

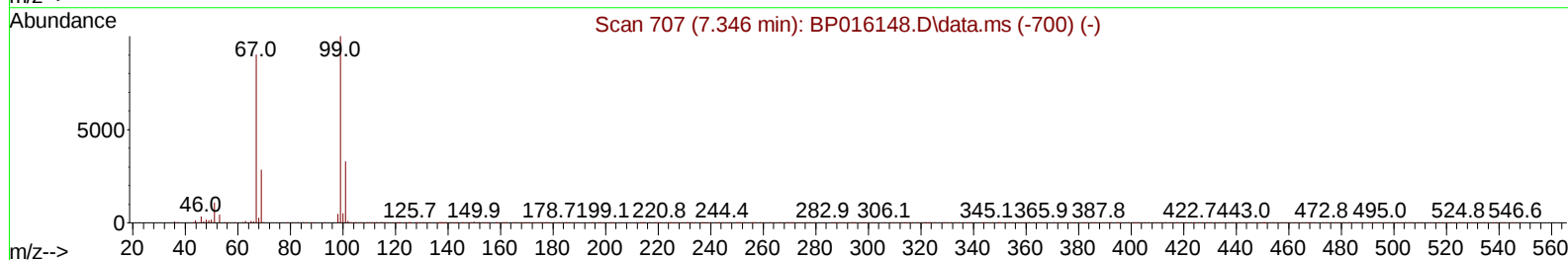
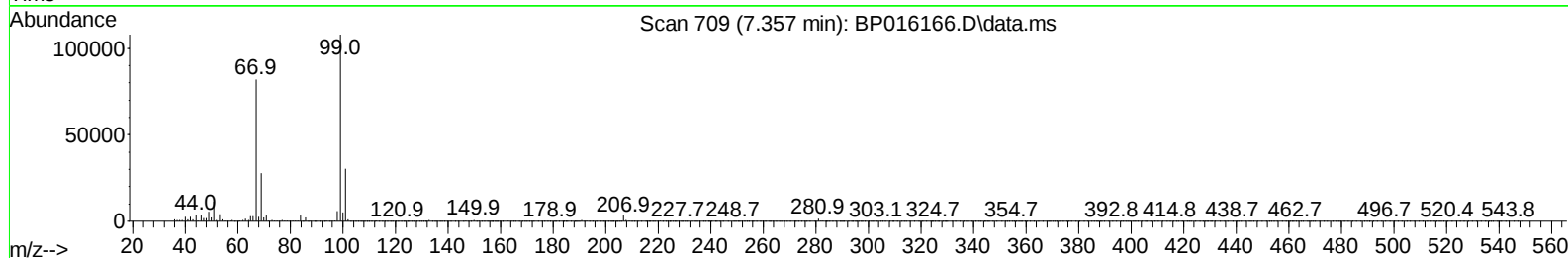
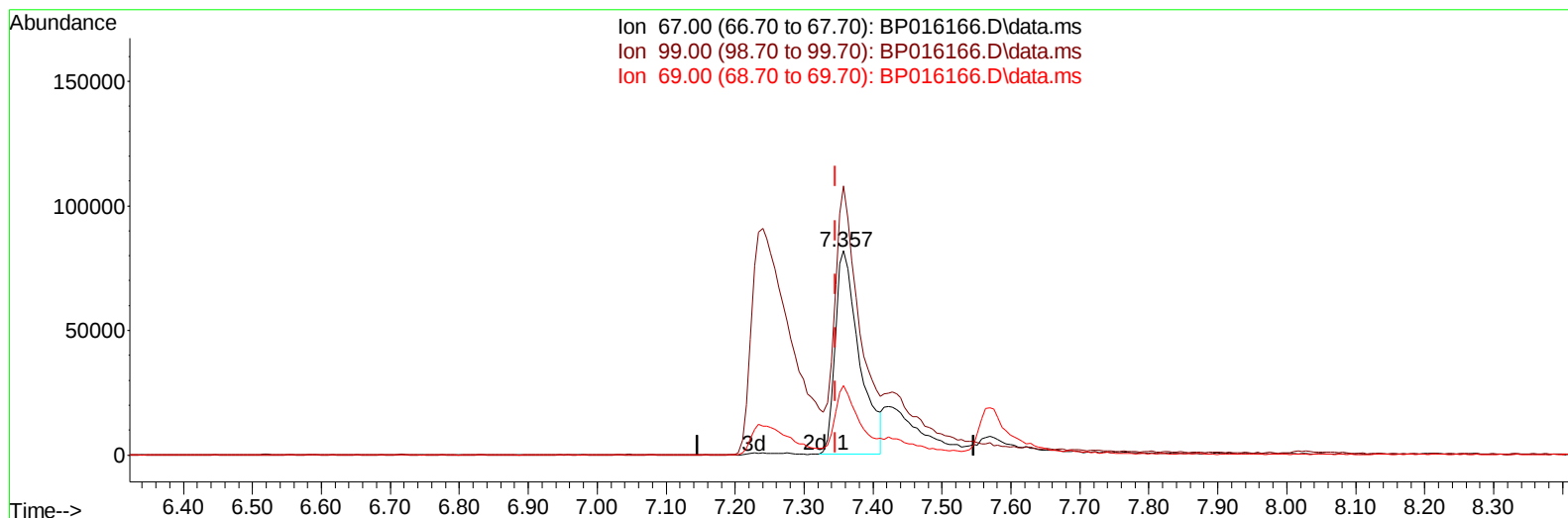
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:22:43 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: BP016166.D\data.ms

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

7.357min (+ 0.012) 18.29 ng/u1

response 197579

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	131.62
69.00	32.10	34.09
0.00	0.00	0.00

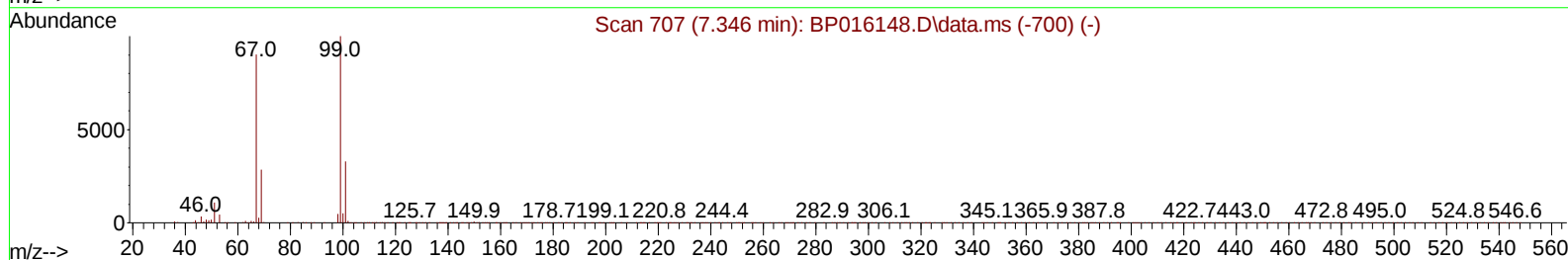
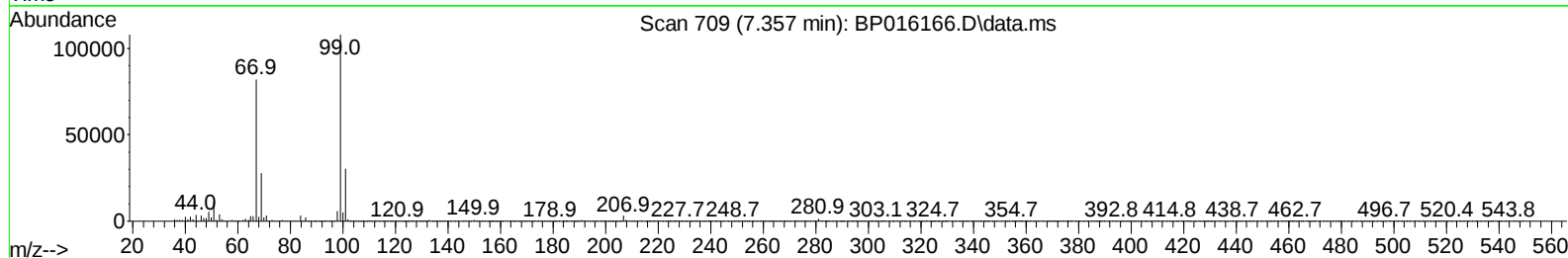
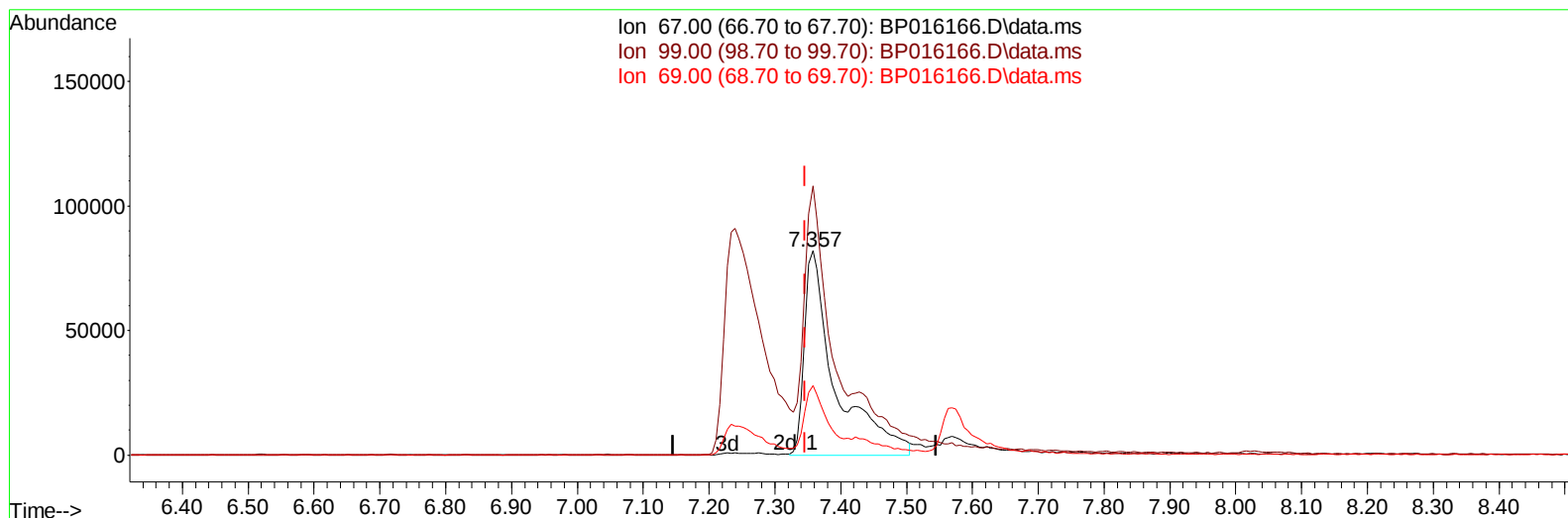
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 10 23:22:43 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: BP016166.D\data.ms

