

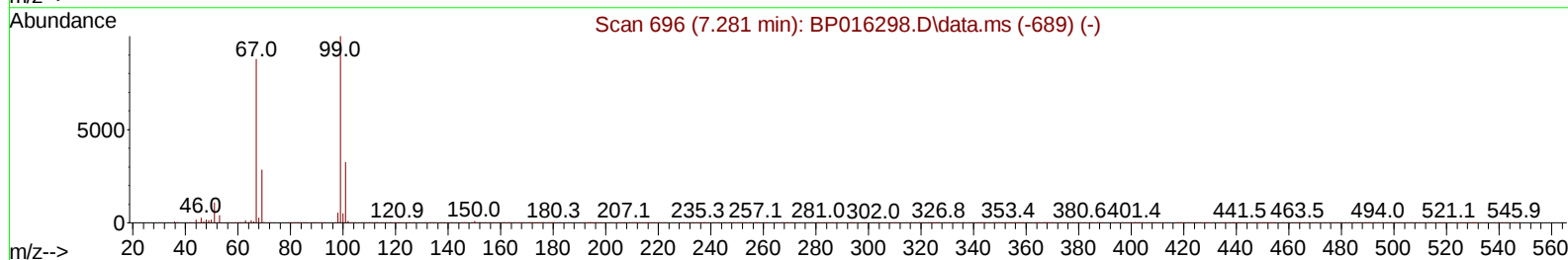
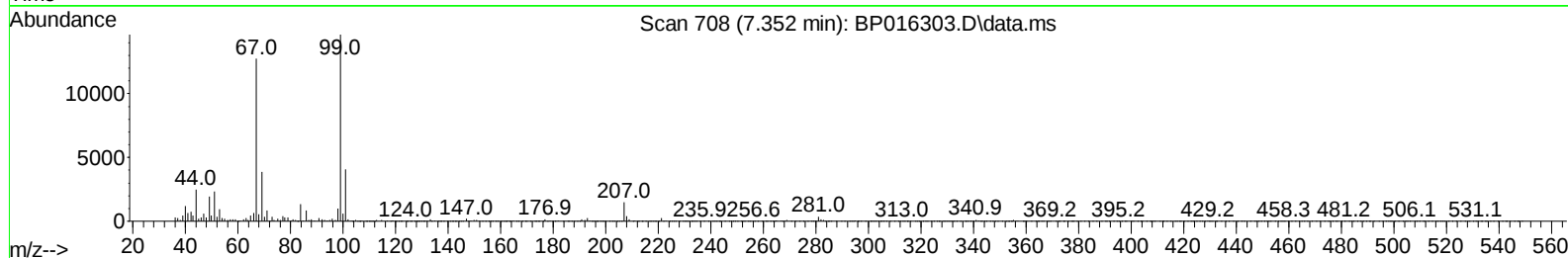
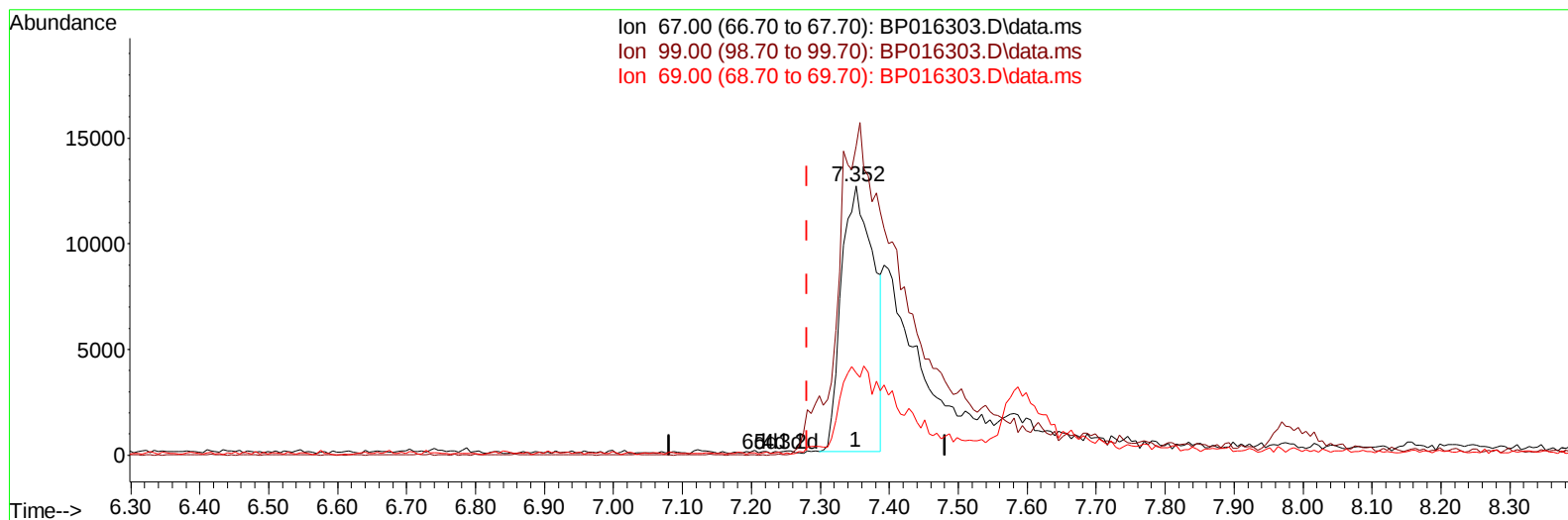
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:41 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: BP016303.D\data.ms

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

7.352min (+ 0.071) 2.88 ng/u1

response 40875

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	114.99
69.00	33.10	30.47
0.00	0.00	0.00

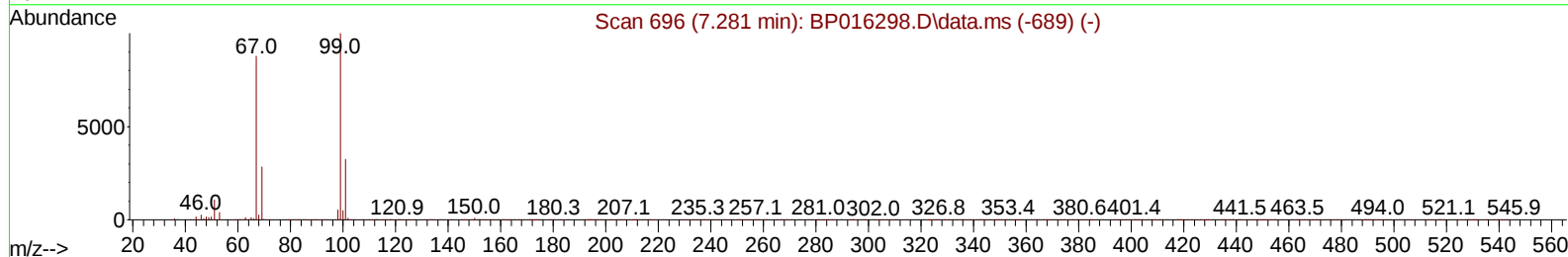
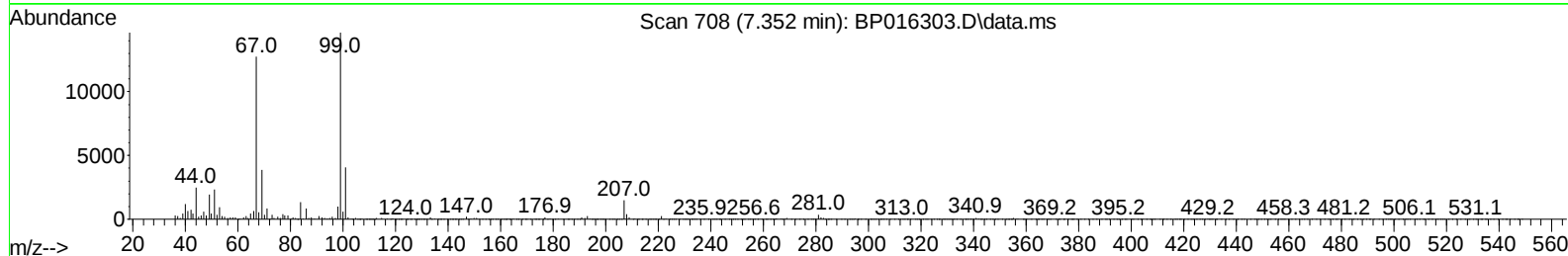
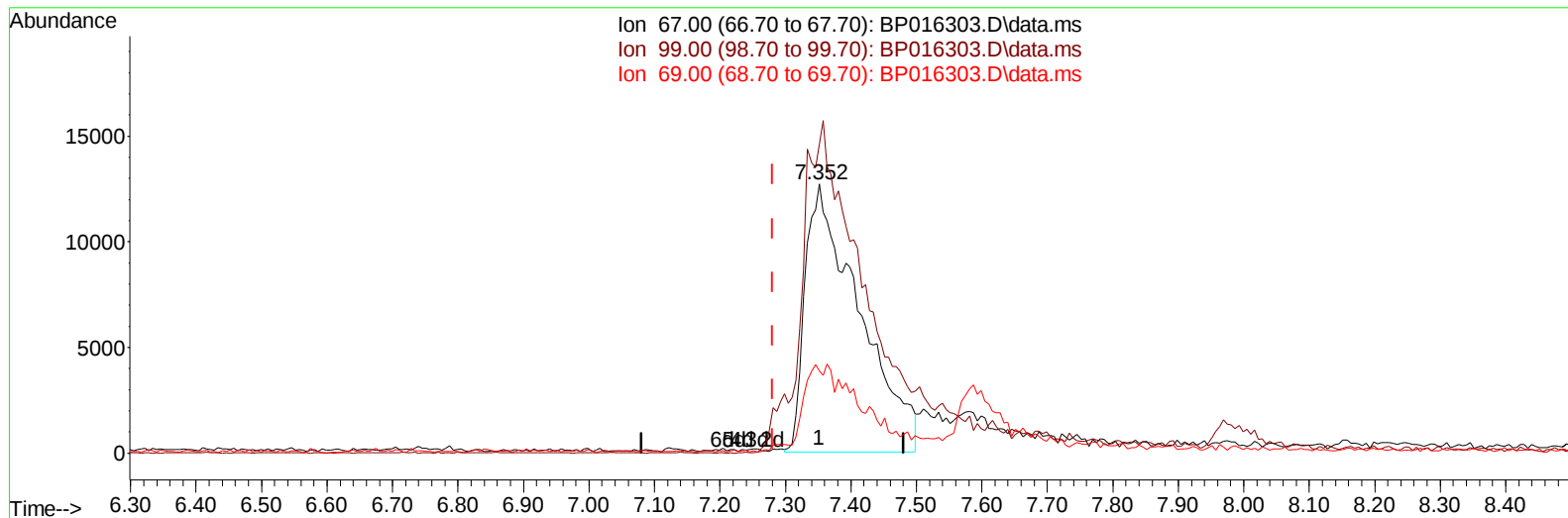
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:30:41 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: BP016303.D\data.ms

