

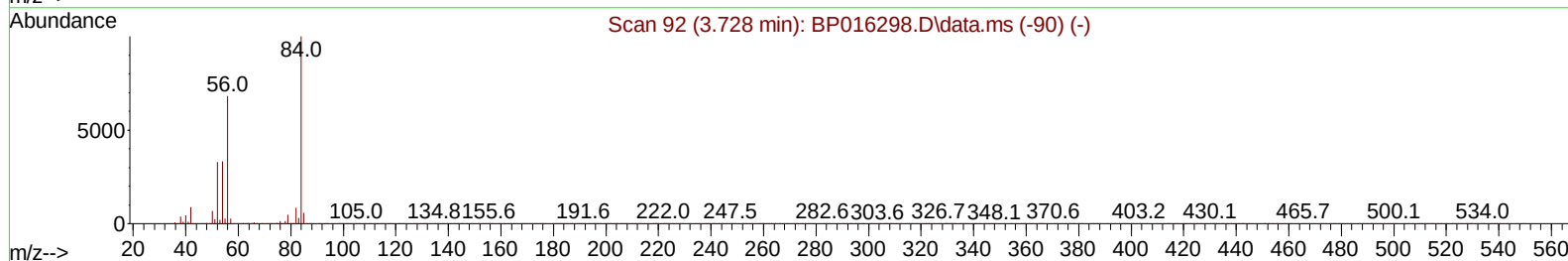
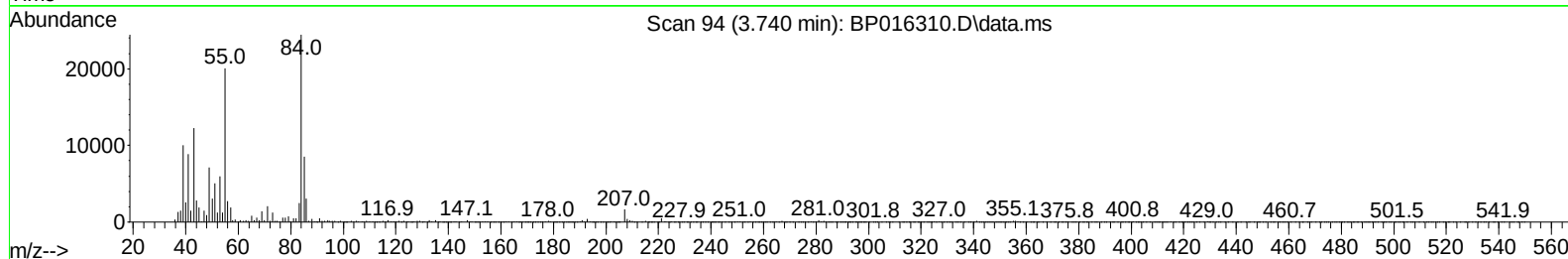
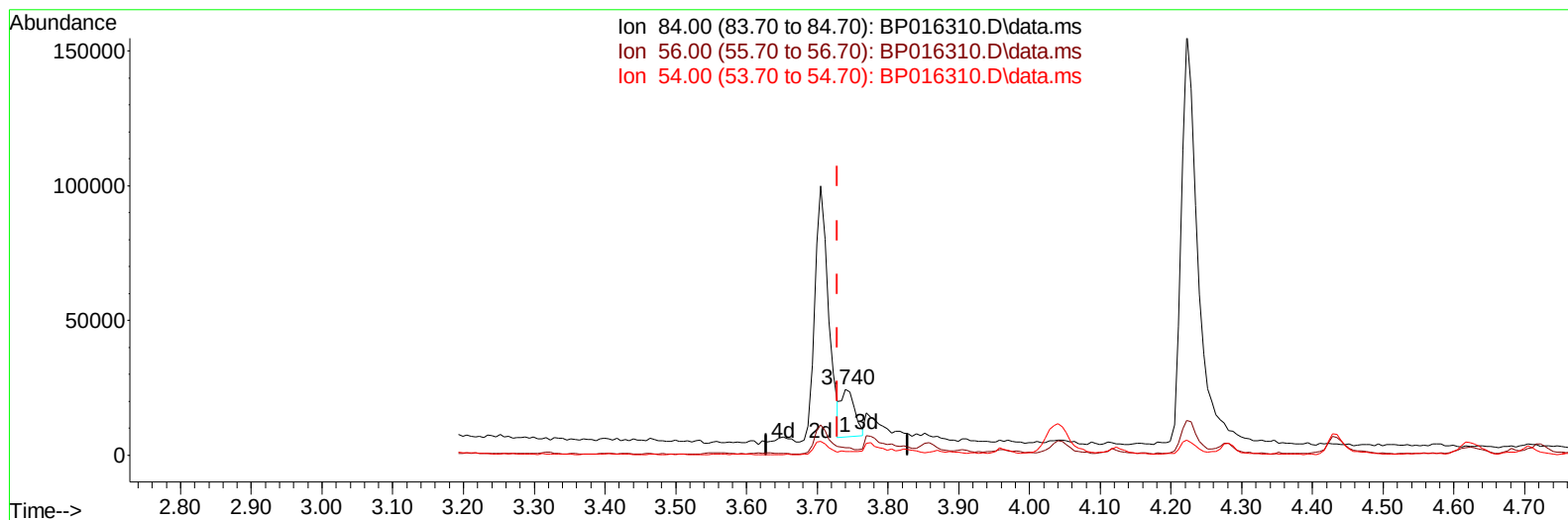
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

(4) Pyridine-d5 (S)

3.740min (+ 0.012) 1.43 ng/ul

response 23123

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	11.35#
54.00	32.50	5.10#
0.00	0.00	0.00

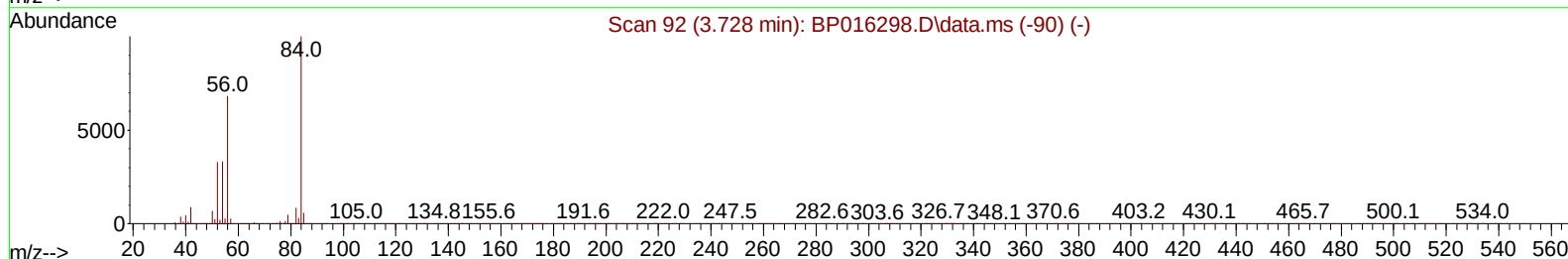
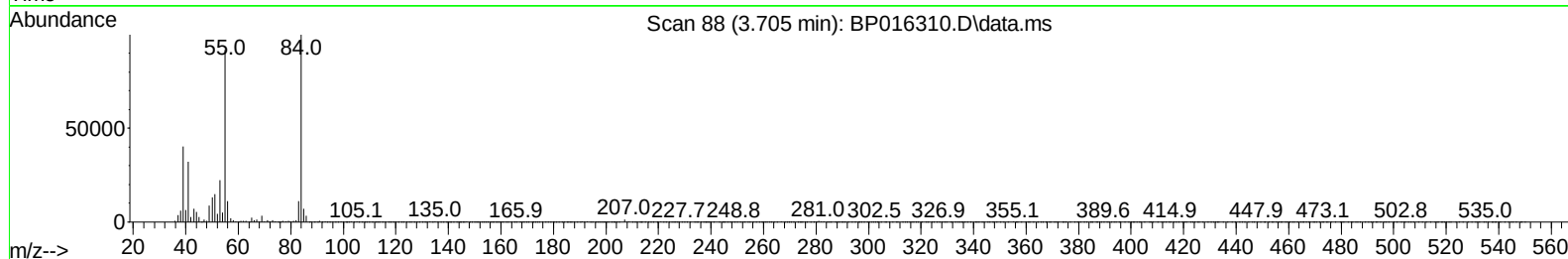
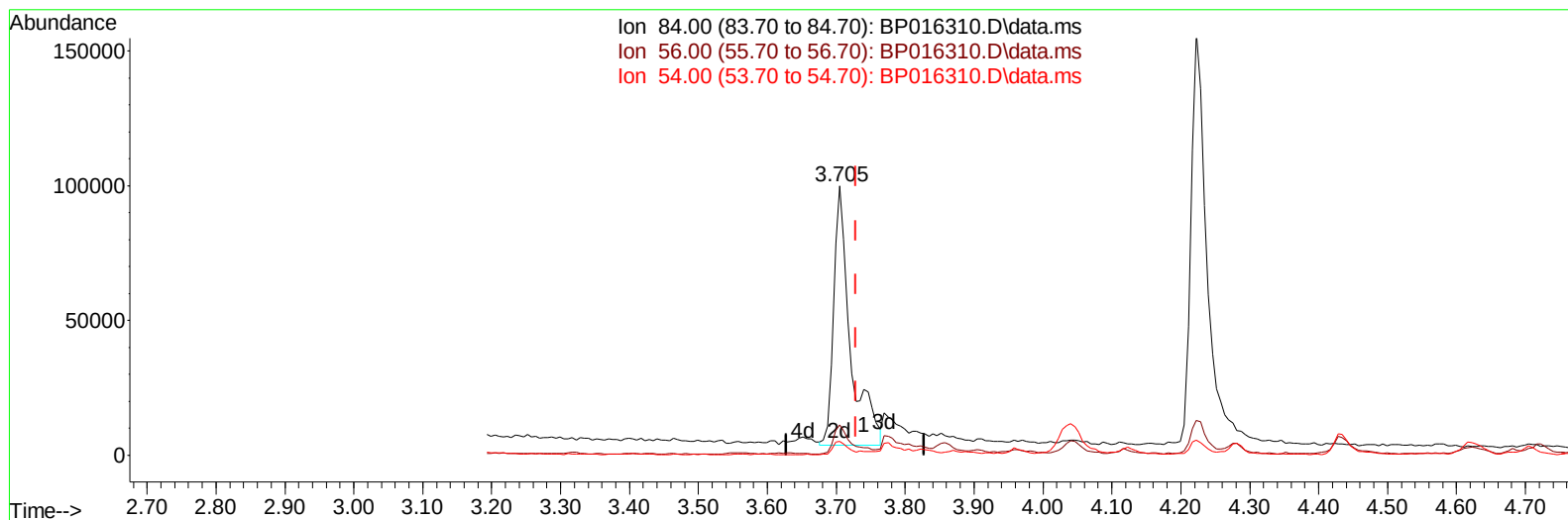
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016310.D\data.ms

