

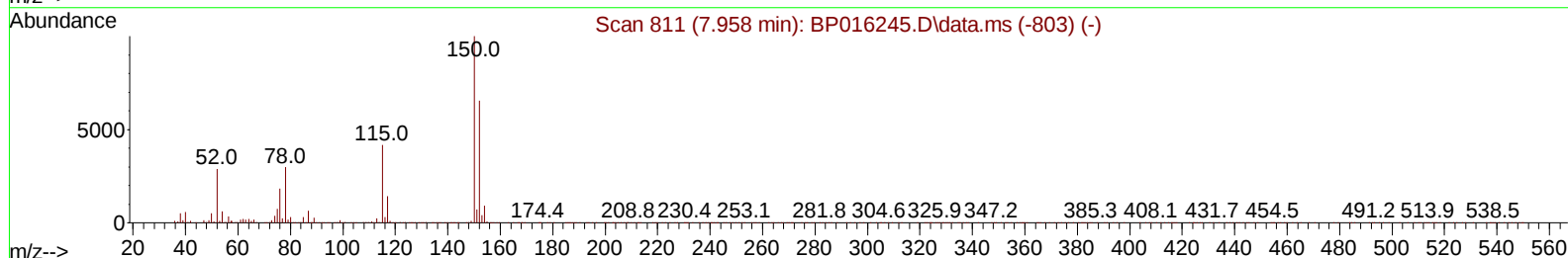
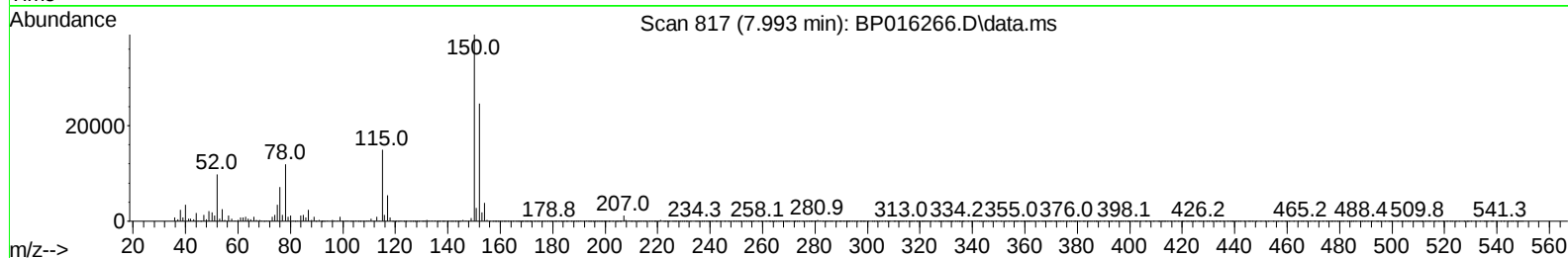
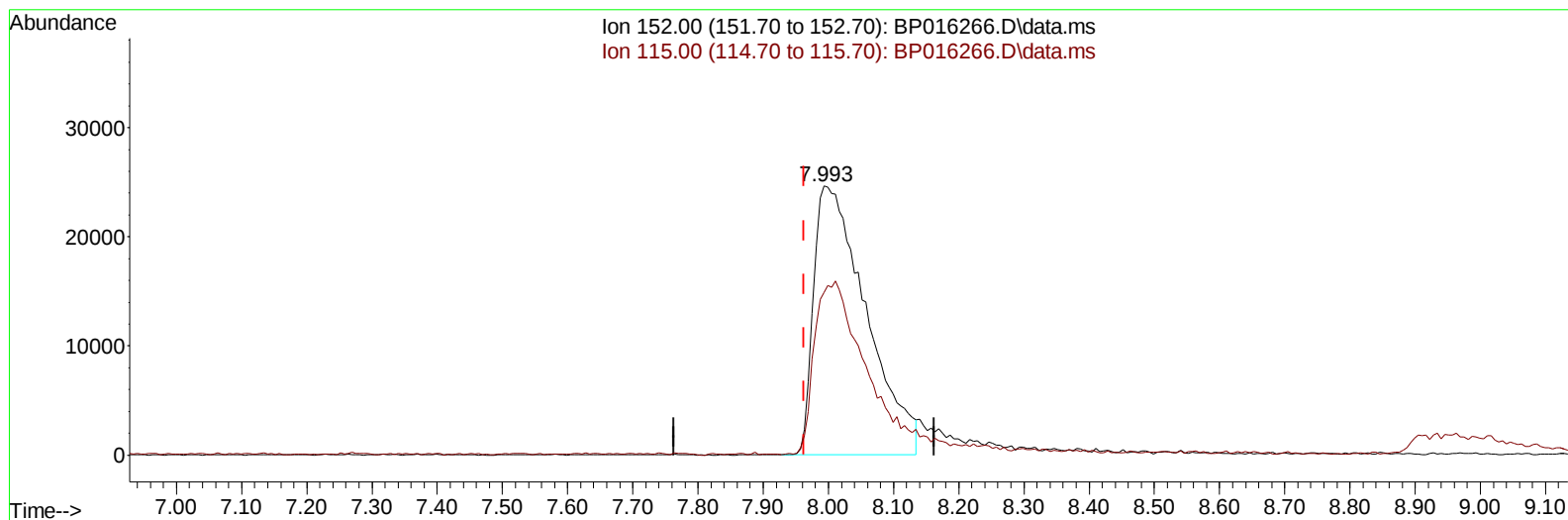
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:03:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

7.993min (+ 0.030) 20.00 ng/u1

response 137499

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	60.90	60.48
0.00	0.00	0.00
0.00	0.00	0.00

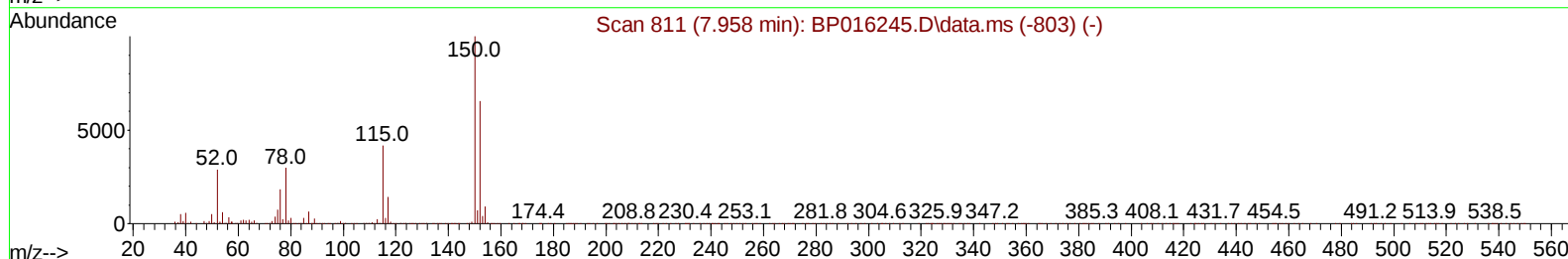
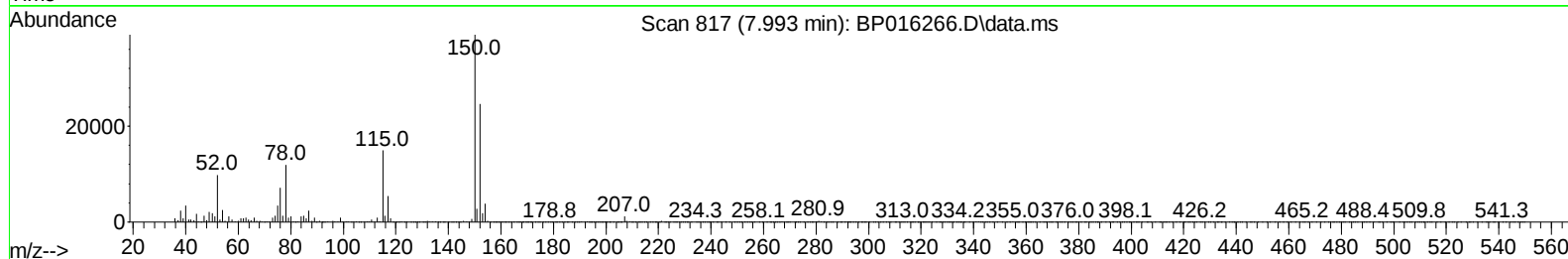
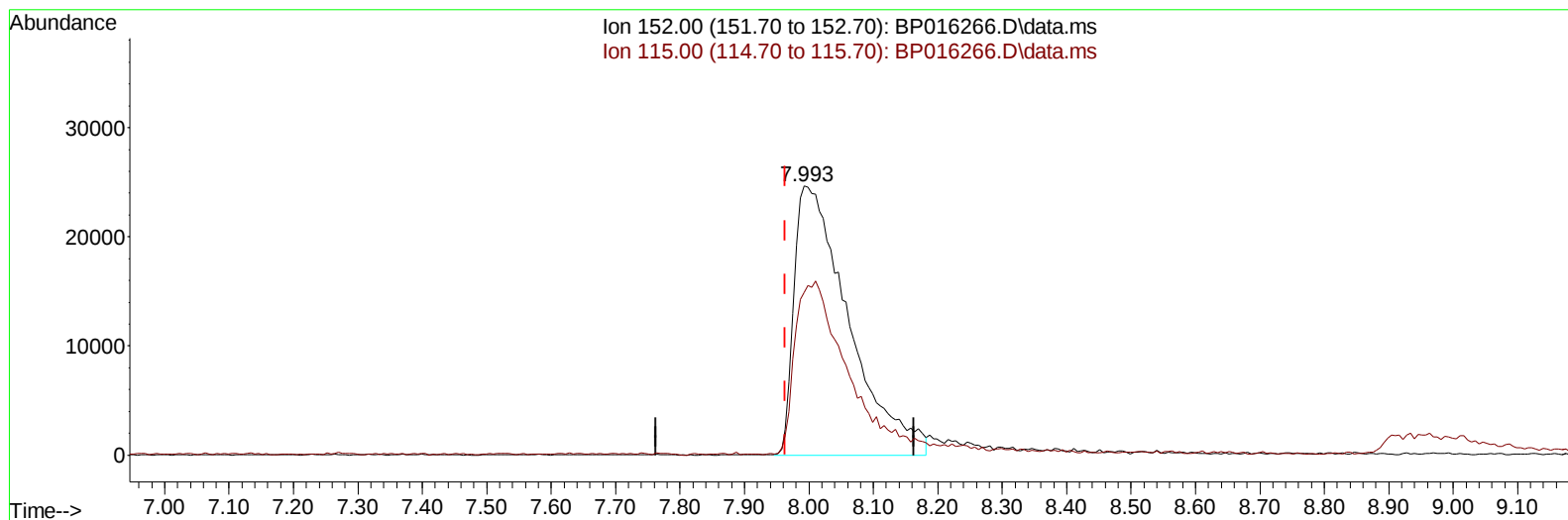
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:03:12 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

7.993min (+ 0.030) 20.00 ng/ul m

response 144196

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	60.90	60.48
0.00	0.00	0.00
0.00	0.00	0.00

