

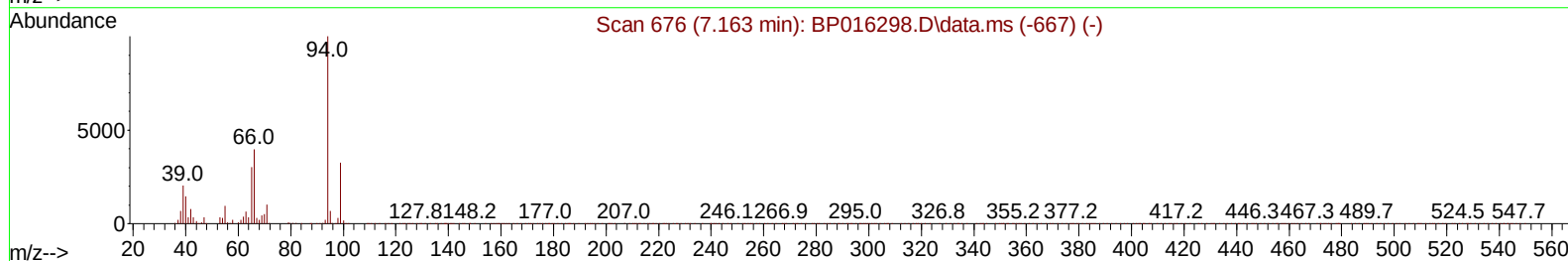
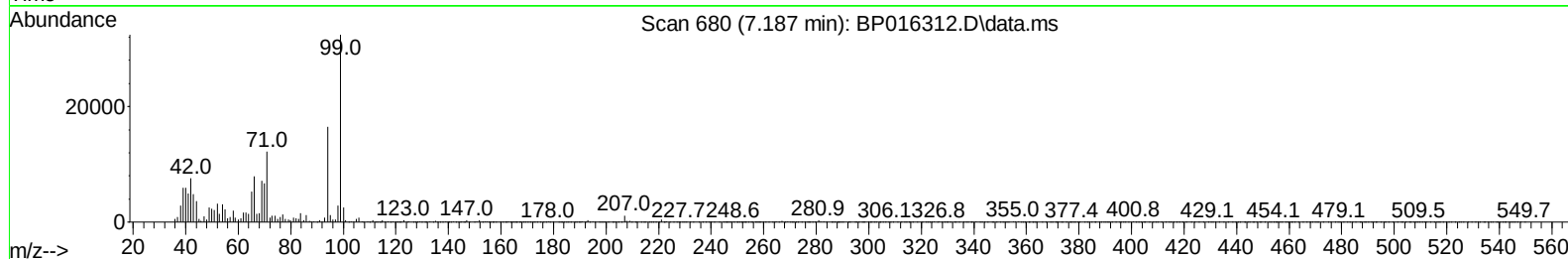
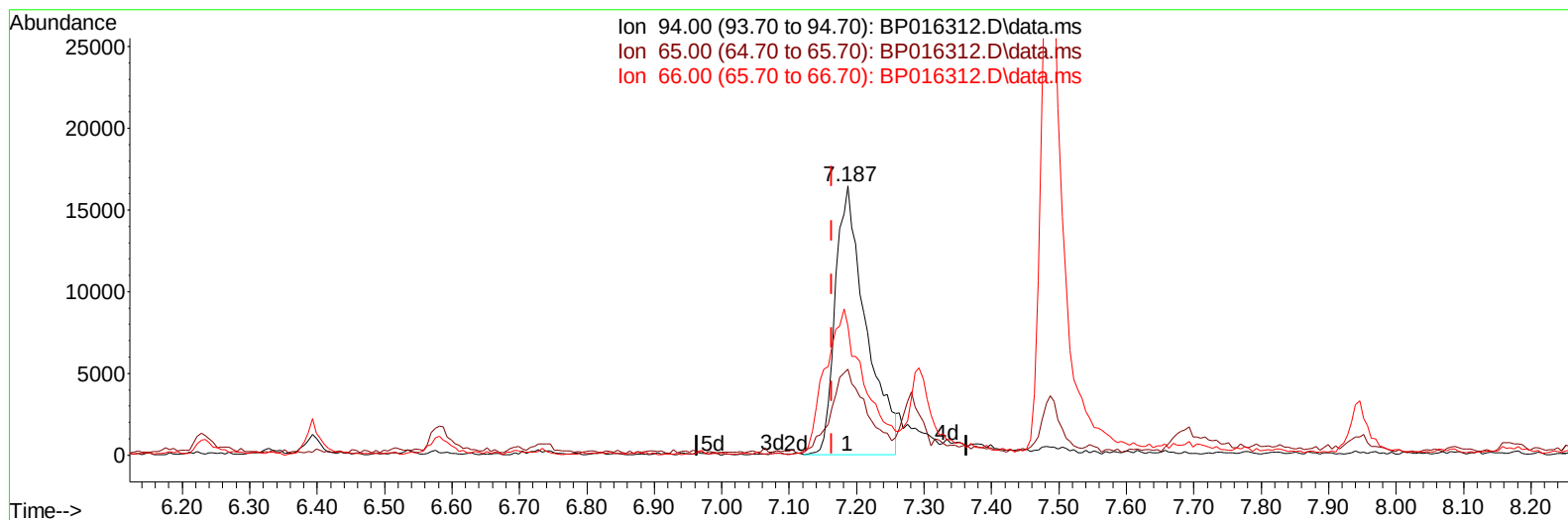
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:40 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: BP016312.D\data.ms

(8) Phenol

7.187min (+ 0.024) 2.65 ng/u1

response 51946

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	31.92
66.00	40.90	48.01
0.00	0.00	0.00

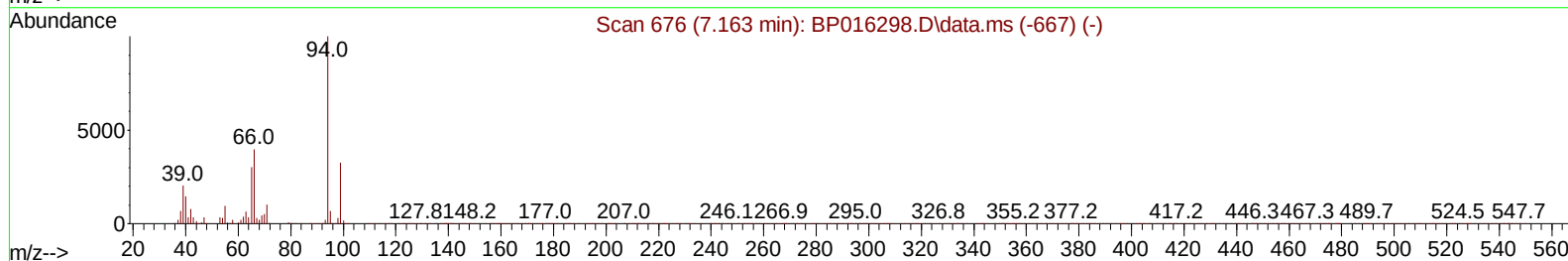
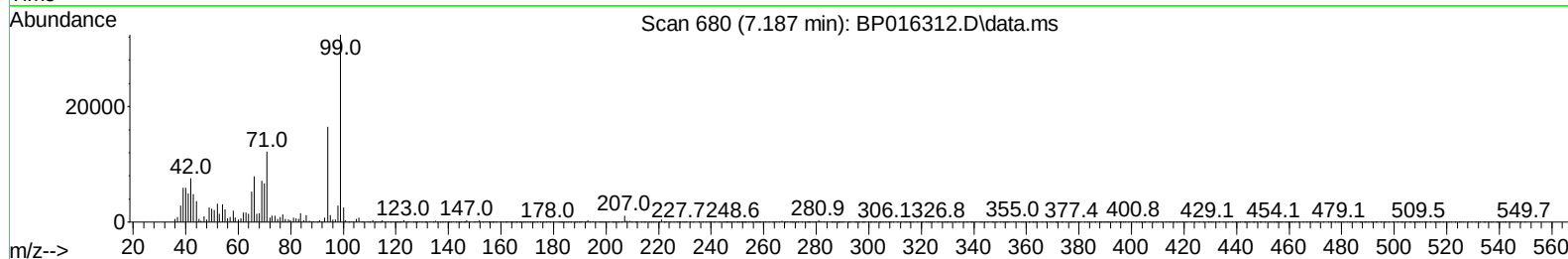
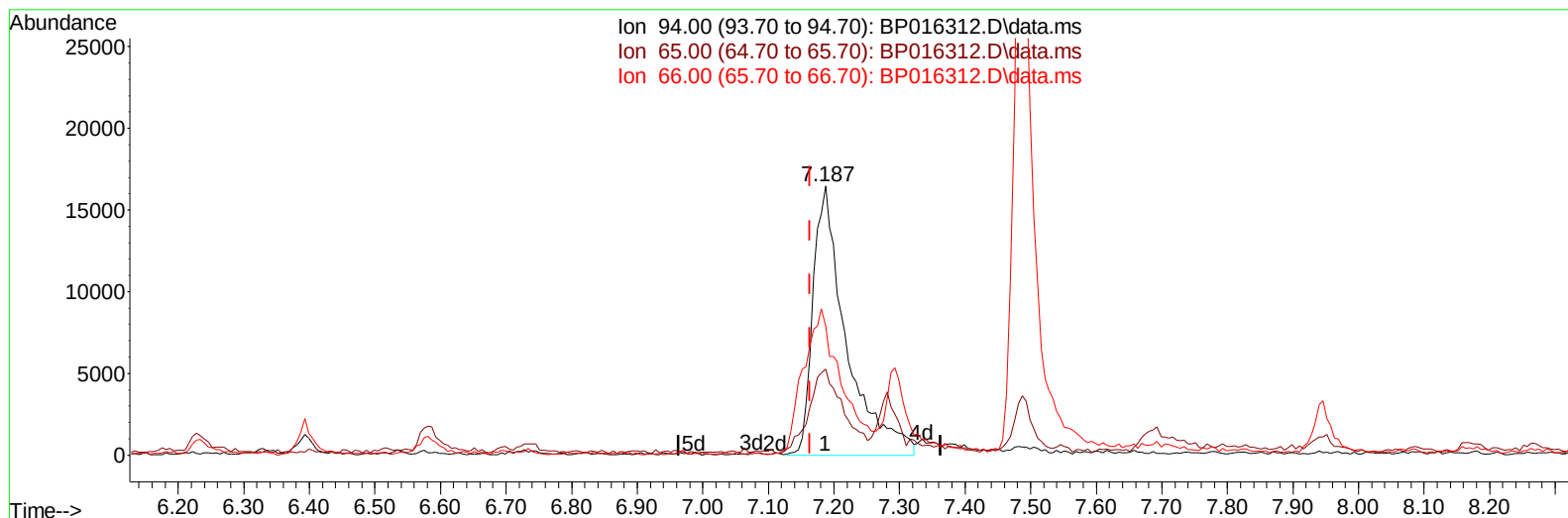
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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TIC: BP016312.D\data.ms

