

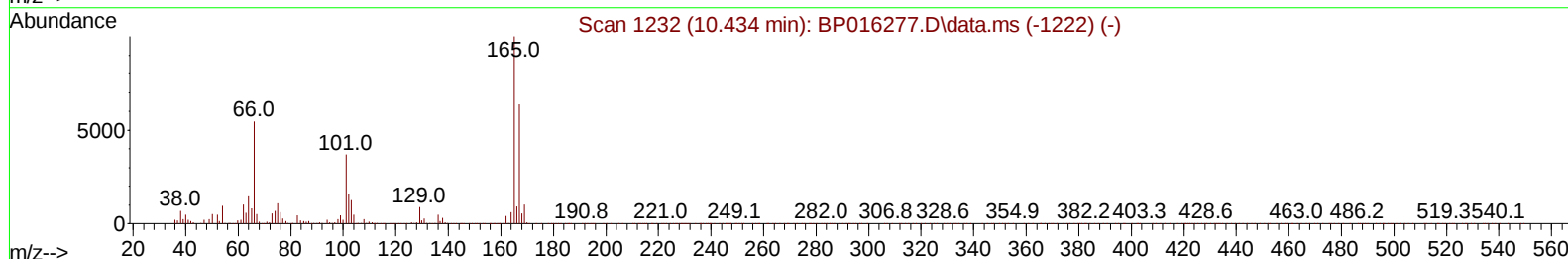
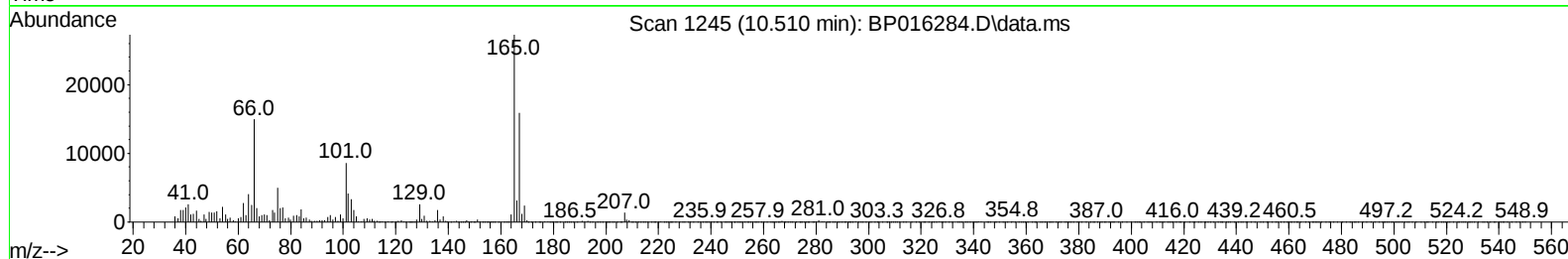
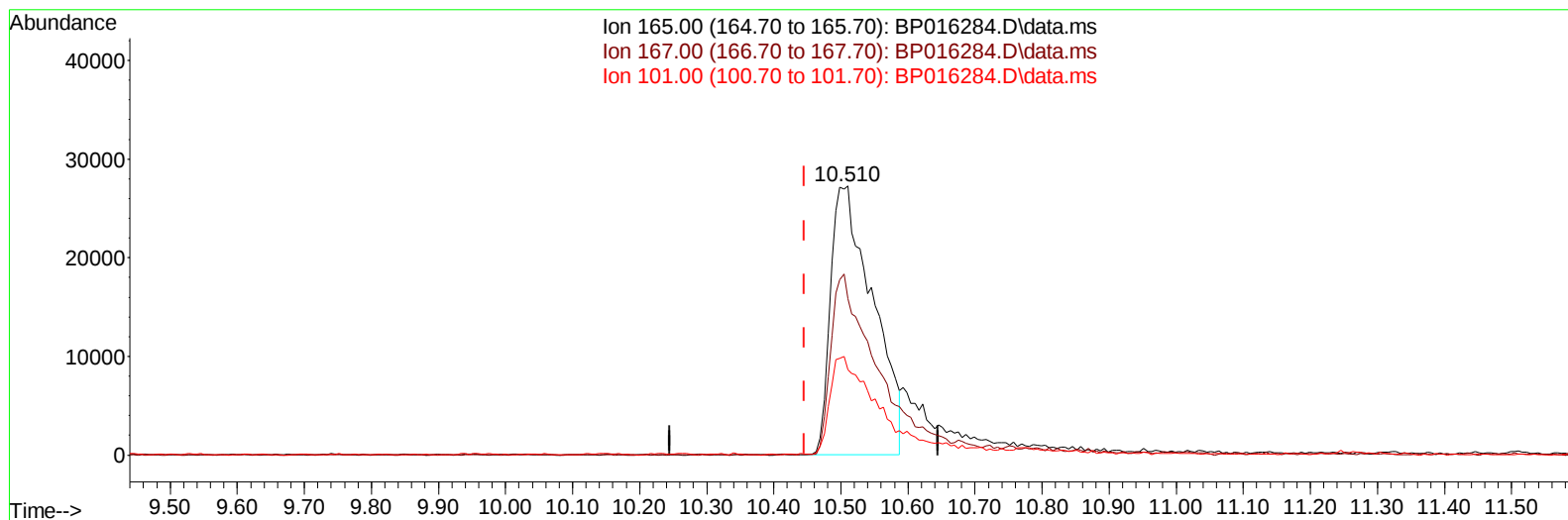
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:33:42 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

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

10.510min (+ 0.065) 9.90 ng/u1

response 119128

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	58.16
101.00	38.50	31.66
0.00	0.00	0.00

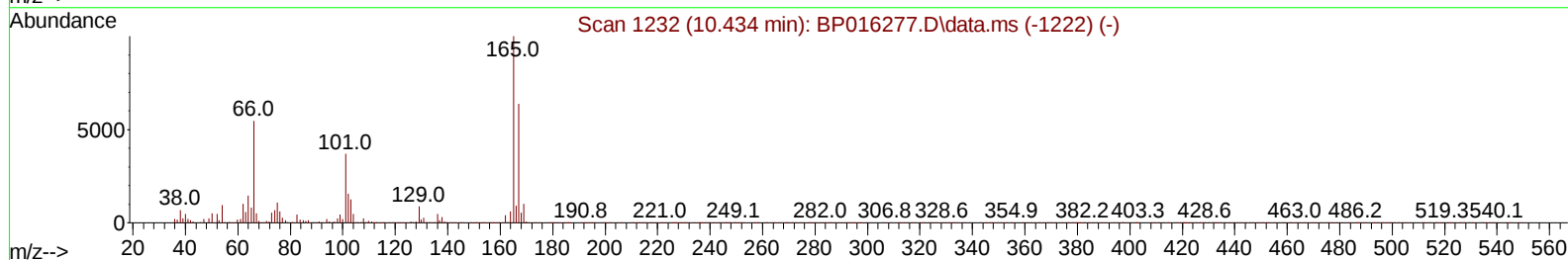
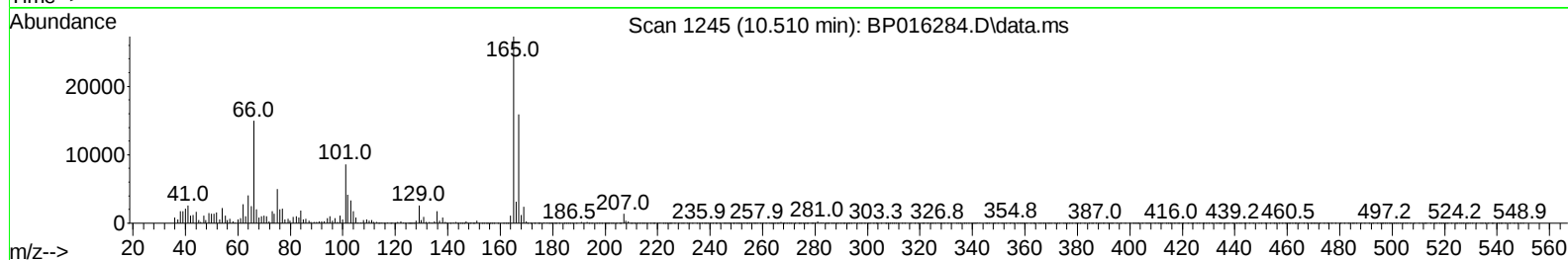
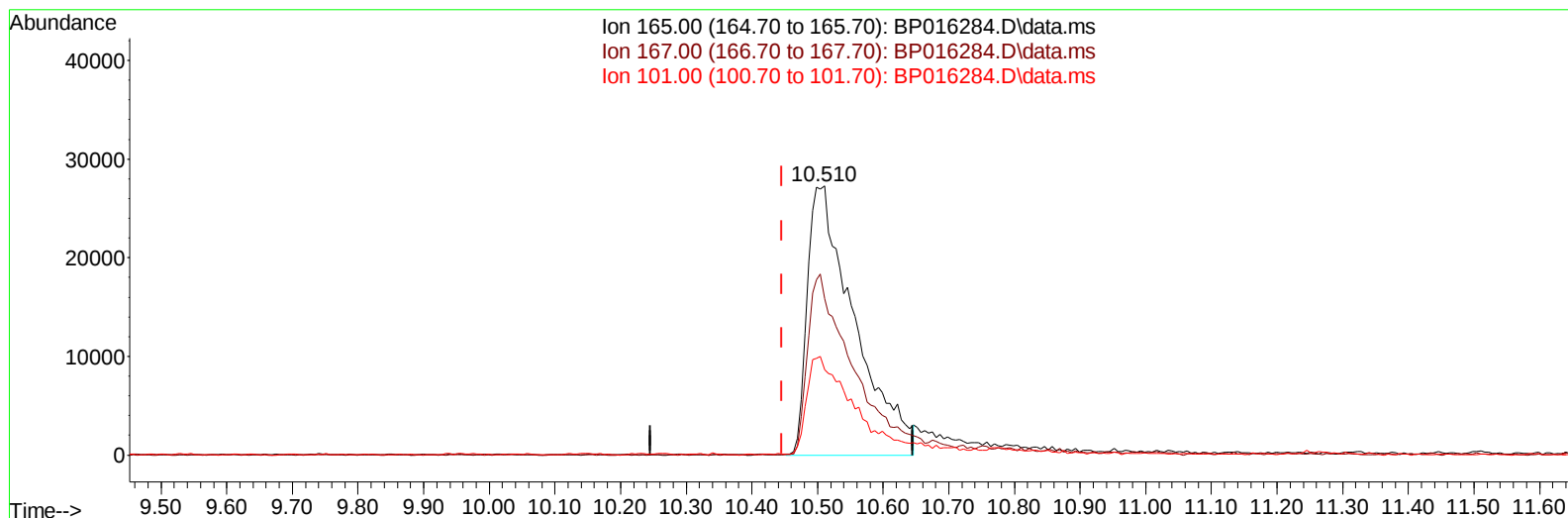
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:33:42 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