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

7.352min (+ 0.071) 5.09 ng/ul m

response 72363

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.30	114.99
69.00	33.10	30.47
0.00	0.00	0.00

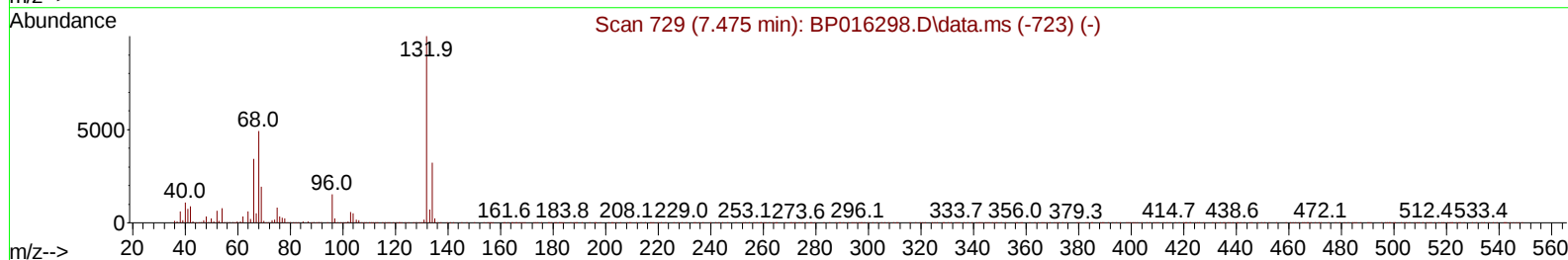
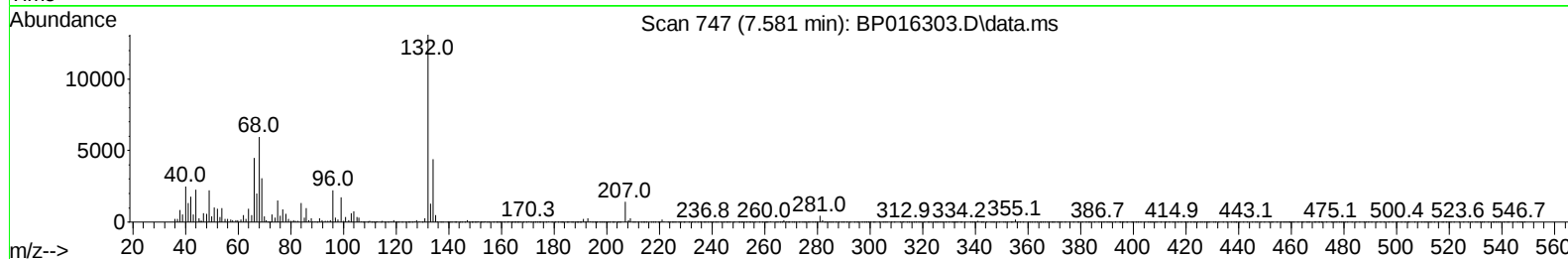
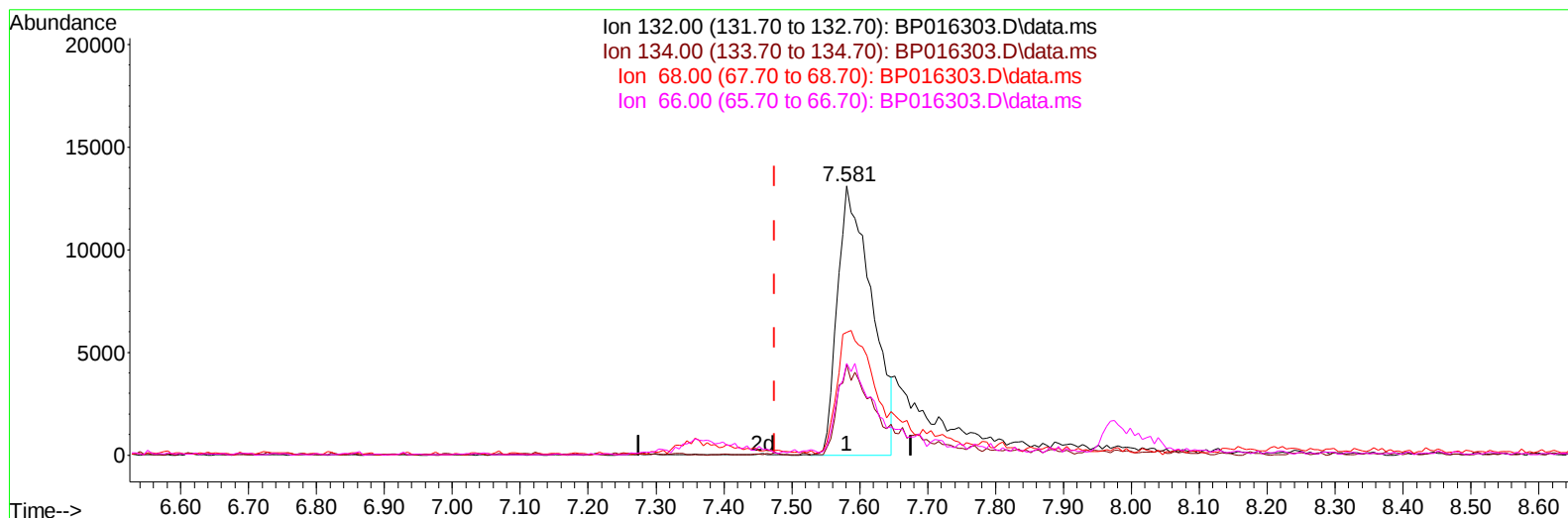
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:12 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: BP016303.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.581min (+ 0.106) 3.02 ng/u1

response 45843

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	33.60
68.00	47.30	45.53
66.00	33.60	34.16

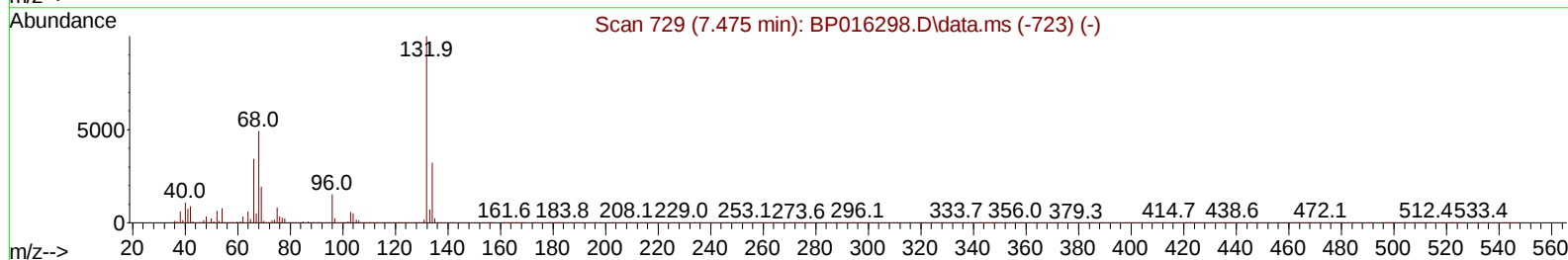
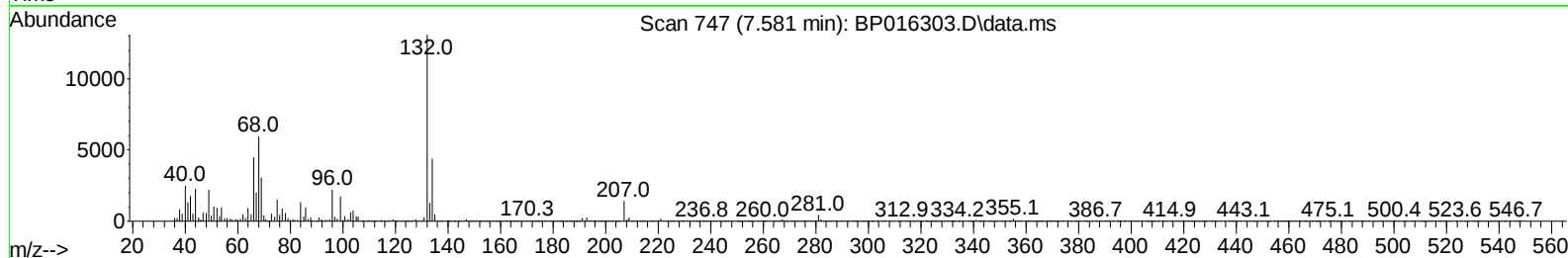
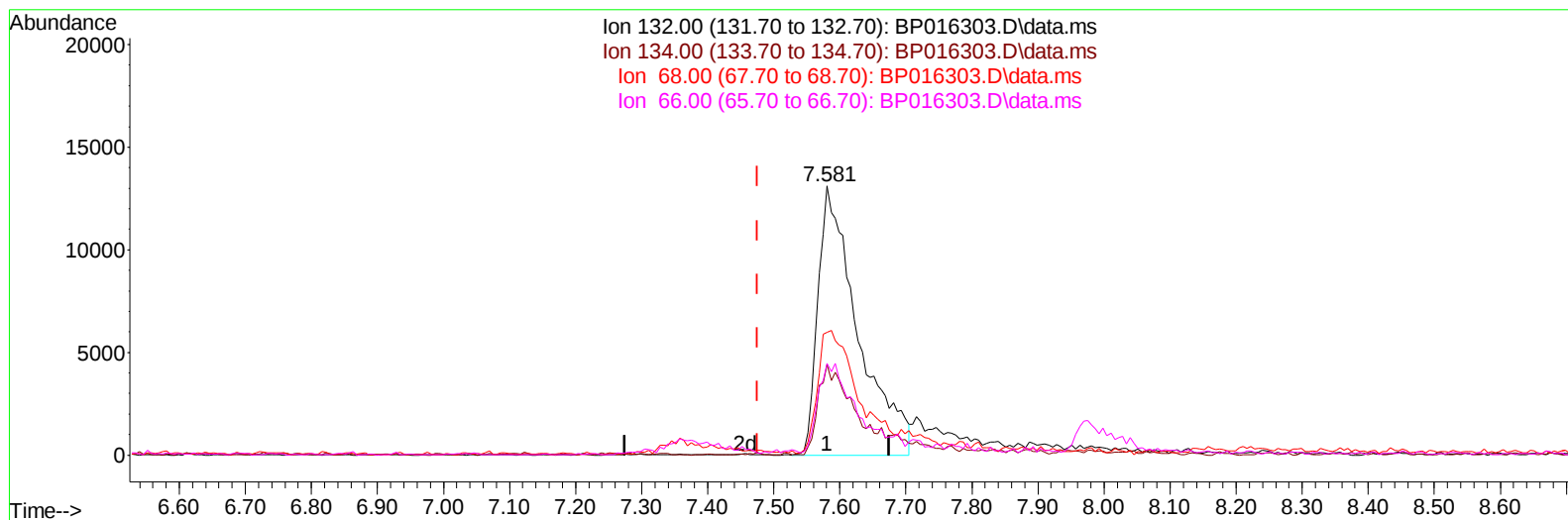
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016303.D
Acq On : 18 Jul 2023 20:56
Operator : MA/JU
Sample : 03477-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:12 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: BP016303.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.581min (+ 0.106) 3.62 ng/ul m

response 54904

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.50	33.60
68.00	47.30	45.53
66.00	33.60	34.16