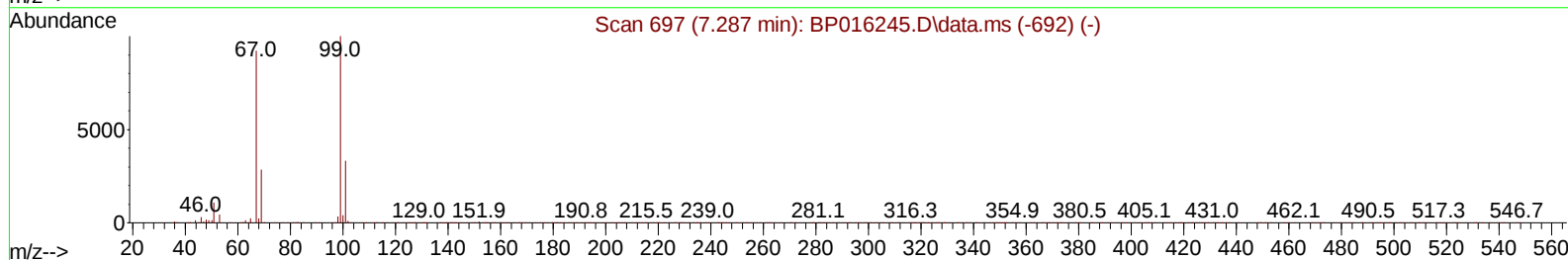
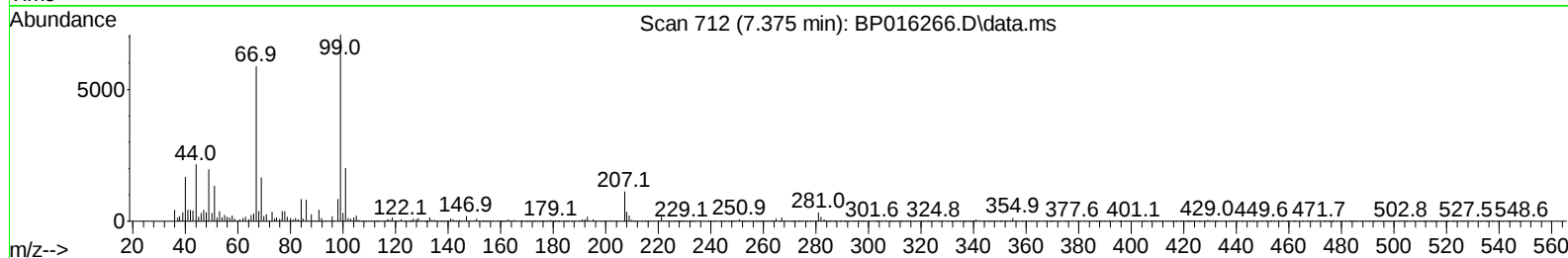
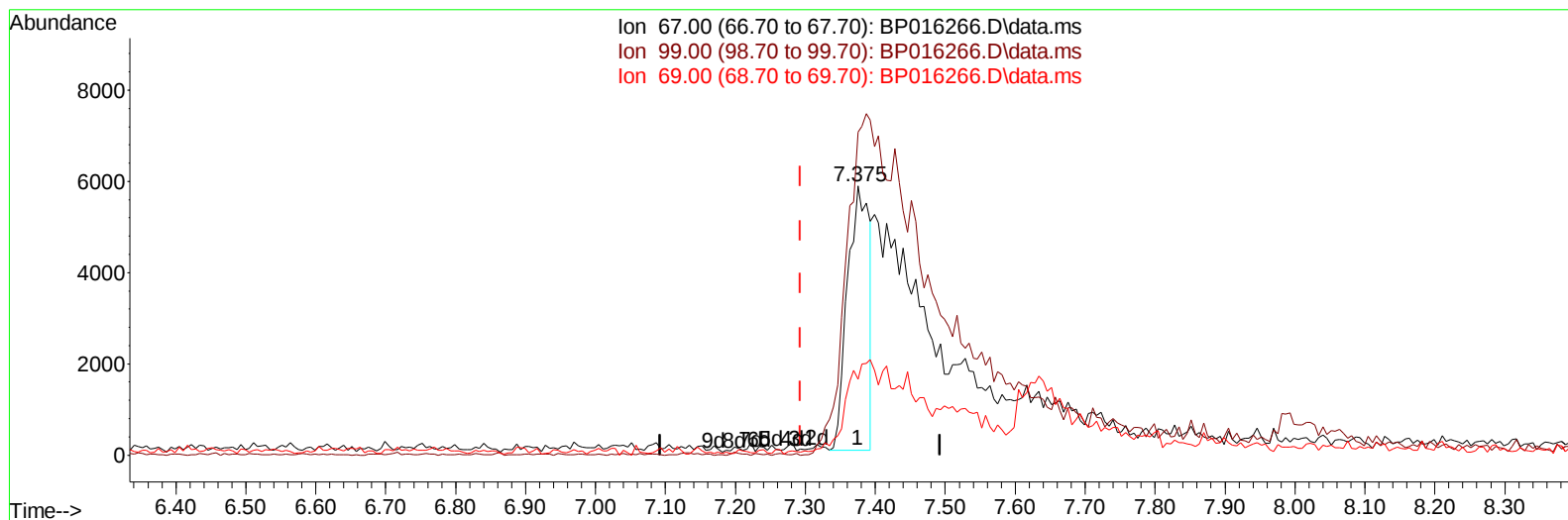
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

7.375min (+ 0.082) 1.44 ng/u1

response 12673

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	120.22
69.00	33.10	28.24
0.00	0.00	0.00

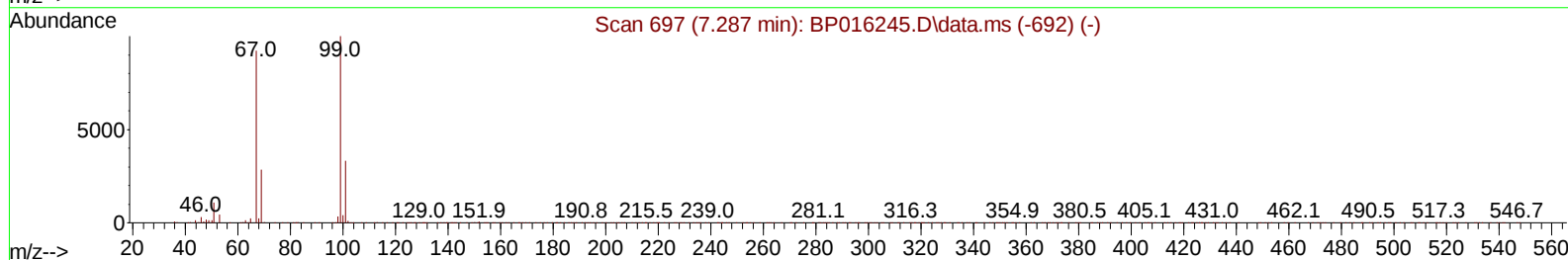
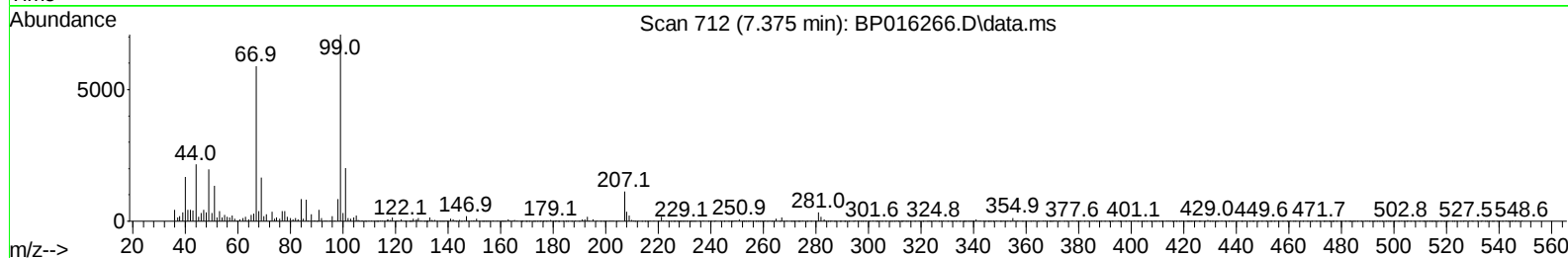
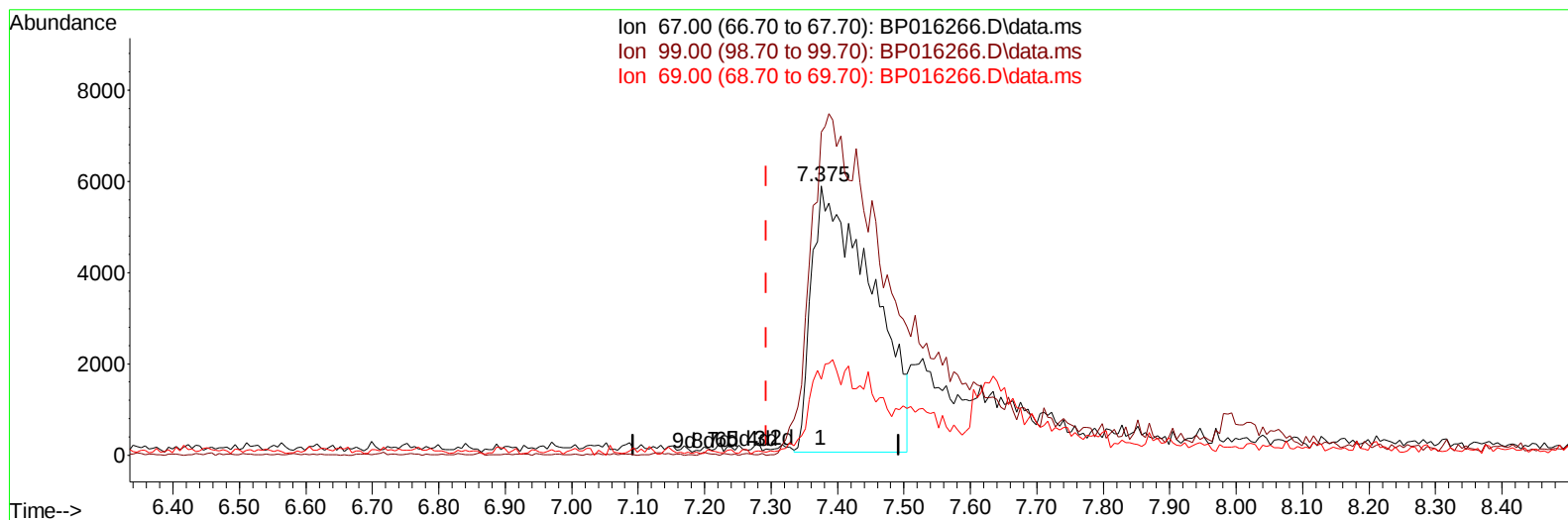
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 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

7.375min (+ 0.082) 4.16 ng/ul m

response 36672

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	120.22
69.00	33.10	28.24
0.00	0.00	0.00

