

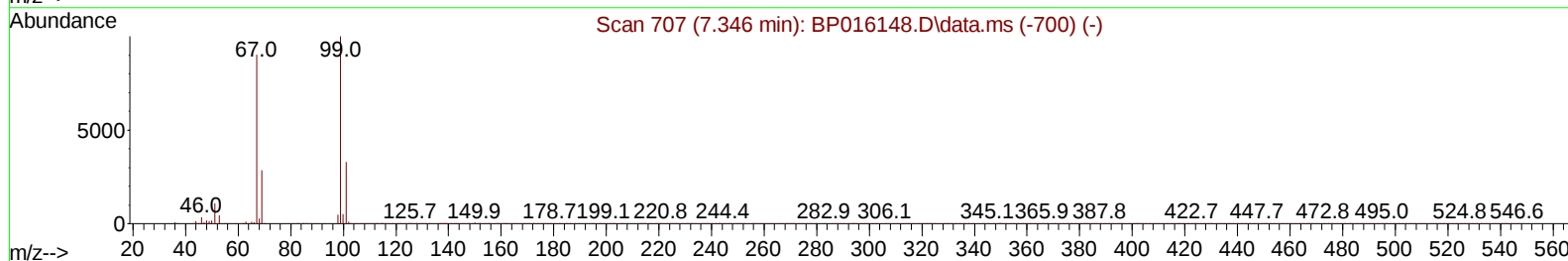
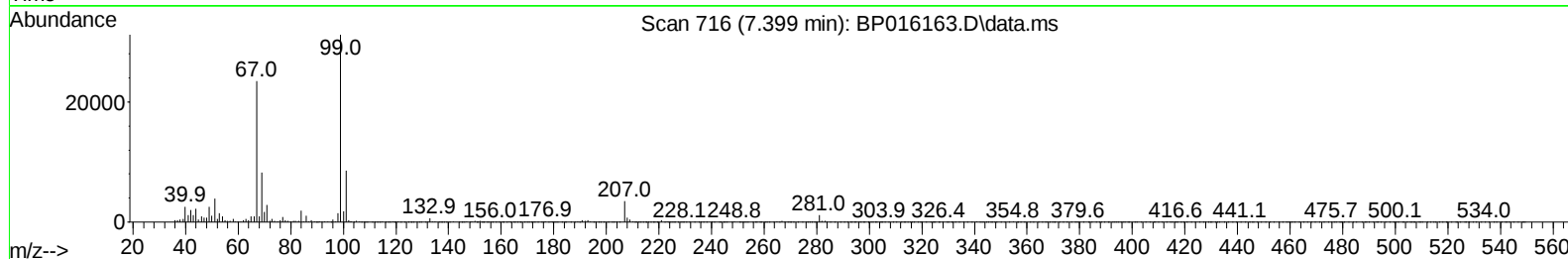
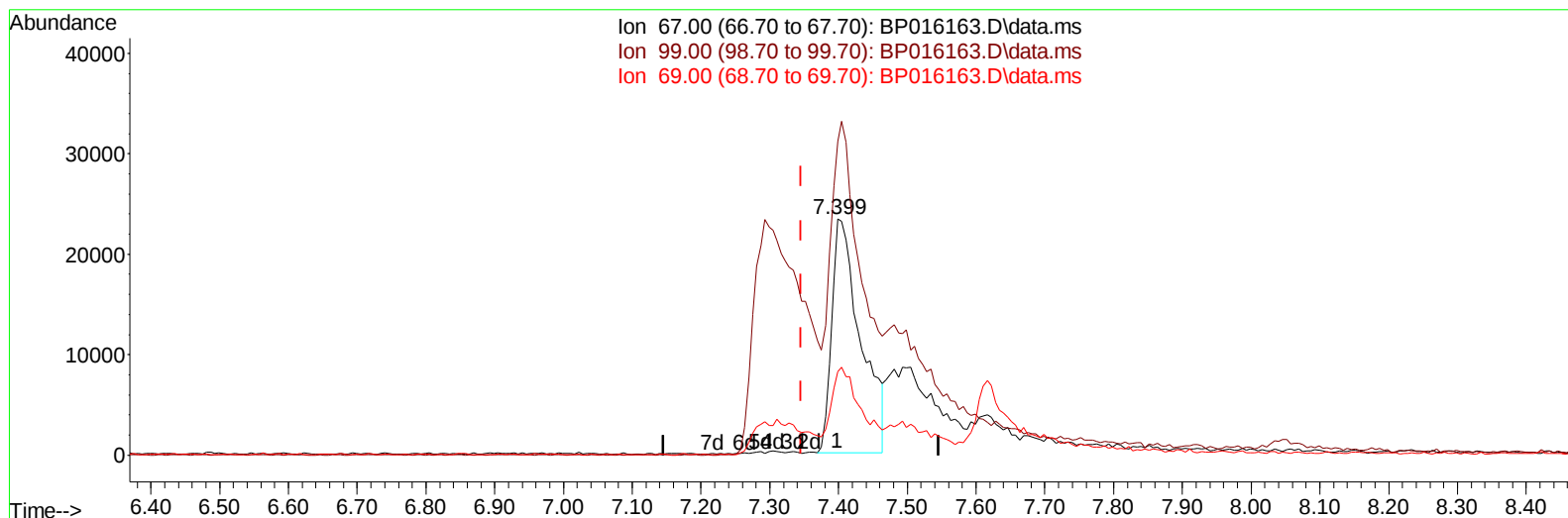
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

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

7.399min (+ 0.053) 6.50 ng/u1

response 67964

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	132.60
69.00	32.10	35.26
0.00	0.00	0.00

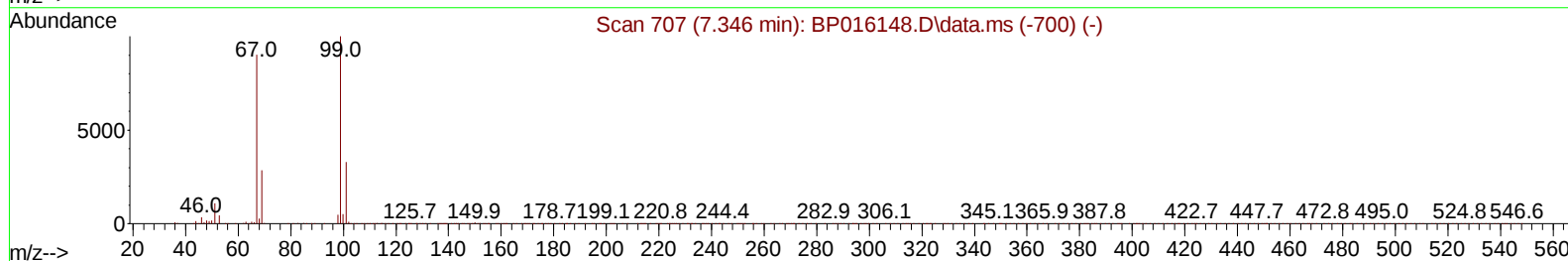
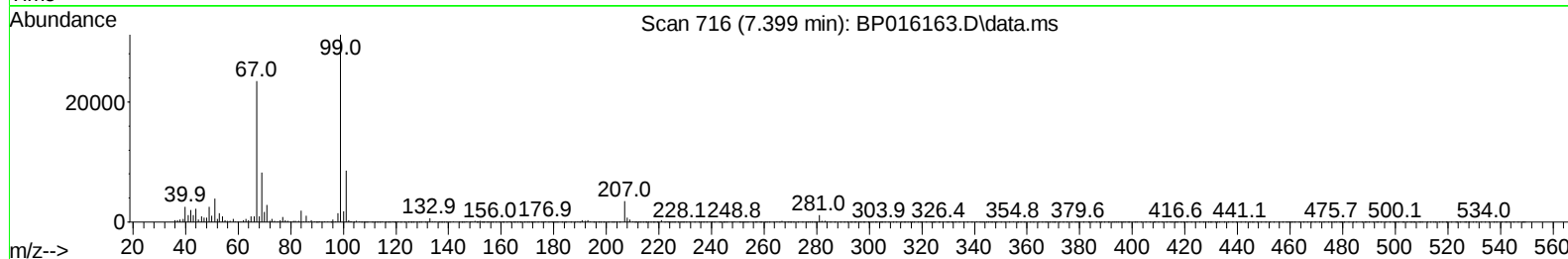
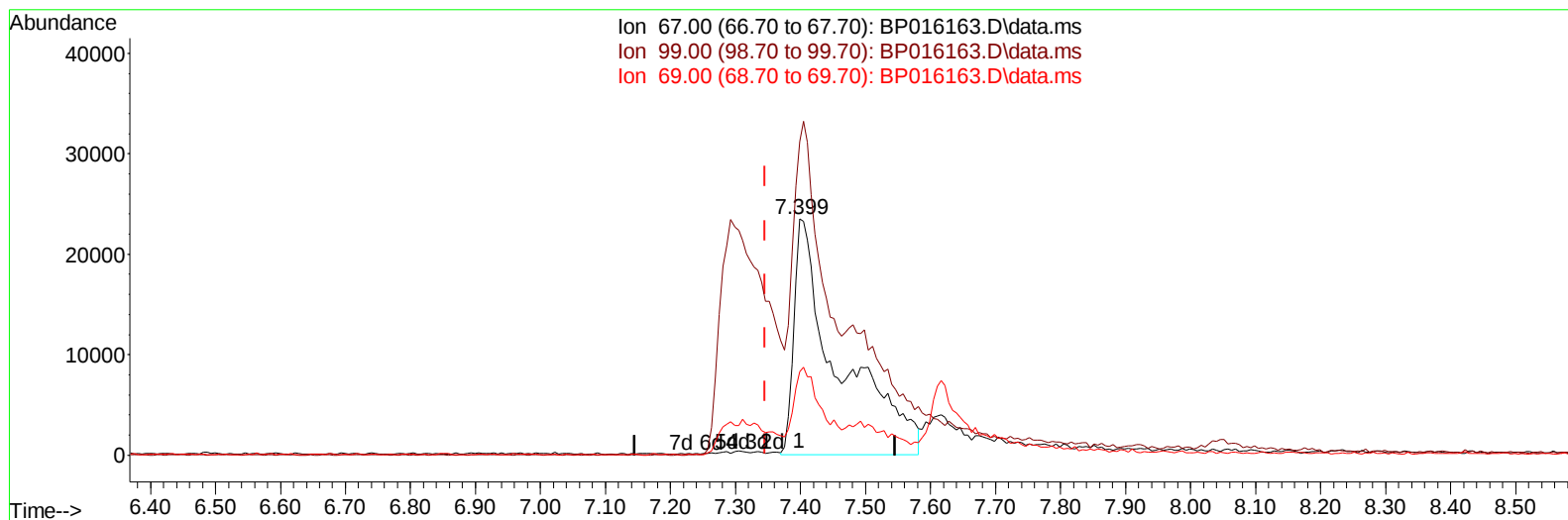
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

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

7.399min (+ 0.053) 10.65 ng/ul m

response 111404

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	132.60
69.00	32.10	35.26
0.00	0.00	0.00

