

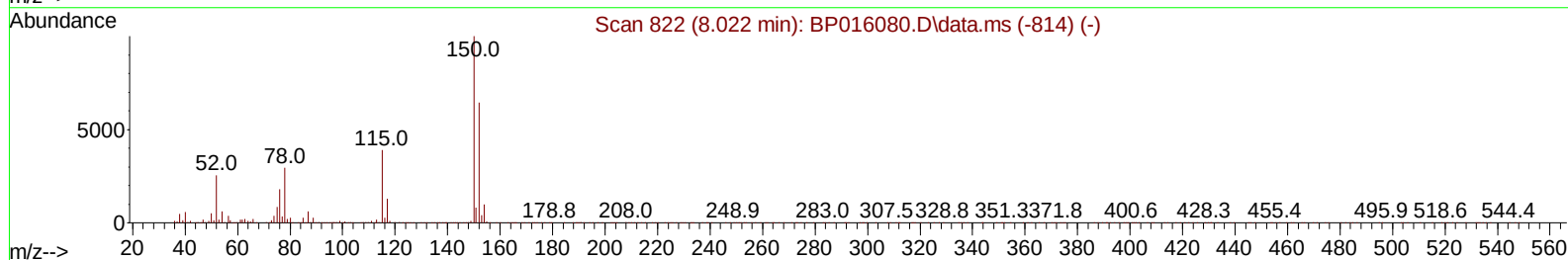
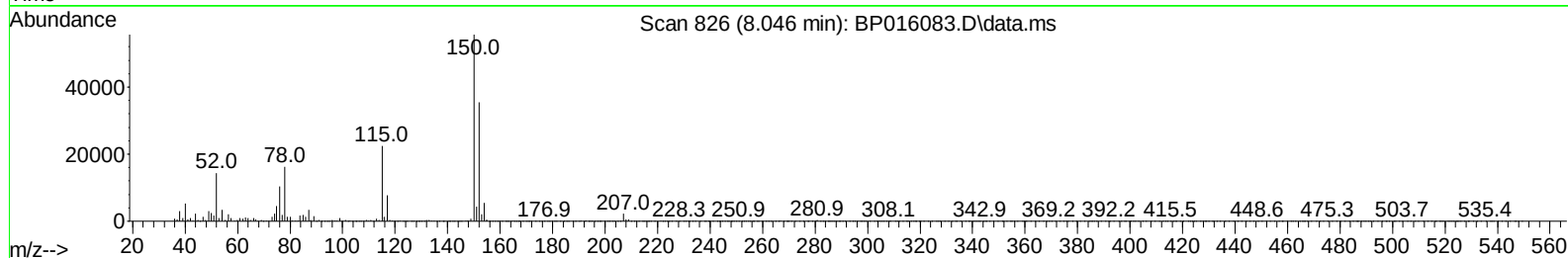
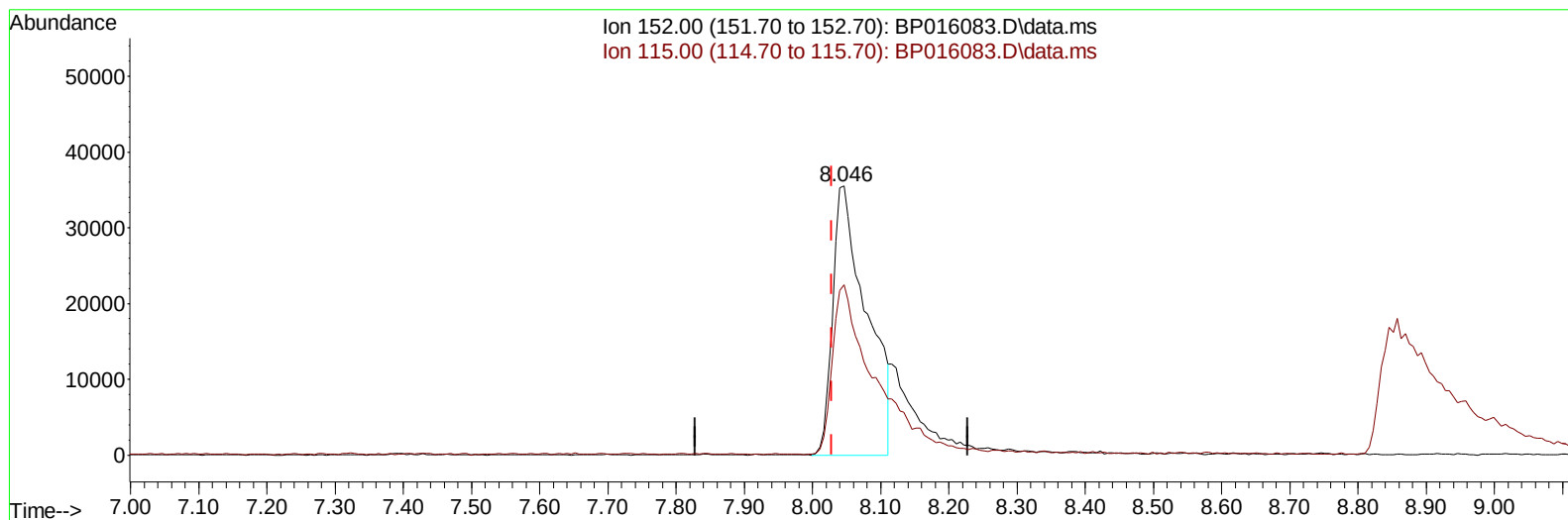
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:14:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.046min (+ 0.018) 20.00 ng/u1

response 122486

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	65.50	63.38
0.00	0.00	0.00
0.00	0.00	0.00

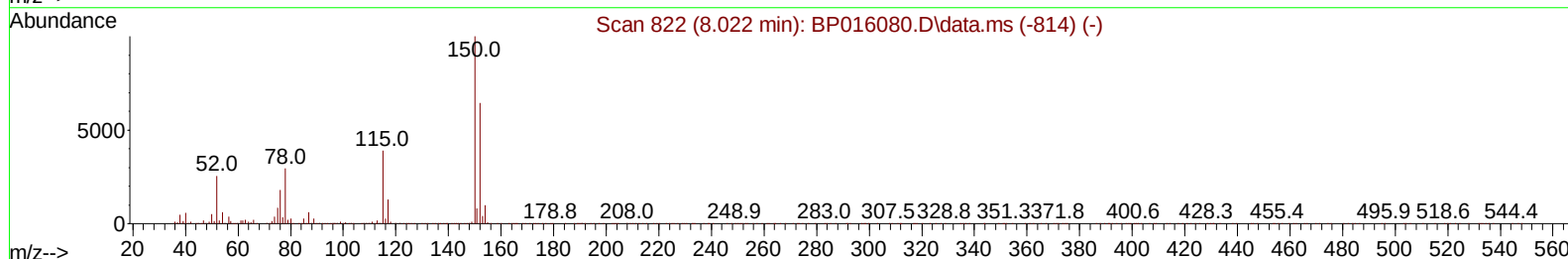
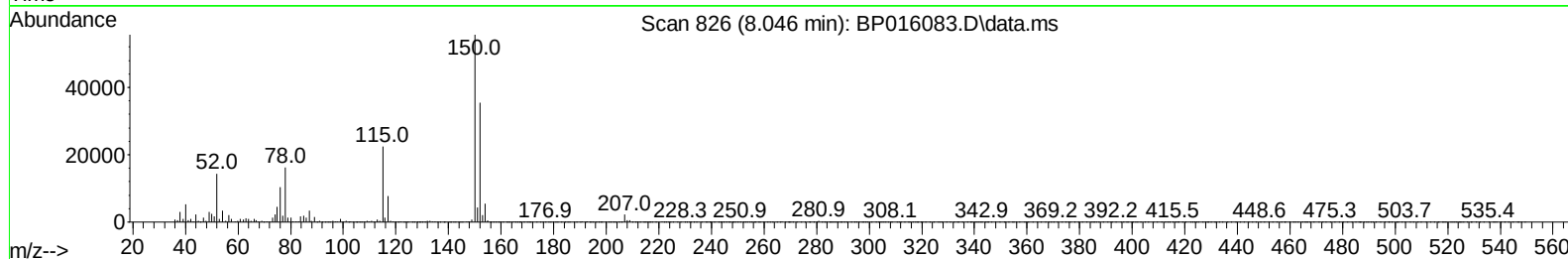
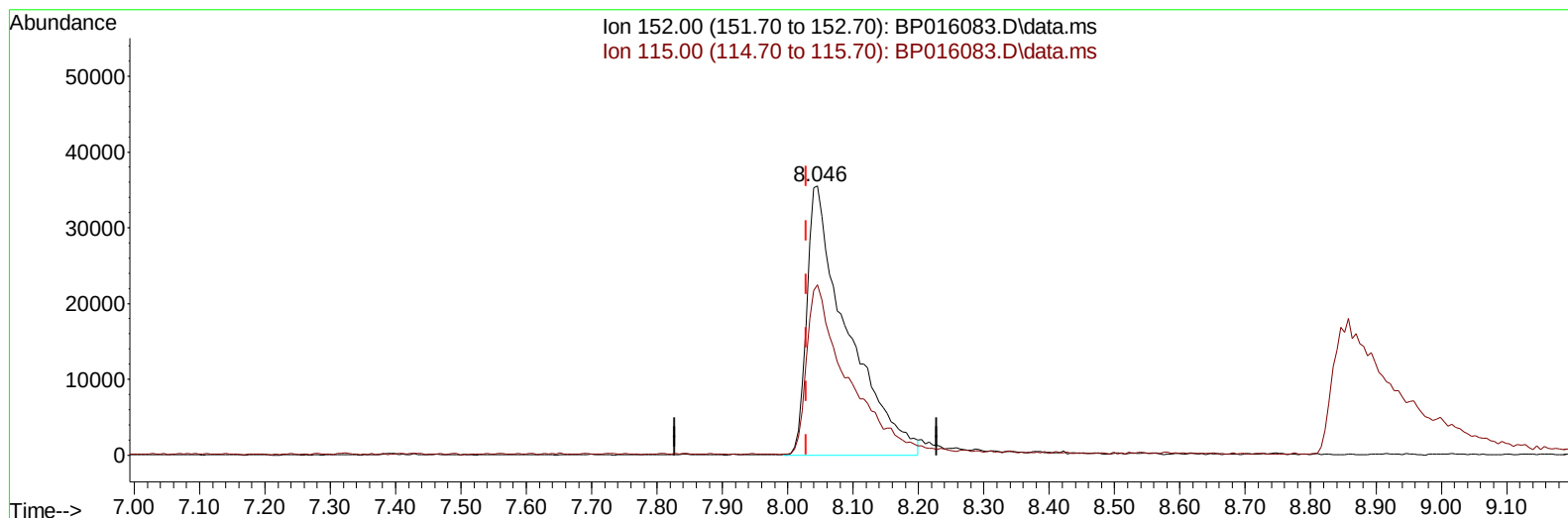
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:14:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.046min (+ 0.018) 20.00 ng/ul m

response 152036

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	65.50	63.38
0.00	0.00	0.00
0.00	0.00	0.00