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

10.510min (+ 0.065) 11.25 ng/ul m

response 135373

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	58.16
101.00	38.50	31.66
0.00	0.00	0.00

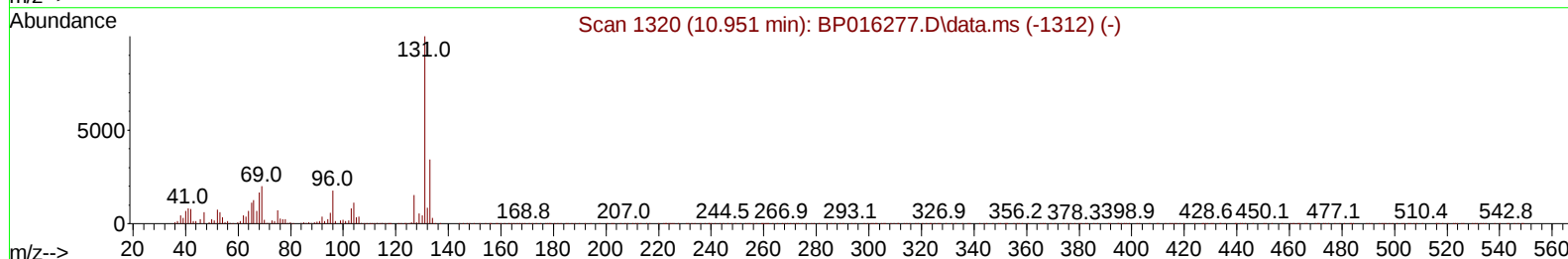
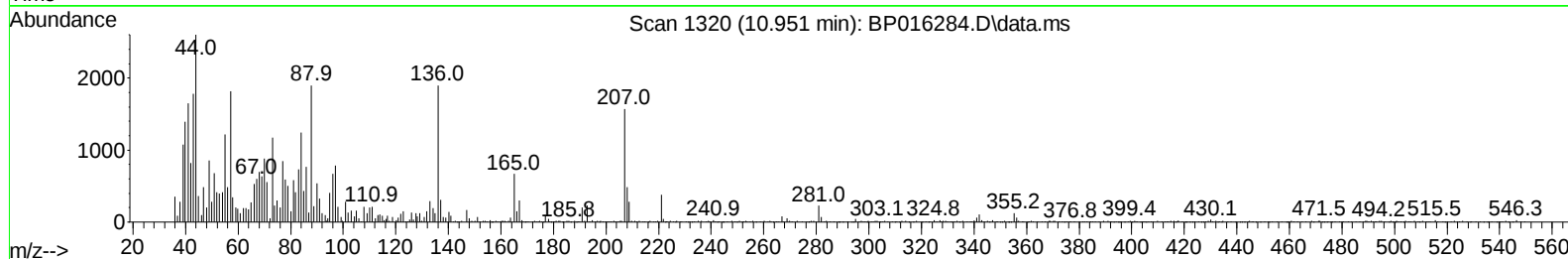
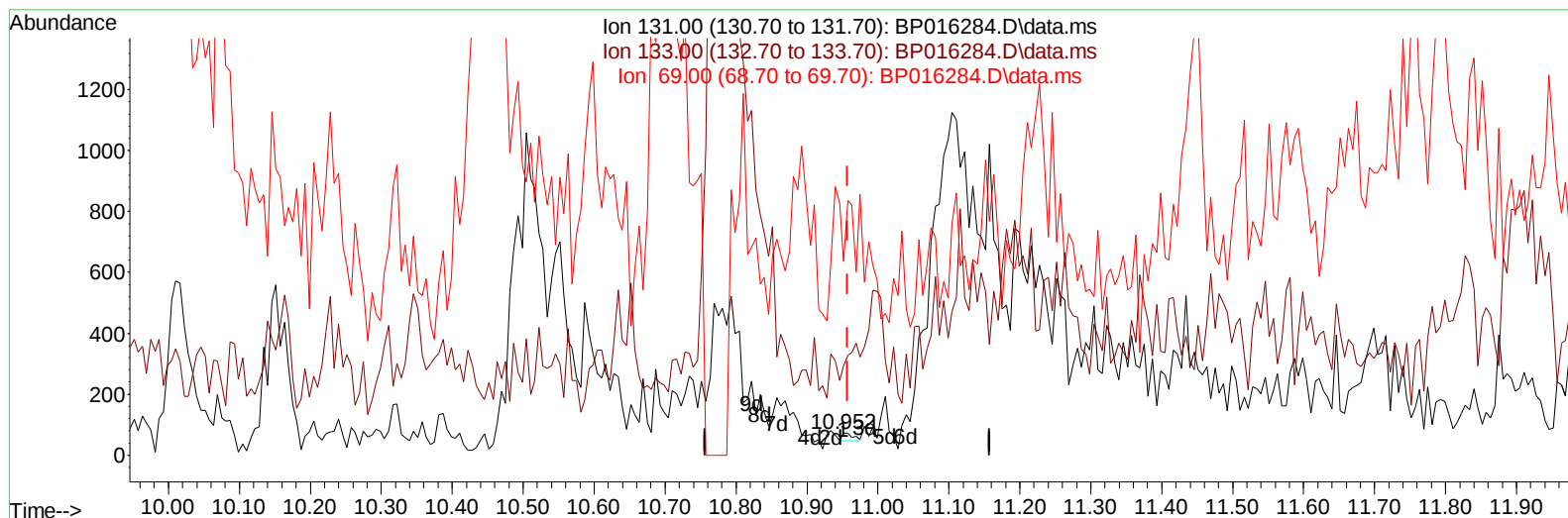
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.951min (-0.006) 0.00 ng/u1

response 29

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	408.33#
69.00	21.00	884.72#
0.00	0.00	0.00