(4) Pyridine-d5 (S)

3.705min (-0.023) 10.01 ng/ul m

response 162429

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	11.32#
54.00	32.50	5.16#
0.00	0.00	0.00

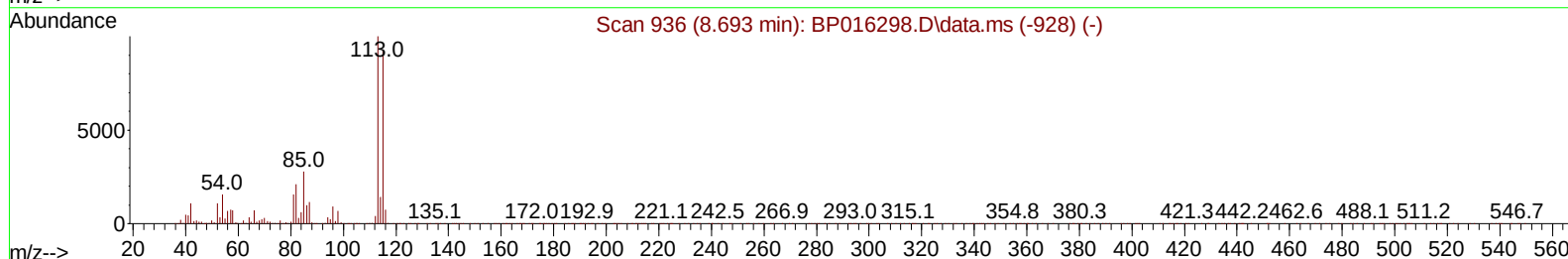
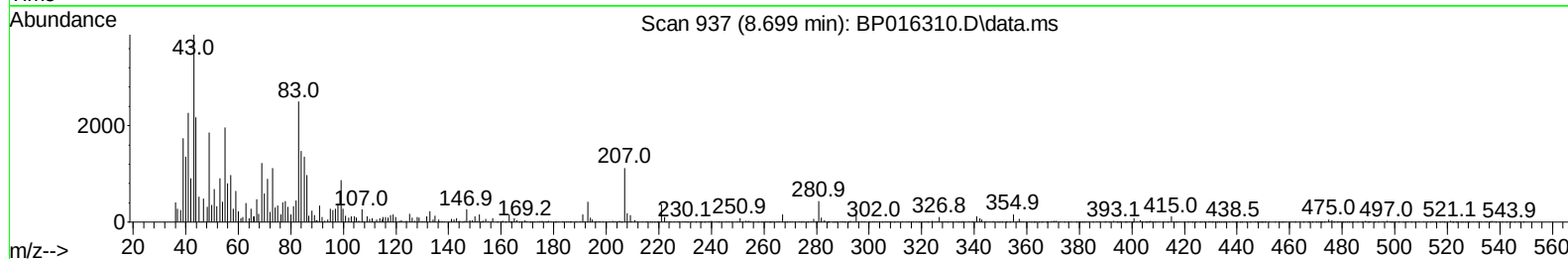
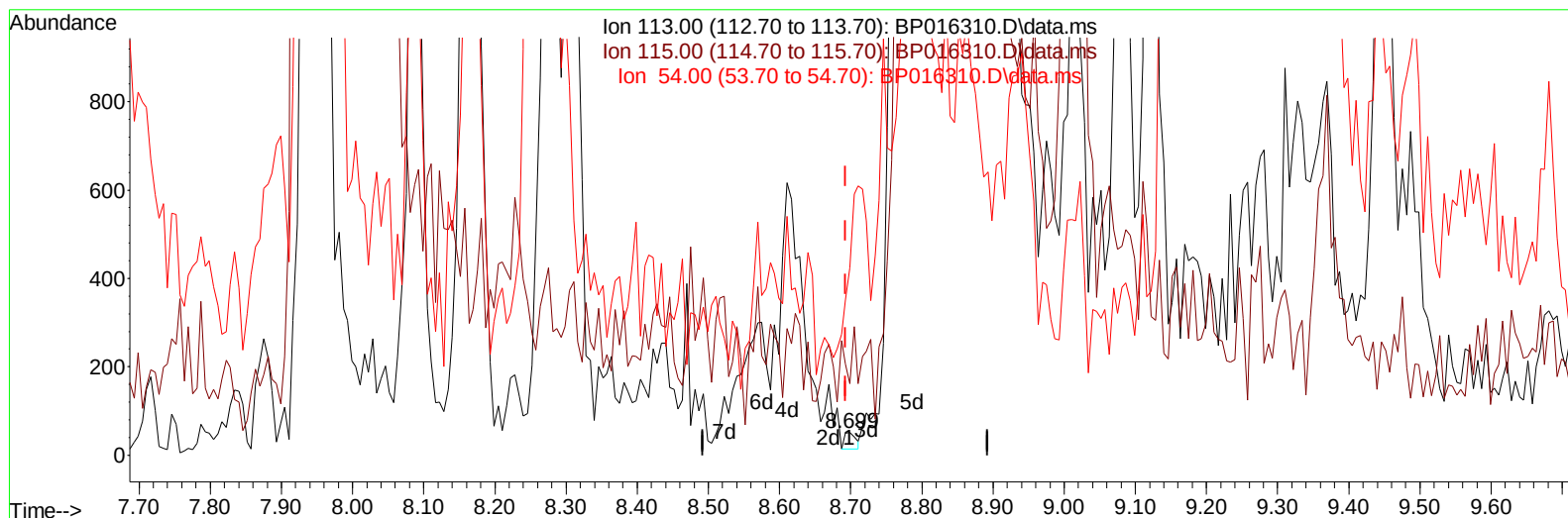
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016310.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.699min (+ 0.006) 0.00 ng/uL

response 43

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	315.69#
54.00	16.30	831.37#
0.00	0.00	0.00

