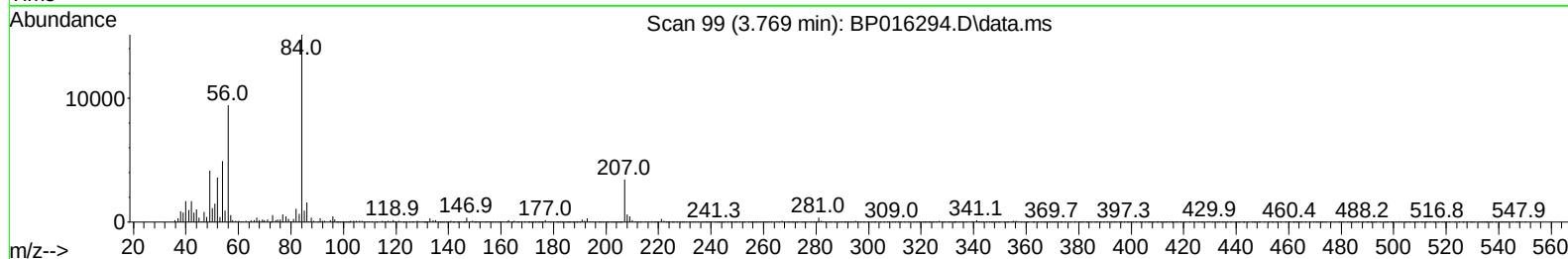
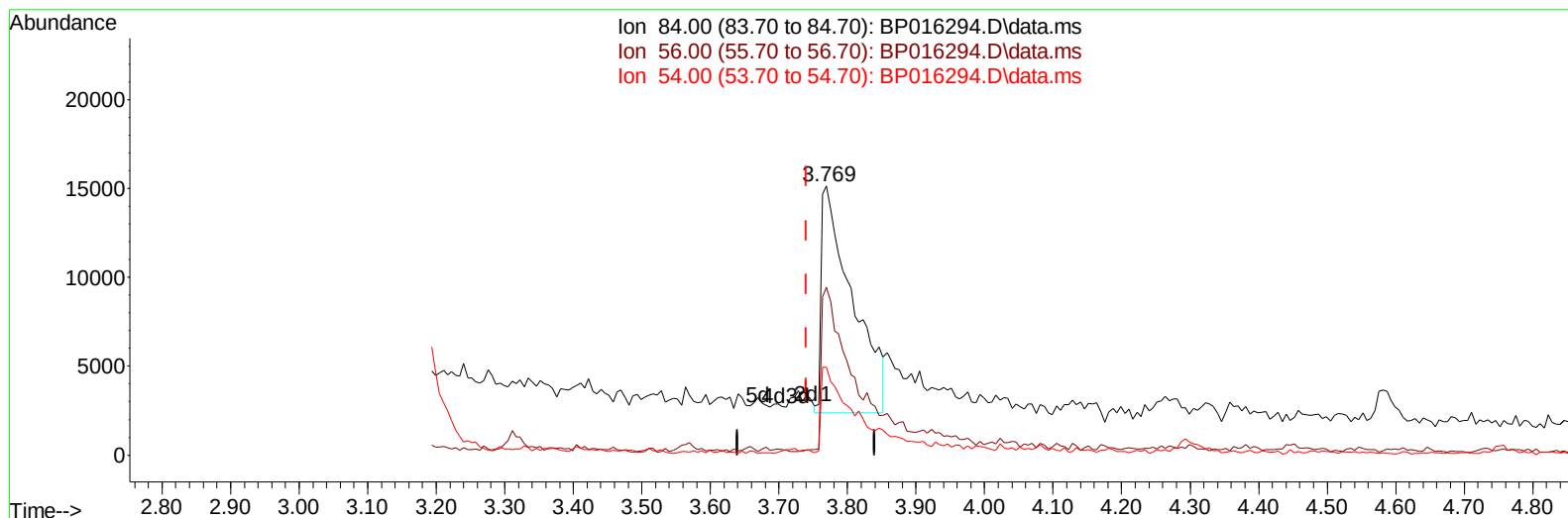
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:28:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016294.D\data.ms

(4) Pyridine-d5 (S)

3.769min (+ 0.029) 3.63 ng/ul m

response 40036

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	62.39
54.00	32.50	32.59
0.00	0.00	0.00

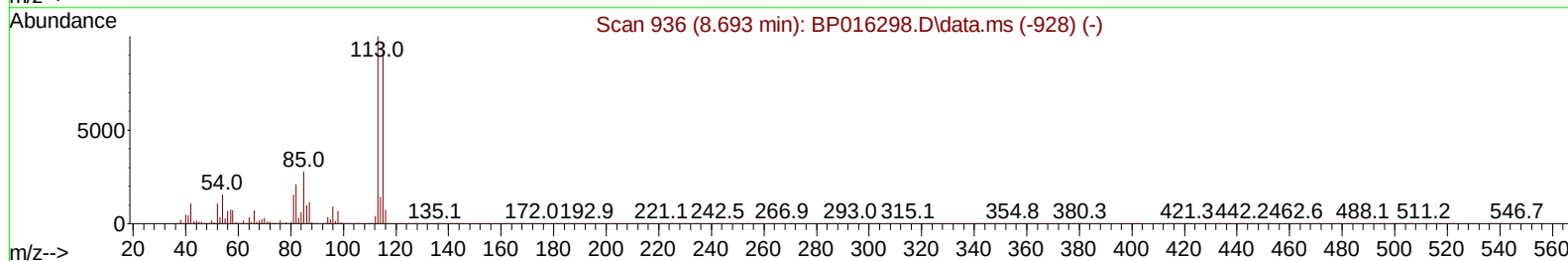
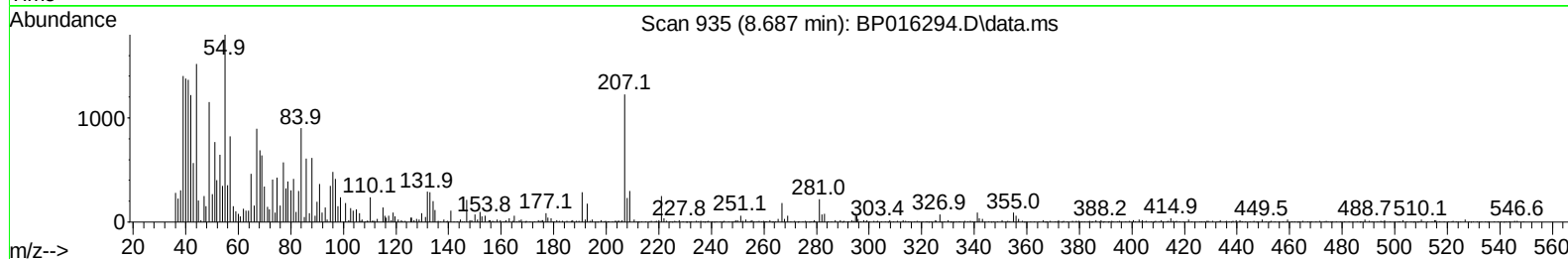
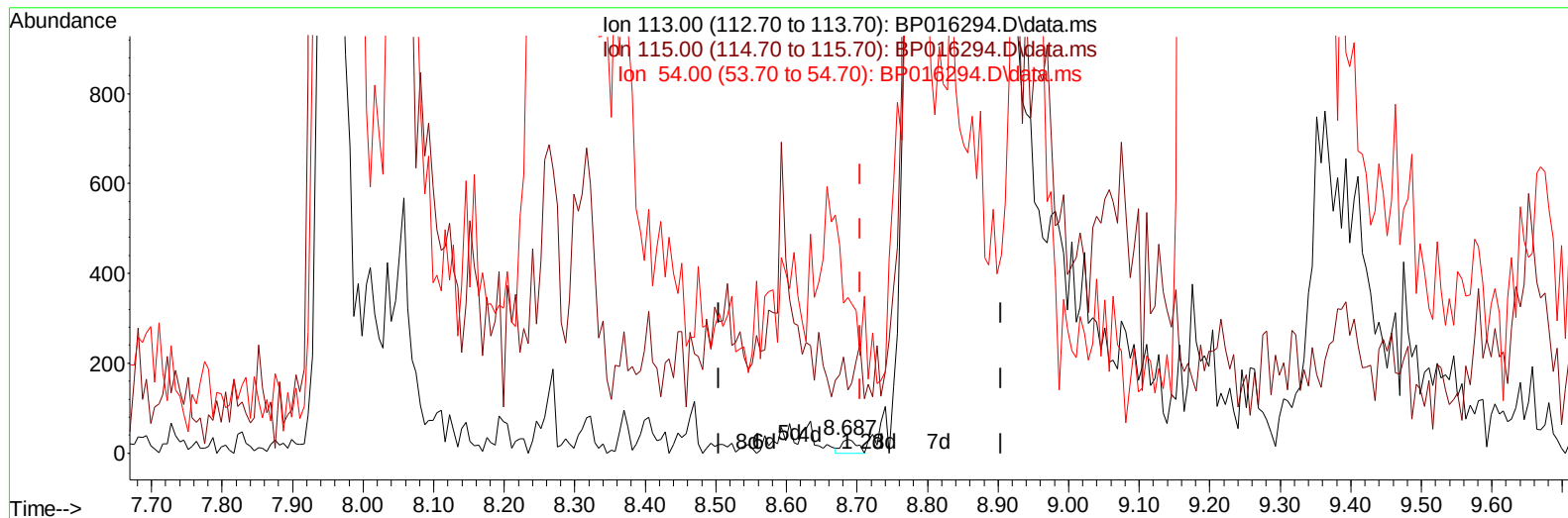
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:47:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.687min (-0.018) 0.00 ng/u1

response 45

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	673.33#
54.00	16.30	1153.33#
0.00	0.00	0.00