(8) Phenol

7.187min (+ 0.024) 2.95 ng/ul m

response 57767

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	31.92
66.00	40.90	48.01
0.00	0.00	0.00

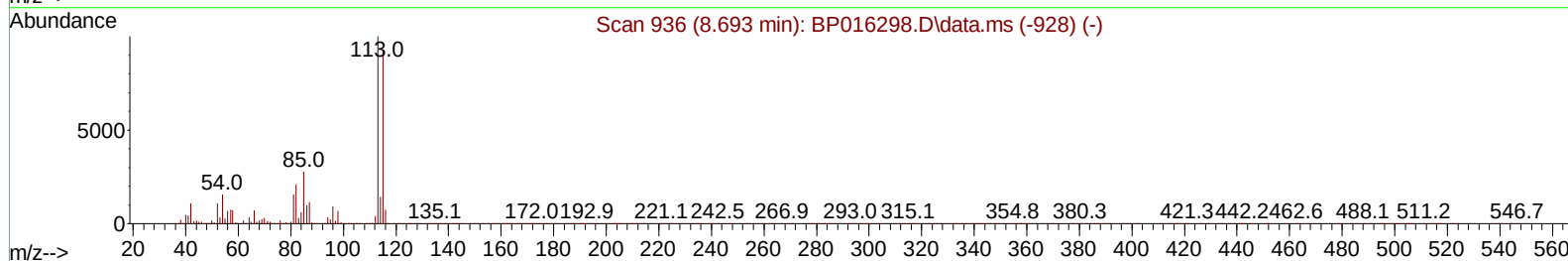
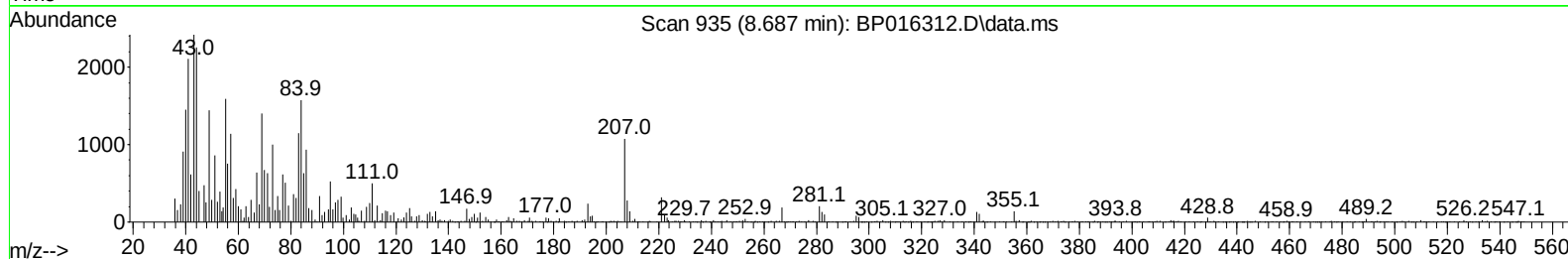
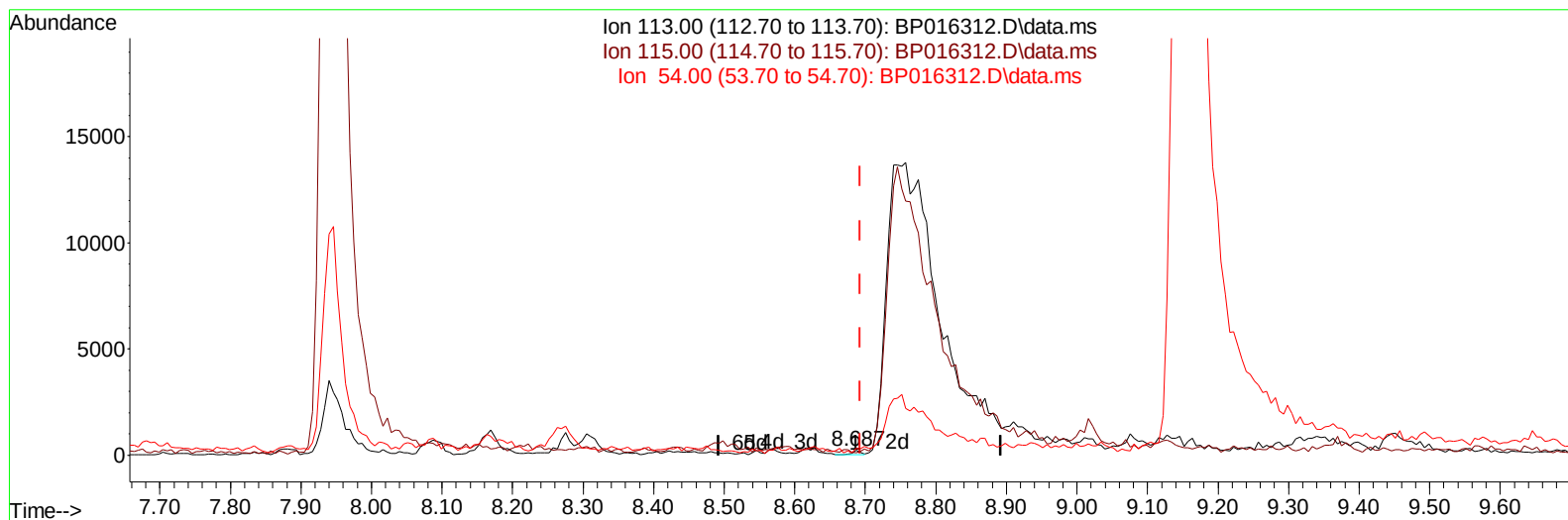
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP016312.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.687min (-0.006) 0.01 ng/u1

response 159

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	55.35#
54.00	16.30	153.95#
0.00	0.00	0.00