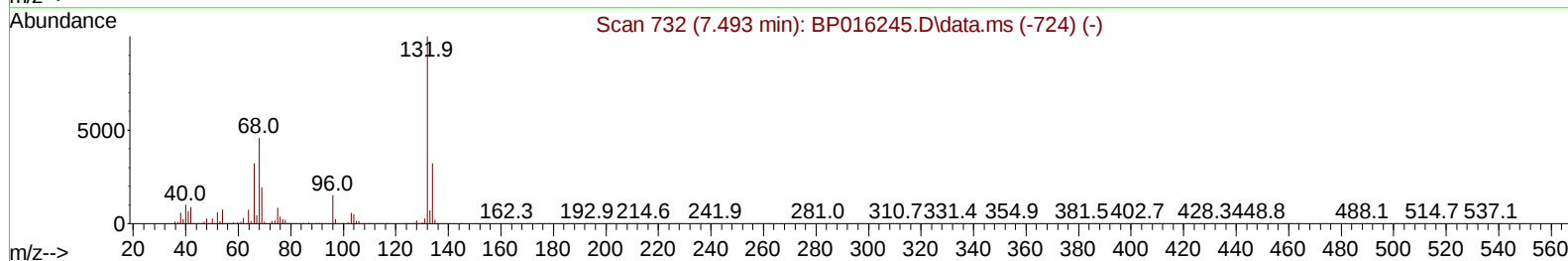
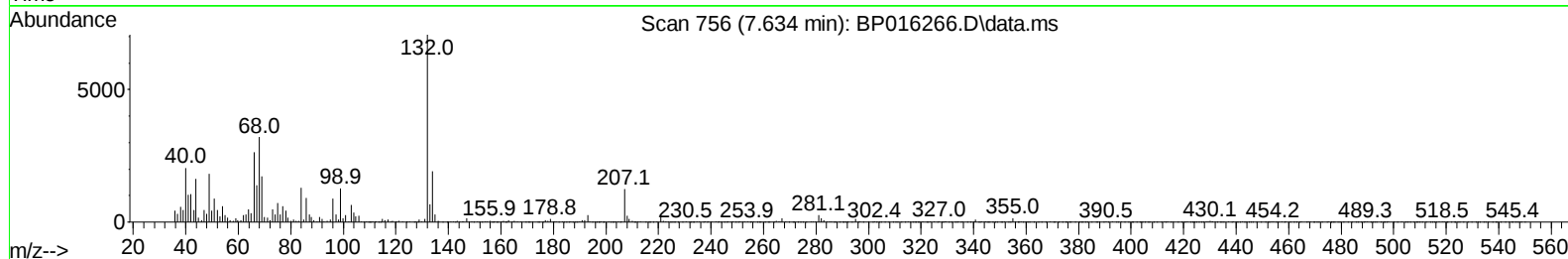
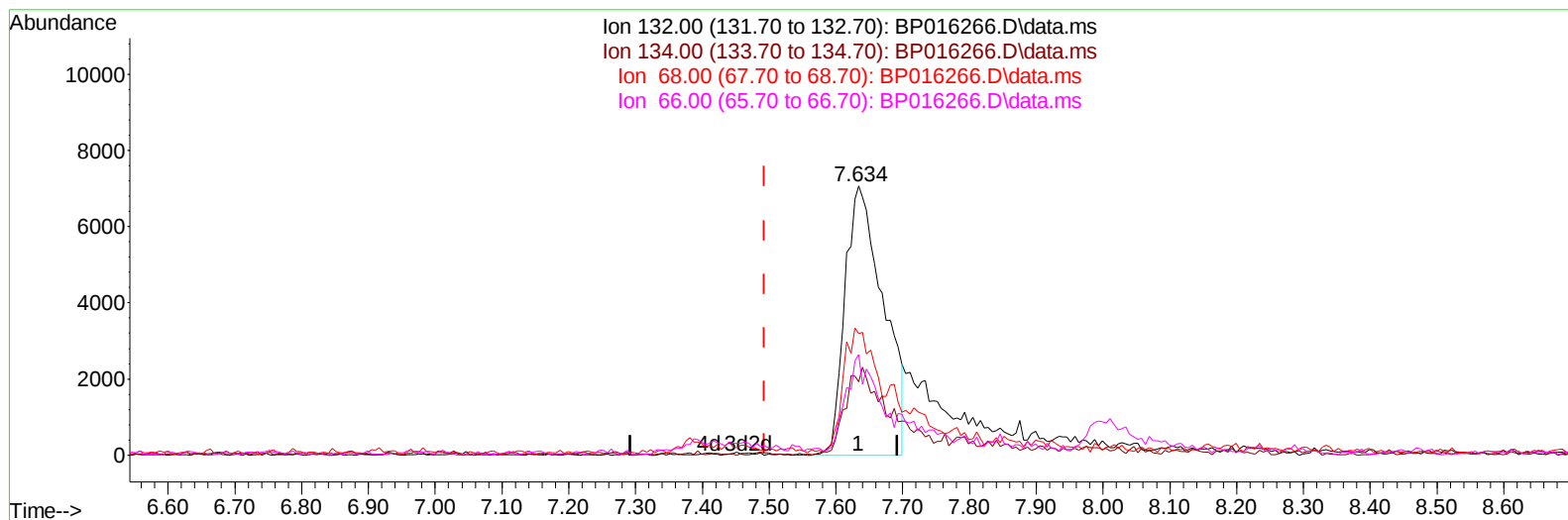
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016266.D
Acq On : 17 Jul 2023 22:22
Operator : MA/JU
Sample : 03477-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA48DL

Manual IntegrationsAPPROVED

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TIC: BP016266.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.634min (+ 0.141) 2.99 ng/u1

response 28149

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	27.30
68.00	47.30	45.27
66.00	33.60	37.30

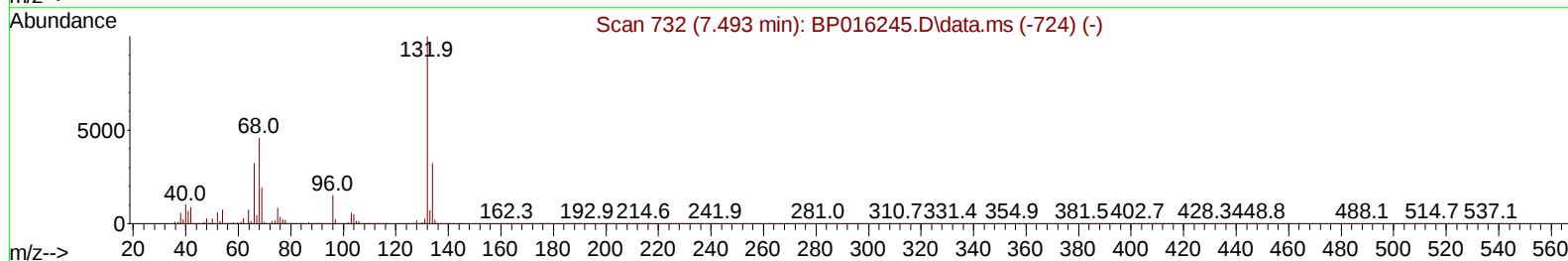
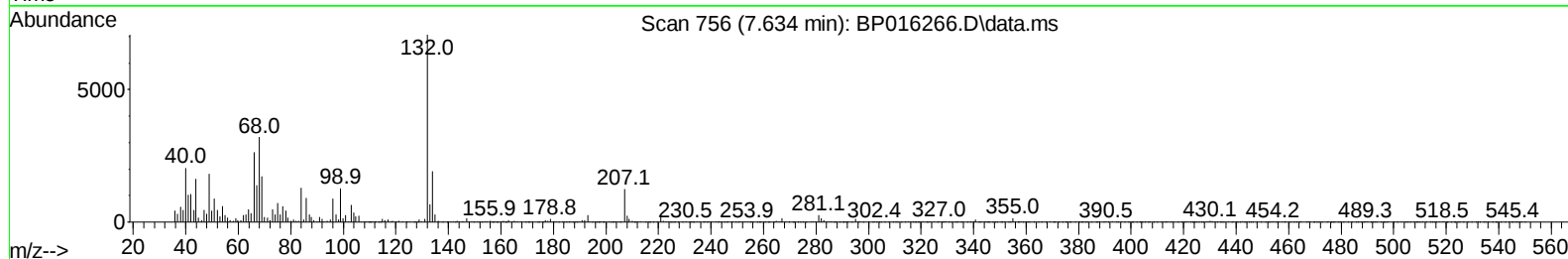
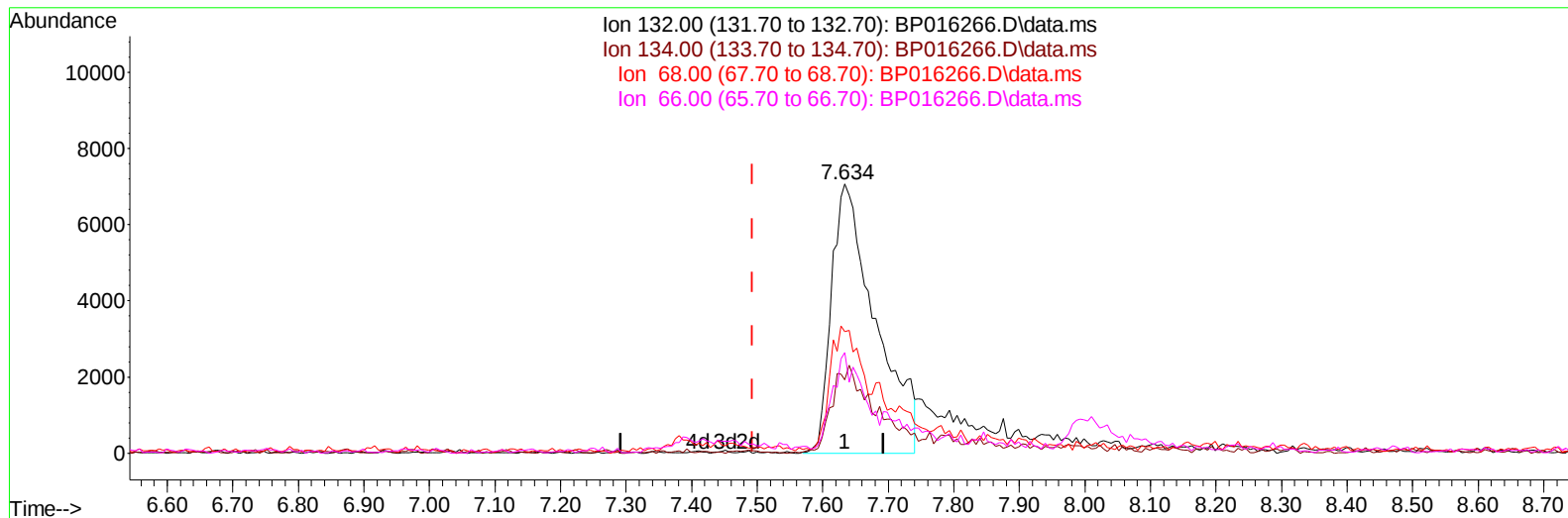
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Data File : BP016266.D
Acq On : 17 Jul 2023 22:22
Operator : MA/JU
Sample : 03477-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:30:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.634min (+ 0.141) 3.49 ng/u1 m

response 32819

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	27.30
68.00	47.30	45.27
66.00	33.60	37.30