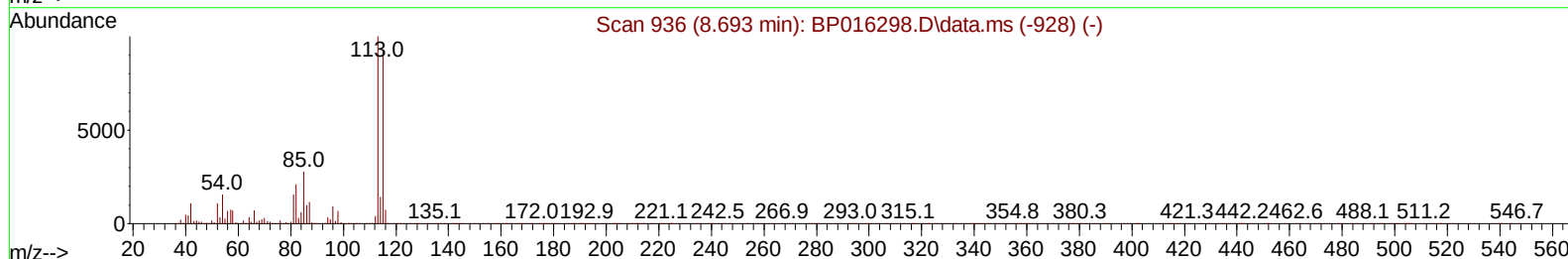
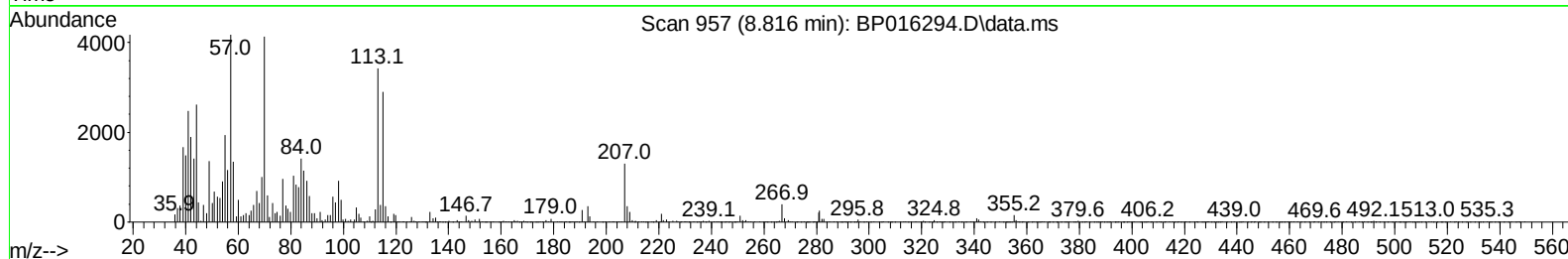
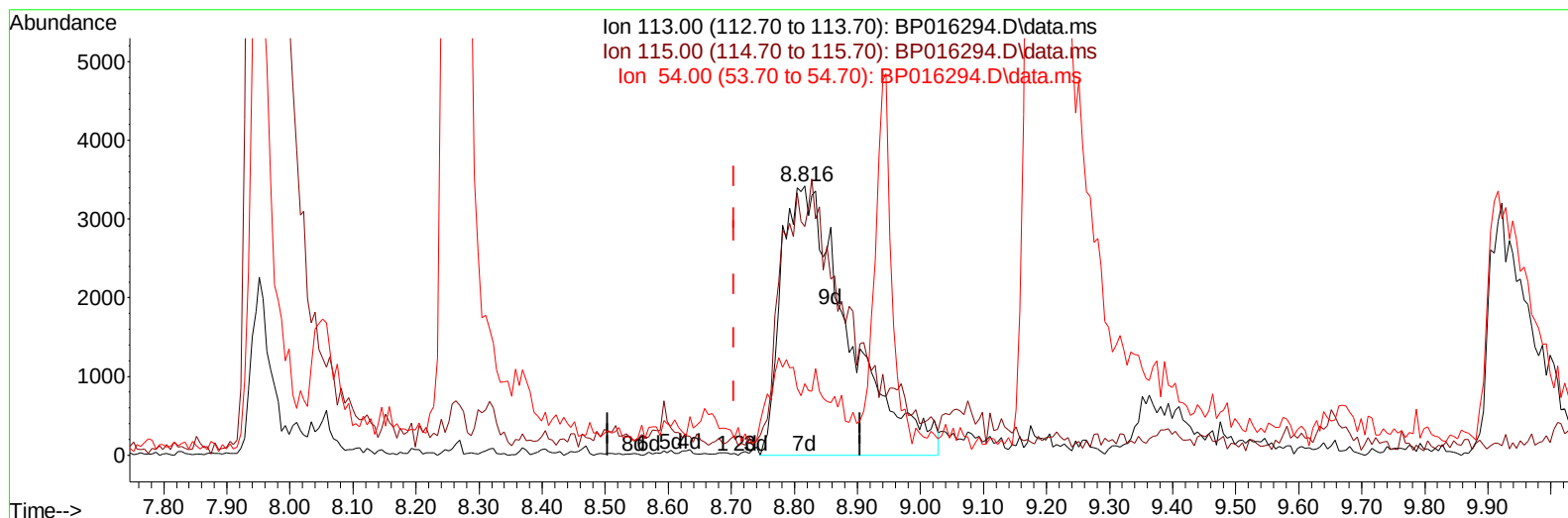
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Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:47:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.816min (+ 0.112) 2.23 ng/u1 m

response 25387

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	84.97
54.00	16.30	26.47#
0.00	0.00	0.00

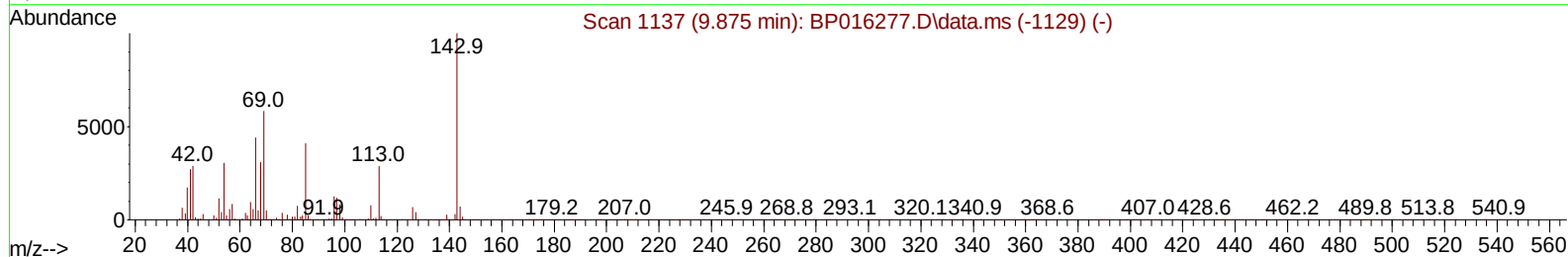
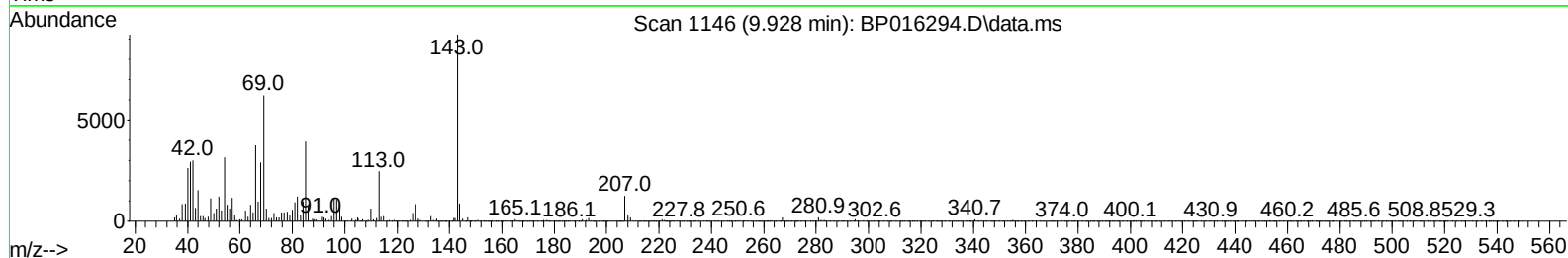
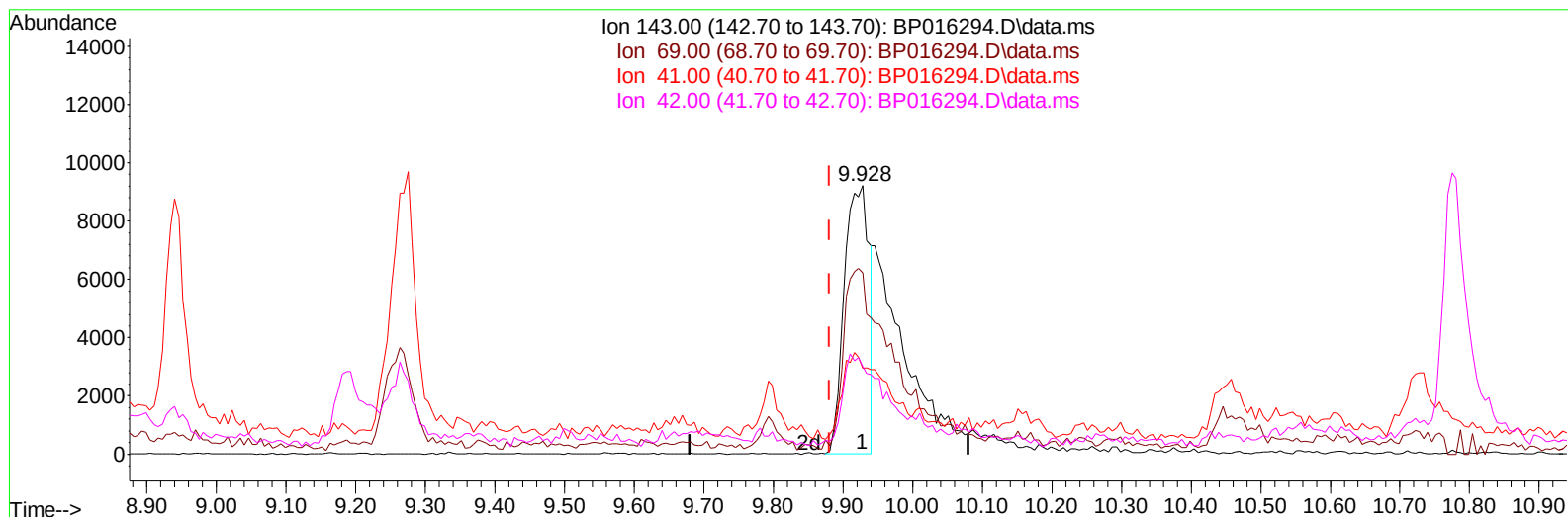
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:42:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016294.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.928min (+ 0.047) 4.00 ng/u1

