

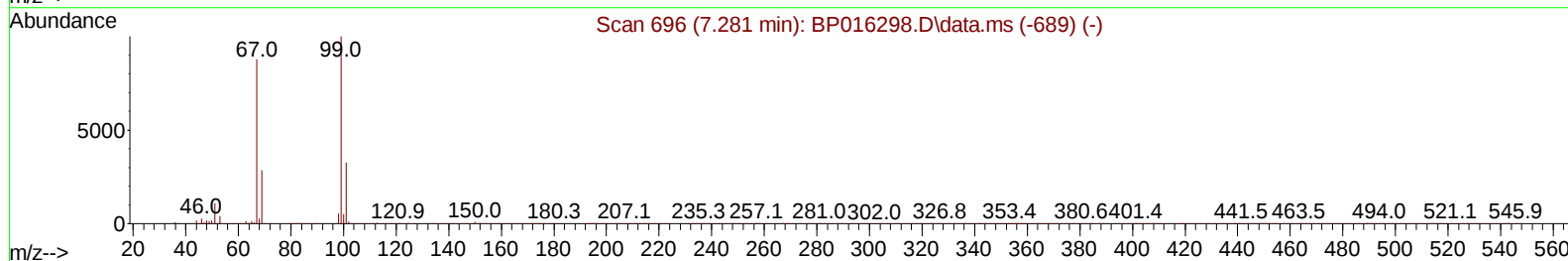
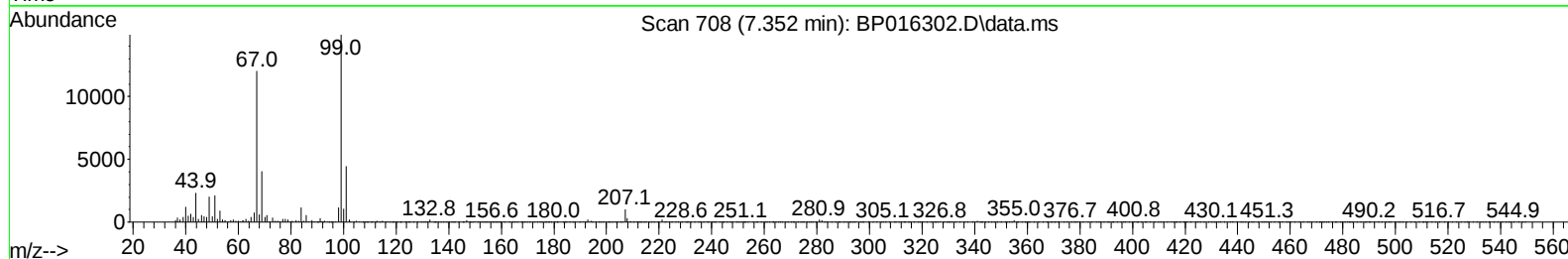
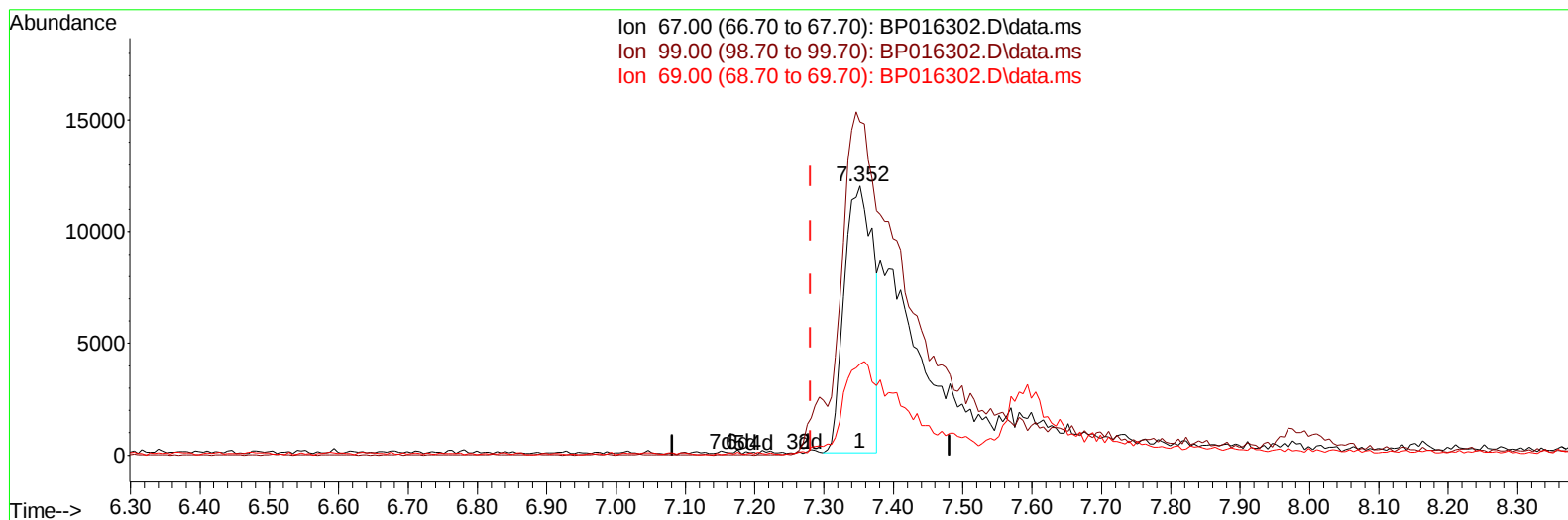
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

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

7.352min (+ 0.071) 2.75 ng/u1

response 34255

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	123.96
69.00	33.10	33.82
0.00	0.00	0.00

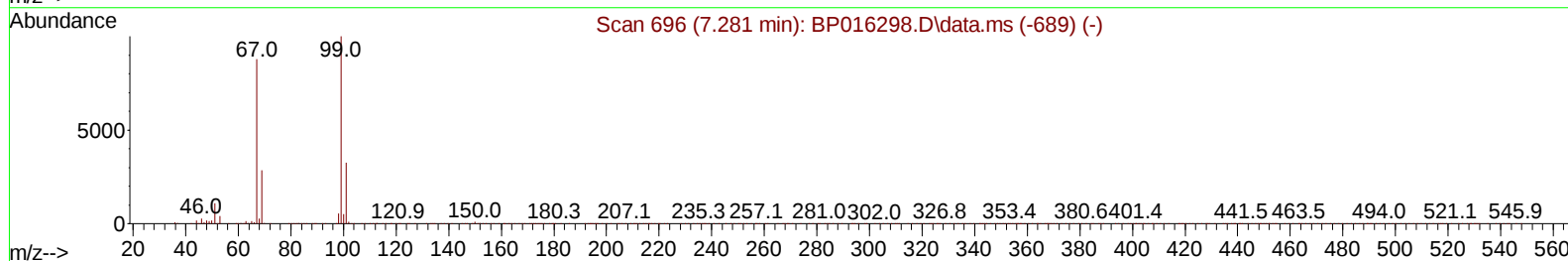
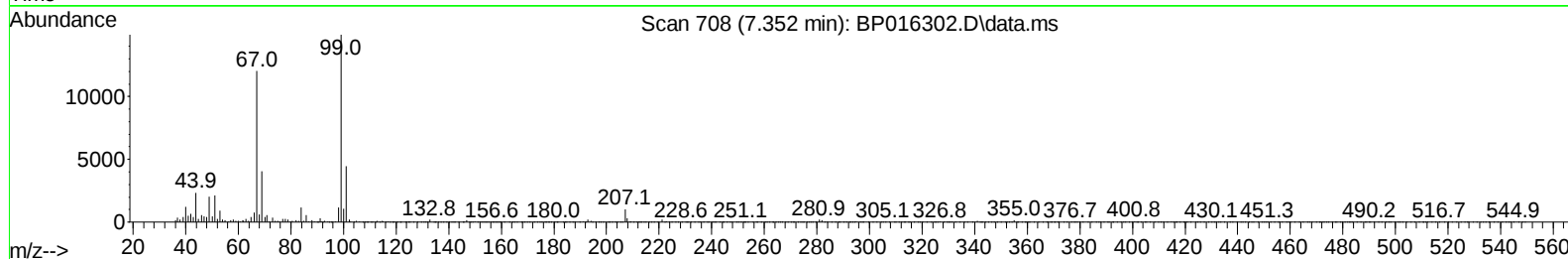
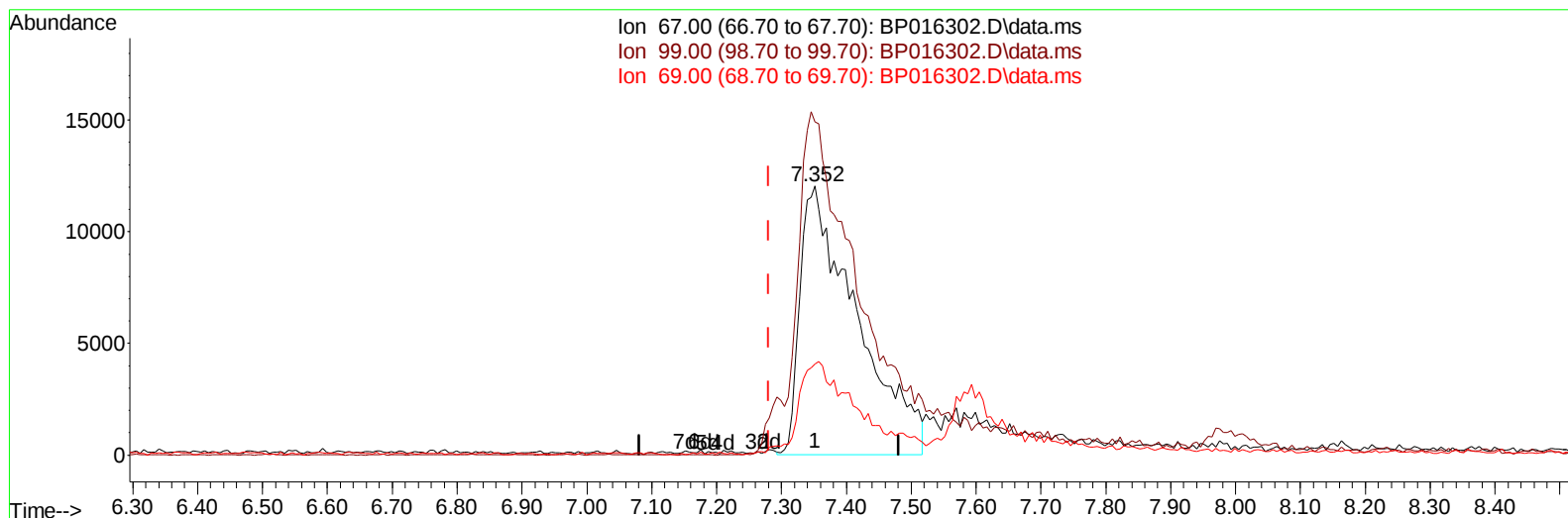
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

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

7.352min (+ 0.071) 5.84 ng/ul m

response 72817

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	123.96
69.00	33.10	33.82
0.00	0.00	0.00