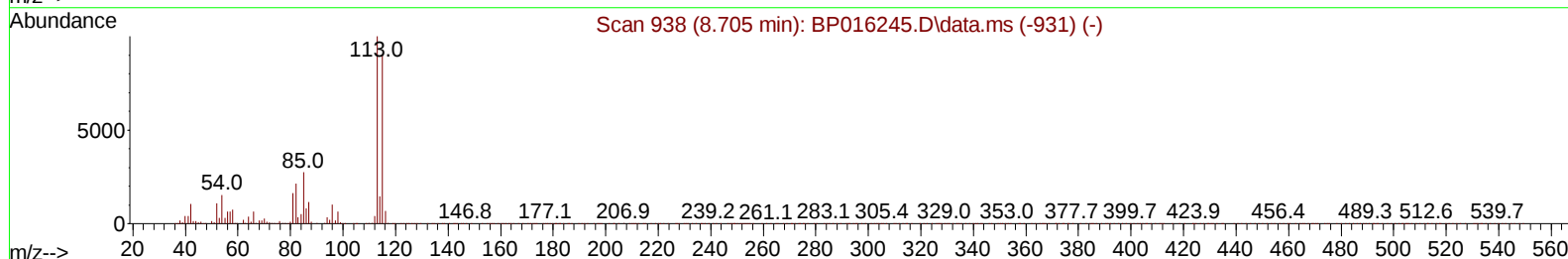
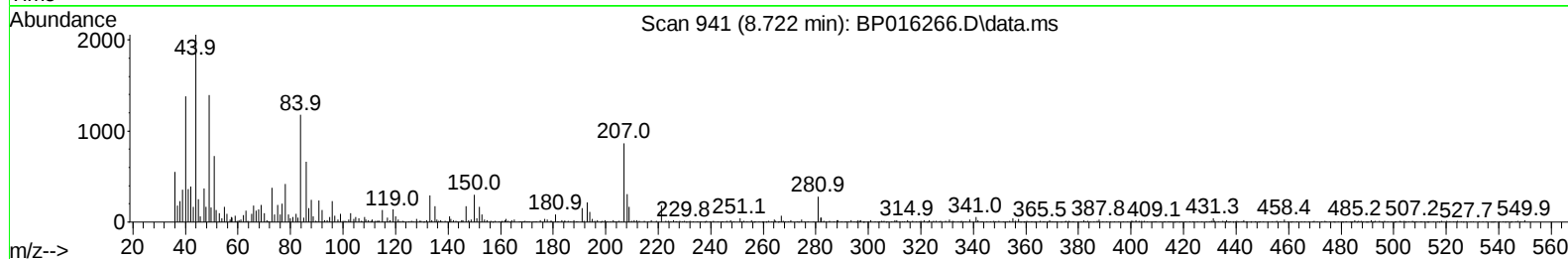
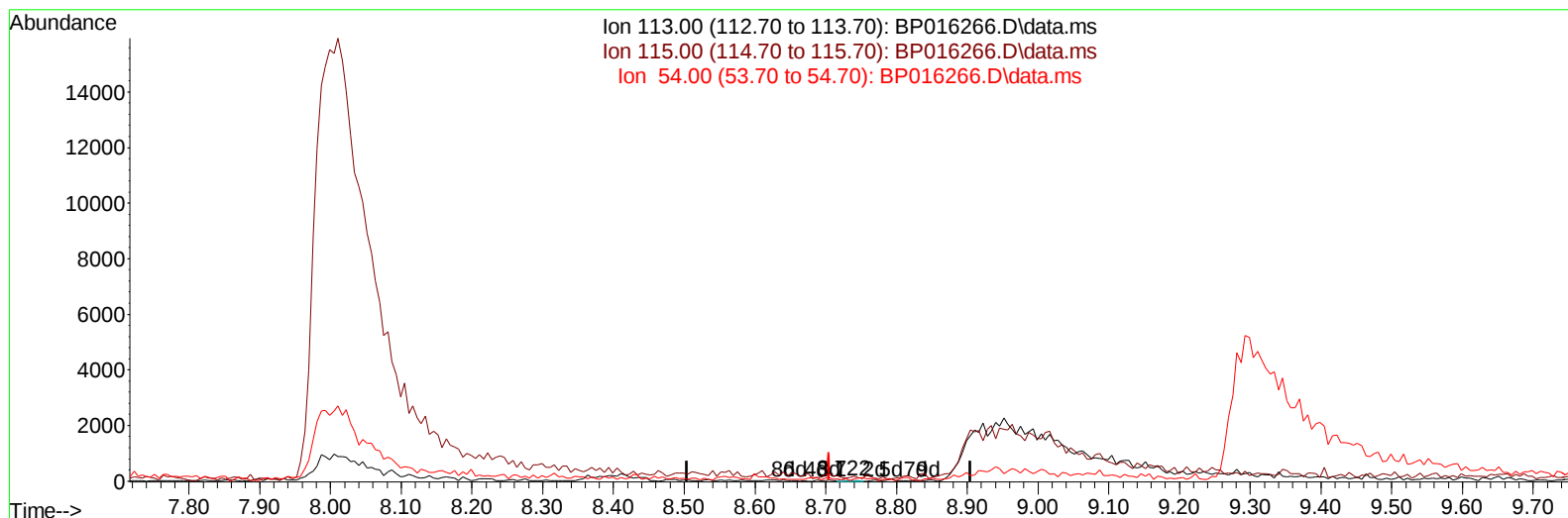
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
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 Sample : 03477-10DL 5X
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:30:02 2023
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Reviewed By :Yogesh Patel 07/18/2023
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TIC: BP016266.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.722min (+ 0.018) 0.00 ng/u1

response 32

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	496.30#
54.00	16.30	151.85#
0.00	0.00	0.00

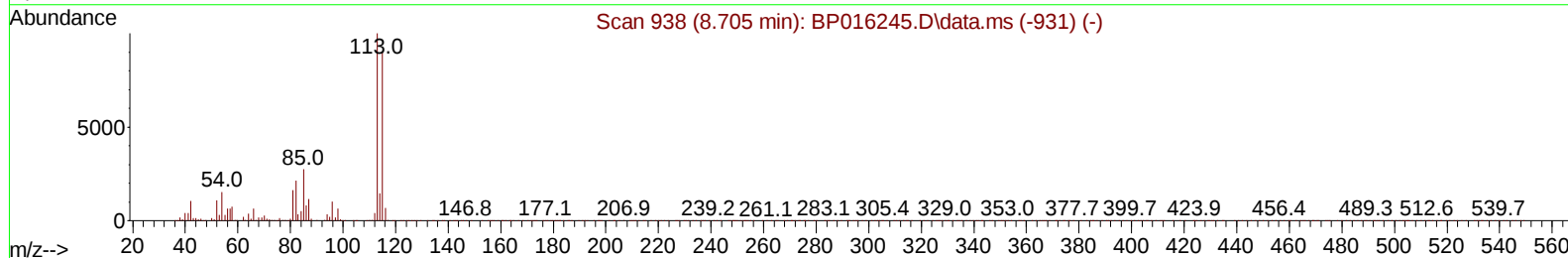
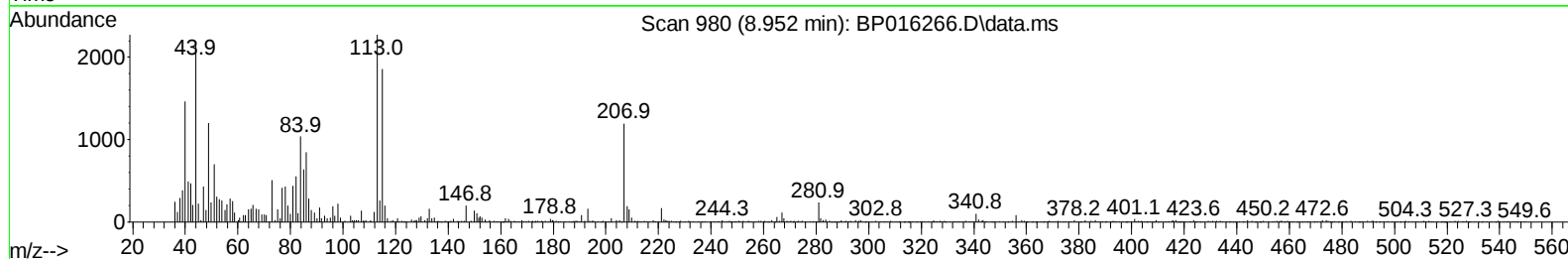
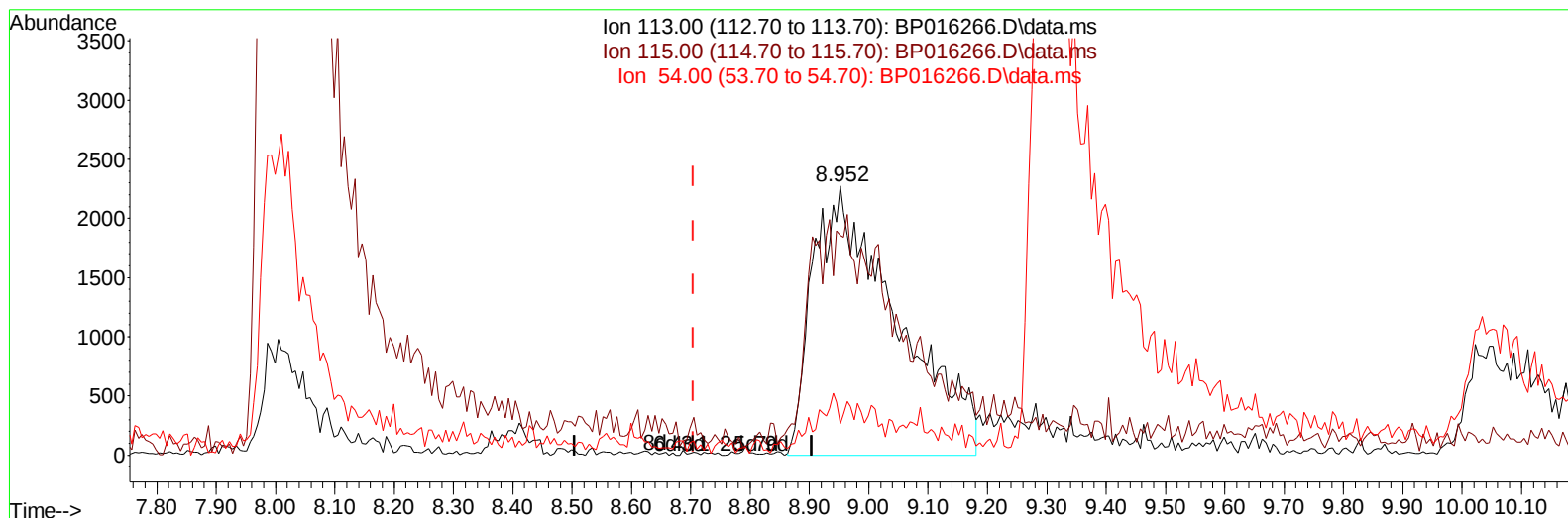
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 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.952min (+ 0.247) 2.12 ng/ul m

response 22198

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	81.65
54.00	16.30	11.61#
0.00	0.00	0.00