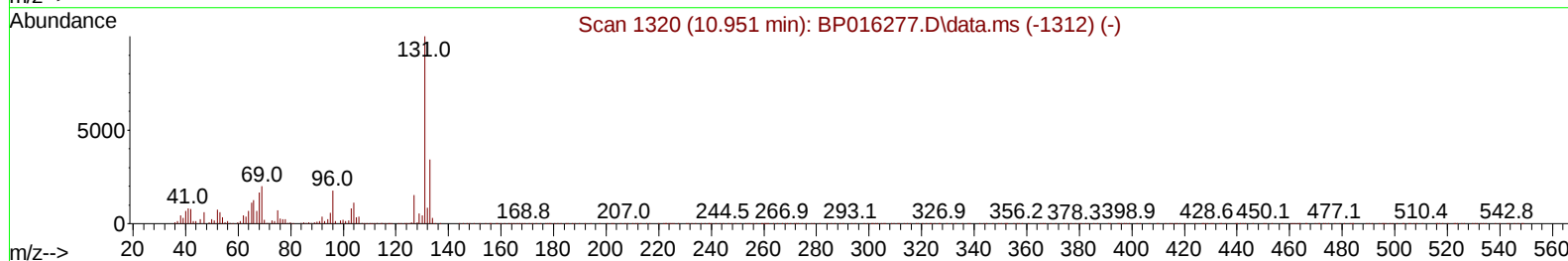
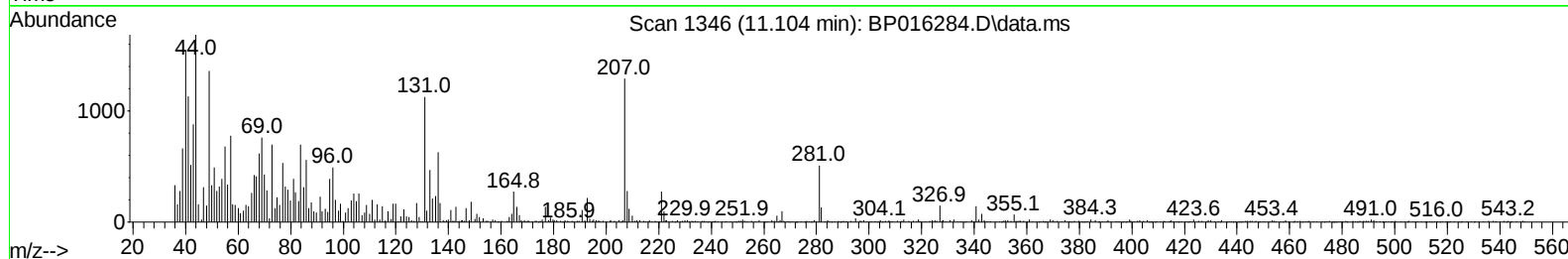
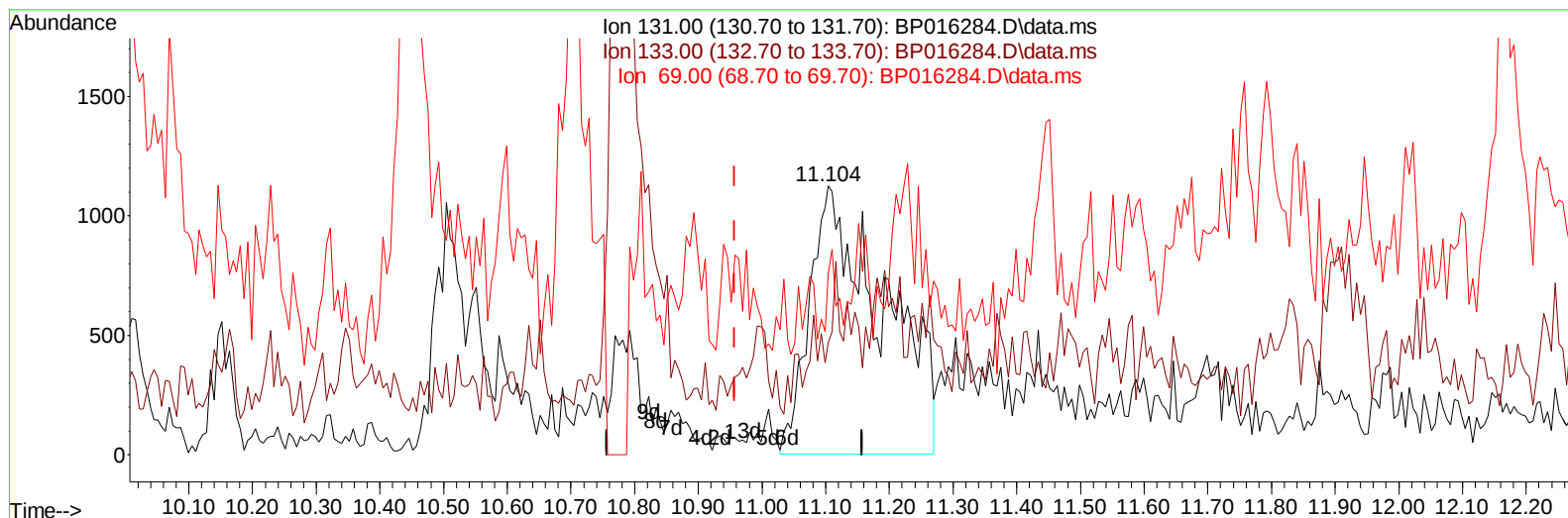
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.104min (+ 0.147) 0.47 ng/ul m

response 8977

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	41.87#
69.00	21.00	67.64#
0.00	0.00	0.00

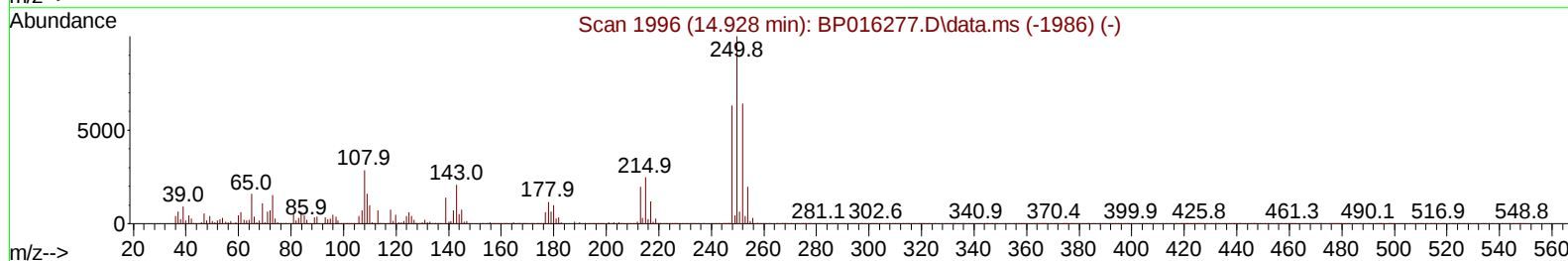
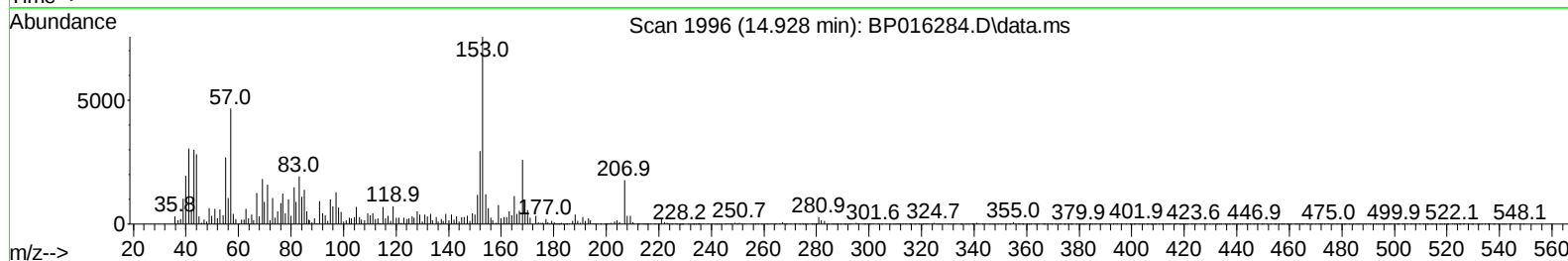
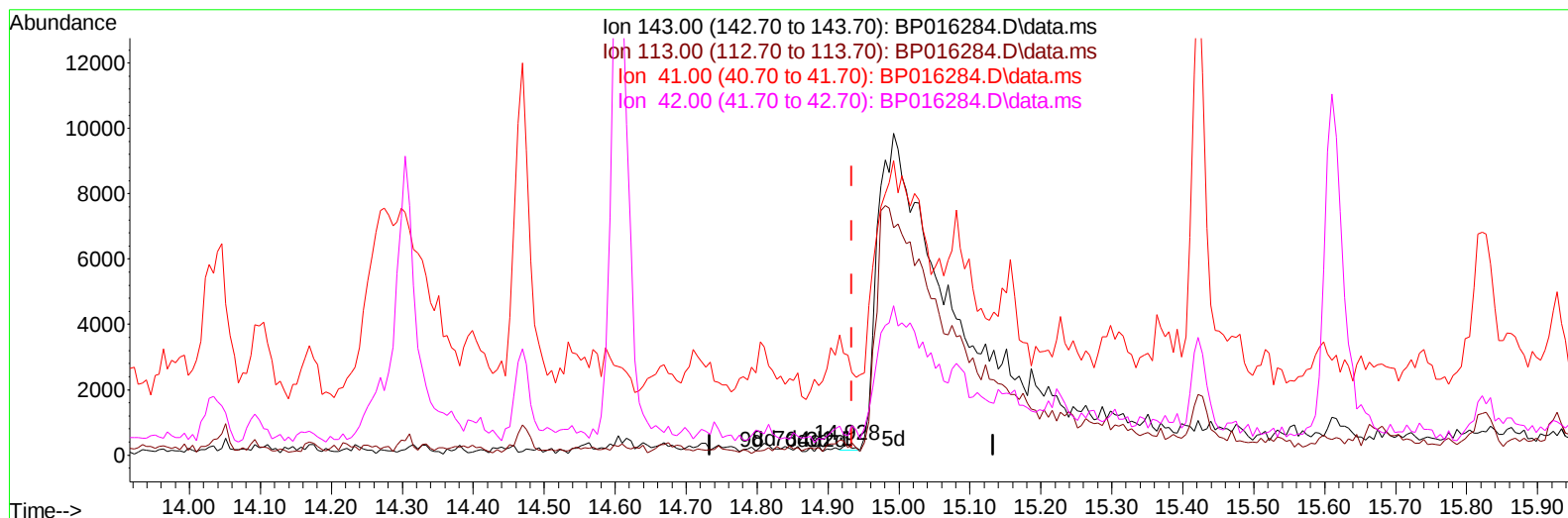
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.928min (-0.006) 0.02 ng/u1