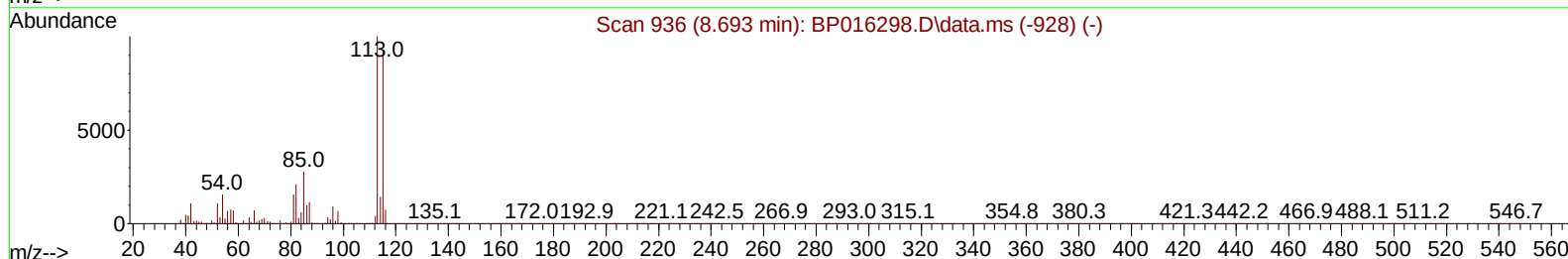
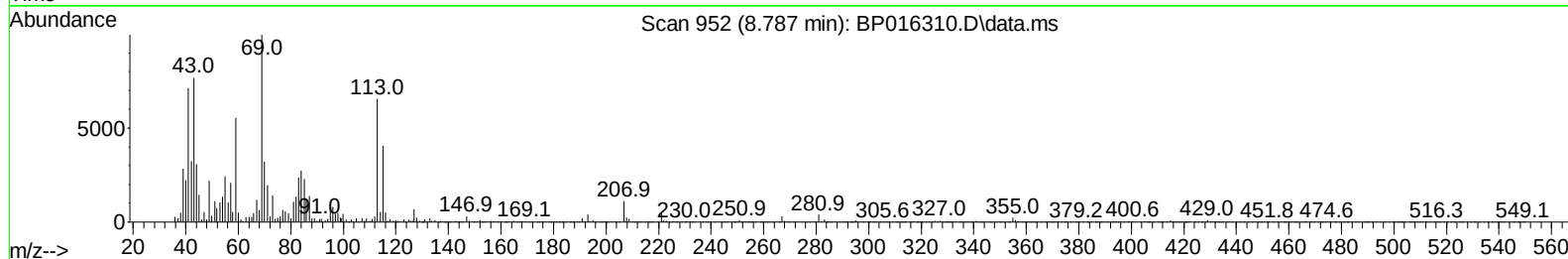
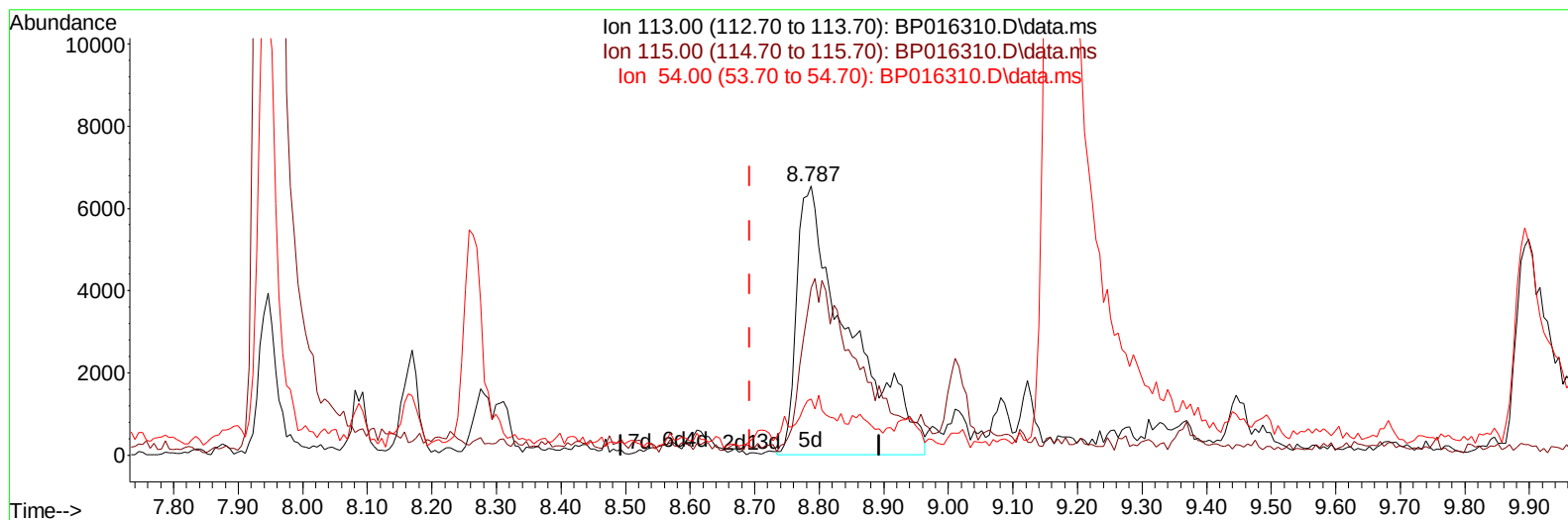
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.787min (+ 0.094) 2.21 ng/ul m

response 36973

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	62.05#
54.00	16.30	20.87#
0.00	0.00	0.00

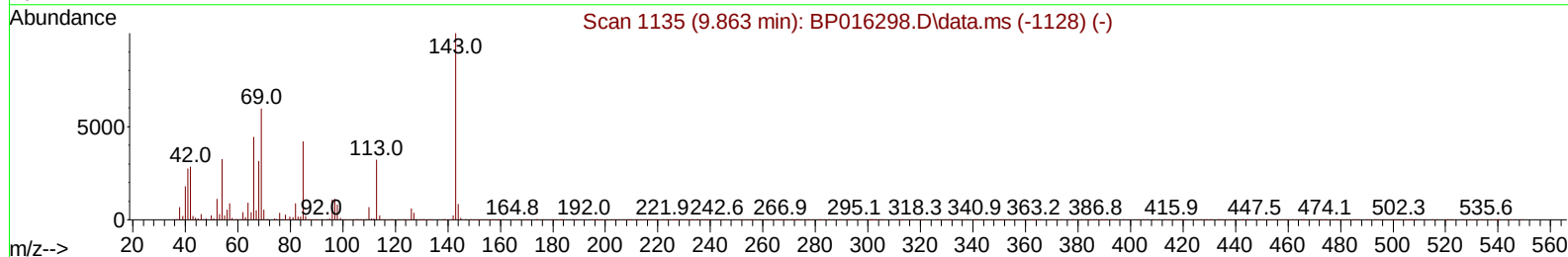
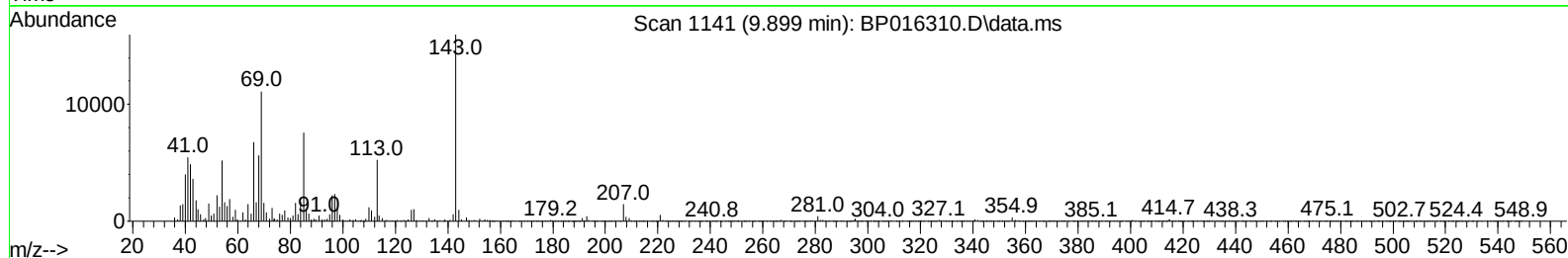
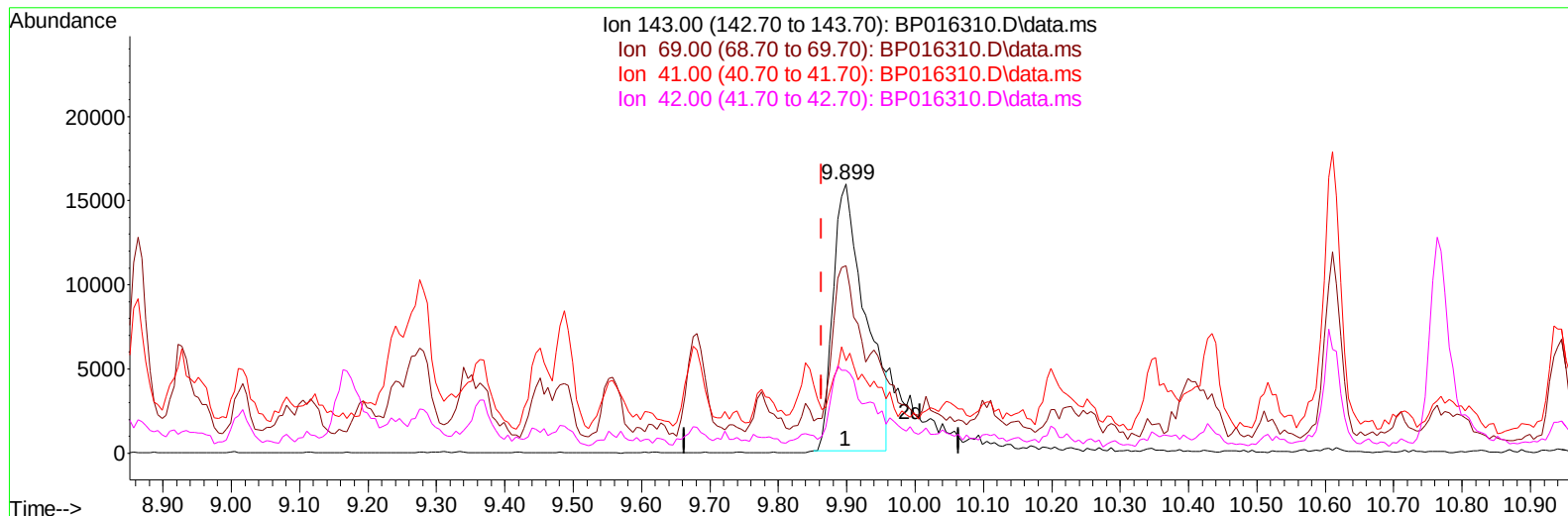
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016310.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.899min (+ 0.035) 8.36 ng/uL