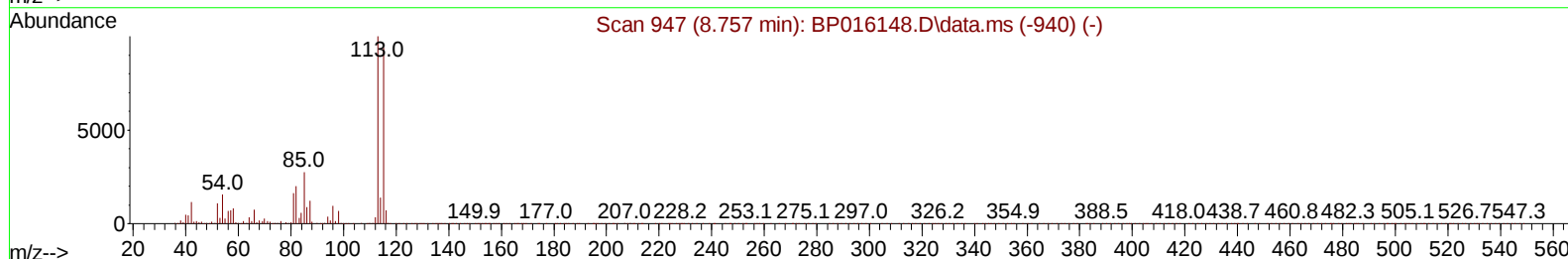
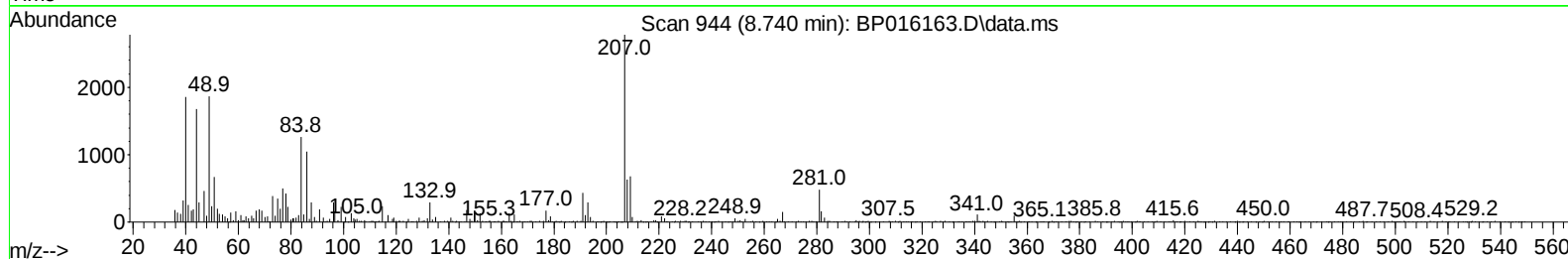
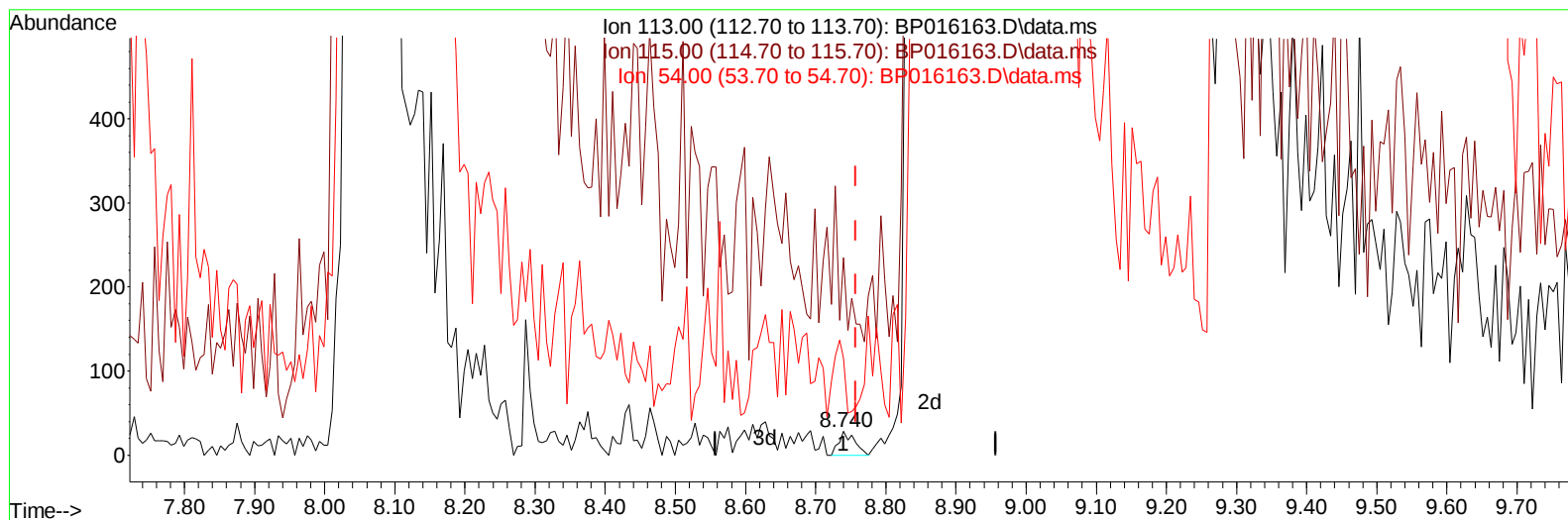
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.740min (-0.018) 0.00 ng/u1

response 43

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	839.29#
54.00	16.10	410.71#
0.00	0.00	0.00

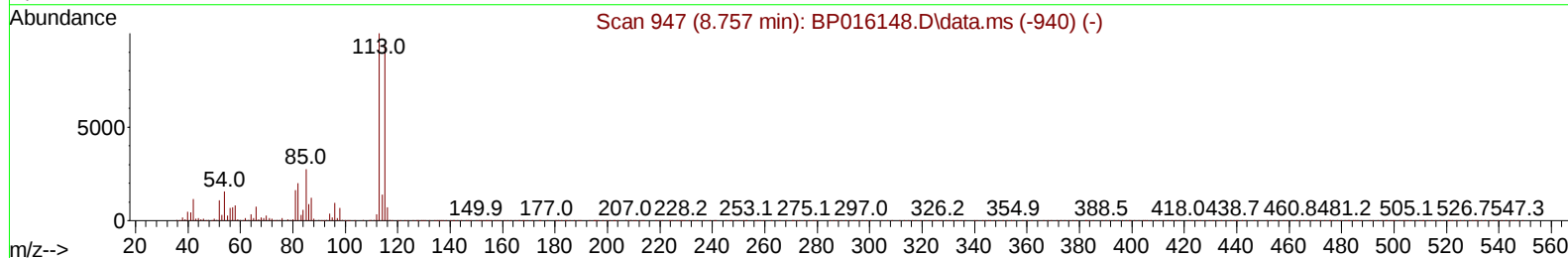
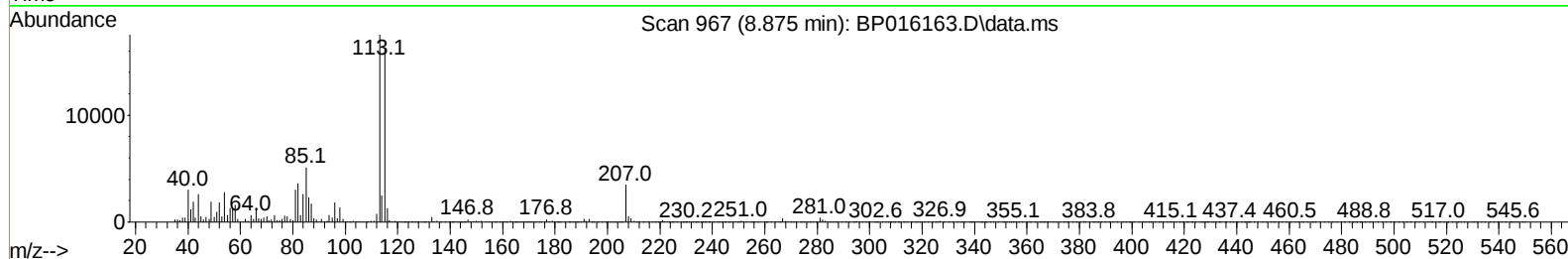
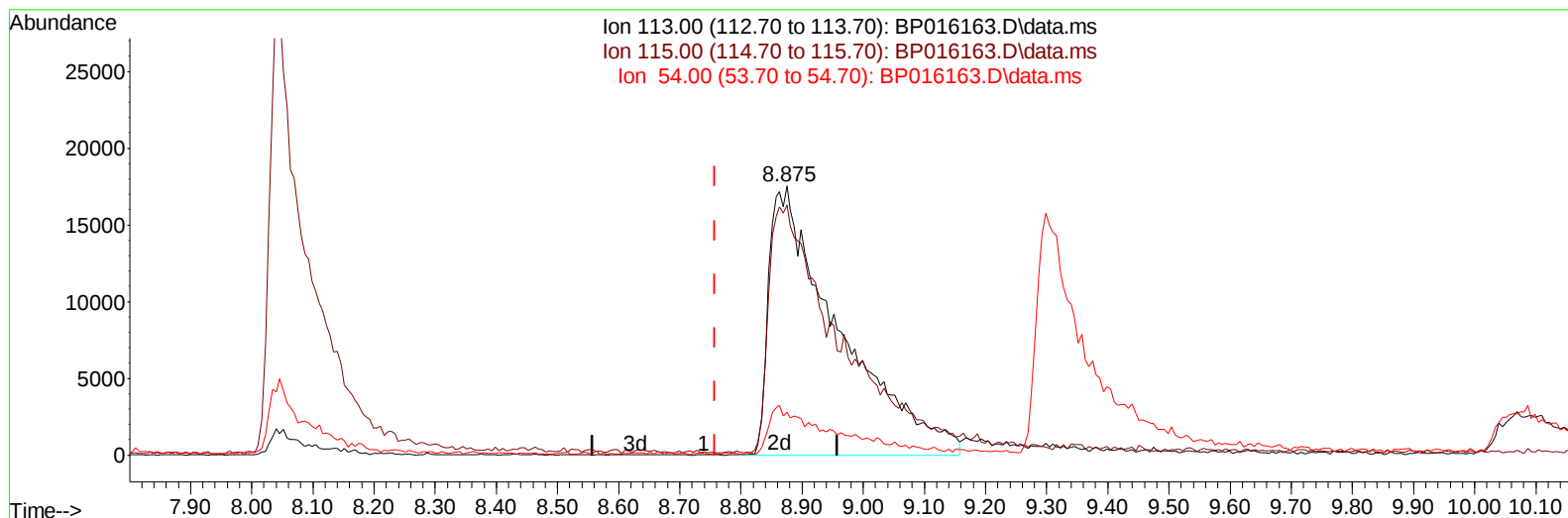
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:53:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.875min (+ 0.118) 10.39 ng/ul m

response 138807

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	92.94
54.00	16.10	15.90
0.00	0.00	0.00