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

7.357min (+ 0.012) 24.72 ng/ul m

response 267090

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	131.62
69.00	32.10	34.09
0.00	0.00	0.00

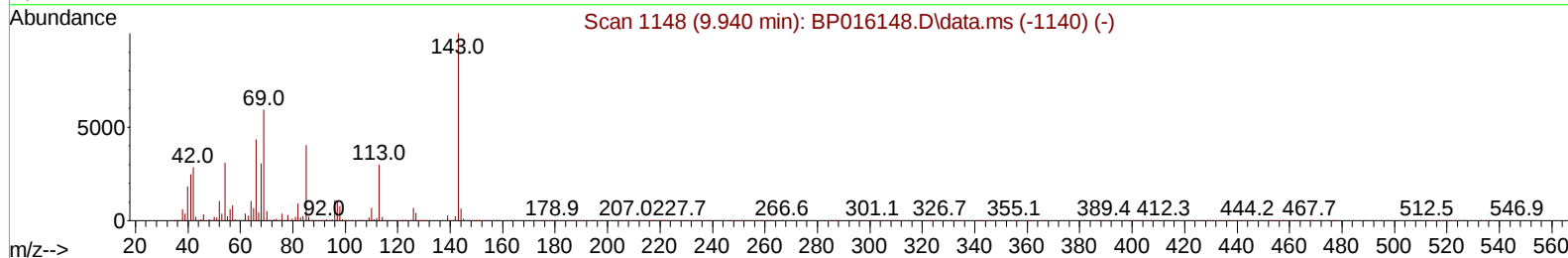
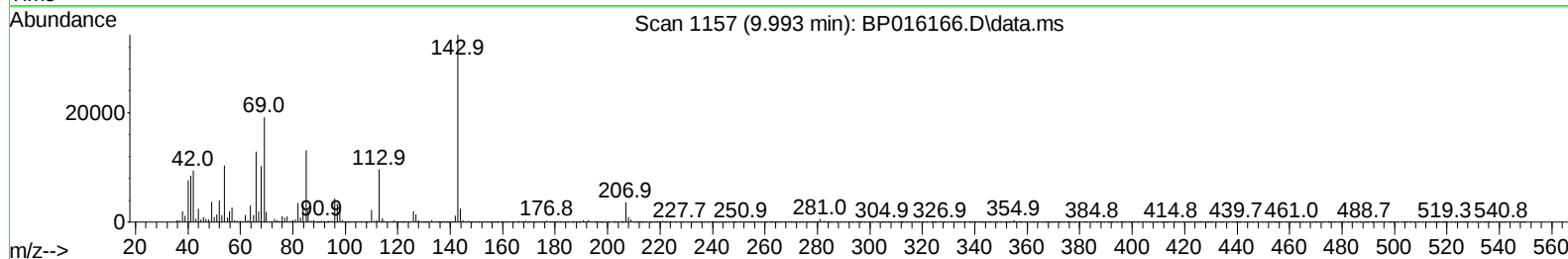
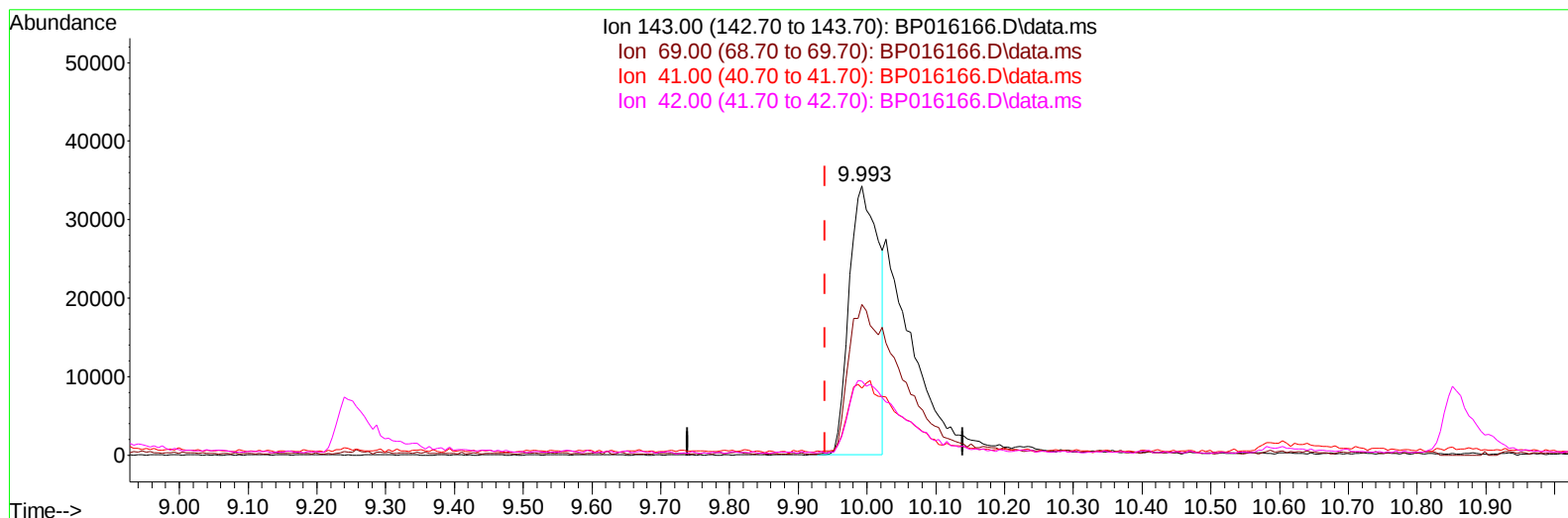
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:24:37 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: BP016166.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.993min (+ 0.053) 12.27 ng/u1

response 101261

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	56.06
41.00	26.80	24.92
42.00	30.50	27.46

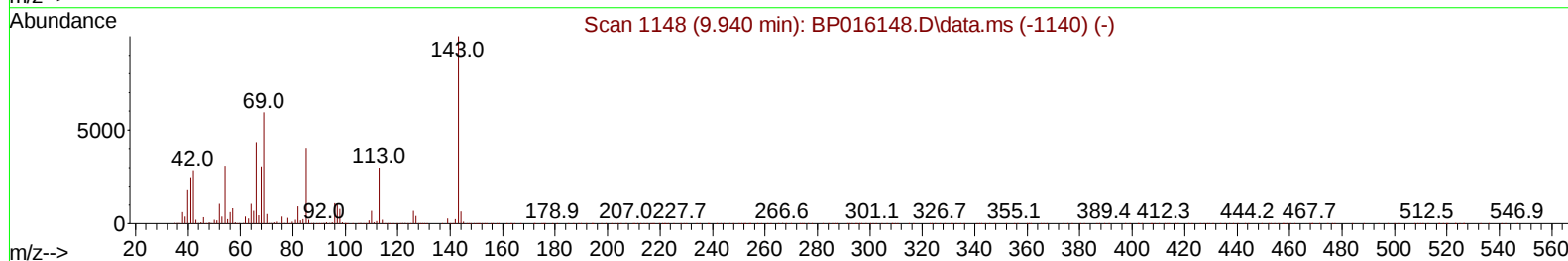
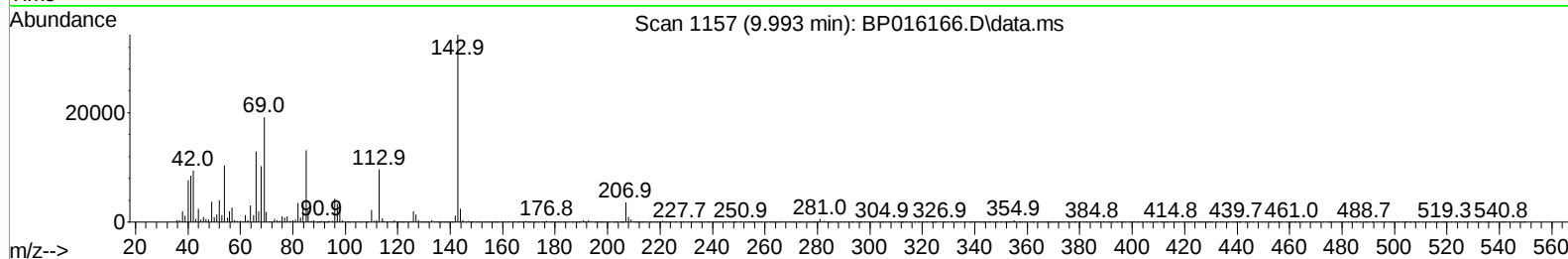
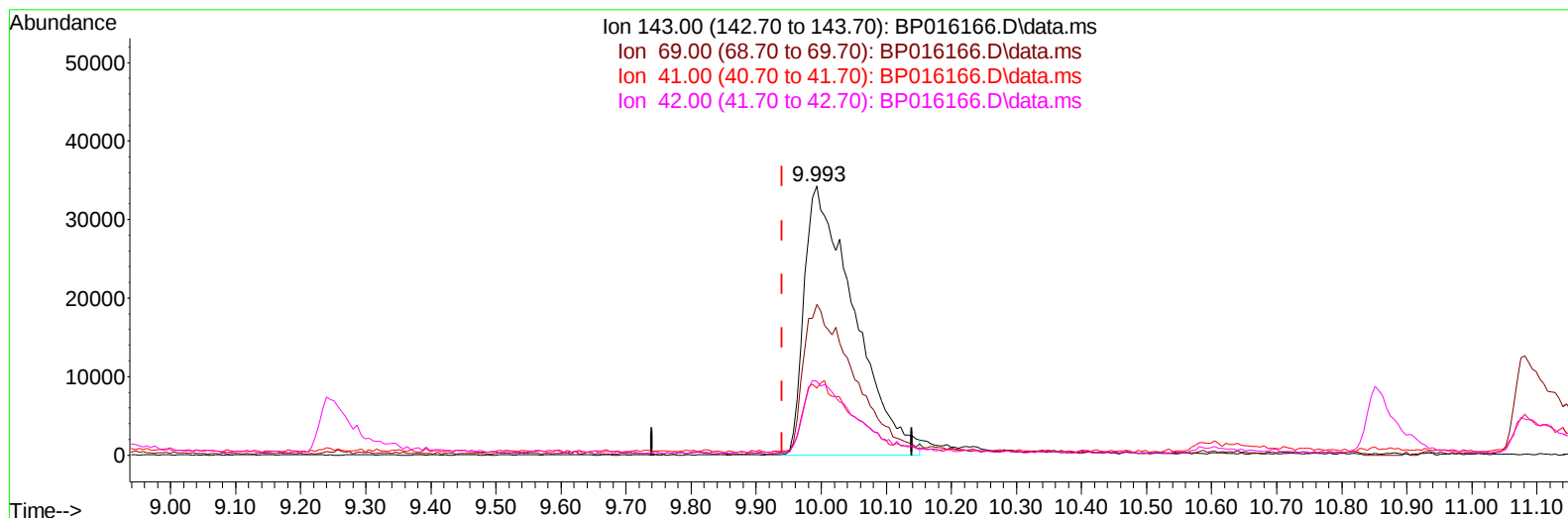
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:24:37 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: BP016166.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.993min (+ 0.053) 21.91 ng/ul m