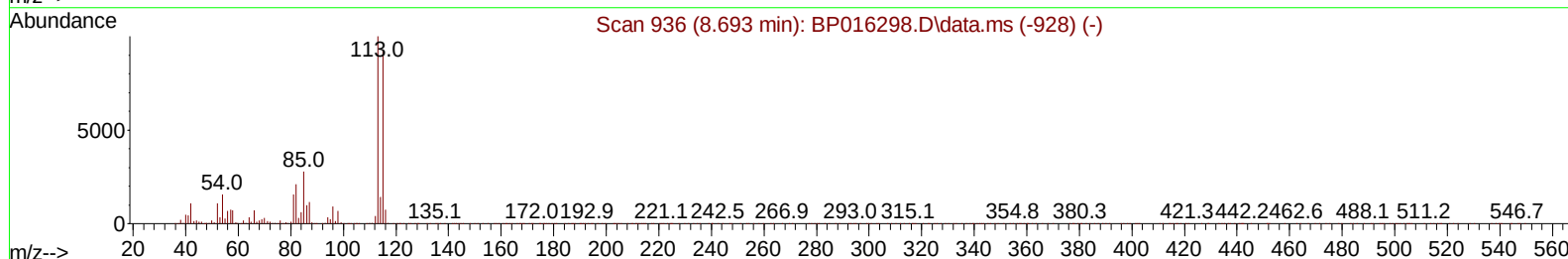
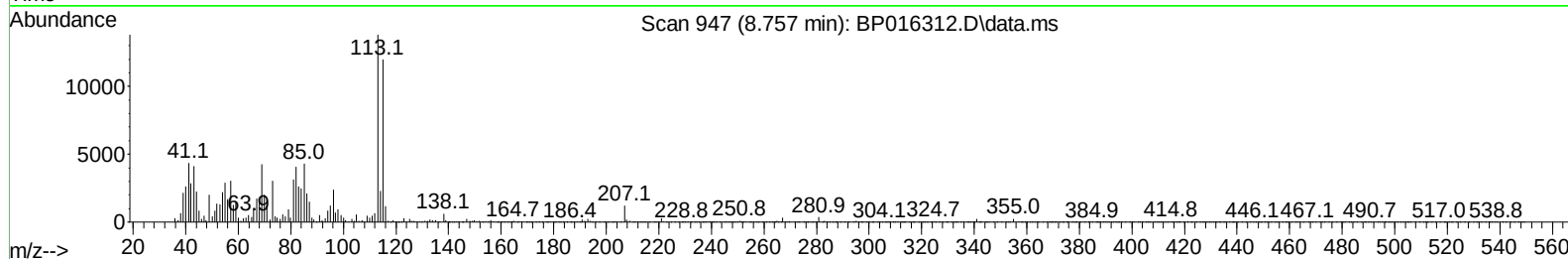
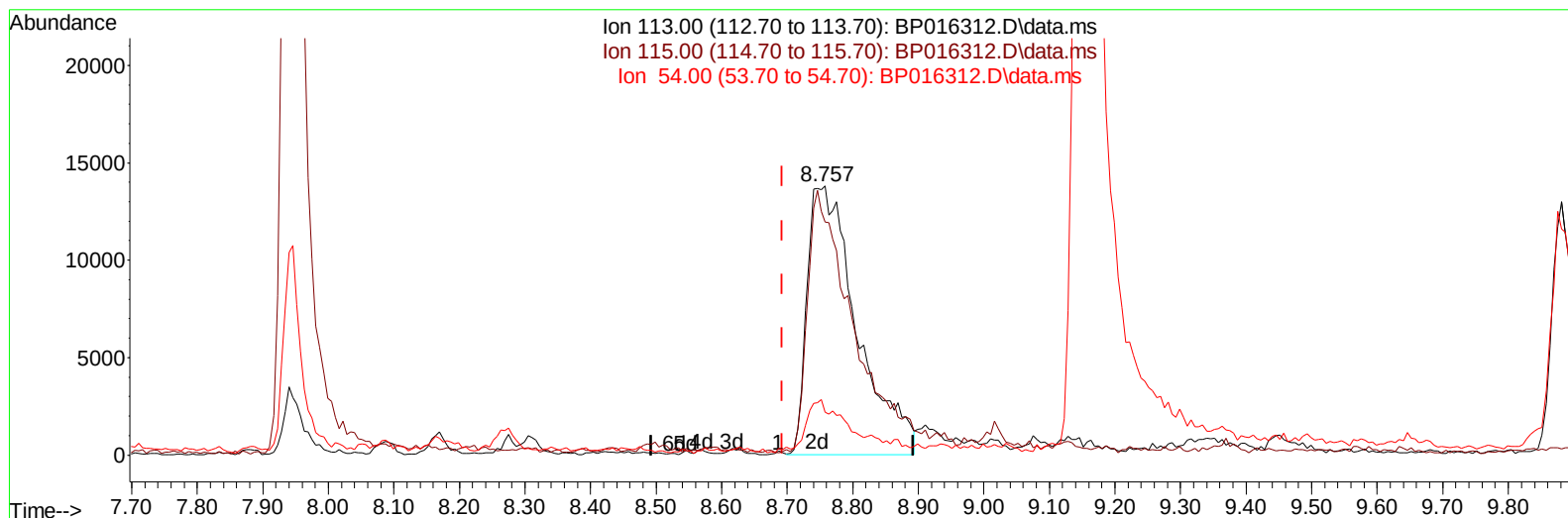
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
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Manual IntegrationsAPPROVED

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



TIC: BP016312.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.757min (+ 0.065) 4.95 ng/ul m

response 72833

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	86.64
54.00	16.30	15.93
0.00	0.00	0.00

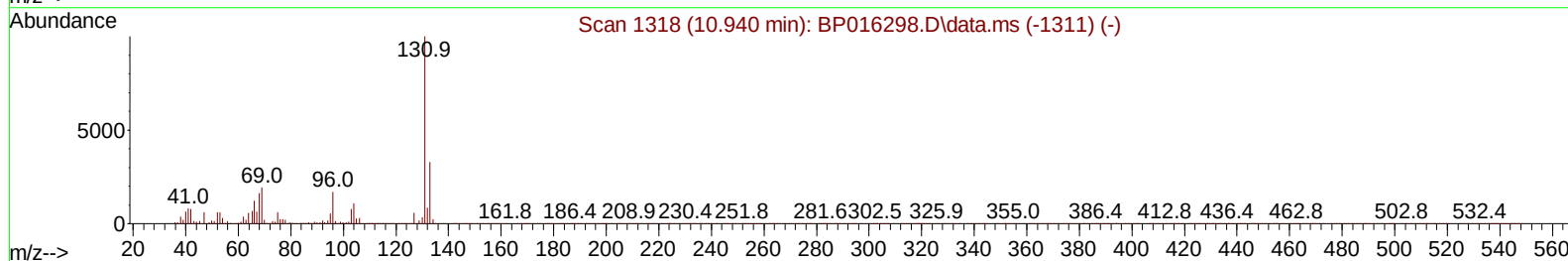
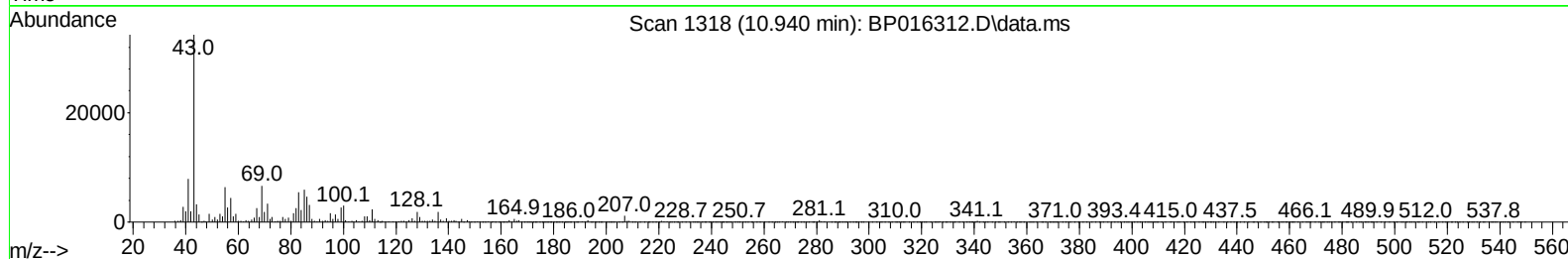
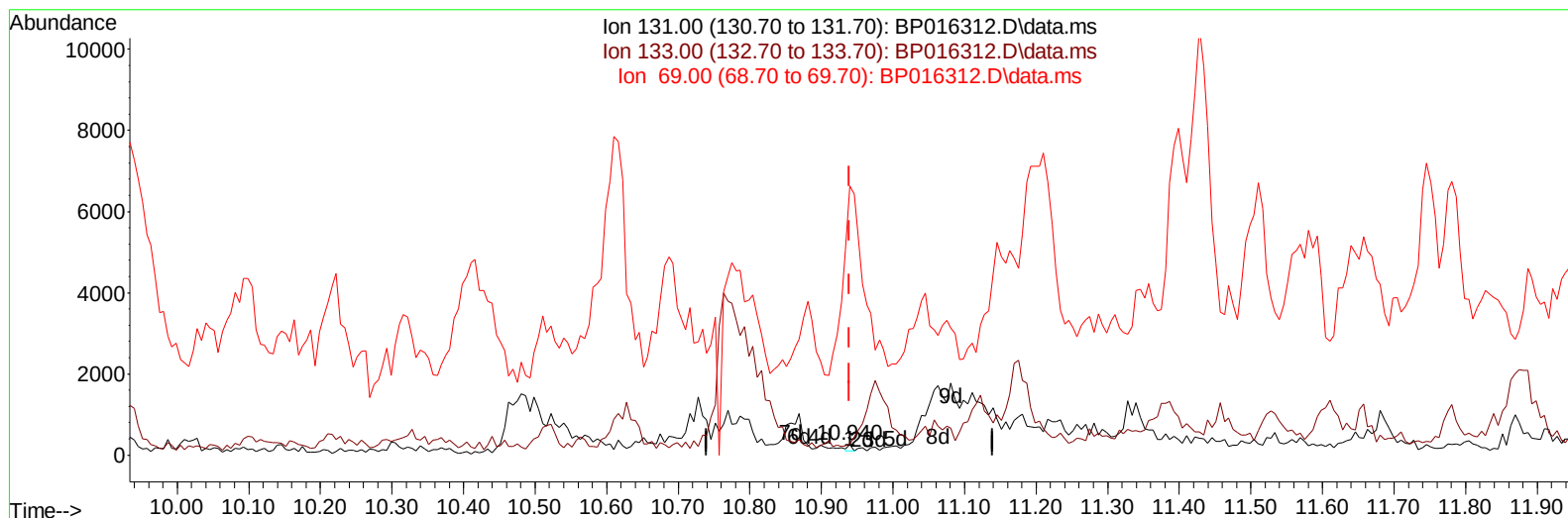
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:46:06 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: BP016312.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.940min (+ 0.000) 0.00 ng/ul