response 161

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	70.61
41.00	49.30	975.40#
42.00	32.70	187.86#

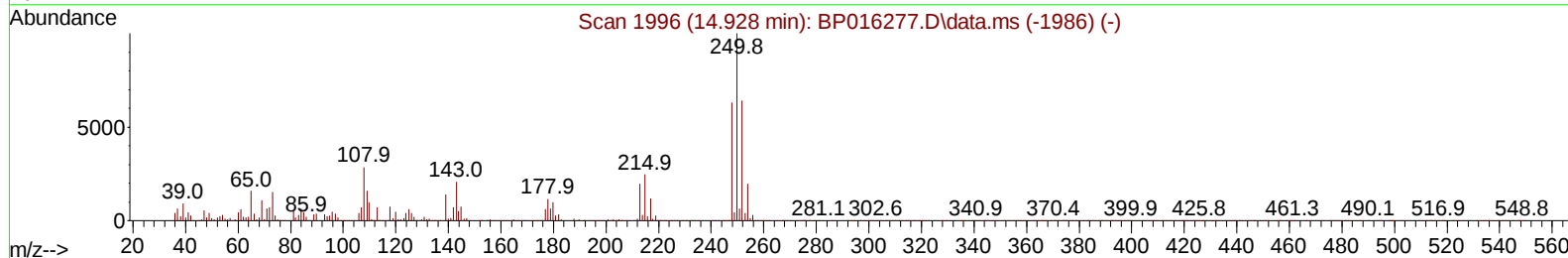
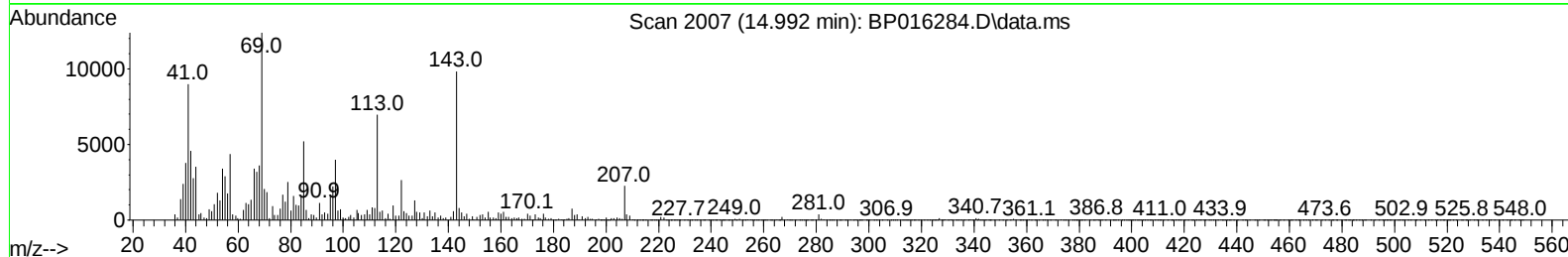
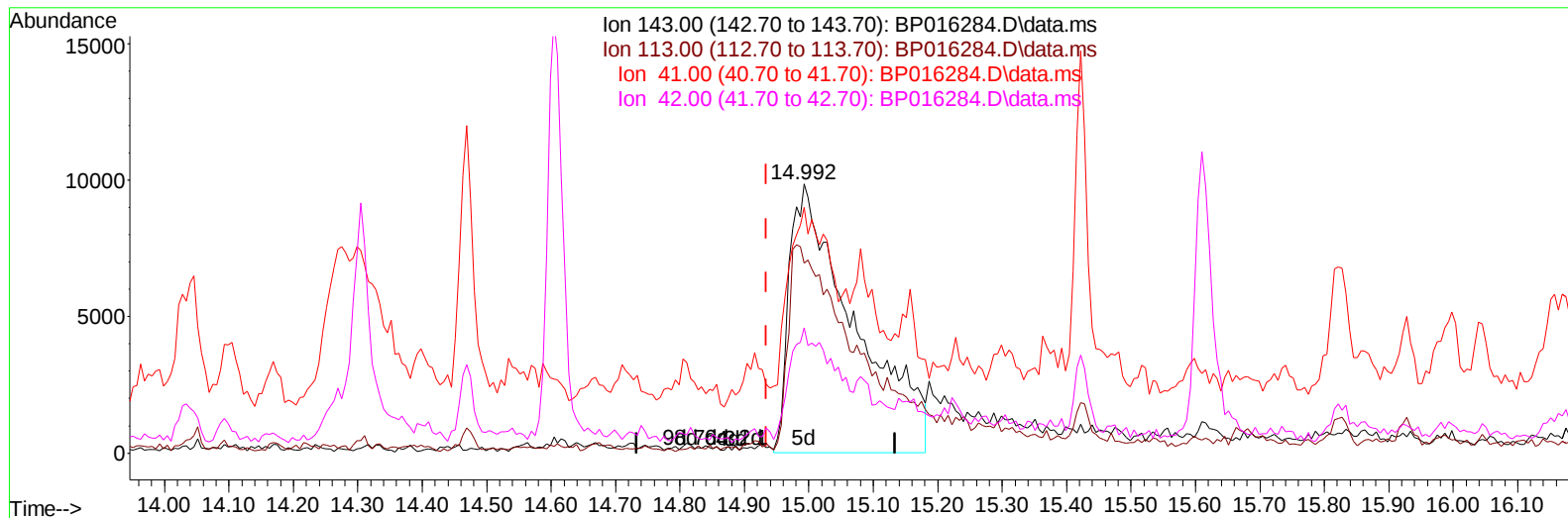
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.992min (+ 0.059) 6.77 ng/ul m

response 68459

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	70.60
41.00	49.30	91.42#
42.00	32.70	46.46#