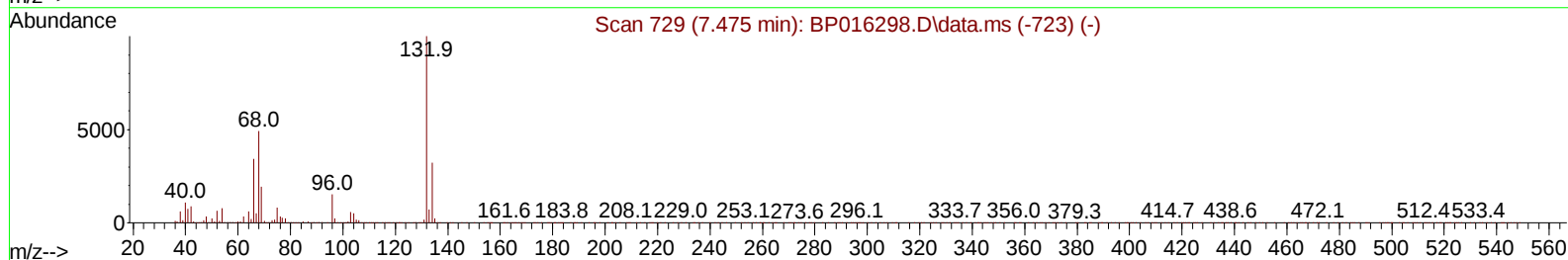
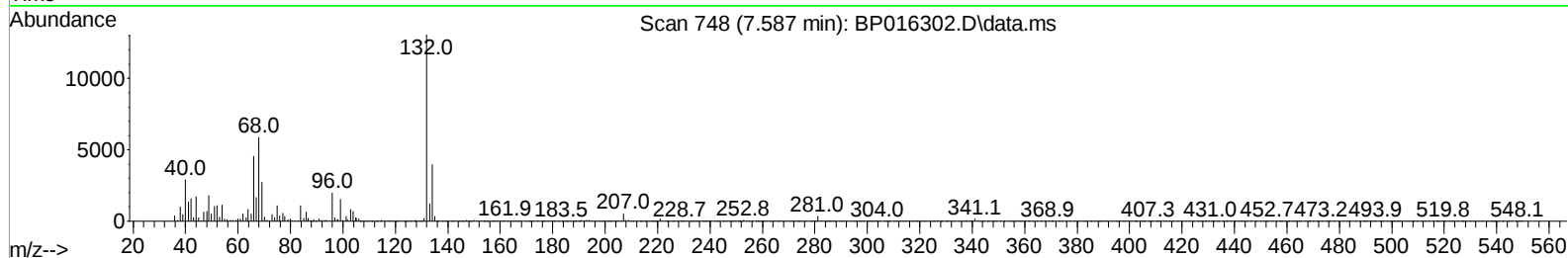
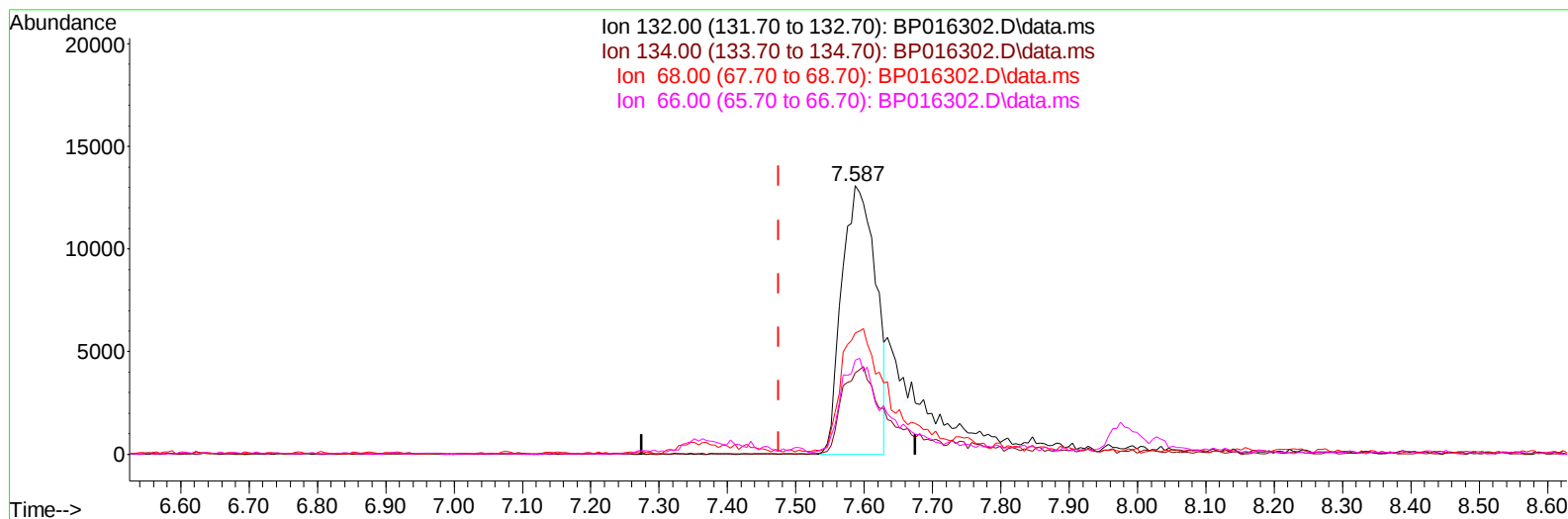
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016302.D
Acq On : 18 Jul 2023 20:22
Operator : MA/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HOA44DL

Manual IntegrationsAPPROVED

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TIC: BP016302.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.587min (+ 0.112) 3.36 ng/u1

response 44690

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	30.43
68.00	47.30	45.05
66.00	33.60	35.03

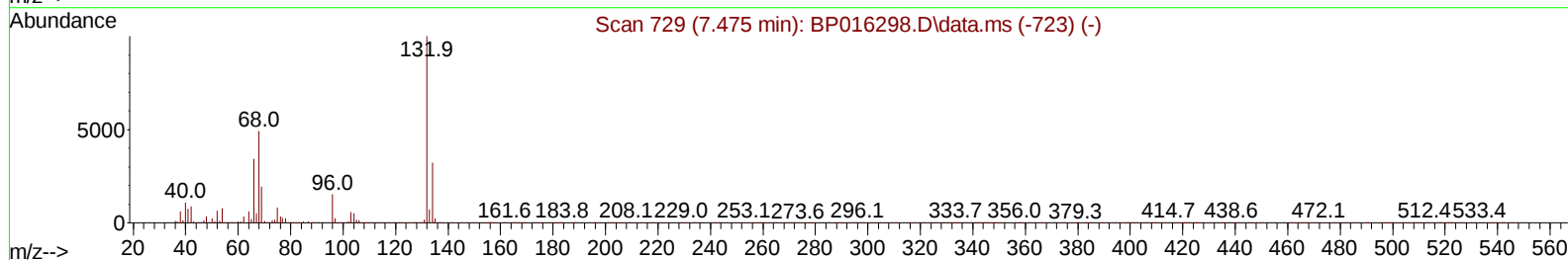
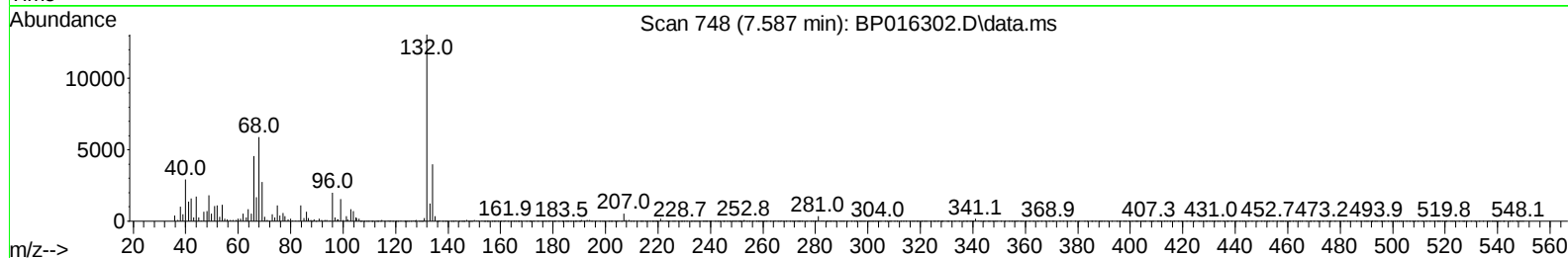
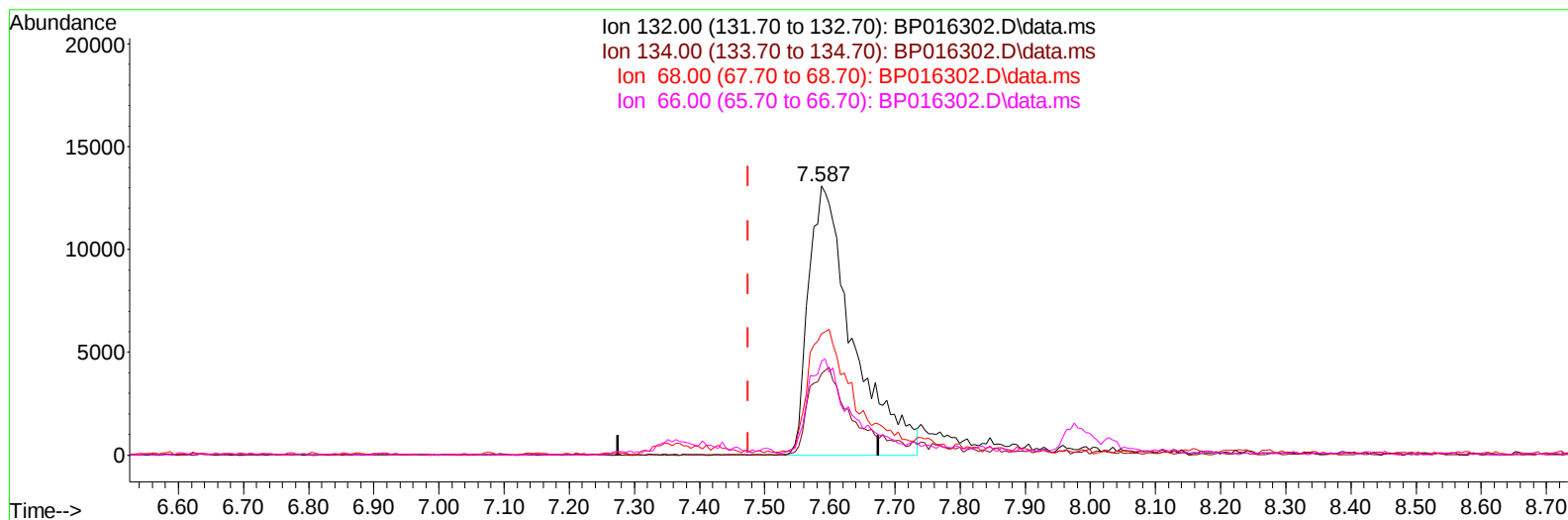
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.587min (+ 0.112) 4.67 ng/ul m

response 62128

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	30.43
68.00	47.30	45.05
66.00	33.60	35.03