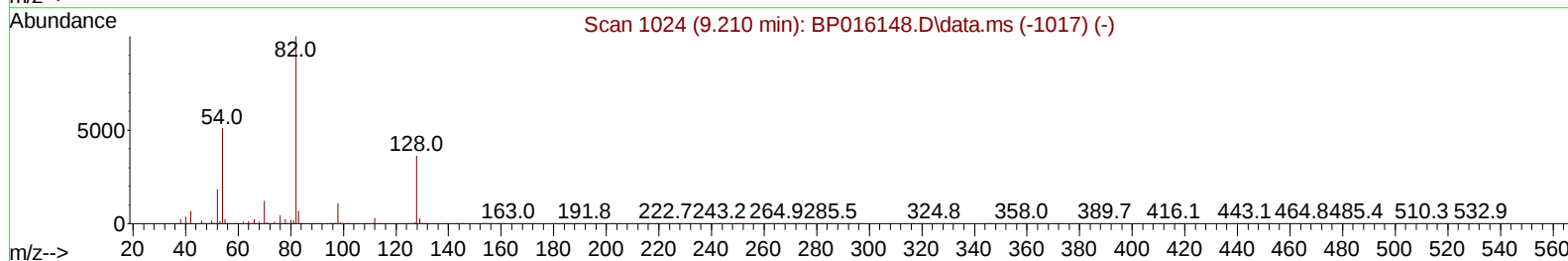
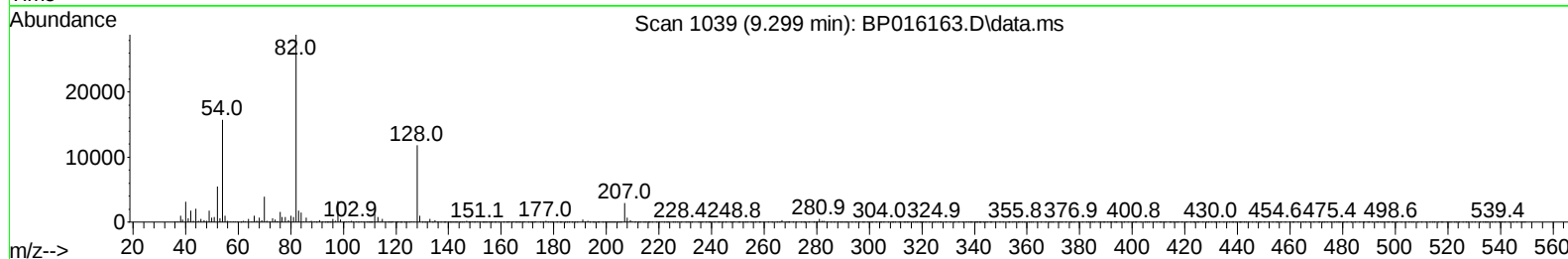
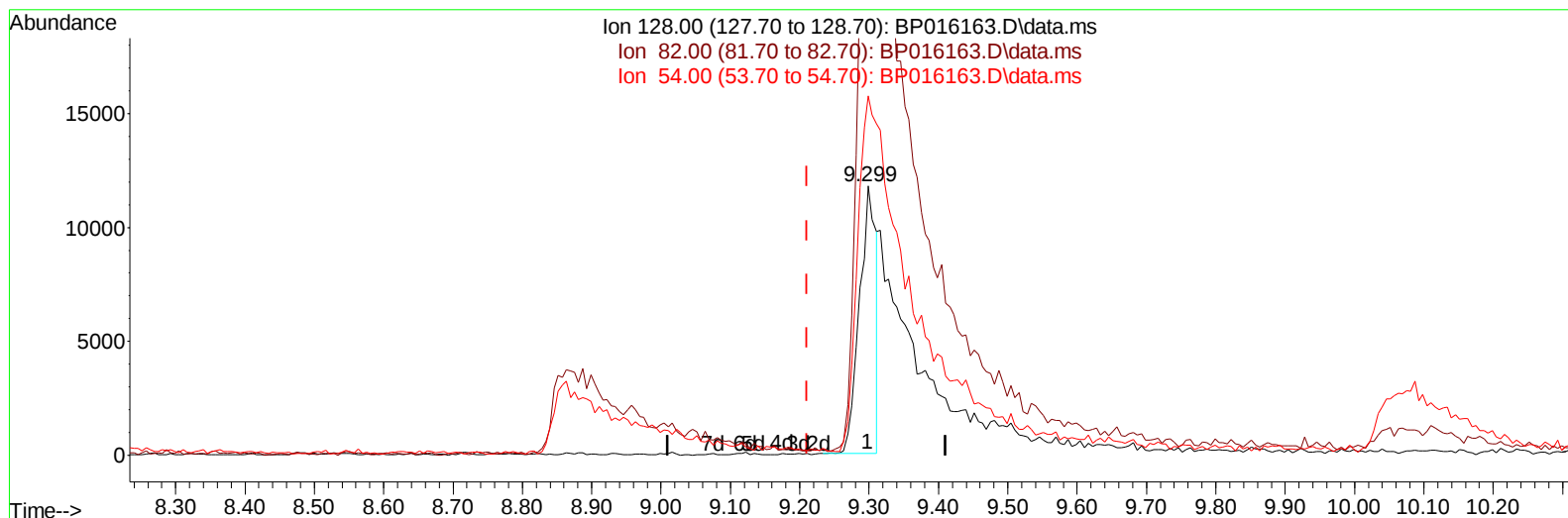
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(21) Nitrobenzene-d5 (S)

9.299min (+ 0.088) 2.67 ng/u1

response 19591

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	244.03
54.00	141.60	133.46
0.00	0.00	0.00

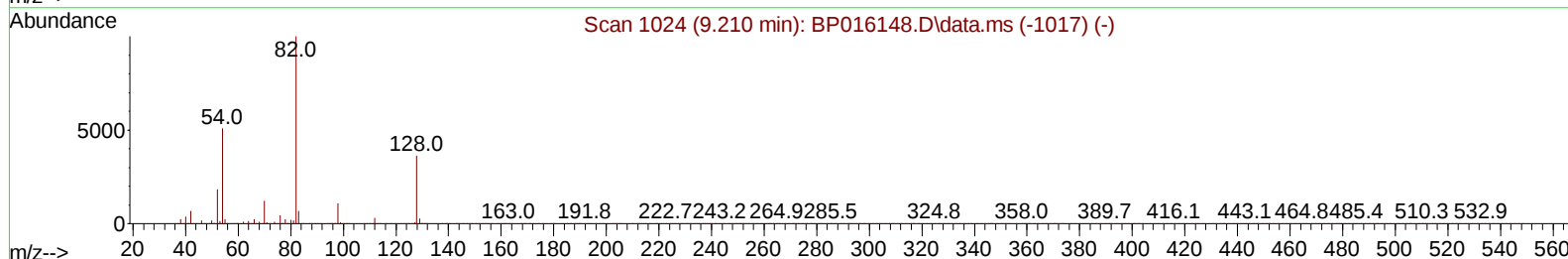
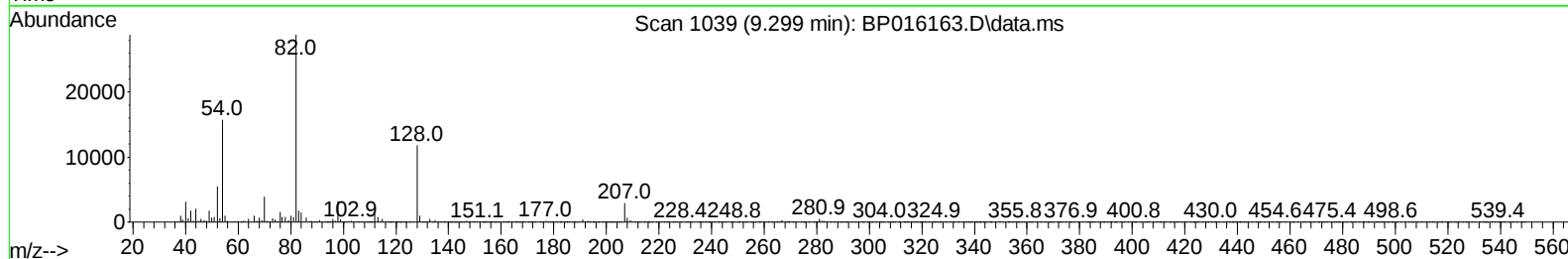
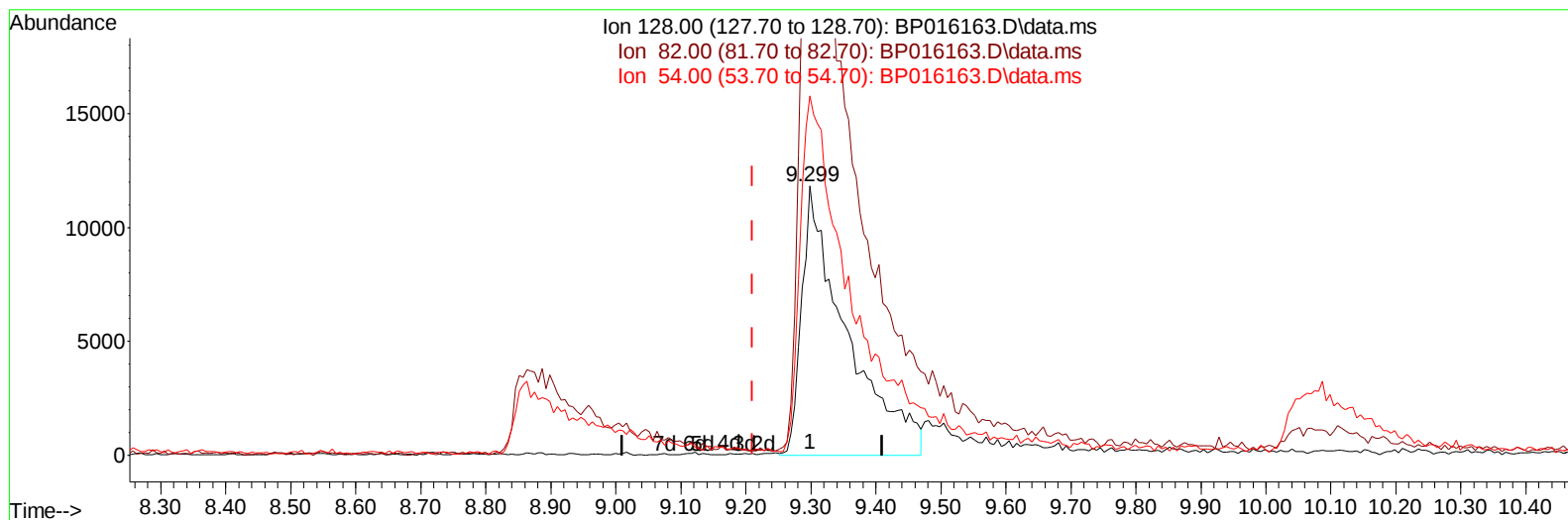
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Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(21) Nitrobenzene-d5 (S)

9.299min (+ 0.088) 7.66 ng/u1 m

response 56118

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	244.03
54.00	141.60	133.46
0.00	0.00	0.00