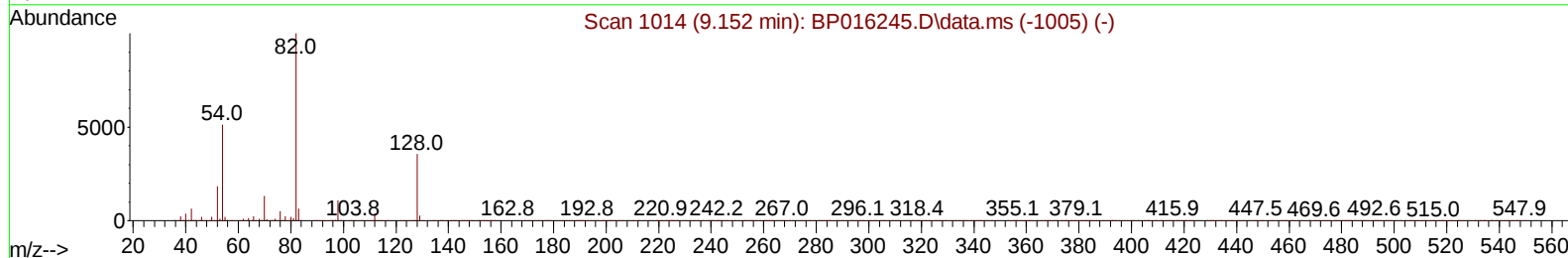
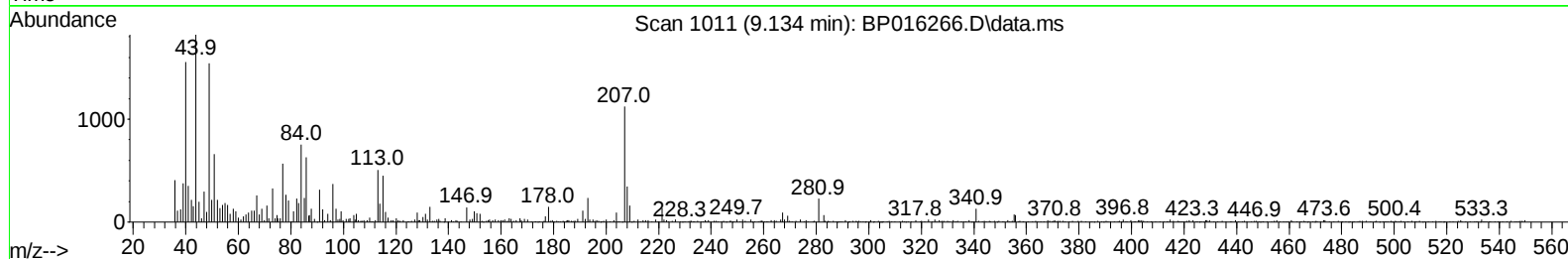
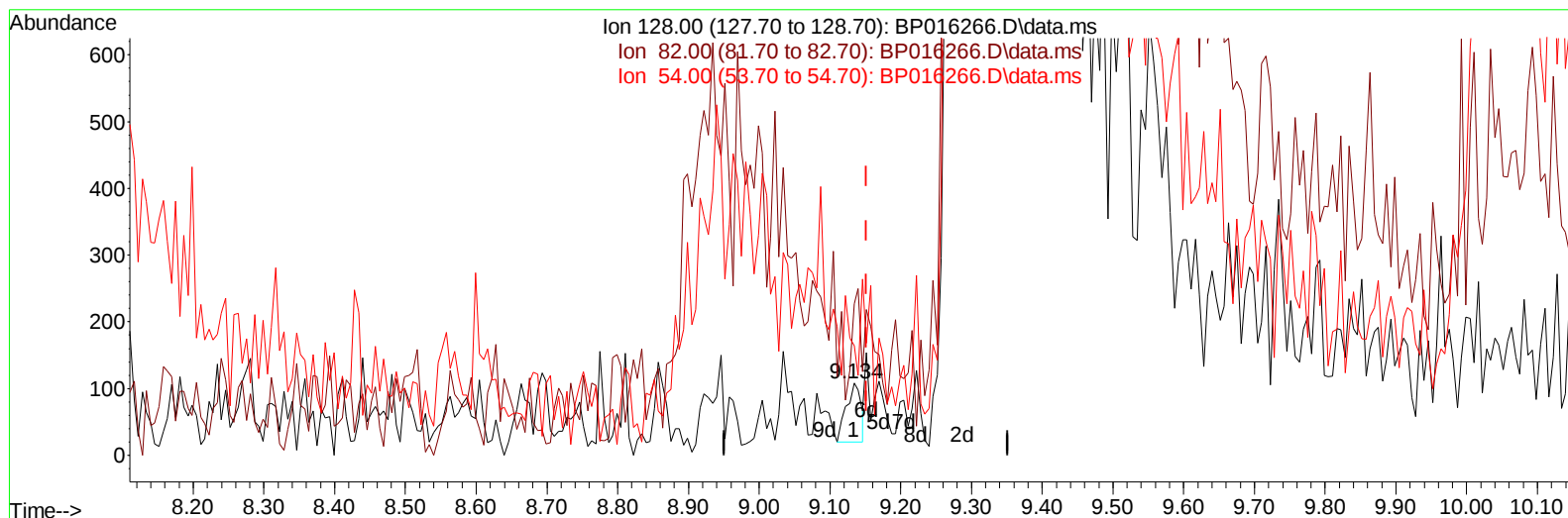
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 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:32:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BP016266.D\data.ms

(21) Nitrobenzene-d5 (S)

9.134min (-0.018) 0.03 ng/u1

response 126

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	210.19
54.00	136.80	151.85
0.00	0.00	0.00

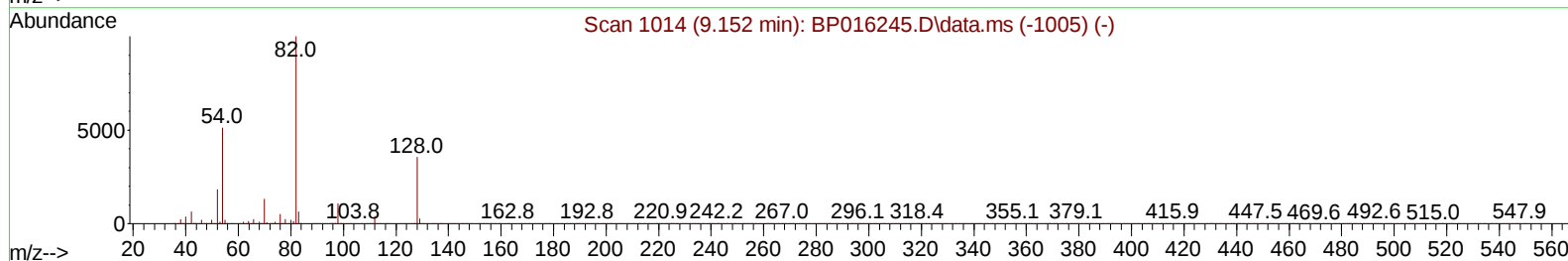
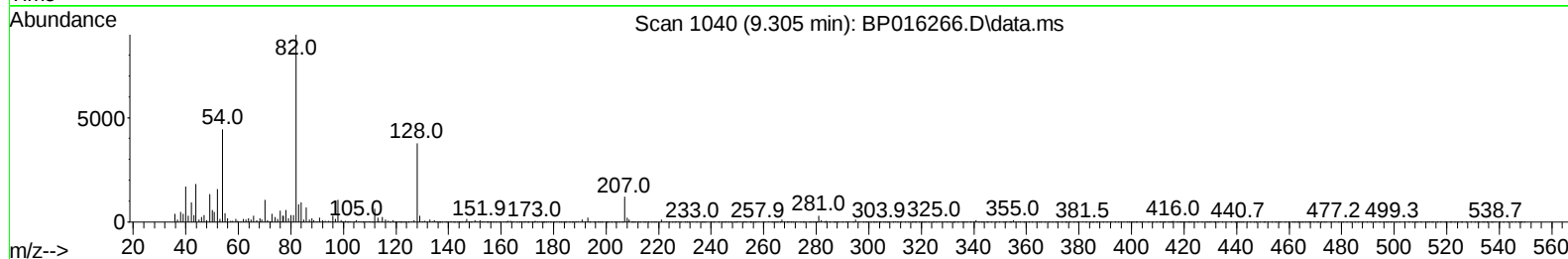
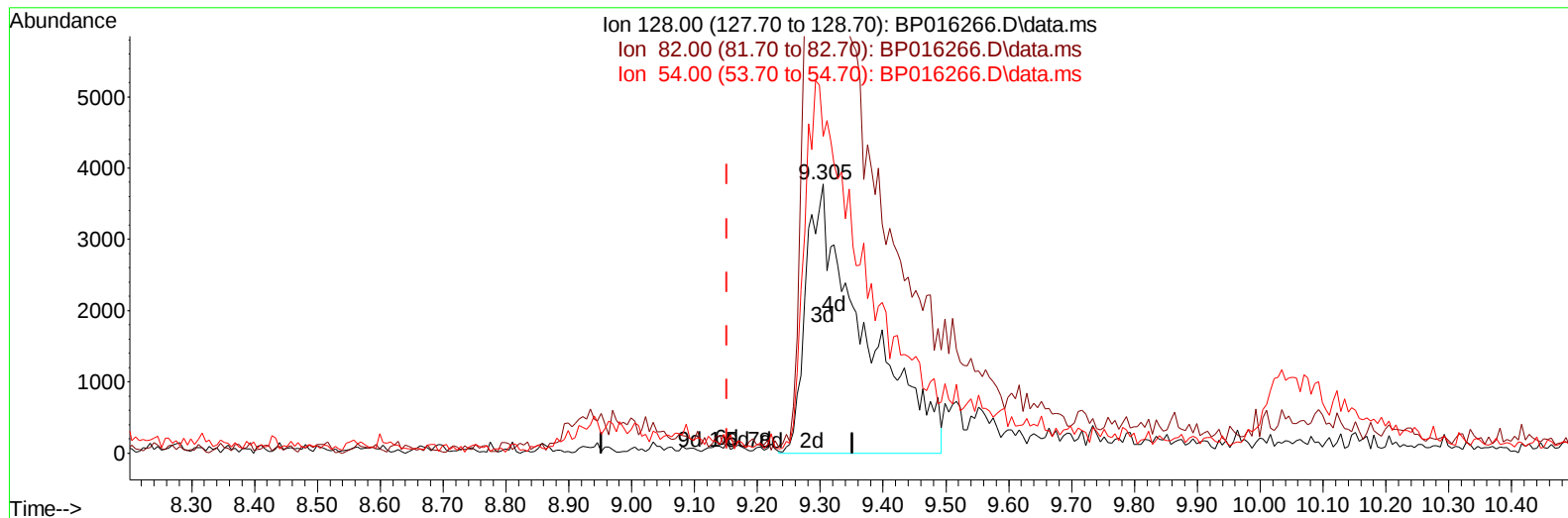
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Data File : BP016266.D
Acq On : 17 Jul 2023 22:22
Operator : MA/JU
Sample : 03477-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:32:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(21) Nitrobenzene-d5 (S)

9.305min (+ 0.153) 4.80 ng/u1 m

response 24078

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	237.60
54.00	136.80	117.78
0.00	0.00	0.00

