

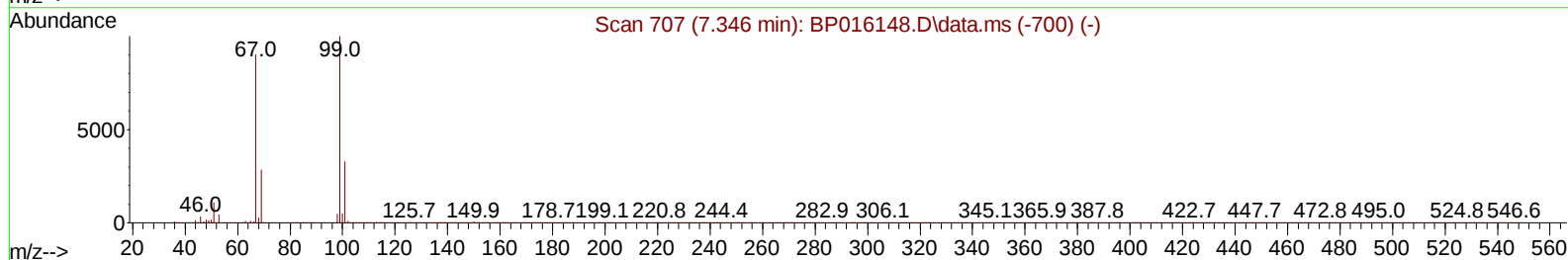
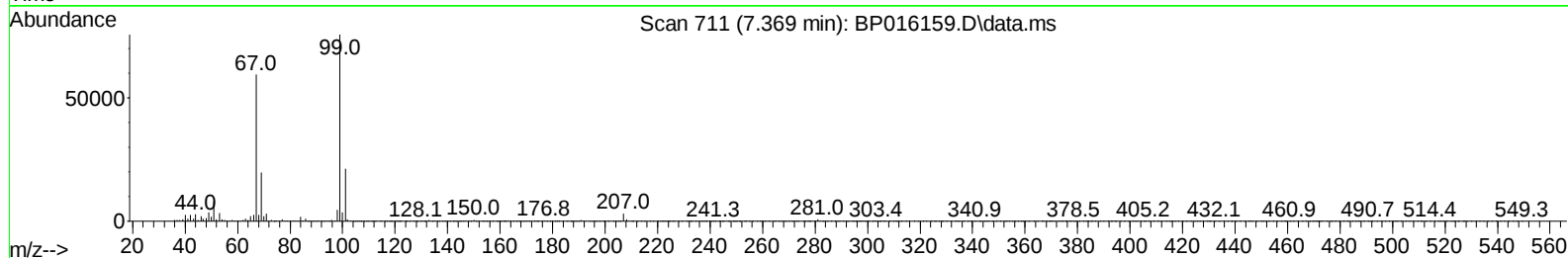
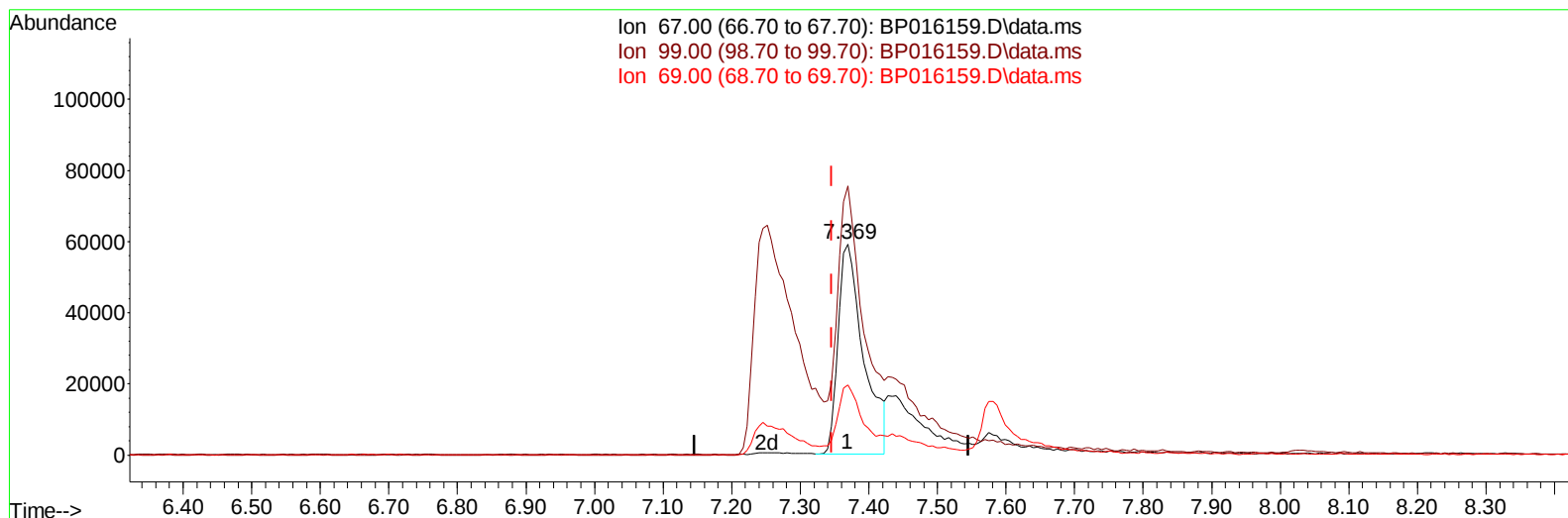
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
 Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

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

7.369min (+ 0.024) 17.26 ng/u1

response 151461

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	127.38
69.00	32.10	33.18
0.00	0.00	0.00

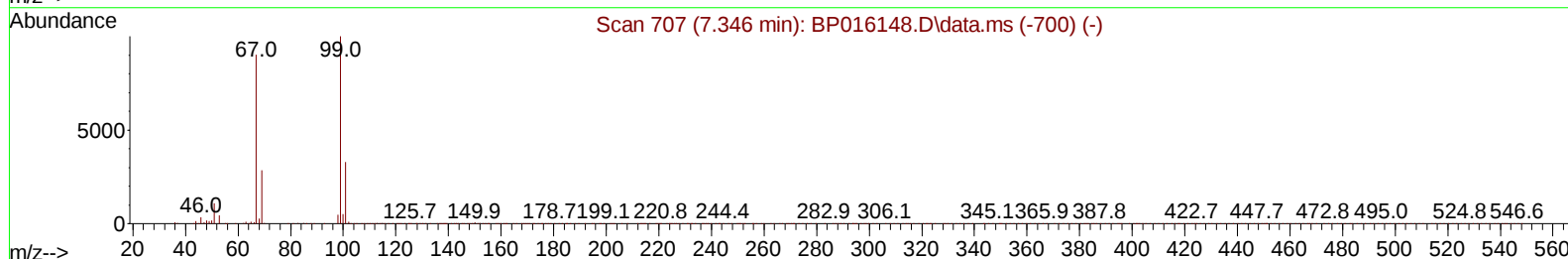
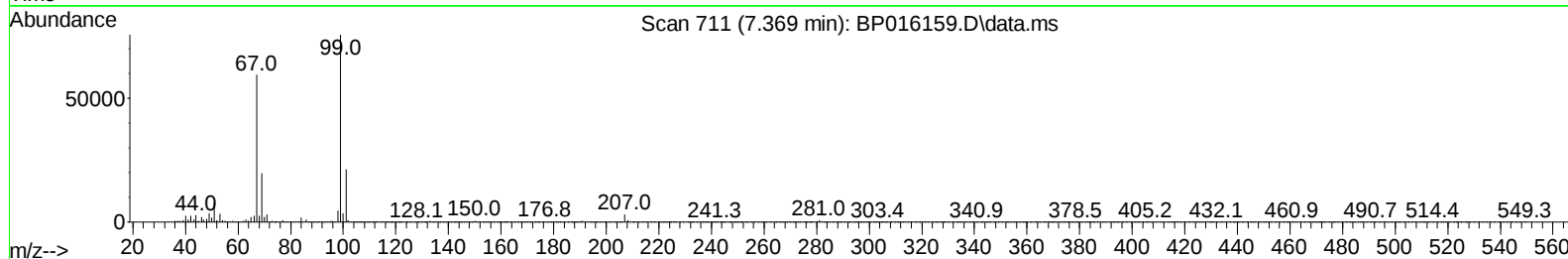
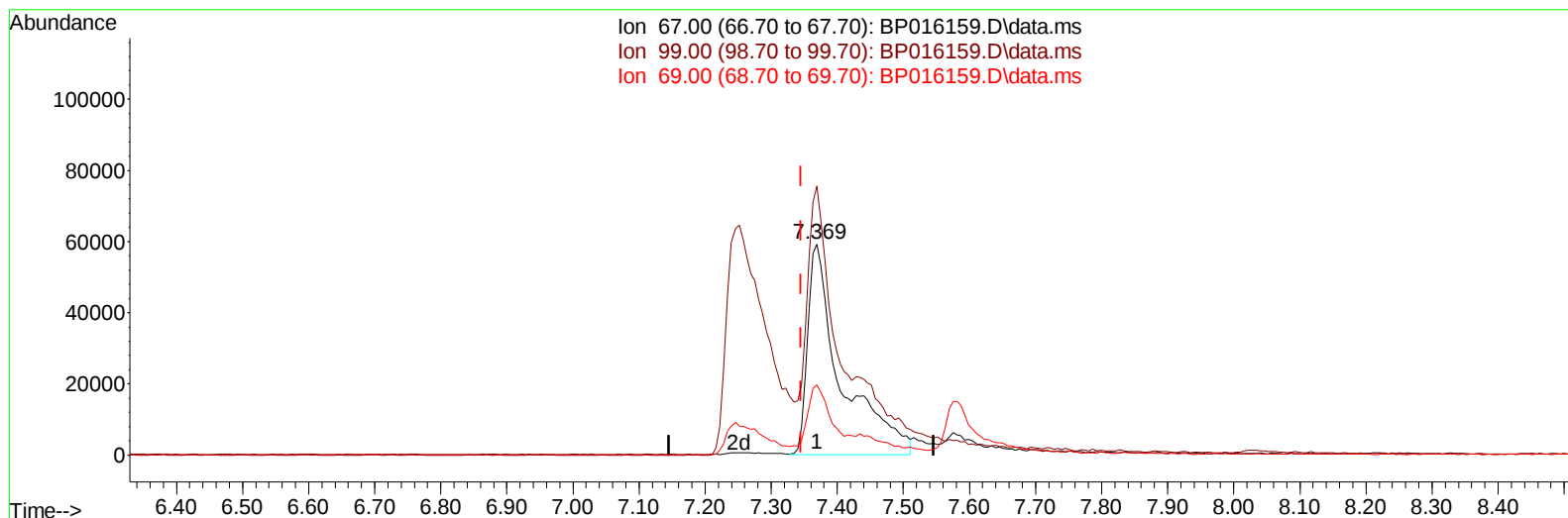
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
 Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