response 22684

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	67.50
41.00	28.60	31.91
42.00	29.20	32.69

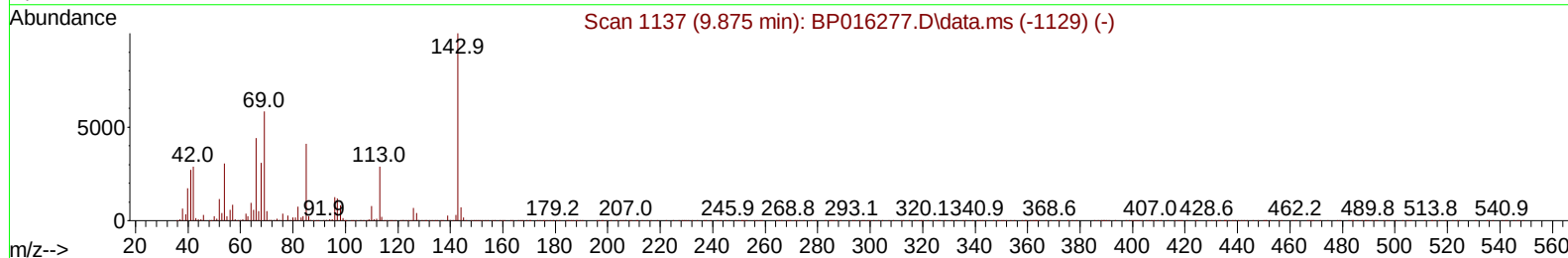
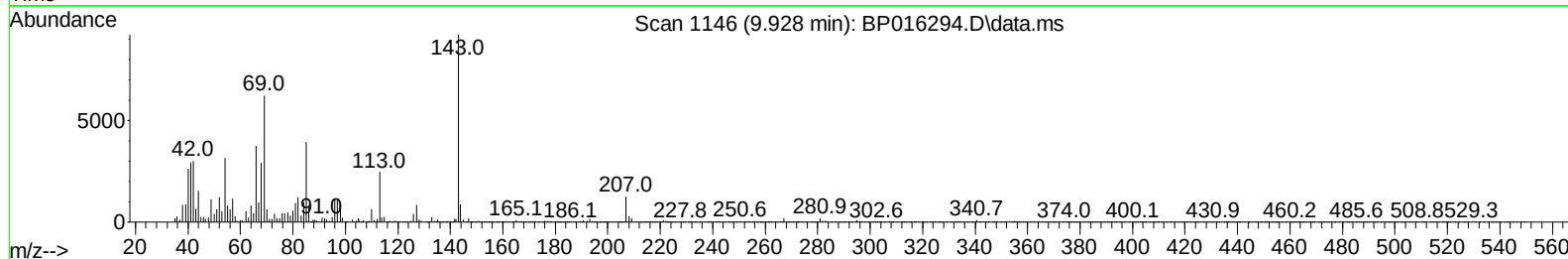
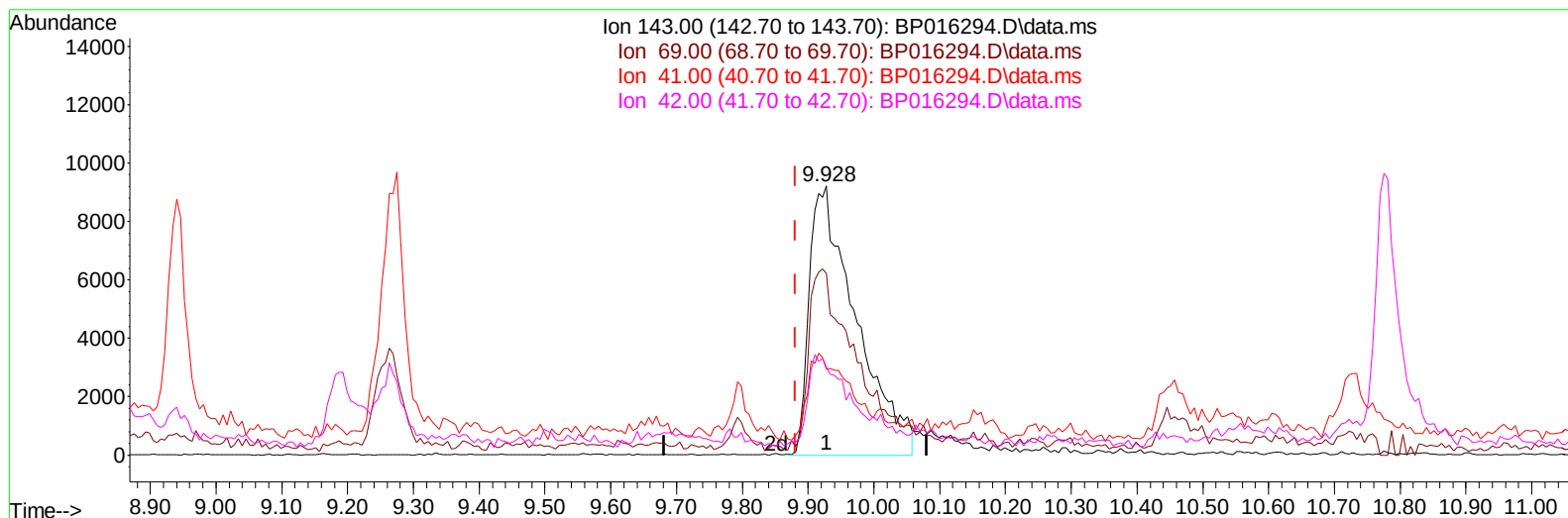
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:42:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.928min (+ 0.047) 8.03 ng/ul m

response 45516

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	67.50
41.00	28.60	31.91
42.00	29.20	32.69