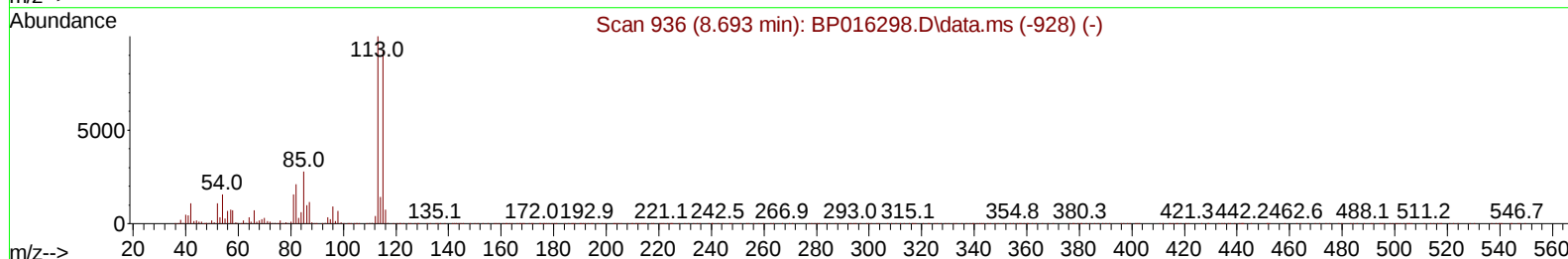
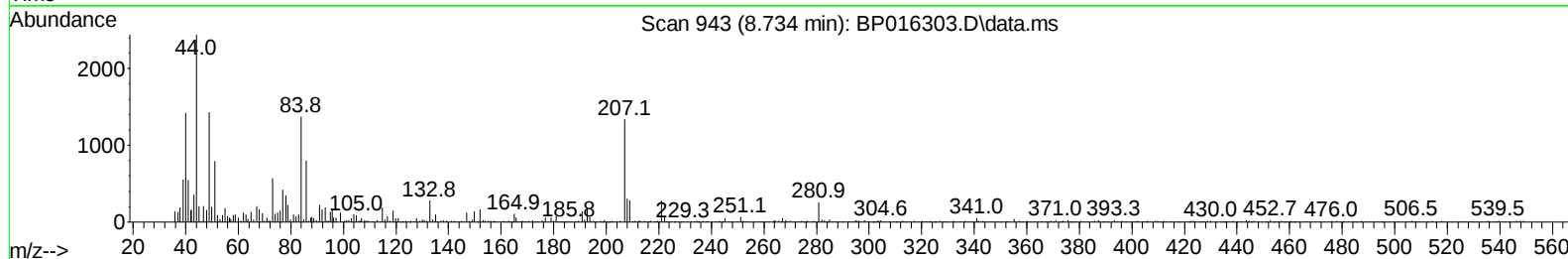
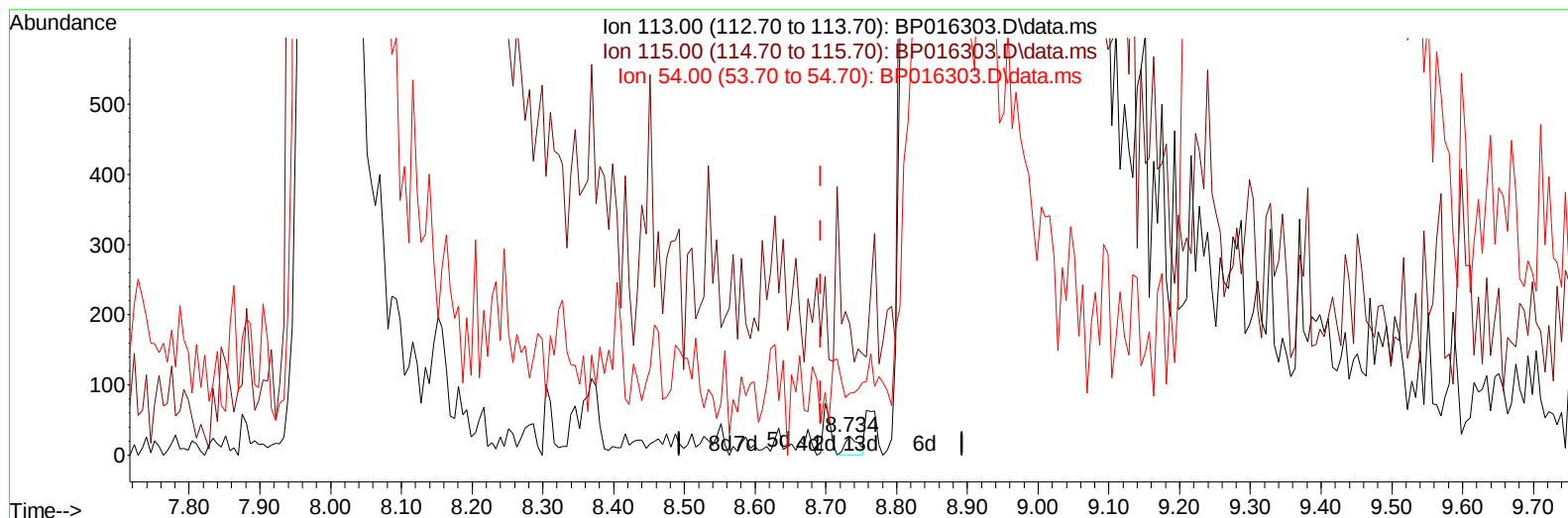
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016303.D
Acq On : 18 Jul 2023 20:56
Operator : MA/JU
Sample : 03477-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 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: BP016303.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.734min (+ 0.041) 0.00 ng/u1

response 35

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	822.22#
54.00	16.30	325.93#
0.00	0.00	0.00

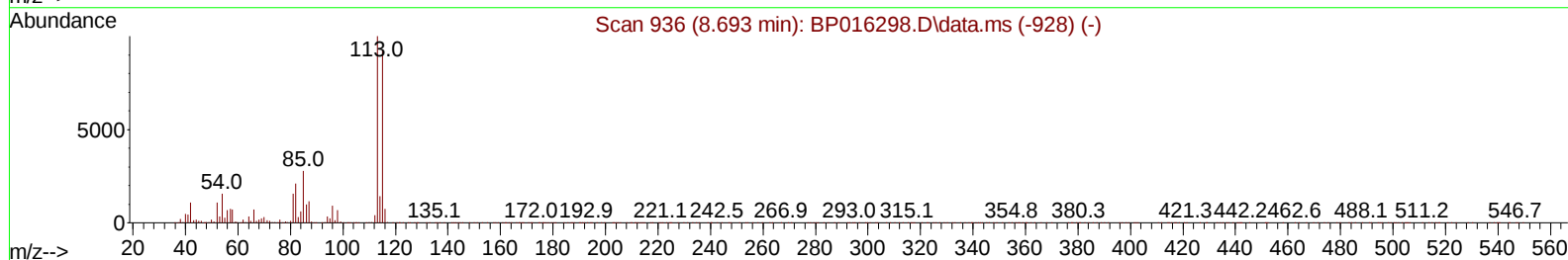
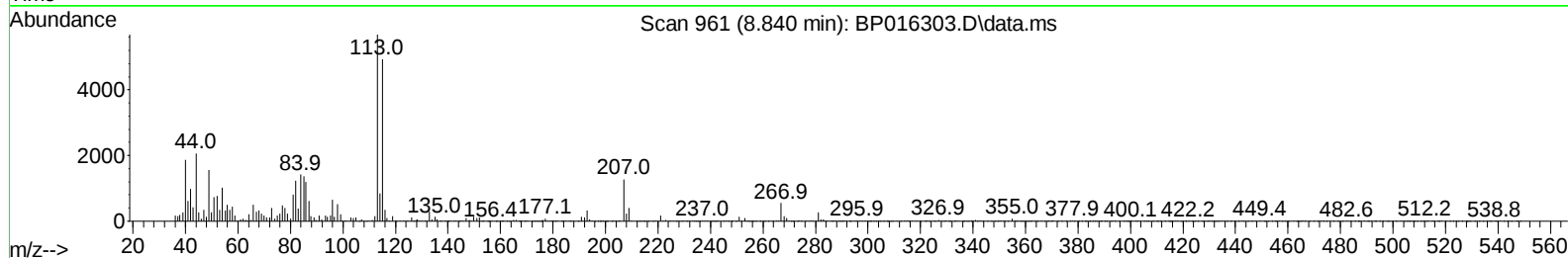
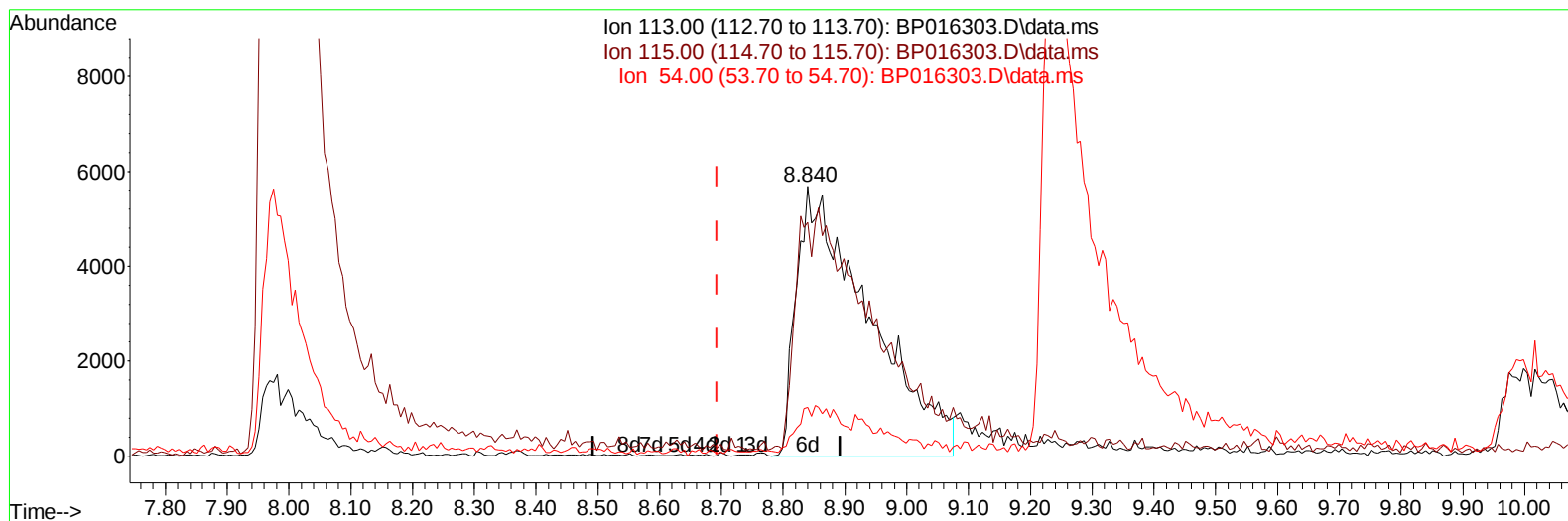
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 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016303.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.840min (+ 0.147) 2.72 ng/ul m

response 46114

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	86.68
54.00	16.30	18.09
0.00	0.00	0.00