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

7.369min (+ 0.024) 23.72 ng/ul m

response 208116

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	127.38
69.00	32.10	33.18
0.00	0.00	0.00

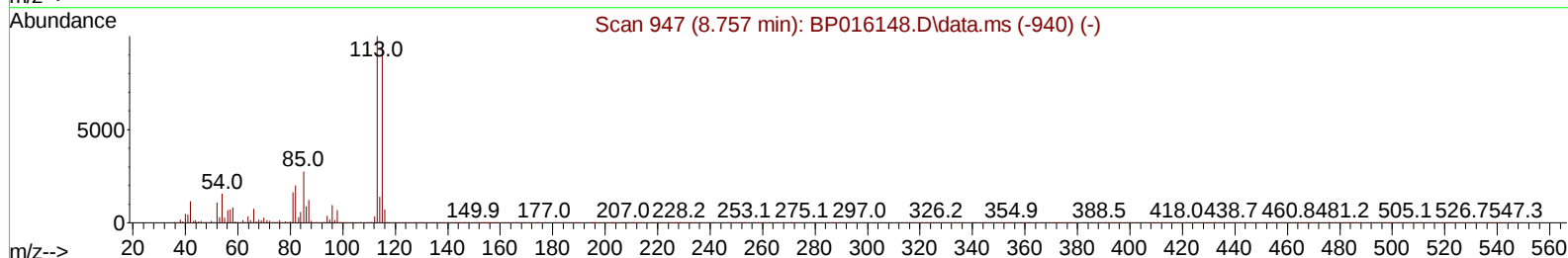
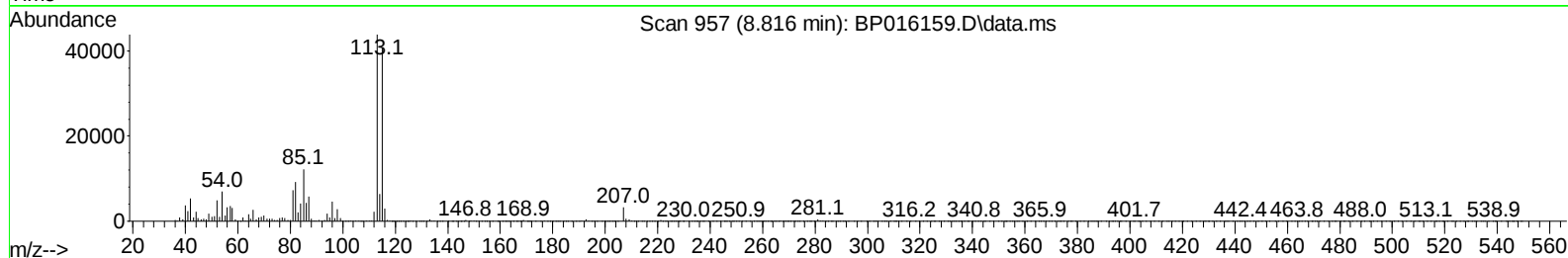
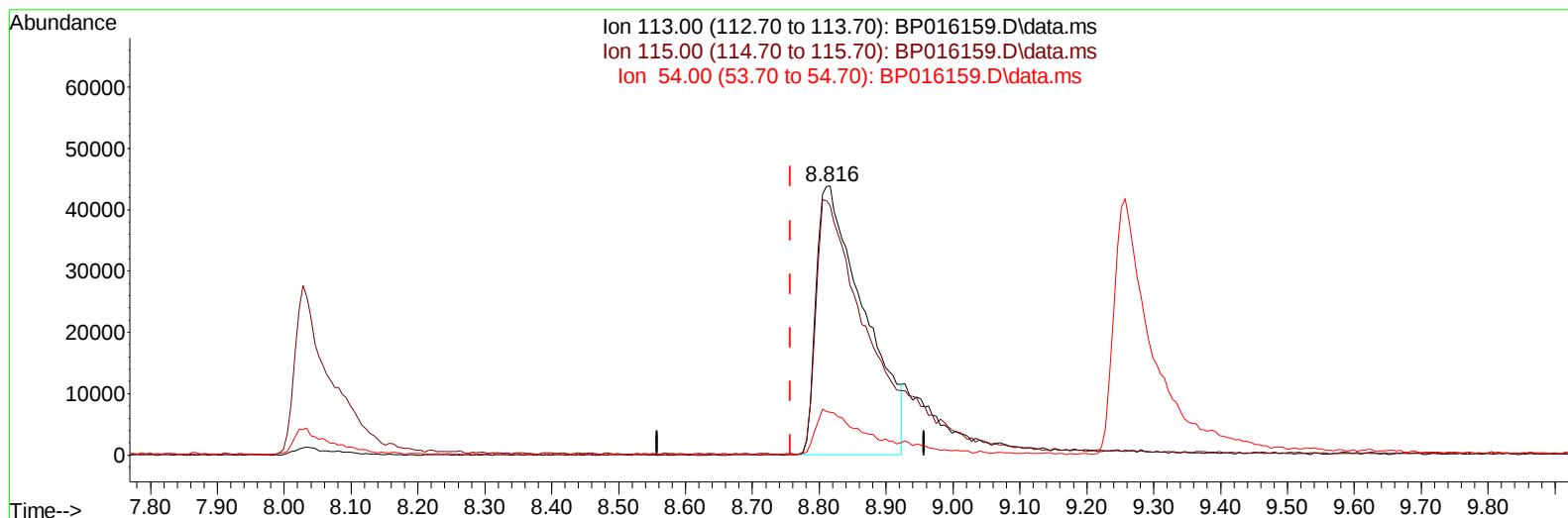
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016159.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.816min (+ 0.059) 19.38 ng/u1

response 217045

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	92.88
54.00	16.10	15.93
0.00	0.00	0.00

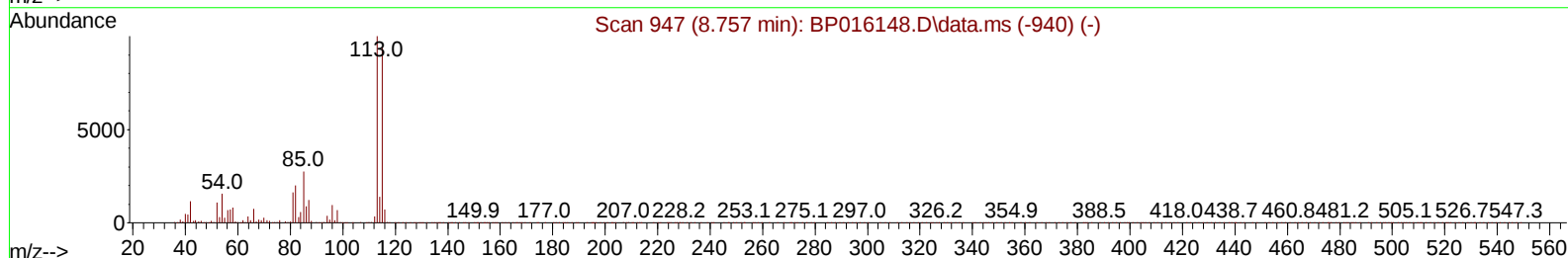
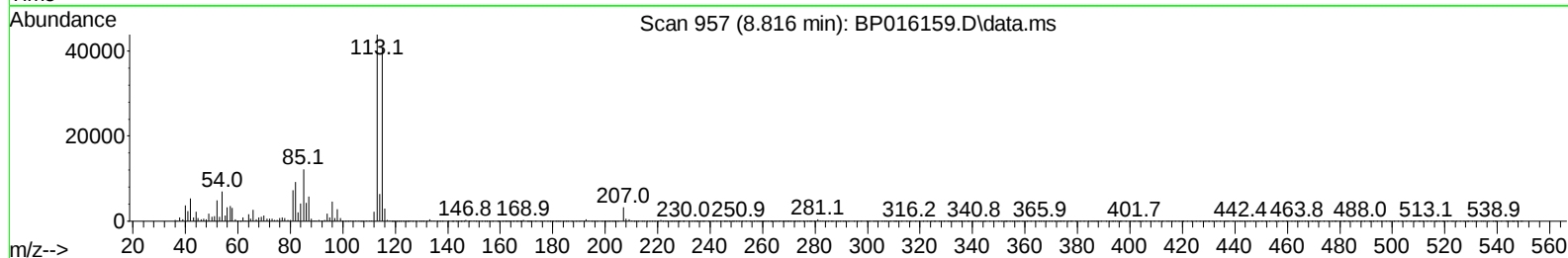
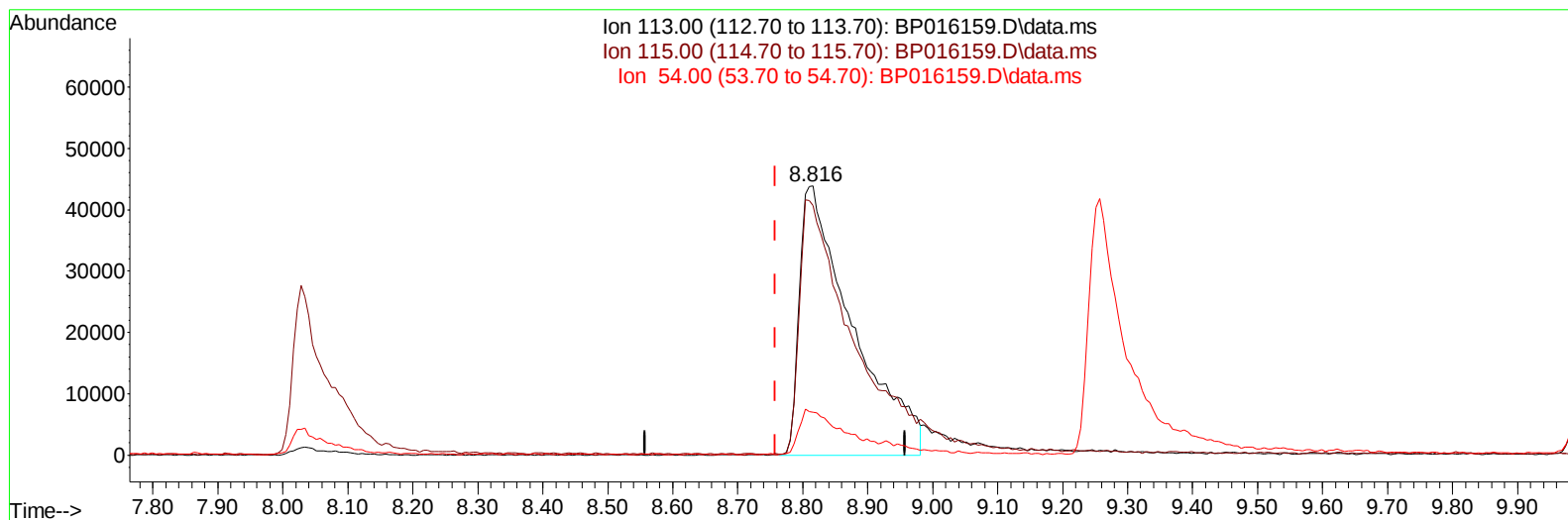
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016159.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.816min (+ 0.059) 22.02 ng/ul m