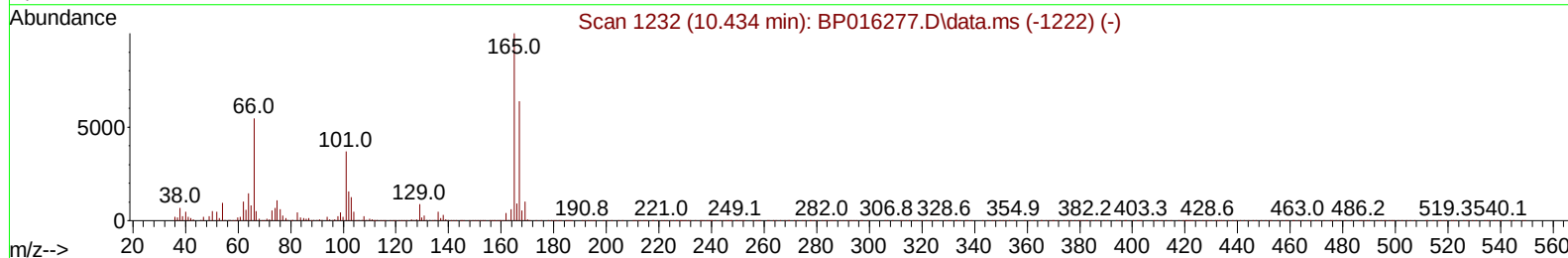
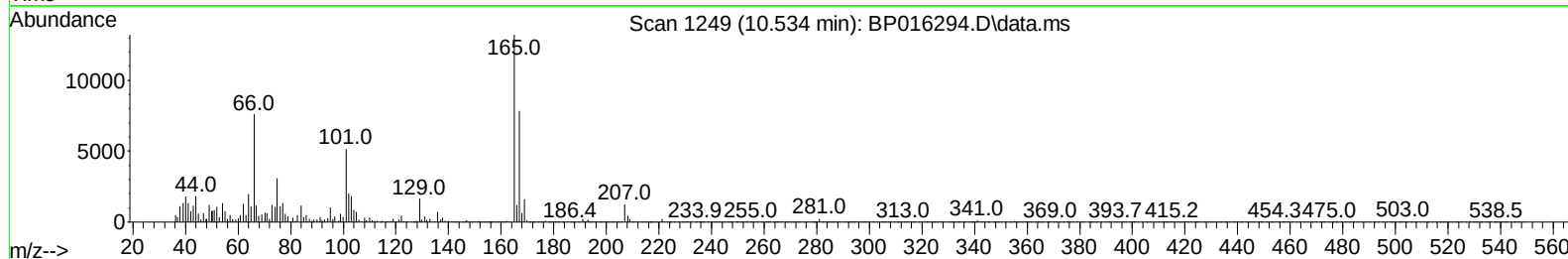
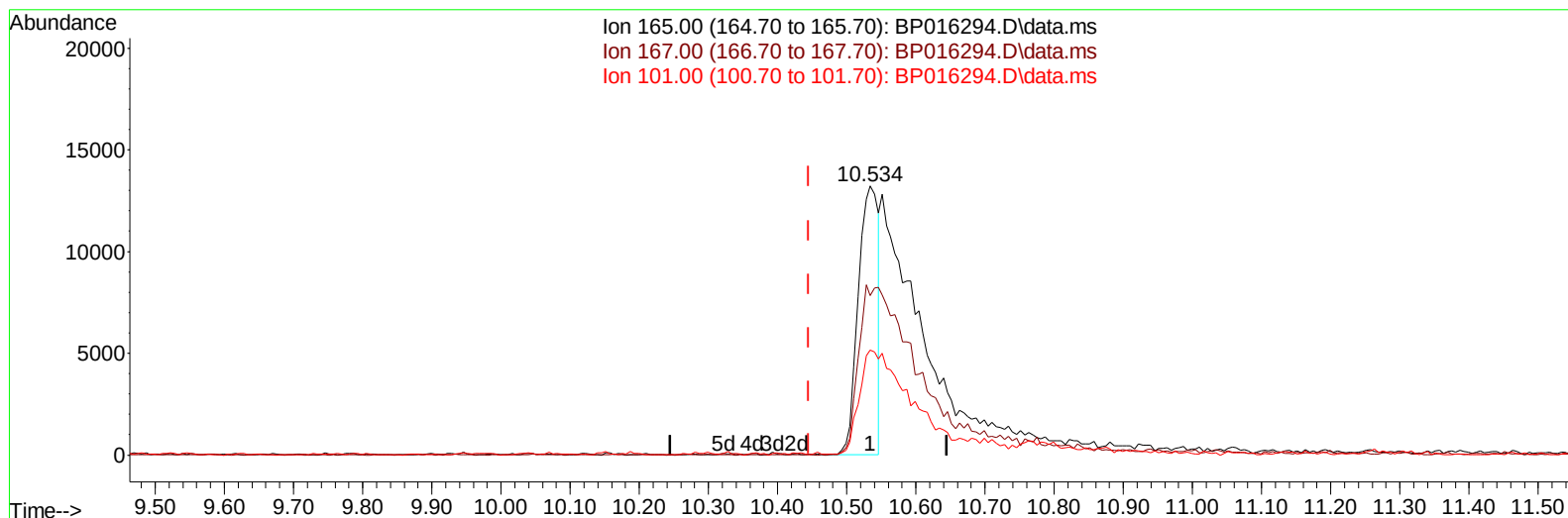
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:42:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016294.D\data.ms

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

10.534min (+ 0.088) 2.72 ng/ul

response 26685

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	59.21
101.00	38.50	39.03
0.00	0.00	0.00

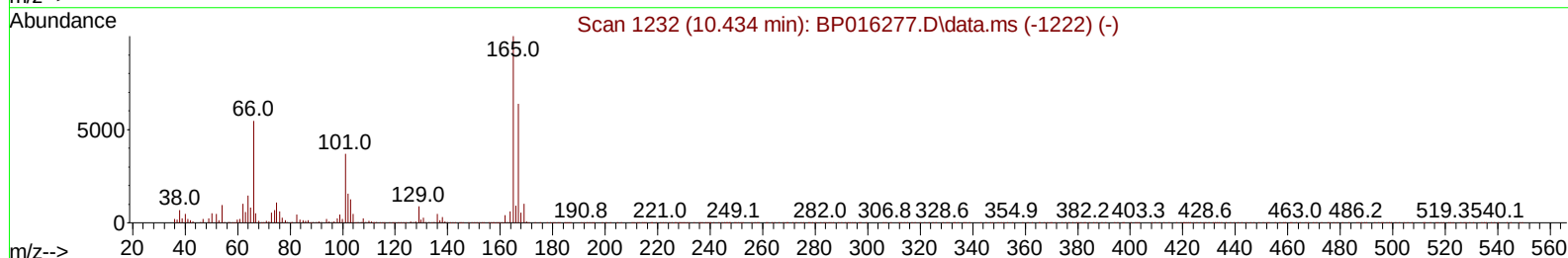
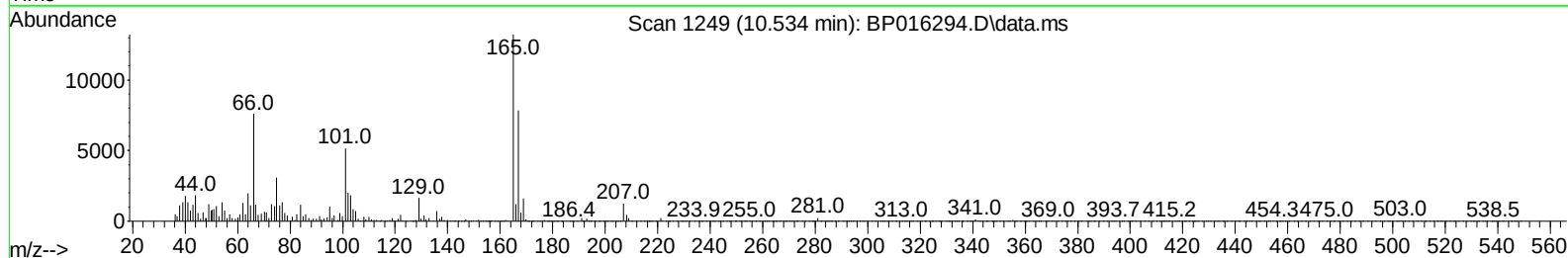
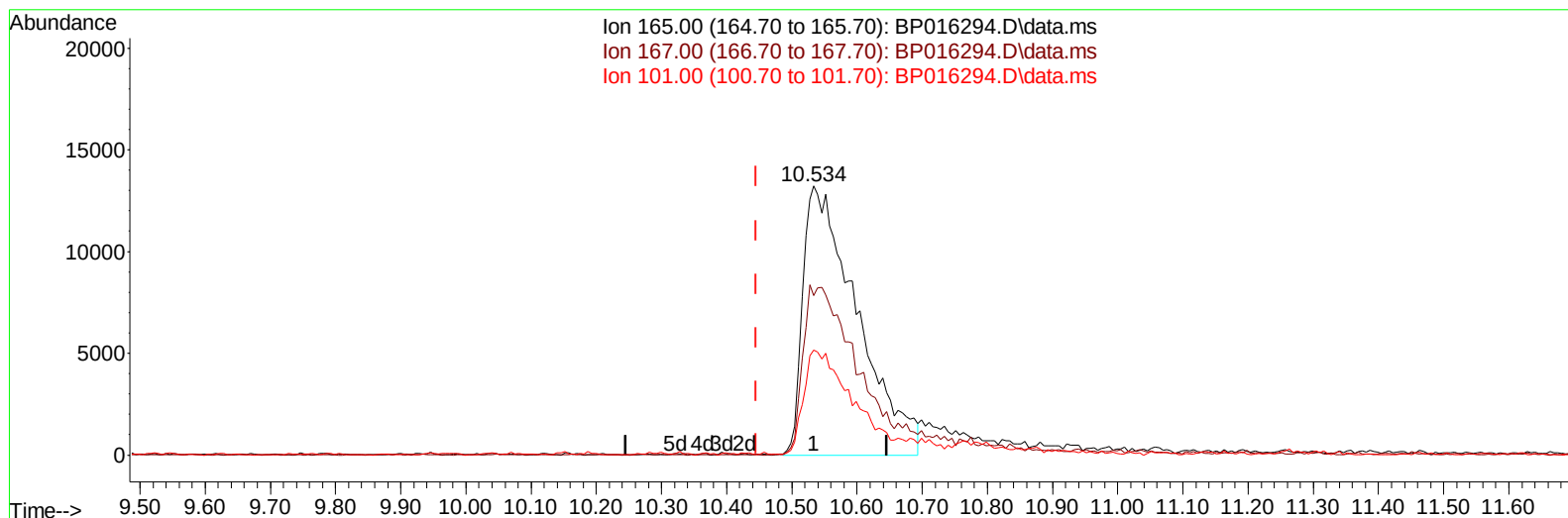
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Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:42:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