response 53

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	107.81#
69.00	21.00	2588.67#
0.00	0.00	0.00

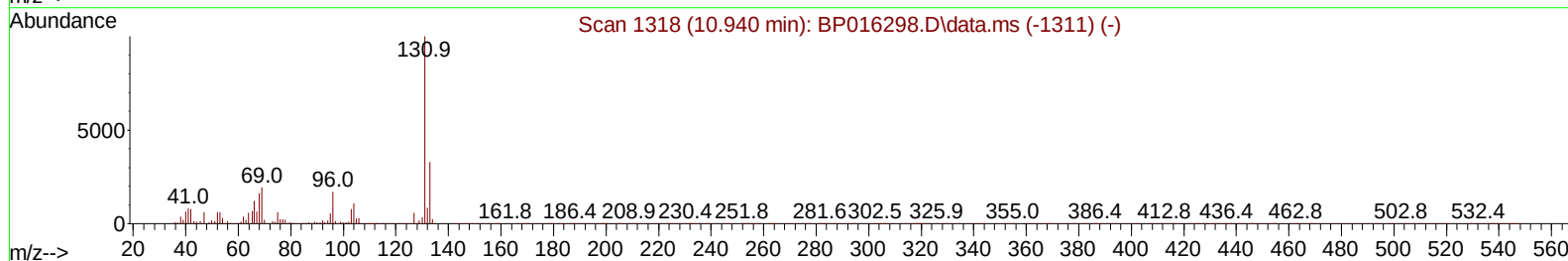
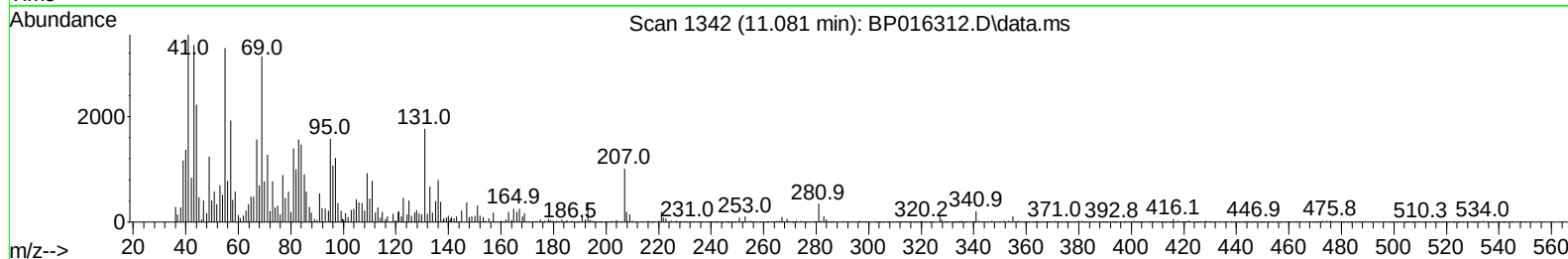
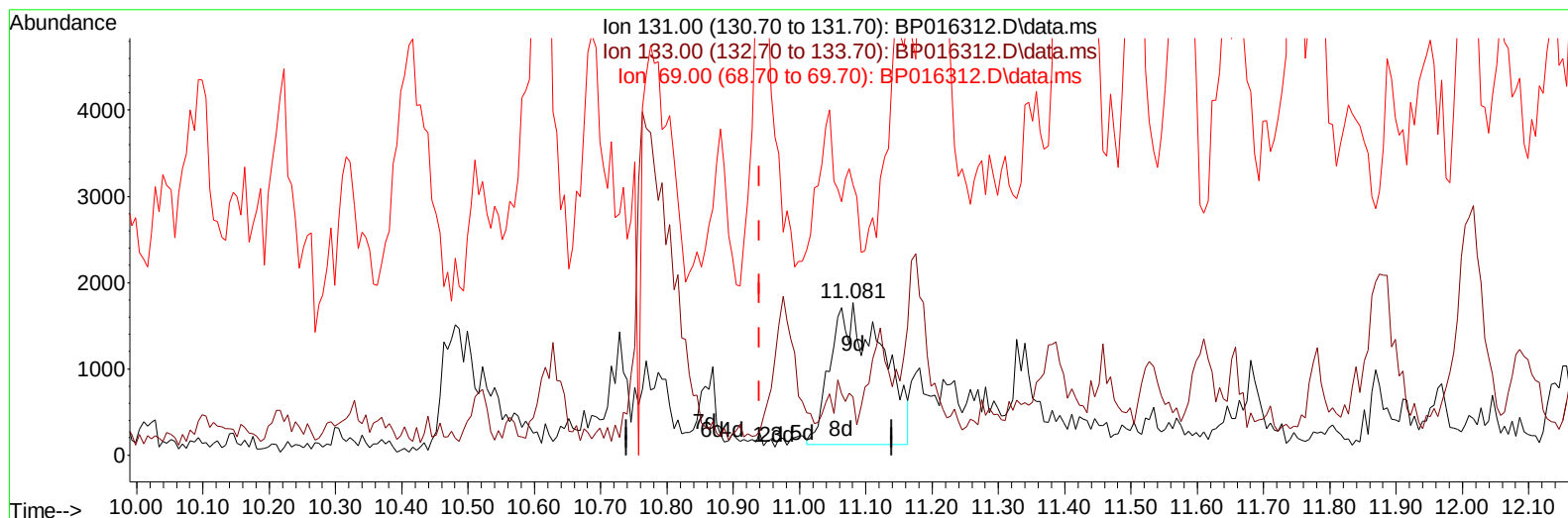
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016312.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:46:06 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: BP016312.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.081min (+ 0.141) 0.40 ng/ul m

response 8823

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	37.97#
69.00	21.00	177.65#
0.00	0.00	0.00