response 246620

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	92.88
54.00	16.10	15.93
0.00	0.00	0.00

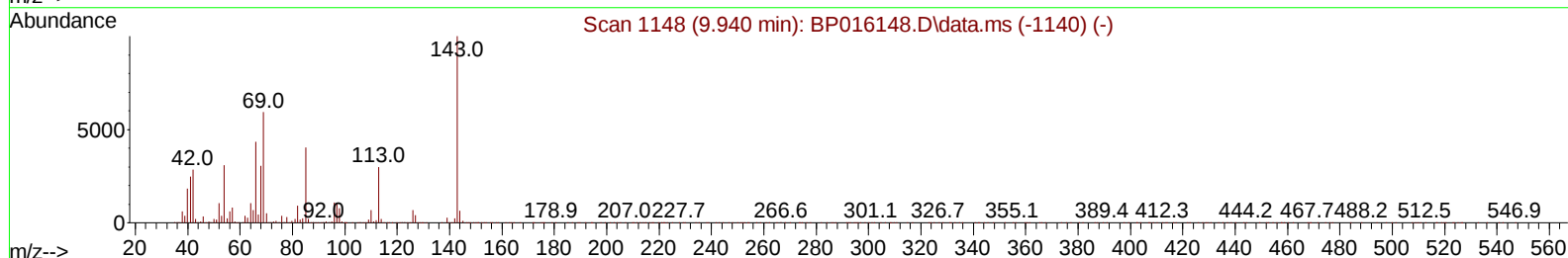
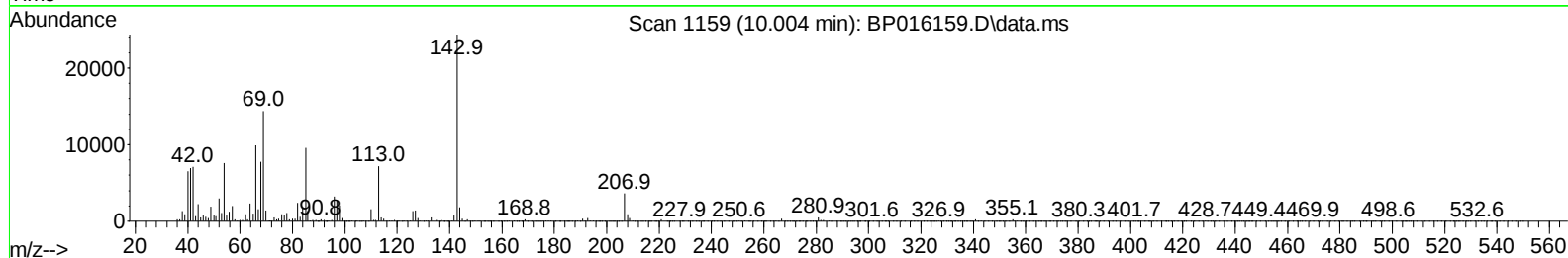
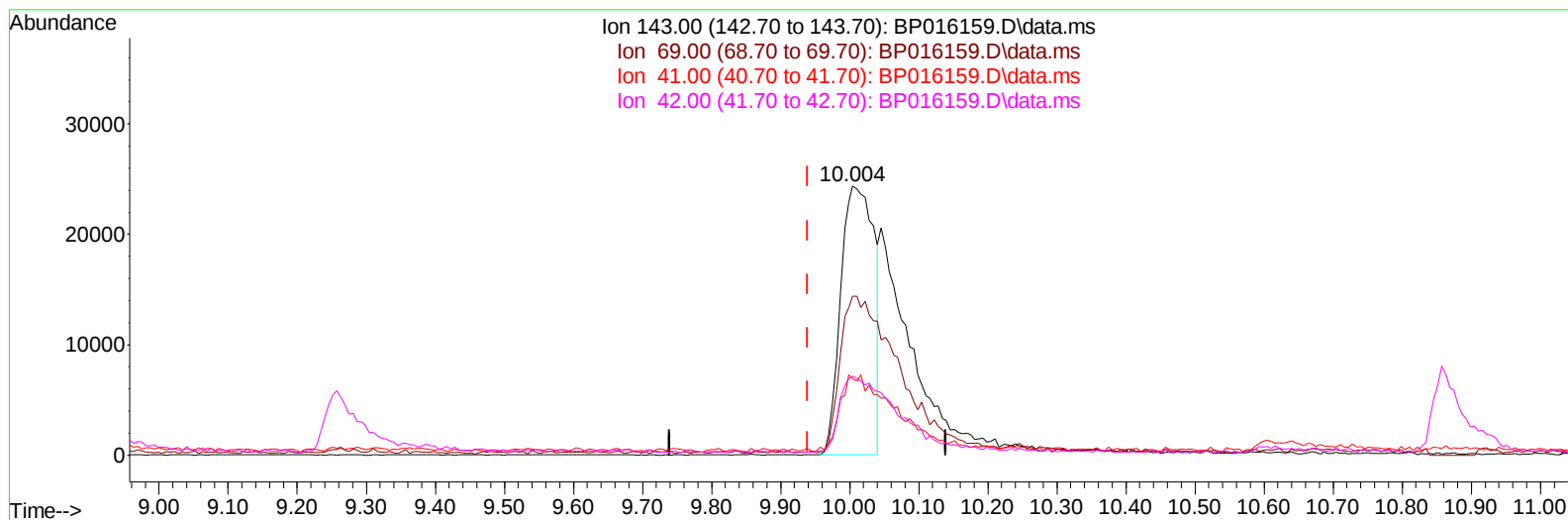
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

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



TIC: BP016159.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.004min (+ 0.065) 10.73 ng/u1

response 81228

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	59.10
41.00	26.80	28.53
42.00	30.50	29.29