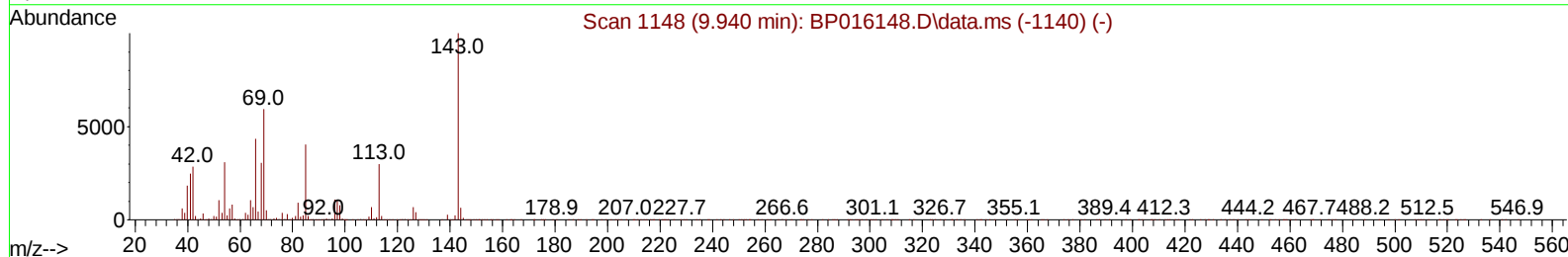
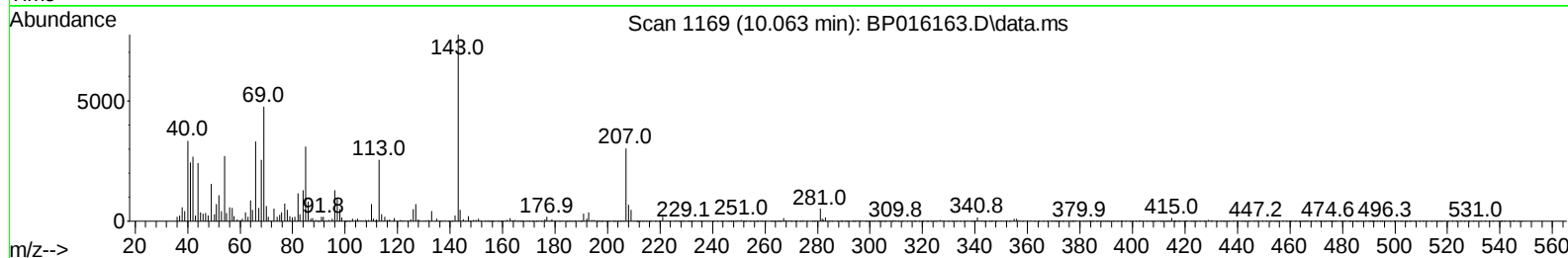
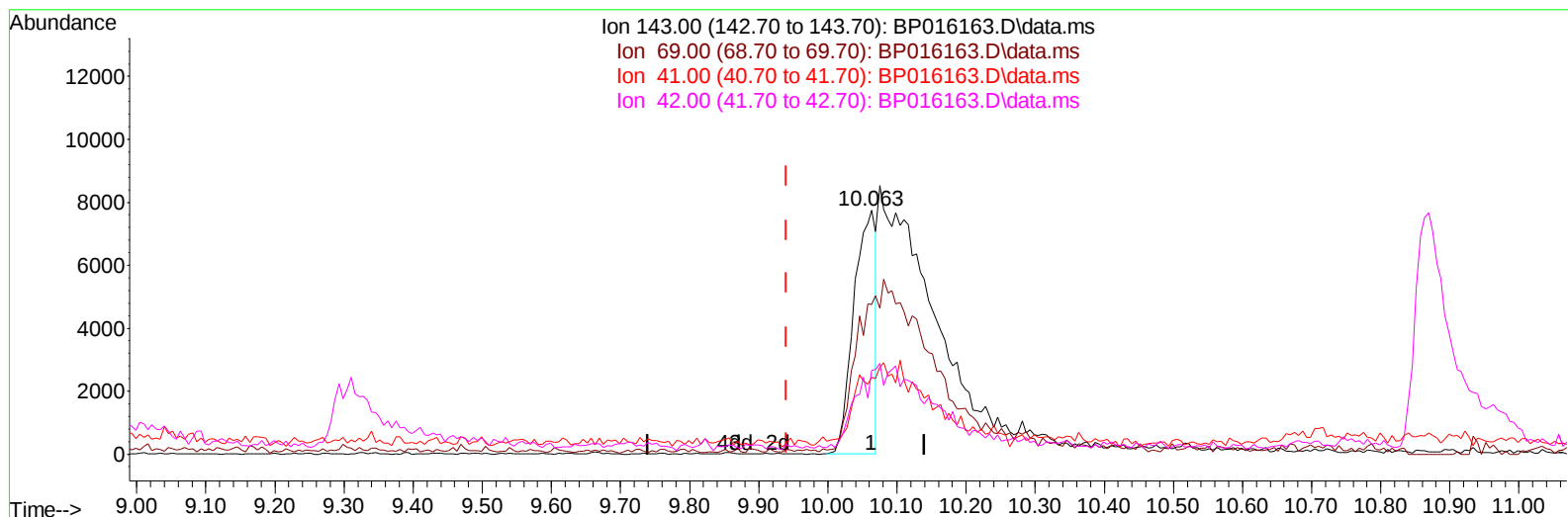
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.063min (+ 0.124) 2.02 ng/u1

response 17264

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	61.45
41.00	26.80	31.46
42.00	30.50	34.44

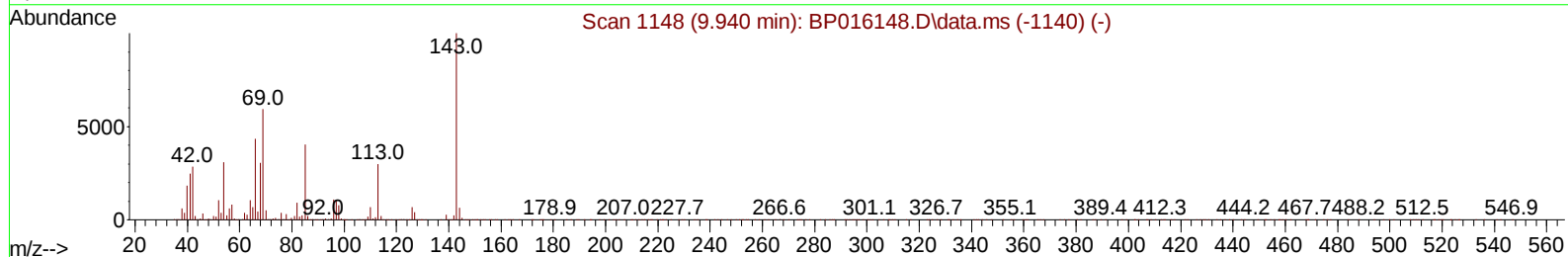
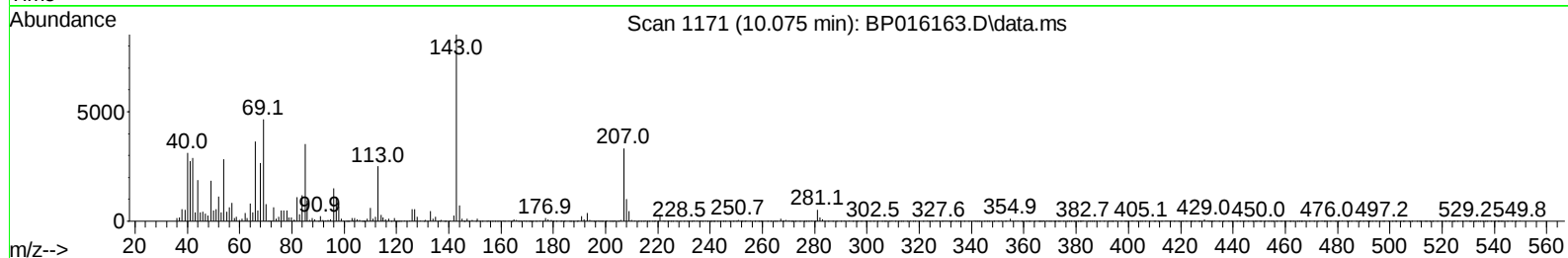
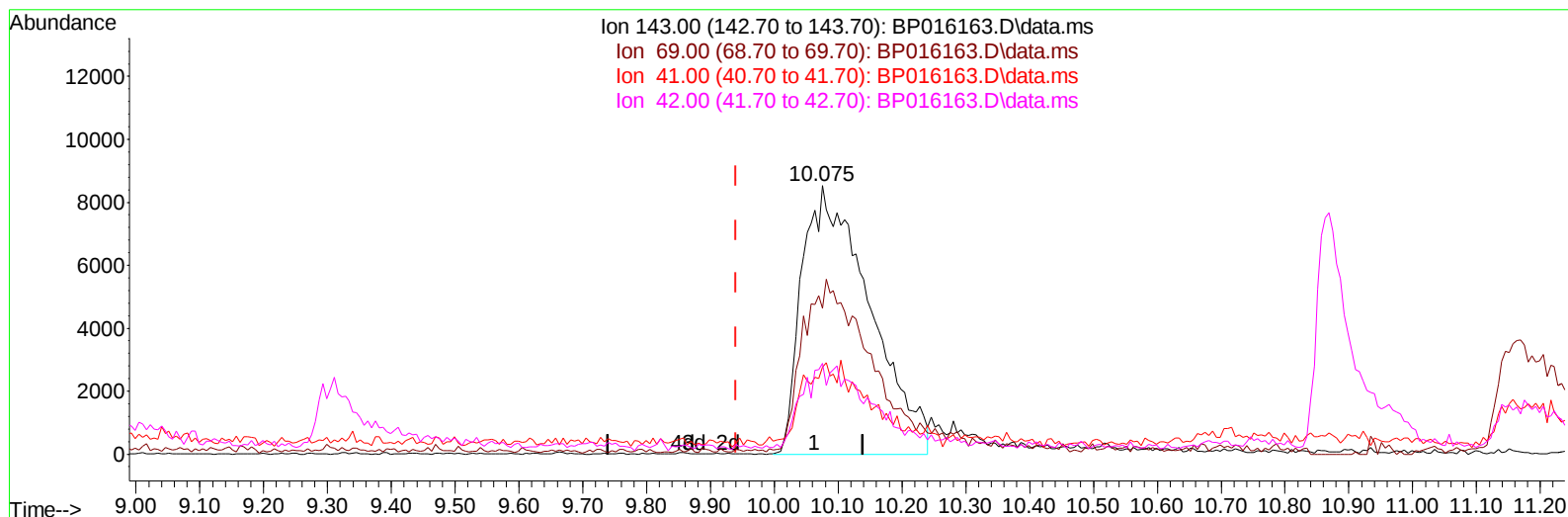
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.075min (+ 0.135) 7.33 ng/ul m

response 62658

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	54.42
41.00	26.80	32.32#
42.00	30.50	33.92