response 180911

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	56.06
41.00	26.80	24.92
42.00	30.50	27.46

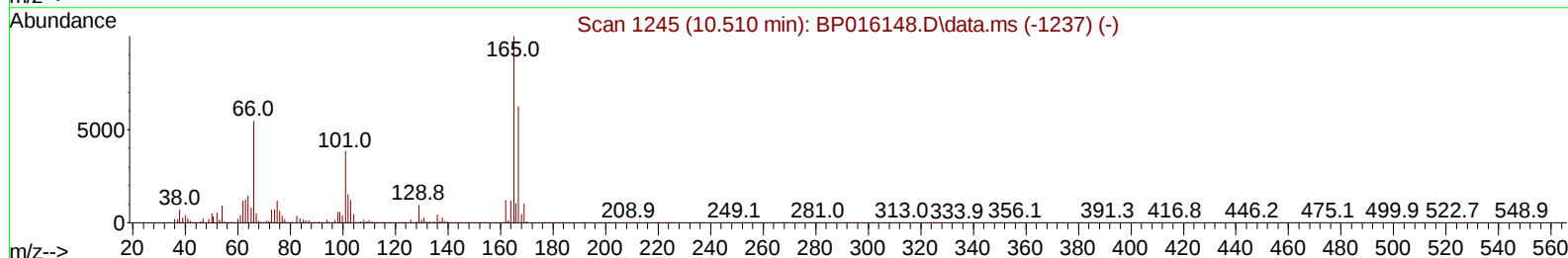
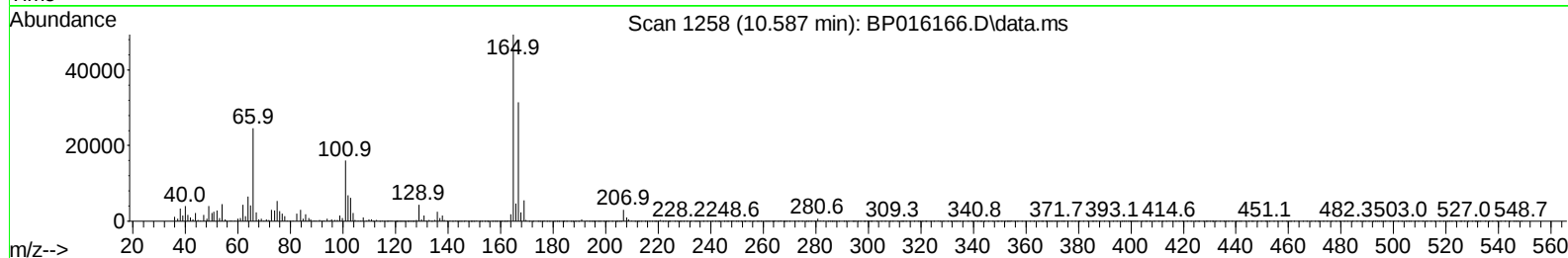
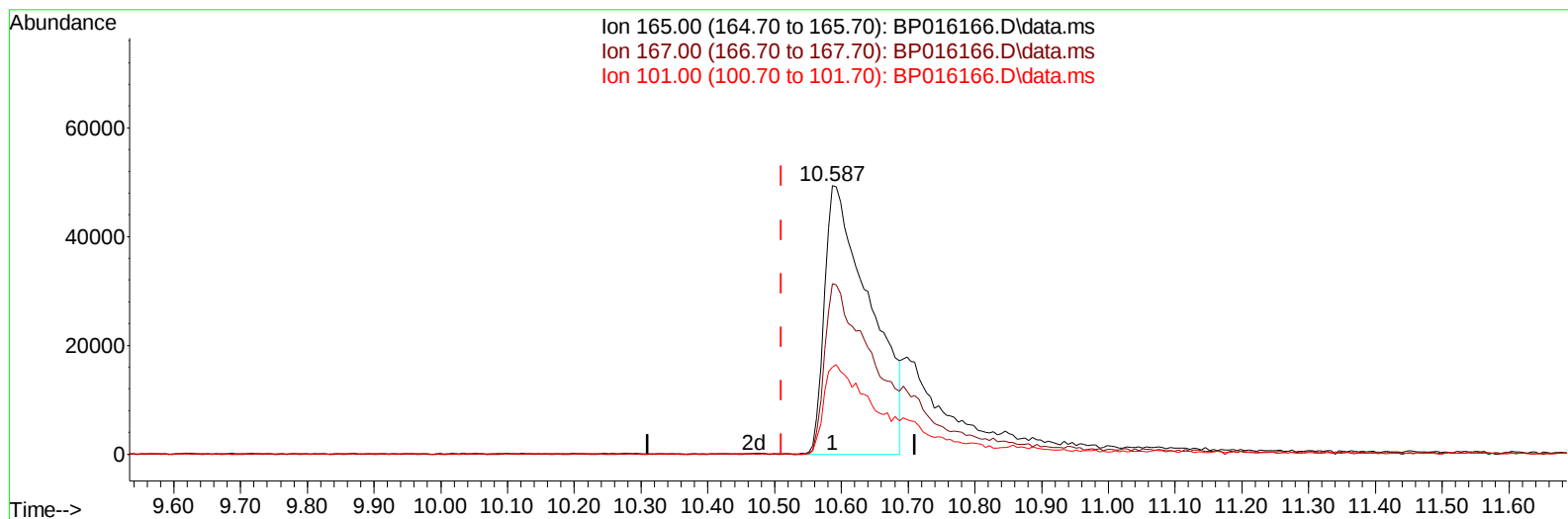
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:24:37 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: BP016166.D\data.ms

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

10.587min (+ 0.076) 15.83 ng/ul

response 232829

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	63.57
101.00	37.30	32.45
0.00	0.00	0.00