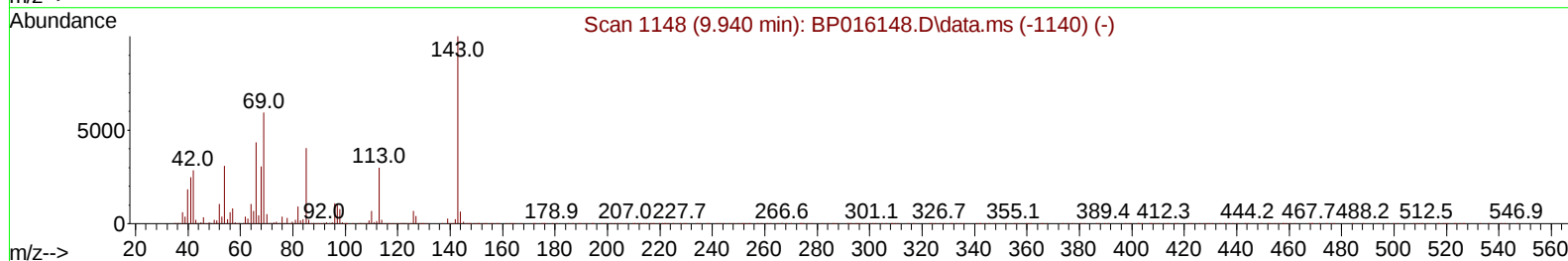
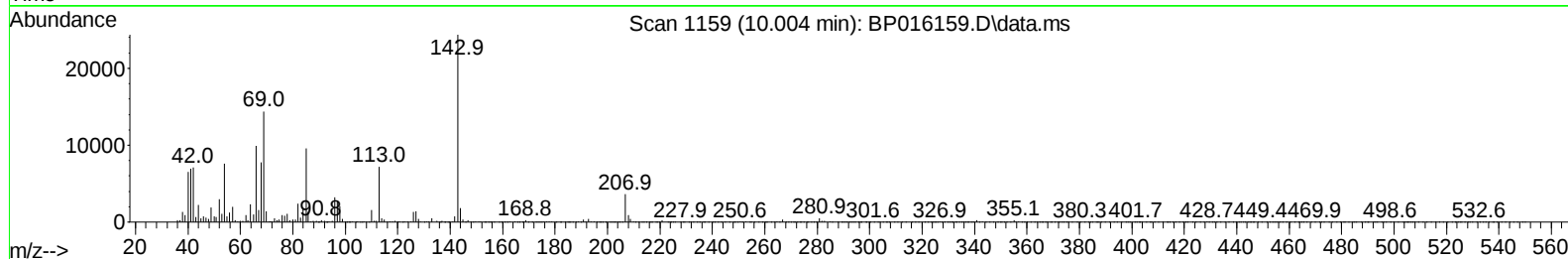
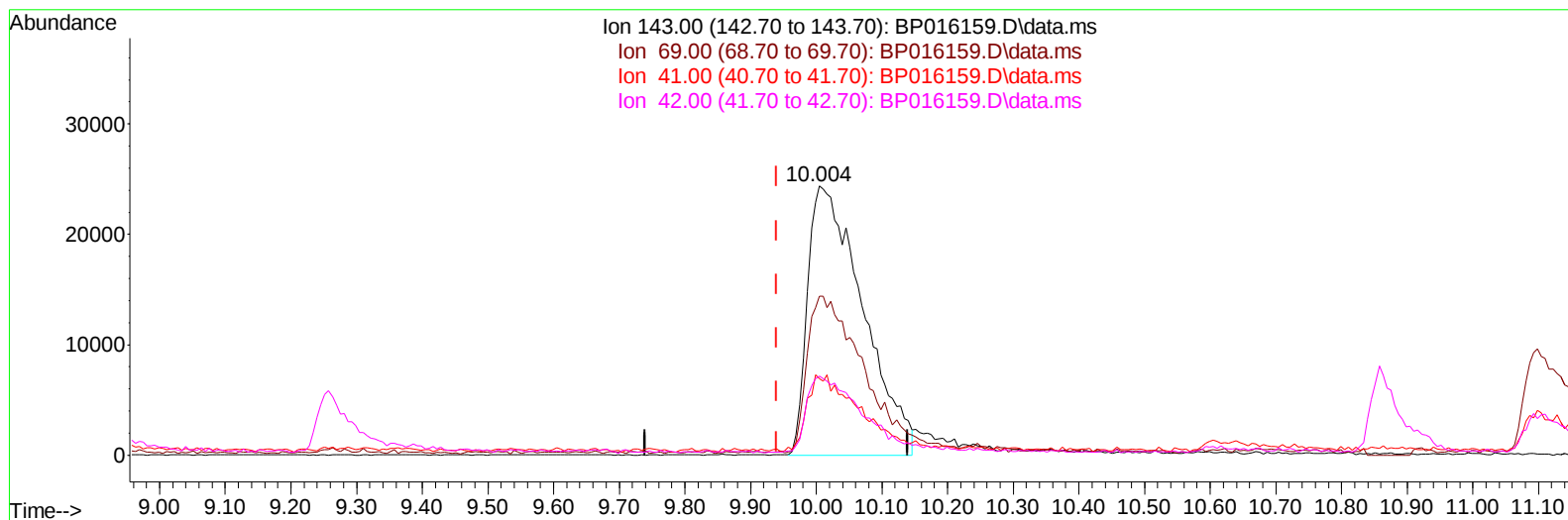
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Data File : BP016159.D
Acq On : 10 Jul 2023 15:16
Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.004min (+ 0.065) 18.67 ng/ul m

response 141313

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	59.10
41.00	26.80	28.53
42.00	30.50	29.29

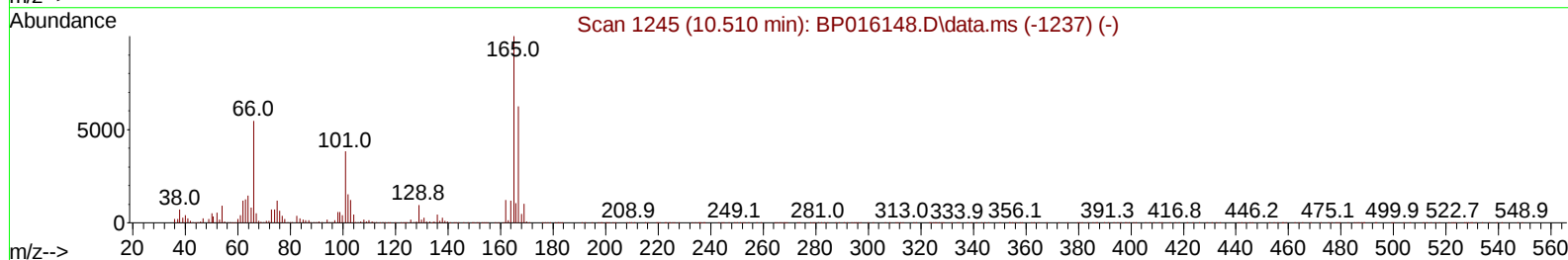
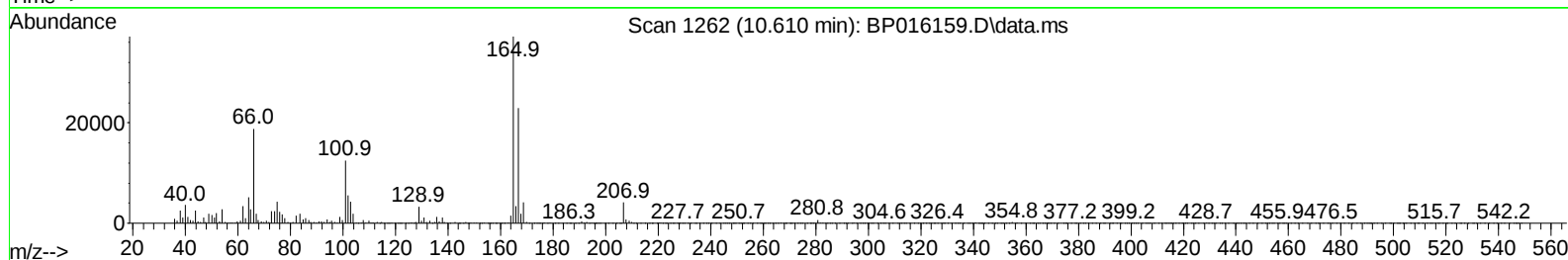
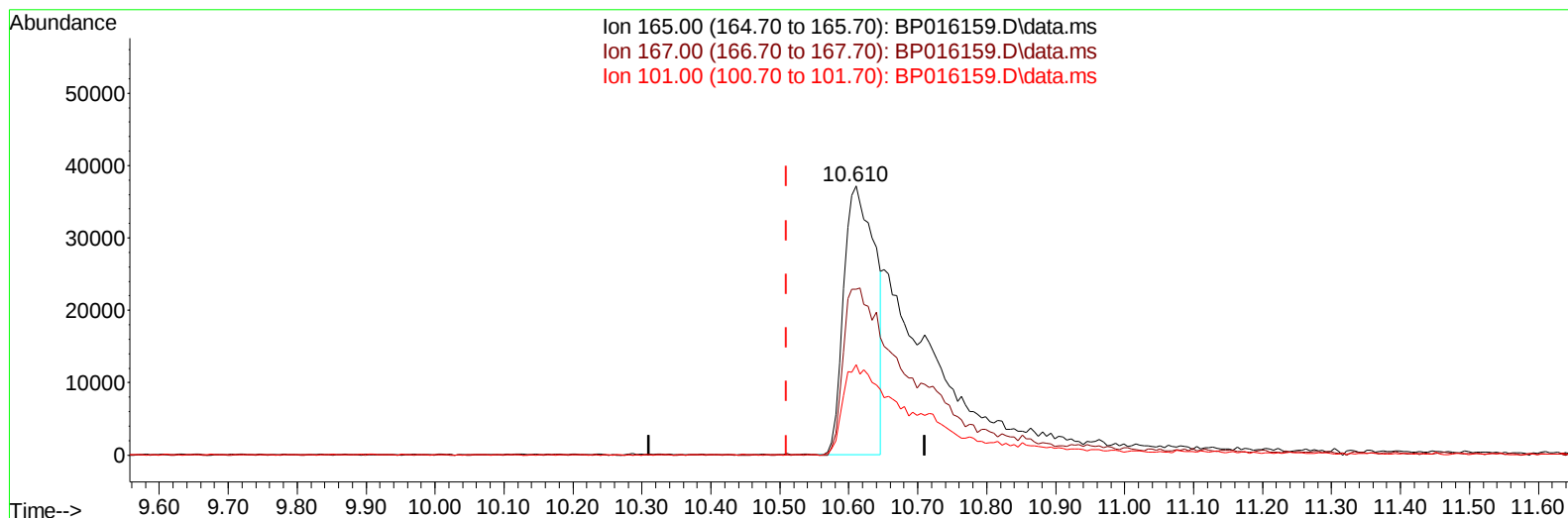
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016159.D
Acq On : 10 Jul 2023 15:16
Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

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

10.610min (+ 0.100) 8.65 ng/ul

response 116764

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	61.64
101.00	37.30	33.69
0.00	0.00	0.00