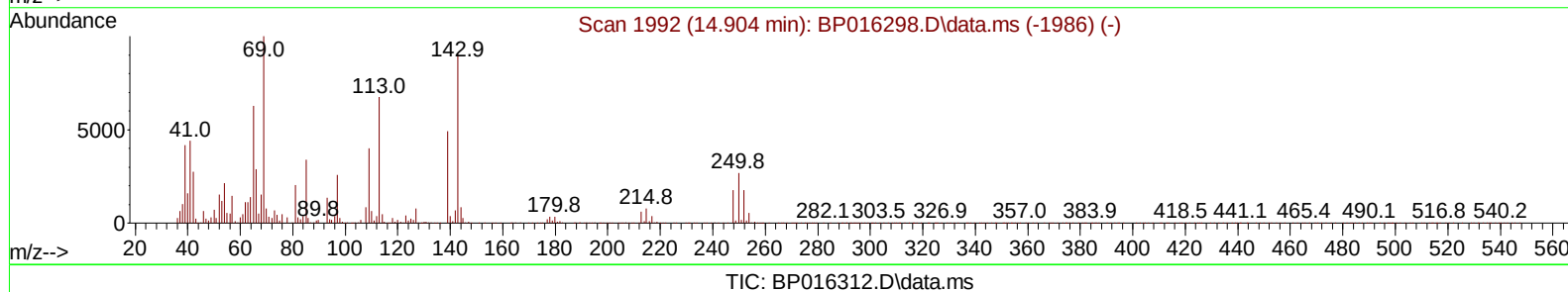
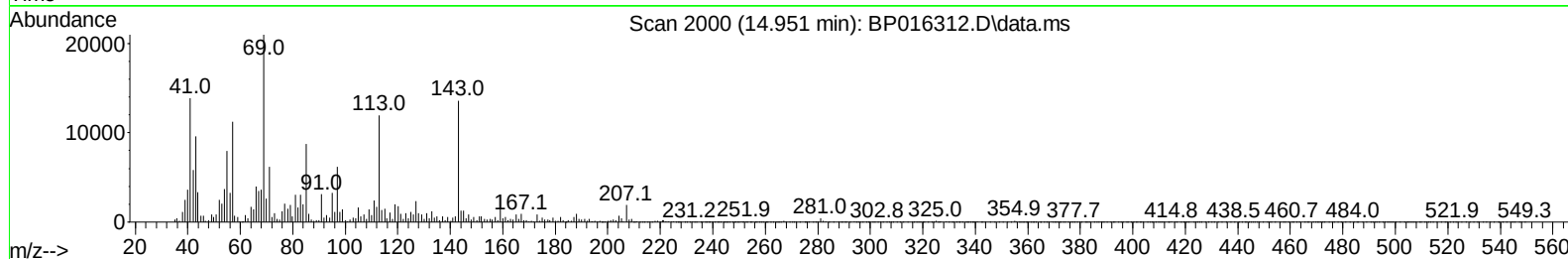
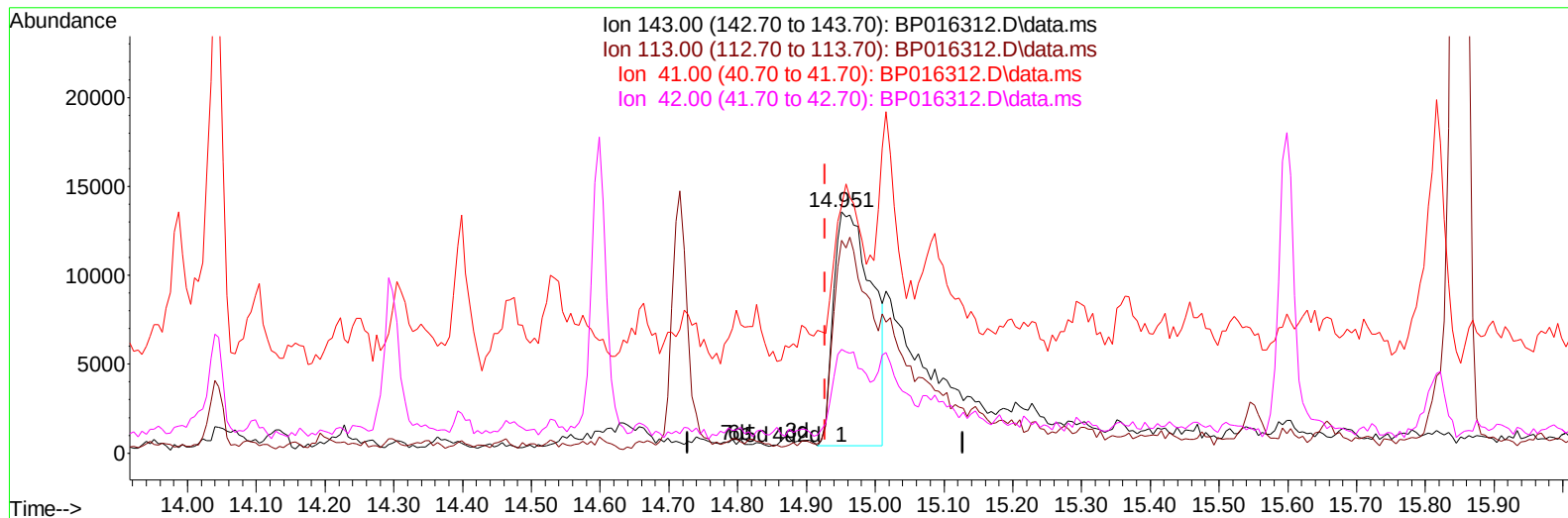
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016312.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:46:06 2023
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.024) 5.31 ng/ul

response 51227

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	88.18
41.00	49.30	102.14#
42.00	32.70	42.93#

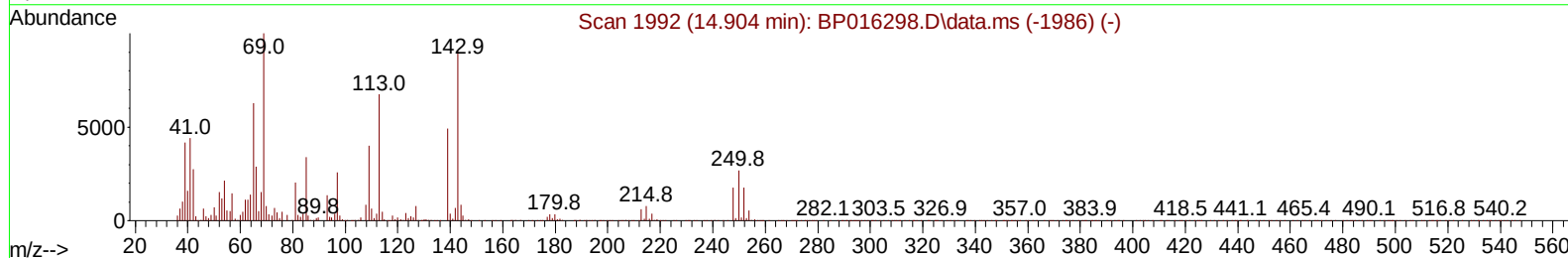
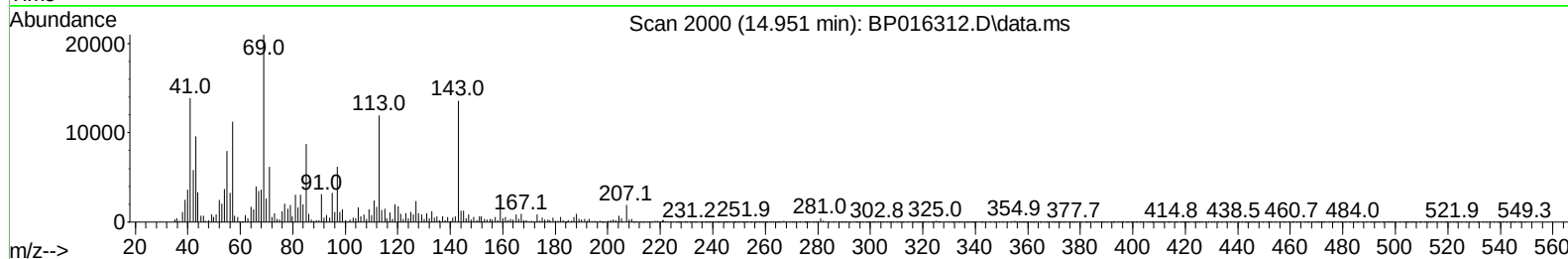
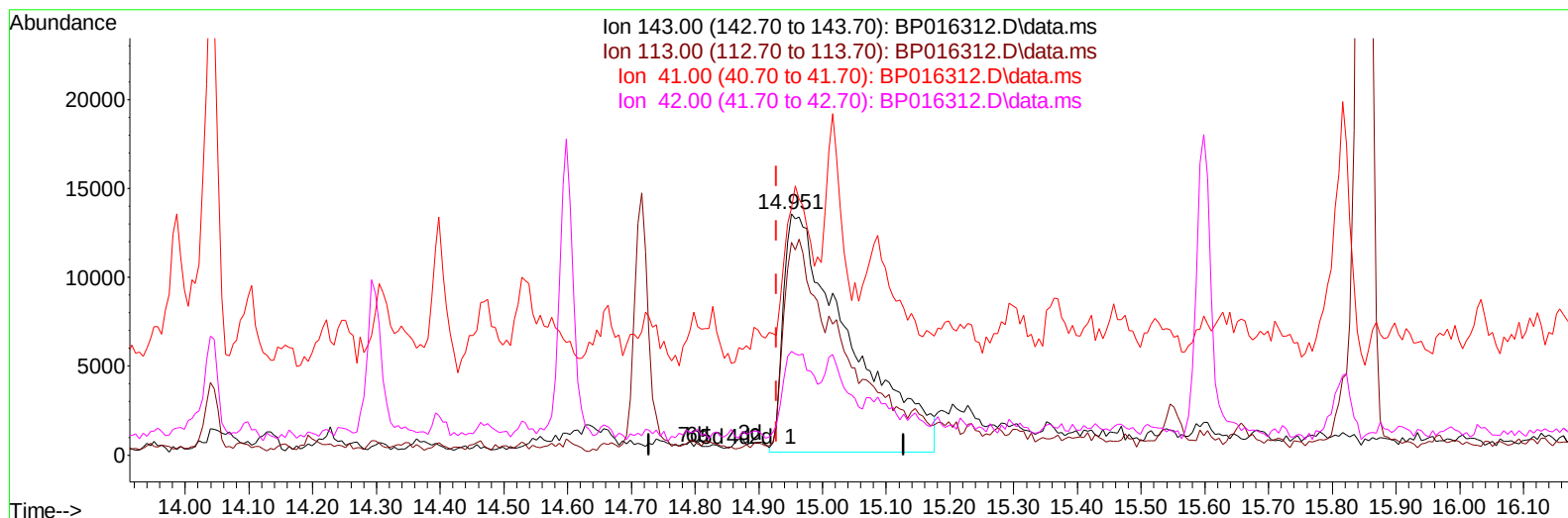
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016312.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:46:06 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: BP016312.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.024) 9.95 ng/ul m