response 51909

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	69.67
41.00	28.60	34.24
42.00	29.20	30.68

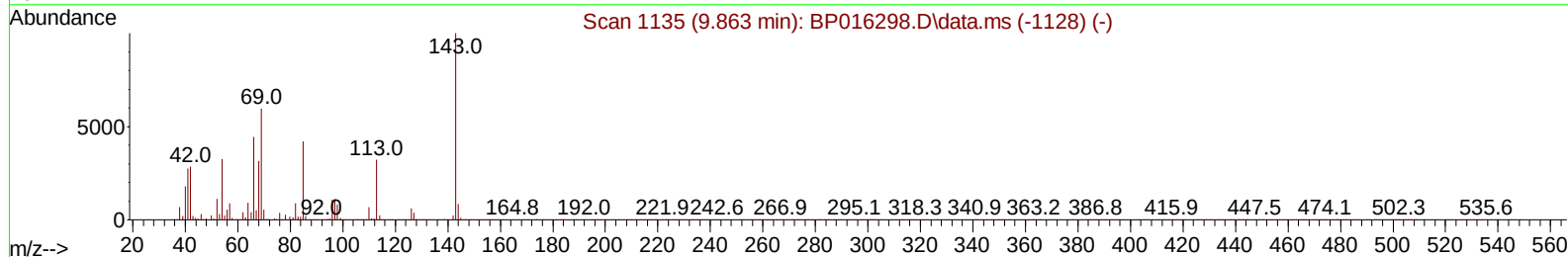
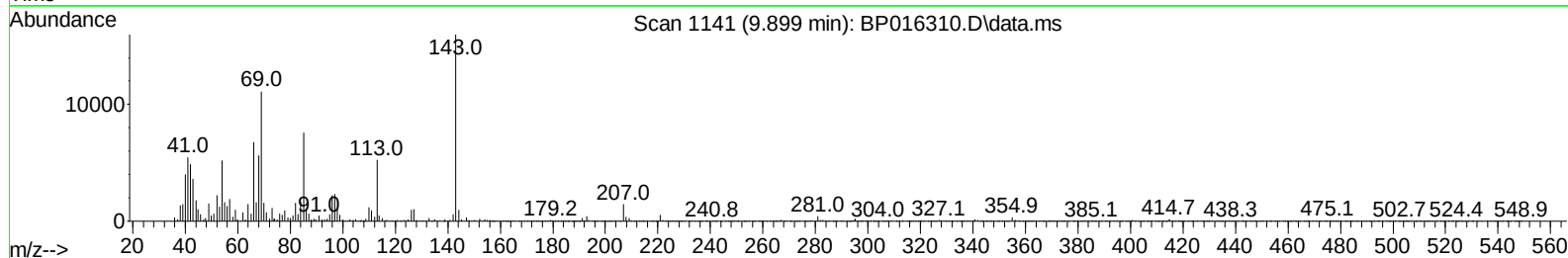
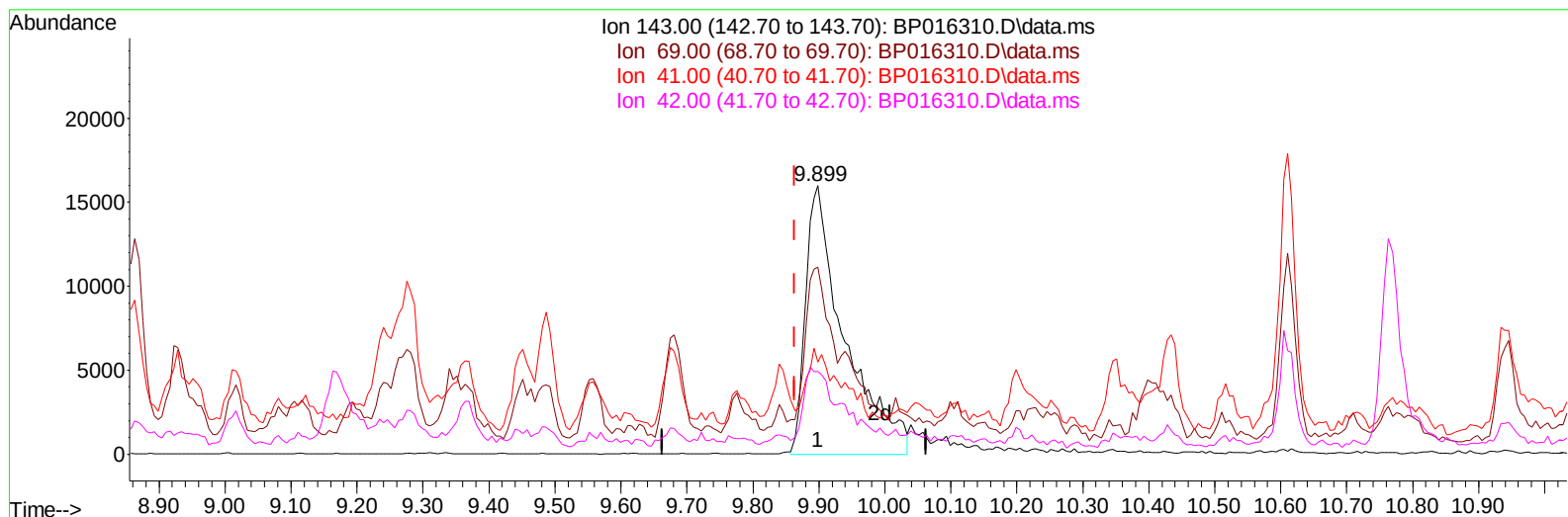
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.899min (+ 0.035) 10.50 ng/ul m

response 65143

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	69.67
41.00	28.60	34.24
42.00	29.20	30.68