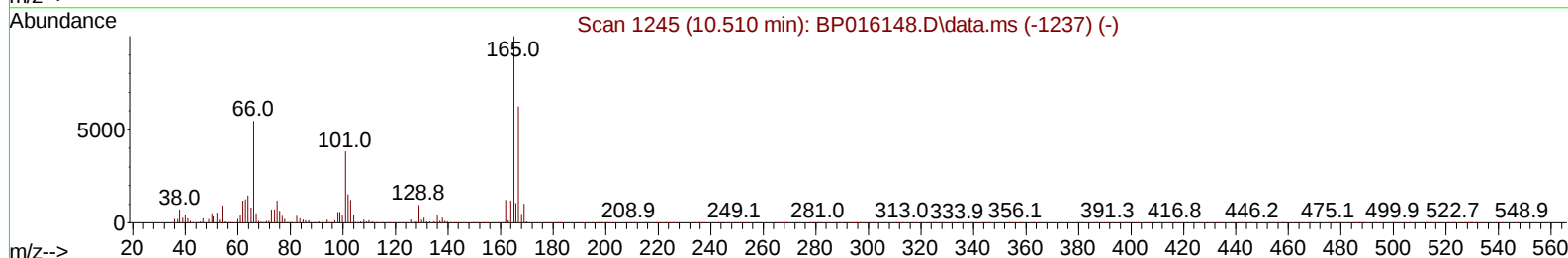
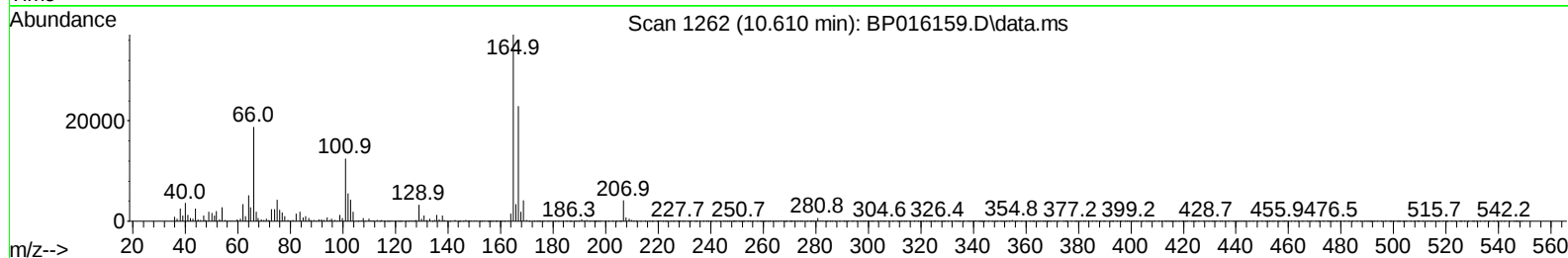
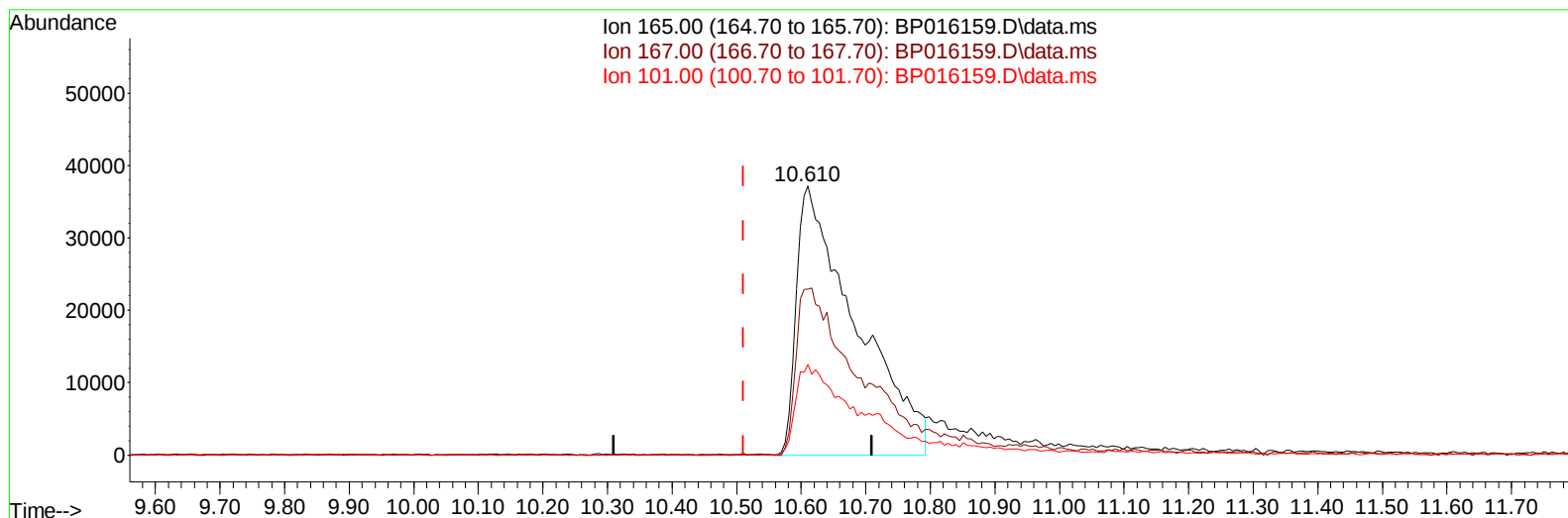
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
 Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

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

10.610min (+ 0.100) 17.62 ng/ul m

response 237674

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	61.64
101.00	37.30	33.69
0.00	0.00	0.00

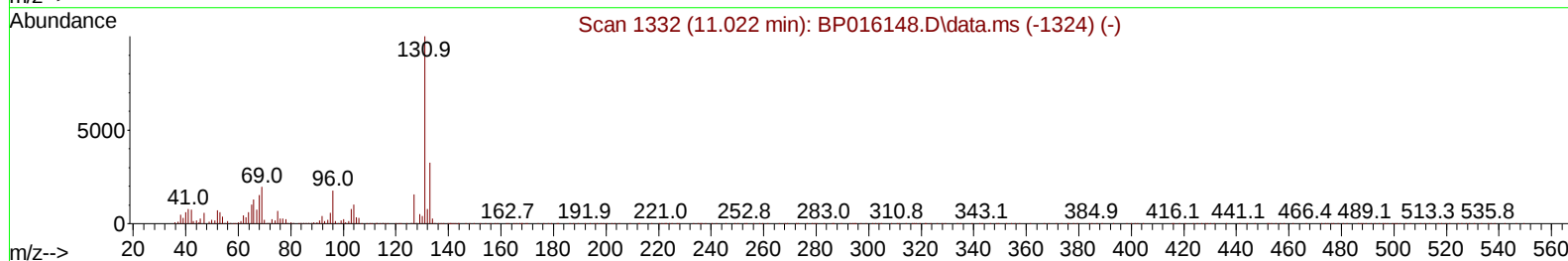
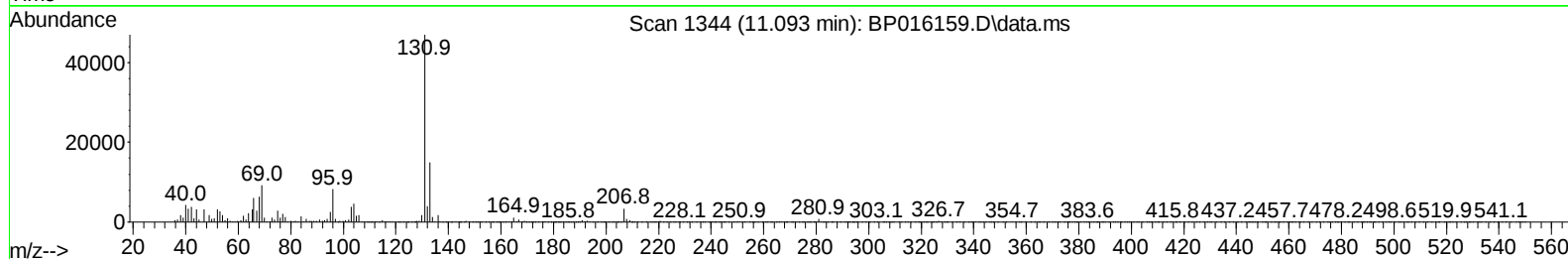
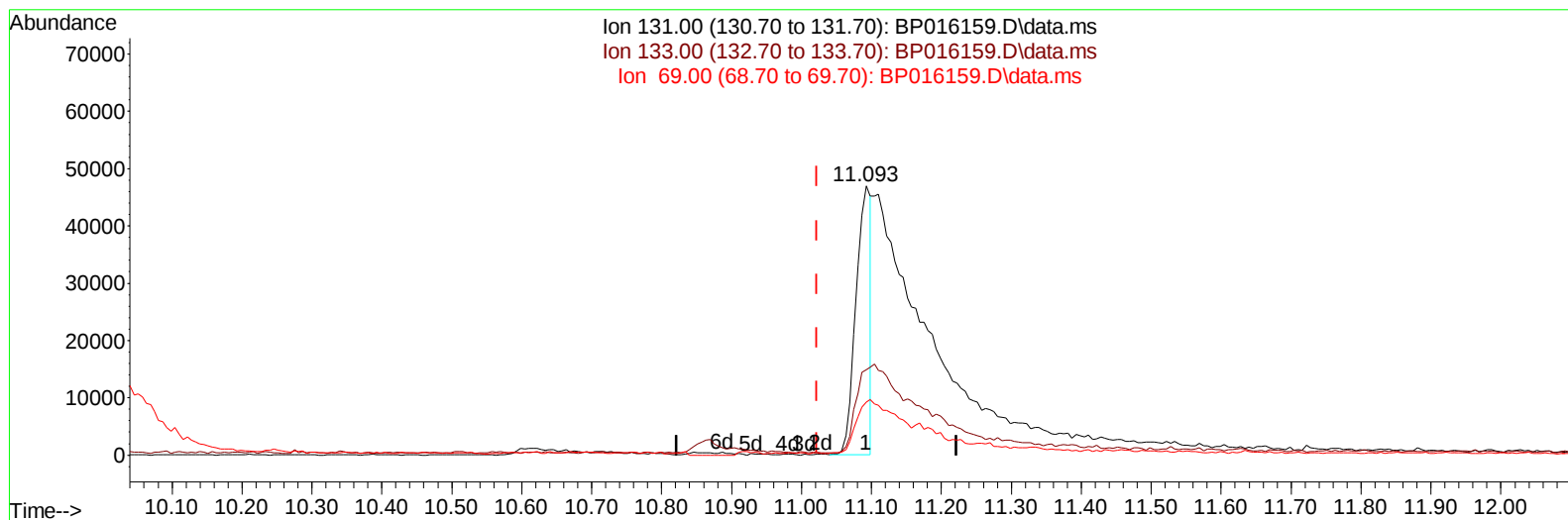
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