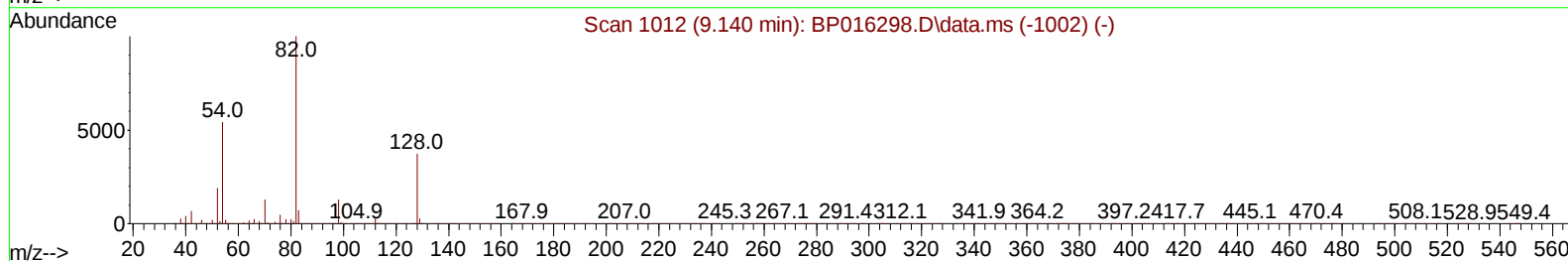
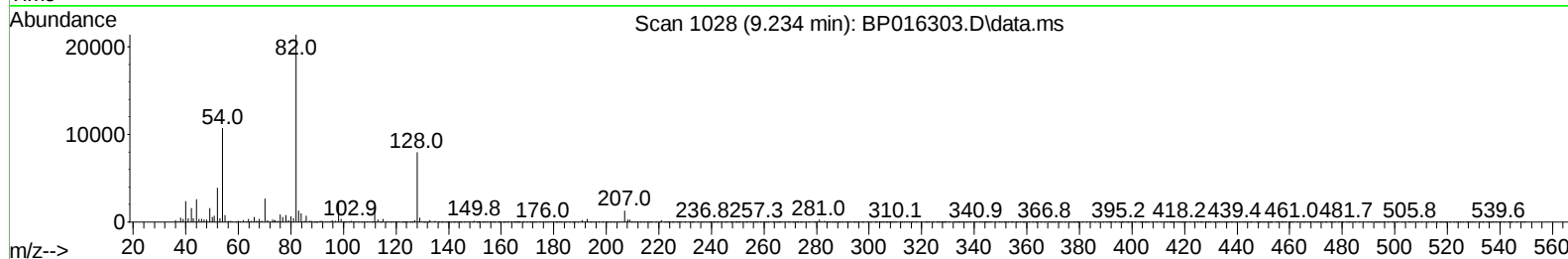
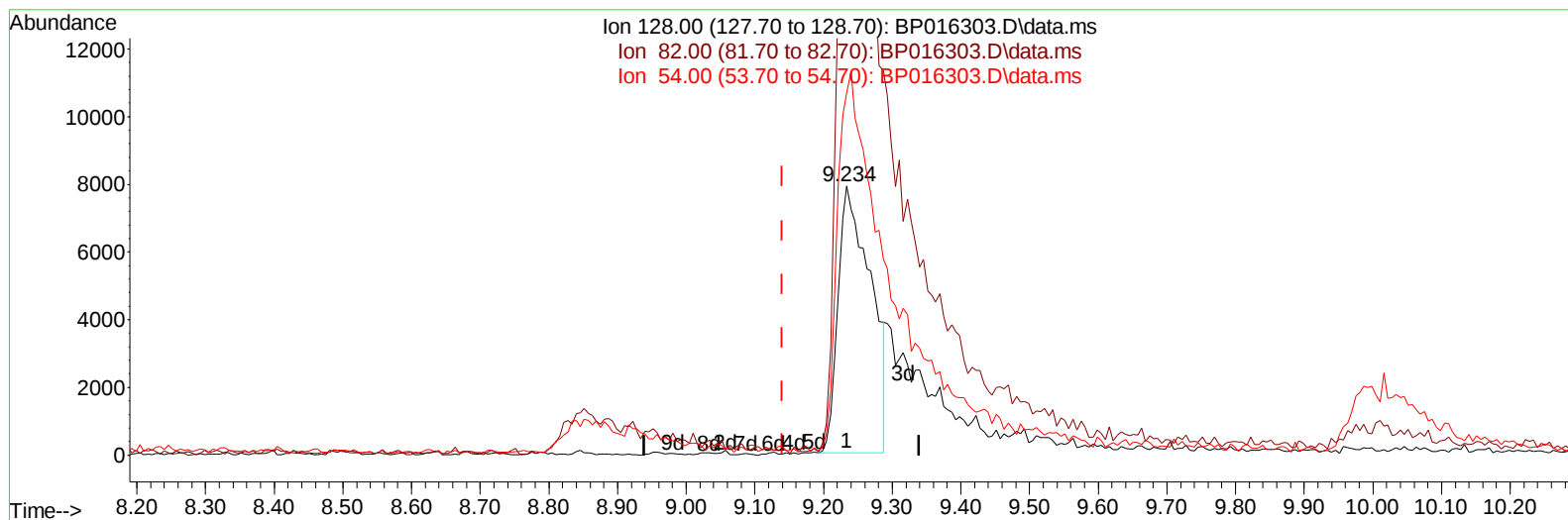
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

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TIC: BP016303.D\data.ms

(21) Nitrobenzene-d5 (S)

9.234min (+ 0.094) 4.15 ng/u1

response 25787

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	269.08
54.00	136.80	134.67
0.00	0.00	0.00

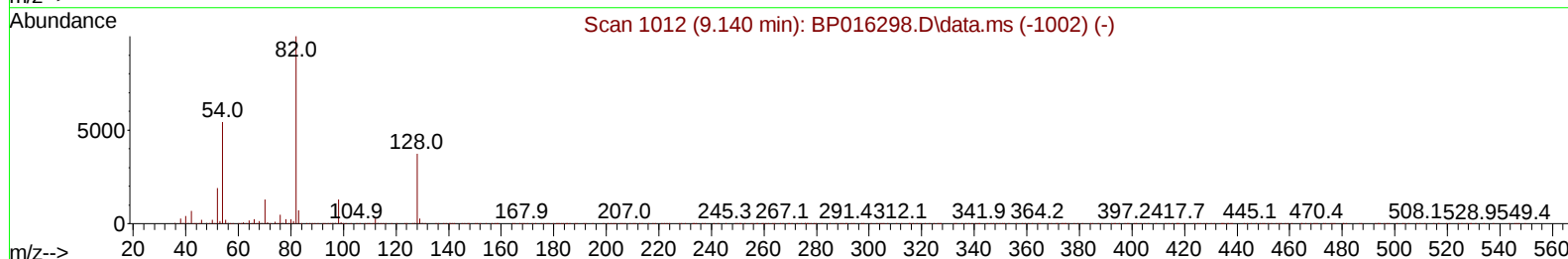
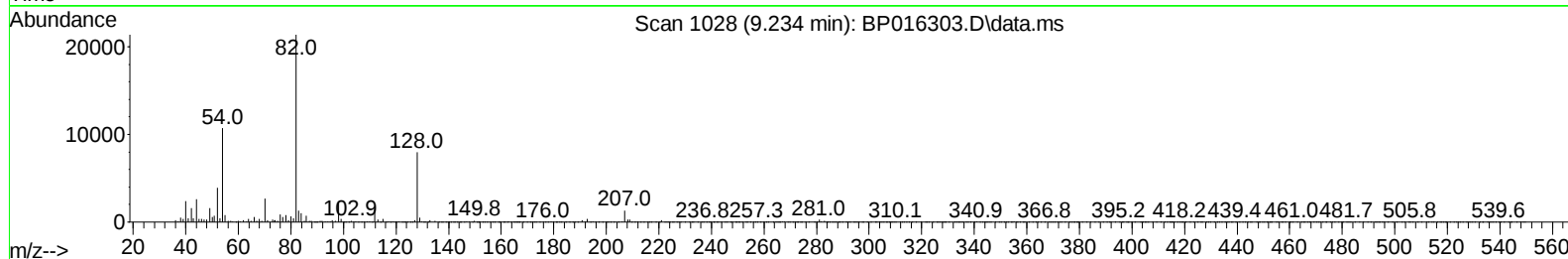
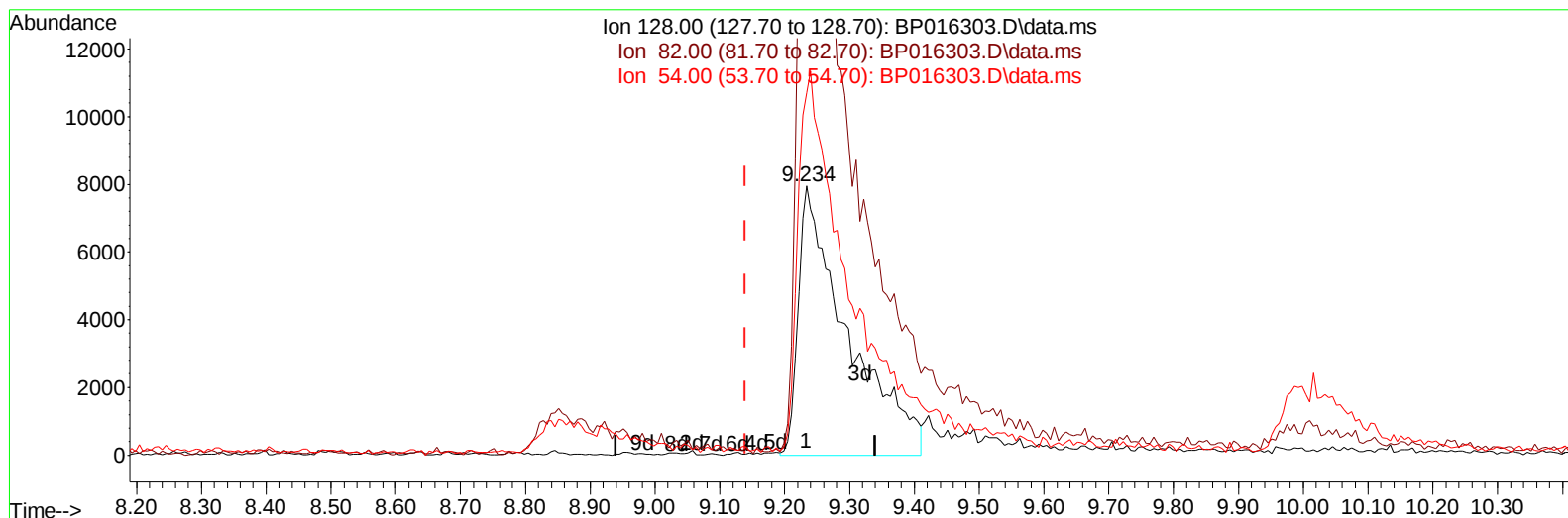
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 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 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: BP016303.D\data.ms