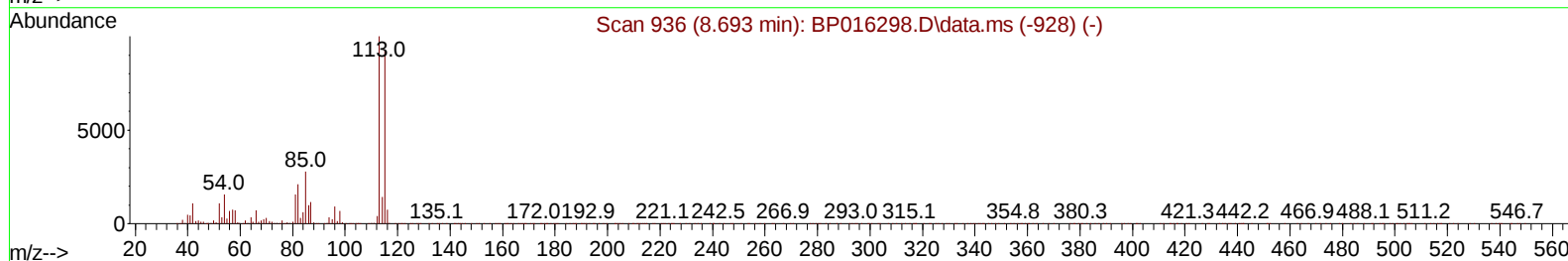
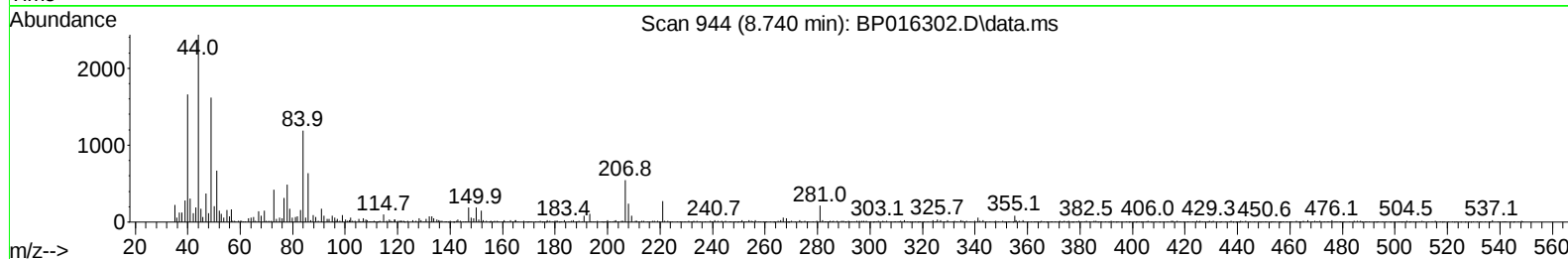
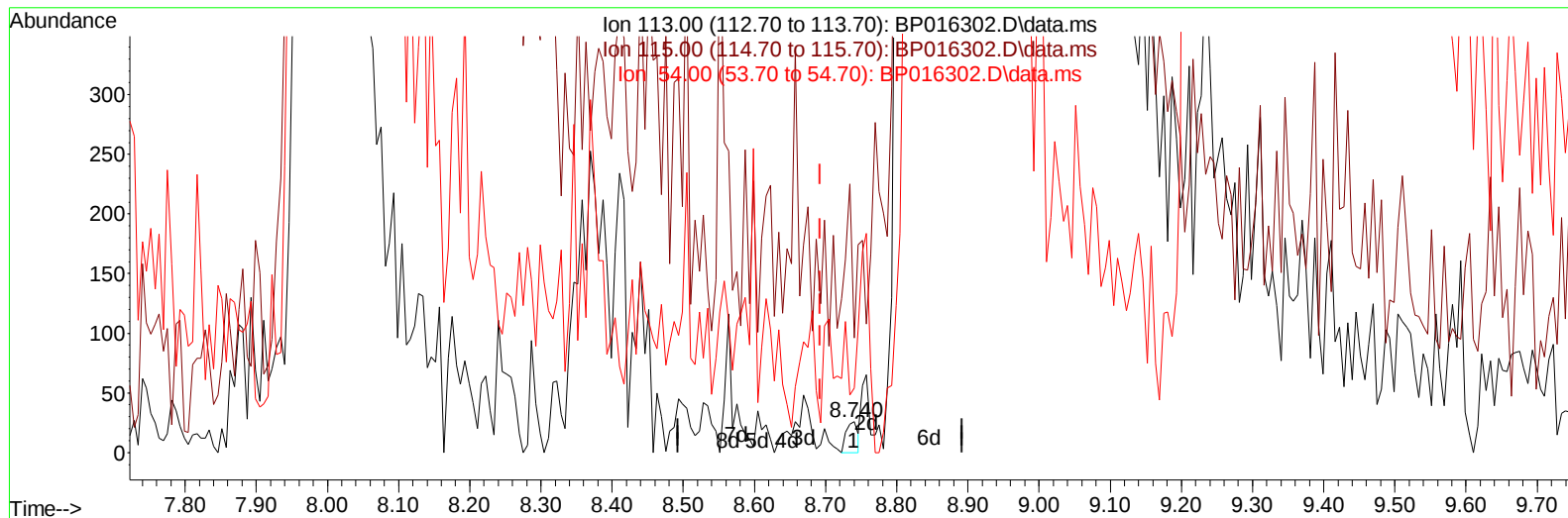
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Data File : BP016302.D
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Operator : MA/JU
Sample : 03477-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA44DL

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TIC: BP016302.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.740min (+ 0.047) 0.00 ng/u1

response 29

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	369.23#
54.00	16.30	207.69#
0.00	0.00	0.00

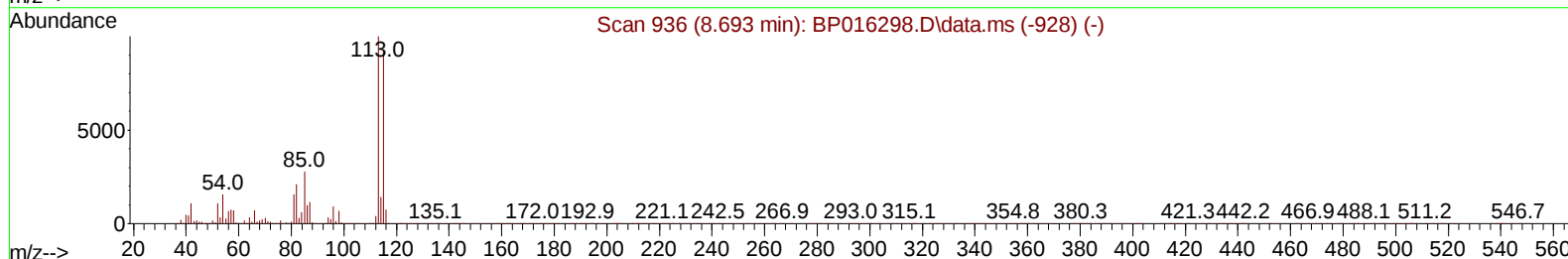
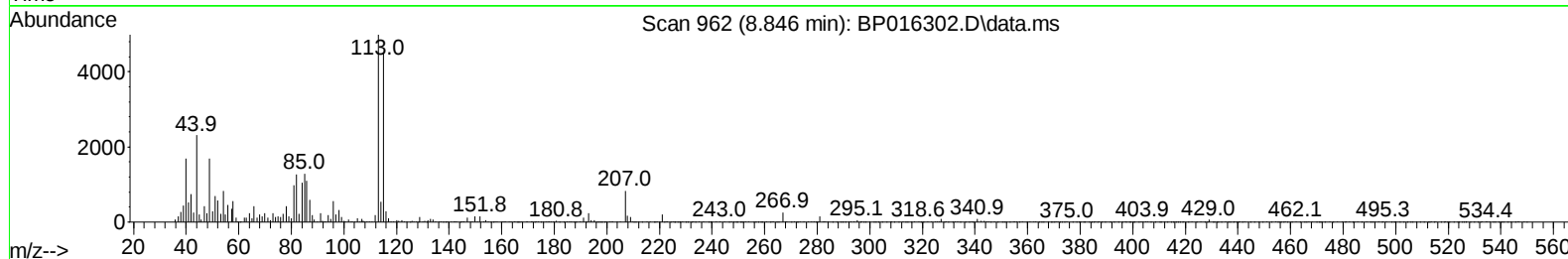
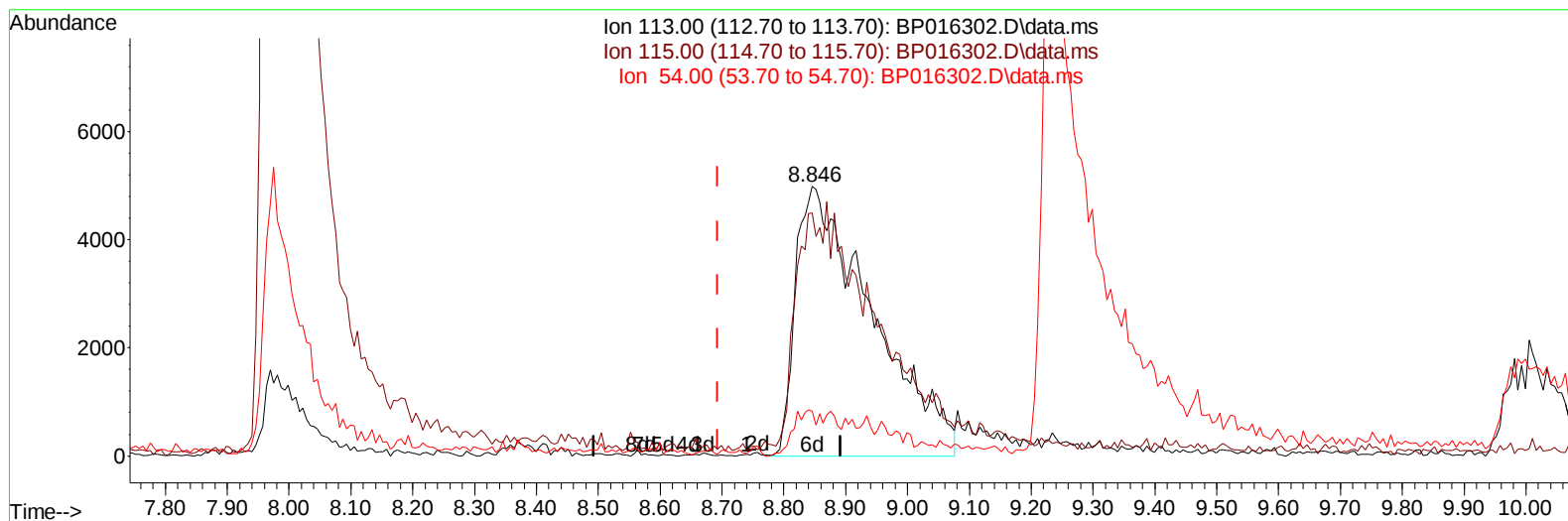
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 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016302.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.846min (+ 0.153) 2.88 ng/ul m

response 42729

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	90.13
54.00	16.30	16.57
0.00	0.00	0.00