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



TIC: BP016159.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.071) 4.10 ng/u1

response 71078

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	31.76
69.00	22.20	19.80
0.00	0.00	0.00

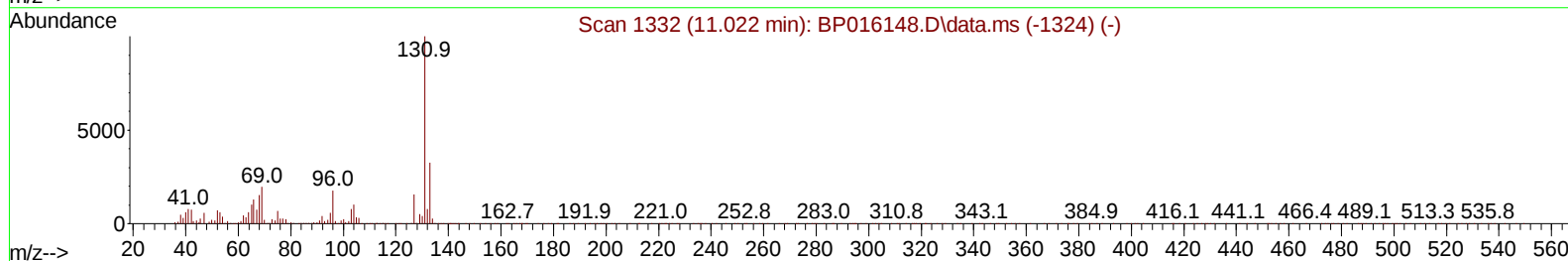
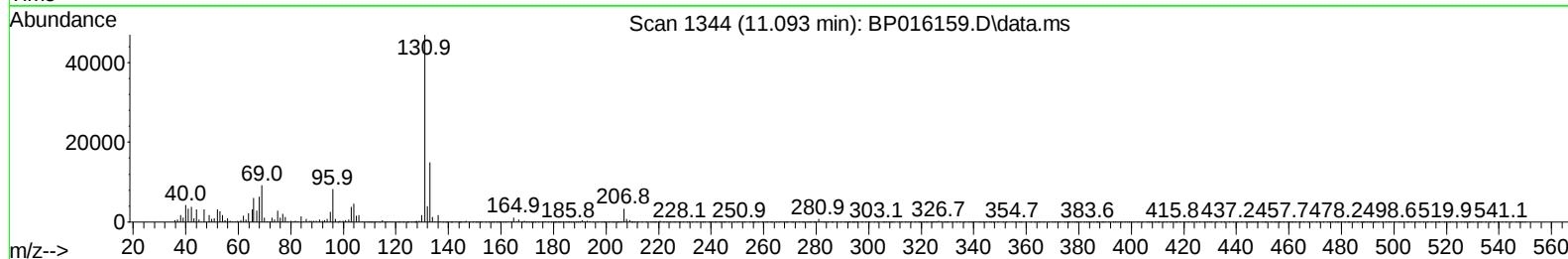
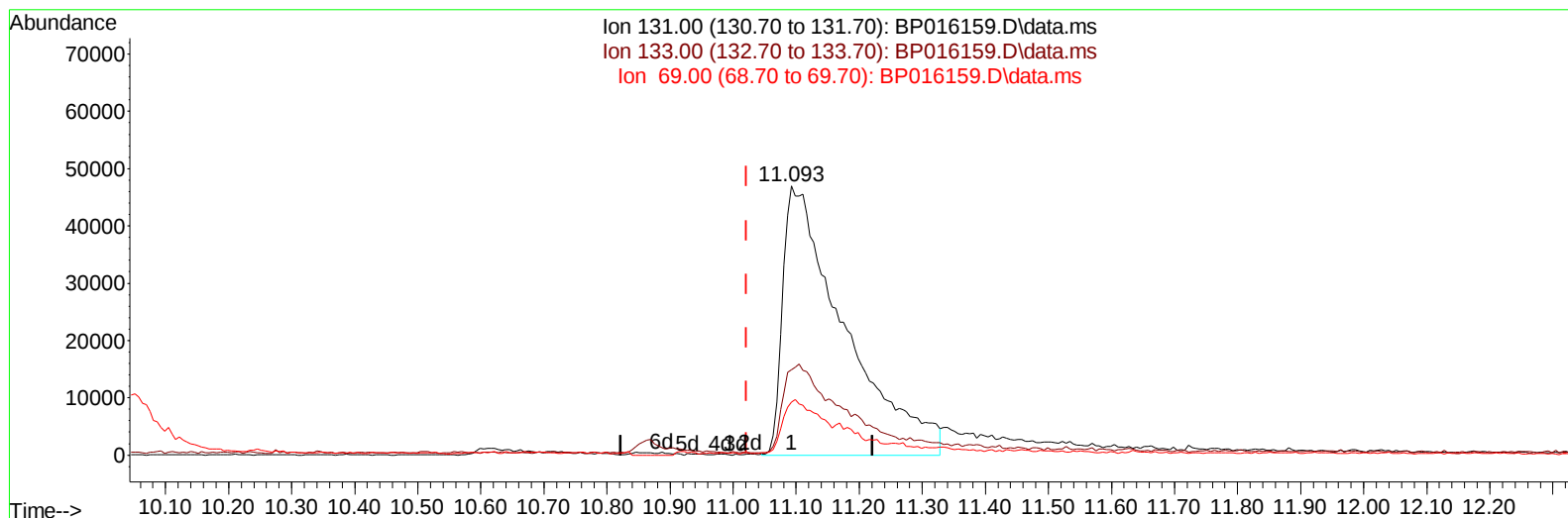
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
 Acq On : 10 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03404-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
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Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BP016159.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.071) 18.34 ng/ul m

response 317896

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	31.76
69.00	22.20	19.80
0.00	0.00	0.00

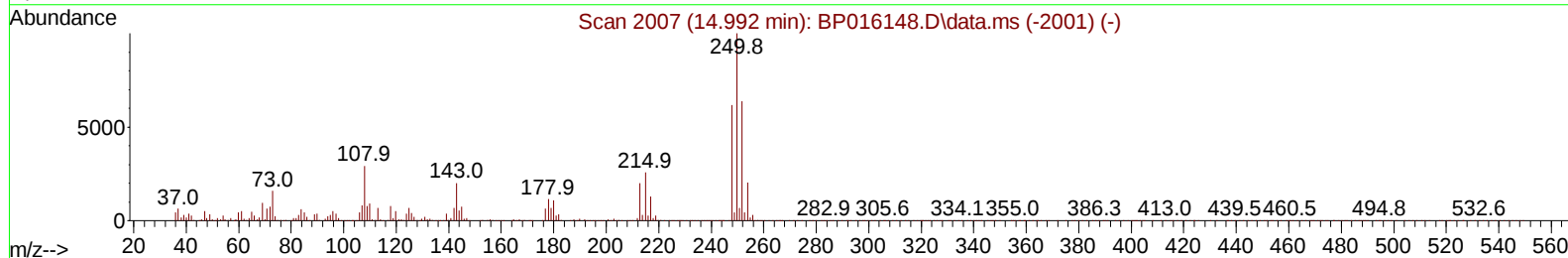
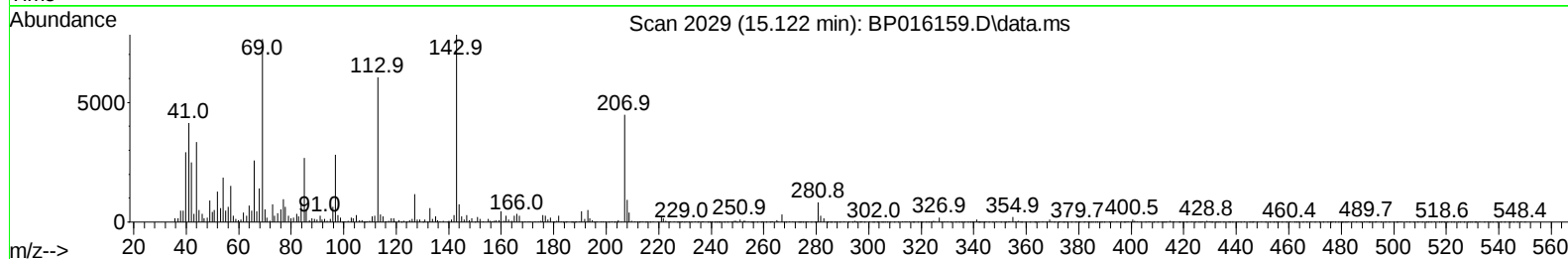
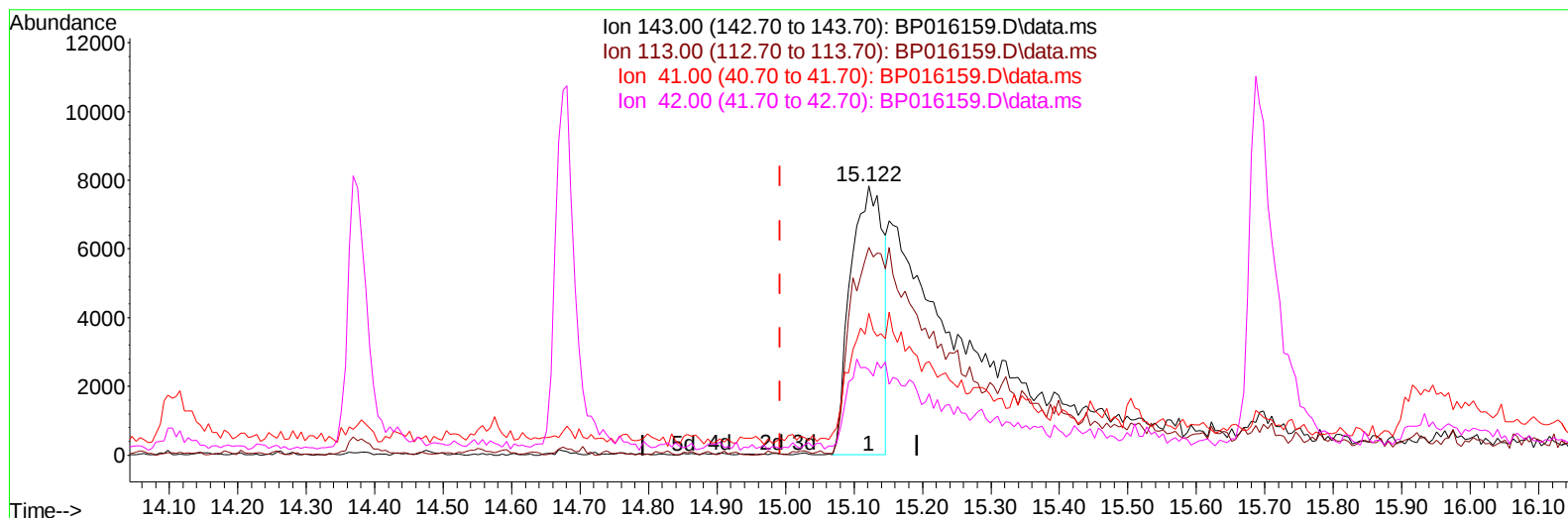
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016159.D
Acq On : 10 Jul 2023 15:16
Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
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Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BP016159.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.122min (+ 0.129) 4.31 ng/u1

response 25637

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	77.15
41.00	45.70	52.78
42.00	31.20	31.71