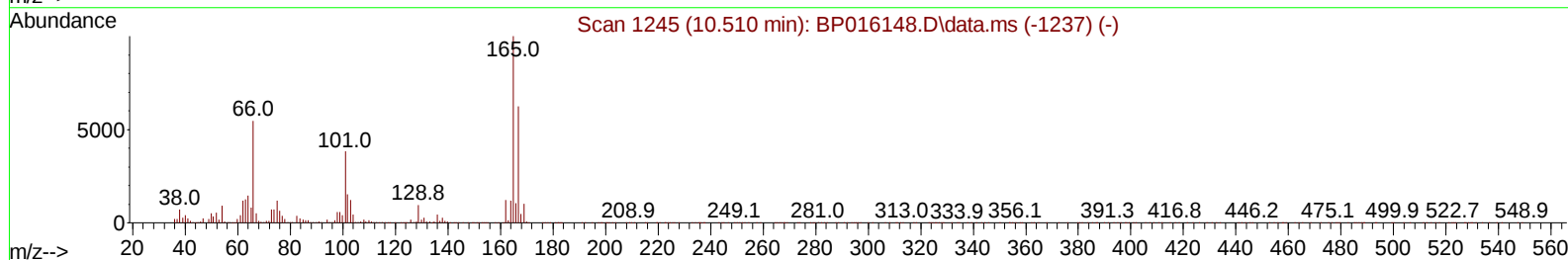
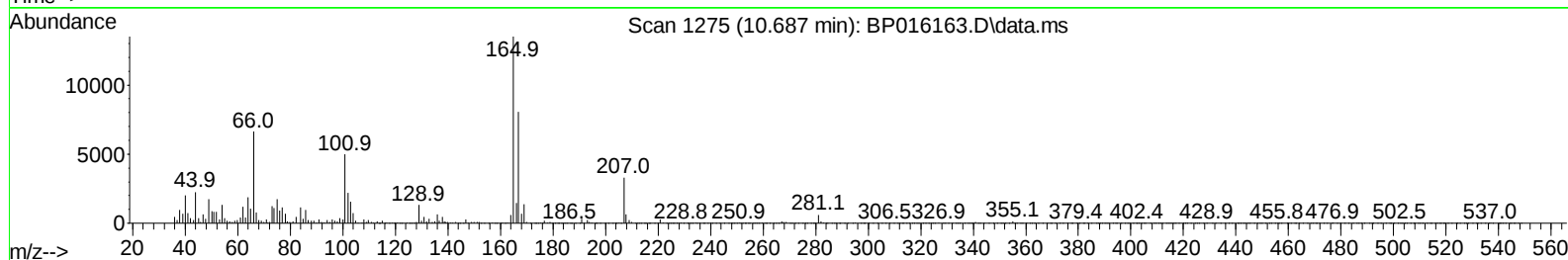
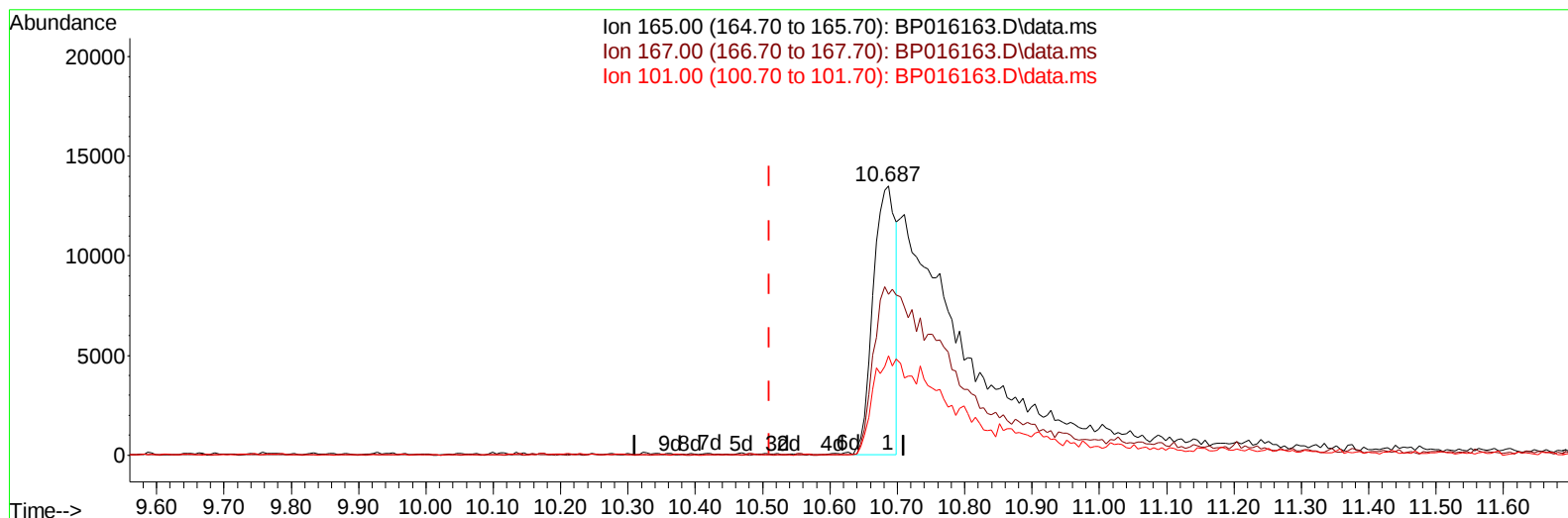
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

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

10.687min (+ 0.177) 2.06 ng/u1

response 31465

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	59.68
101.00	37.30	36.88
0.00	0.00	0.00

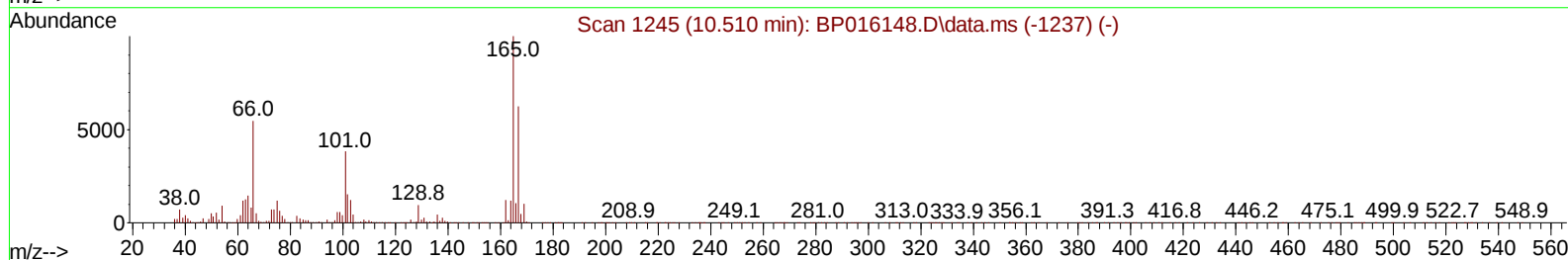
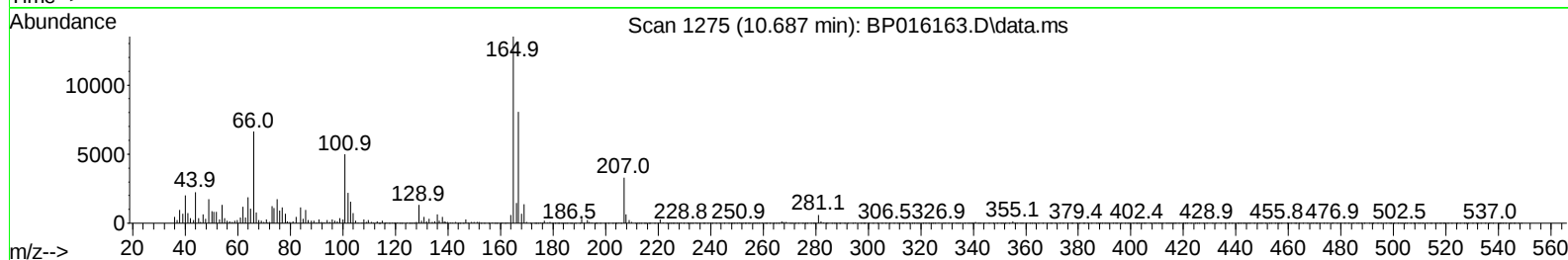
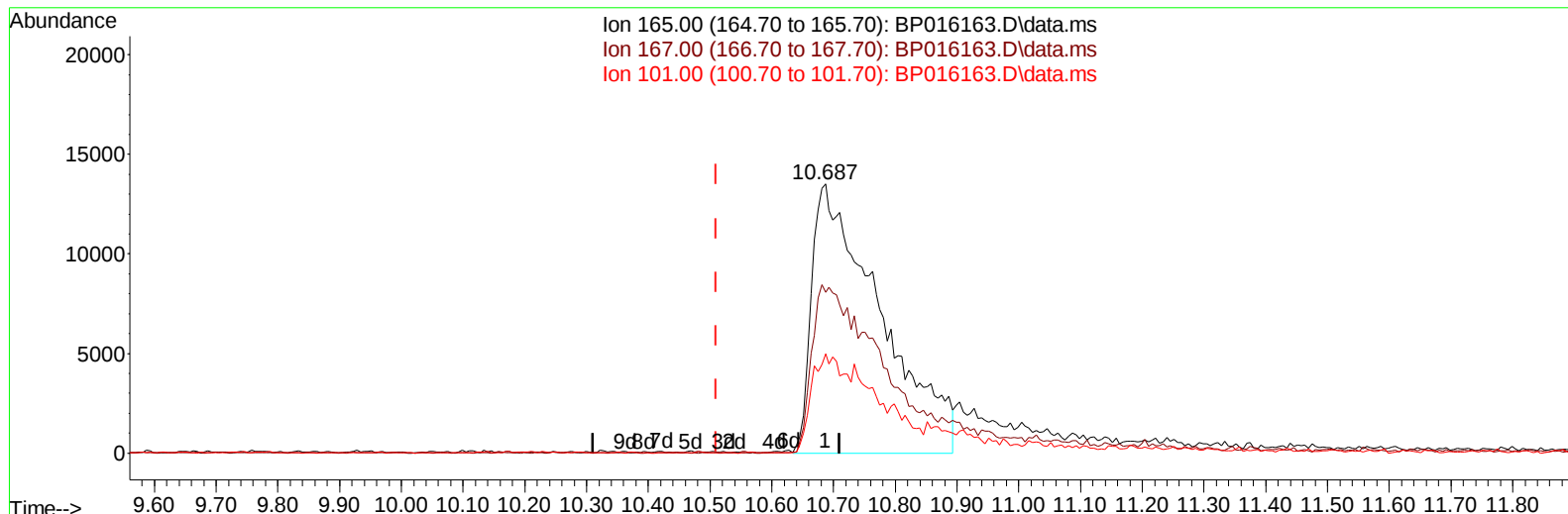
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:54:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

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

10.687min (+ 0.177) 6.78 ng/ul m

response 103367

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	59.68
101.00	37.30	36.88
0.00	0.00	0.00