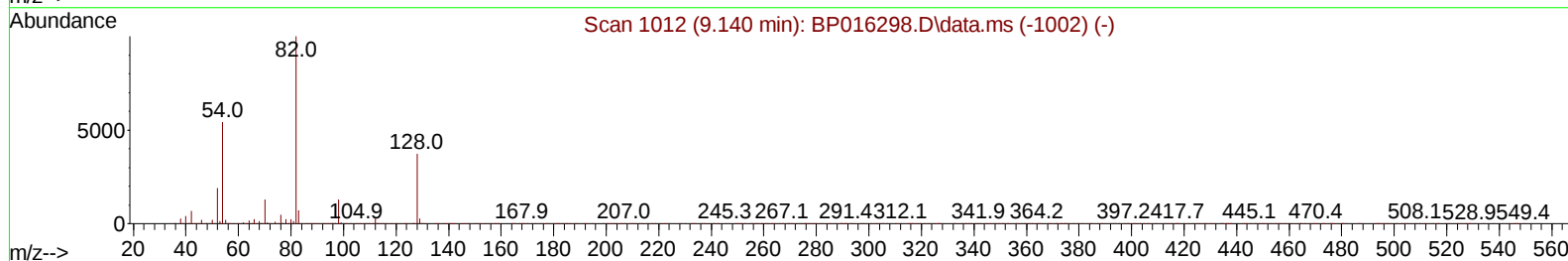
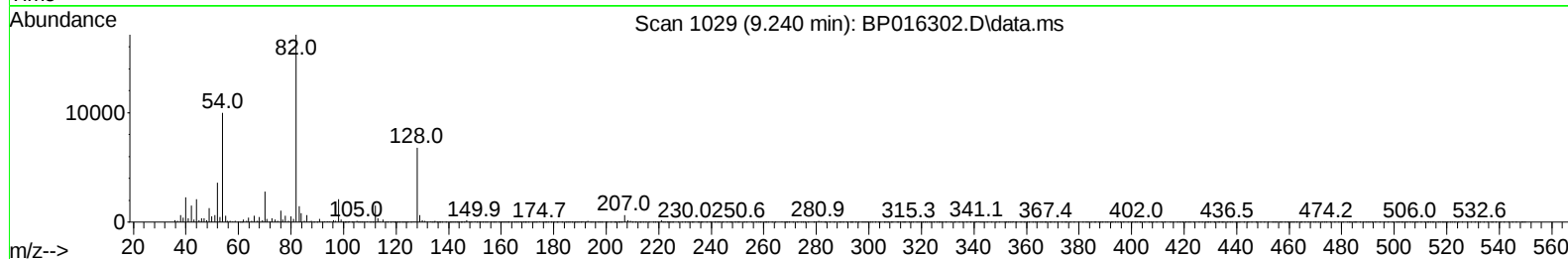
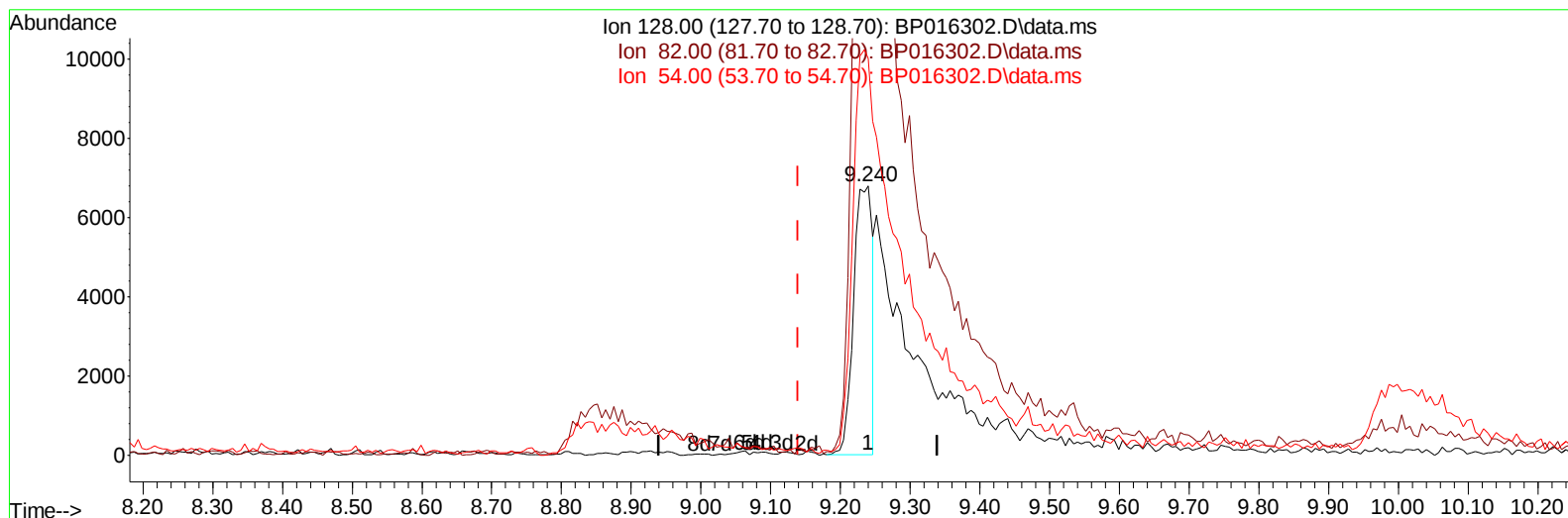
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

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TIC: BP016302.D\data.ms

(21) Nitrobenzene-d5 (S)

9.240min (+ 0.100) 1.97 ng/u1

response 12607

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	252.36
54.00	136.80	147.53
0.00	0.00	0.00

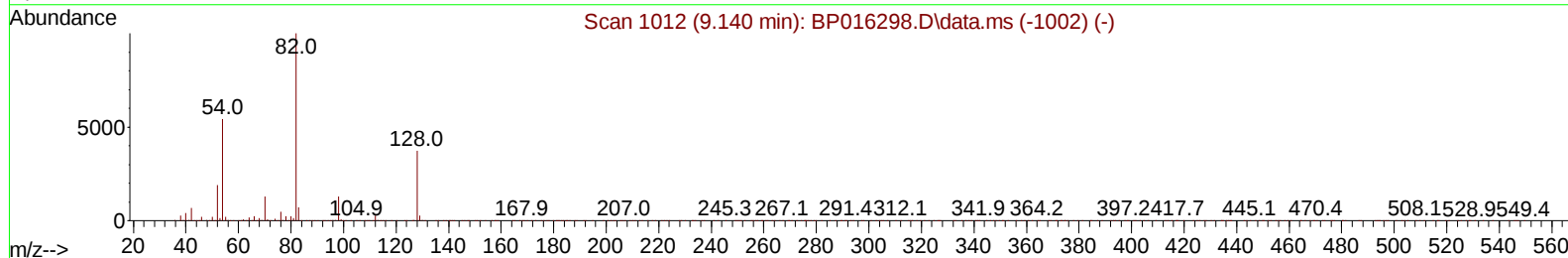
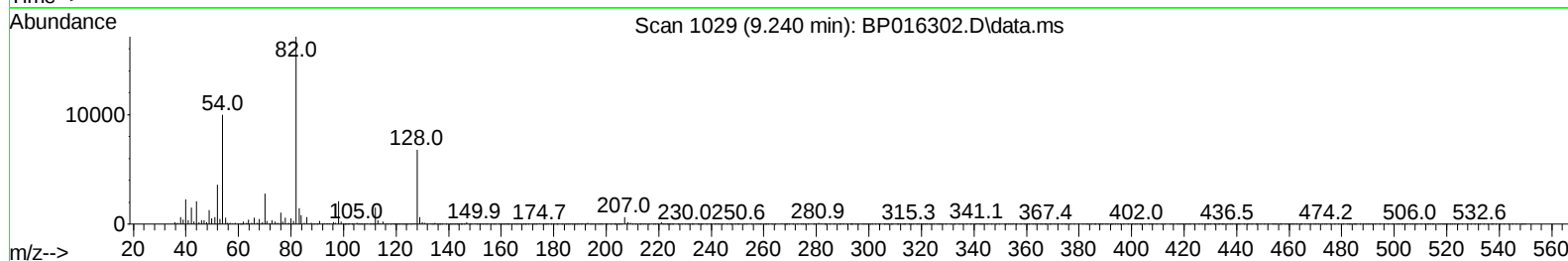
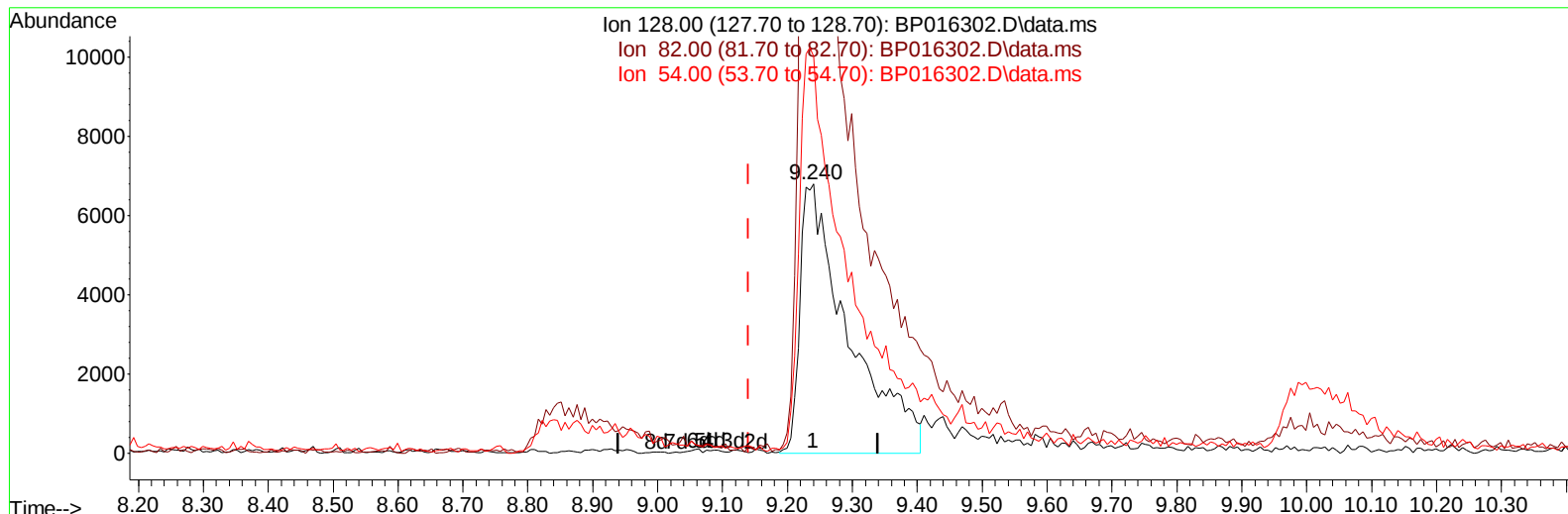
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Data File : BP016302.D
Acq On : 18 Jul 2023 20:22
Operator : MA/JU
Sample : 03477-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA44DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:31 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

(21) Nitrobenzene-d5 (S)

9.240min (+ 0.100) 5.54 ng/u1 m

response 35431

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	252.36
54.00	136.80	147.53
0.00	0.00	0.00