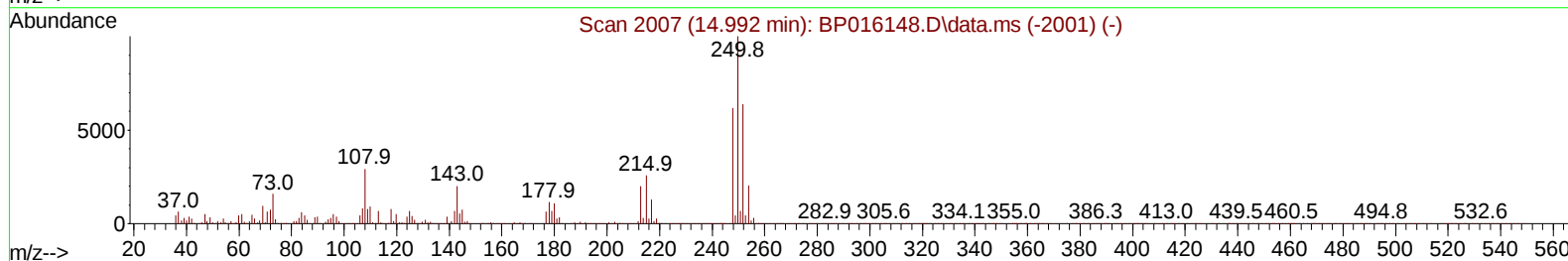
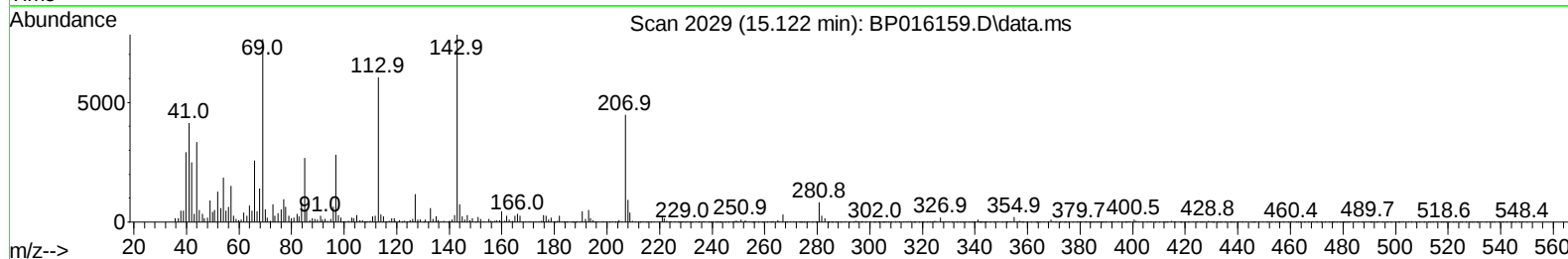
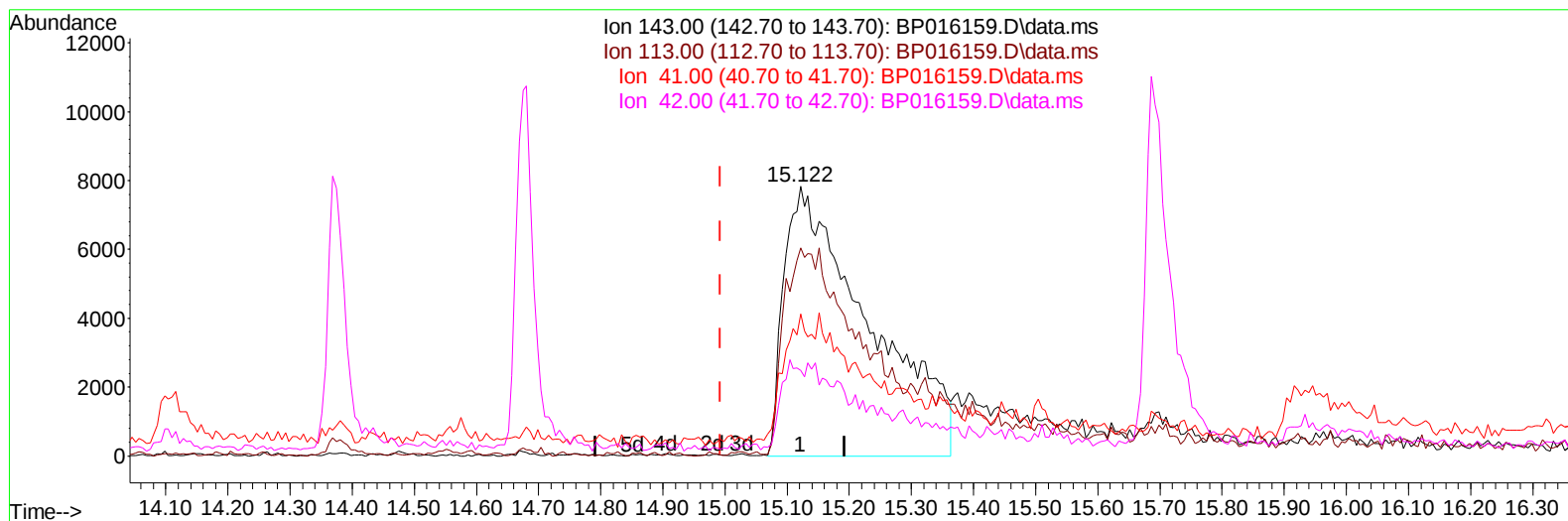
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016159.D
Acq On : 10 Jul 2023 15:16
Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.122min (+ 0.129) 12.43 ng/ul m

response 73868

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	77.15
41.00	45.70	52.78
42.00	31.20	31.71

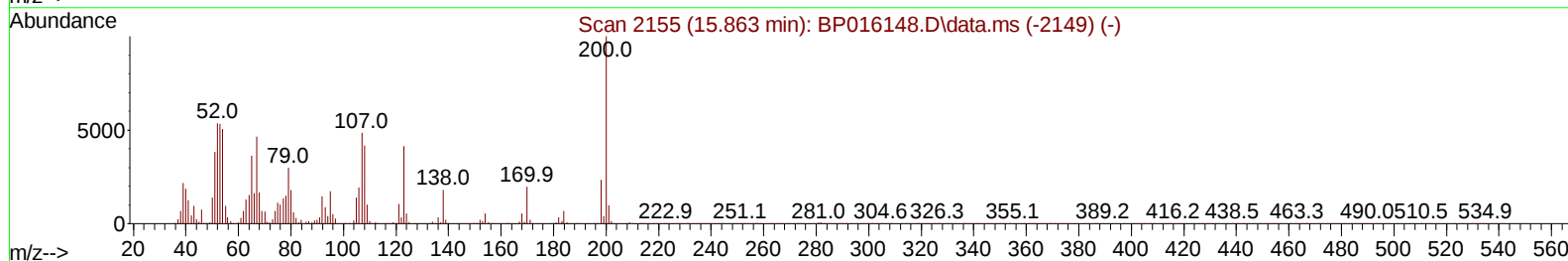
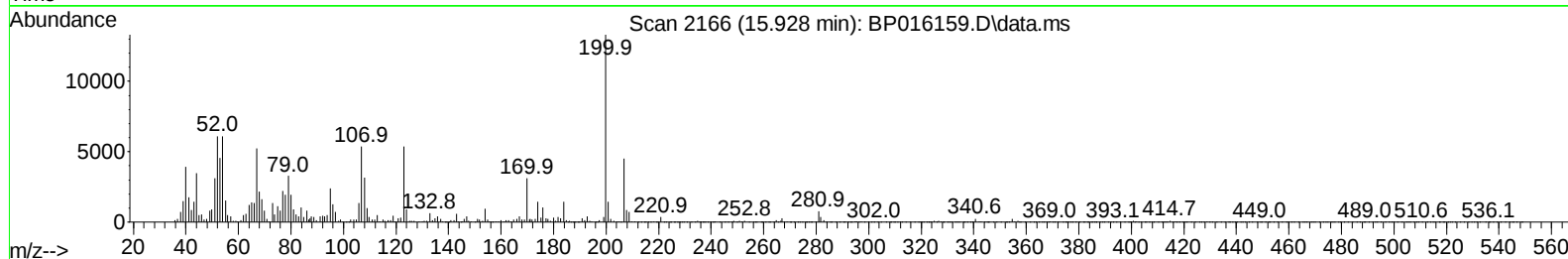
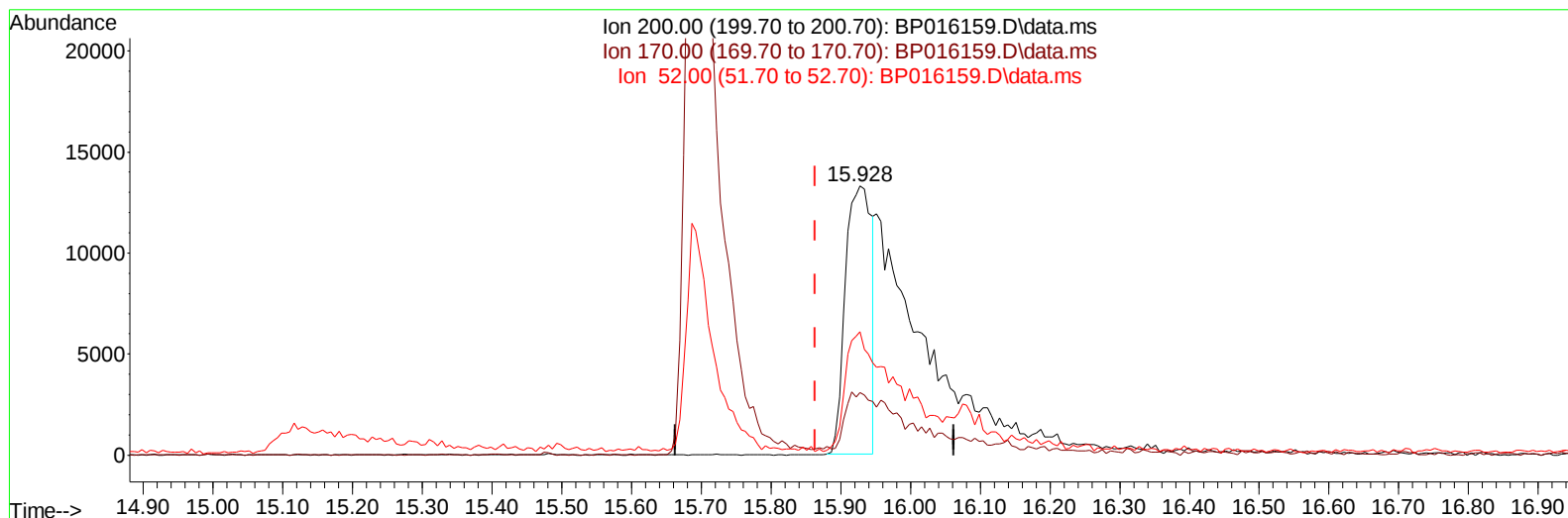
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016159.D
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Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