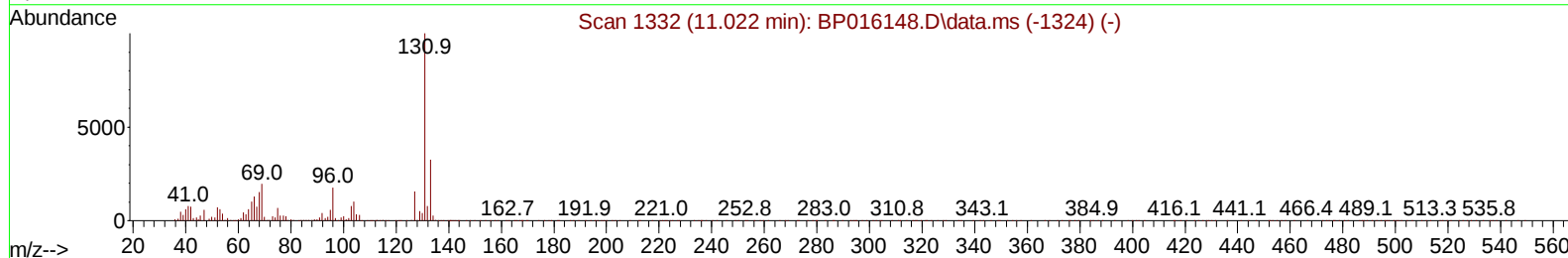
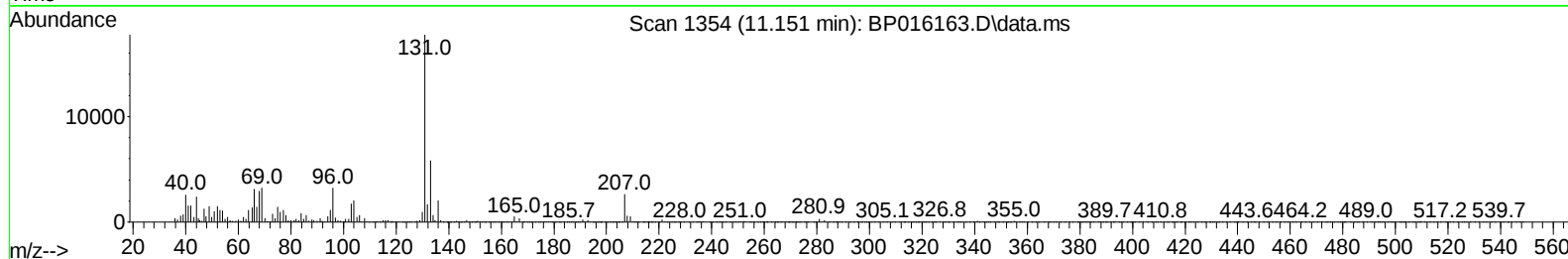
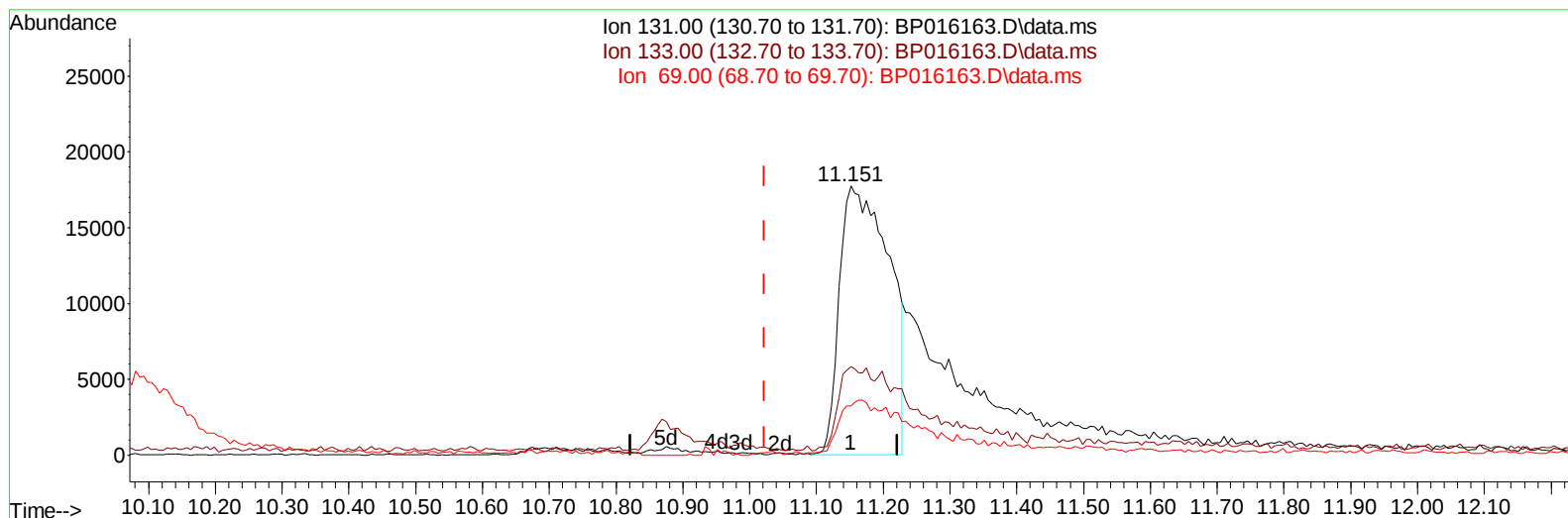
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:01:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.151min (+ 0.129) 4.65 ng/u1

response 91057

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	32.94
69.00	22.20	18.24
0.00	0.00	0.00

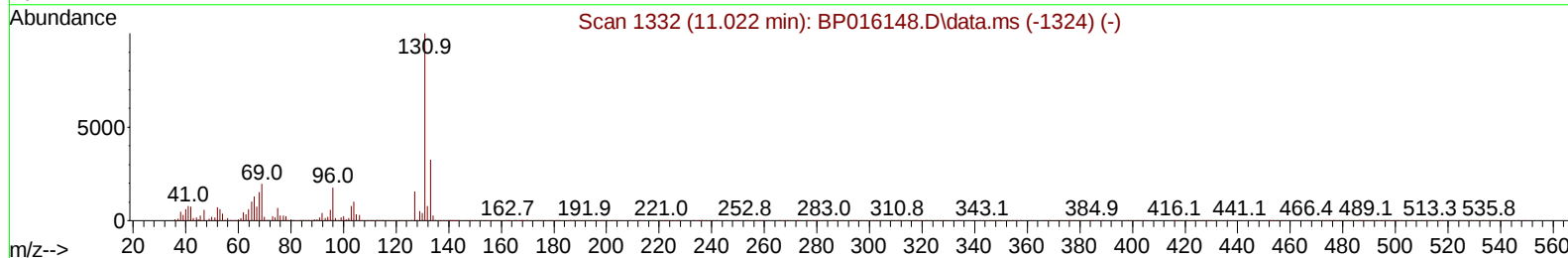
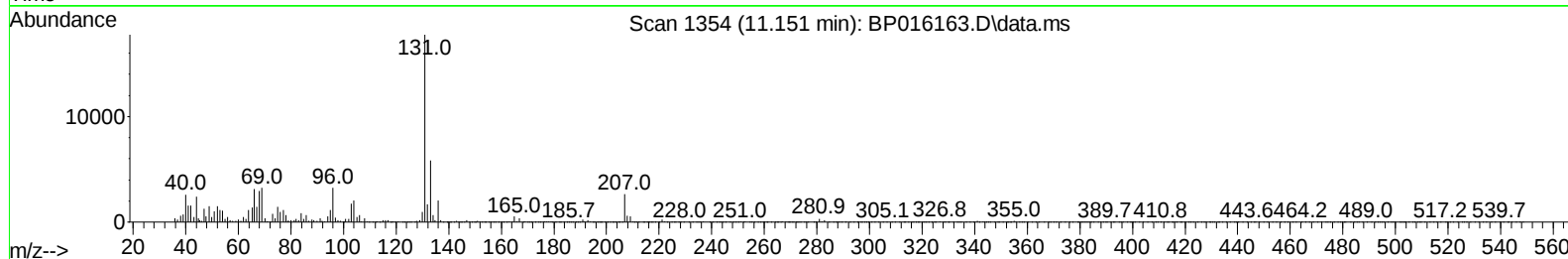
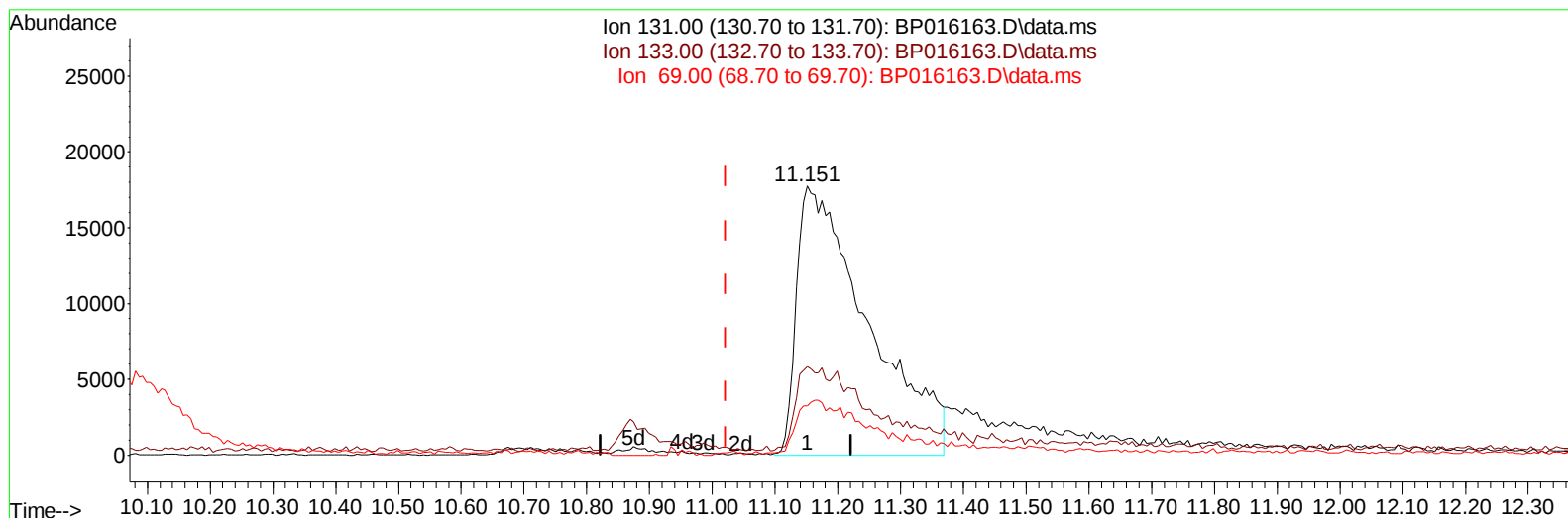
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:01:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.151min (+ 0.129) 7.14 ng/ul m

response 139868

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	32.94
69.00	22.20	18.24
0.00	0.00	0.00