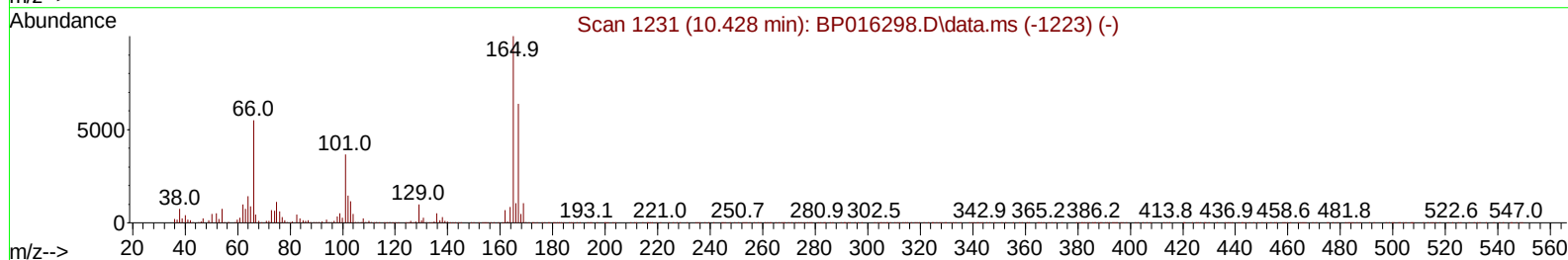
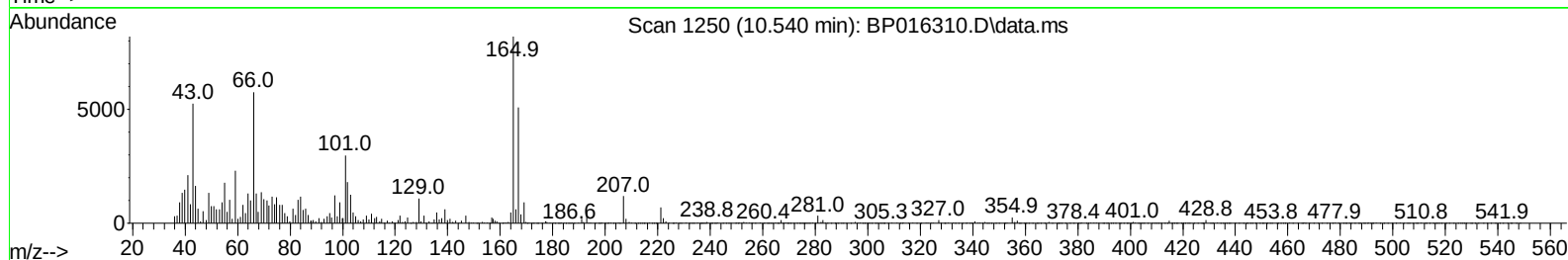
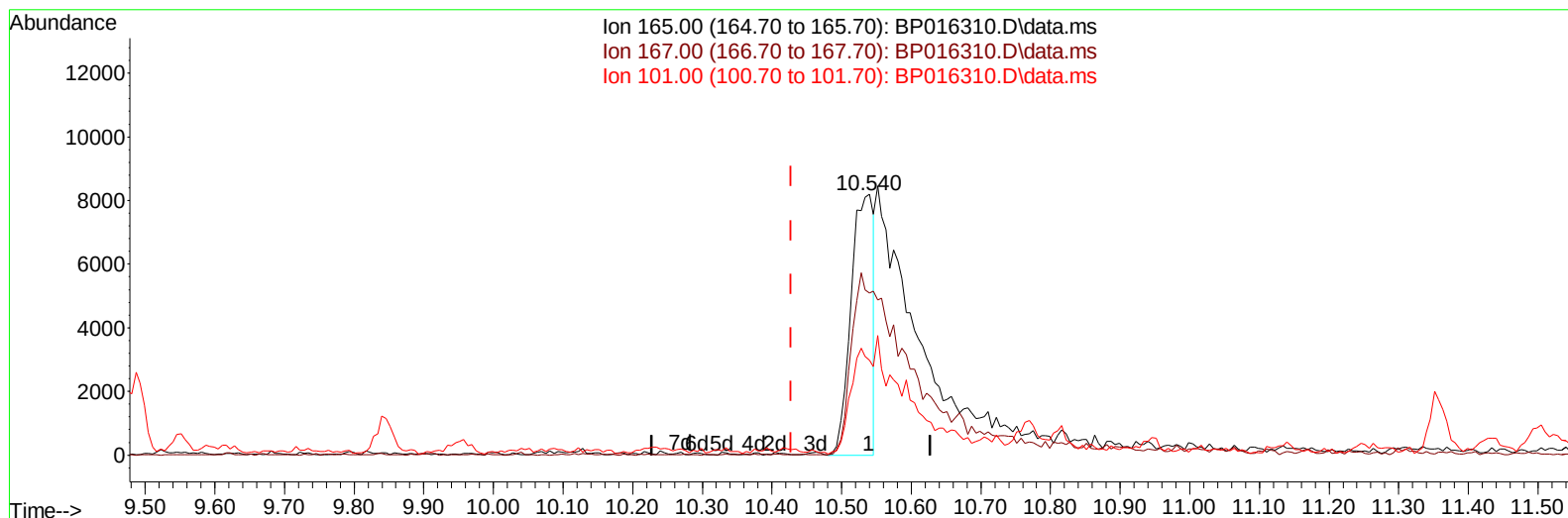
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016310.D\data.ms

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

10.540min (+ 0.112) 1.72 ng/ul

response 18441

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	62.02
101.00	38.50	36.43
0.00	0.00	0.00

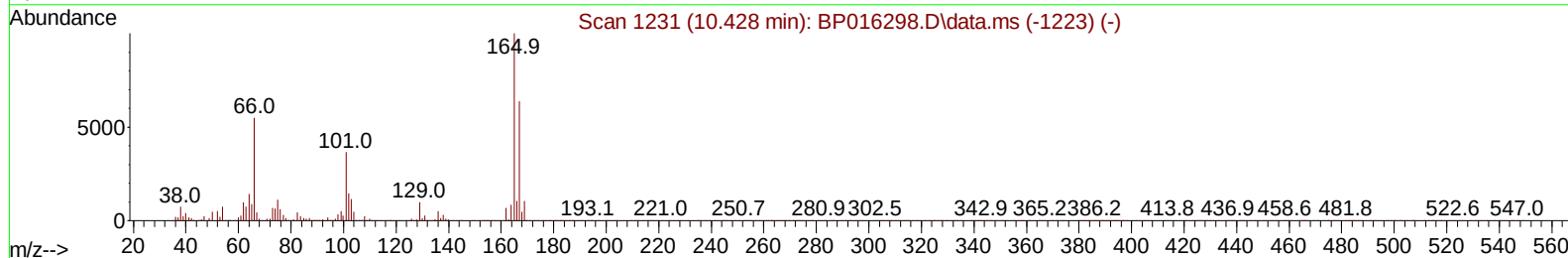
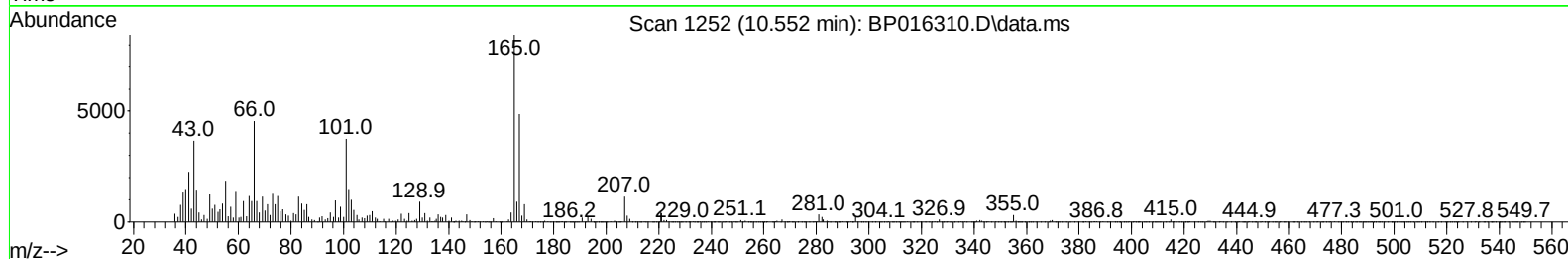
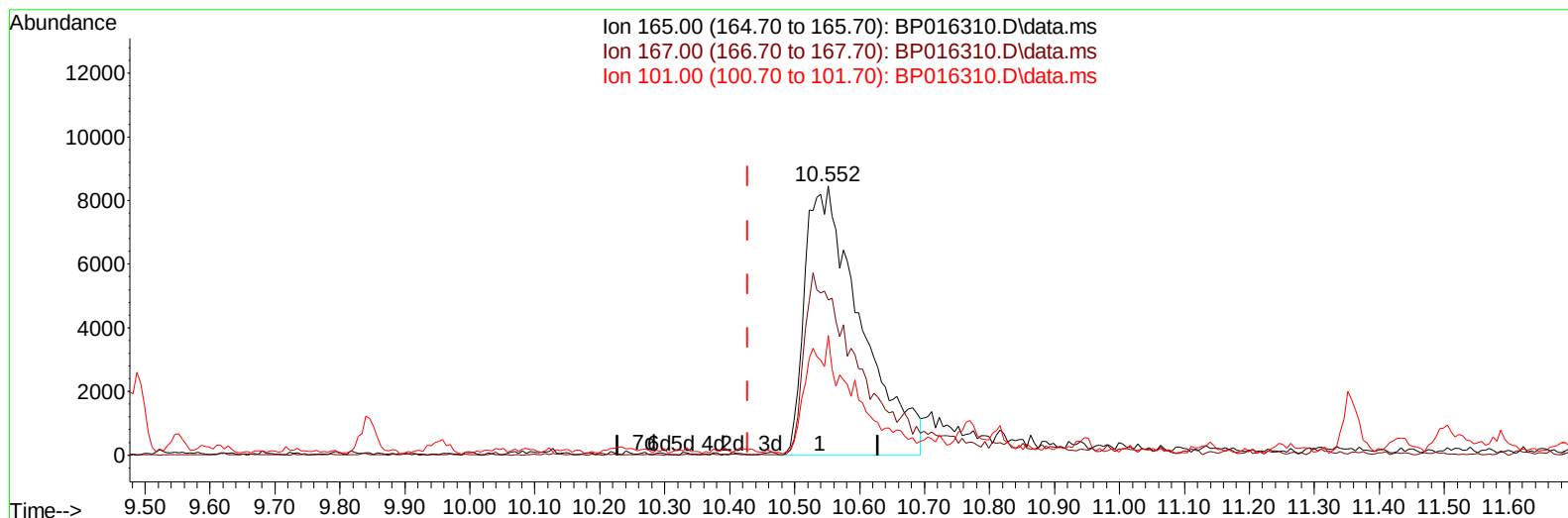
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