response 96035

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	88.18
41.00	49.30	102.14#
42.00	32.70	42.93#

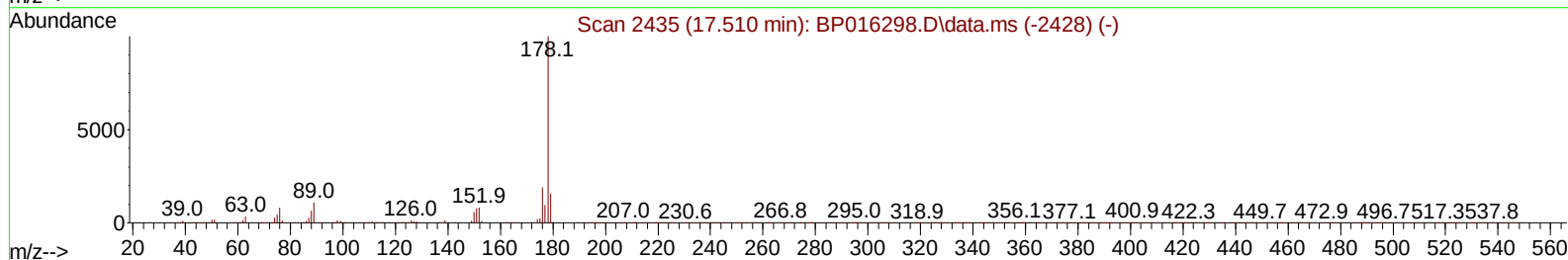
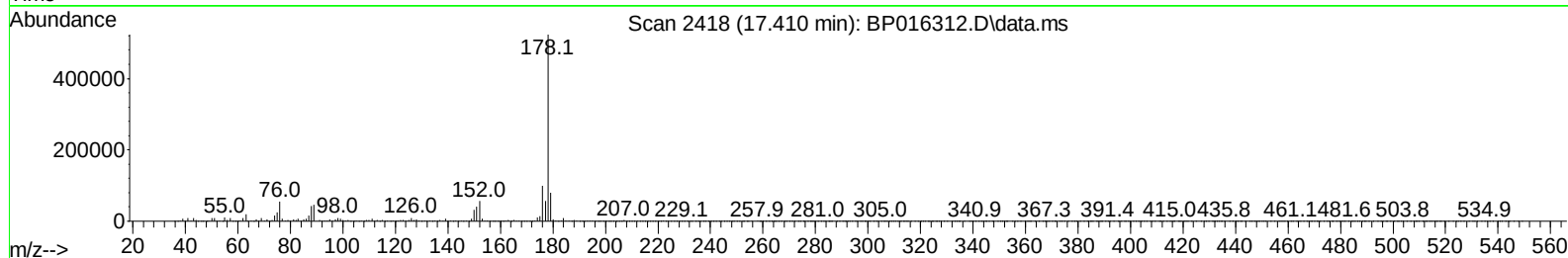
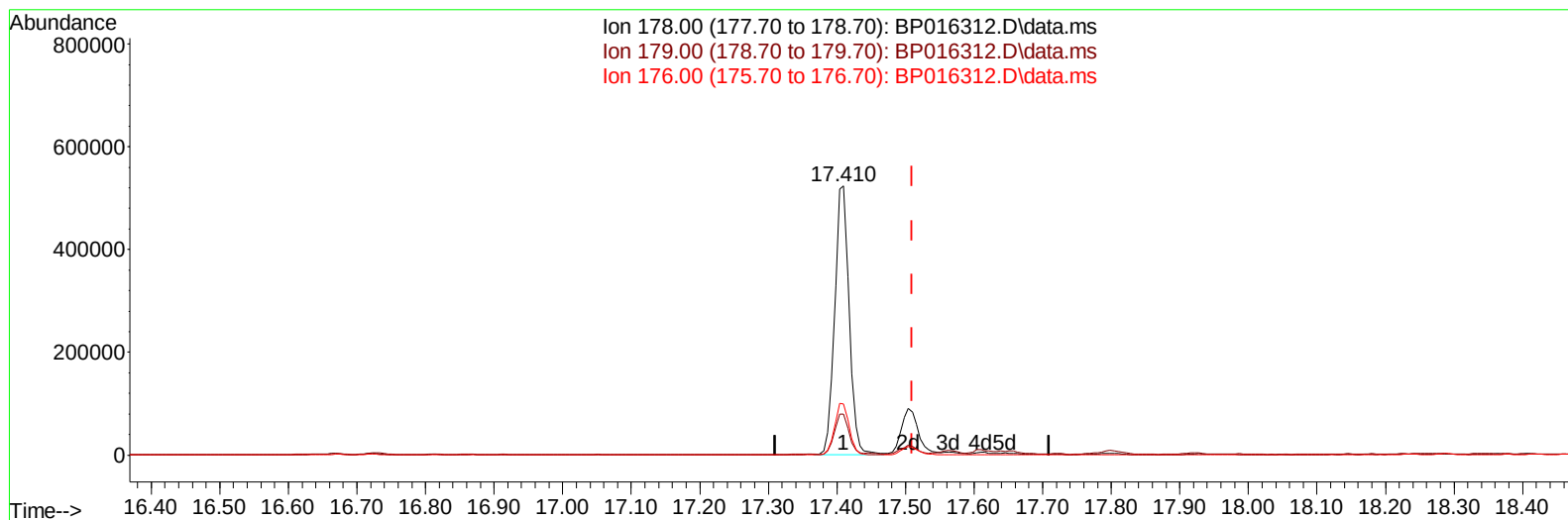
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:46:53 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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TIC: BP016312.D\data.ms

(74) Anthracene

17.410min (-0.100) 10.46 ng/u1

response 763685

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.24
176.00	18.70	19.03
0.00	0.00	0.00