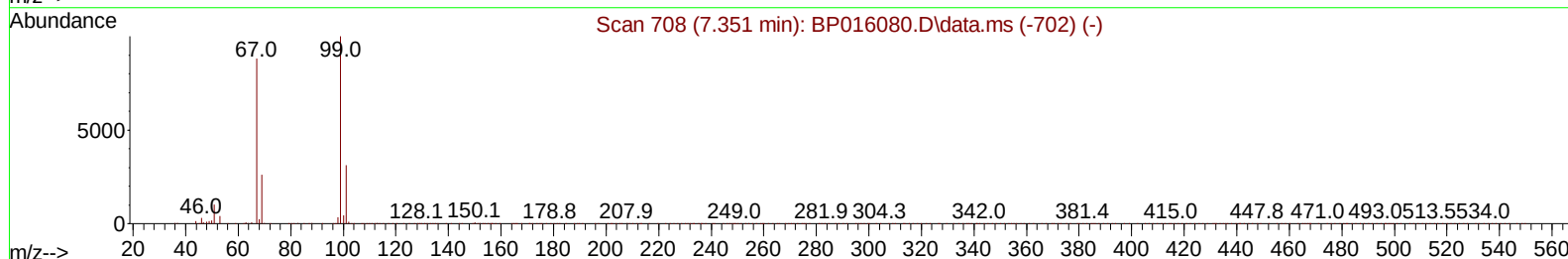
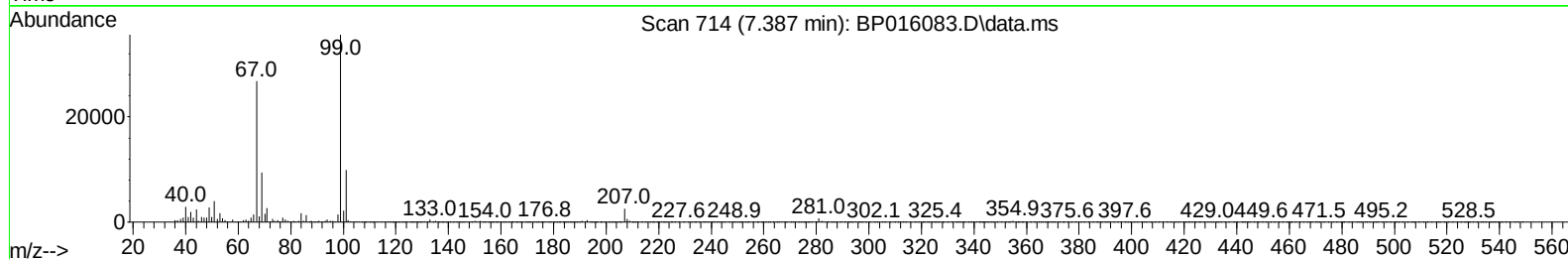
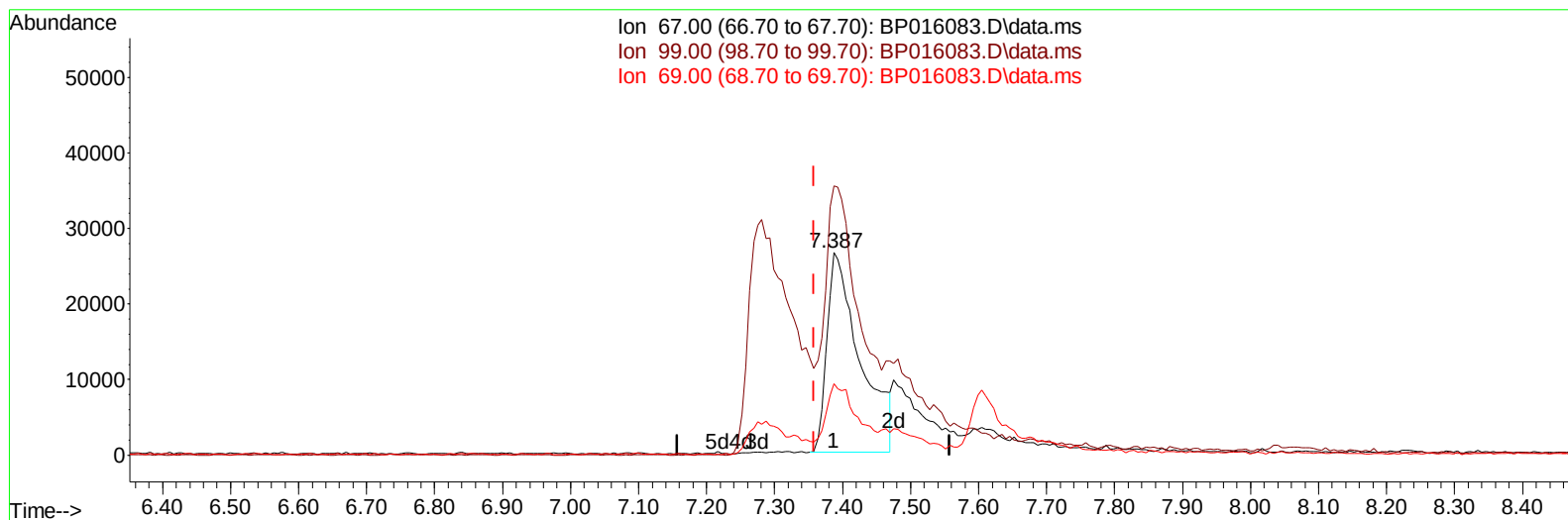
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:38:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

7.387min (+ 0.030) 11.13 ng/u1

response 89553

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	132.58
69.00	32.10	35.07
0.00	0.00	0.00

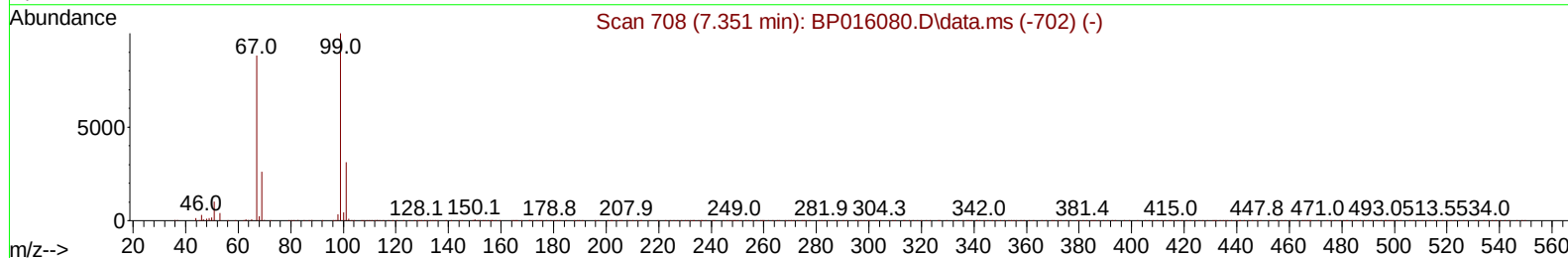
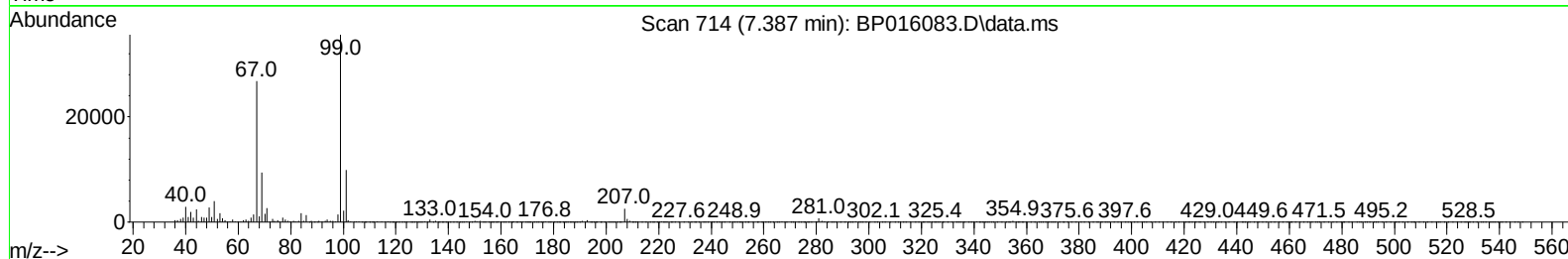
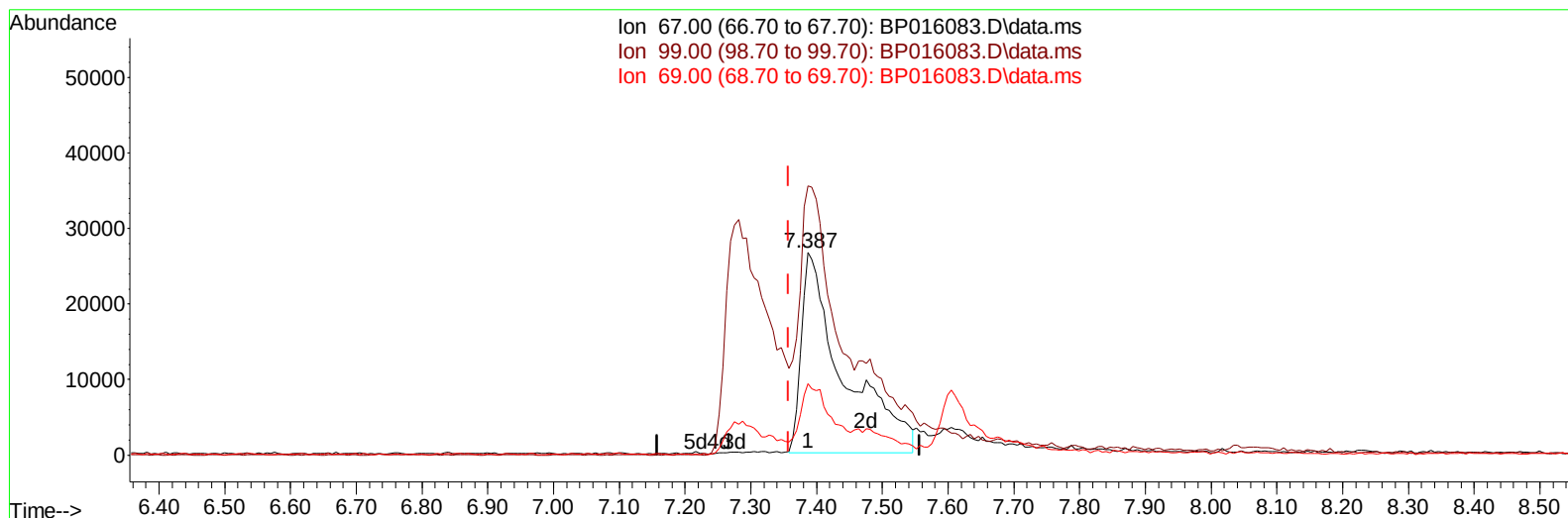
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:38:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

7.387min (+ 0.030) 14.58 ng/ul m

response 117365

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.80	132.58
69.00	32.10	35.07
0.00	0.00	0.00