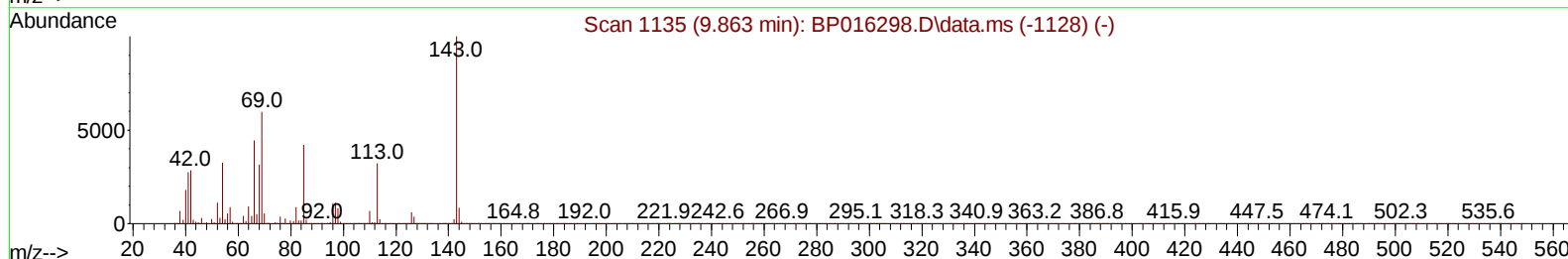
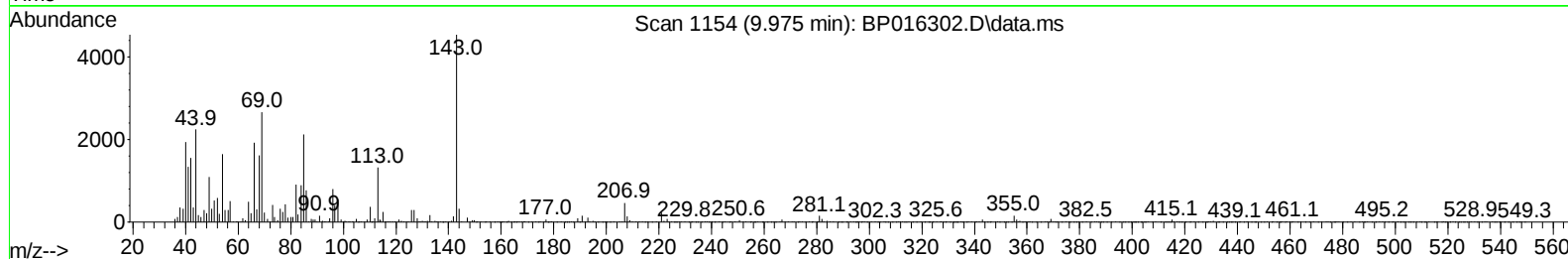
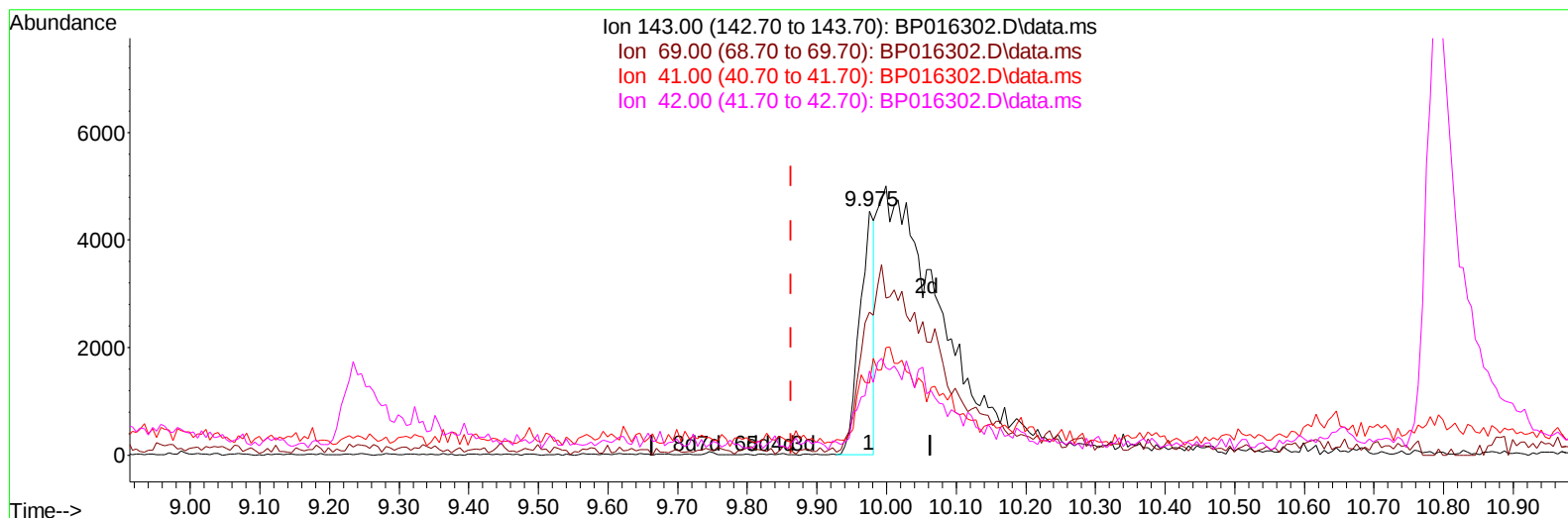
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 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

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TIC: BP016302.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.975min (+ 0.112) 0.92 ng/u1

response 6675

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	58.68
41.00	28.60	29.58
42.00	29.20	34.34

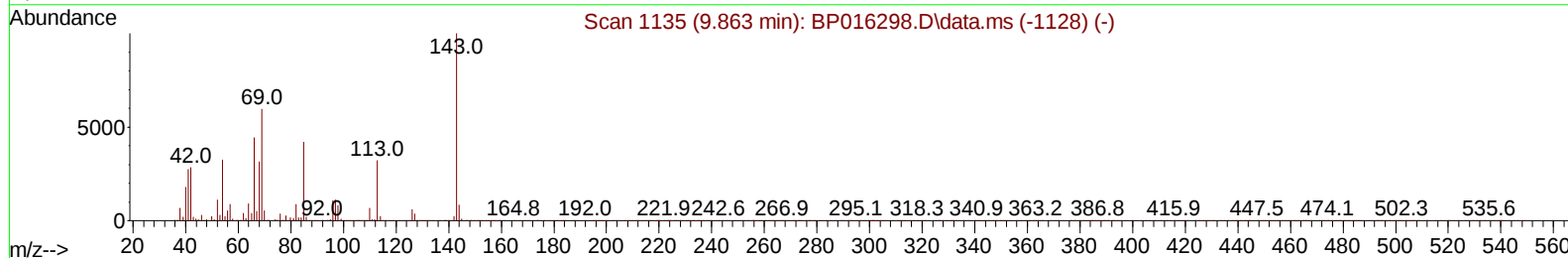
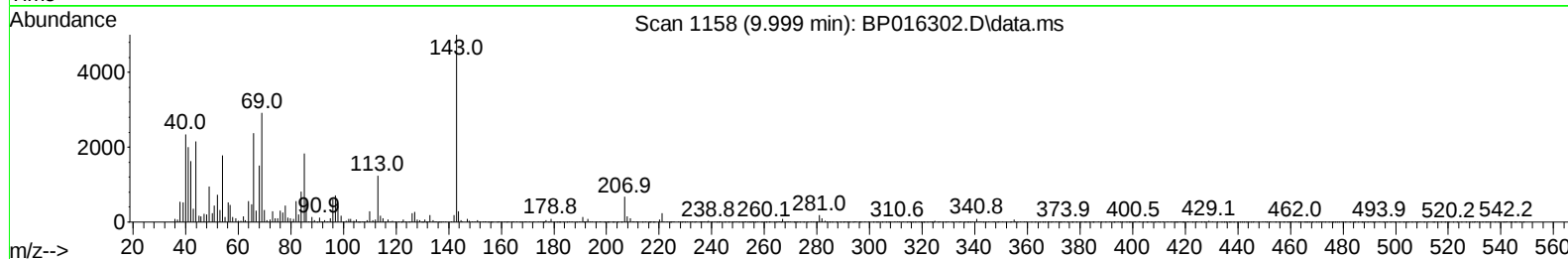
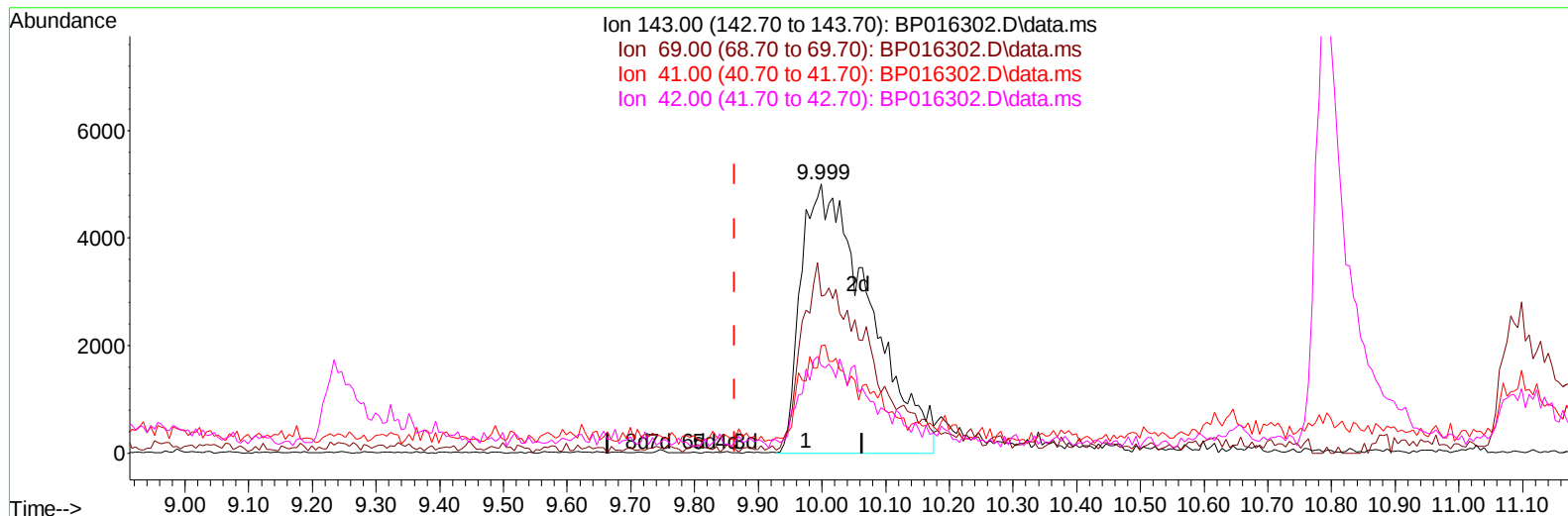
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Acq On : 18 Jul 2023 20:22
Operator : MA/JU
Sample : 03477-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA44DL

Manual IntegrationsAPPROVED

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TIC: BP016302.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.999min (+ 0.136) 5.12 ng/ul m

response 37274

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	58.37
41.00	28.60	40.03#
42.00	29.20	32.41