(21) Nitrobenzene-d5 (S)

9.234min (+ 0.094) 6.69 ng/ul m

response 41562

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	261.40	269.08
54.00	136.80	134.67
0.00	0.00	0.00

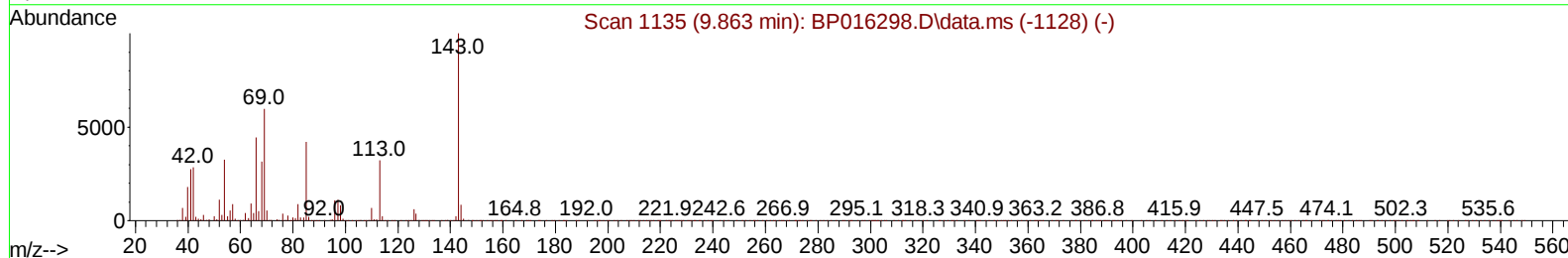
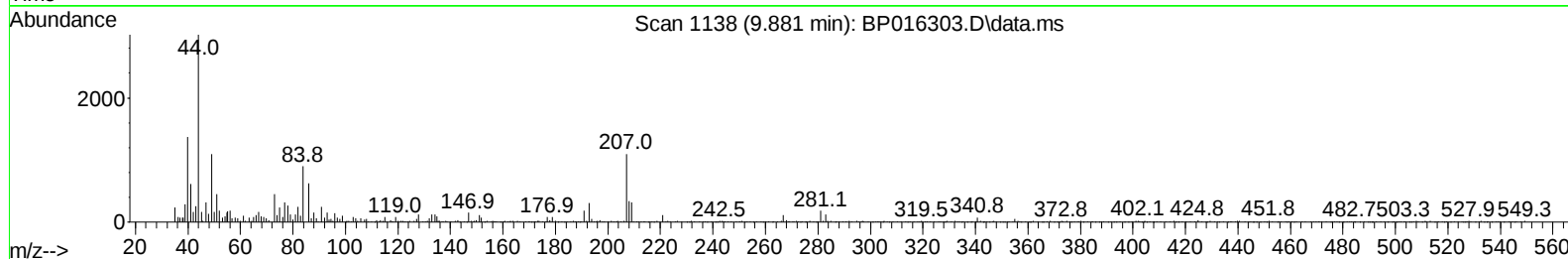
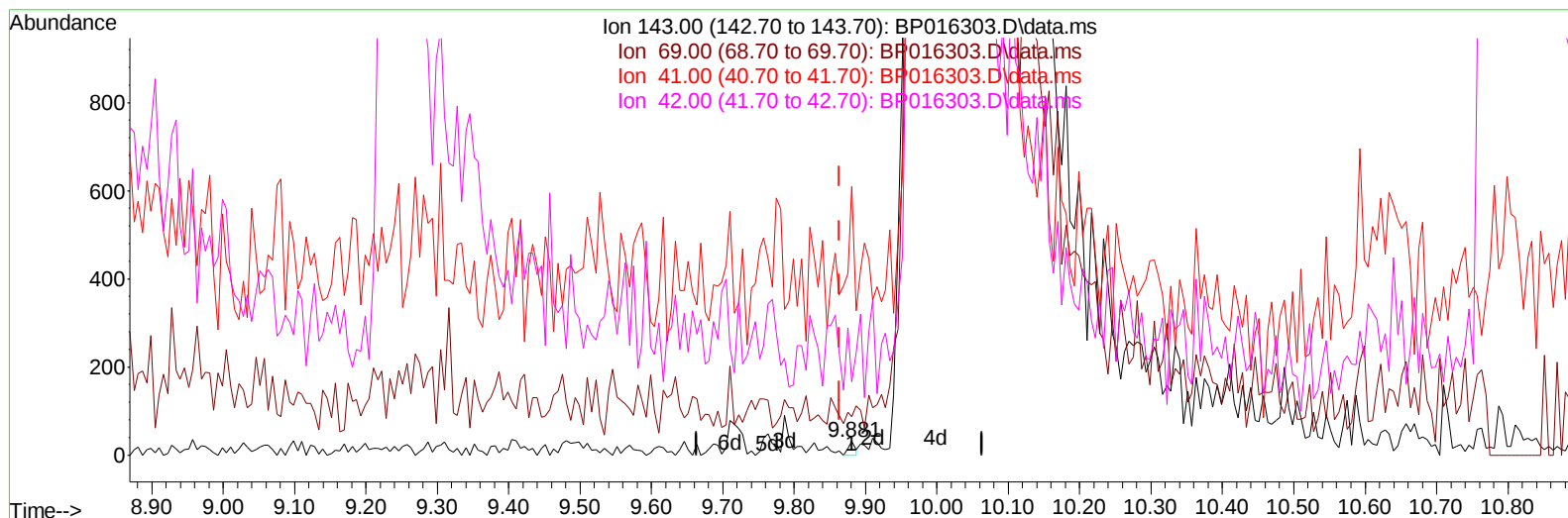
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 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 2023
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TIC: BP016303.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.881min (+ 0.018) 0.00 ng/u1

response 20

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	477.42#
41.00	28.60	1967.74#
42.00	29.20	538.71#

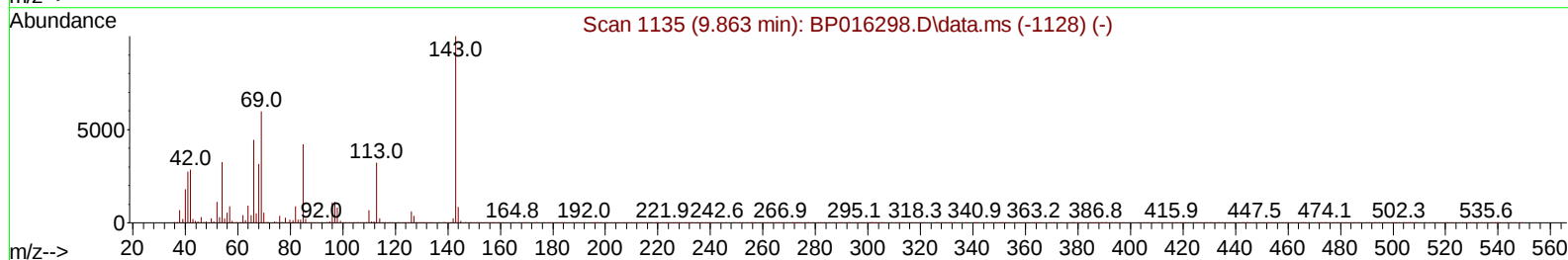
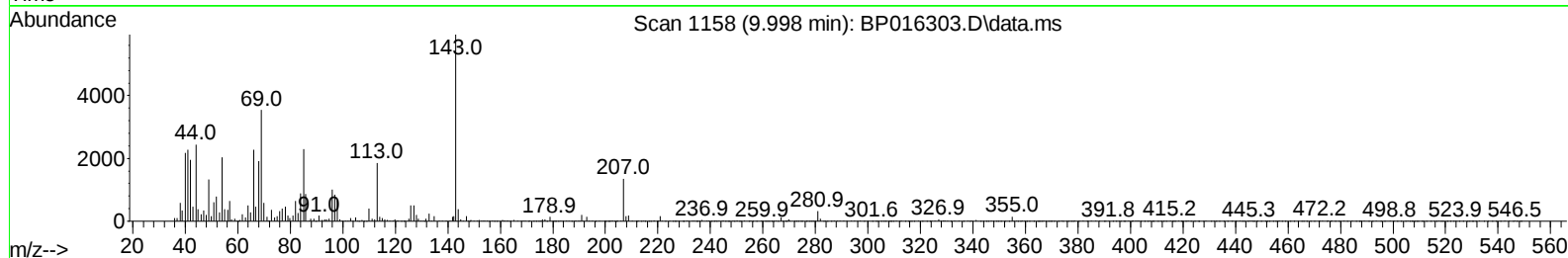
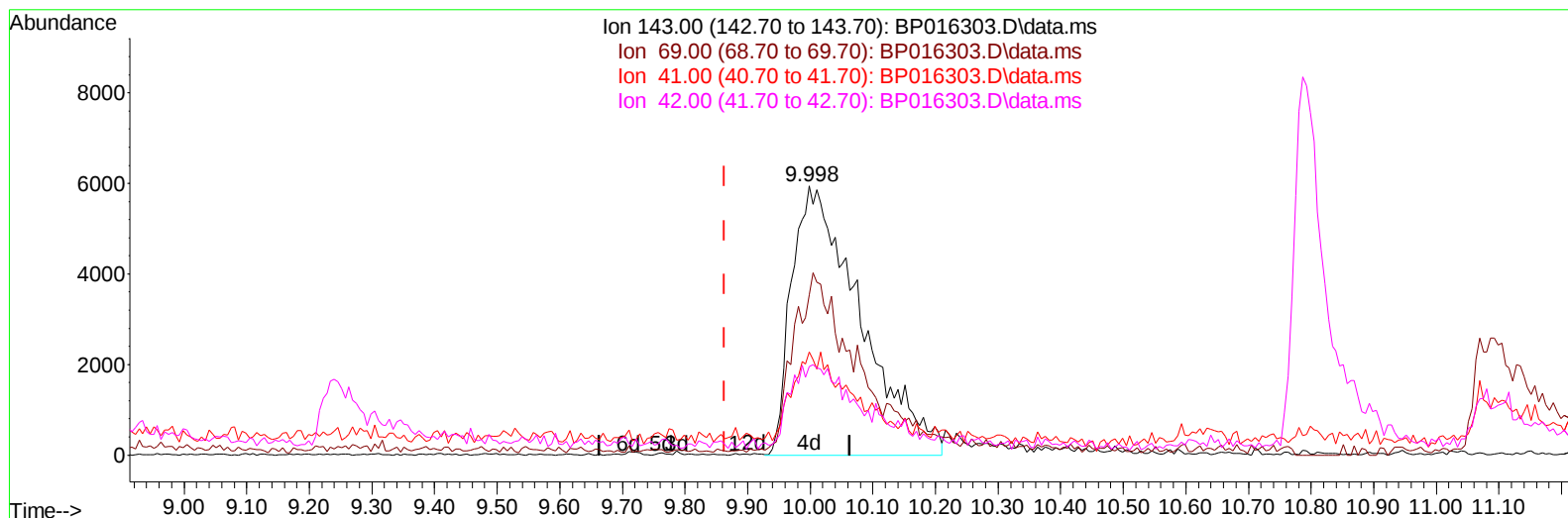
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 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 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
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016303.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.998min (+ 0.135) 6.38 ng/ul m