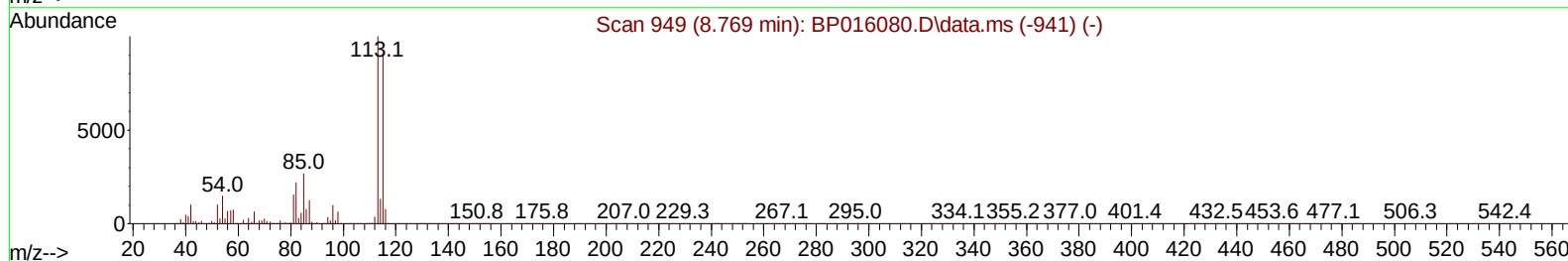
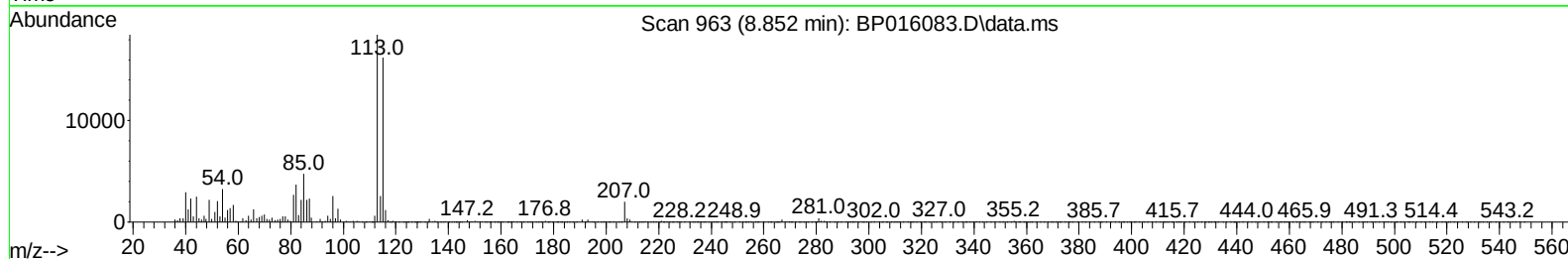
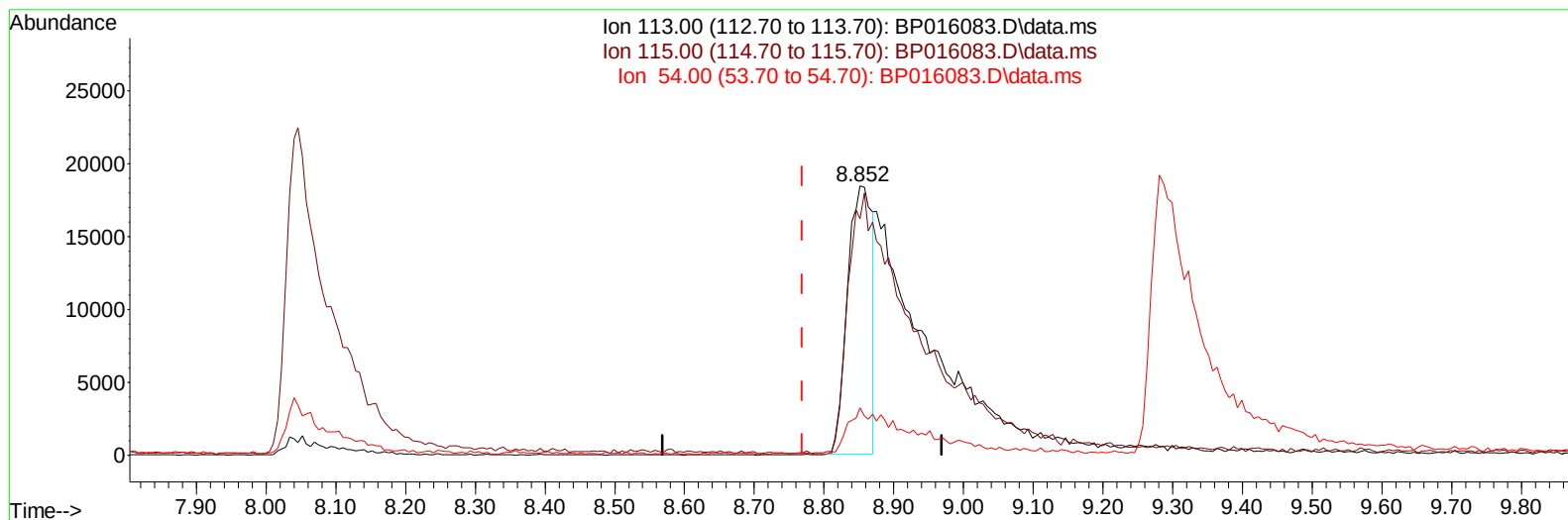
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:39:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.852min (+ 0.082) 4.35 ng/u1

response 44720

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	87.76
54.00	16.10	17.51
0.00	0.00	0.00

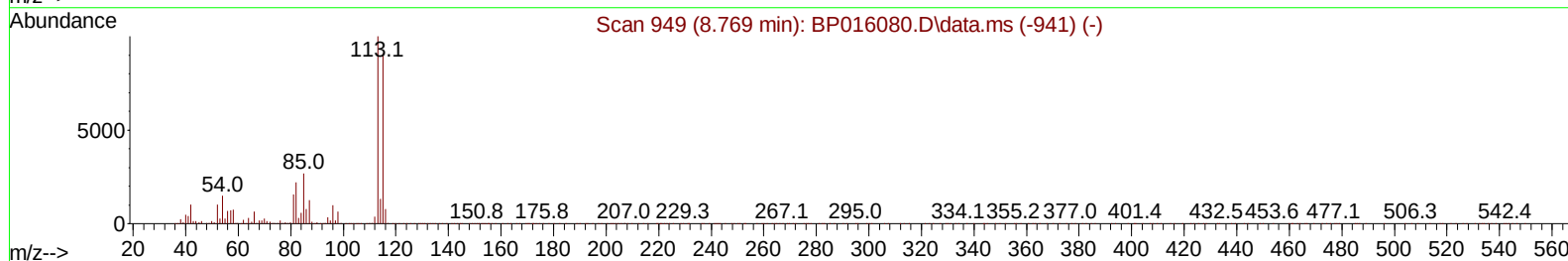
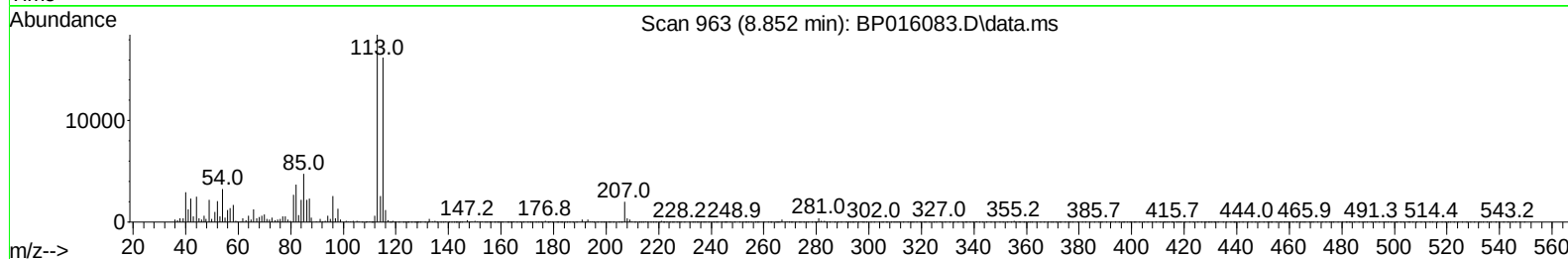
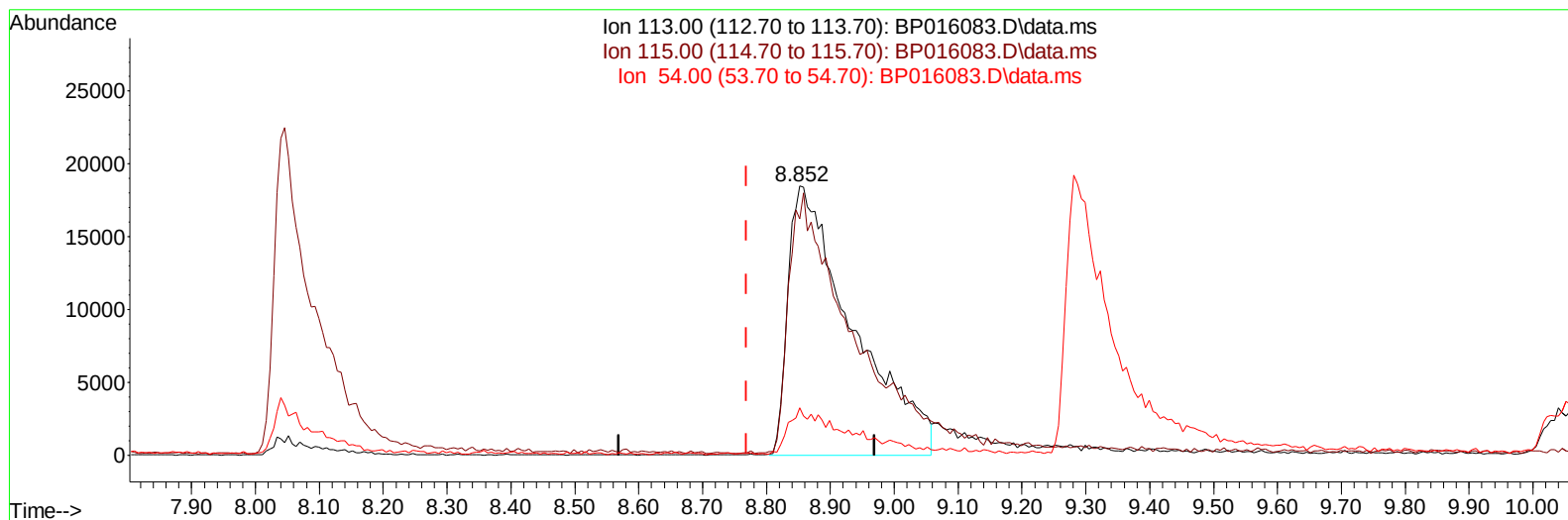
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:39:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.852min (+ 0.082) 12.57 ng/ul m

response 129155

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	87.76
54.00	16.10	17.51
0.00	0.00	0.00