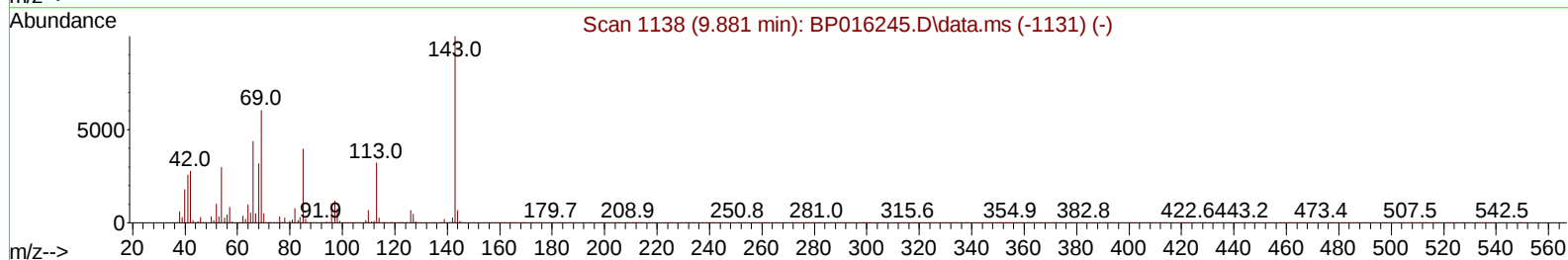
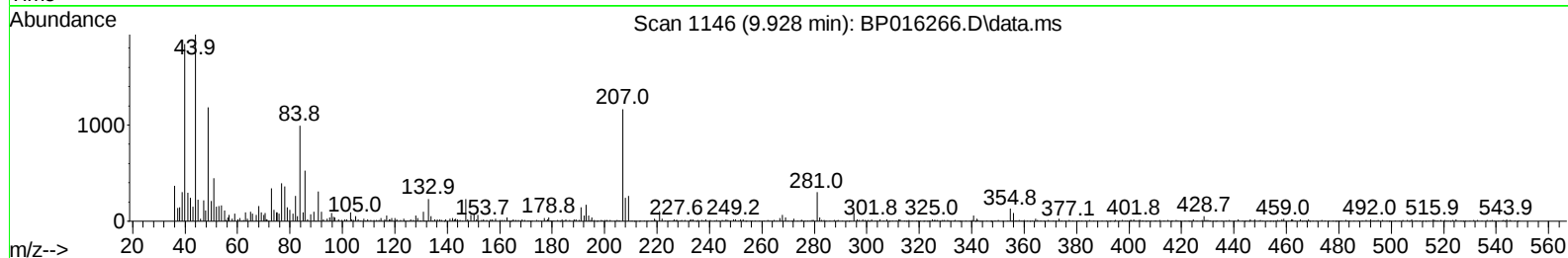
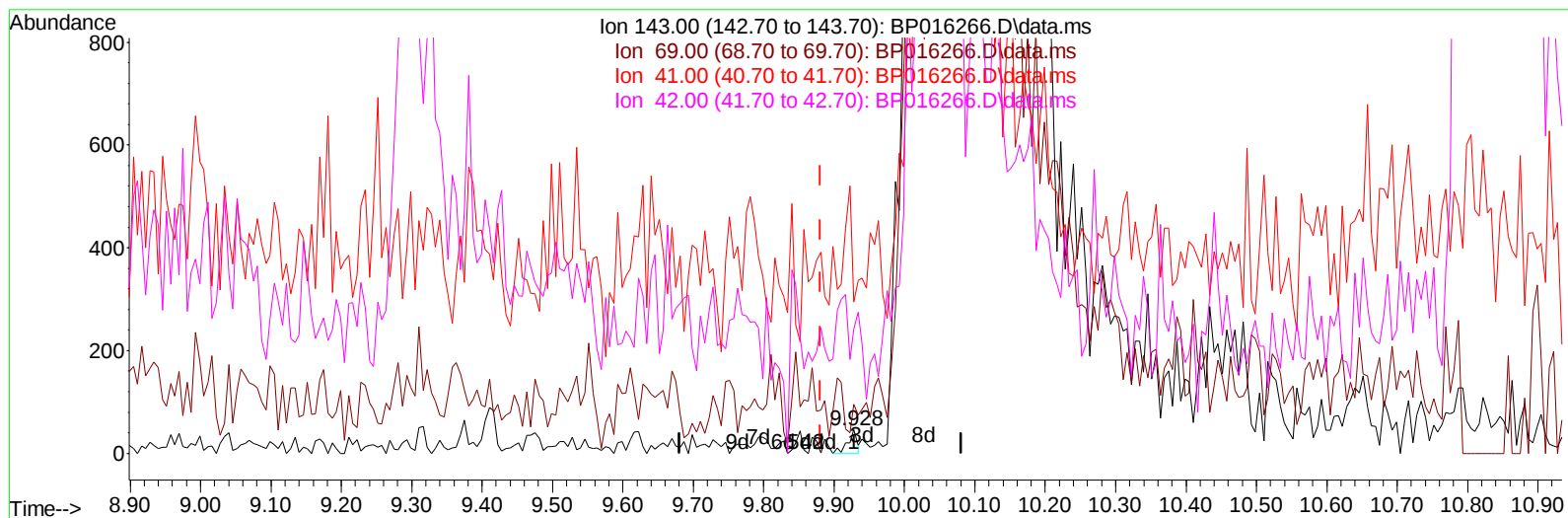
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP016266.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.928min (+ 0.047) 0.01 ng/u1

response 41

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	206.52#
41.00	28.60	639.13#
42.00	29.20	526.09#

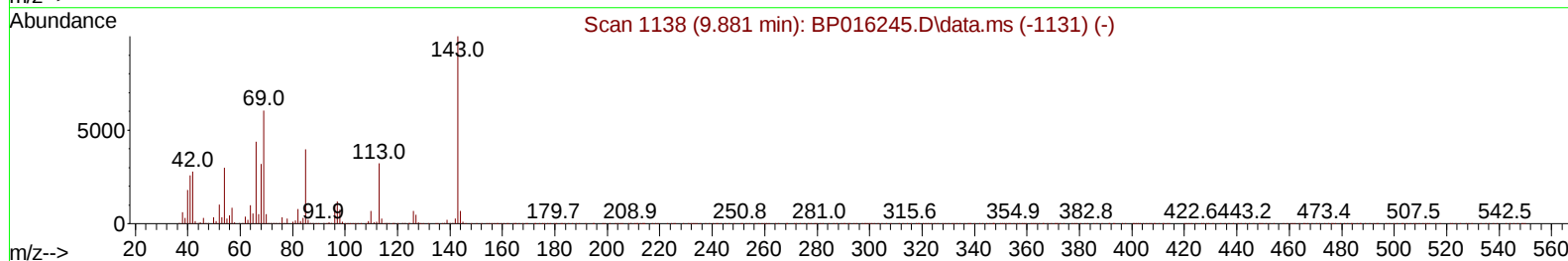
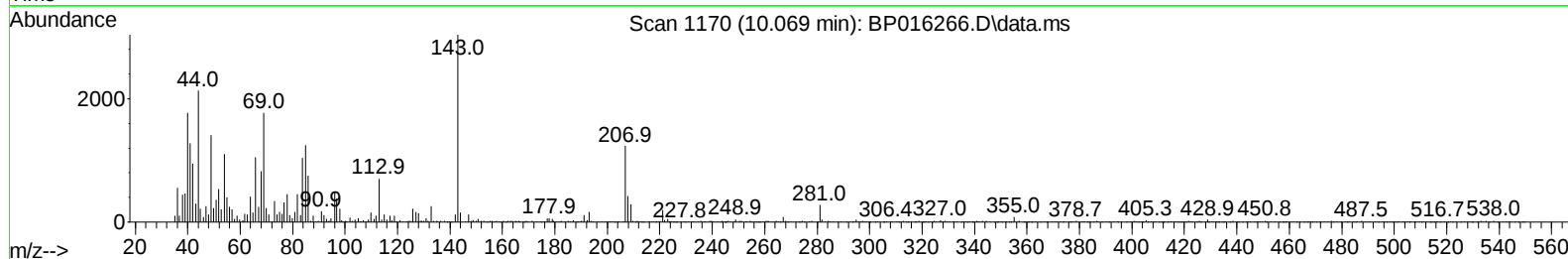
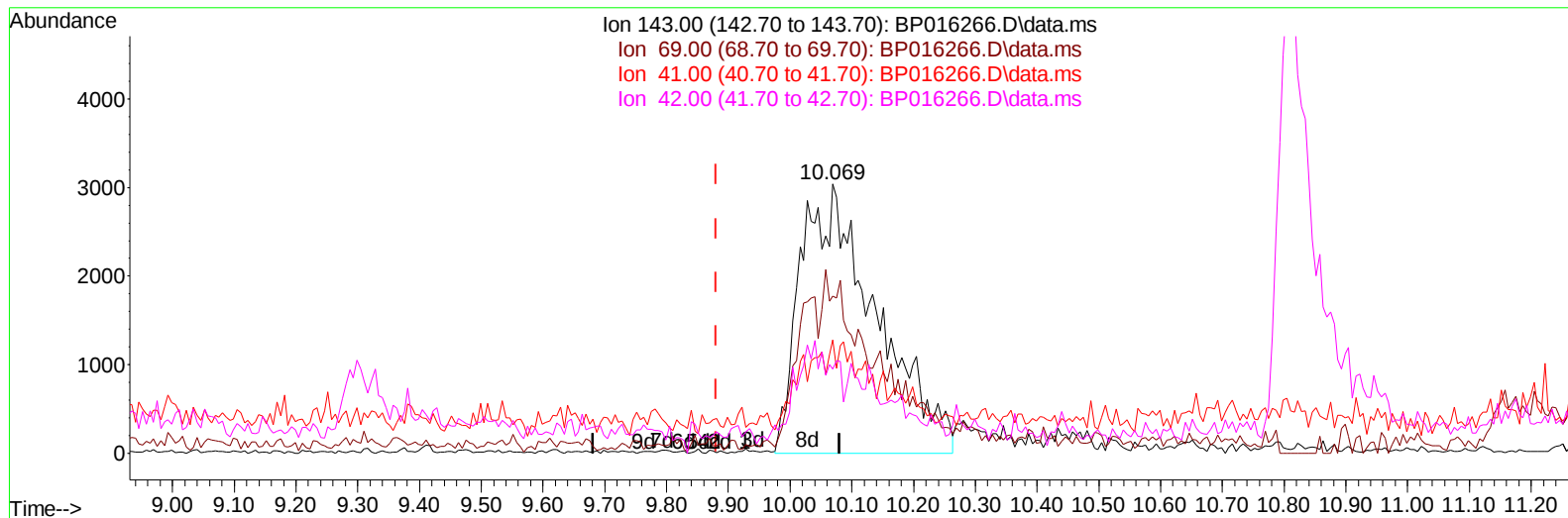
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Data File : BP016266.D
Acq On : 17 Jul 2023 22:22
Operator : MA/JU
Sample : 03477-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.069min (+ 0.188) 4.50 ng/ul m

response 25714

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	58.44
41.00	28.60	42.02#
42.00	29.20	31.29