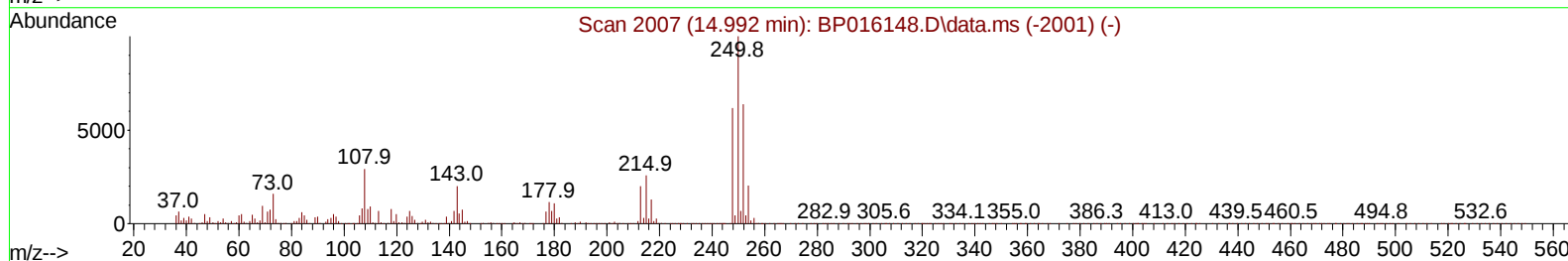
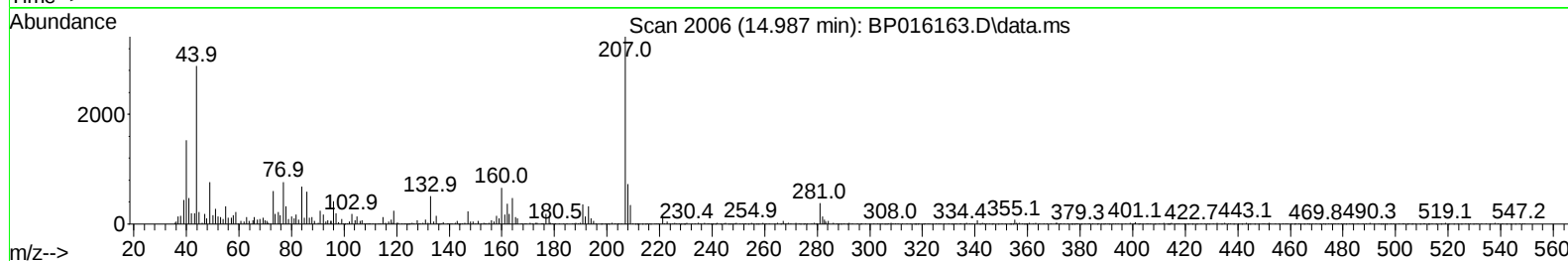
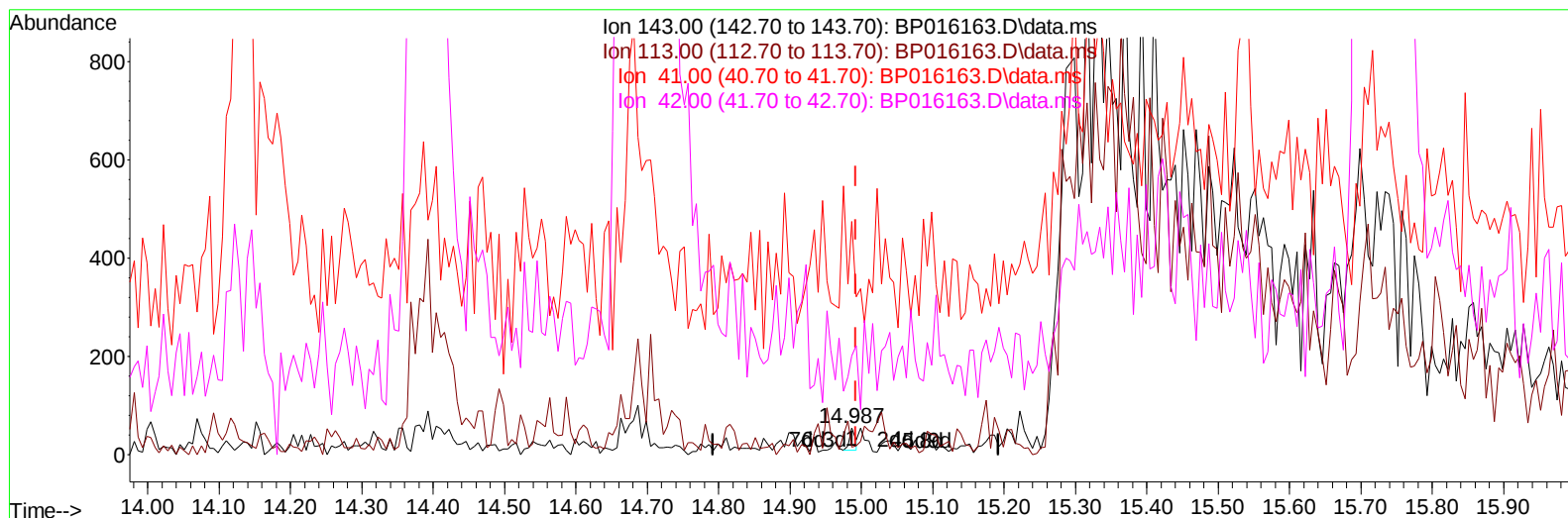
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.987min (-0.006) 0.00 ng/u1

response 27

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	29.09#
41.00	45.70	863.64#
42.00	31.20	367.27#

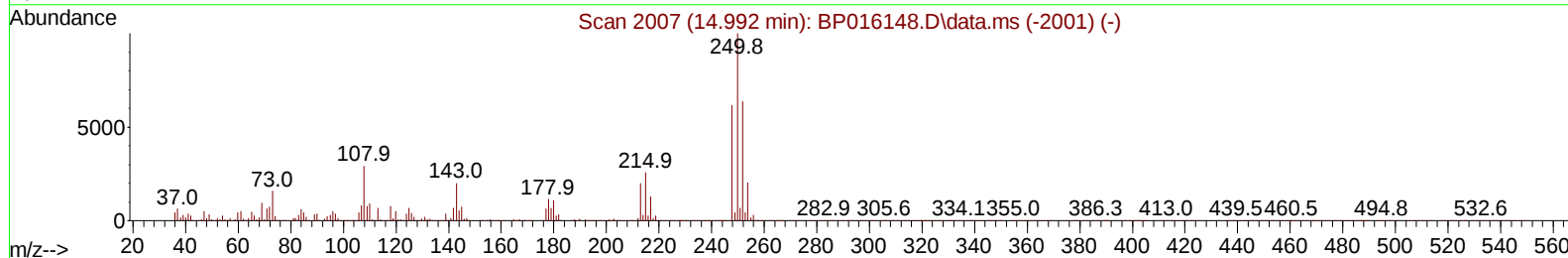
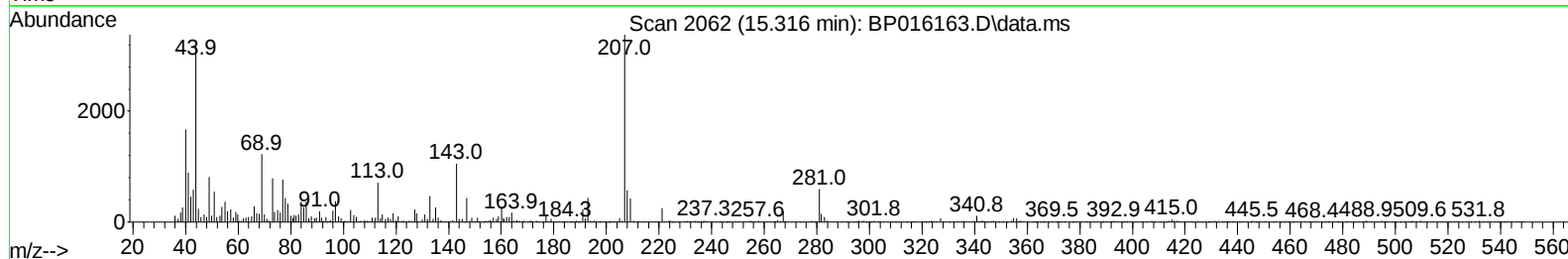
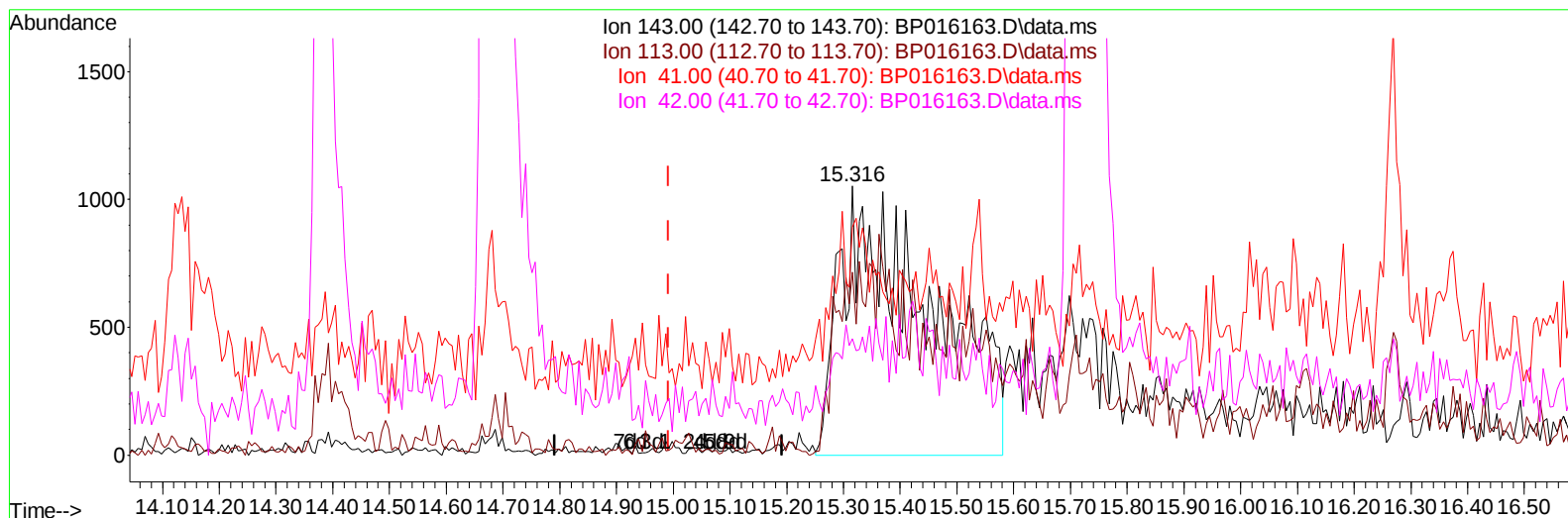
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:02:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.316min (+ 0.324) 1.72 ng/ul m

response 11382

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	68.06#
41.00	45.70	84.89#
42.00	31.20	43.25#