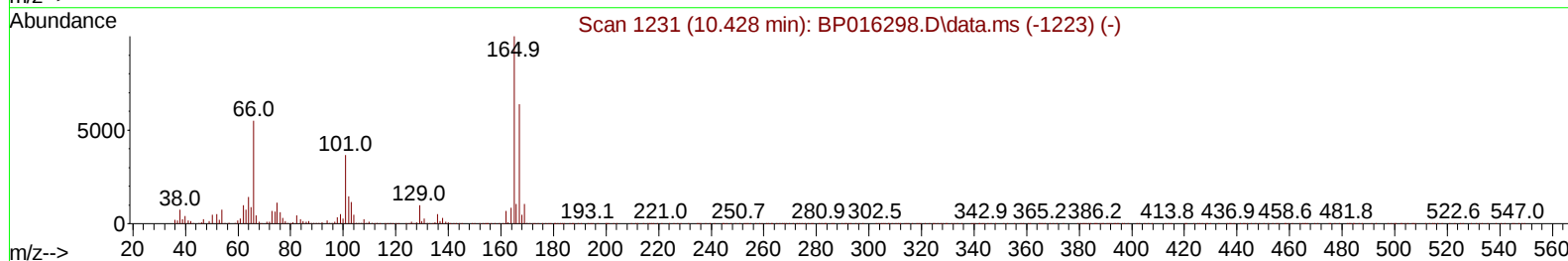
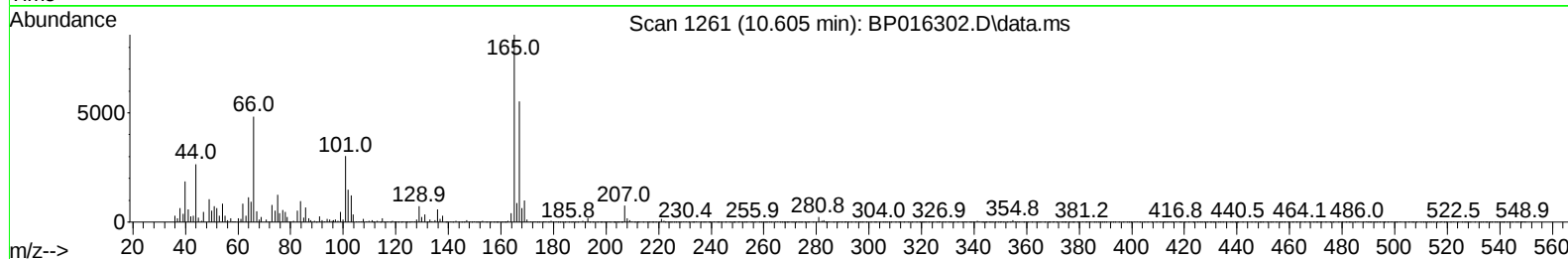
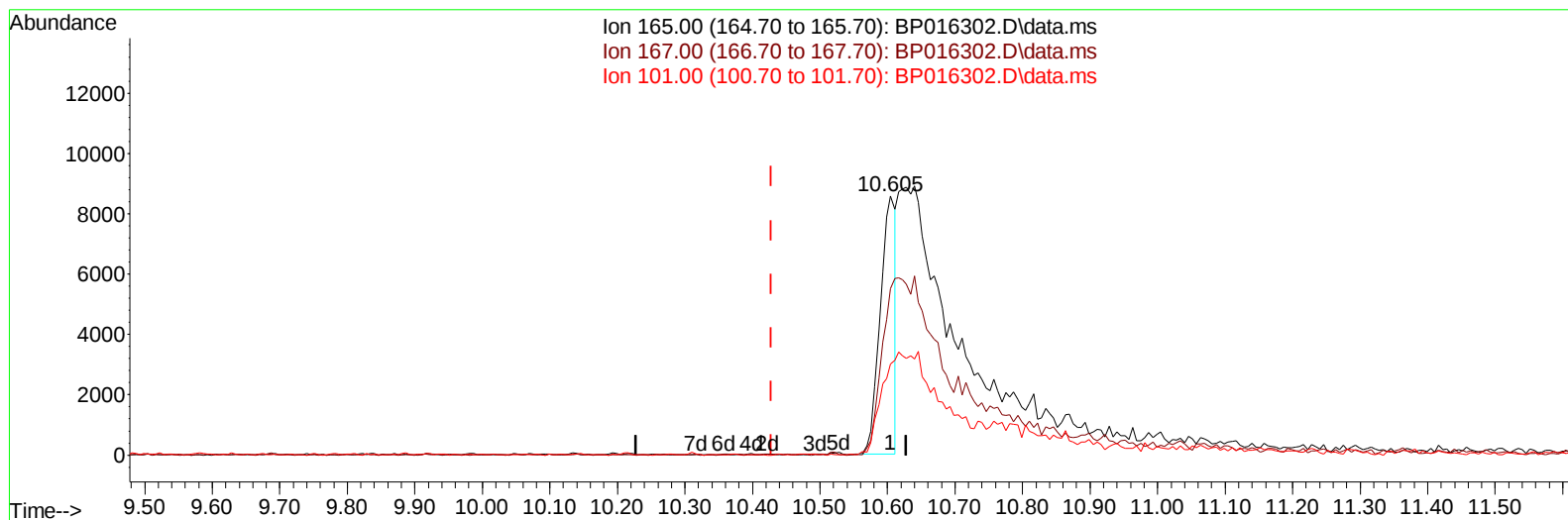
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Instrument :
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 ClientSampleId :
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TIC: BP016302.D\data.ms

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

10.605min (+ 0.177) 1.06 ng/ul

response 13414

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	64.27
101.00	38.50	35.15
0.00	0.00	0.00

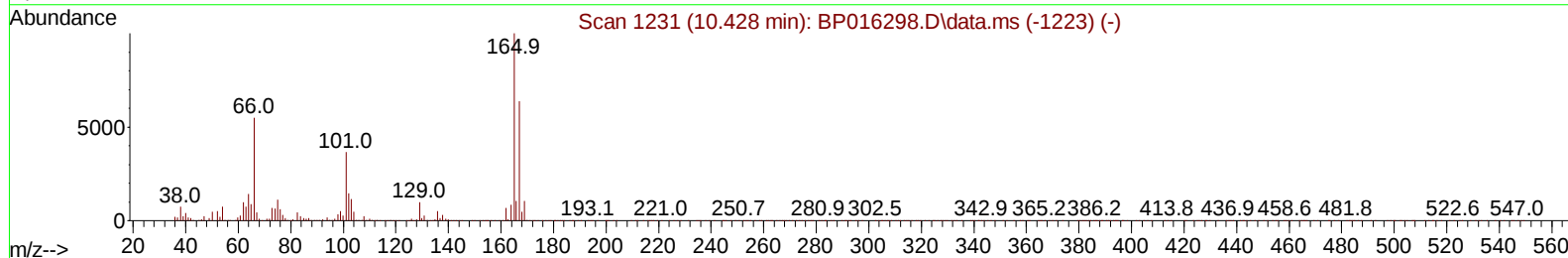
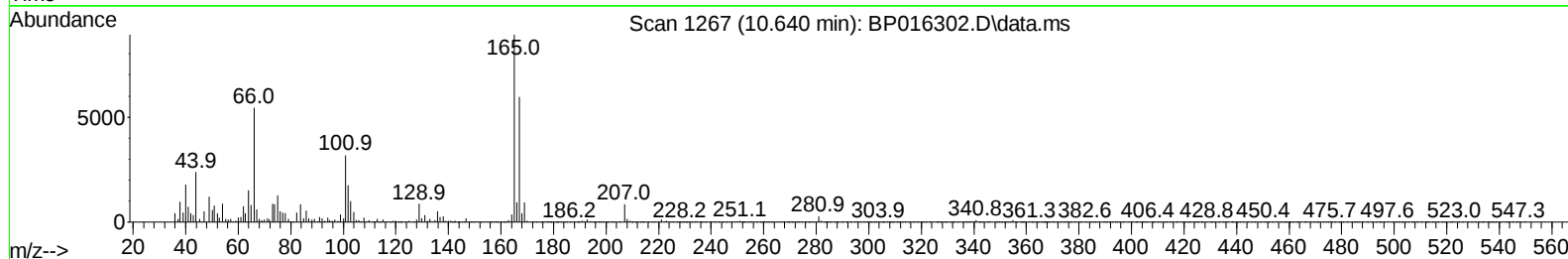
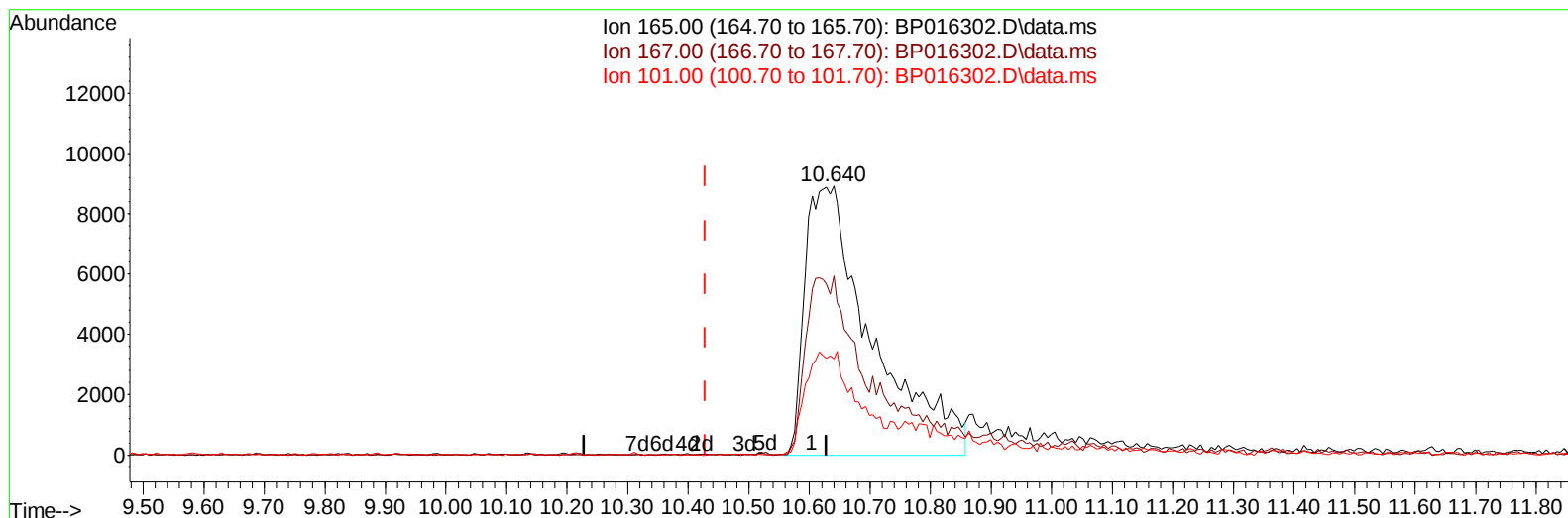
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 Operator : MA/JU
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

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

10.640min (+ 0.212) 5.43 ng/ul m

response 68566

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	66.68
101.00	38.50	35.77
0.00	0.00	0.00