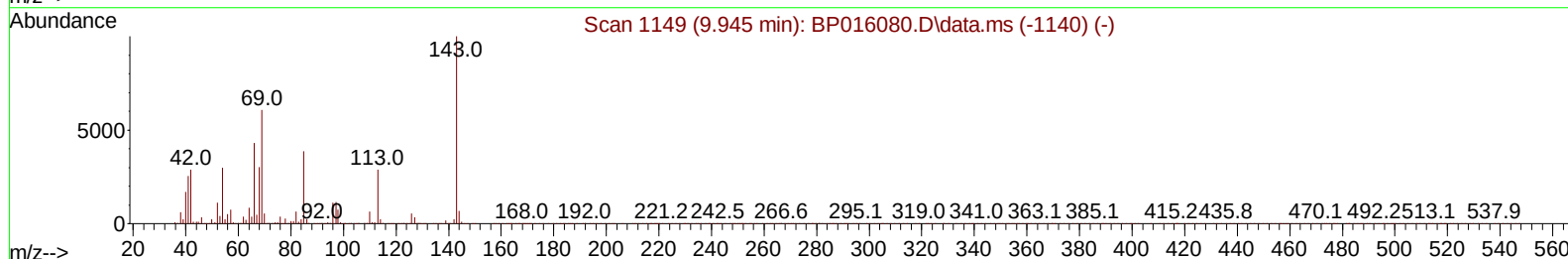
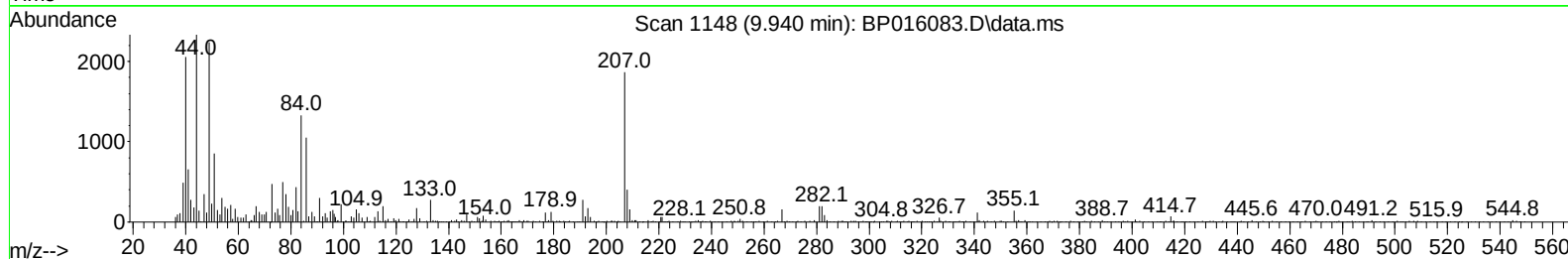
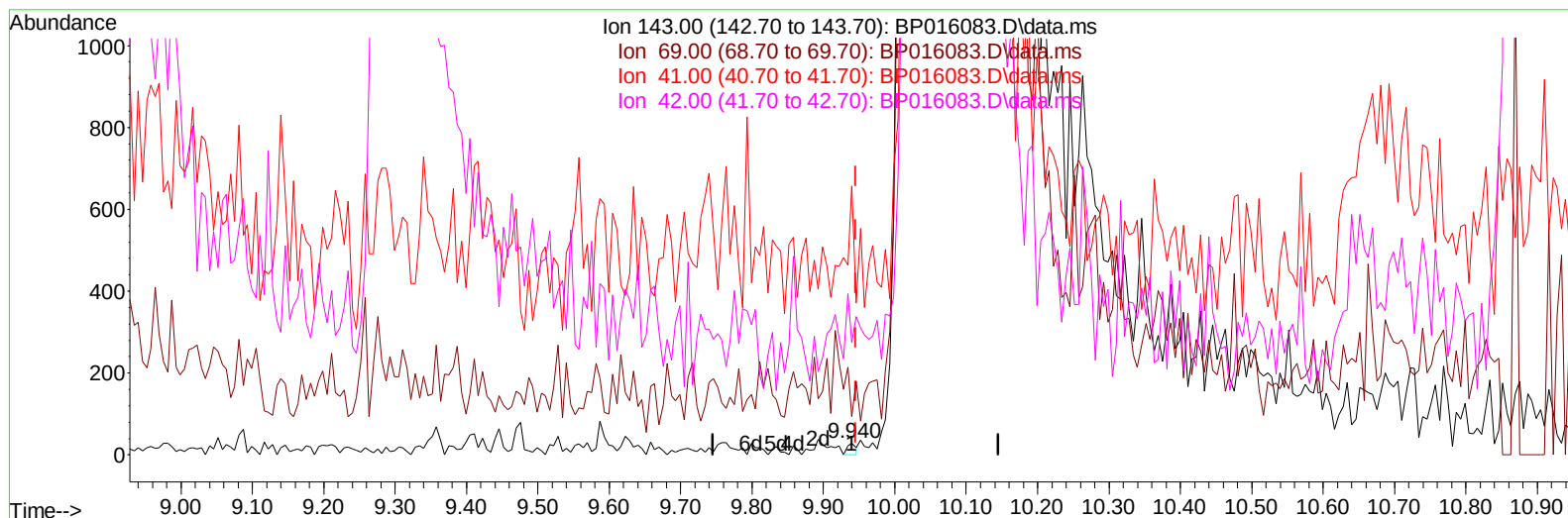
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016083.D
Acq On : 08 Jul 2023 09:35
Operator : MA/JU
Sample : 03332-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:41:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.940min (-0.006) 0.00 ng/u1

response

24

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	320.69#
41.00	26.80	2265.52#
42.00	30.50	944.83#

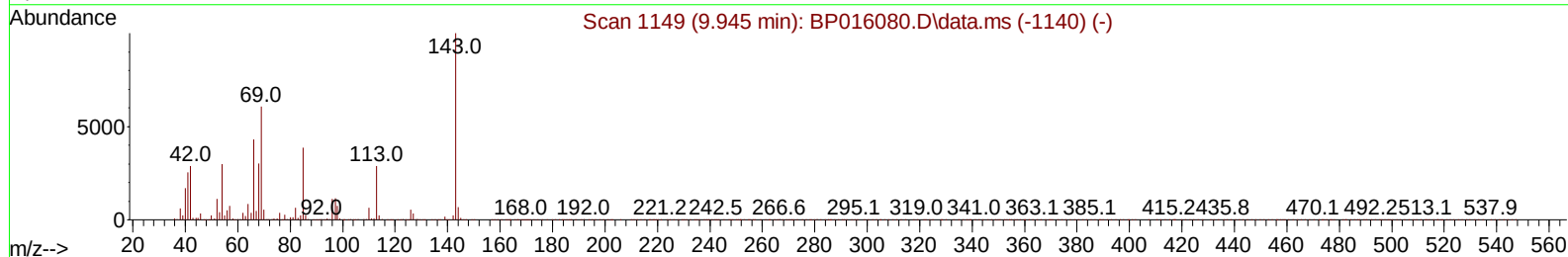
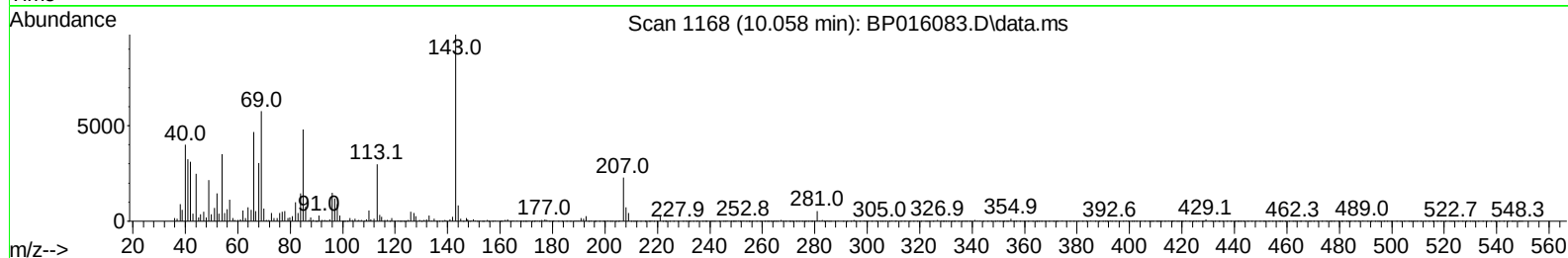
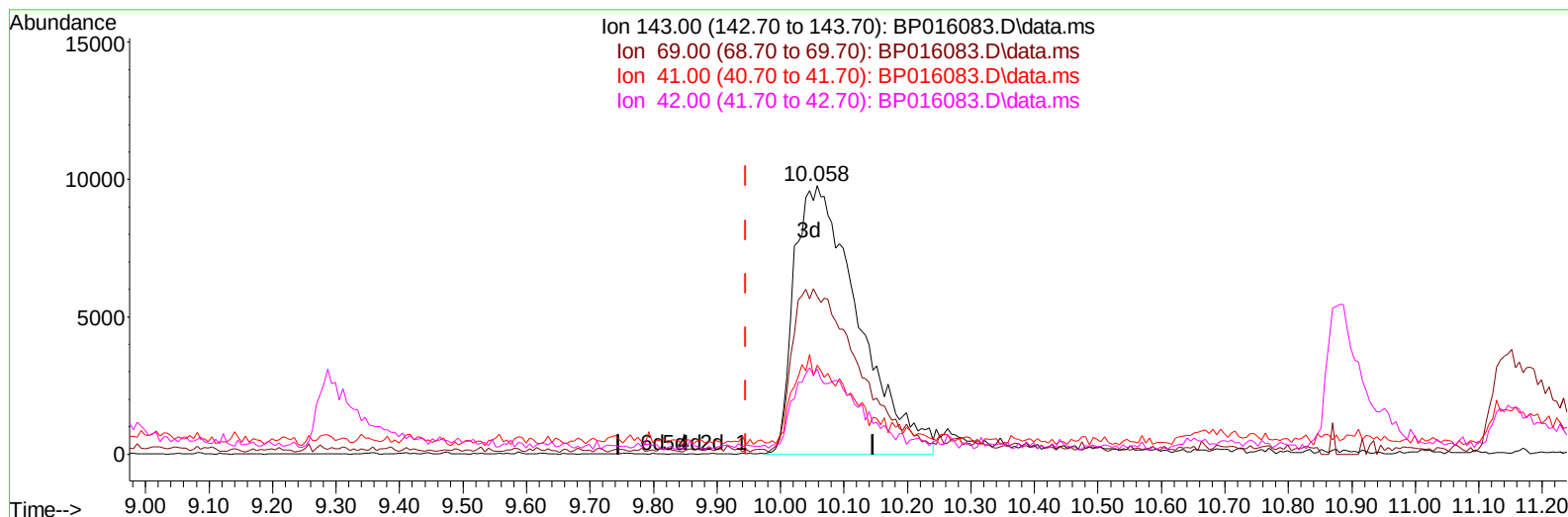
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:41:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.058min (+ 0.112) 11.13 ng/ul m

response 68358

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	58.88
41.00	26.80	33.12#
42.00	30.50	31.76