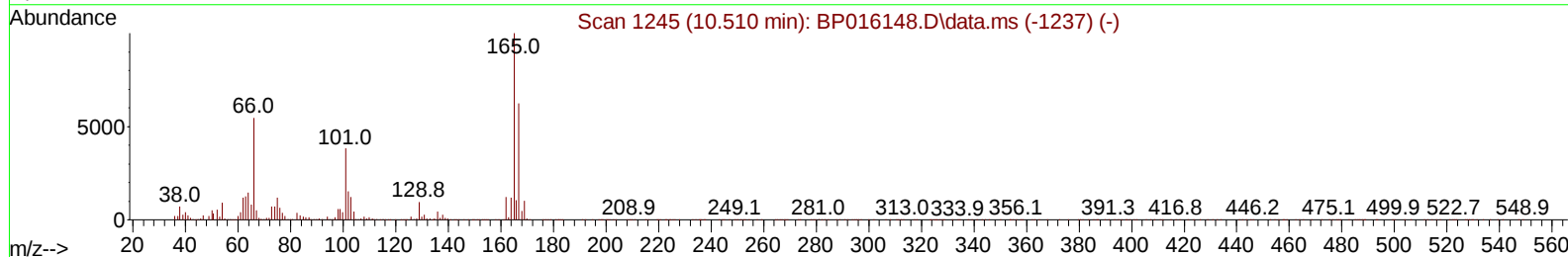
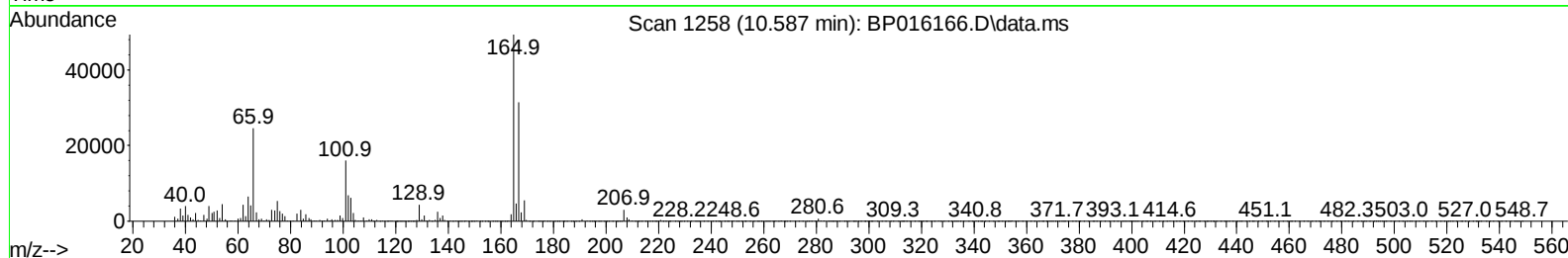
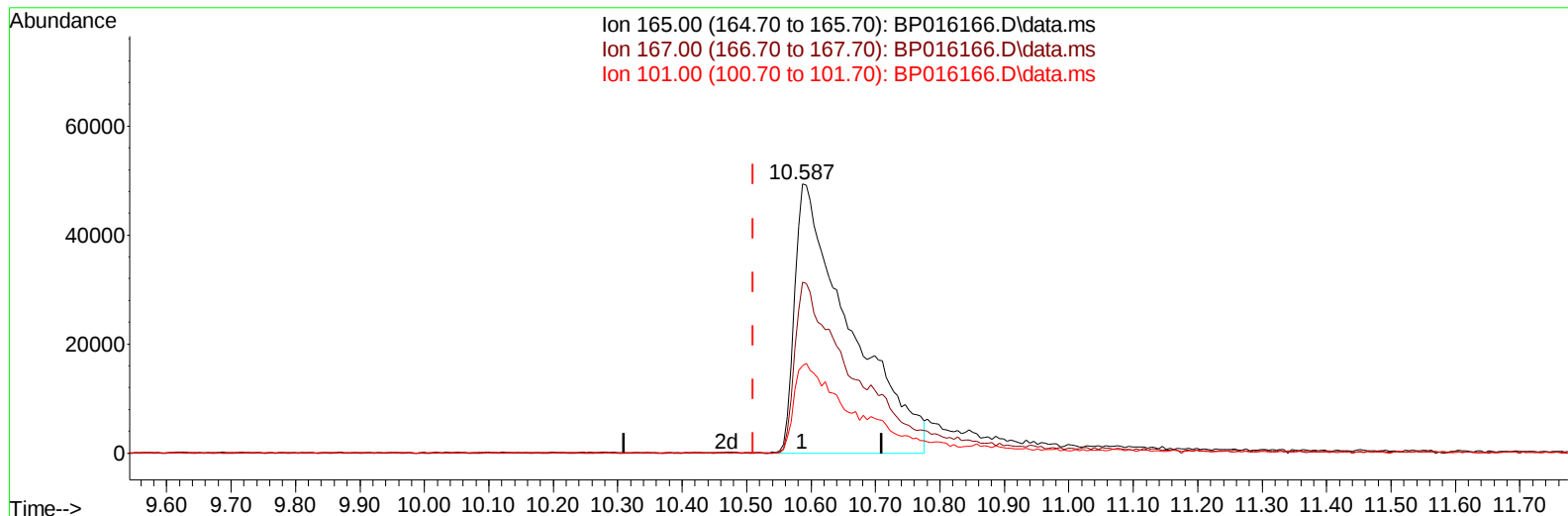
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:24:37 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: BP016166.D\data.ms

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

10.587min (+ 0.076) 19.89 ng/ul m

response 292631

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	63.57
101.00	37.30	32.45
0.00	0.00	0.00

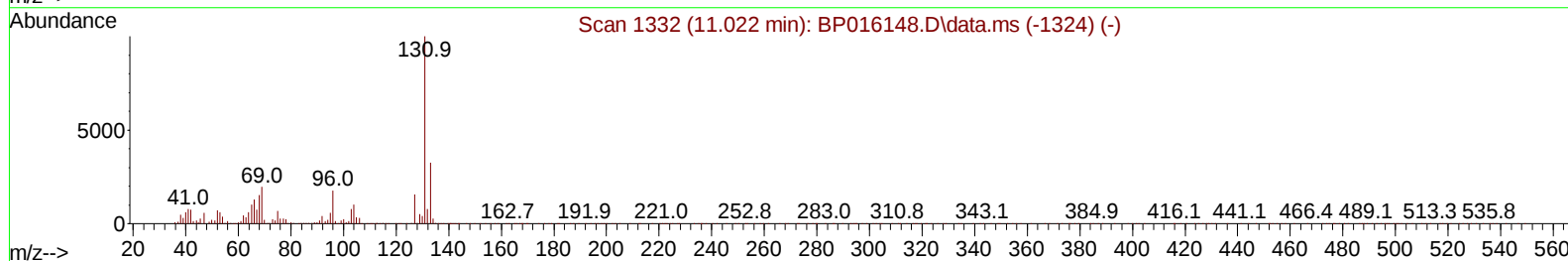
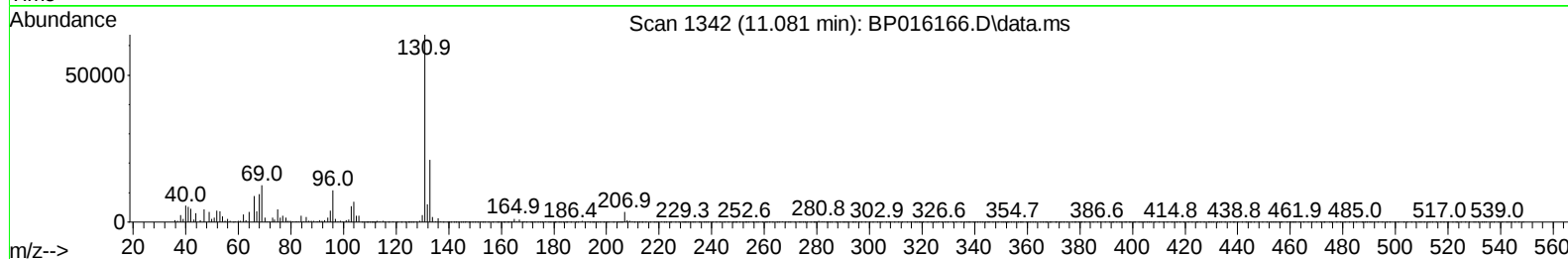
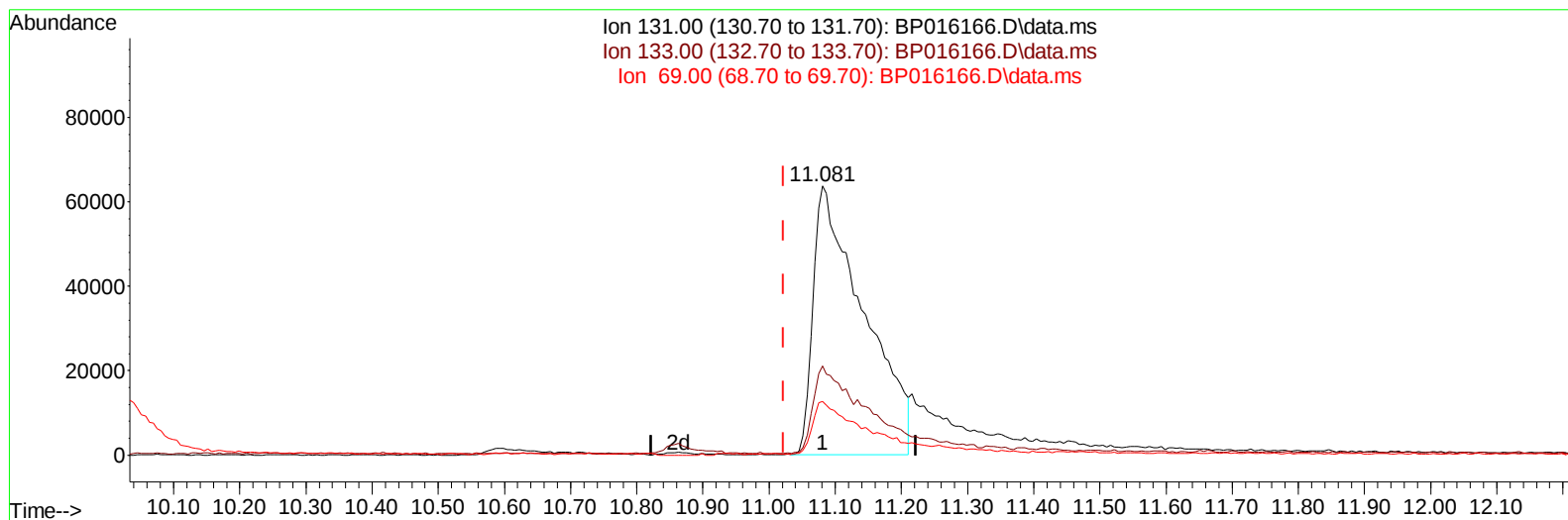
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:14 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: BP016166.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.081min (+ 0.059) 17.87 ng/ul

response 337673

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	33.17
69.00	22.20	19.84
0.00	0.00	0.00