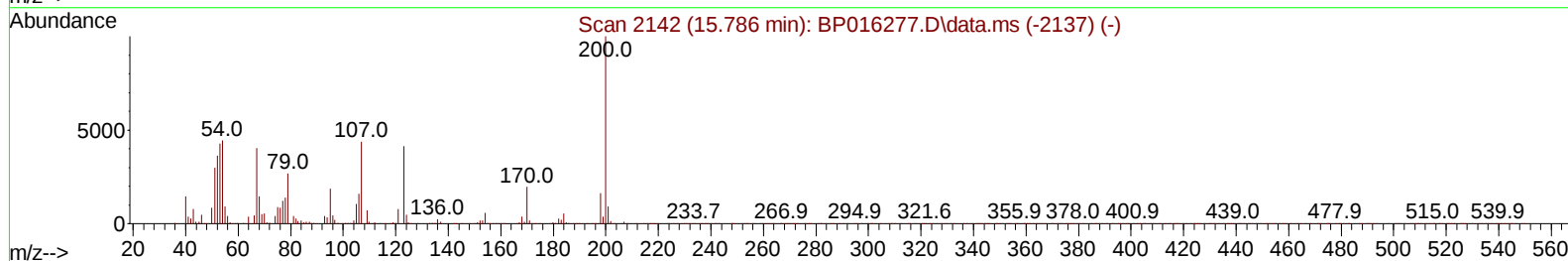
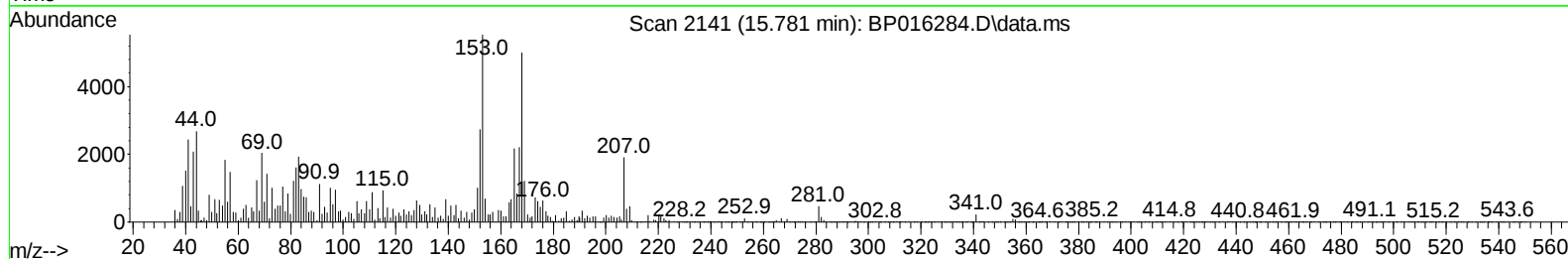
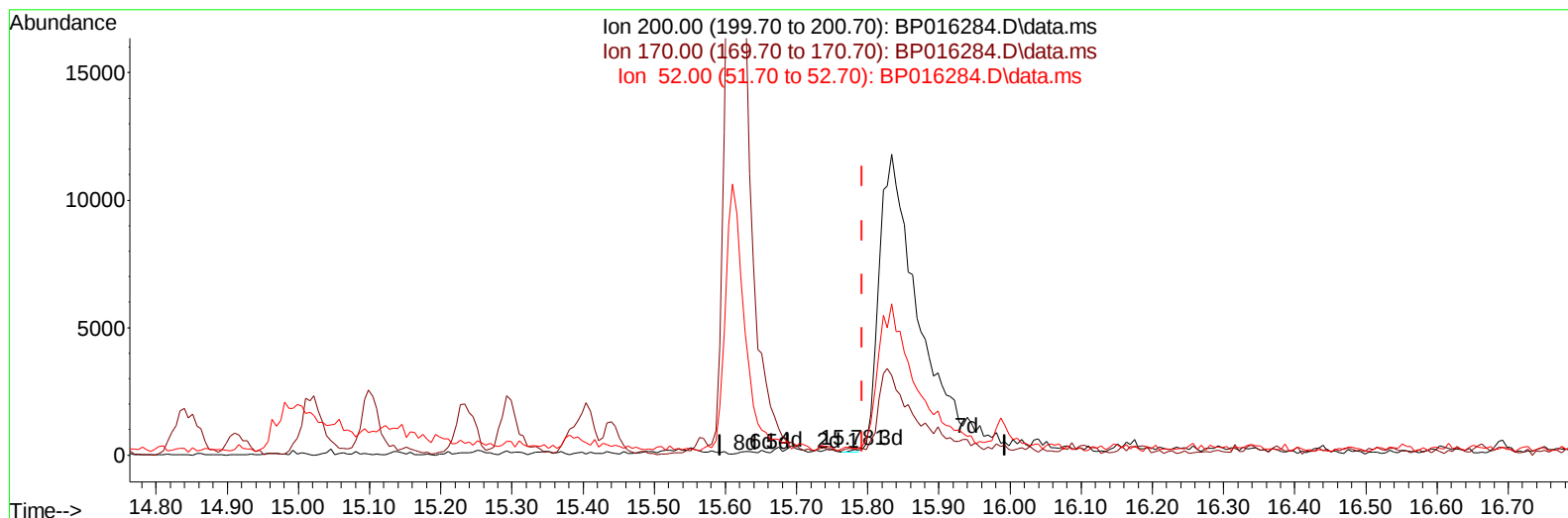
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

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

15.781min (-0.012) 0.01 ng/u1

response 92

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	112.98#
52.00	58.00	123.08#
0.00	0.00	0.00

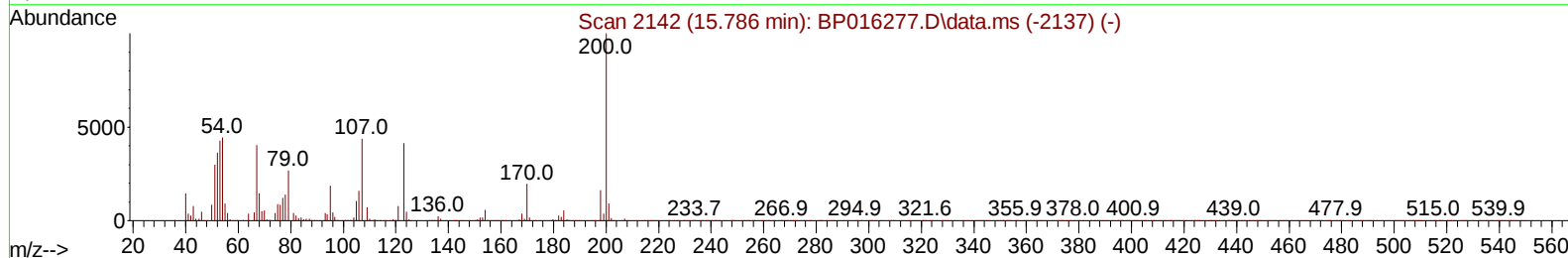
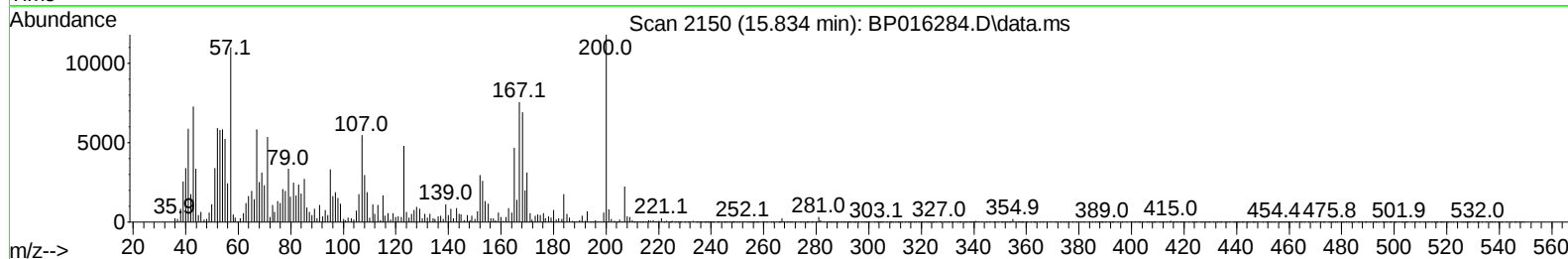
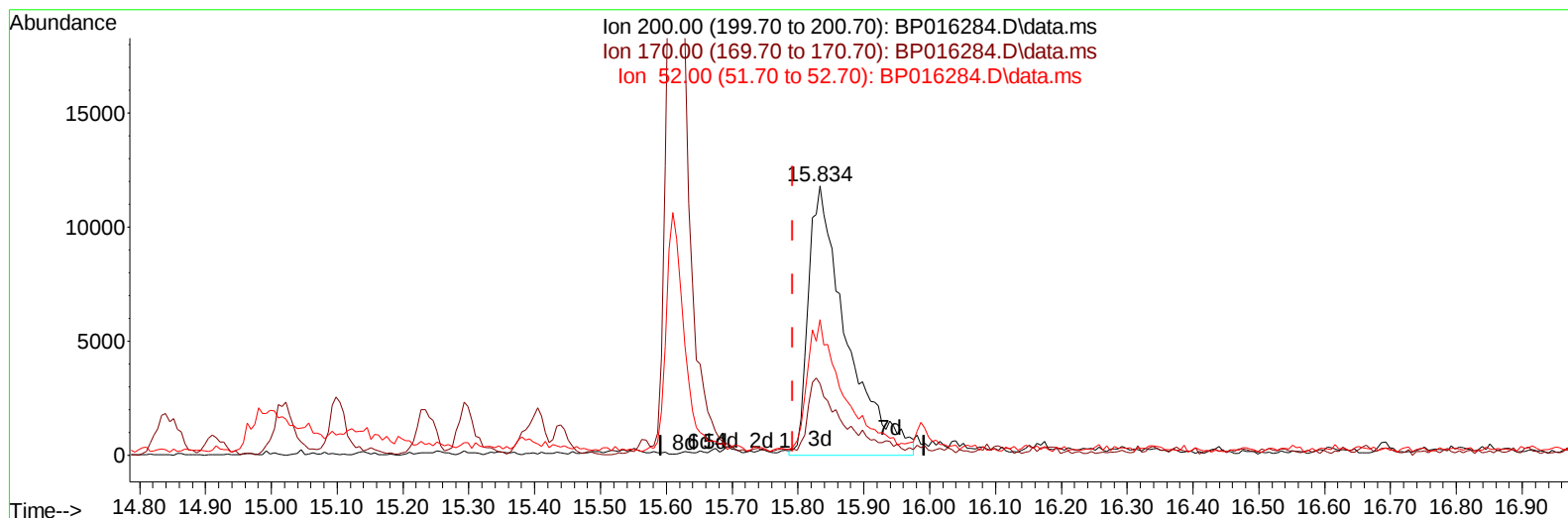
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:34:40 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