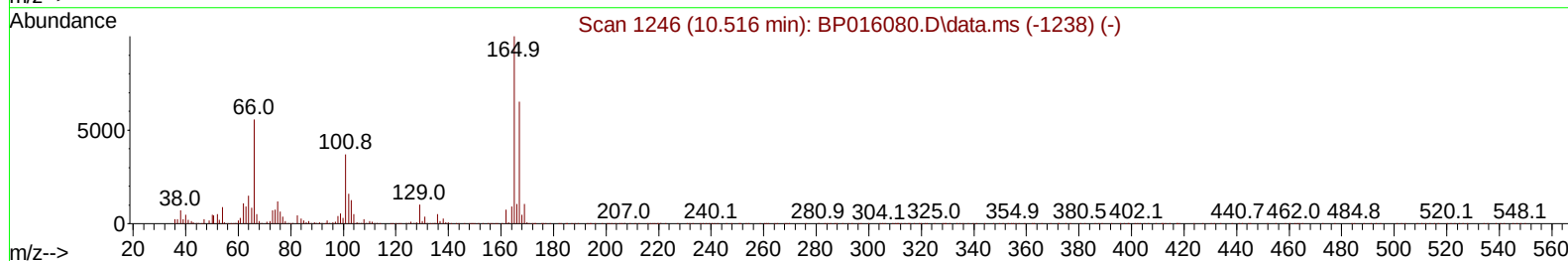
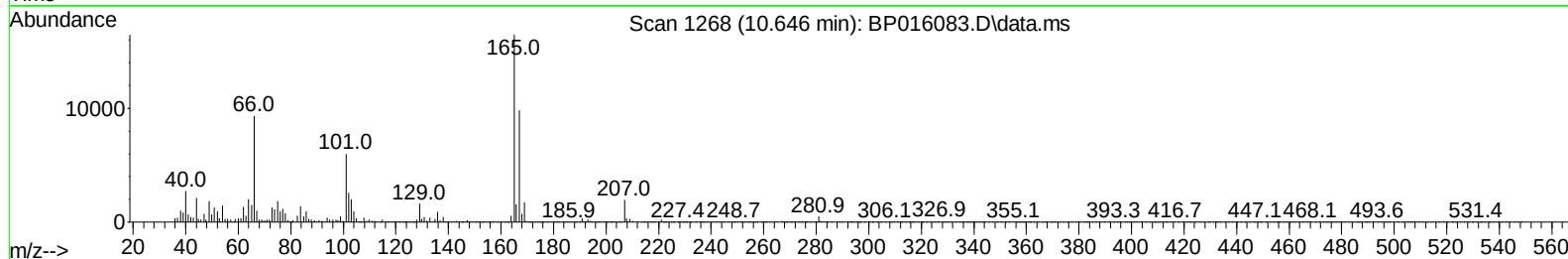
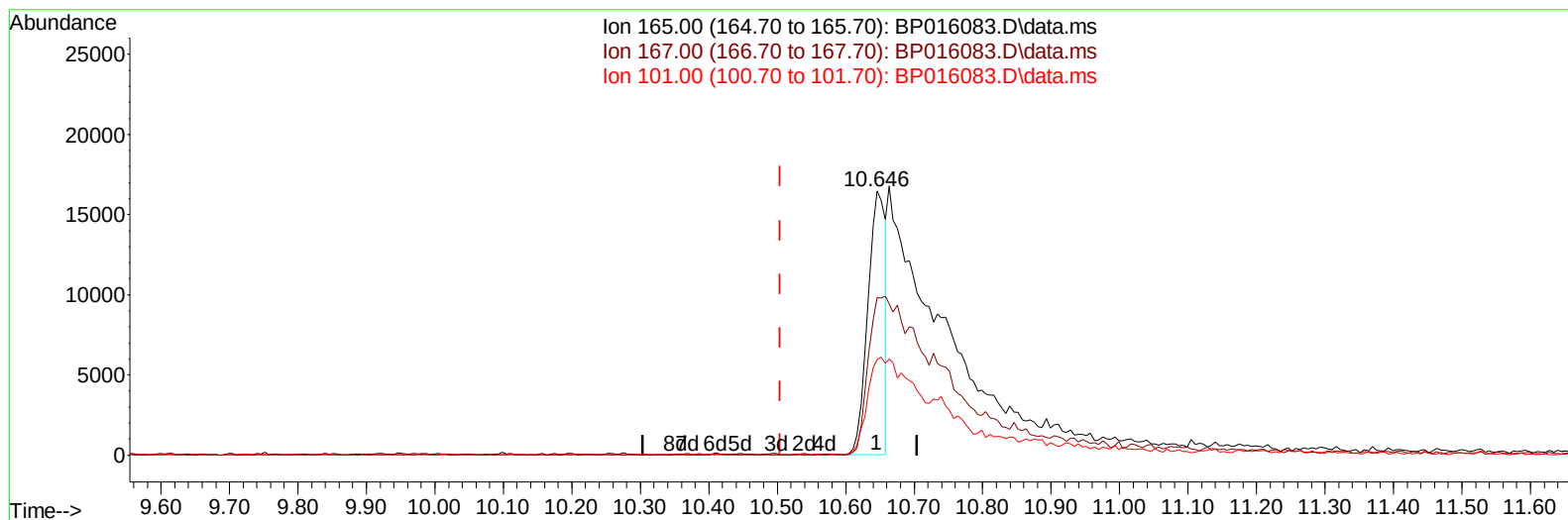
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:45:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

10.646min (+ 0.141) 2.68 ng/ul

response 29293

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	59.63
101.00	37.30	36.28
0.00	0.00	0.00

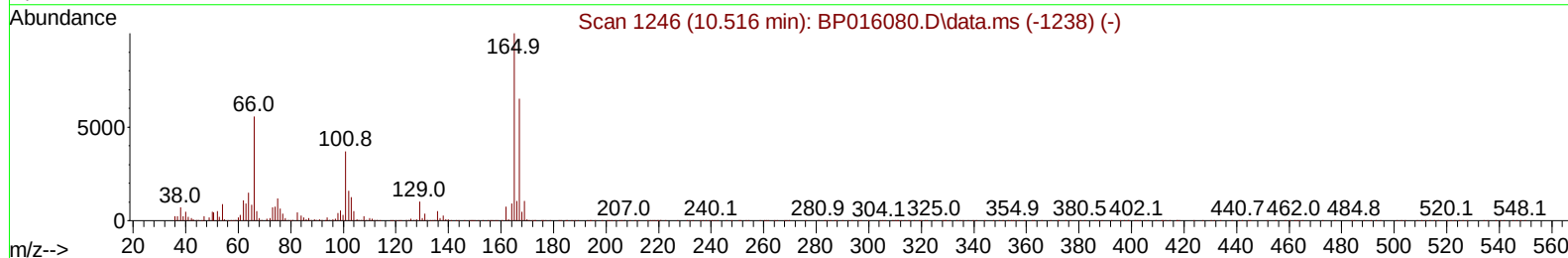
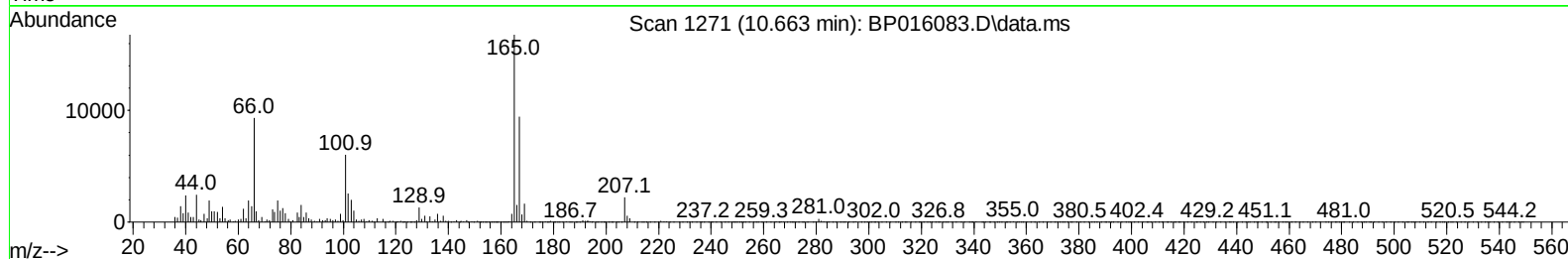
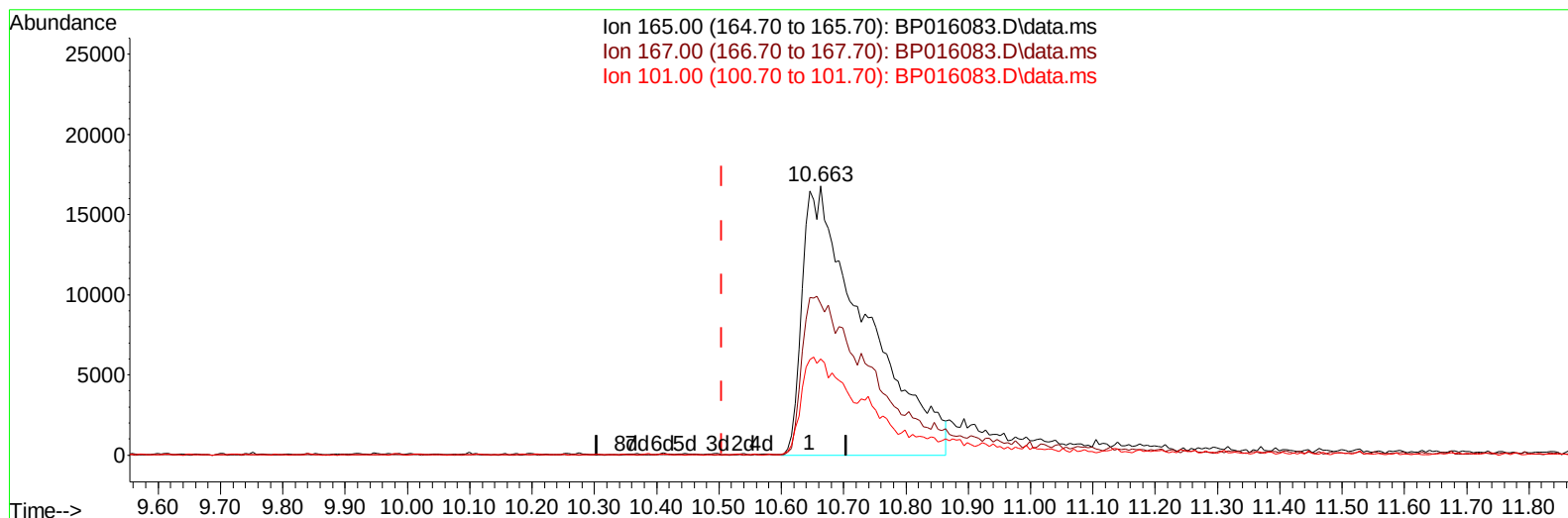
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016083.D
Acq On : 08 Jul 2023 09:35
Operator : MA/JU
Sample : 03332-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:45:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

10.663min (+ 0.159) 10.77 ng/ul m

response 117807

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	56.32
101.00	37.30	35.84
0.00	0.00	0.00