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

10.552min (+ 0.124) 4.69 ng/ul m

response 50462

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	57.72
101.00	38.50	44.37
0.00	0.00	0.00

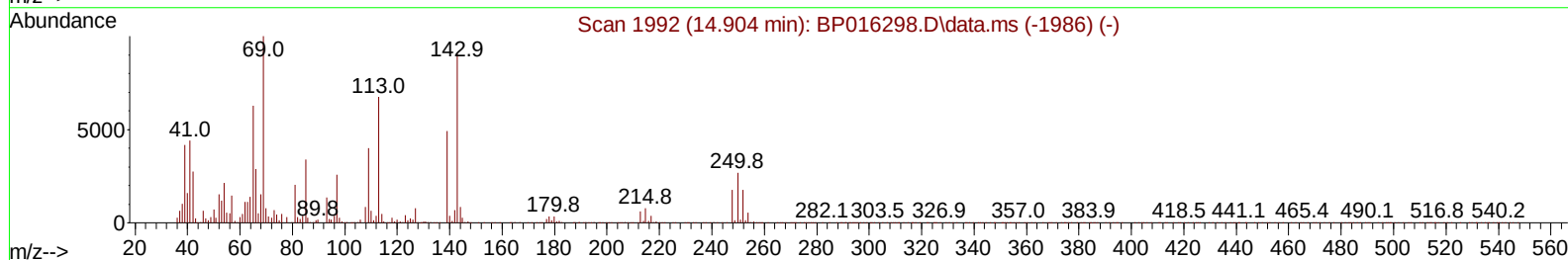
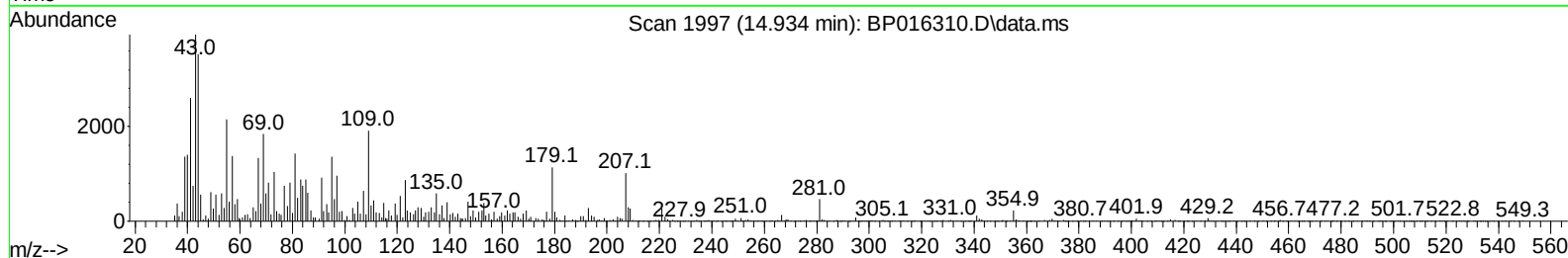
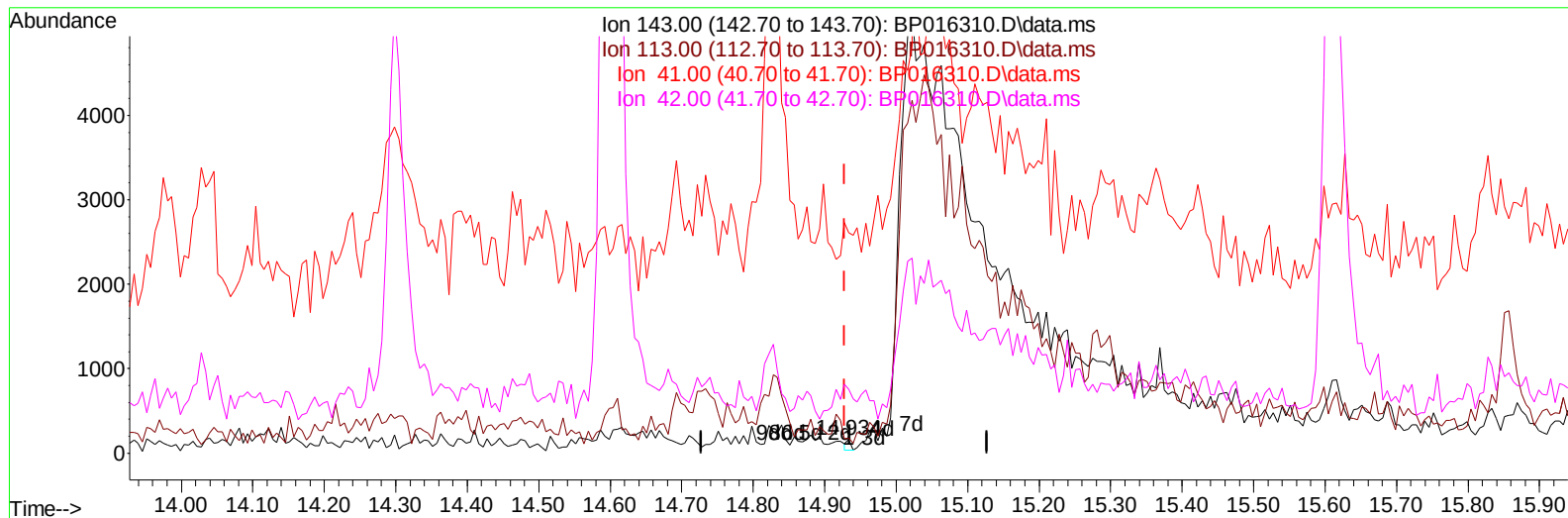
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.934min (+ 0.006) 0.00 ng/ul

response 45

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	106.71#
41.00	49.30	1590.85#
42.00	32.70	459.15#