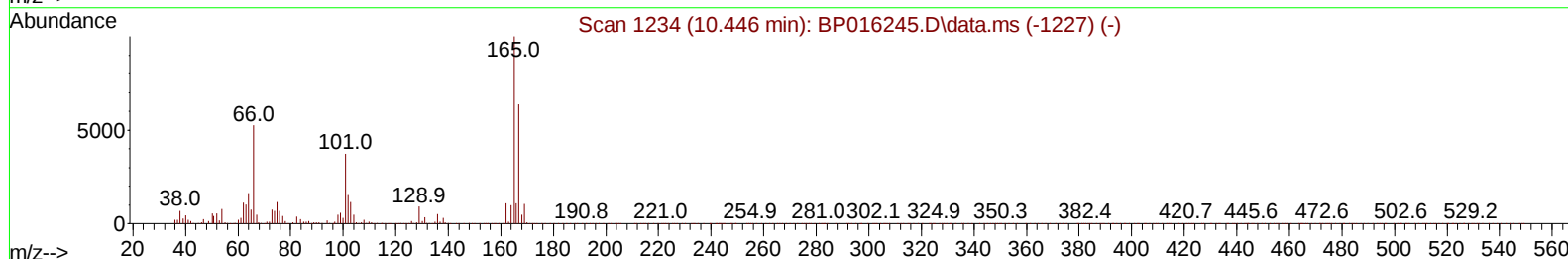
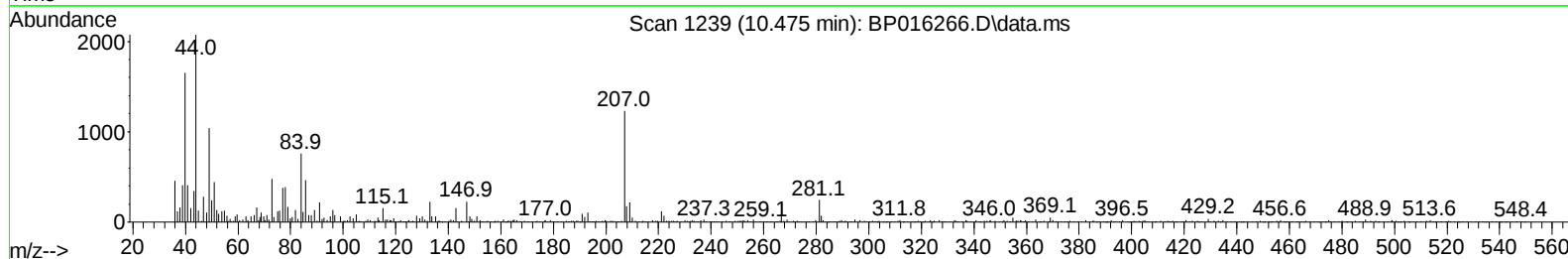
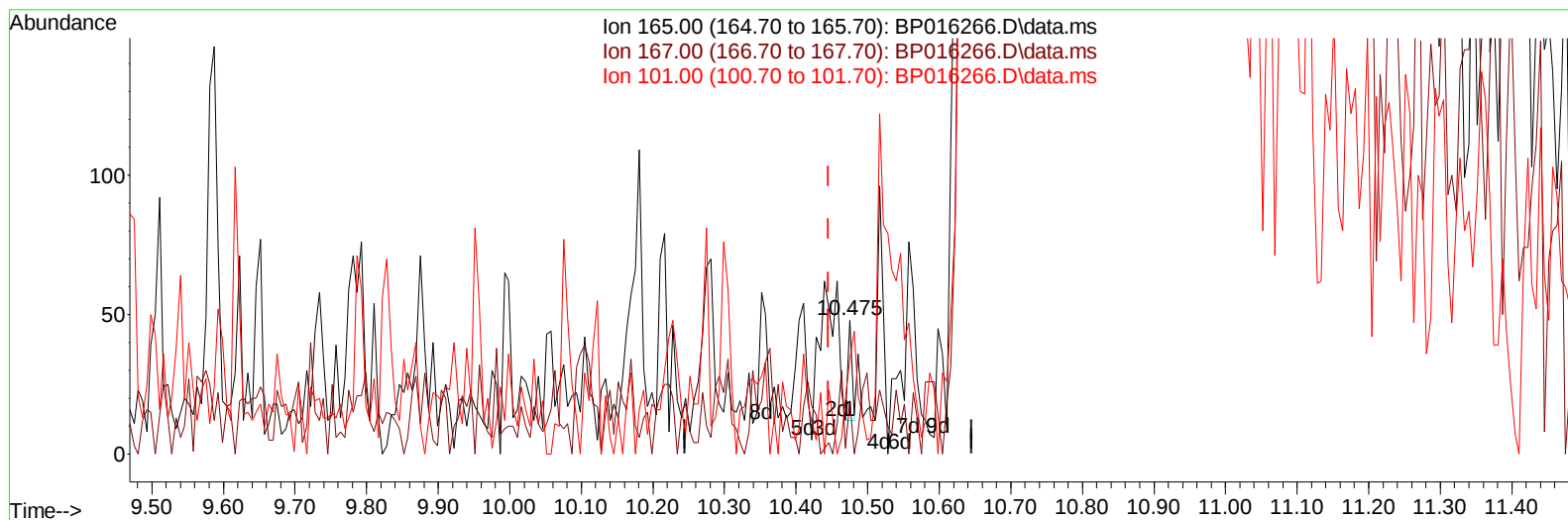
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

10.475min (+ 0.030) 0.00 ng/u1

response 13

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	39.58#
101.00	38.50	70.83#
0.00	0.00	0.00

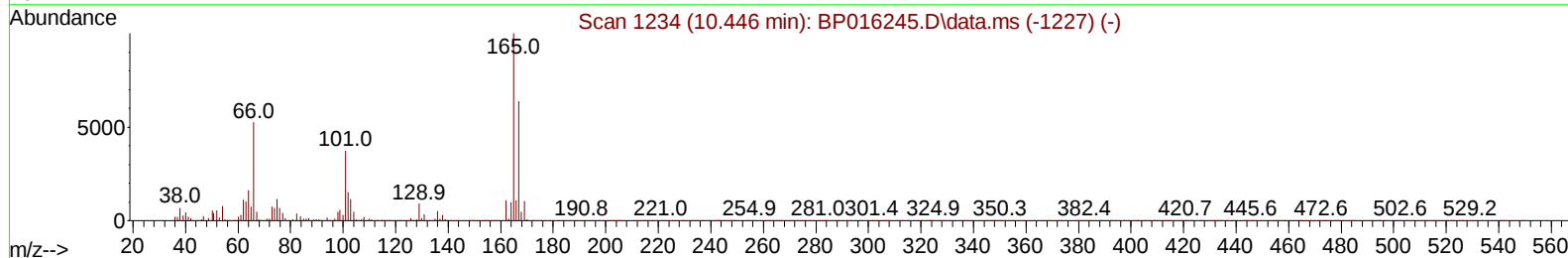
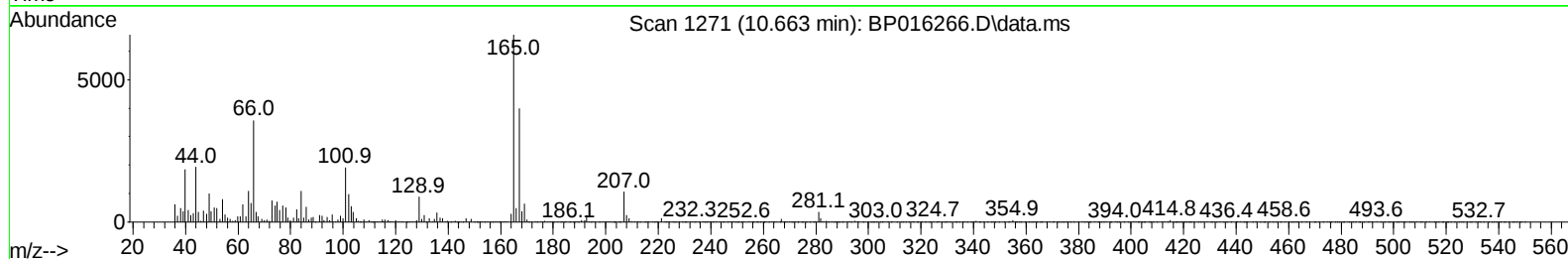
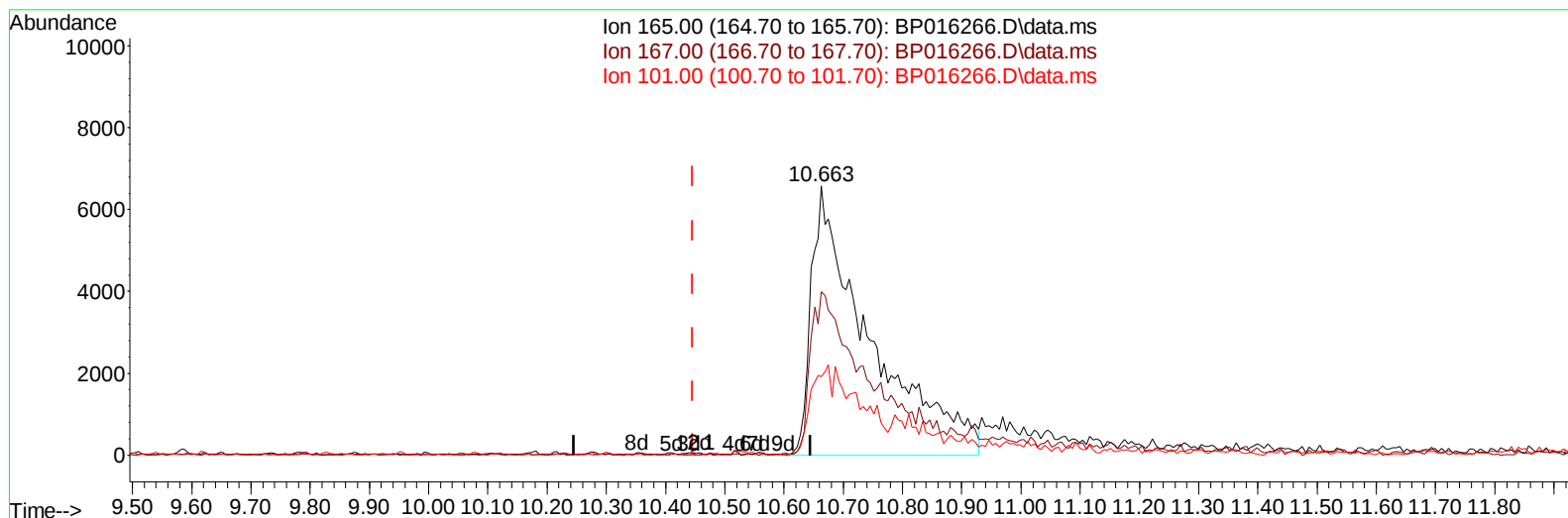
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

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

10.663min (+ 0.218) 4.53 ng/ul m

response 44871

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	60.61
101.00	38.50	29.10#
0.00	0.00	0.00