response 45184

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	59.61
41.00	28.60	38.30#
42.00	29.20	32.86

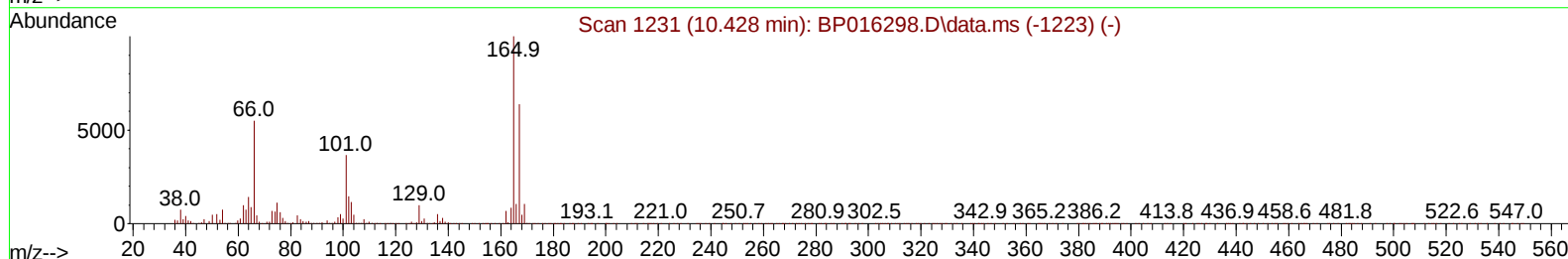
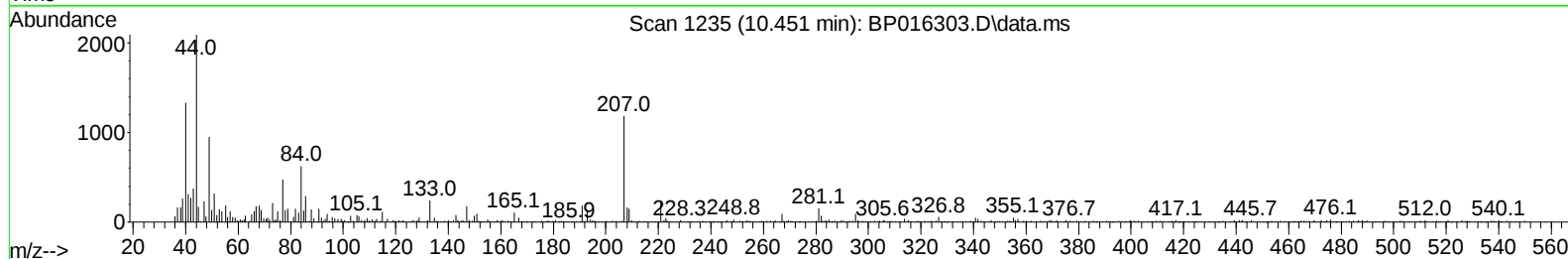
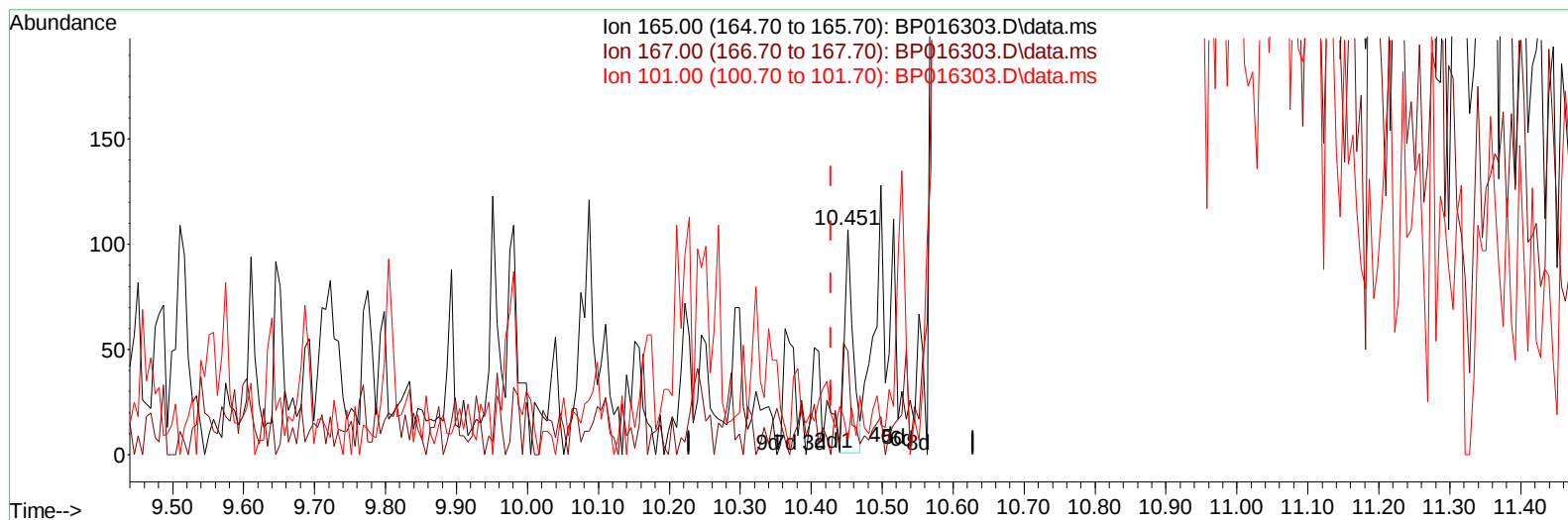
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 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 2023
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016303.D\data.ms

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

10.451min (+ 0.023) 0.01 ng/ul

response 90

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	55.14
101.00	38.50	6.54#
0.00	0.00	0.00

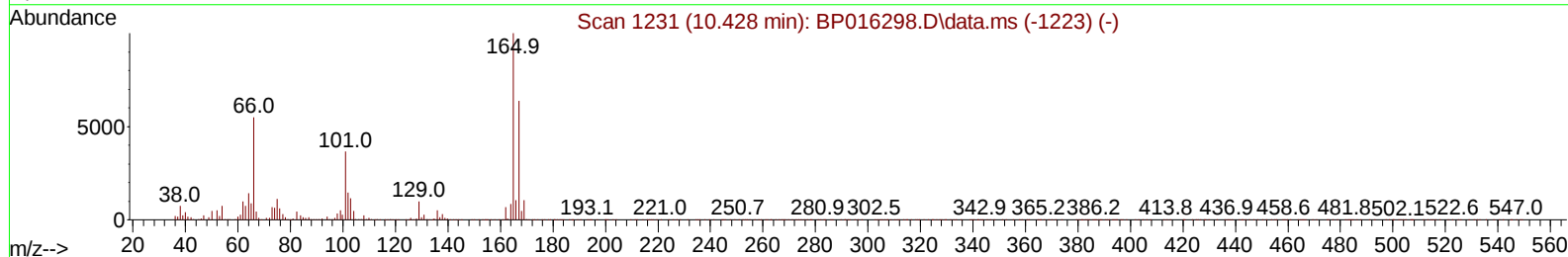
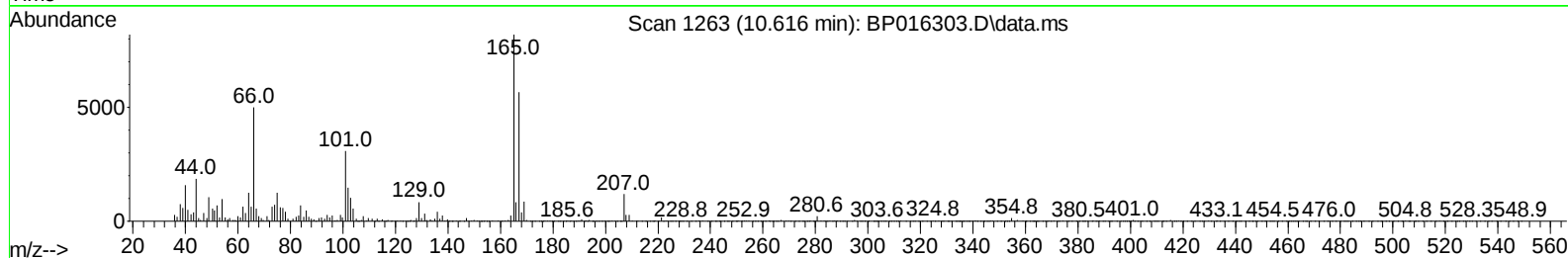
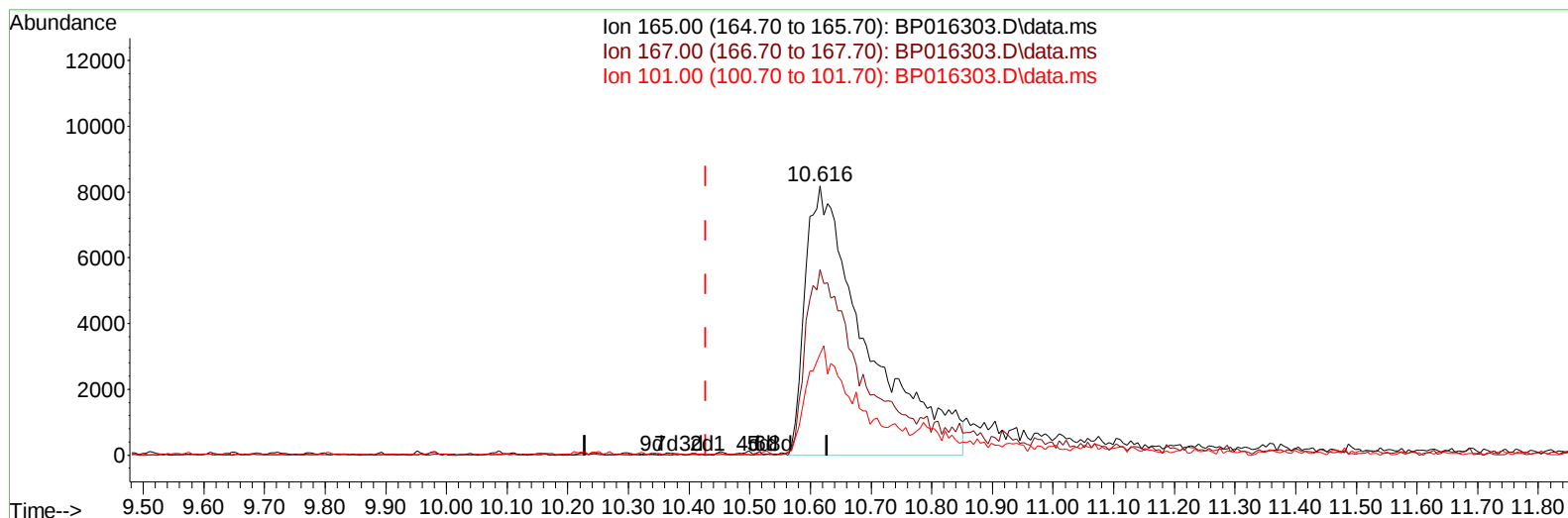
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 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 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: BP016303.D\data.ms