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

15.834min (+ 0.041) 5.32 ng/ul m

response 47300

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	26.48#
52.00	58.00	50.24
0.00	0.00	0.00

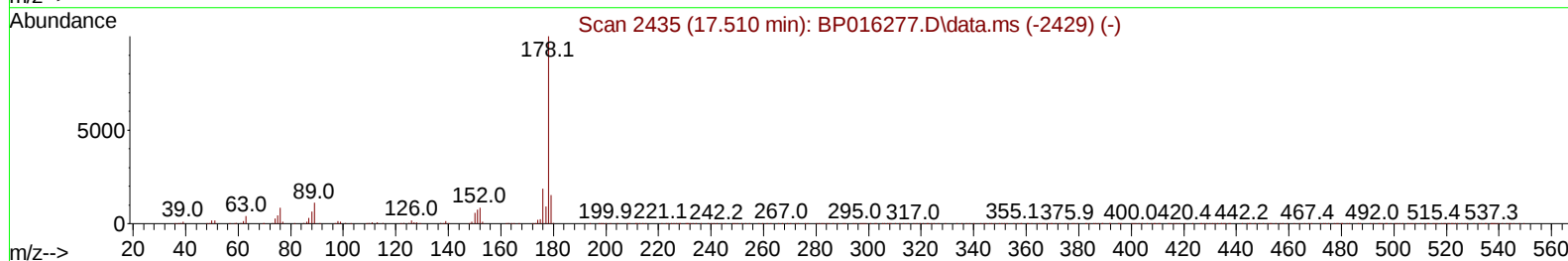
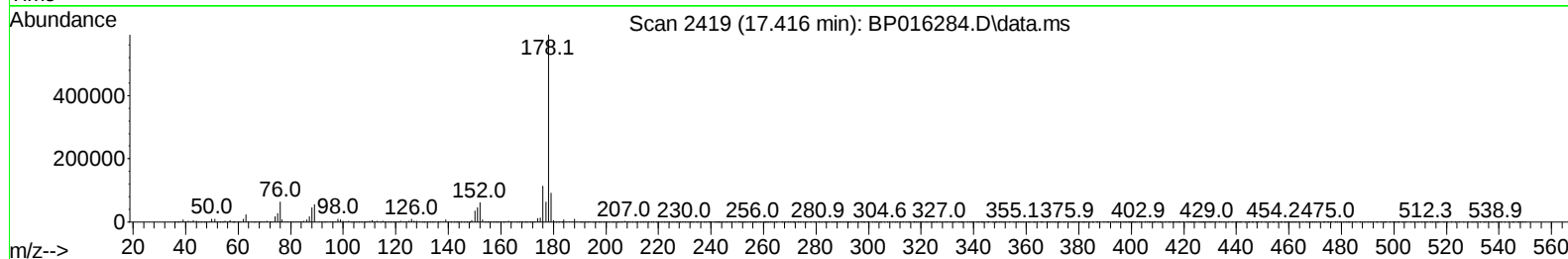
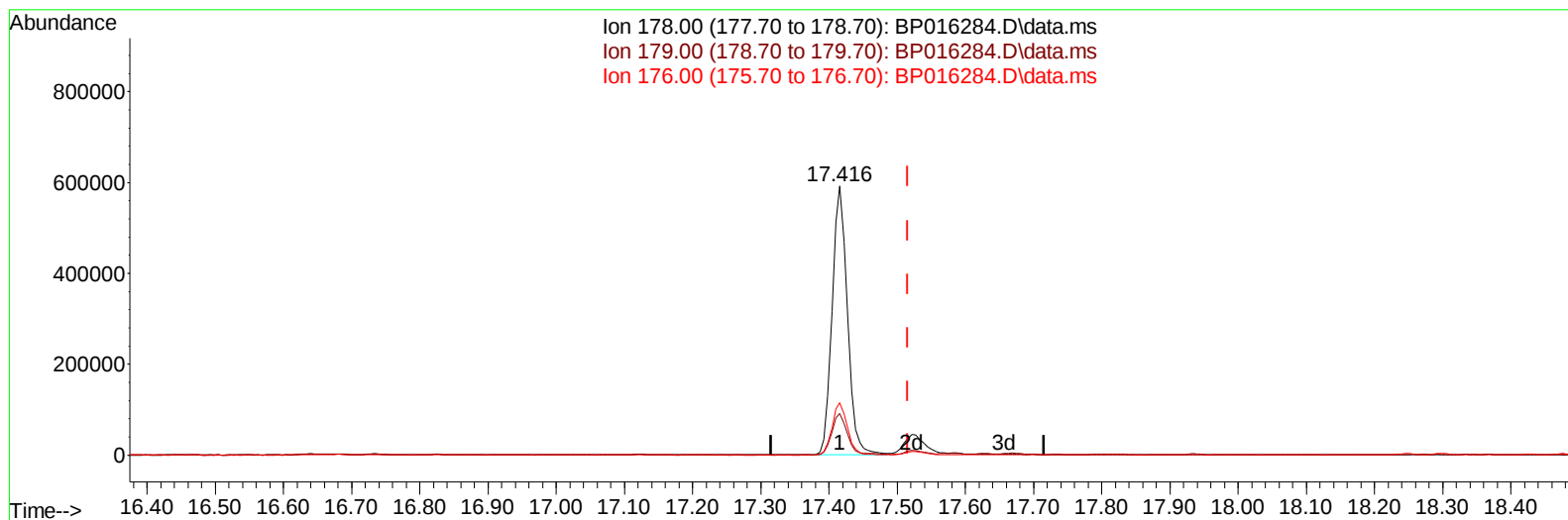
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:36:02 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(74) Anthracene

17.416min (-0.100) 11.45 ng/u1

response 924066

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.45
176.00	18.70	19.36
0.00	0.00	0.00