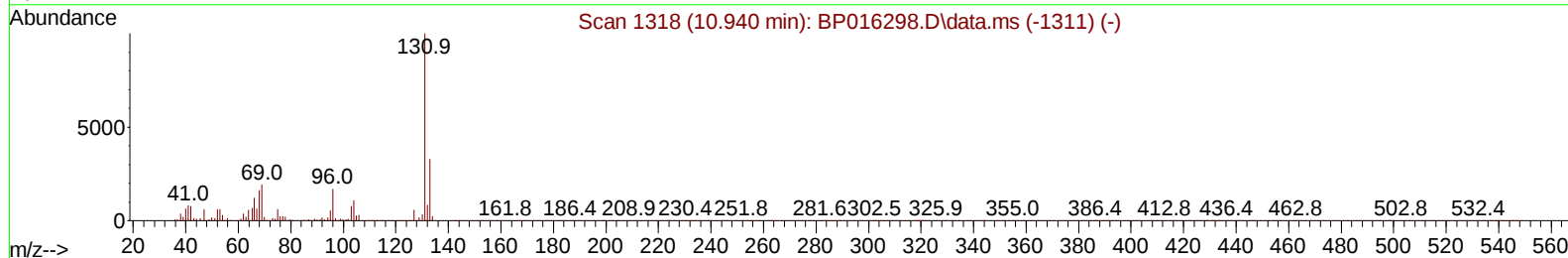
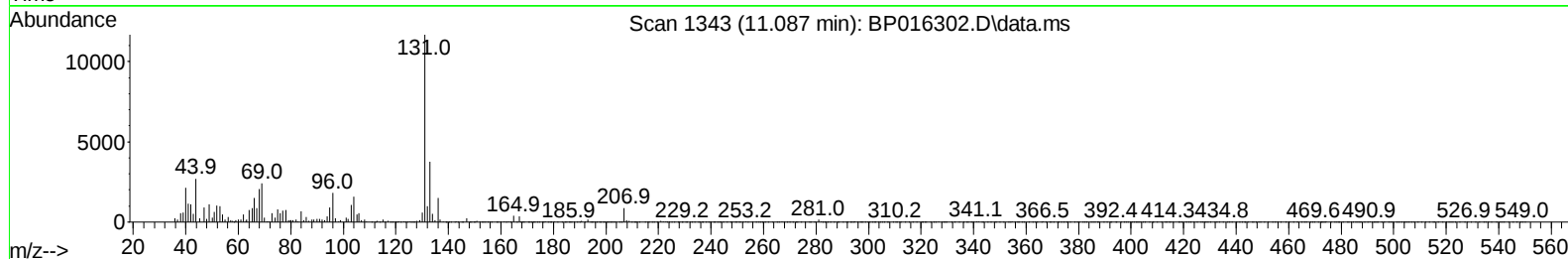
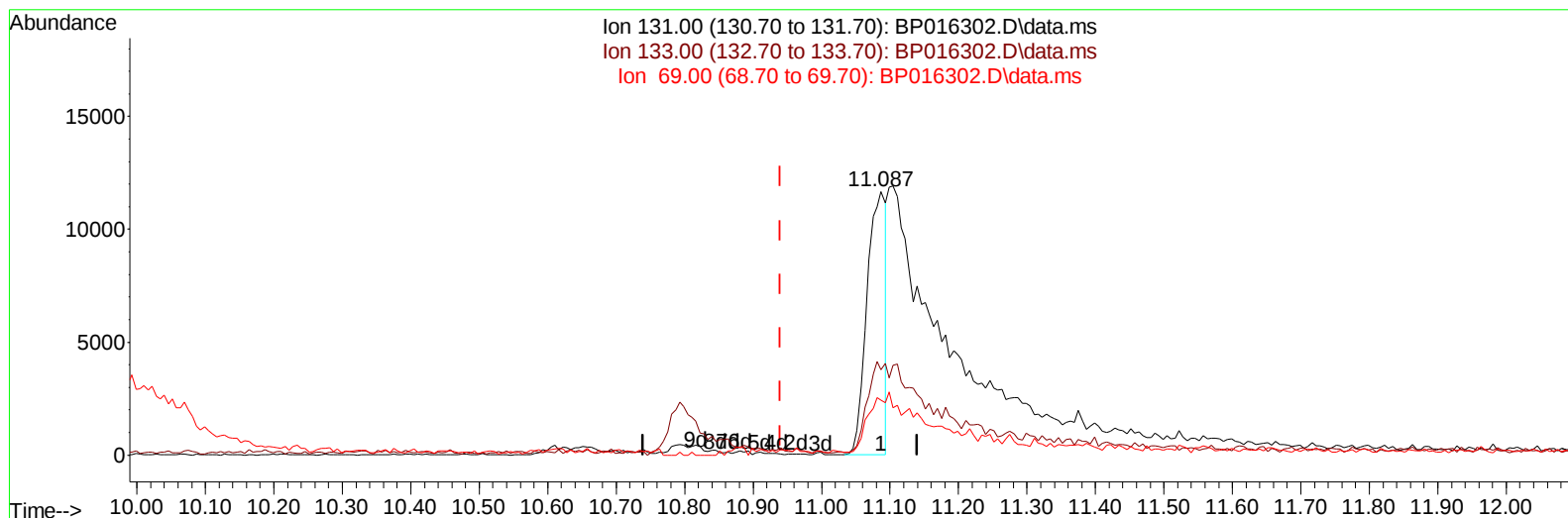
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
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 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.087min (+ 0.147) 1.10 ng/u1

response 22221

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	32.26
69.00	21.00	20.82
0.00	0.00	0.00

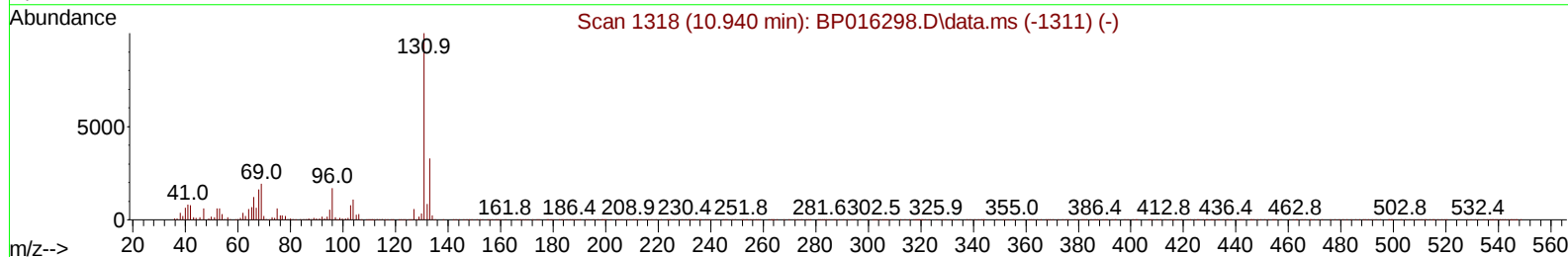
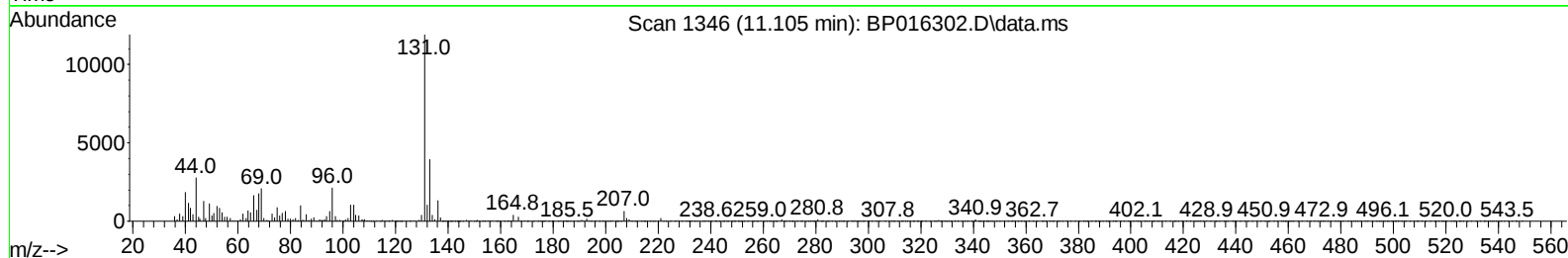
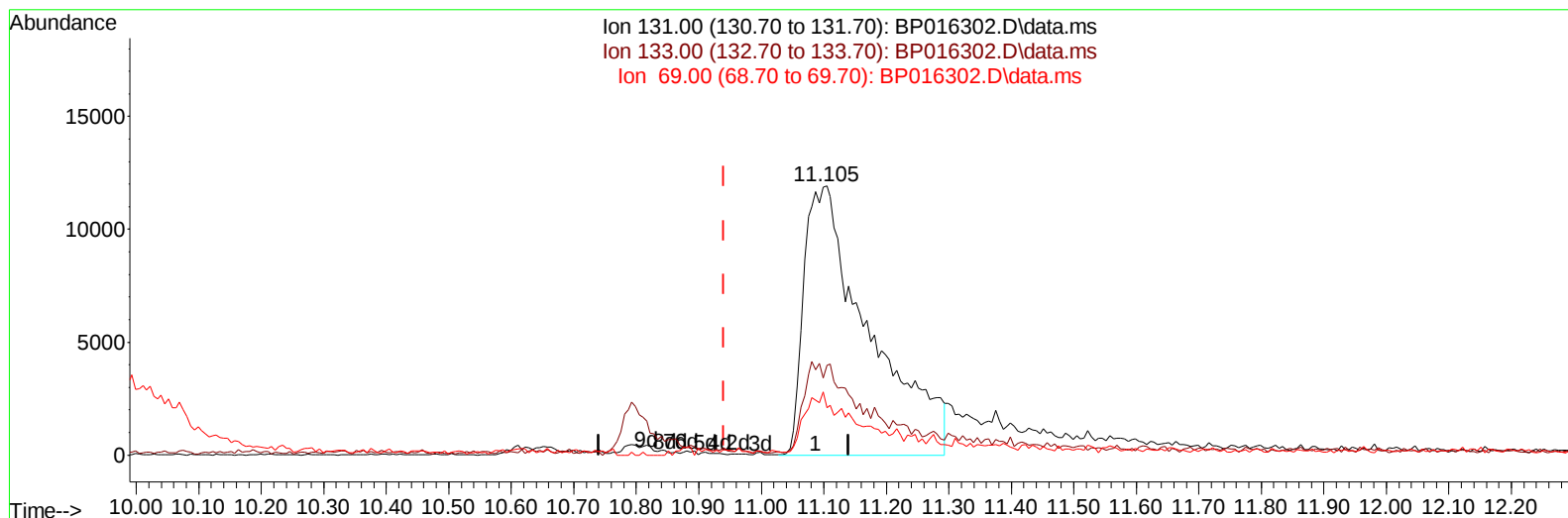
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.105min (+ 0.165) 4.26 ng/ul m

response 86071

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	33.27
69.00	21.00	17.48
0.00	0.00	0.00