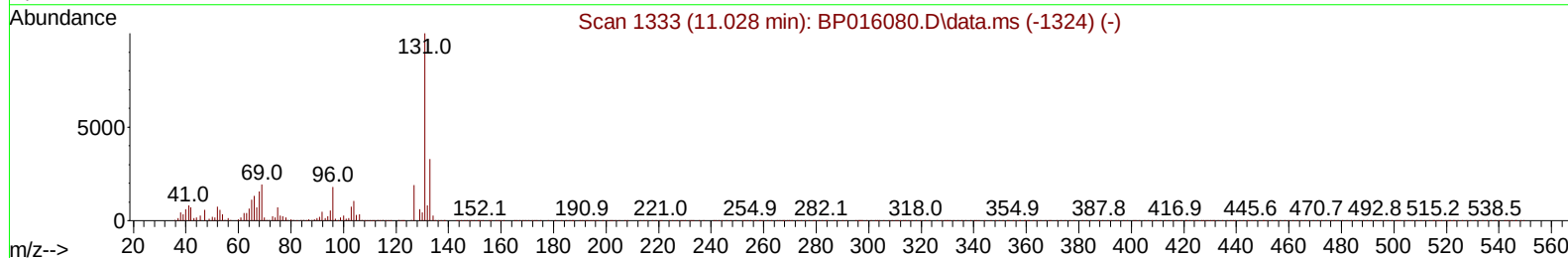
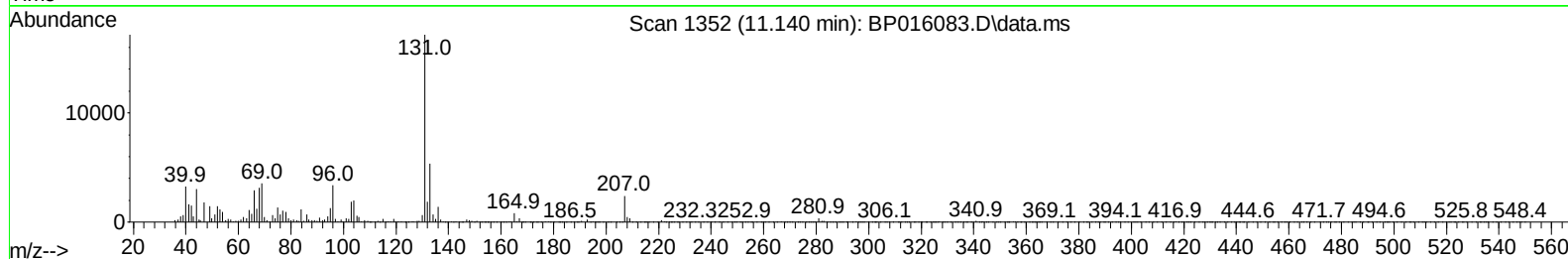
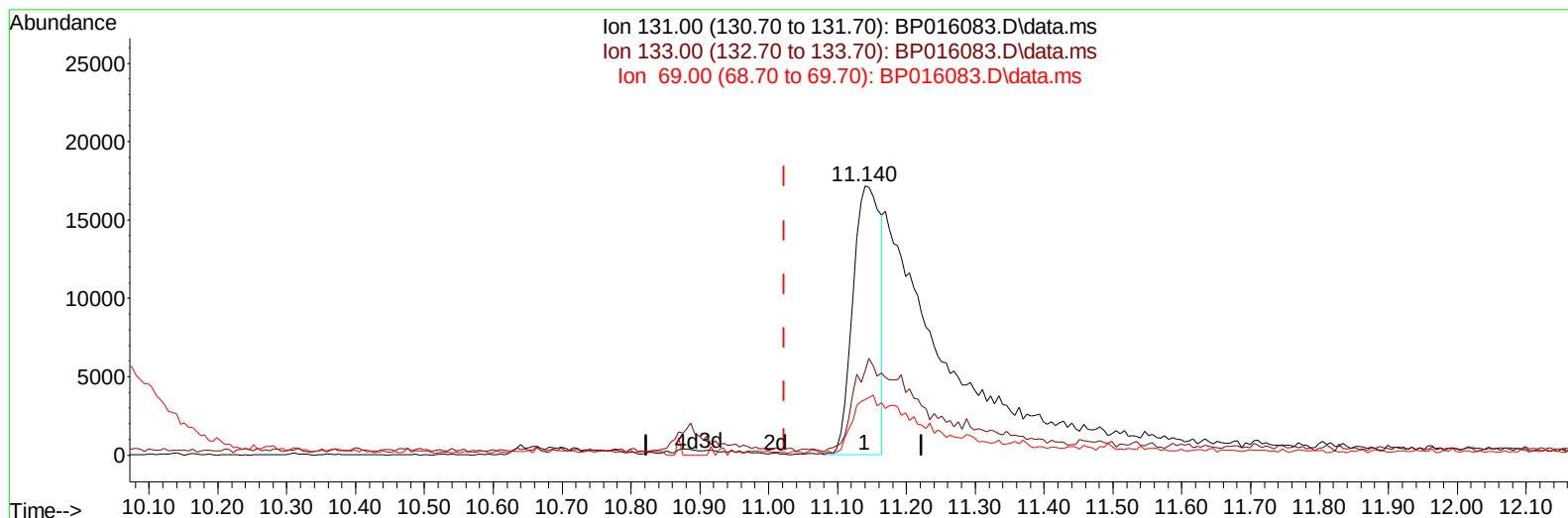
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:45:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.140min (+ 0.118) 3.34 ng/ul

response 46941

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	31.25
69.00	22.20	20.75
0.00	0.00	0.00

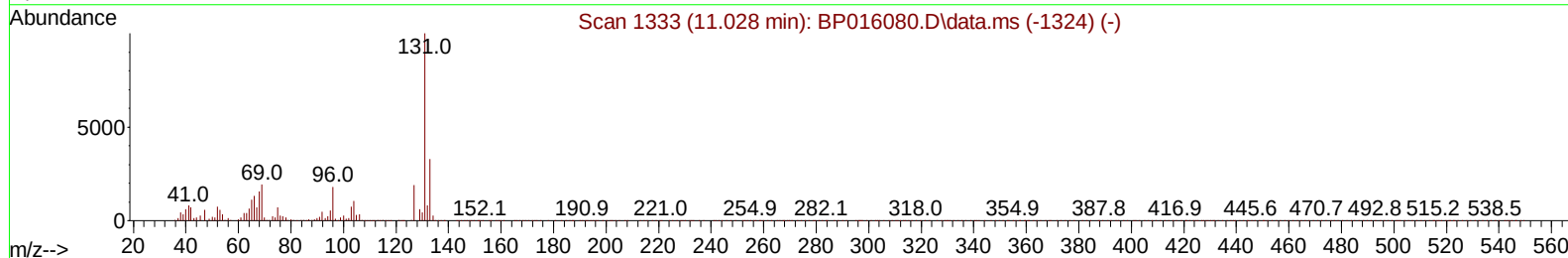
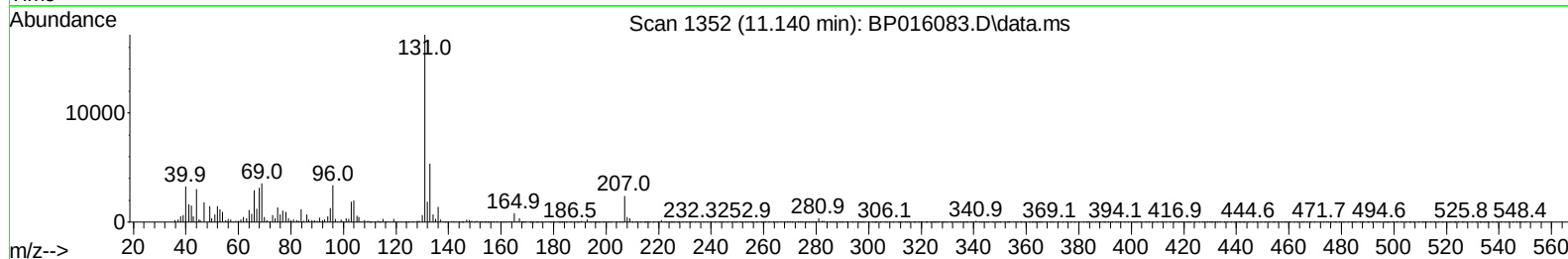
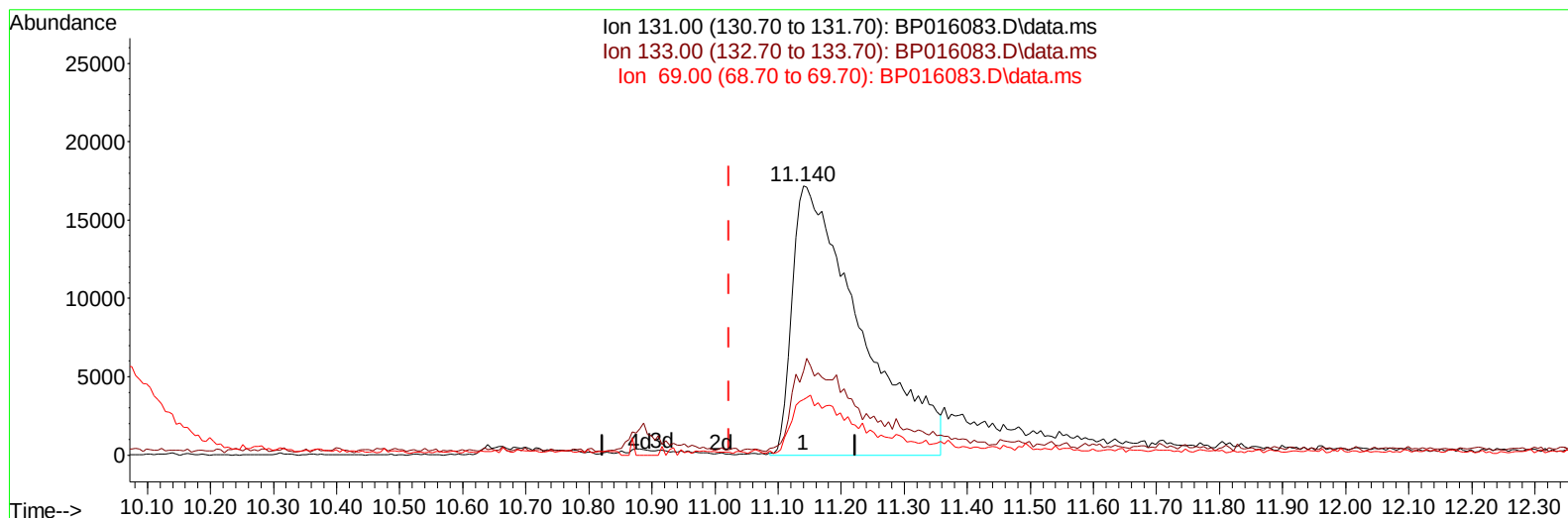
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:45:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.140min (+ 0.118) 9.15 ng/ul m

response 128554

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	31.25
69.00	22.20	20.75
0.00	0.00	0.00