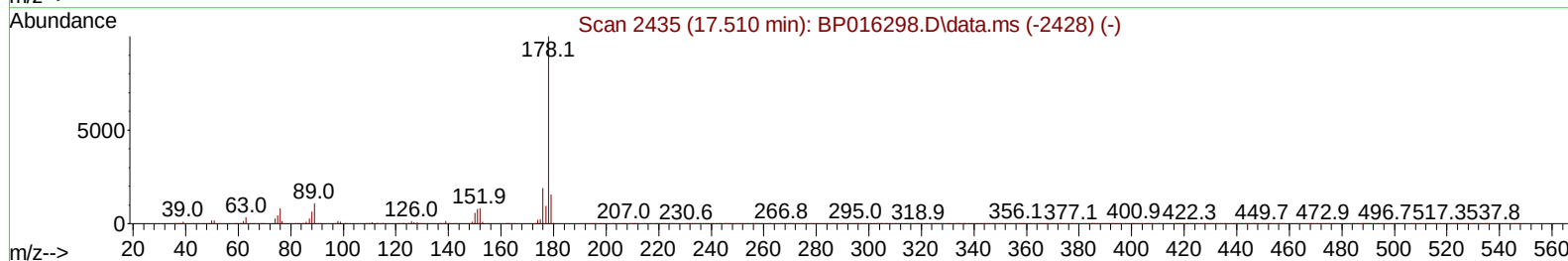
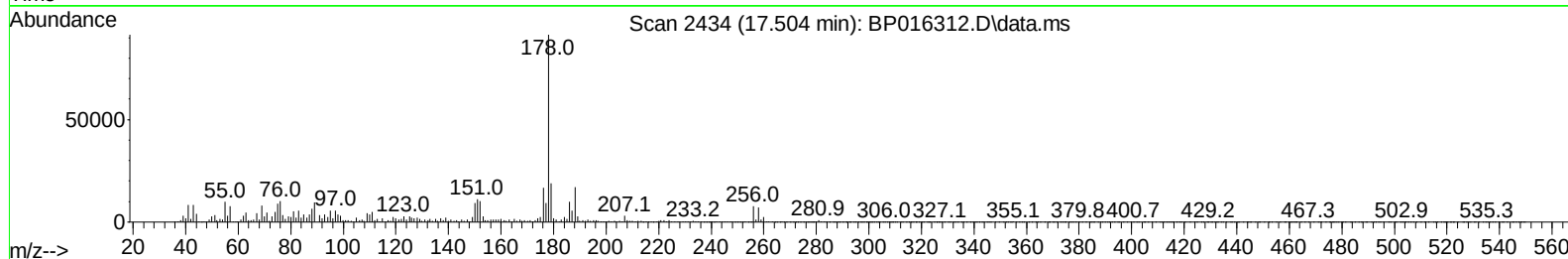
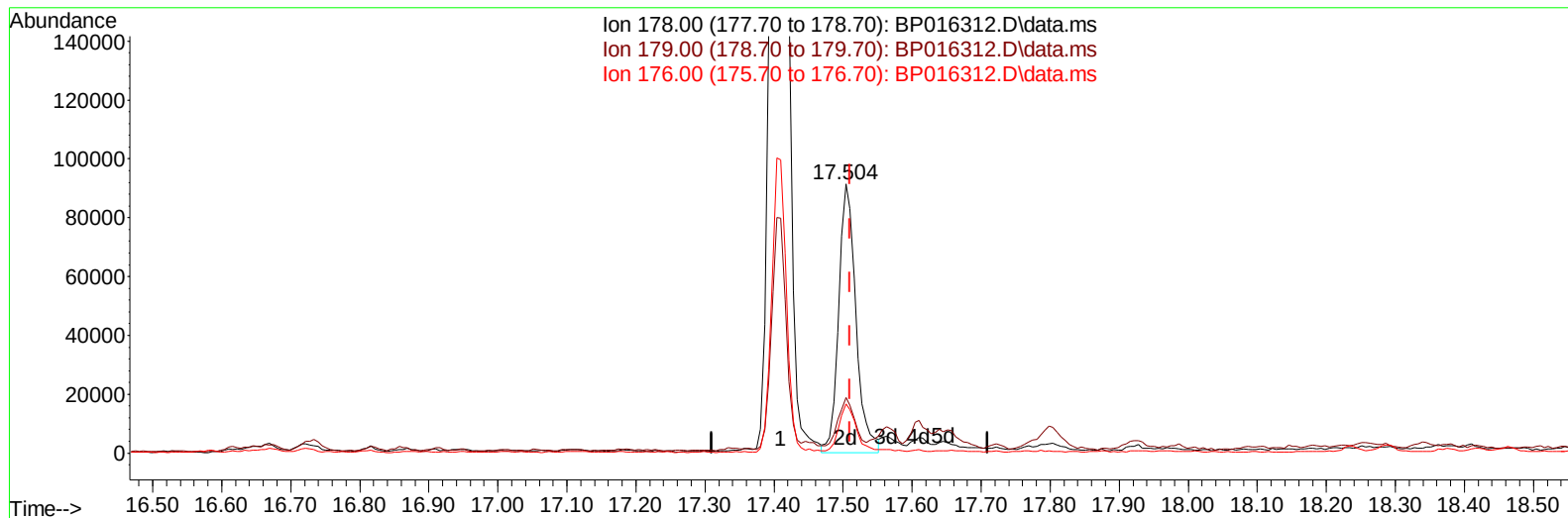
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
 Acq On : 19 Jul 2023 02:01
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual IntegrationsAPPROVED

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TIC: BP016312.D\data.ms

(74) Anthracene

17.504min (-0.006) 2.16 ng/ul m

response 157903

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	20.63#
176.00	18.70	18.36
0.00	0.00	0.00

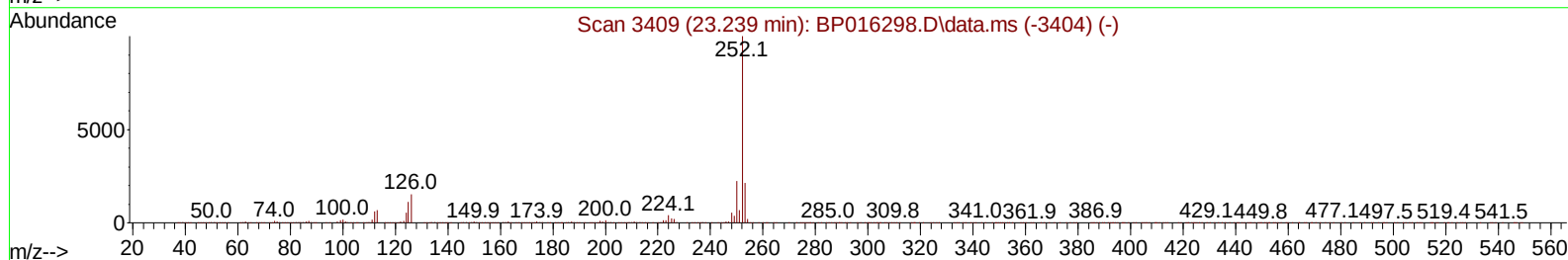
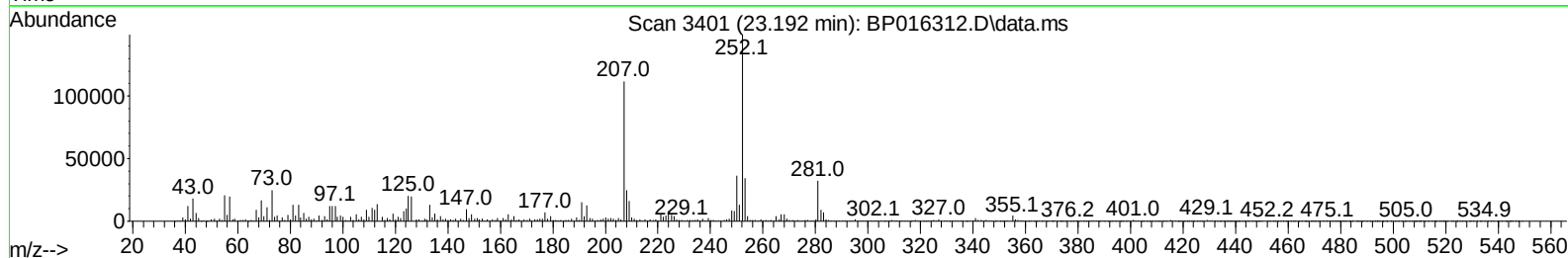
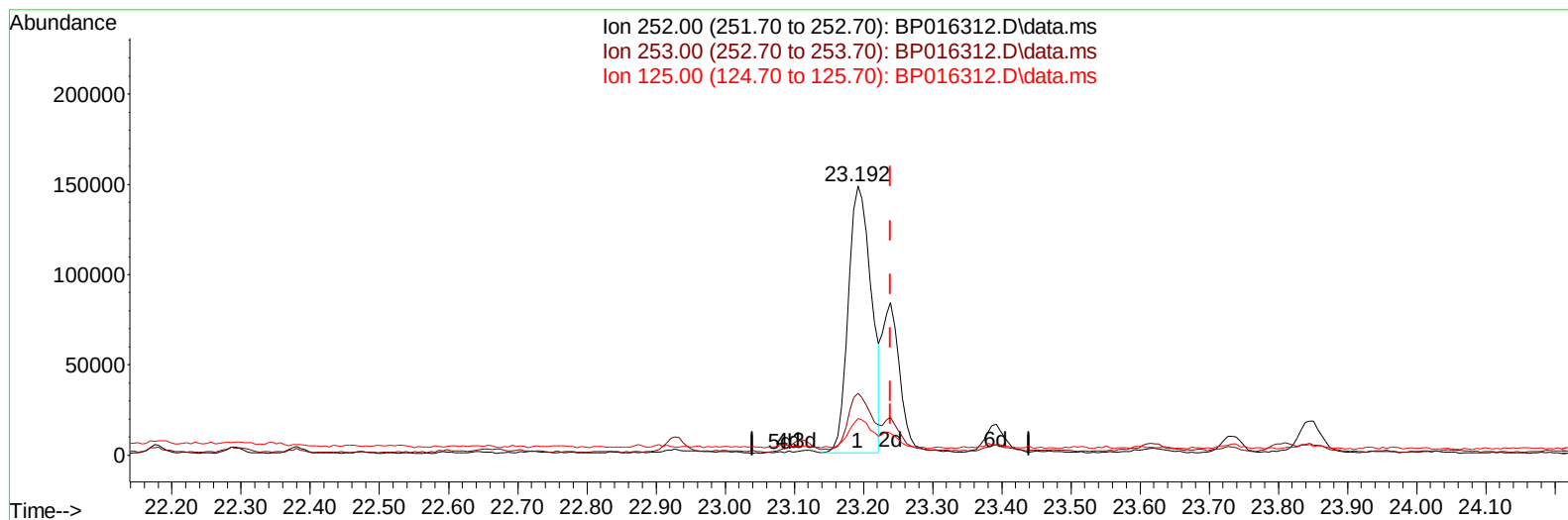
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TIC: BP016312.D\data.ms