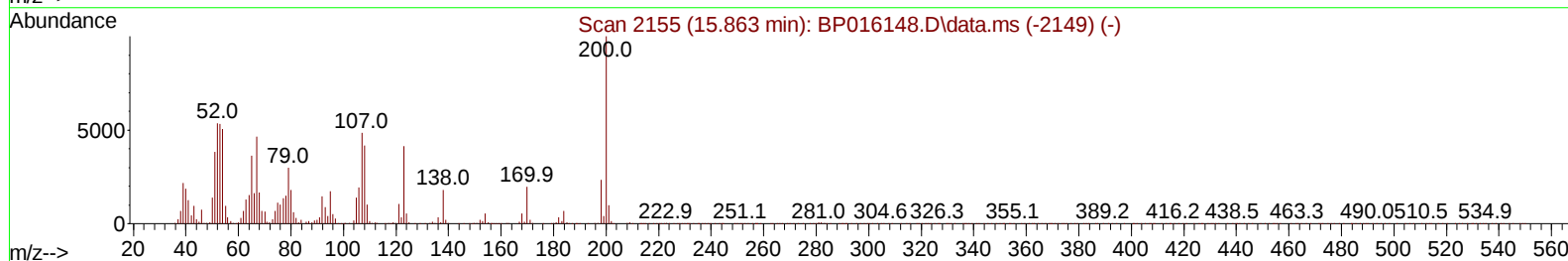
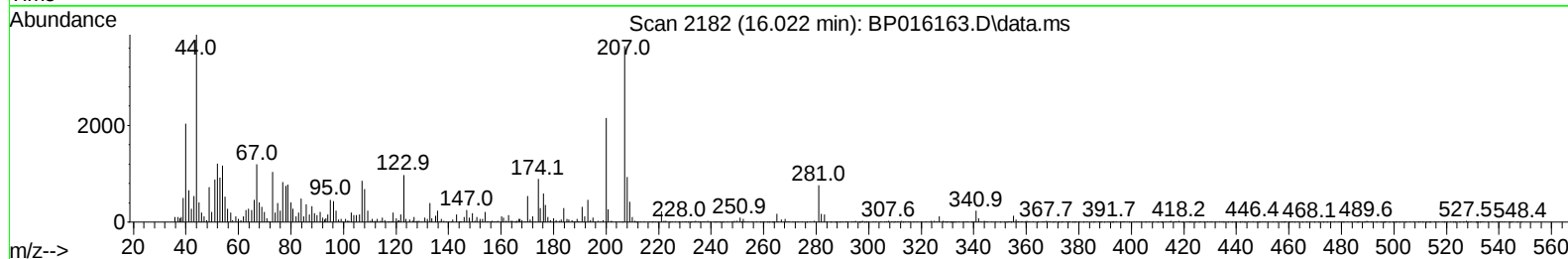
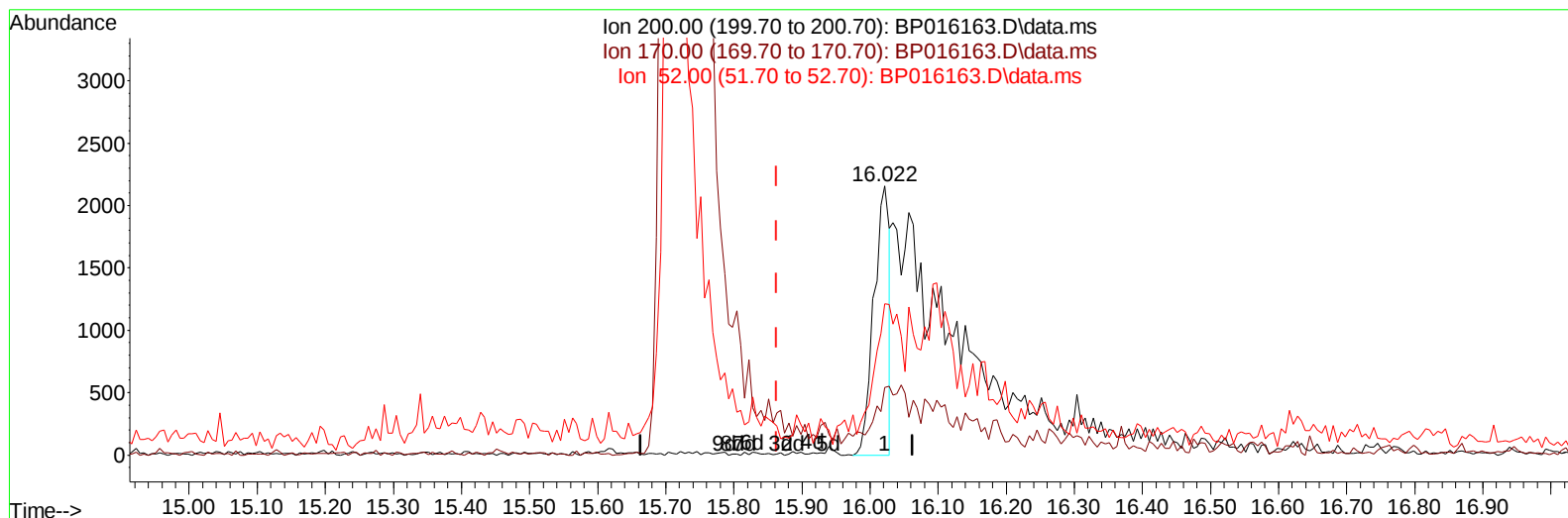
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

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TIC: BP016163.D\data.ms

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

16.022min (+ 0.159) 0.40 ng/u1

response 3383

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	25.23
52.00	52.20	56.26
0.00	0.00	0.00

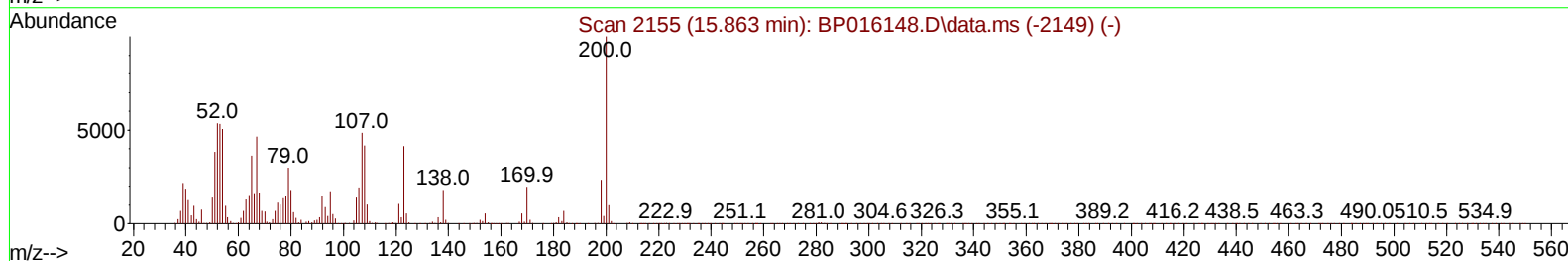
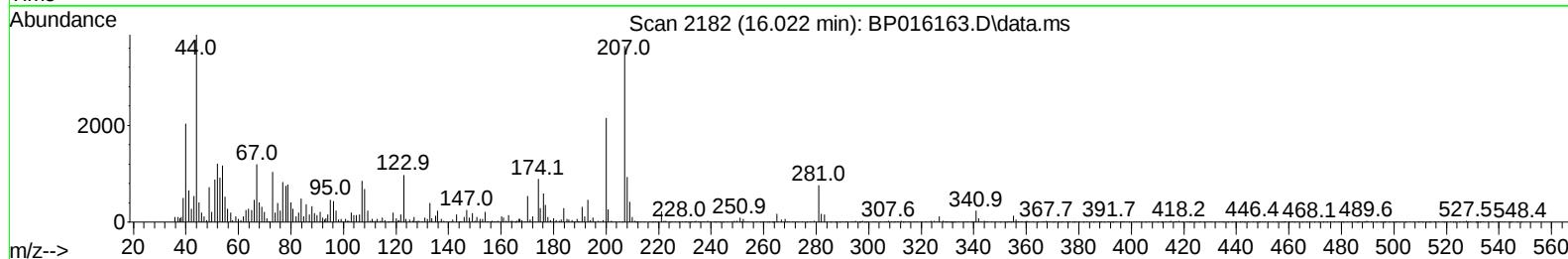
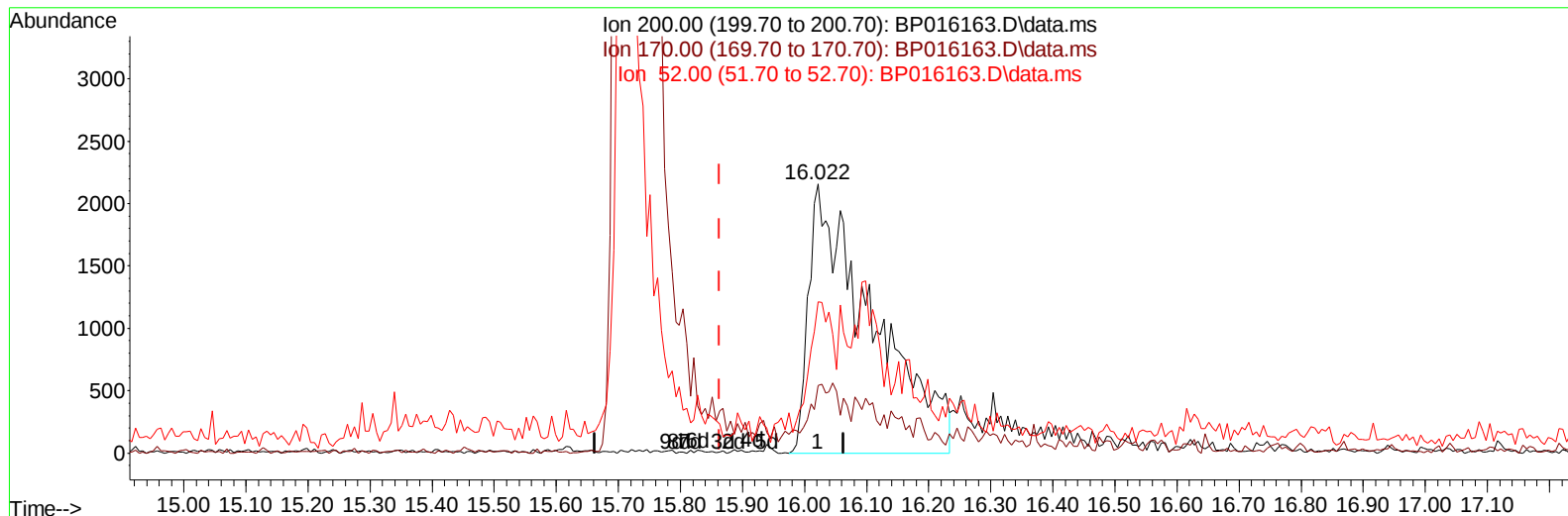
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016163.D
Acq On : 10 Jul 2023 18:07
Operator : MA/JU
Sample : 03385-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Y4

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:02:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
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Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016163.D\data.ms

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

16.022min (+ 0.159) 1.81 ng/ul m

response 15332

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	25.23
52.00	52.20	56.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016163.D
 Acq On : 10 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03385-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7Y4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 11 00:03:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152		197668	20.000	ng/ul	0.03
20) Naphthalene-d8	10.863	136		958928	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.681	164		647397	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.457	188		1375389	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.545	240		1364364	20.000	ng/ul	# 0.00
88) Perylene-d12	24.080	264		1314850	20.000	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.346	96		9837	1.790	ng/uL	0.00
4) Pyridine-d5	3.817	84		75497	5.451	ng/ul	0.02
7) Phenol-d5	7.293	99		115496	6.829	ng/ul	0.09
9) Bis-(2-Chloroethyl)eth...	7.399	67		111404m	10.647	ng/ul	0.05
11) 2-Chlorophenol-d4	7.611	132		119299	9.344	ng/ul	0.06
15) 4-Methylphenol-d8	8.875	113		138807m	10.389	ng/ul	0.12
21) Nitrobenzene-d5	9.299	128		56118m	7.658	ng/ul	0.09
24) 2-Nitrophenol-d4	10.075	143		62658m	7.326	ng/ul	0.14
28) 2,4-Dichlorophenol-d3	10.687	165		103367m	6.782	ng/ul	0.18
31) 4-Chloroaniline-d4	11.151	131		139868m	7.144	ng/ul	0.13
46) Dimethylphthalate-d6	14.128	166		482394	9.640	ng/ul	0.05
49) Acenaphthylene-d8	14.381	160		514583	9.148	ng/ul	0.02
54) 4-Nitrophenol-d4	15.316	143		11382m	1.724	ng/ul	0.32
60) Fluorene-d10	15.710	176		433495	10.521	ng/ul	0.04
65) 4,6-Dinitro-2-methylph...	16.022	200		15332m	1.813	ng/ul	0.16
73) Anthracene-d10	17.575	188		674668	10.739	ng/ul	0.04
81) Pyrene-d10	19.792	212		885998	9.945	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.910	264		738573	11.135	ng/ul	-0.01

Target Compounds Qvalue

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

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