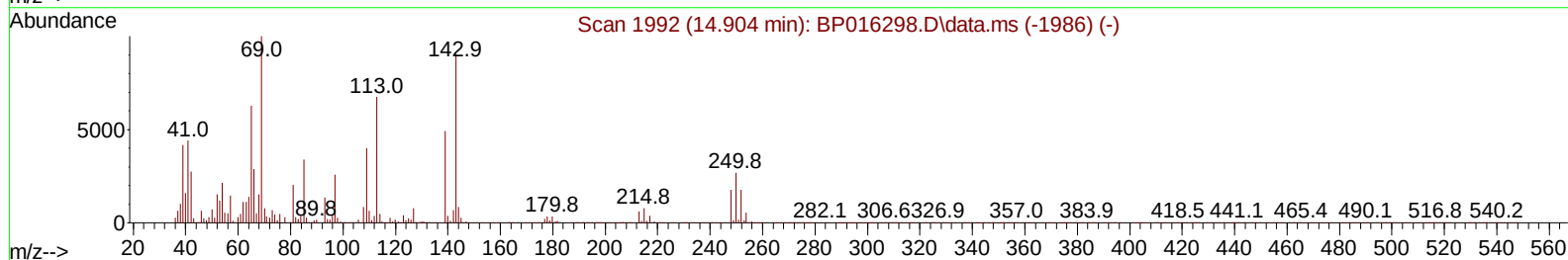
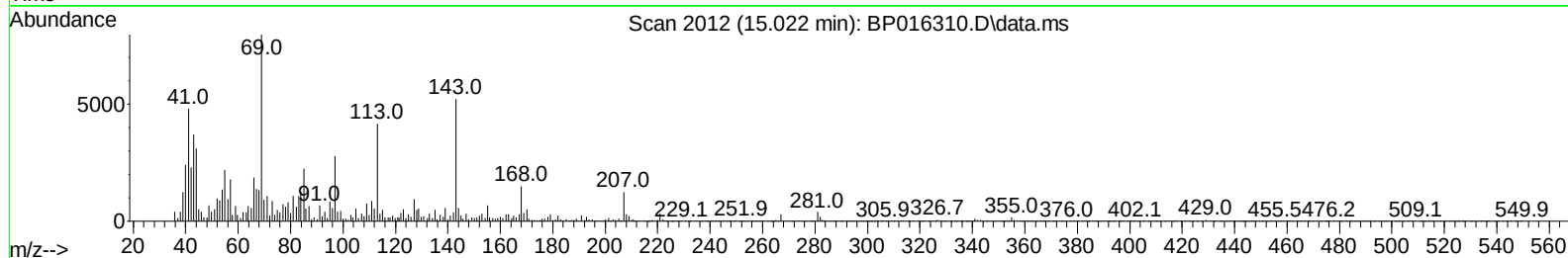
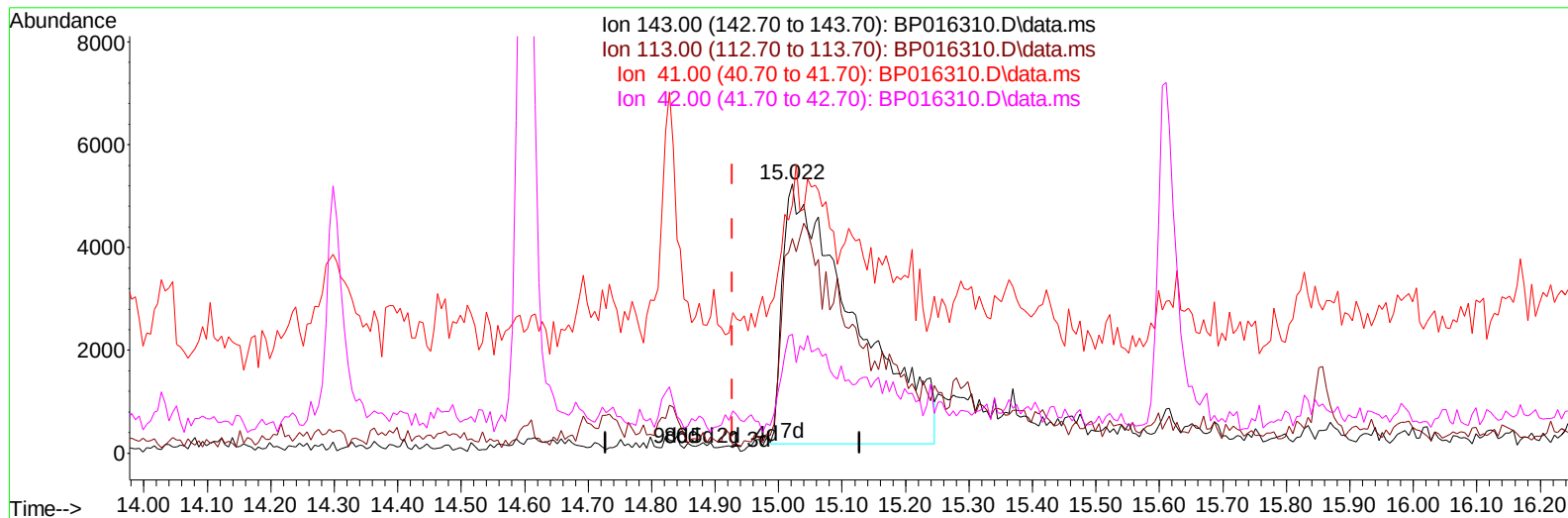
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:15:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.022min (+ 0.094) 4.06 ng/ul m

response 39521

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	79.88
41.00	49.30	92.26#
42.00	32.70	44.16#

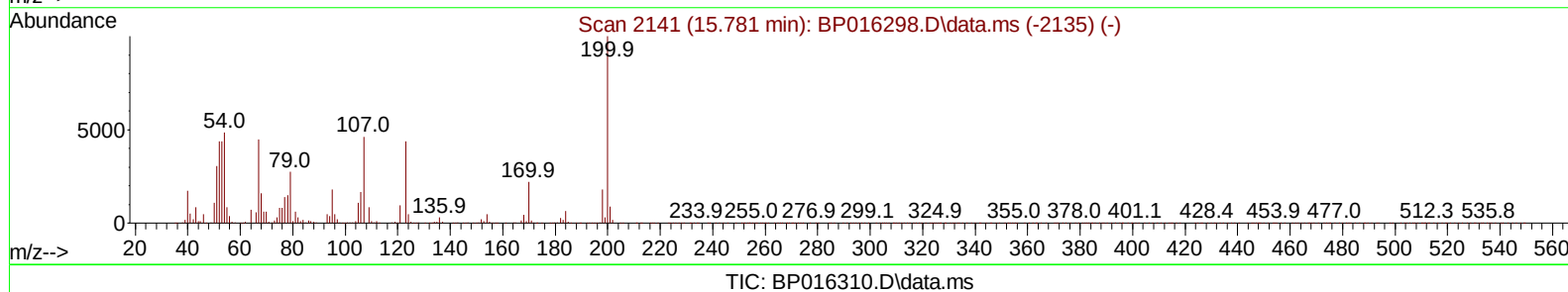
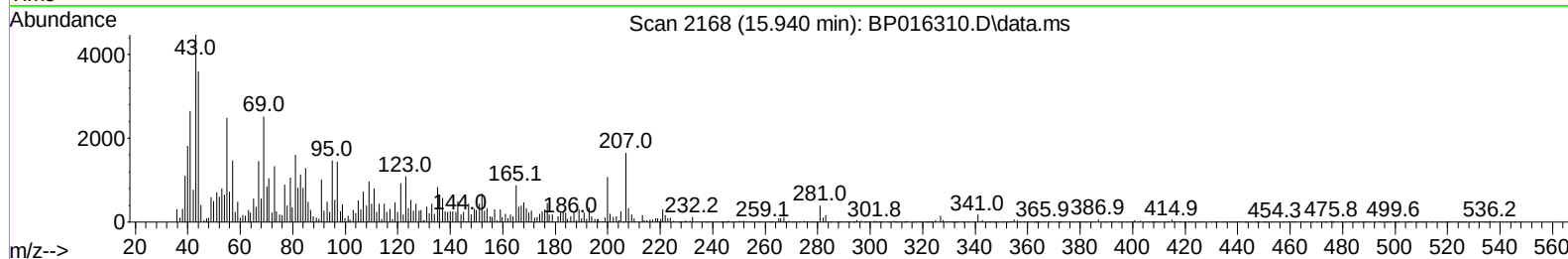
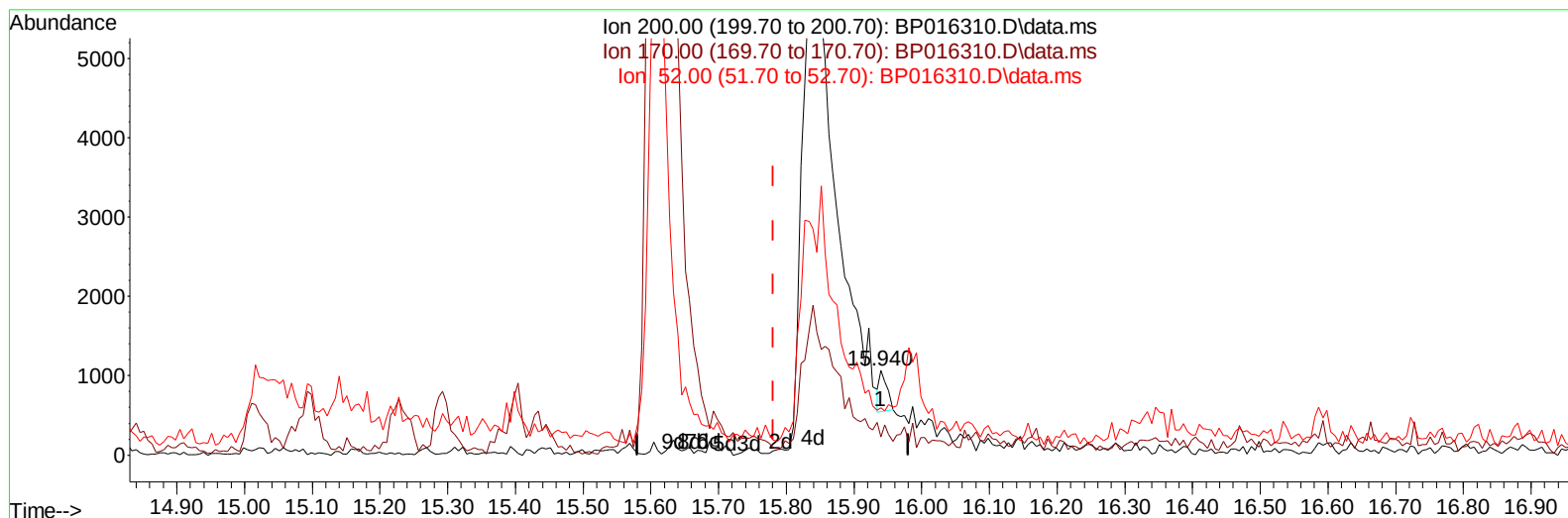
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:15:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.940min (+ 0.159) 0.05 ng/ul

response 408

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	21.31
52.00	58.00	55.98
0.00	0.00	0.00