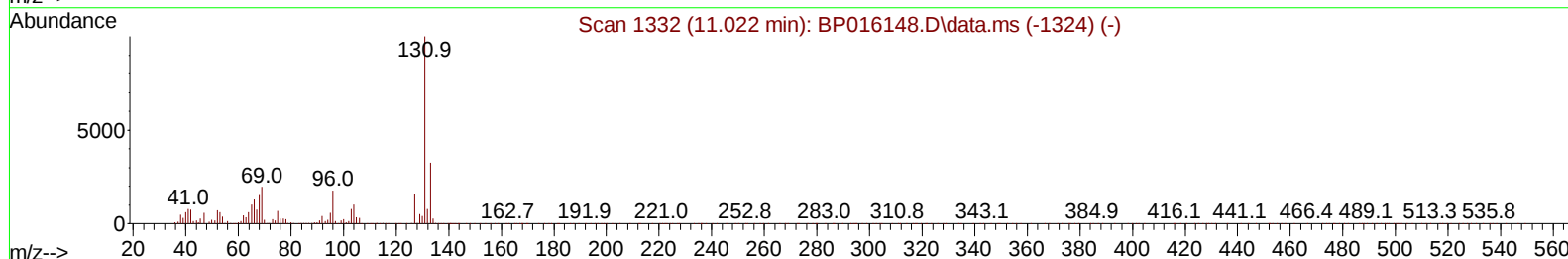
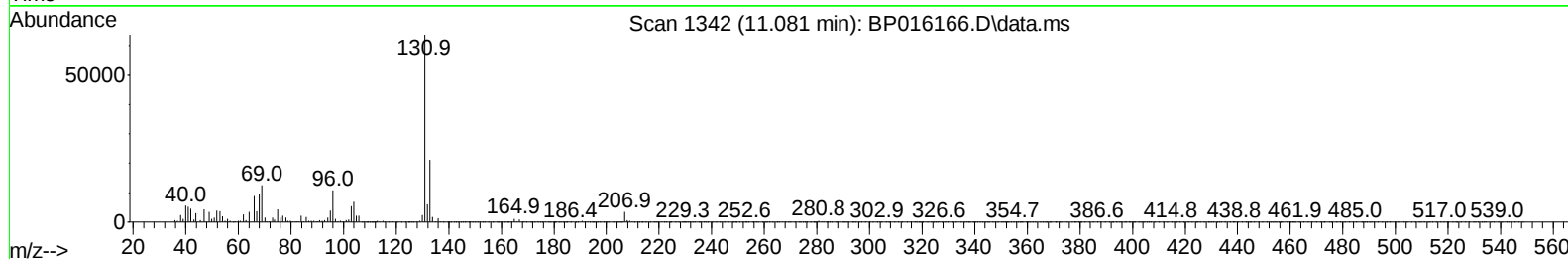
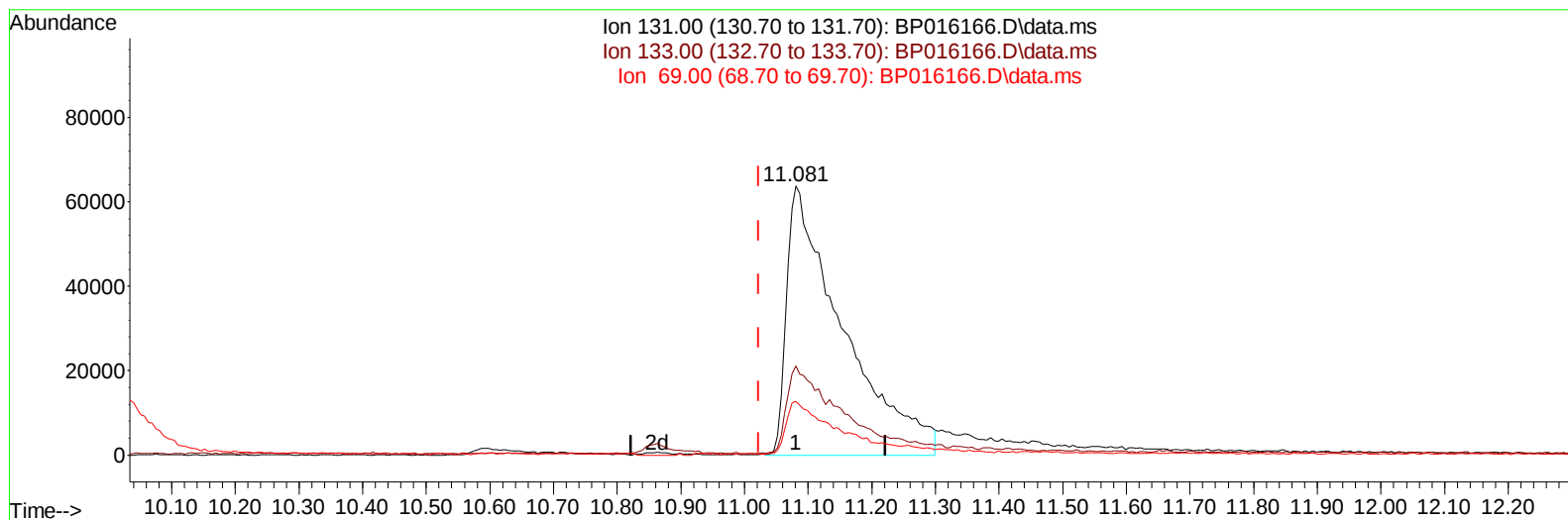
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:14 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: BP016166.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.081min (+ 0.059) 20.56 ng/ul m

response 388509

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	33.17
69.00	22.20	19.84
0.00	0.00	0.00

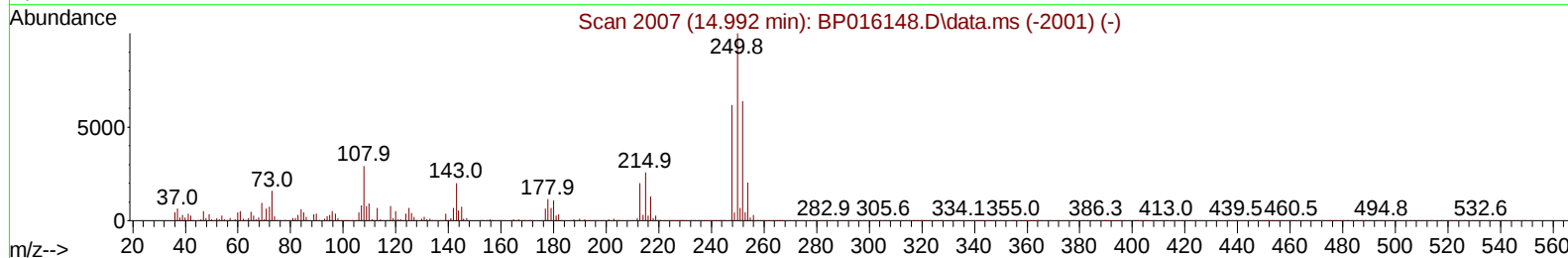
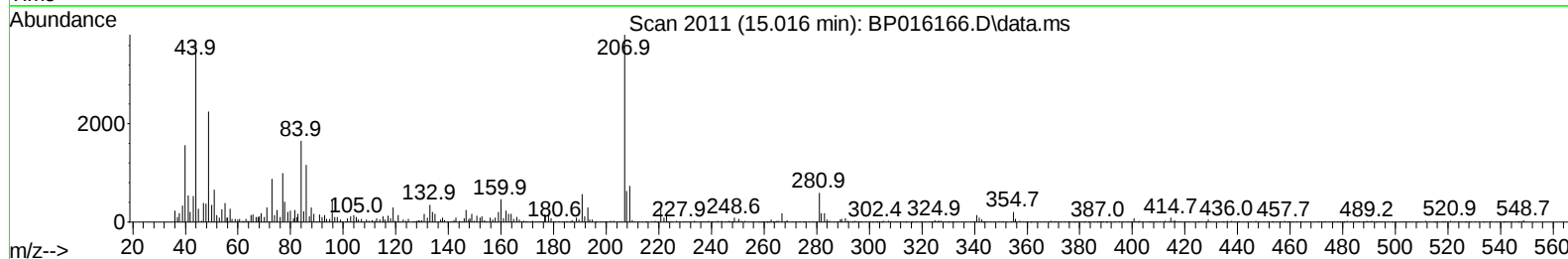
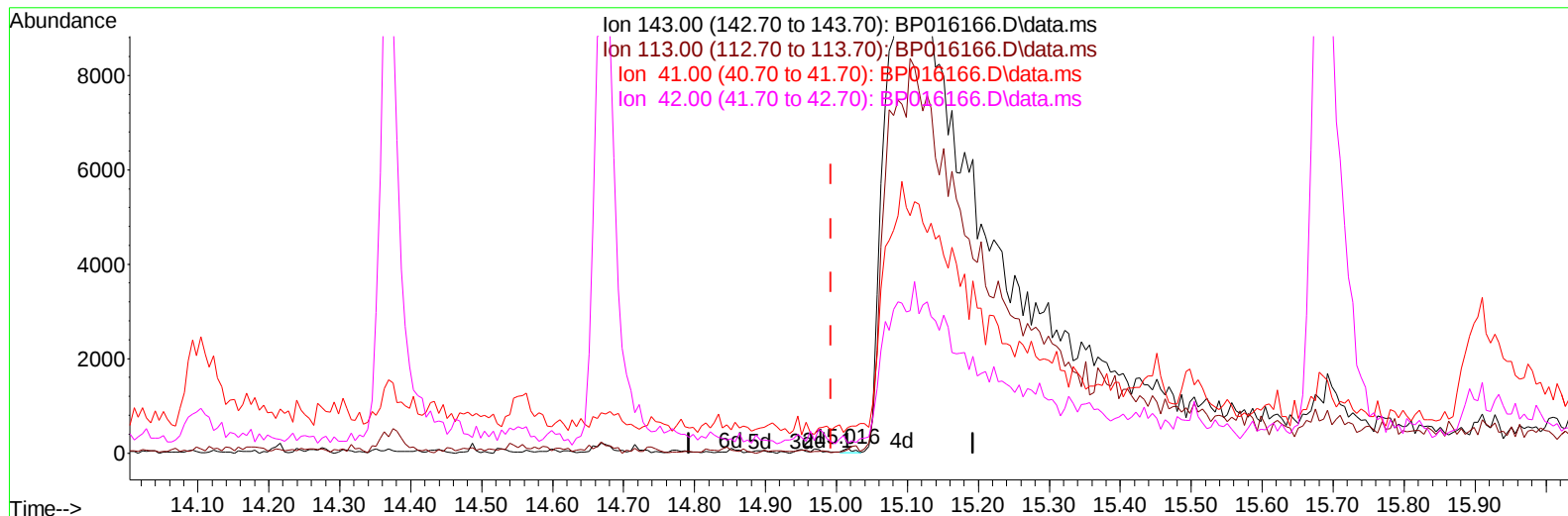
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:38 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: BP016166.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.016min (+ 0.024) 0.01 ng/u1

response 78

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	81.44
41.00	45.70	559.79#
42.00	31.20	218.56#