(91) Benzo(k)fluoranthene

23.192min (-0.047) 7.08 ng/u1

response 342481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.08
125.00	11.60	13.62
0.00	0.00	0.00

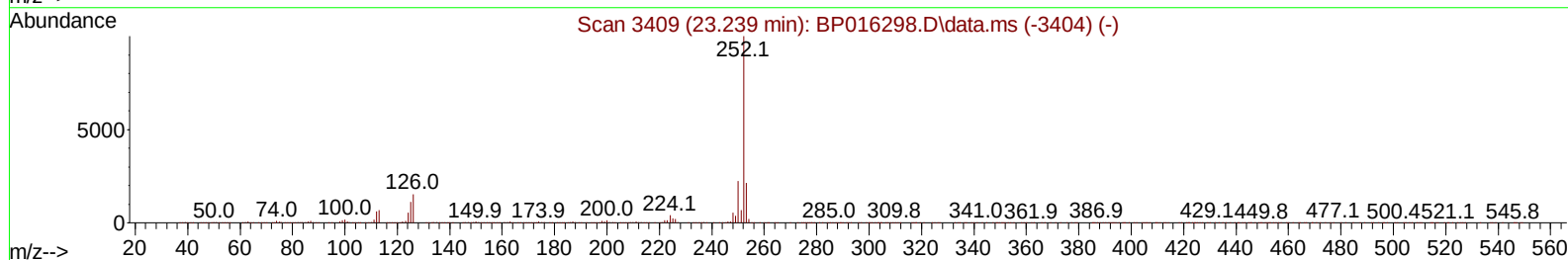
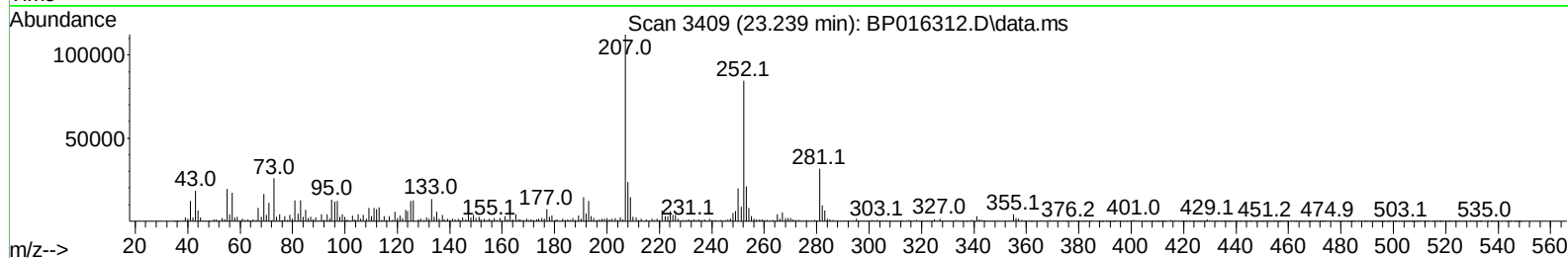
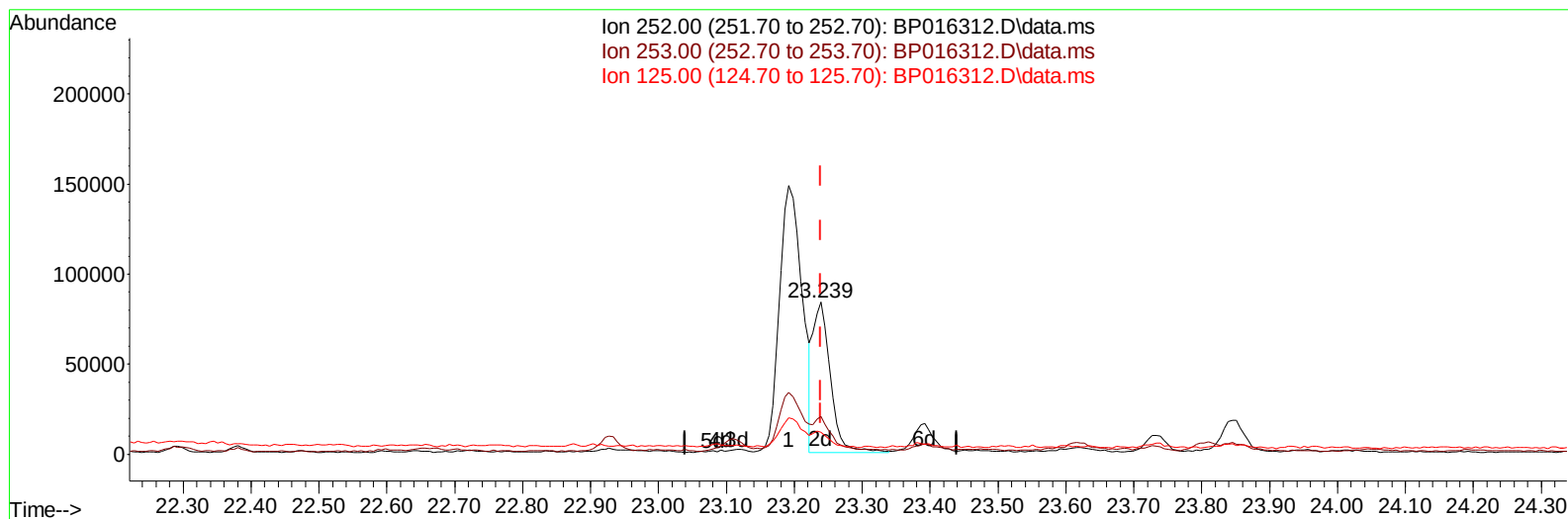
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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Instrument :
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TIC: BP016312.D\data.ms

(91) Benzo(k)fluoranthene

23.239min (+ 0.000) 3.10 ng/ul m

response 150024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.95
125.00	11.60	14.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016312.D
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 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 03:47:50 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	7.946	152	202367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1010975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	619810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	1394827	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	1126652	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	832411	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18569	3.247	ng/uL	0.00
4) Pyridine-d5	3.740	84	75194	5.272	ng/ul	0.01
7) Phenol-d5	7.152	99	258285	14.130	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	209765	16.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	224797	17.036	ng/ul	0.01
15) 4-Methylphenol-d8	8.757	113	72833m	4.946	ng/ul	0.06
21) Nitrobenzene-d5	9.152	128	125740	18.028	ng/ul	0.01
24) 2-Nitrophenol-d4	9.875	143	130882	16.465	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.481	165	193476	14.055	ng/ul	0.05
31) 4-Chloroaniline-d4	11.081	131	8823m	0.400	ng/ul	0.14
46) Dimethylphthalate-d6	14.016	166	893193	18.892	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	845419	16.316	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	96035m	9.953	ng/ul	0.02
60) Fluorene-d10	15.598	176	776570	19.626	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	47266	5.870	ng/ul	0.02
73) Anthracene-d10	17.469	188	905326	14.838	ng/ul	0.00
81) Pyrene-d10	19.704	212	540455	9.245	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	148545	3.716	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.187	94	57767m	2.948	ng/ul	
16) Acetophenone	8.816	105	111392	4.588	ng/ul	95
52) Acenaphthene	14.663	153	52728	1.310	ng/ul	98
61) Fluorene	15.657	166	73176	1.598	ng/ul	95
72) Phenanthrene	17.410	178	762480	10.491	ng/ul	99
74) Anthracene	17.504	178	157903m	2.162	ng/ul	
80) Fluoranthene	19.375	202	1163120	17.014	ng/ul	99
82) Pyrene	19.733	202	397264	5.443	ng/ul	99
85) Benzo(a)anthracene	21.445	228	475191	6.477	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.321	149	375657	7.989	ng/ul	100
87) Chrysene	21.504	228	435412	5.858	ng/ul	97
90) Benzo(b)fluoranthene	23.192	252	342624	7.206	ng/ul	96
91) Benzo(k)fluoranthene	23.239	252	150024m	3.100	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016312.D
Acq On : 19 Jul 2023 02:01
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 03:47:50 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