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

10.534min (+ 0.088) 7.74 ng/ul m

response 75909

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	59.21
101.00	38.50	39.03
0.00	0.00	0.00

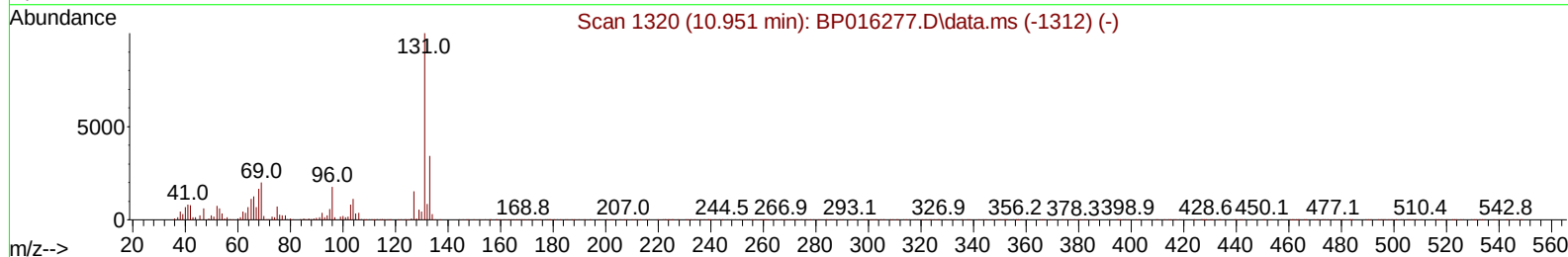
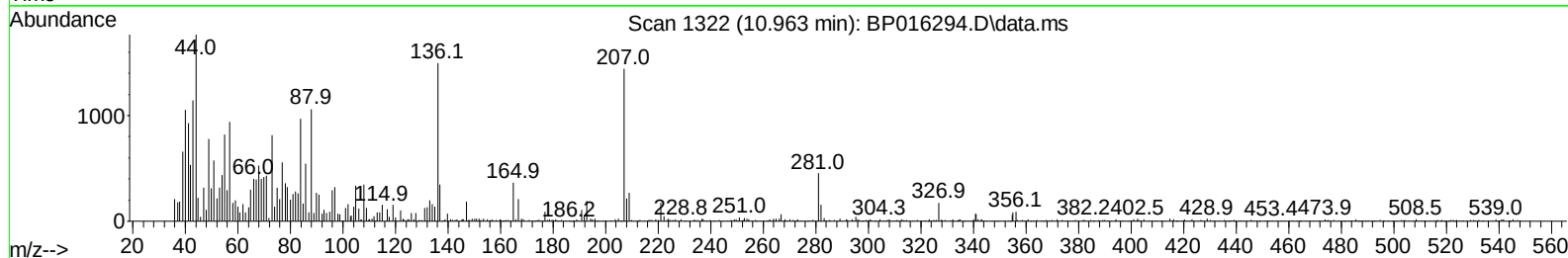
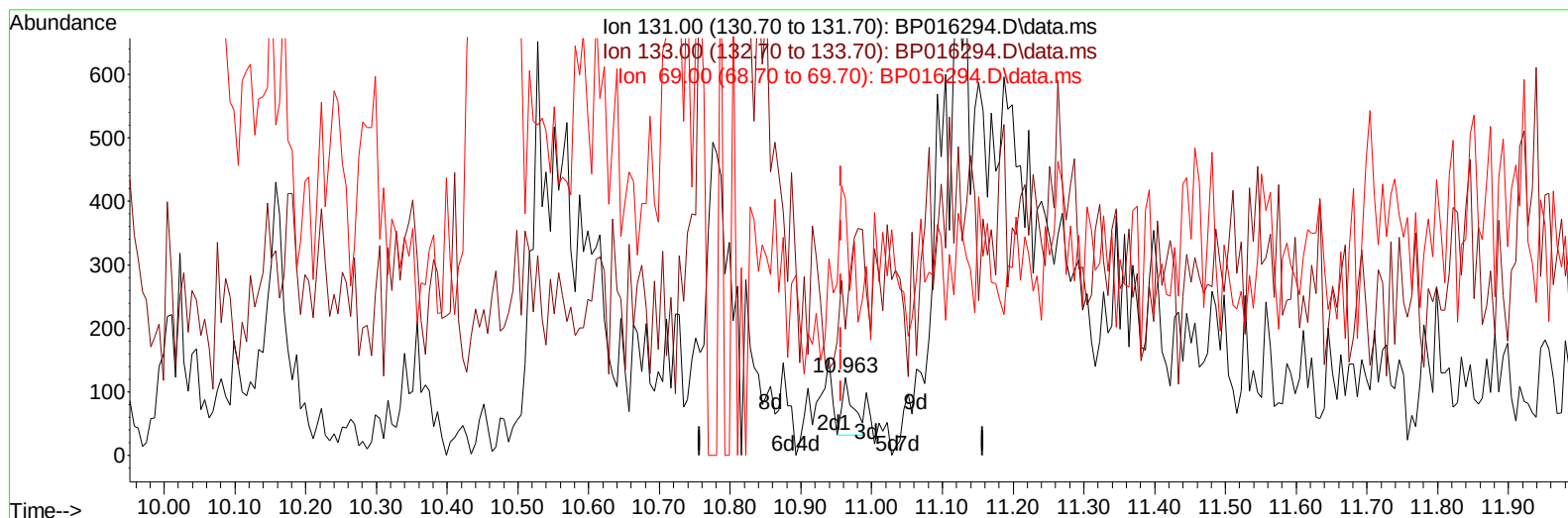
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:45:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.963min (+ 0.006) 0.01 ng/ul

response 97

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	161.79#
69.00	21.00	328.46#
0.00	0.00	0.00