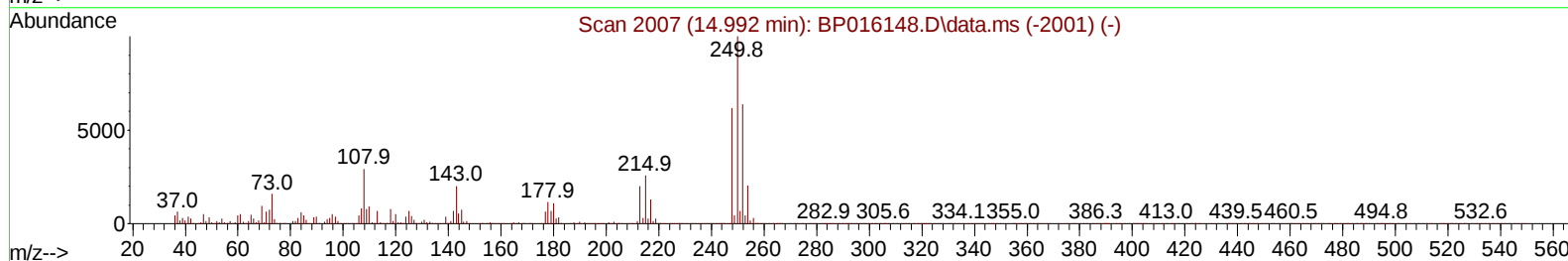
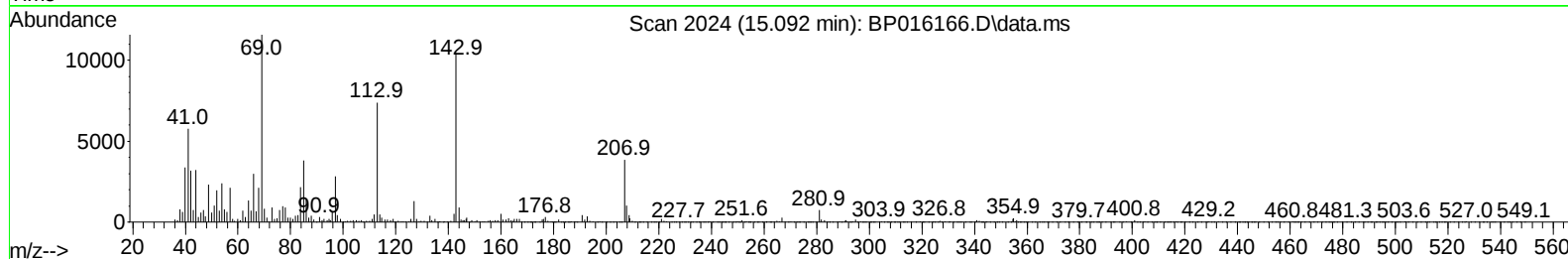
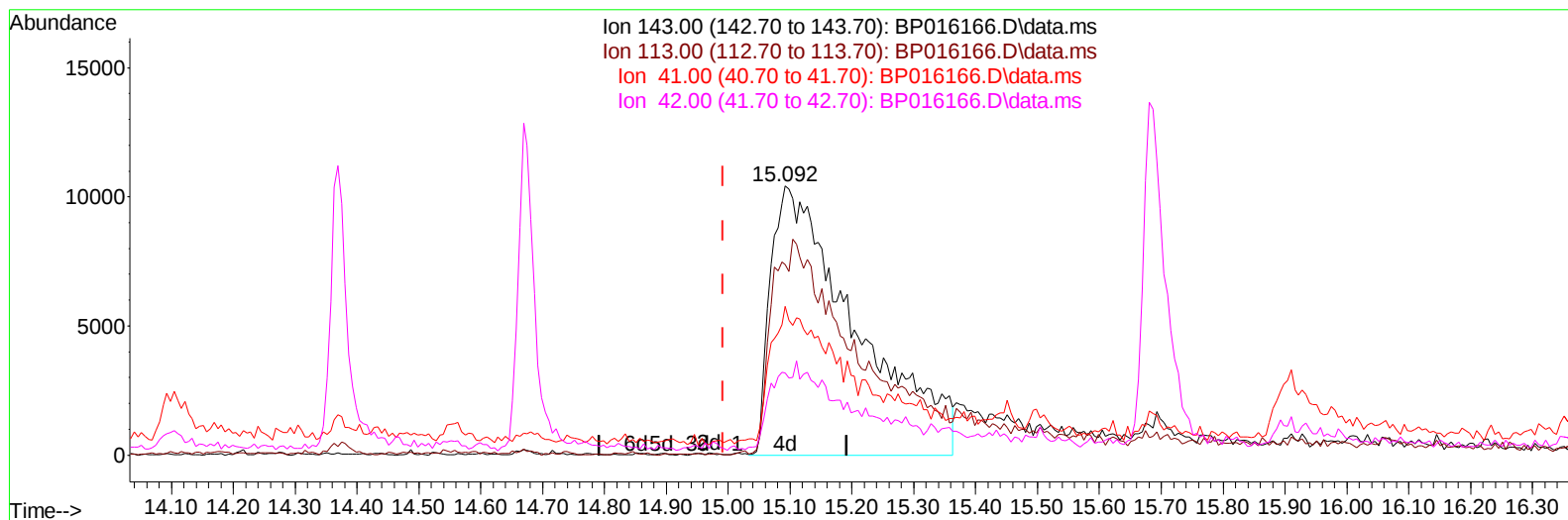
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:38 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: BP016166.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.092min (+ 0.100) 15.39 ng/ul m

response 99754

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	70.94#
41.00	45.70	55.20#
42.00	31.20	30.52

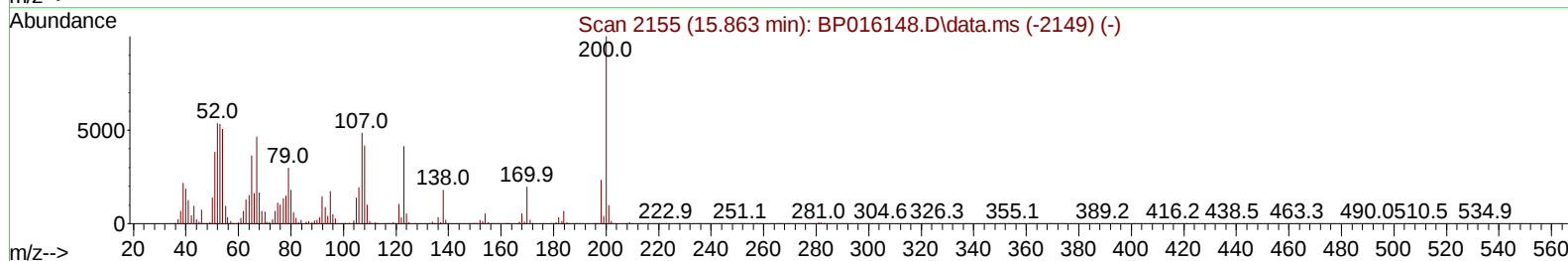
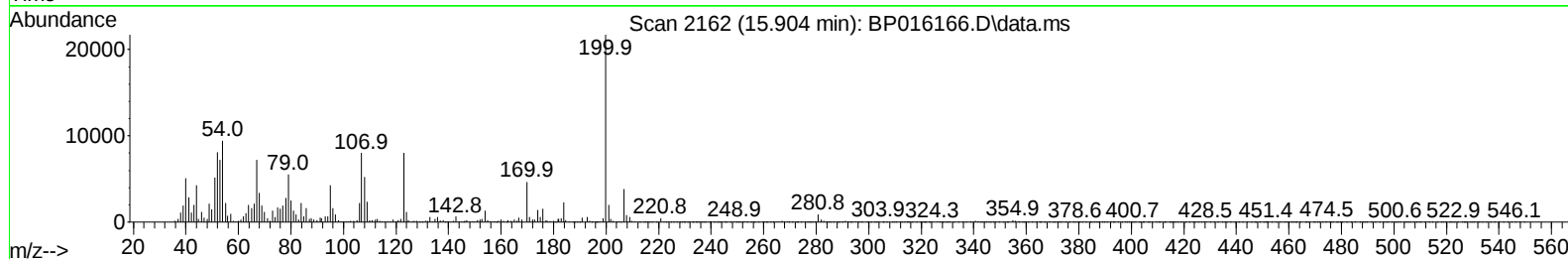
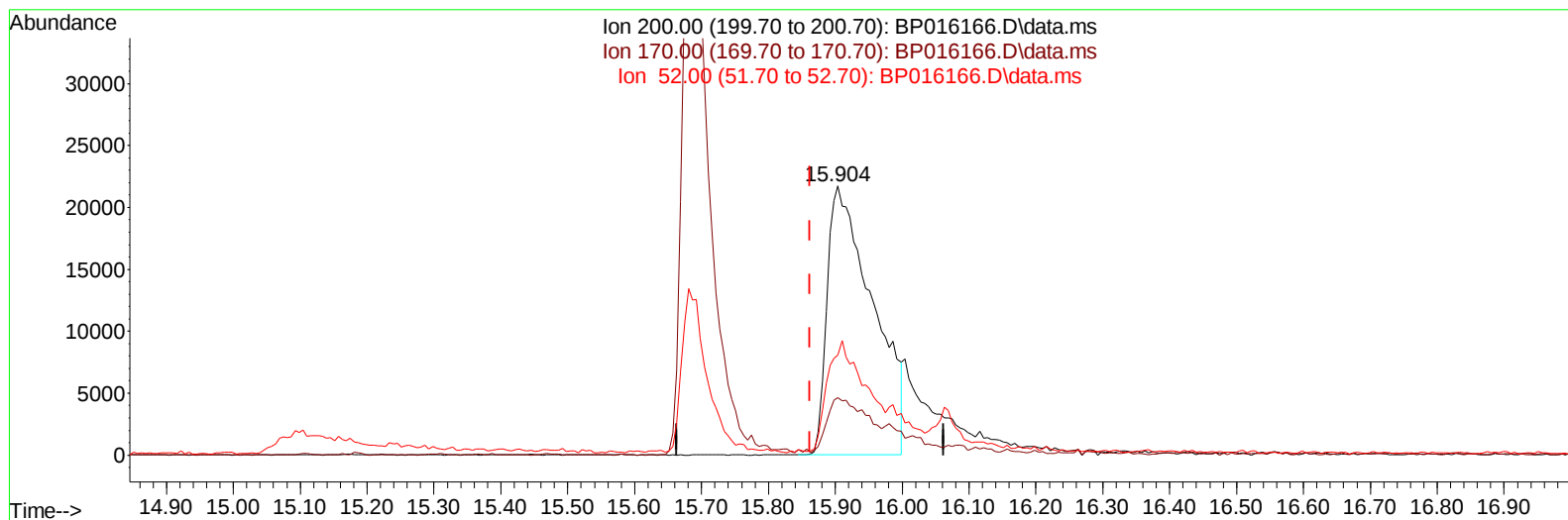
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:38 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: BP016166.D\data.ms