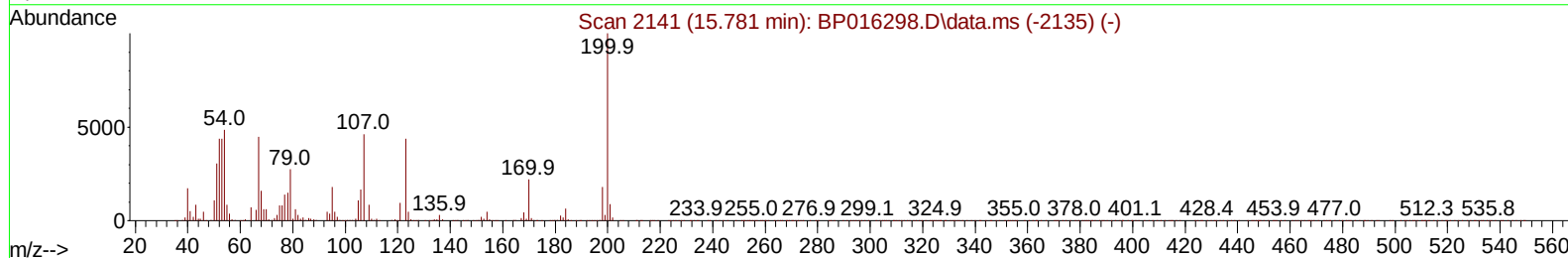
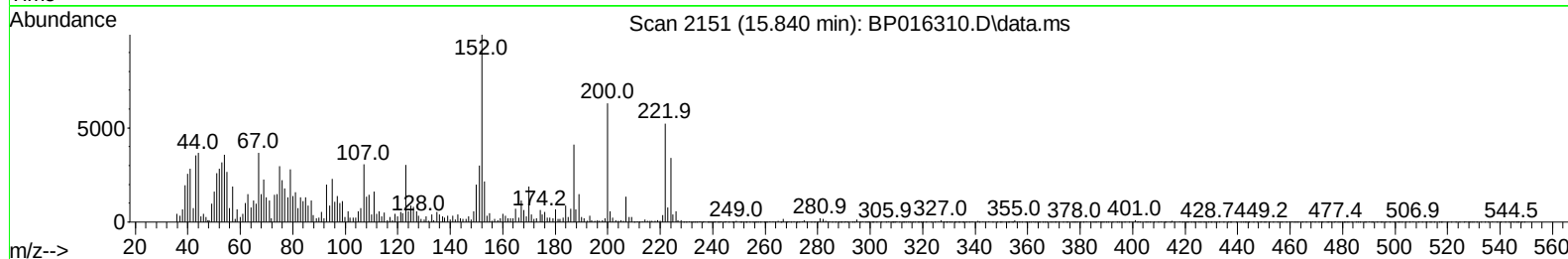
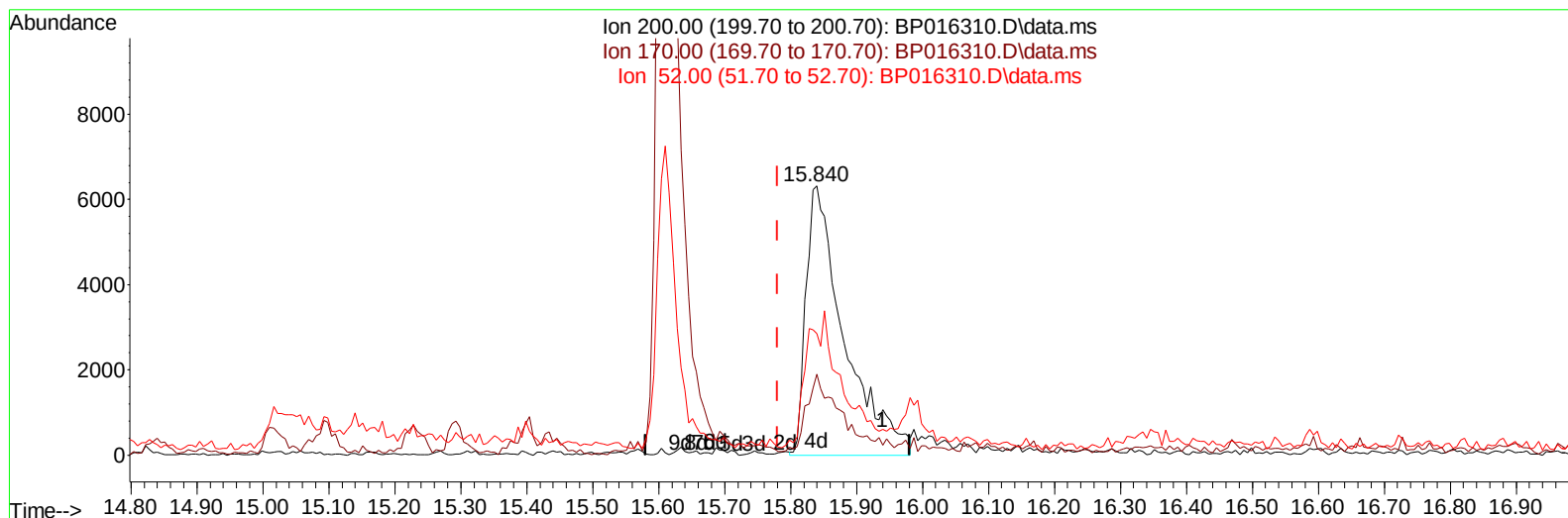
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:15:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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



TIC: BP016310.D\data.ms

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

15.840min (+ 0.059) 3.29 ng/ul m

response 25350

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	29.99#
52.00	58.00	45.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46T9

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 03:16:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	230201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	789372	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	624776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1335921	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1081174	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	792154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9685	1.489	ng/uL	0.00
4) Pyridine-d5	3.705	84	162429m	10.011	ng/ul	-0.02
7) Phenol-d5	7.181	99	102093	4.910	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.287	67	113500	8.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	90152	6.006	ng/ul	0.02
15) 4-Methylphenol-d8	8.787	113	36973m	2.207	ng/ul	0.09
21) Nitrobenzene-d5	9.169	128	64400	11.826	ng/ul	0.03
24) 2-Nitrophenol-d4	9.899	143	65143m	10.495	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.552	165	50462m	4.695	ng/ul	0.12
31) 4-Chloroaniline-d4	10.946	131	28	0.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	505596	10.609	ng/ul	0.01
49) Acenaphthylene-d8	14.298	160	467343	8.948	ng/ul	0.00
54) 4-Nitrophenol-d4	15.022	143	39521m	4.063	ng/ul	0.09
60) Fluorene-d10	15.610	176	400679	10.046	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.840	200	25350m	3.287	ng/ul	0.06
73) Anthracene-d10	17.481	188	323104	5.529	ng/ul	0.00
81) Pyrene-d10	19.710	212	437896	7.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	71760	1.886	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.416	178	190319	2.734	ng/ul	99
80) Fluoranthene	19.386	202	274498	4.184	ng/ul	98
82) Pyrene	19.739	202	154773	2.210	ng/ul	98
85) Benzo(a)anthracene	21.457	228	101668	1.444	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.322	149	92408	2.048	ng/ul	97
87) Chrysene	21.510	228	115968	1.626	ng/ul	92
90) Benzo(b)fluoranthene	23.204	252	109167	2.413	ng/ul#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016310.D
Acq On : 19 Jul 2023 00:53
Operator : MA/JU
Sample : 03501-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46T9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:16:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

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