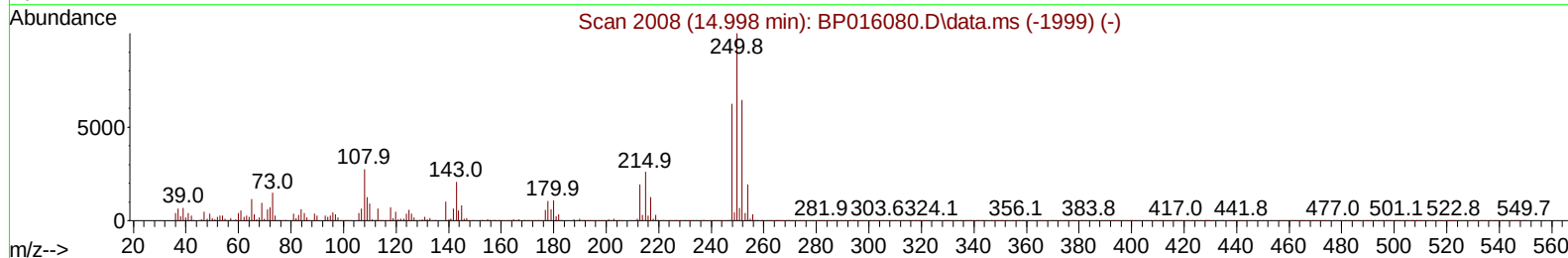
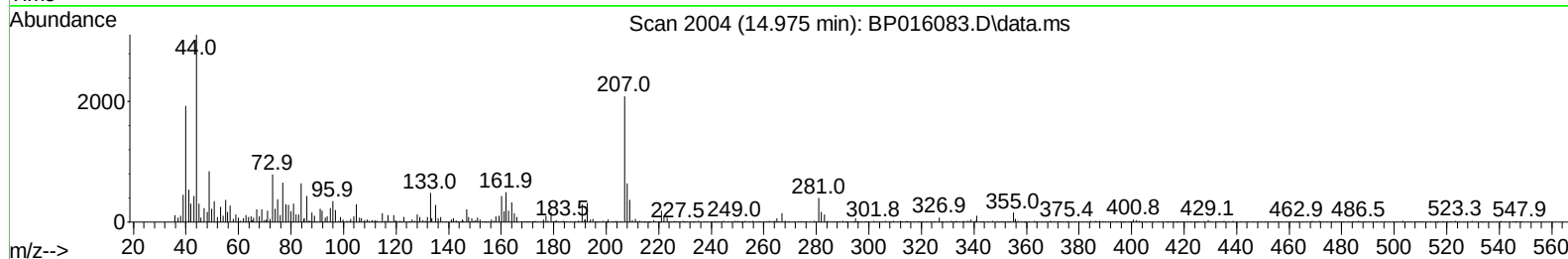
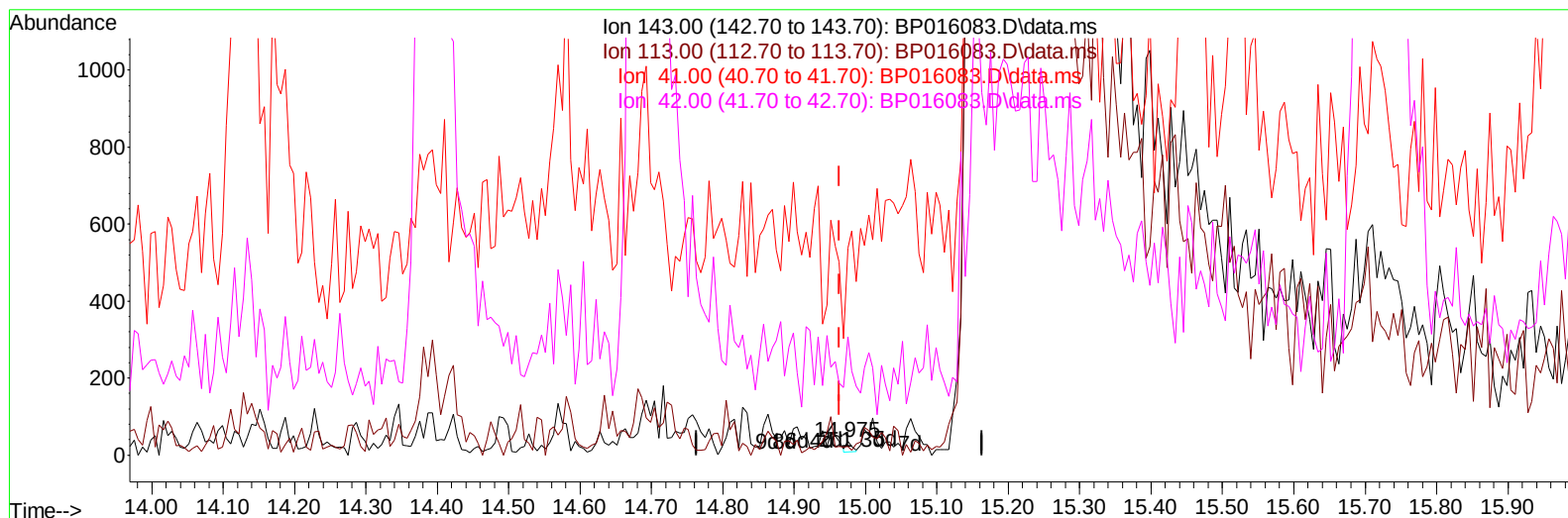
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.975min (+ 0.012) 0.00 ng/ul

response 16

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	61.11#
41.00	45.70	1494.44#
42.00	31.20	852.78#

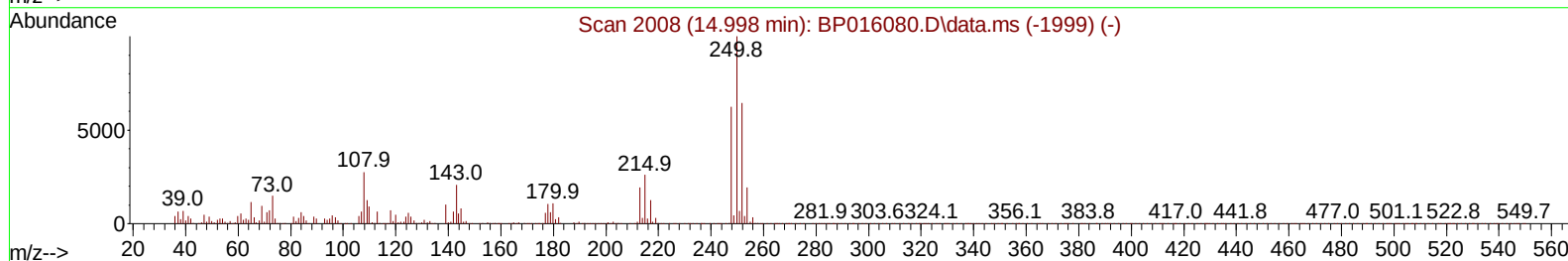
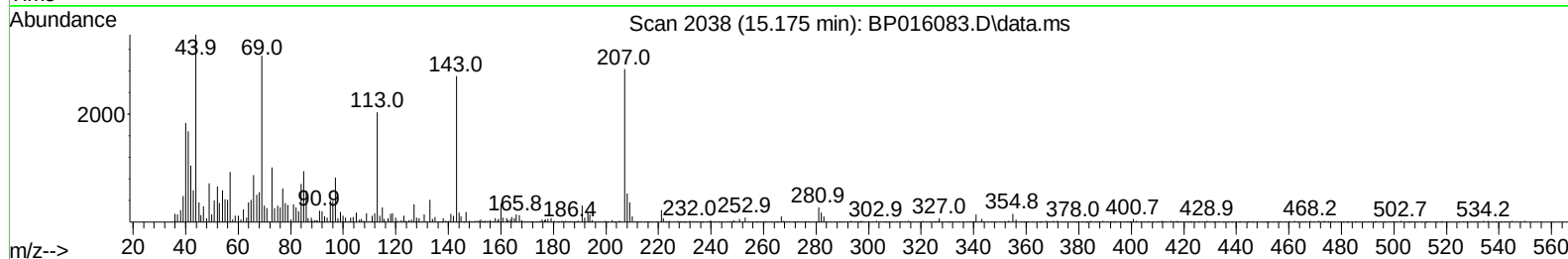
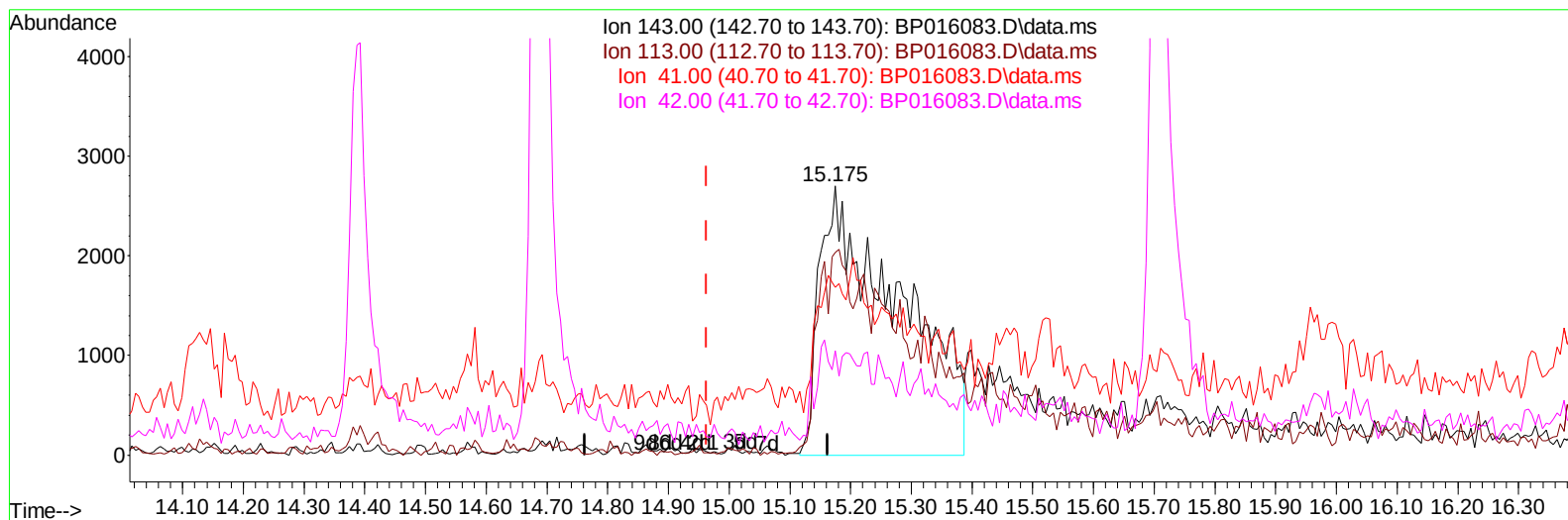
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016083.D
Acq On : 08 Jul 2023 09:35
Operator : MA/JU
Sample : 03332-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.175min (+ 0.212) 5.41 ng/ul m

response 24757

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	75.36
41.00	45.70	62.47#
42.00	31.20	38.79#