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

15.904min (+ 0.041) 11.82 ng/ul

response 102743

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	21.41
52.00	52.20	37.15#
0.00	0.00	0.00

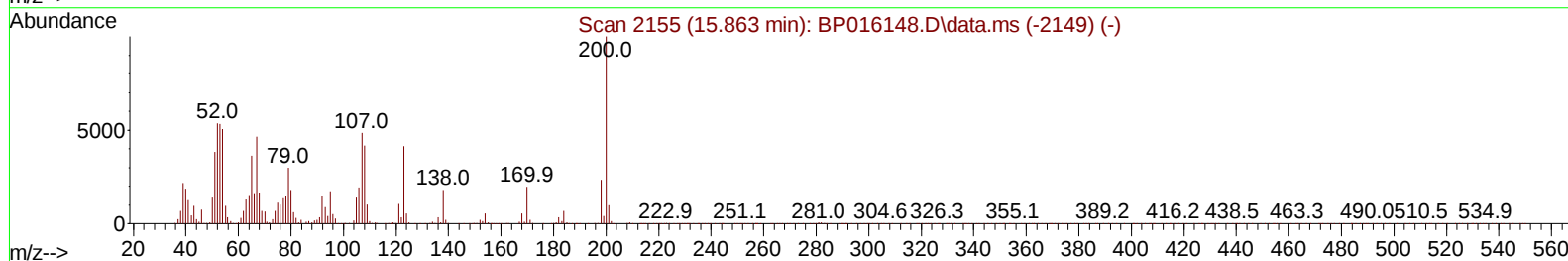
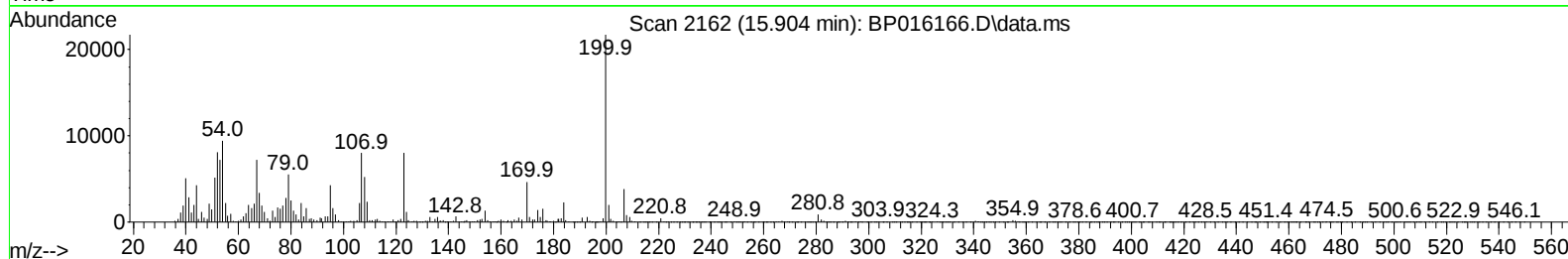
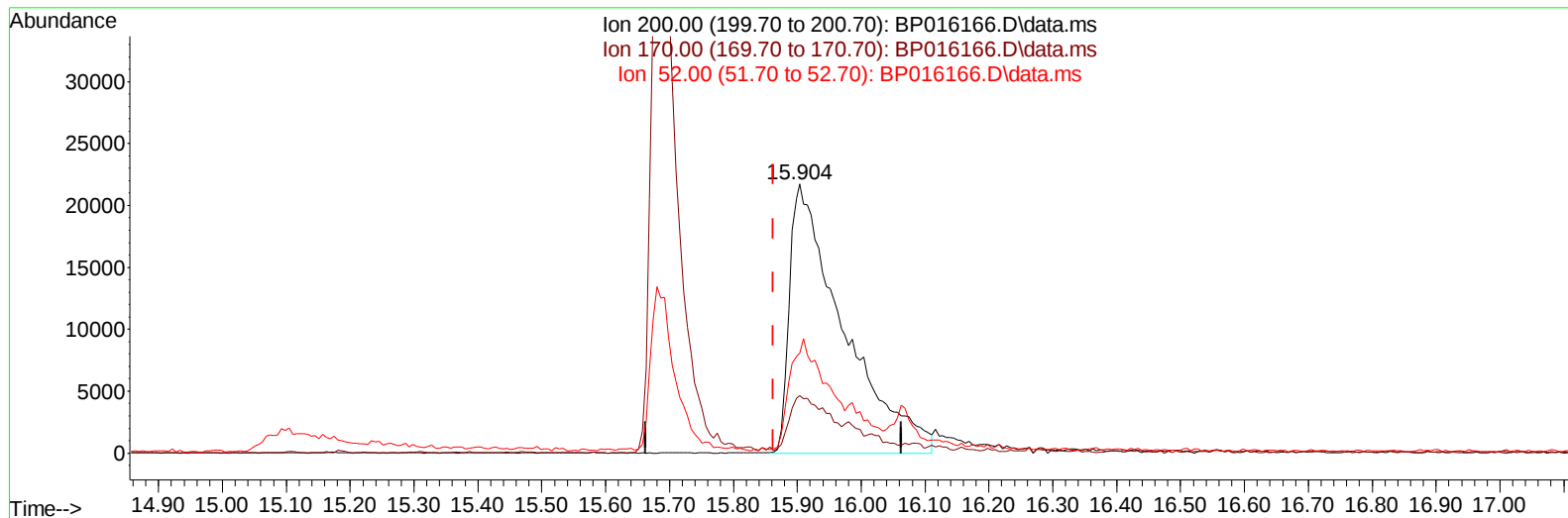
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

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

Quant Time: Jul 11 00:25:38 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



TIC: BP016166.D\data.ms

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

15.904min (+ 0.041) 14.56 ng/ul m

response 126506

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	21.41
52.00	52.20	37.15#
0.00	0.00	0.00

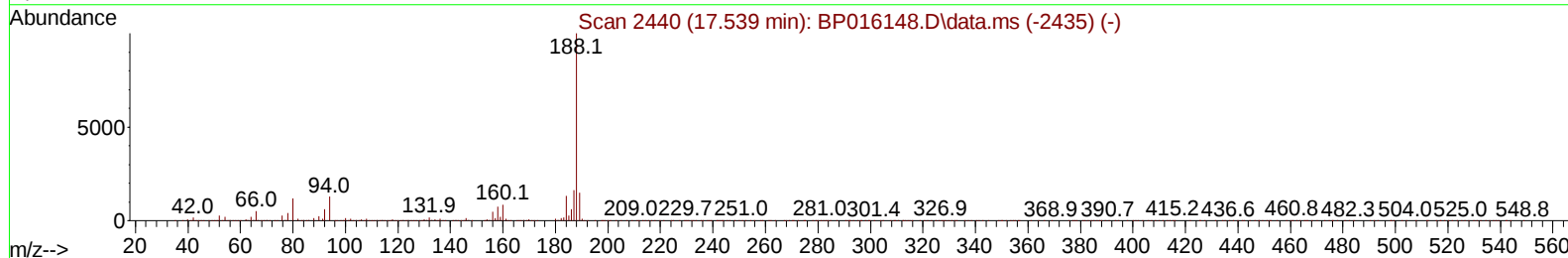
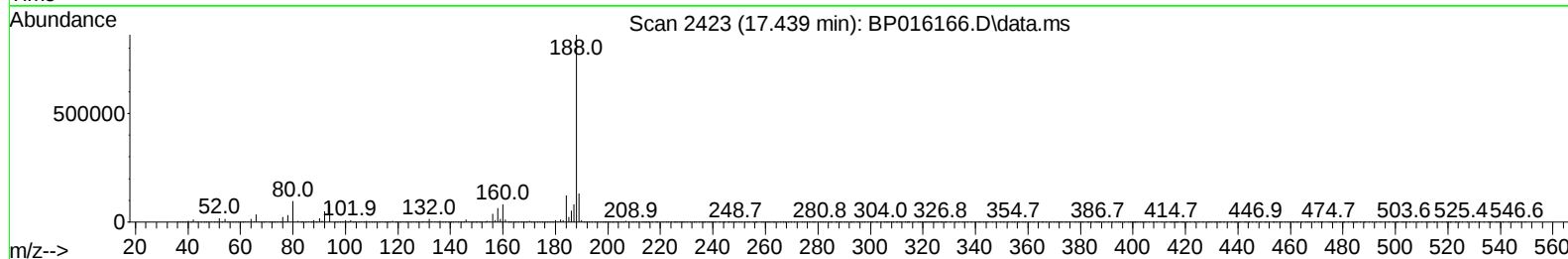
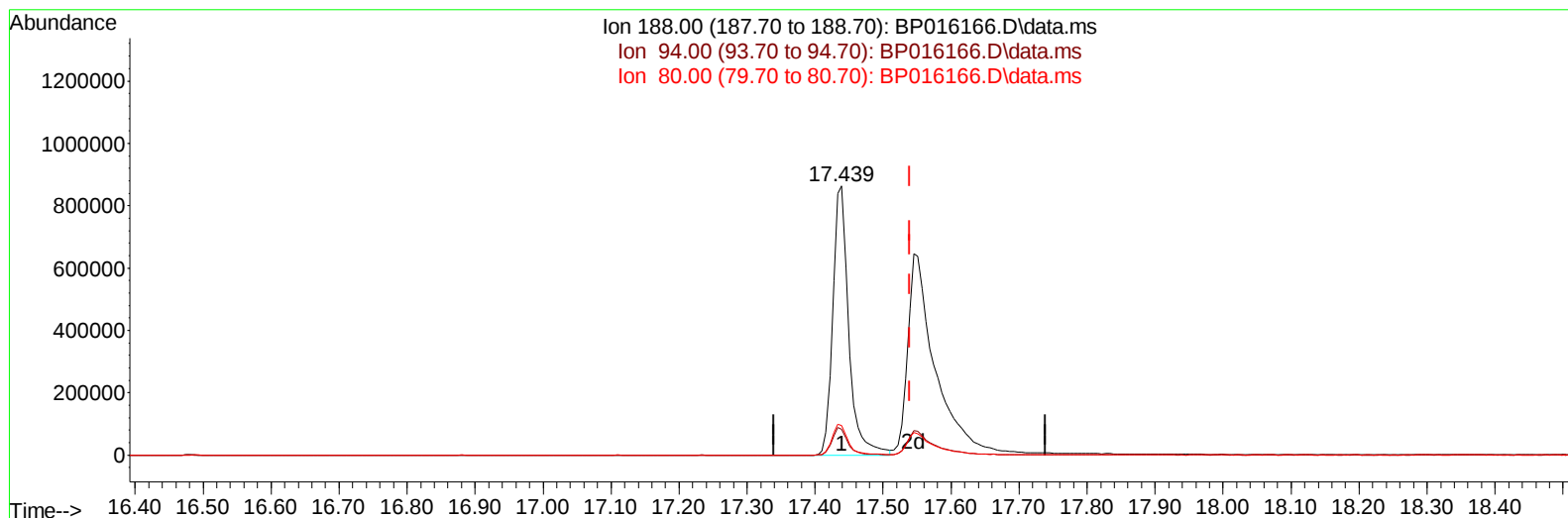
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:38 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: BP016166.D\data.ms