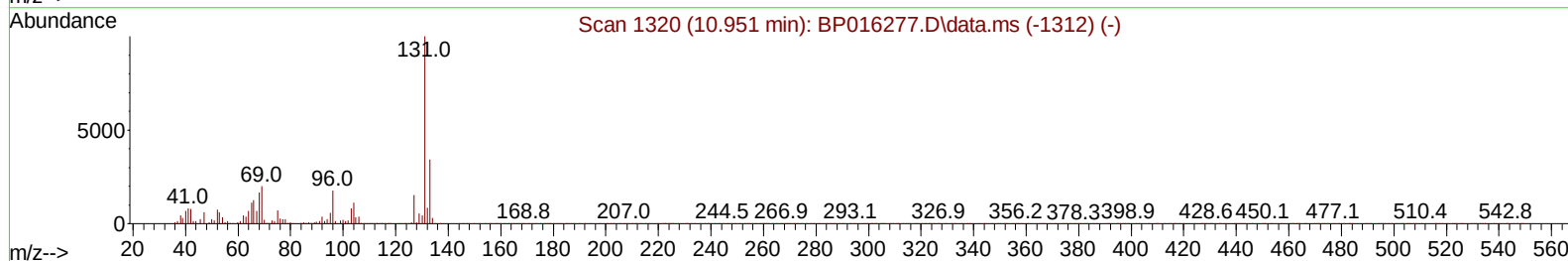
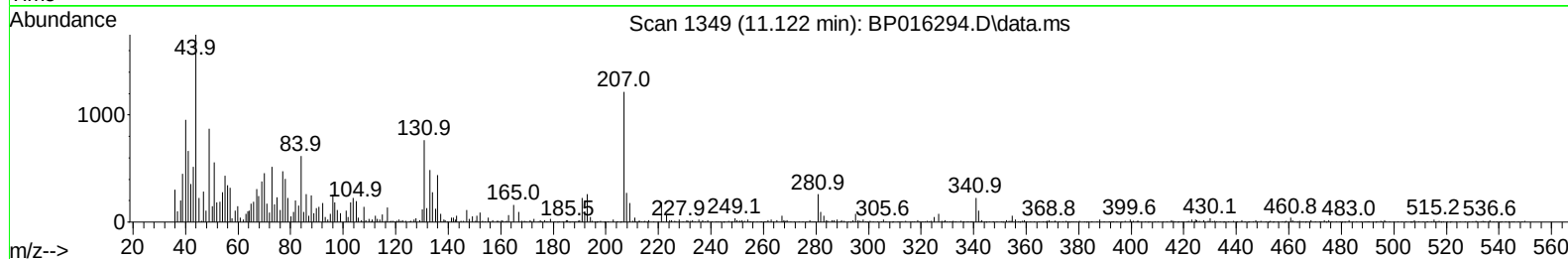
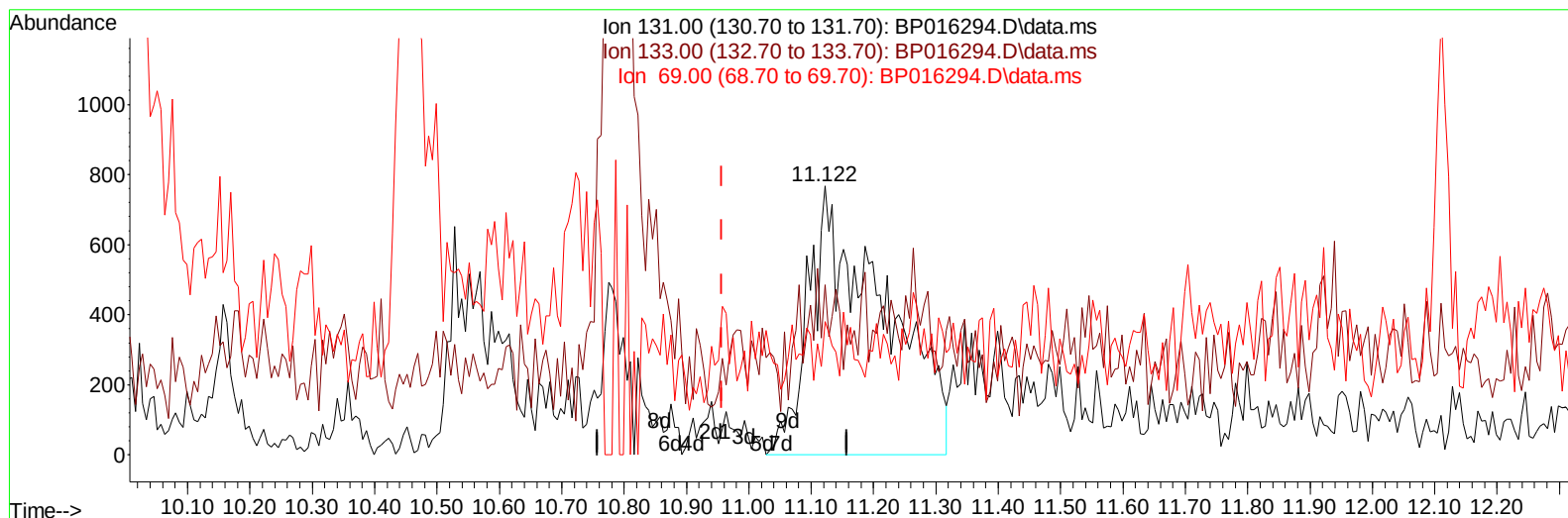
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:45:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.122min (+ 0.165) 0.41 ng/ul m

response 6386

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	63.36#
69.00	21.00	49.67#
0.00	0.00	0.00

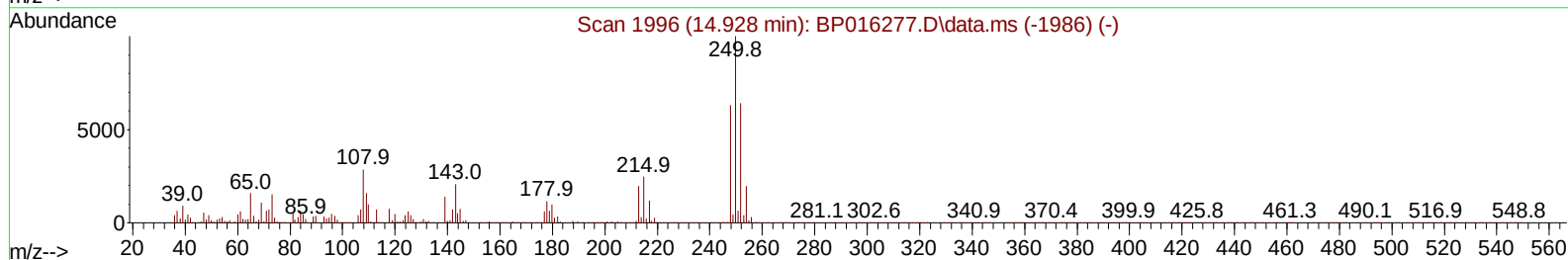
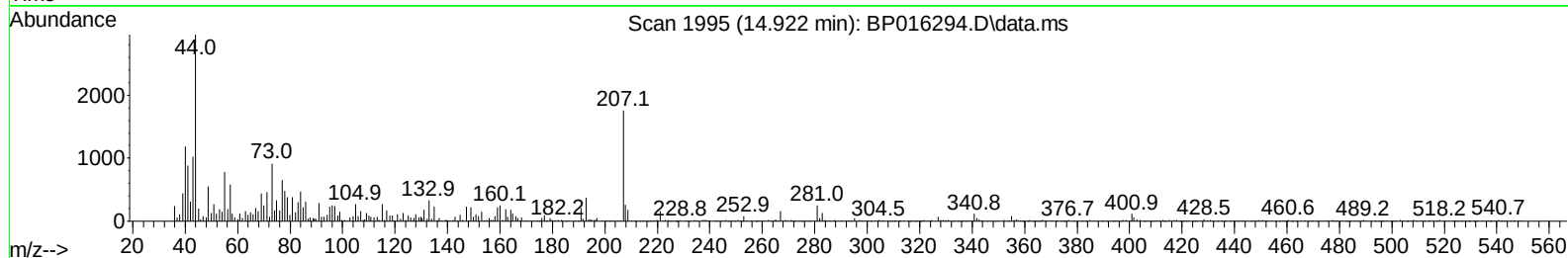
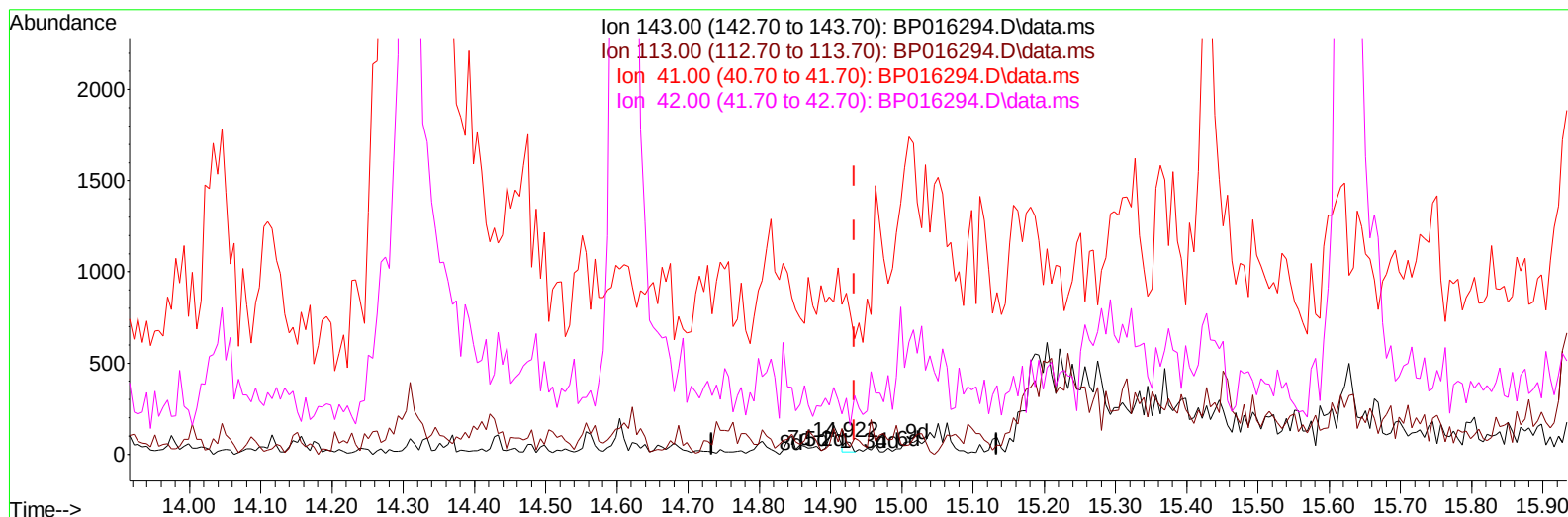
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:45:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.922min (-0.012) 0.01 ng/u1

response 39

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	100.00#
41.00	49.30	1317.91#
42.00	32.70	459.70#