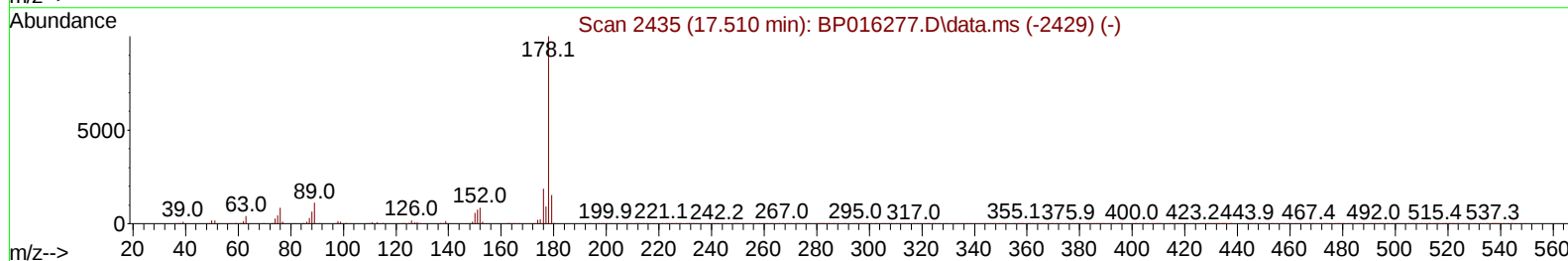
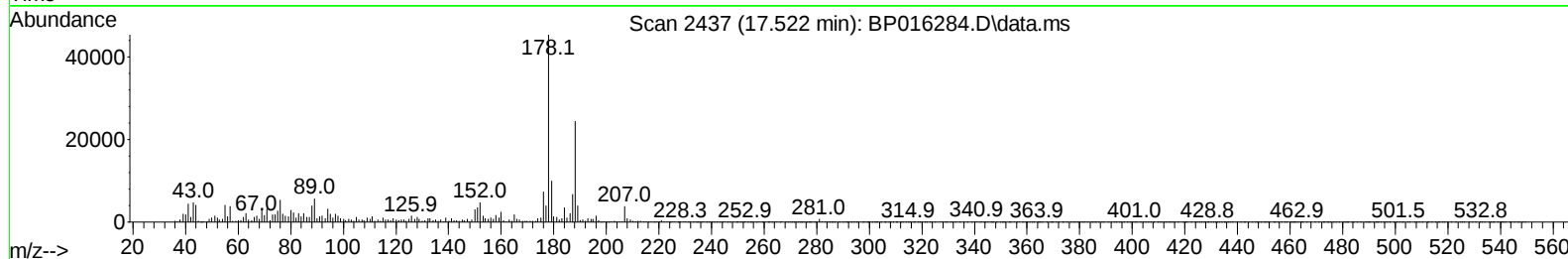
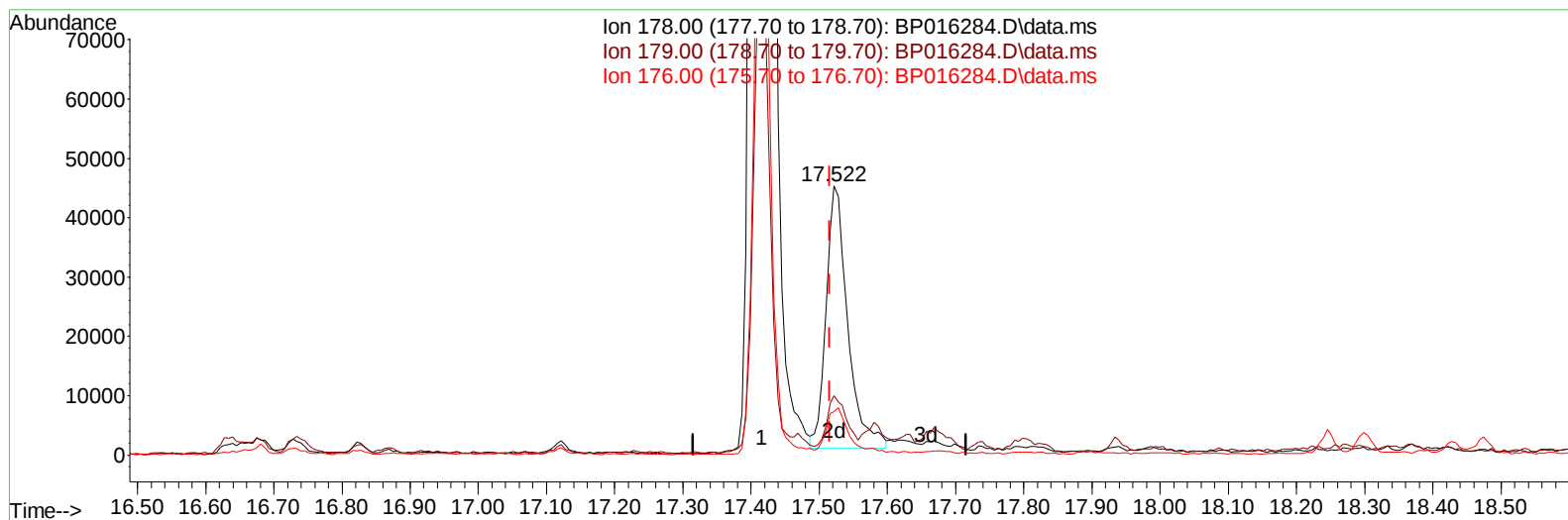
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:36:02 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(74) Anthracene

17.522min (+ 0.006) 1.21 ng/u1 m

response 97515

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	22.05#
176.00	18.70	16.14
0.00	0.00	0.00

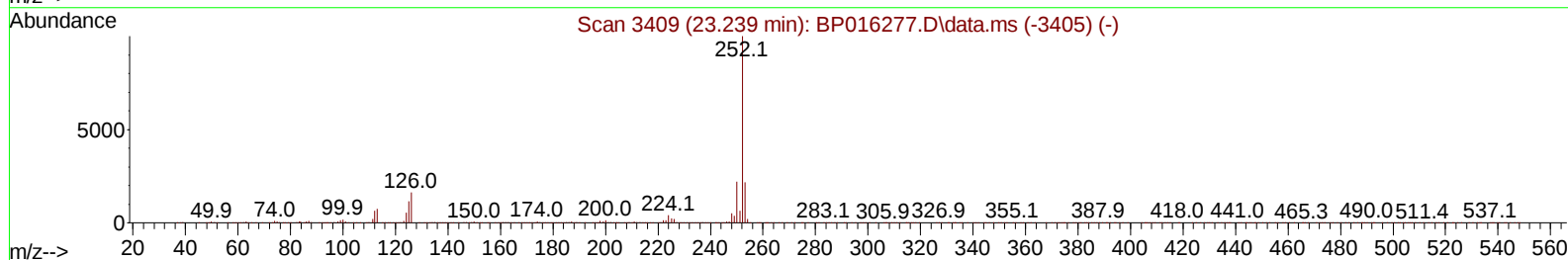
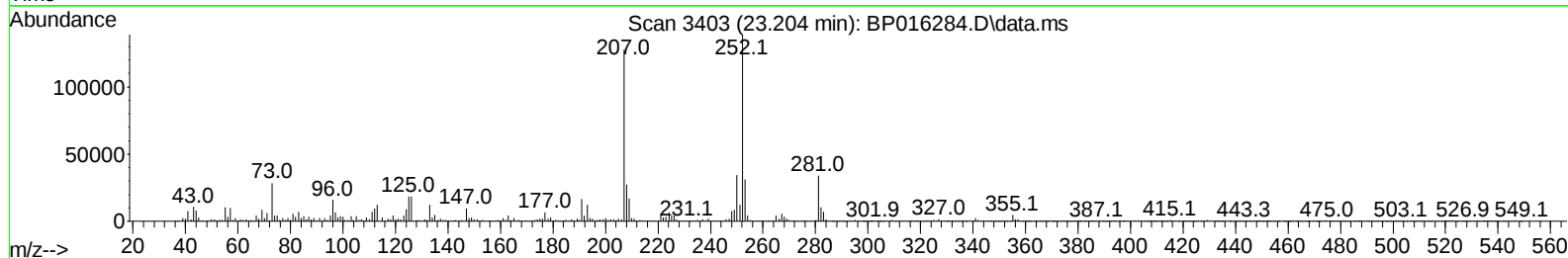
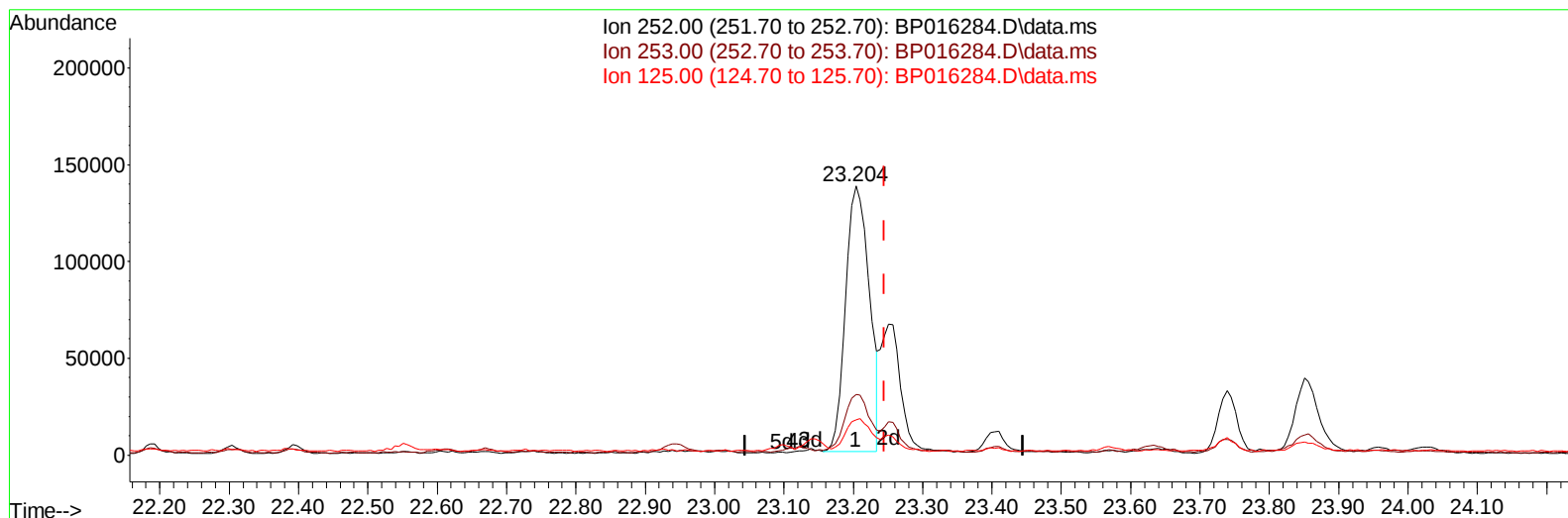
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:36:50 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(91) Benzo(k)fluoranthene