(73) Anthracene-d10 (S)

17.439min (-0.100) 21.89 ng/u1

response 1412852

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	9.69
80.00	9.80	11.08
0.00	0.00	0.00

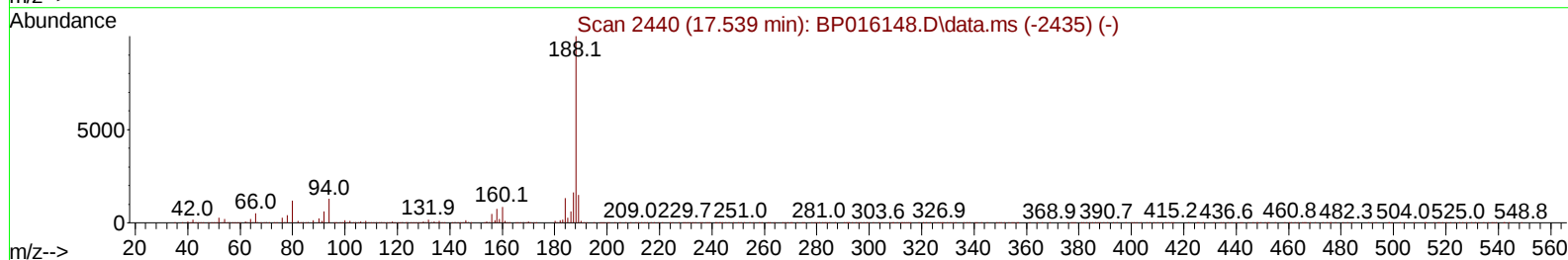
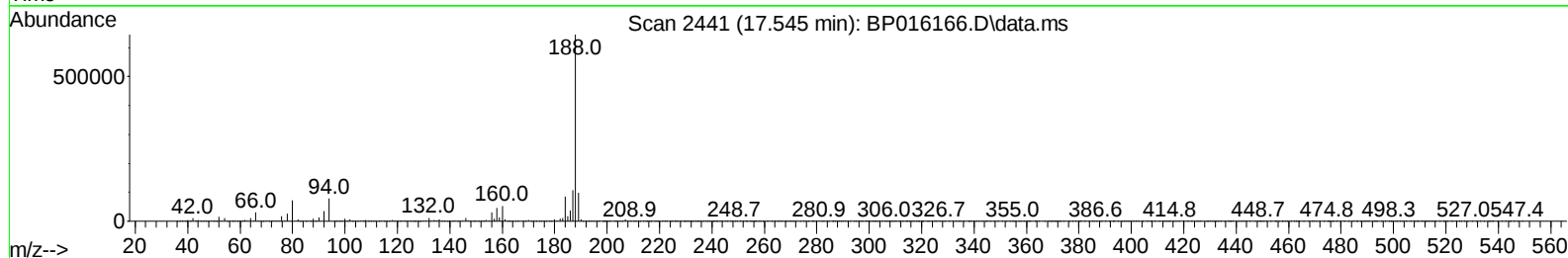
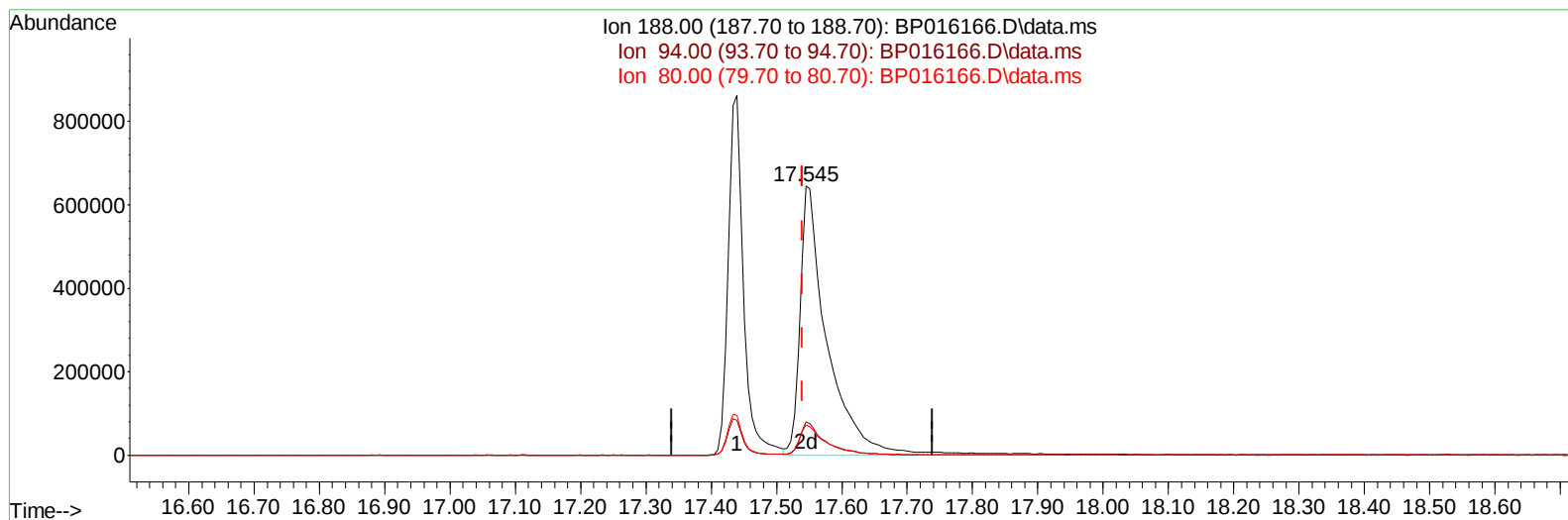
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:25:38 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: BP016166.D\data.ms

(73) Anthracene-d10 (S)

17.545min (+ 0.006) 28.41 ng/ul m

response 1833445

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	12.30#
80.00	9.80	11.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016166.D
 Acq On : 10 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03404-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW42

Manual IntegrationsAPPROVED

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

Quant Time: Jul 11 00:27:37 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.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	204119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.851	136	925559	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.675	164	635554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1412852	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1372981	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	1402029	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	22646	3.992	ng/uL	0.00
4) Pyridine-d5	3.799	84	190044	13.289	ng/ul	0.00
7) Phenol-d5	7.240	99	356044	20.386	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.357	67	267090m	24.719	ng/ul	0.01
11) 2-Chlorophenol-d4	7.569	132	319769	24.255	ng/ul	0.02
15) 4-Methylphenol-d8	8.799	113	311480	22.576	ng/ul	0.04
21) Nitrobenzene-d5	9.246	128	151947	21.481	ng/ul	0.04
24) 2-Nitrophenol-d4	9.993	143	180911m	21.914	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.587	165	292631m	19.891	ng/ul	0.08
31) 4-Chloroaniline-d4	11.081	131	388509m	20.558	ng/ul	0.06
46) Dimethylphthalate-d6	14.098	166	1263664	25.724	ng/ul	0.02
49) Acenaphthylene-d8	14.369	160	1403420	25.414	ng/ul	0.00
54) 4-Nitrophenol-d4	15.092	143	99754m	15.388	ng/ul	0.10
60) Fluorene-d10	15.686	176	1125534	27.827	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.904	200	126506m	14.559	ng/ul	0.04
73) Anthracene-d10	17.545	188	1833445m	28.409	ng/ul	0.00
81) Pyrene-d10	19.769	212	2202913	24.572	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.904	264	1837143	25.976	ng/ul	-0.02

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016166.D
Acq On : 10 Jul 2023 20:57
Operator : MA/JU
Sample : 03404-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW42

Manual IntegrationsAPPROVED

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

Quant Time: Jul 11 00:27:37 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