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



TIC: BP016159.D\data.ms

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

15.928min (+ 0.065) 4.30 ng/u1

response 34334

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	24.78
52.00	52.20	45.92
0.00	0.00	0.00

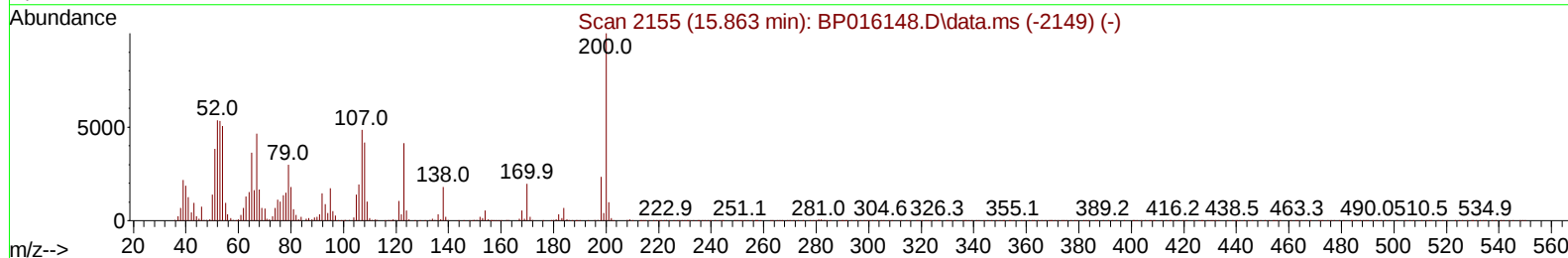
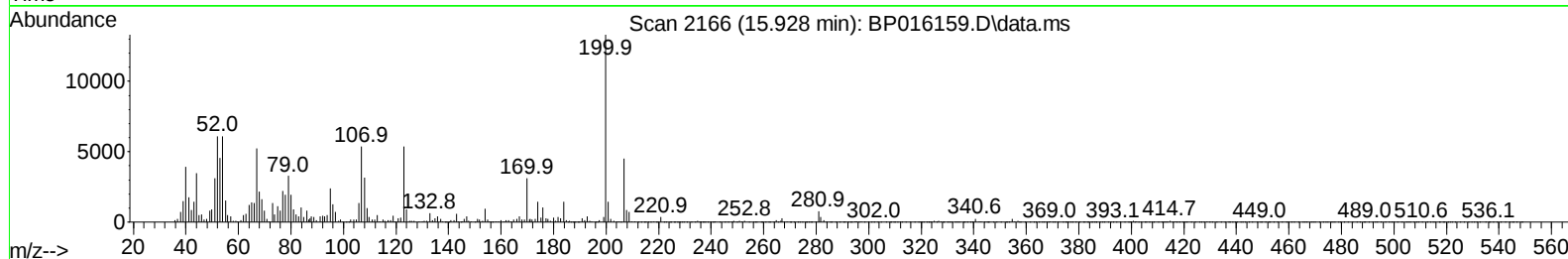
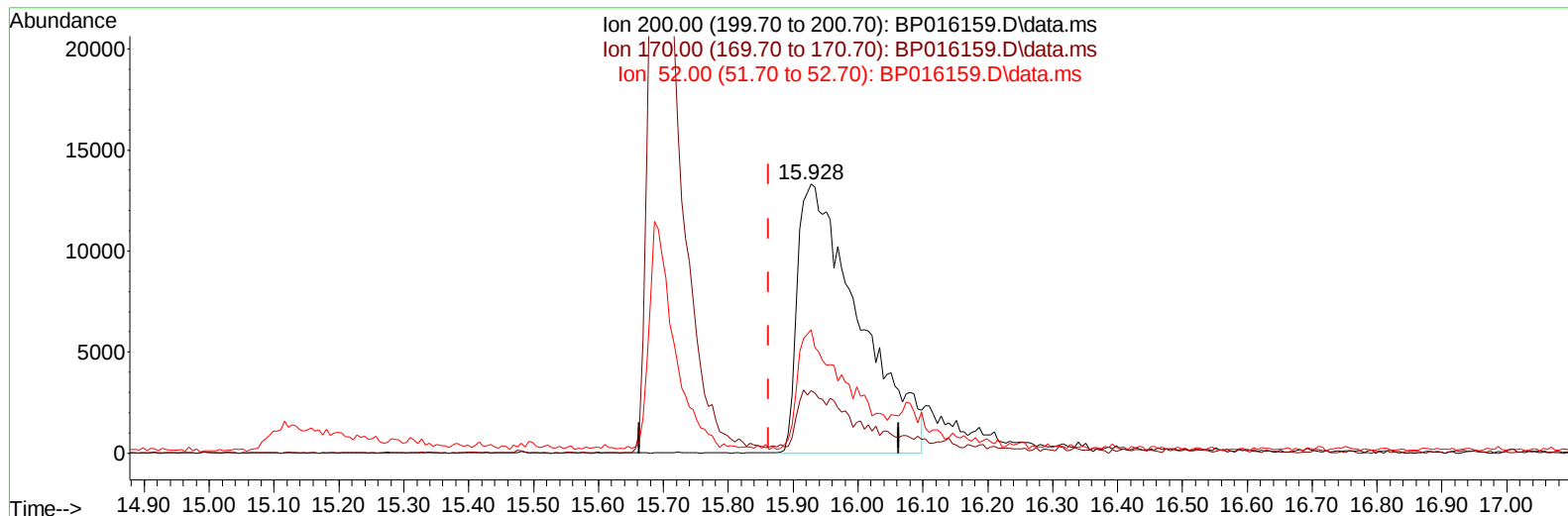
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016159.D
Acq On : 10 Jul 2023 15:16
Operator : MA/JU
Sample : 03404-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW41

Manual IntegrationsAPPROVED

Quant Time: Jul 10 22:24:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 22:19:01 2023
Response via : Initial Calibration

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



TIC: BP016159.D\data.ms

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

15.928min (+ 0.065) 10.96 ng/ul m

response 87538

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	23.32
52.00	52.20	45.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016159.D
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Manual IntegrationsAPPROVED

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

Quant Time: Jul 10 23:14:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	165727	20.000	ng/ul	0.01
20) Naphthalene-d8	10.857	136	848781	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.675	164	582757	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1298592	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1273679	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1296647	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	19143	4.156	ng/uL	0.00
4) Pyridine-d5	3.805	84	128733	11.087	ng/ul	0.01
7) Phenol-d5	7.252	99	264666	18.665	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.369	67	208116m	23.723	ng/ul	0.02
11) 2-Chlorophenol-d4	7.581	132	224062	20.933	ng/ul	0.04
15) 4-Methylphenol-d8	8.816	113	246620m	22.016	ng/ul	0.06
21) Nitrobenzene-d5	9.257	128	113705	17.529	ng/ul	0.05
24) 2-Nitrophenol-d4	10.004	143	141313m	18.666	ng/ul	0.06
28) 2,4-Dichlorophenol-d3	10.610	165	237674m	17.617	ng/ul	0.10
31) 4-Chloroaniline-d4	11.093	131	317896m	18.343	ng/ul	0.07
46) Dimethylphthalate-d6	14.104	166	1074847	23.863	ng/ul	0.02
49) Acenaphthylene-d8	14.375	160	1156741	22.845	ng/ul	0.01
54) 4-Nitrophenol-d4	15.122	143	73868m	12.427	ng/ul	0.13
60) Fluorene-d10	15.692	176	963556	25.980	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.928	200	87538m	10.961	ng/ul	0.06
73) Anthracene-d10	17.551	188	1531124	25.812	ng/ul	0.01
81) Pyrene-d10	19.780	212	1943774	23.372	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1604062	24.524	ng/ul	-0.01

Target Compounds Qvalue

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

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