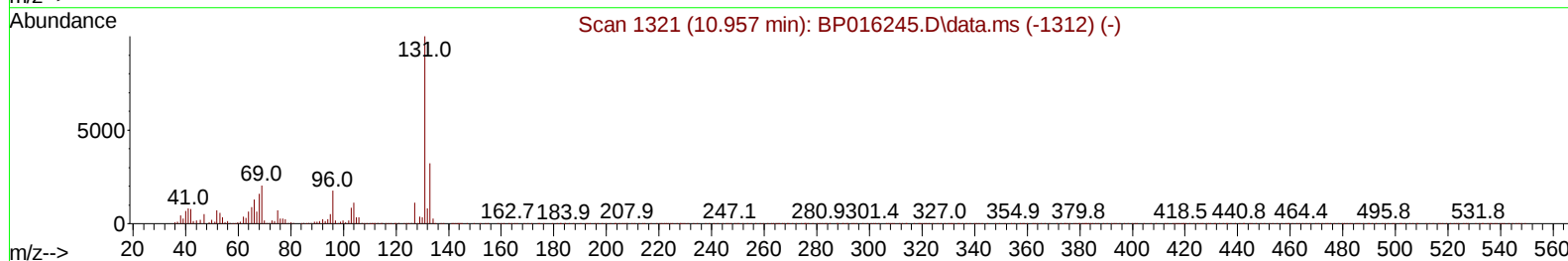
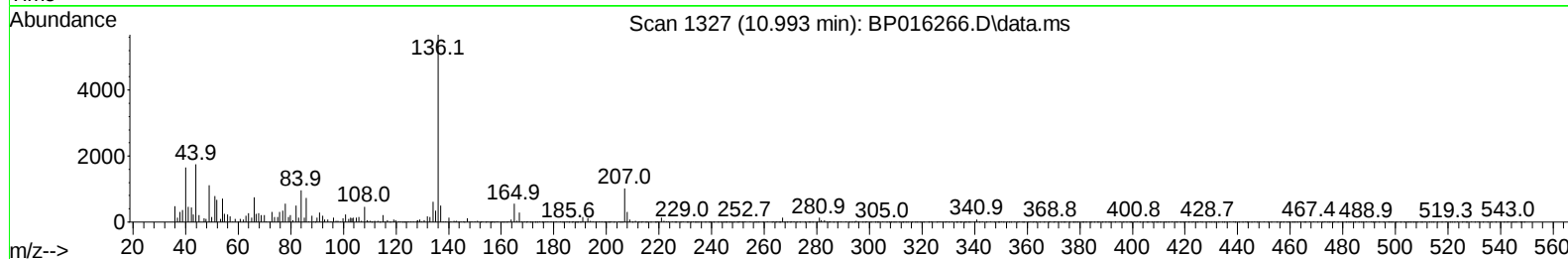
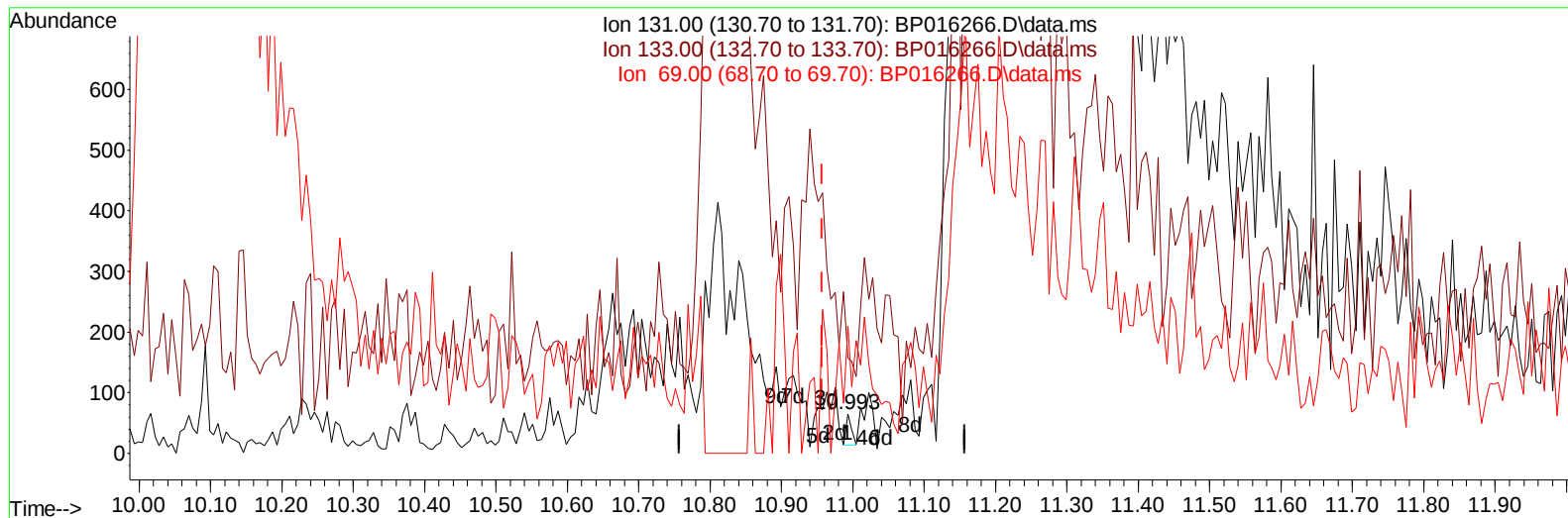
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016266.D
Acq On : 17 Jul 2023 22:22
Operator : MA/JU
Sample : 03477-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:31:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.993min (+ 0.035) 0.00 ng/ul

response 27

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	241.54#
69.00	21.00	323.08#
0.00	0.00	0.00

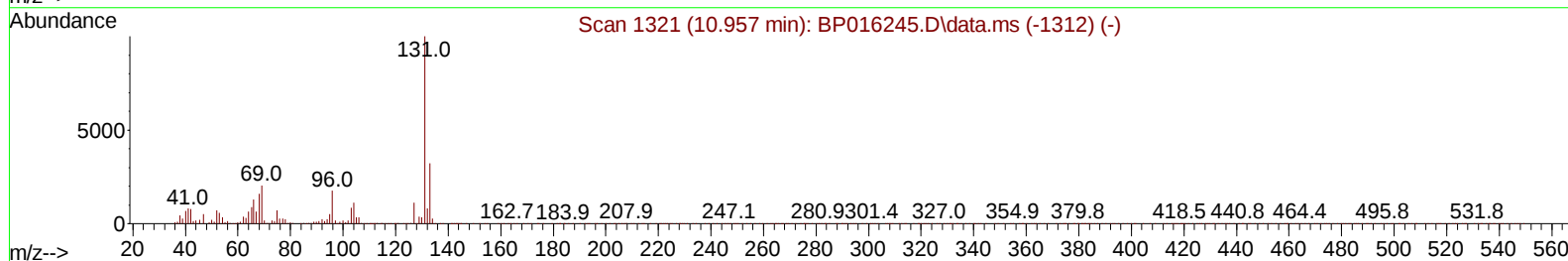
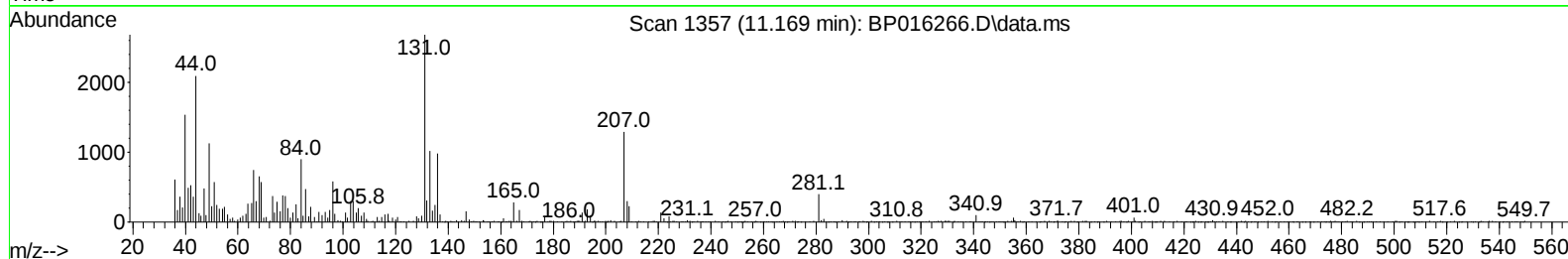
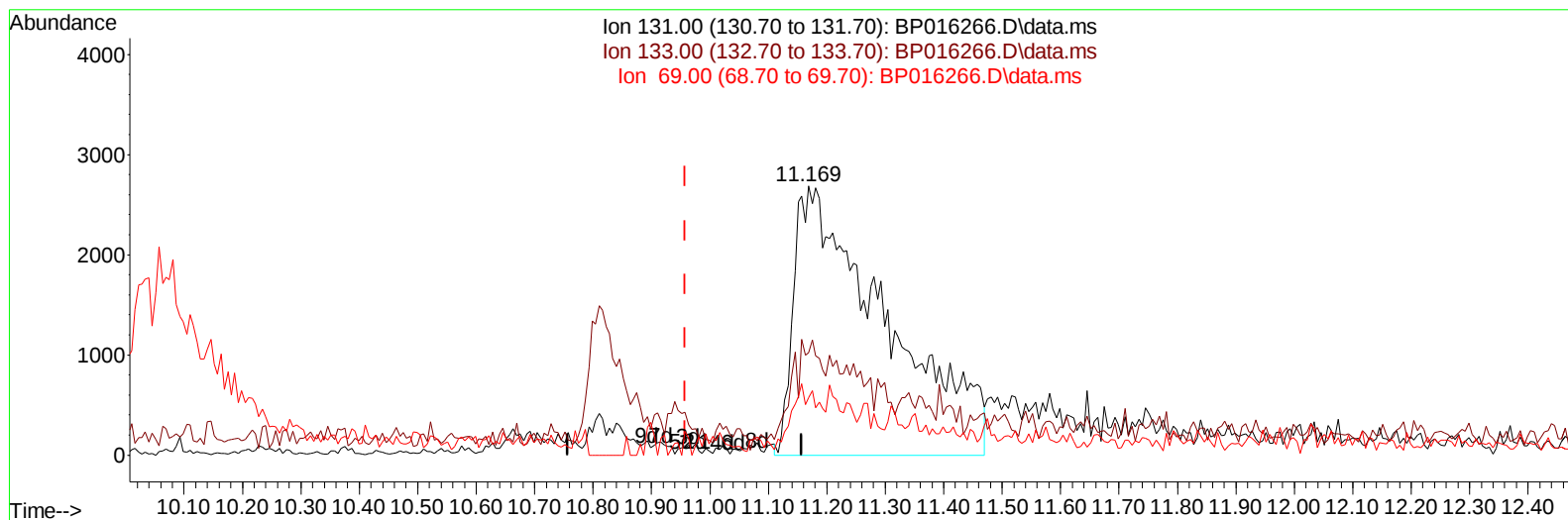
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 00:31:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016266.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.169min (+ 0.212) 1.83 ng/ul m

response 29091

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	37.99#
69.00	21.00	21.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016266.D
 Acq On : 17 Jul 2023 22:22
 Operator : MA/JU
 Sample : 03477-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA48DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023

Quant Time: Jul 18 00:34:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	144196m	20.000	ng/ul	0.03
20) Naphthalene-d8	10.804	136	727088	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.622	164	491252	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.392	188	1097412	20.000	ng/ul	0.02
79) Chrysene-d12	21.480	240	1125672	20.000	ng/ul	0.01
88) Perylene-d12	23.974	264	1160852	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	4232	1.039	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.375	67	36672m	4.164	ng/ul	0.08
11) 2-Chlorophenol-d4	7.634	132	32819m	3.491	ng/ul	0.14
15) 4-Methylphenol-d8	8.952	113	22198m	2.116	ng/ul	0.25
21) Nitrobenzene-d5	9.305	128	24078m	4.800	ng/ul	0.15
24) 2-Nitrophenol-d4	10.069	143	25714m	4.498	ng/ul	0.19
28) 2,4-Dichlorophenol-d3	10.663	165	44871m	4.532	ng/ul	0.22
31) 4-Chloroaniline-d4	11.169	131	29091m	1.833	ng/ul	0.21
46) Dimethylphthalate-d6	14.075	166	225847	6.027	ng/ul	0.05
49) Acenaphthylene-d8	14.328	160	212456	5.173	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.657	176	205420	6.550	ng/ul	0.05
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.522	188	318509	6.635	ng/ul	0.04
81) Pyrene-d10	19.733	212	447065	7.654	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.816	264	342605	6.146	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	75392	16.867	ng/uL	96

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

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Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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