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

10.616min (+ 0.188) 4.73 ng/ul m

response 57954

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	69.07
101.00	38.50	37.63
0.00	0.00	0.00

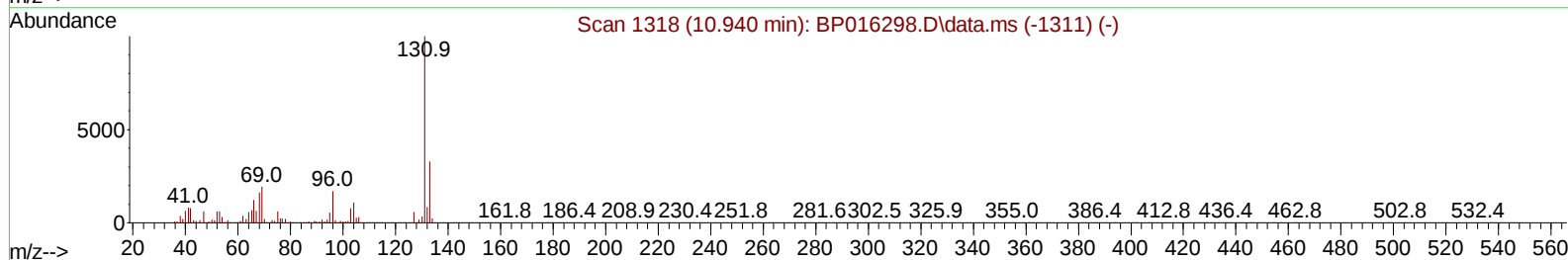
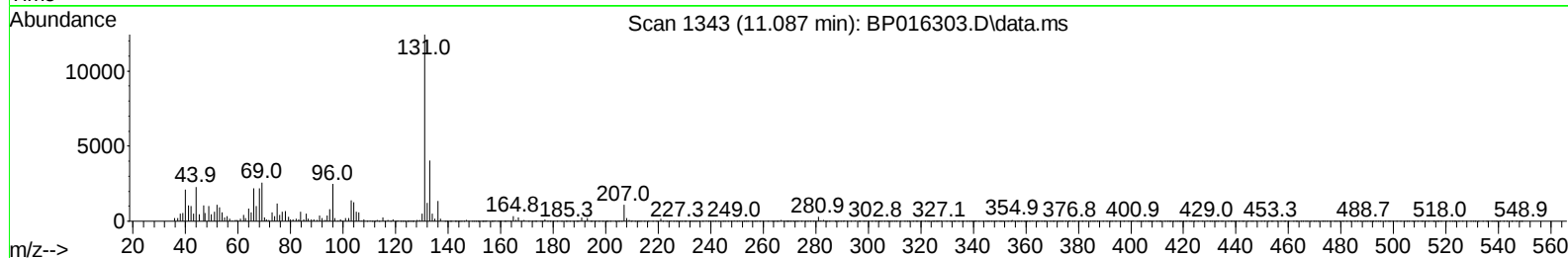
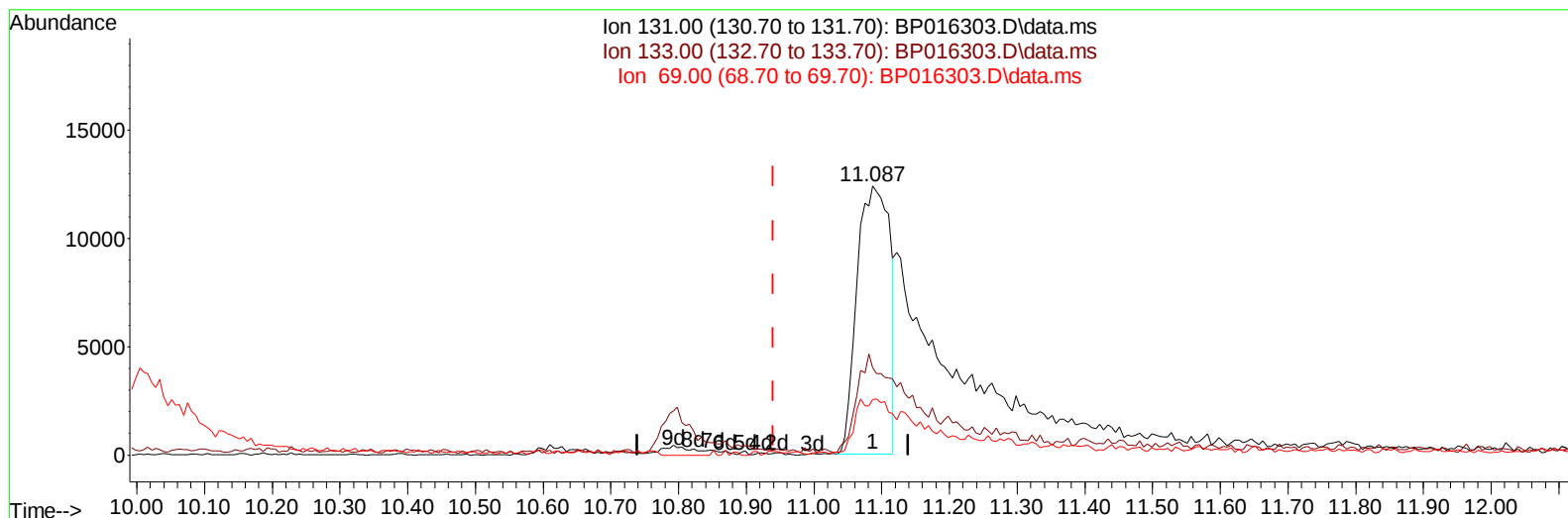
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016303.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.087min (+ 0.147) 2.11 ng/ul

response 41543

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	32.53
69.00	21.00	20.75
0.00	0.00	0.00