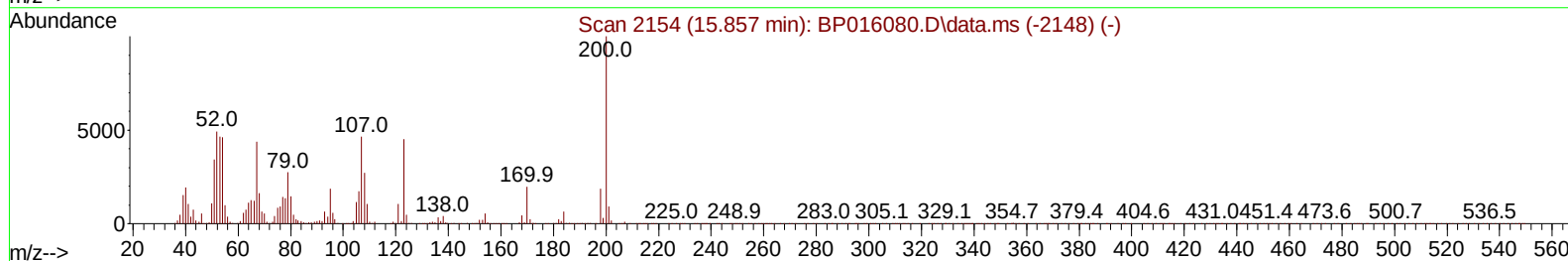
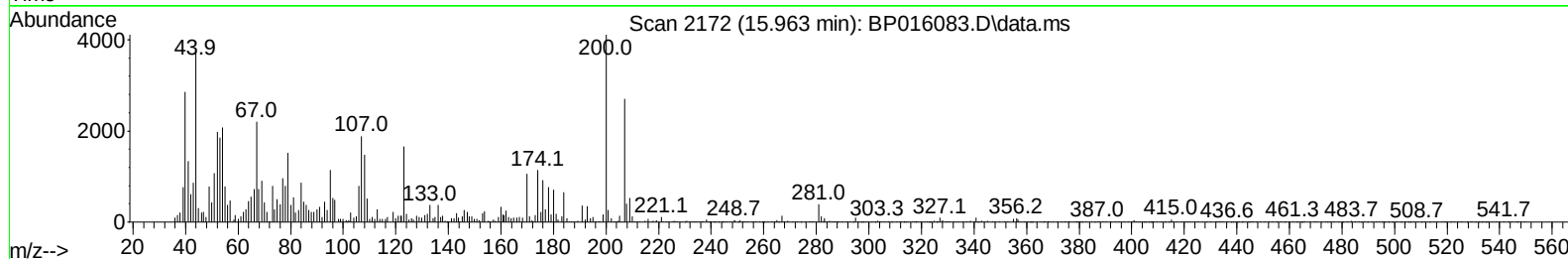
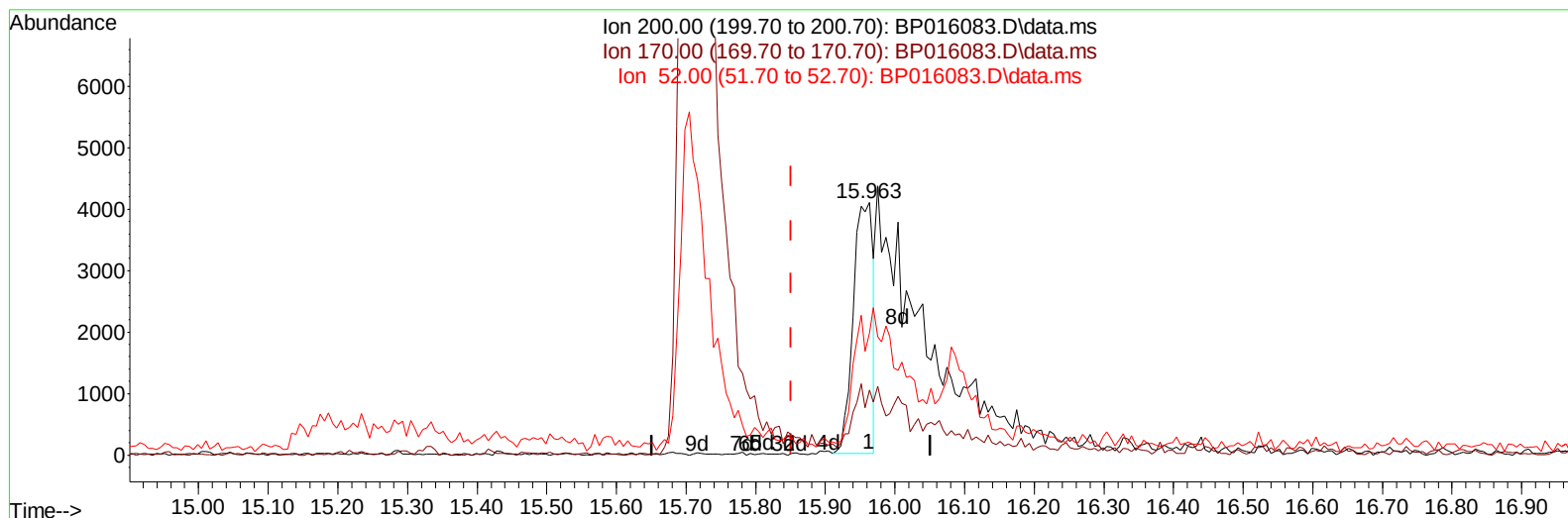
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

15.963min (+ 0.112) 1.35 ng/ul

response 8073

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	25.71
52.00	52.20	48.31
0.00	0.00	0.00

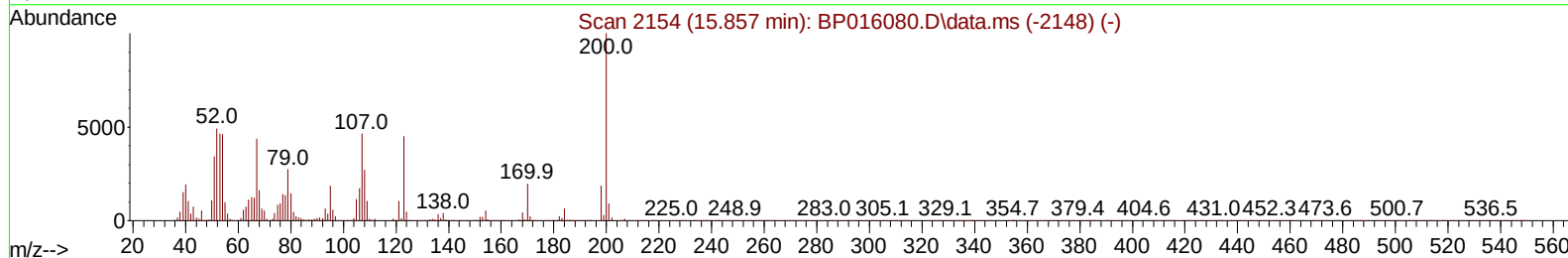
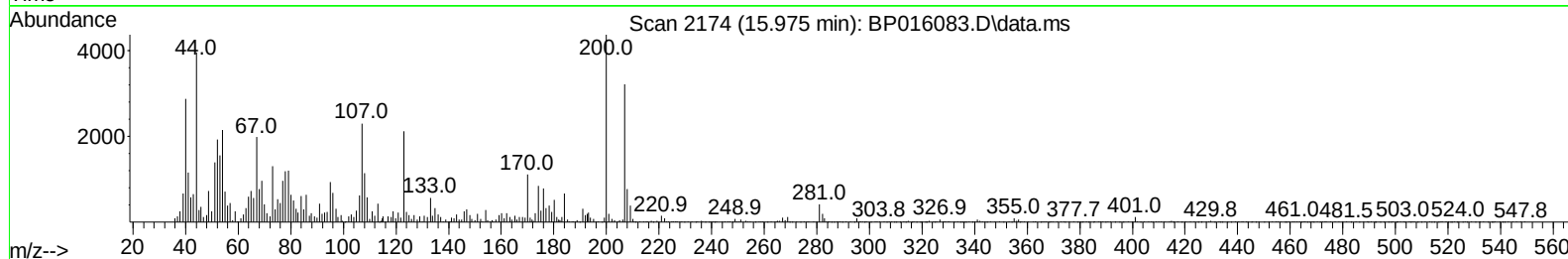
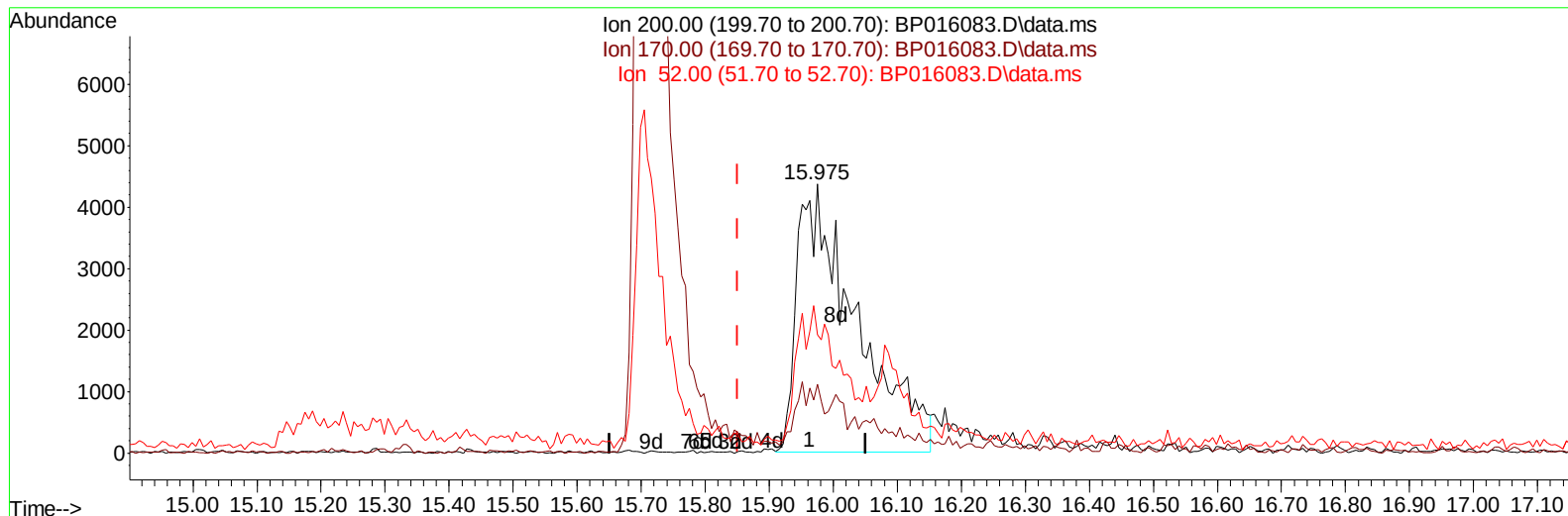
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016083.D
Acq On : 08 Jul 2023 09:35
Operator : MA/JU
Sample : 03332-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:46:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016083.D\data.ms

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

15.975min (+ 0.124) 4.65 ng/ul m

response 27799

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	25.57
52.00	52.20	44.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016083.D
 Acq On : 08 Jul 2023 09:35
 Operator : MA/JU
 Sample : 03332-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTY6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 08 22:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	152036m	20.000	ng/ul	0.02
20) Naphthalene-d8	10.875	136	688390	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.687	164	448277	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.457	188	972642	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.551	240	973726	20.000	ng/ul	# 0.01
88) Perylene-d12	24.080	264	986427	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	10533	2.493	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.281	99	136373	10.483	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.387	67	117365m	14.583	ng/ul	0.03
11) 2-Chlorophenol-d4	7.605	132	140966	14.355	ng/ul	0.04
15) 4-Methylphenol-d8	8.852	113	129155m	12.568	ng/ul	0.08
21) Nitrobenzene-d5	9.281	128	60401	11.481	ng/ul	0.06
24) 2-Nitrophenol-d4	10.058	143	68358m	11.133	ng/ul	0.11
28) 2,4-Dichlorophenol-d3	10.663	165	117807m	10.767	ng/ul	0.16
31) 4-Chloroaniline-d4	11.140	131	128554m	9.146	ng/ul	0.12
46) Dimethylphthalate-d6	14.122	166	500176	14.436	ng/ul	0.04
49) Acenaphthylene-d8	14.387	160	554683	14.241	ng/ul	0.01
54) 4-Nitrophenol-d4	15.175	143	24757m	5.415	ng/ul	0.21
60) Fluorene-d10	15.704	176	457855	16.049	ng/ul	0.03
65) 4,6-Dinitro-2-methylph...	15.975	200	27799m	4.647	ng/ul	0.12
73) Anthracene-d10	17.569	188	705141	15.871	ng/ul	0.02
81) Pyrene-d10	19.786	212	951831	14.970	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.910	264	807636	16.231	ng/ul	0.00

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016083.D
Acq On : 08 Jul 2023 09:35
Operator : MA/JU
Sample : 03332-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTY6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 22:47:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