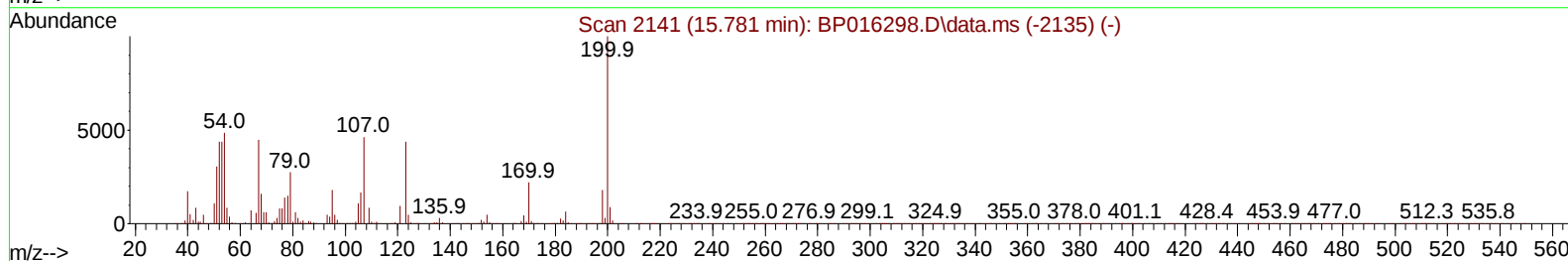
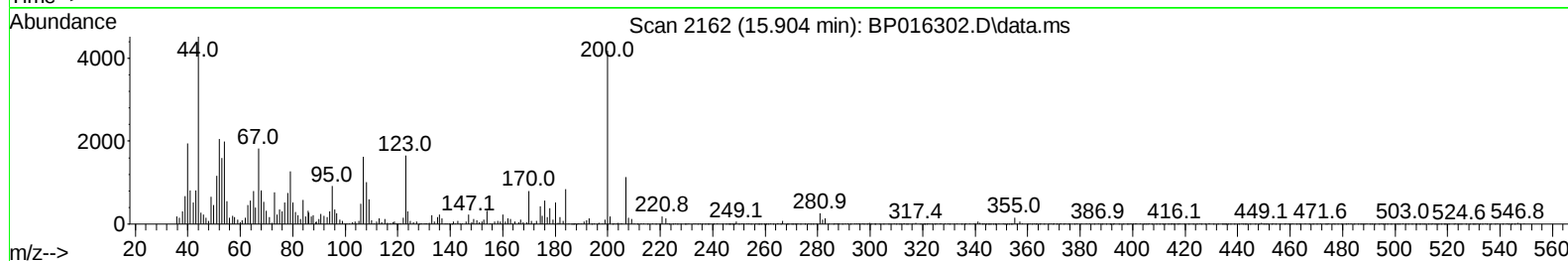
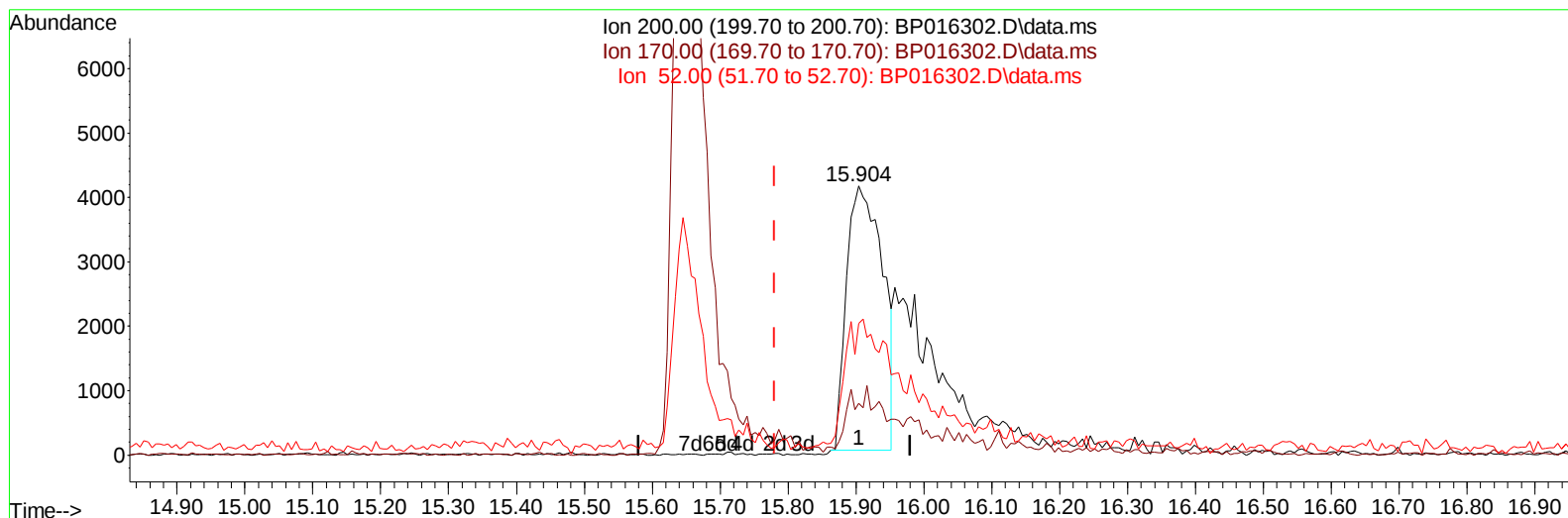
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016302.D\data.ms

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

15.904min (+ 0.124) 2.01 ng/u1

response 15012

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.26
52.00	58.00	49.03
0.00	0.00	0.00

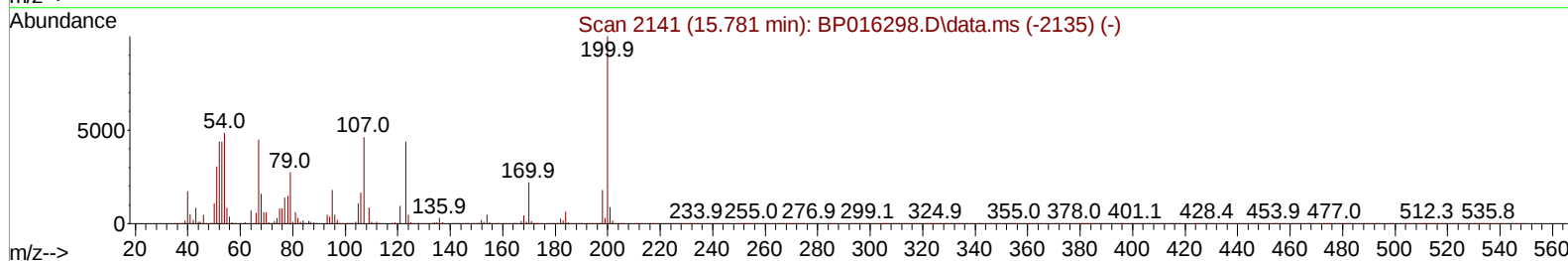
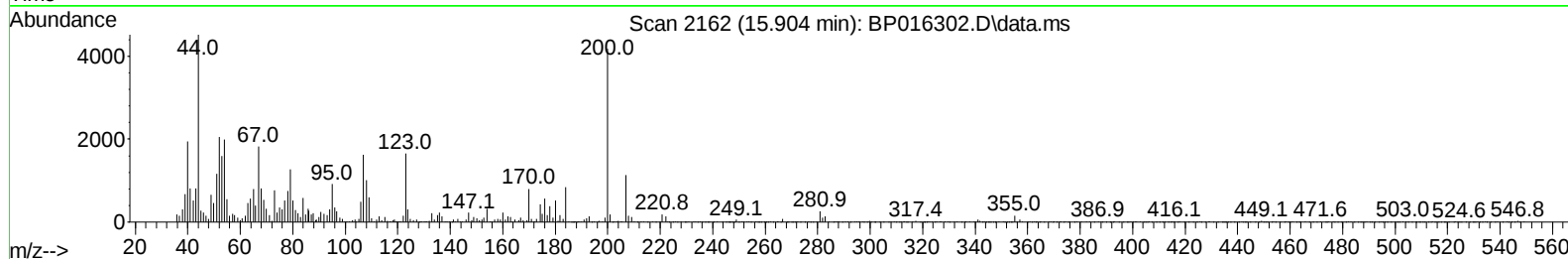
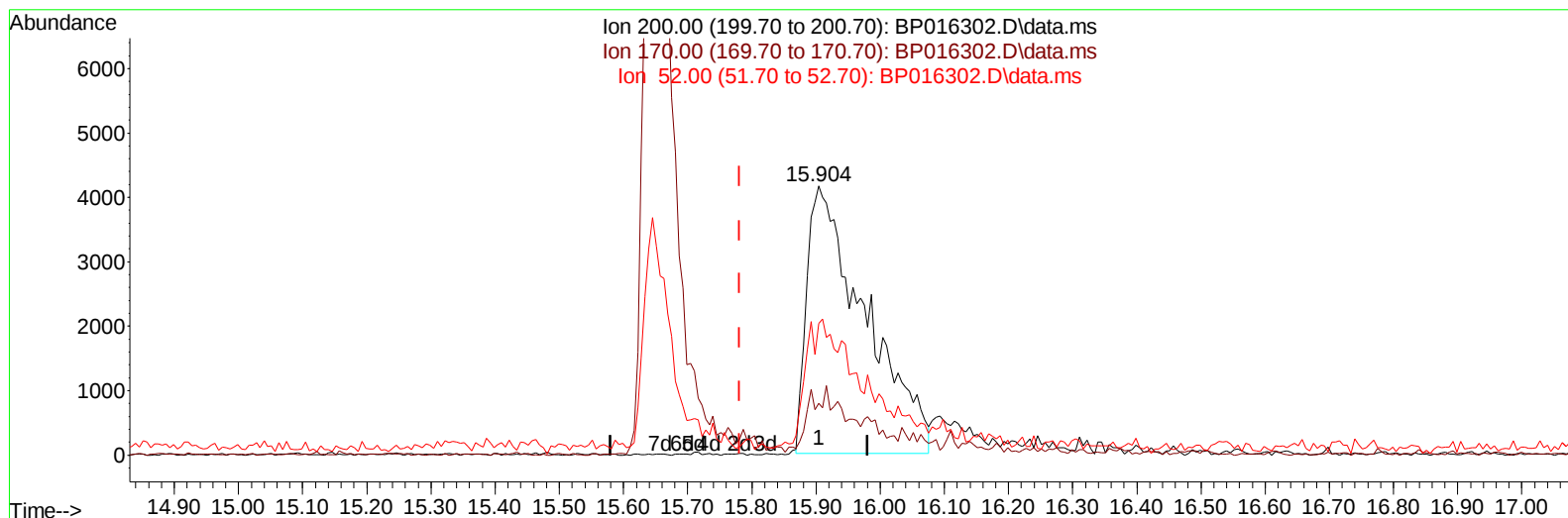
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016302.D
Acq On : 18 Jul 2023 20:22
Operator : MA/JU
Sample : 03477-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA44DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016302.D\data.ms

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

15.904min (+ 0.124) 3.48 ng/ul m

response 26002

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	19.26
52.00	58.00	49.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016302.D
 Acq On : 18 Jul 2023 20:22
 Operator : MA/JU
 Sample : 03477-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA44DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 01:58:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152		204052	20.000	ng/ul	0.03
20) Naphthalene-d8	10.793	136		926695	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.616	164		601203	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.387	188		1292516	20.000	ng/ul	0.02
79) Chrysene-d12	21.475	240		1246467	20.000	ng/ul	0.01
88) Perylene-d12	23.963	264		1418270	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.281	96		6796	1.179	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...	7.352	67		72817m	5.843	ng/ul	0.07
11) 2-Chlorophenol-d4	7.587	132		62128m	4.670	ng/ul	0.11
15) 4-Methylphenol-d8	8.846	113		42729m	2.878	ng/ul	0.15
21) Nitrobenzene-d5	9.240	128		35431m	5.542	ng/ul	0.10
24) 2-Nitrophenol-d4	9.999	143		37274m	5.115	ng/ul	0.14
28) 2,4-Dichlorophenol-d3	10.640	165		68566m	5.434	ng/ul	0.21
31) 4-Chloroaniline-d4	11.105	131		86071m	4.256	ng/ul	0.16
46) Dimethylphthalate-d6	14.063	166		308709	6.731	ng/ul	0.05
49) Acenaphthylene-d8	14.316	160		314824	6.264	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143		0d	0.000	ng/ul	
60) Fluorene-d10	15.645	176		293789	7.655	ng/ul	0.05
65) 4,6-Dinitro-2-methylph...	15.904	200		26002m	3.485	ng/ul	0.12
73) Anthracene-d10	17.510	188		462586	8.182	ng/ul	0.04
81) Pyrene-d10	19.728	212		598705	9.257	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.798	264		578931	8.500	ng/ul	0.00
Target Compounds							
						Qvalue	
2) 1,4-Dioxane	3.311	88		126368	19.978	ng/uL	97

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

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ALS Vial : 6 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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