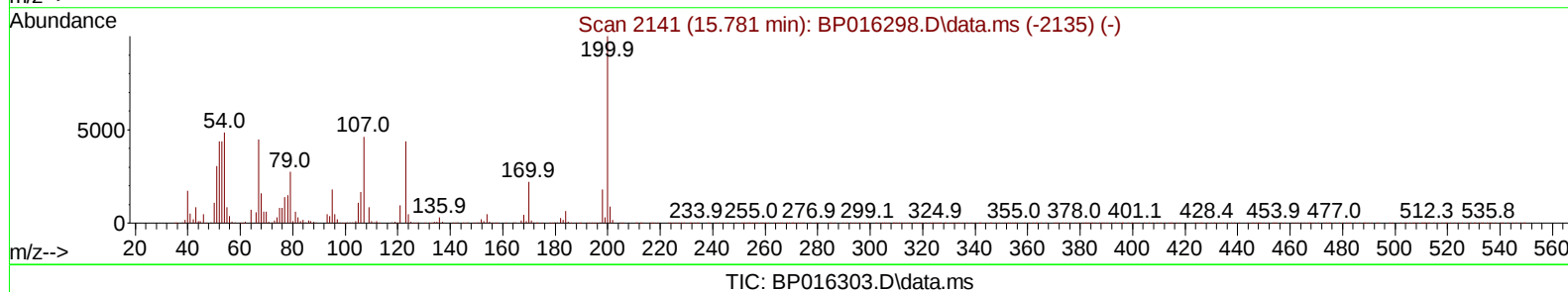
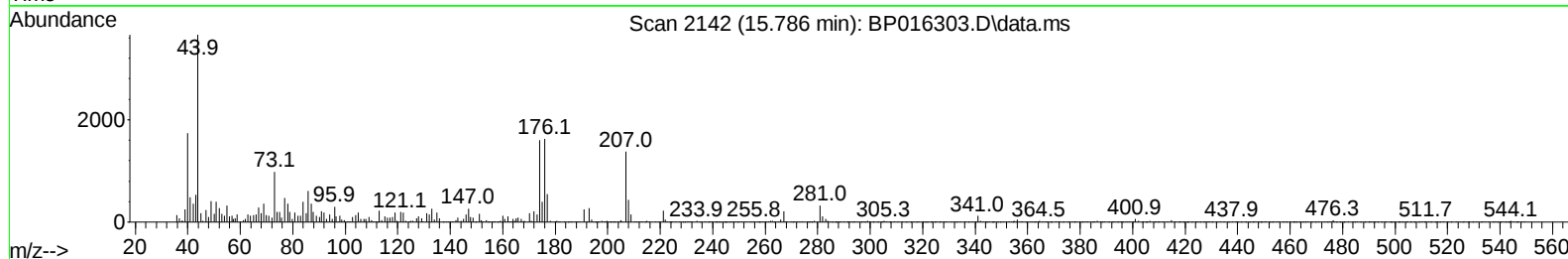
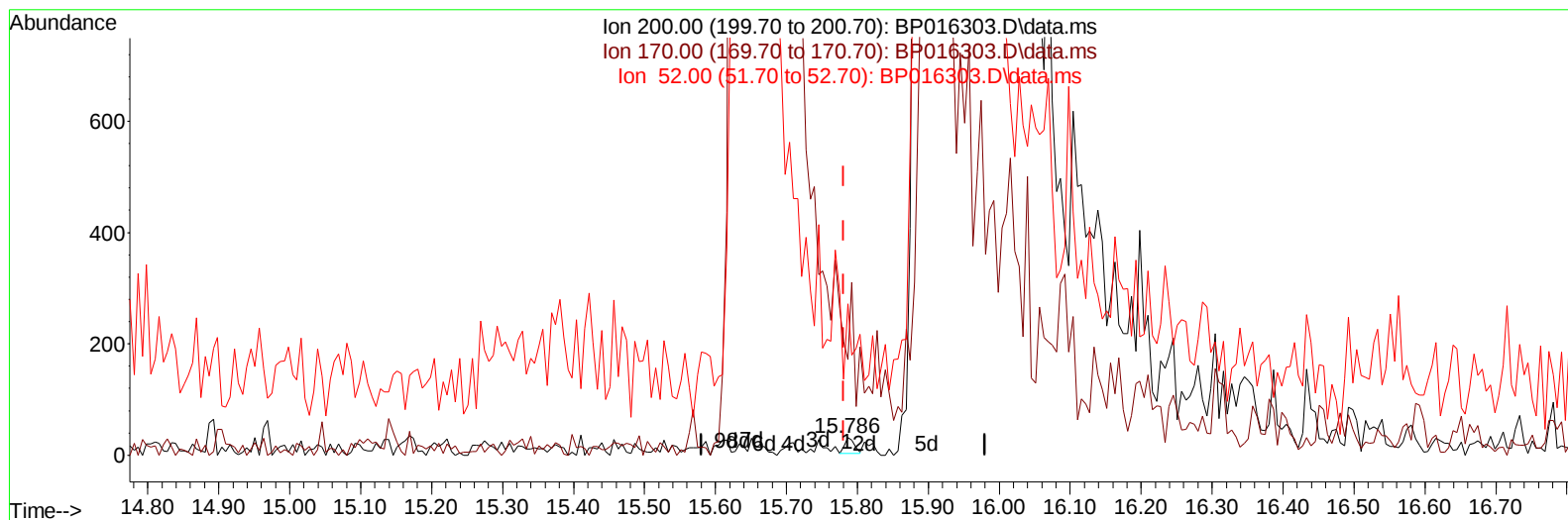
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016303.D
Acq On : 18 Jul 2023 20:56
Operator : MA/JU
Sample : 03477-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA41DL

Manual IntegrationsAPPROVED

Quant Time: Jul 19 02:01:29 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



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

15.786min (+ 0.006) 0.00 ng/u1

response 27

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	537.50#
52.00	58.00	850.00#
0.00	0.00	0.00

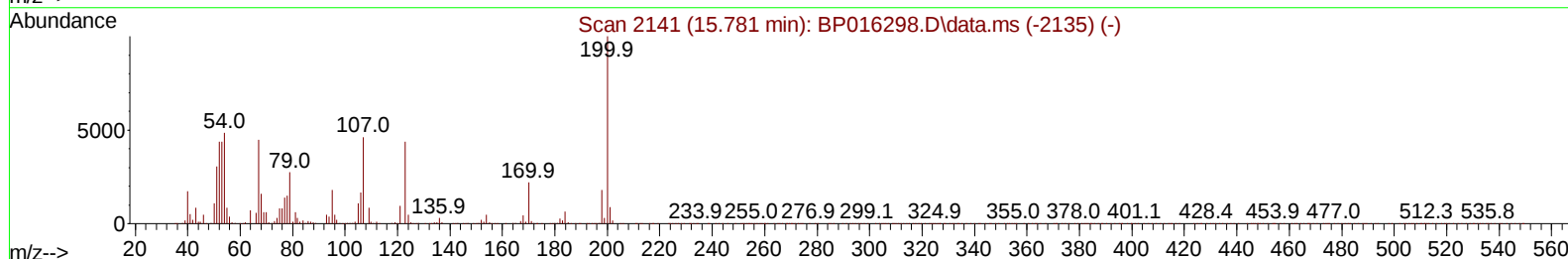
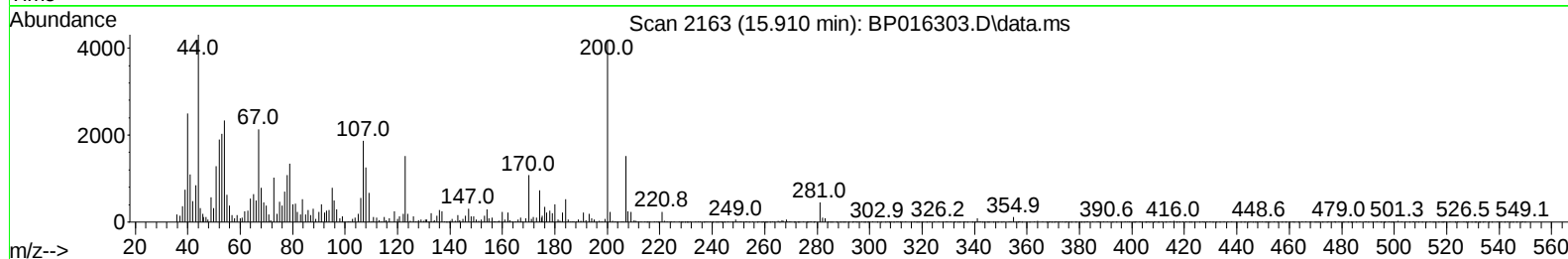
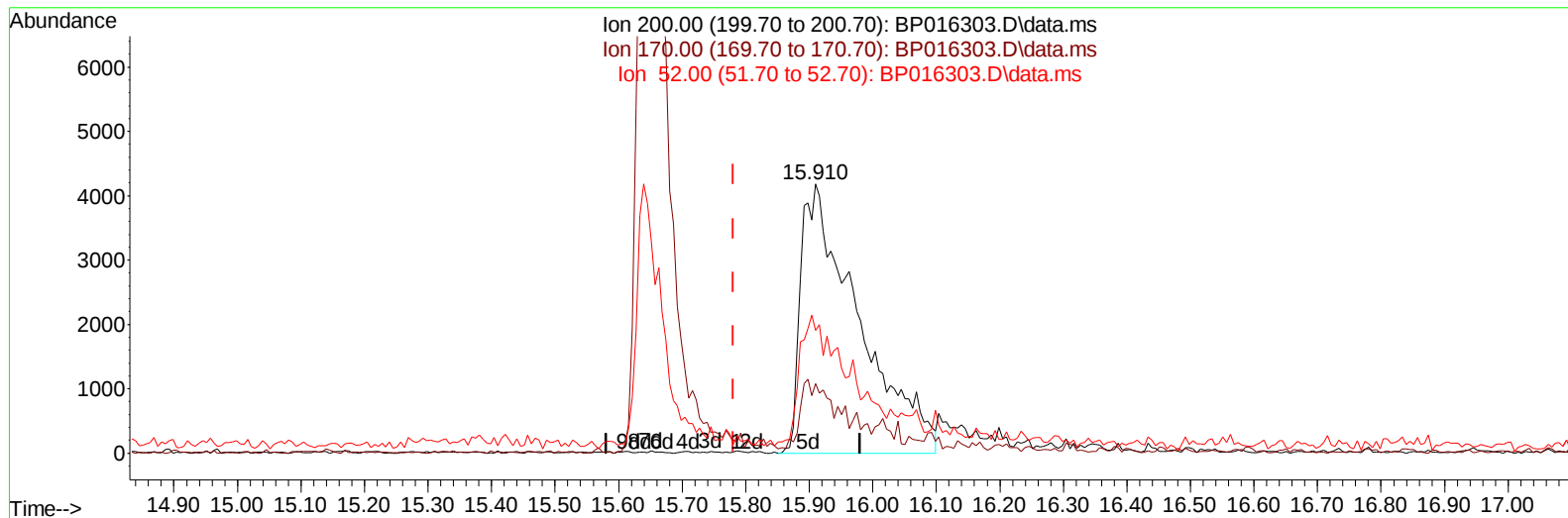
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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TIC: BP016303.D\data.ms

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

15.910min (+ 0.129) 3.07 ng/ul m

response 26227

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	25.79
52.00	58.00	45.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016303.D
 Acq On : 18 Jul 2023 20:56
 Operator : MA/JU
 Sample : 03477-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HOA41DL

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 06:02:15 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.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	232774	20.000	ng/ul	0.02
20) Naphthalene-d8	10.787	136	900675	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.616	164	676925	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.380	188	1480617	20.000	ng/ul	0.01
79) Chrysene-d12	21.474	240	1448756	20.000	ng/ul	0.01
88) Perylene-d12	23.957	264	1585432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8142	1.238	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	72363m	5.090	ng/ul	0.07
11) 2-Chlorophenol-d4	7.581	132	54904m	3.617	ng/ul	0.11
15) 4-Methylphenol-d8	8.840	113	46114m	2.723	ng/ul	0.15
21) Nitrobenzene-d5	9.234	128	41562m	6.689	ng/ul	0.09
24) 2-Nitrophenol-d4	9.998	143	45184m	6.380	ng/ul	0.14
28) 2,4-Dichlorophenol-d3	10.616	165	57954m	4.726	ng/ul	0.19
31) 4-Chloroaniline-d4	11.087	131	88818m	4.518	ng/ul	0.15
46) Dimethylphthalate-d6	14.057	166	333771	6.464	ng/ul	0.04
49) Acenaphthylene-d8	14.316	160	329447	5.822	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.645	176	314994	7.289	ng/ul	0.05
65) 4,6-Dinitro-2-methylph...	15.910	200	26227m	3.068	ng/ul	0.13
73) Anthracene-d10	17.510	188	482886	7.456	ng/ul	0.04
81) Pyrene-d10	19.727	212	611185	8.130	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.798	264	558279	7.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	137676	19.080	ng/uL	96

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

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