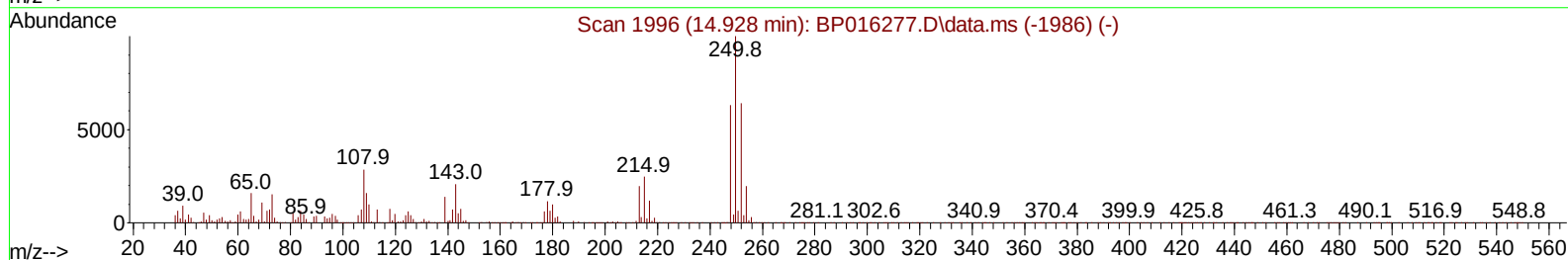
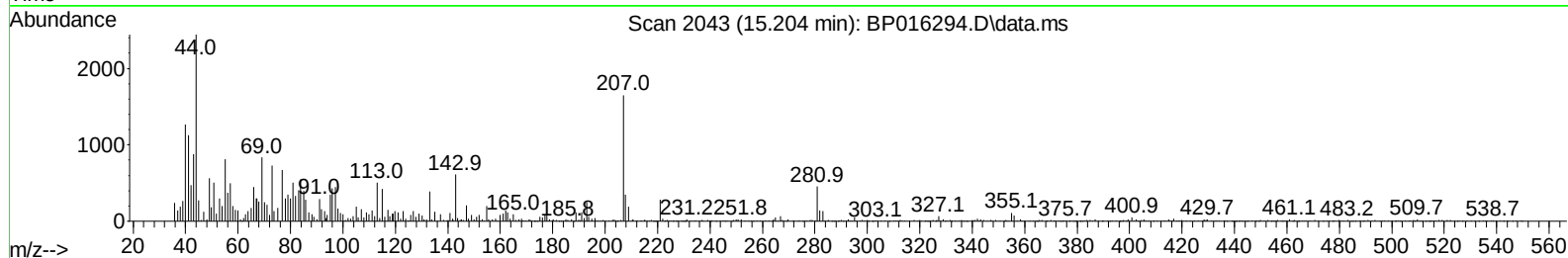
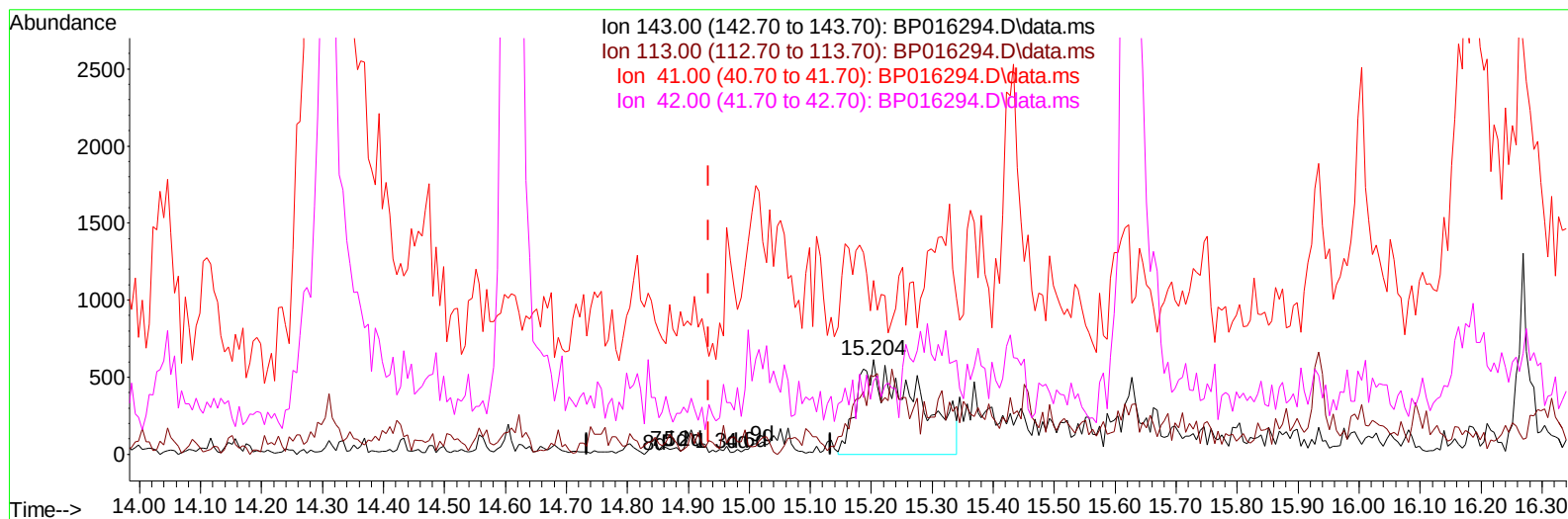
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016294.D
Acq On : 18 Jul 2023 14:47
Operator : MA/JU
Sample : 03458-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46N1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:45:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016294.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.204min (+ 0.271) 0.55 ng/ul m

response 4085

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	81.89
41.00	49.30	184.01#
42.00	32.70	77.32#

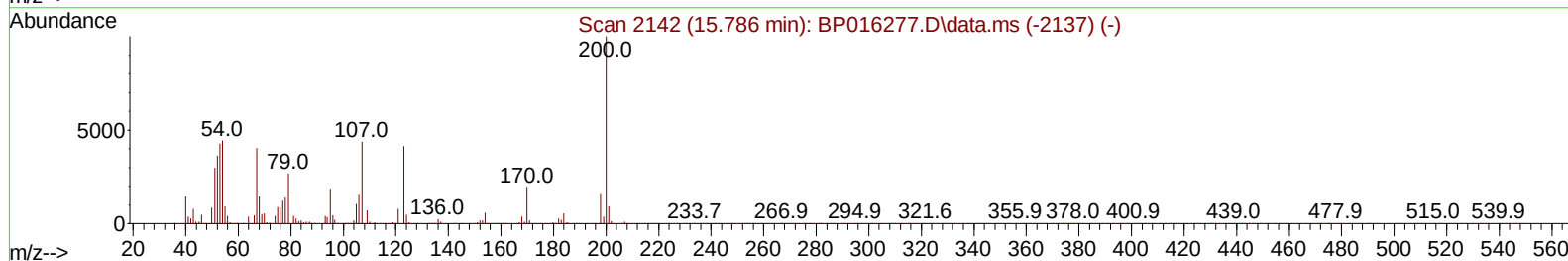
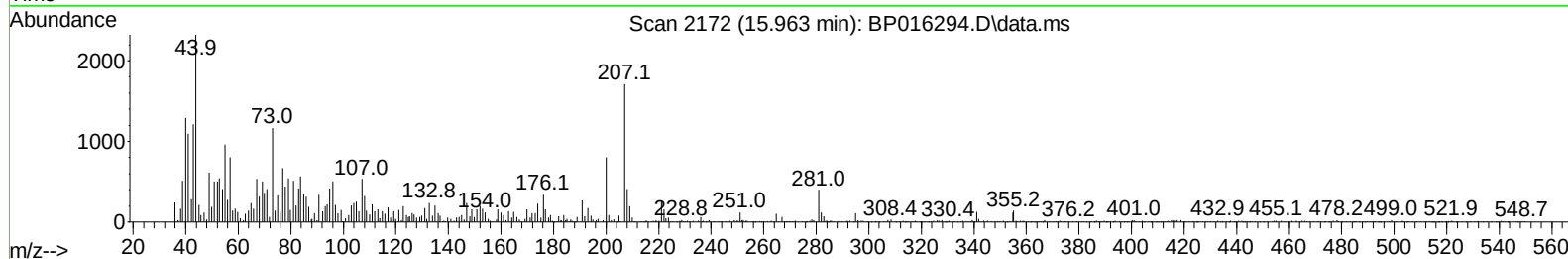
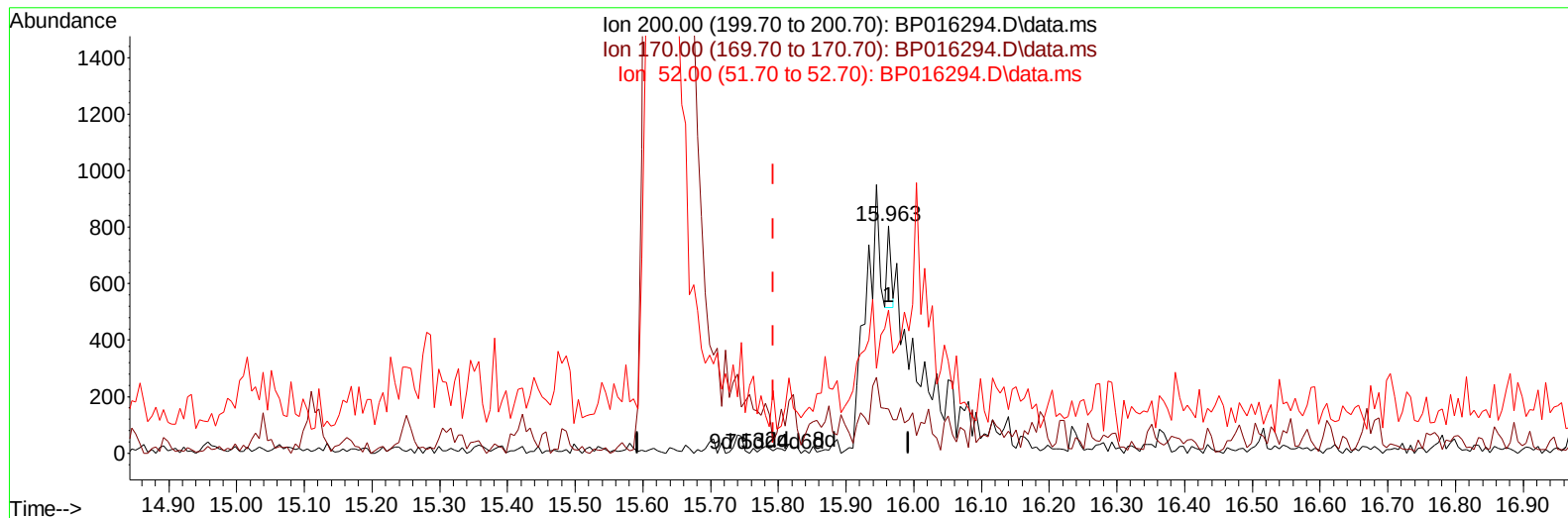
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.963min (+ 0.171) 0.02 ng/u1