23.204min (-0.041) 3.20 ng/u1

response 325914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.55
125.00	11.60	13.21
0.00	0.00	0.00

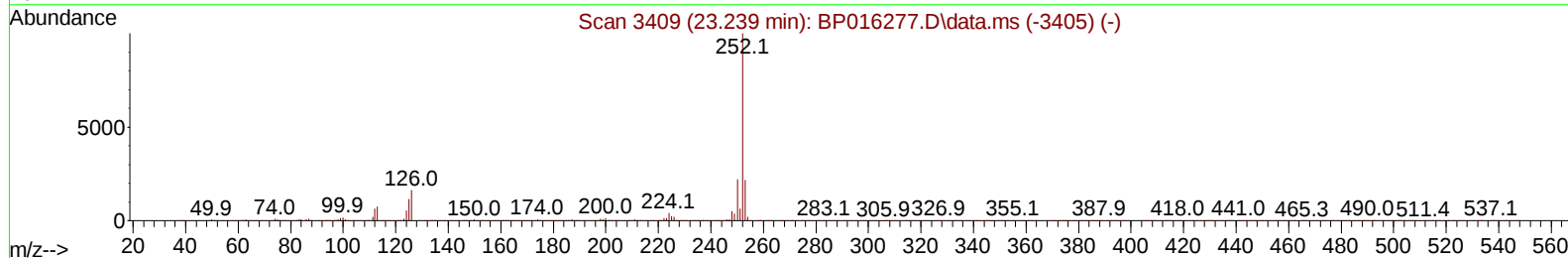
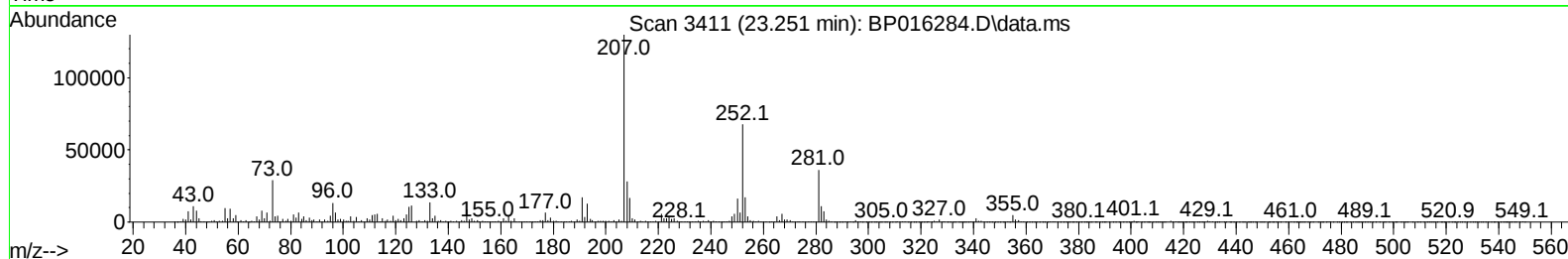
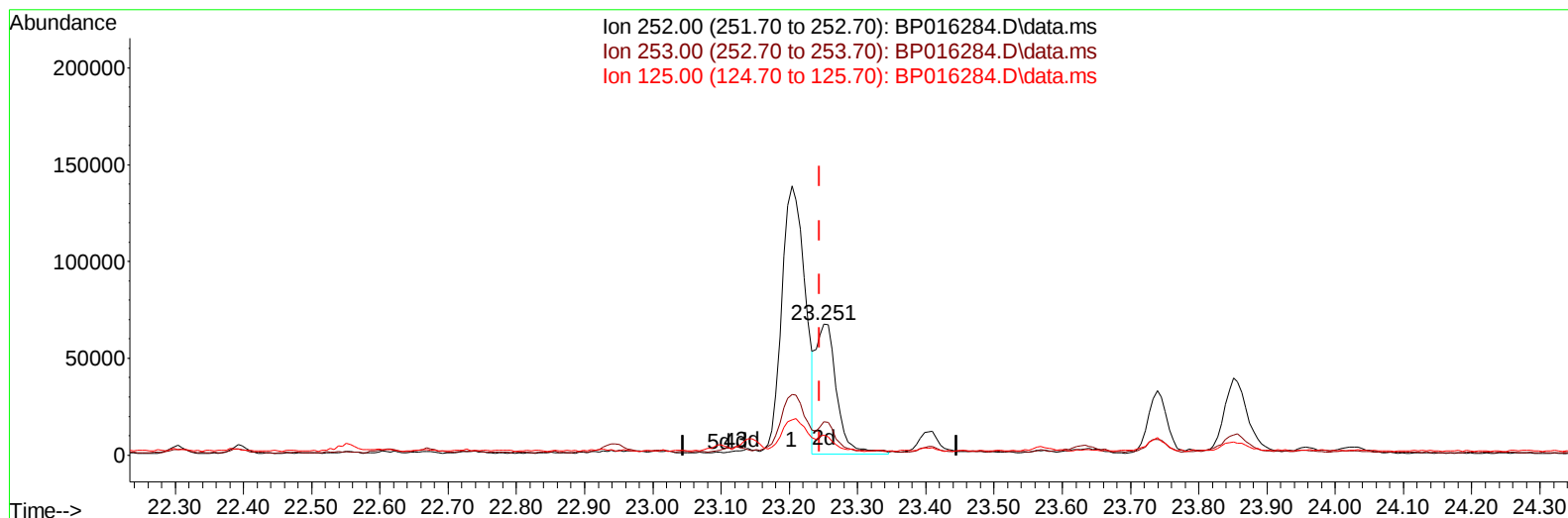
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:36:50 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016284.D\data.ms

(91) Benzo(k)fluoranthene

23.251min (+ 0.006) 1.38 ng/ul m

response 140602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.41
125.00	11.60	15.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016284.D
 Acq On : 18 Jul 2023 09:06
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46M1

Manual IntegrationsAPPROVED

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

Quant Time: Jul 18 23:37:55 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	214668	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	884123	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	649277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1541152	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1601716	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1753449	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12695	2.093	ng/uL	0.00
4) Pyridine-d5	3.758	84	66253	4.379	ng/ul	0.02
7) Phenol-d5	7.163	99	189653	9.781	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	126499	9.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	154001	11.002	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	63429	4.061	ng/ul	0.04
21) Nitrobenzene-d5	9.169	128	78823	12.923	ng/ul	0.02
24) 2-Nitrophenol-d4	9.899	143	86695	12.471	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.510	165	135373m	11.245	ng/ul	0.06
31) 4-Chloroaniline-d4	11.104	131	8977m	0.465	ng/ul	0.15
46) Dimethylphthalate-d6	14.028	166	672370	13.576	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	697590	12.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	68459m	6.773	ng/ul	0.06
60) Fluorene-d10	15.610	176	547095	13.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	47300m	5.317	ng/ul	0.04
73) Anthracene-d10	17.481	188	684745	10.157	ng/ul	0.00
81) Pyrene-d10	19.704	212	1057274	12.721	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.798	264	514501	6.110	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.834	105	112221	4.357	ng/ul	93
52) Acenaphthene	14.675	153	53769	1.275	ng/ul	96
61) Fluorene	15.681	166	48363	1.008	ng/ul	98
72) Phenanthrene	17.416	178	924066	11.508	ng/ul	100
74) Anthracene	17.522	178	97515m	1.209	ng/ul	
80) Fluoranthene	19.386	202	901465	9.275	ng/ul	98
82) Pyrene	19.739	202	783519	7.551	ng/ul	99
85) Benzo(a)anthracene	21.451	228	397203	3.808	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.327	149	126577	1.893	ng/ul	98
87) Chrysene	21.510	228	477252	4.517	ng/ul	99
90) Benzo(b)fluoranthene	23.204	252	325914	3.254	ng/ul	97
91) Benzo(k)fluoranthene	23.251	252	140602m	1.379	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016284.D
Acq On : 18 Jul 2023 09:06
Operator : MA/JU
Sample : 03458-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M1

Manual IntegrationsAPPROVED

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

Quant Time: Jul 18 23:37:55 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