response 112

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.40
52.00	58.00	62.94
0.00	0.00	0.00

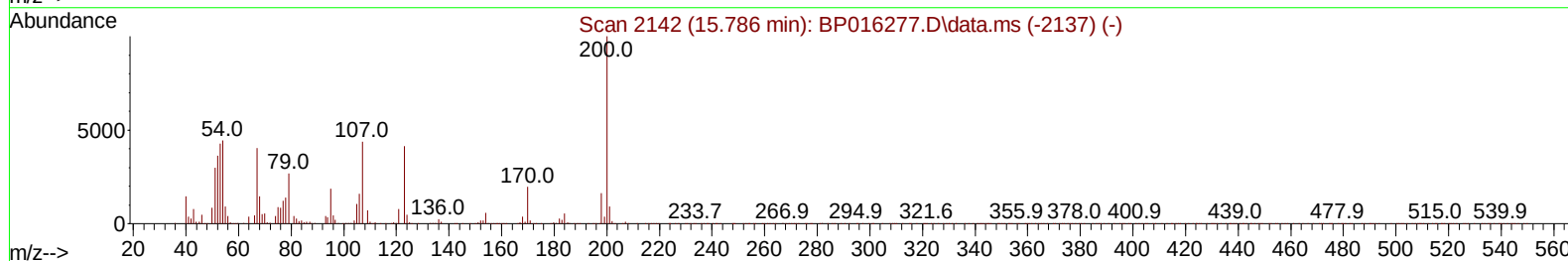
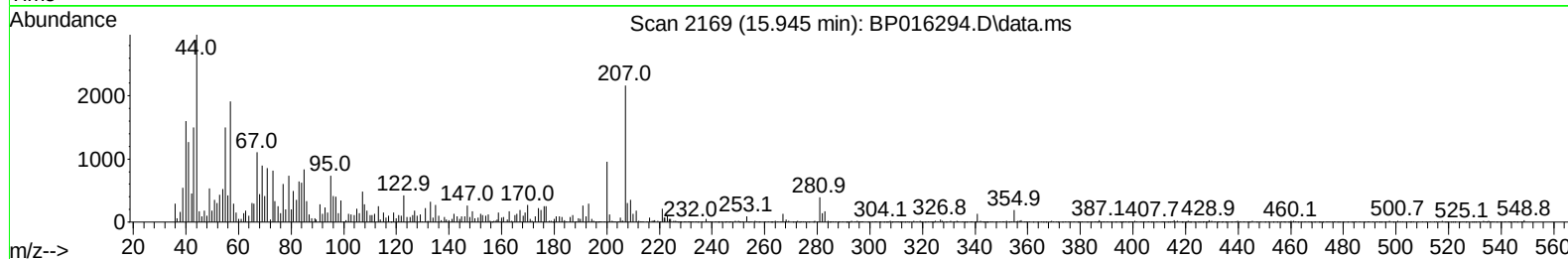
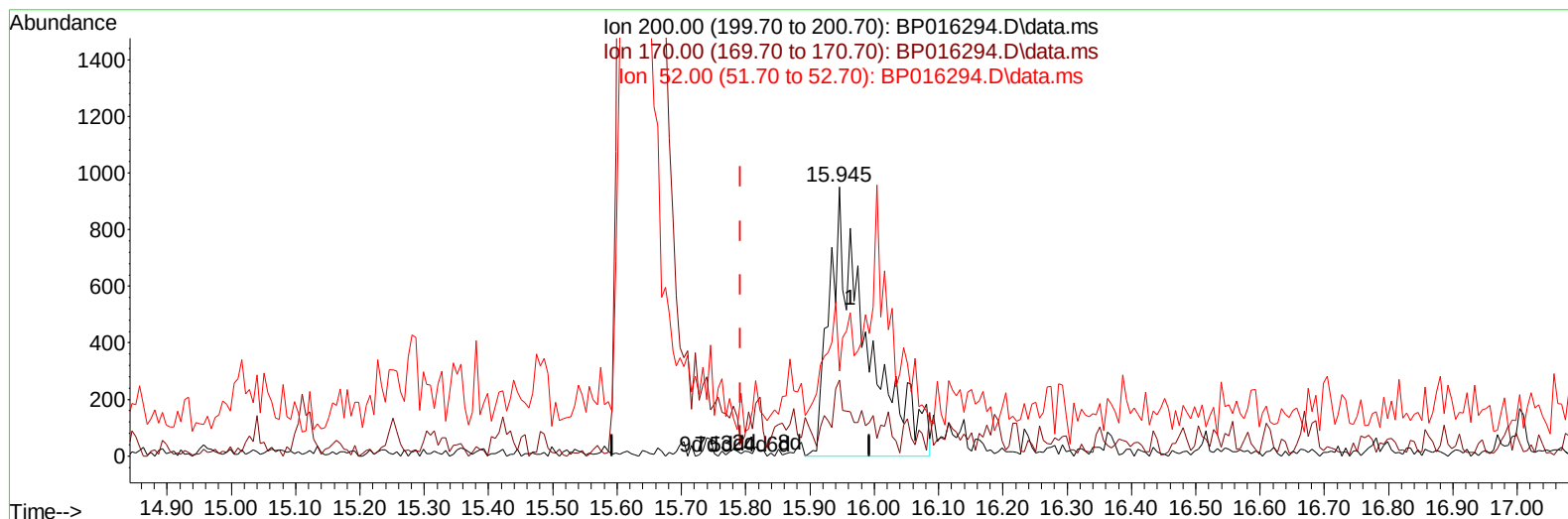
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016294.D
 Acq On : 18 Jul 2023 14:47
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016294.D\data.ms

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

15.945min (+ 0.153) 0.59 ng/ul m

response 3870

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	28.26#
52.00	58.00	31.41#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:08:12 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	156640	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	720581	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	477446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1136044	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1211697	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	1253700	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	7962m	1.799	ng/uL	0.00
4) Pyridine-d5	3.769	84	40036m	3.626	ng/ul	0.03
7) Phenol-d5	7.181	99	90957	6.429	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.299	67	71647	7.489	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	83910	8.216	ng/ul	0.01
15) 4-Methylphenol-d8	8.816	113	25387m	2.227	ng/ul	0.11
21) Nitrobenzene-d5	9.181	128	38622	7.769	ng/ul	0.03
24) 2-Nitrophenol-d4	9.928	143	45516m	8.033	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.534	165	75909m	7.737	ng/ul	0.09
31) 4-Chloroaniline-d4	11.122	131	6386m	0.406	ng/ul	0.16
46) Dimethylphthalate-d6	14.040	166	359284	9.865	ng/ul	0.01
49) Acenaphthylene-d8	14.310	160	354811	8.890	ng/ul	0.00
54) 4-Nitrophenol-d4	15.204	143	4085m	0.550	ng/ul	0.27
60) Fluorene-d10	15.622	176	328341	10.772	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.945	200	3870m	0.590	ng/ul	0.15
73) Anthracene-d10	17.498	188	352547	7.095	ng/ul	0.02
81) Pyrene-d10	19.716	212	461072	7.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	165692	2.752	ng/ul	0.00
Target Compounds						
						Qvalue
16) Acetophenone	8.846	105	62063	3.302	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.763	70	17589	1.746	ng/ul#	65
80) Fluoranthene	19.398	202	118799	1.616	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.327	149	108000	2.135	ng/ul	99

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

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