

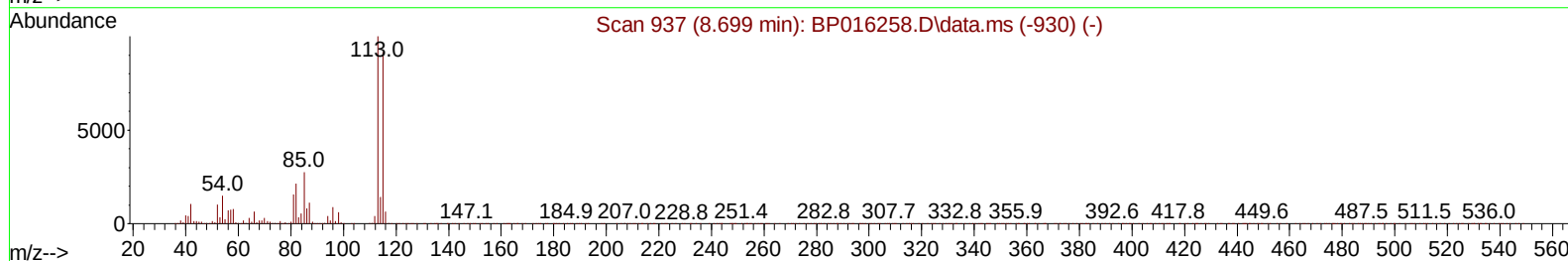
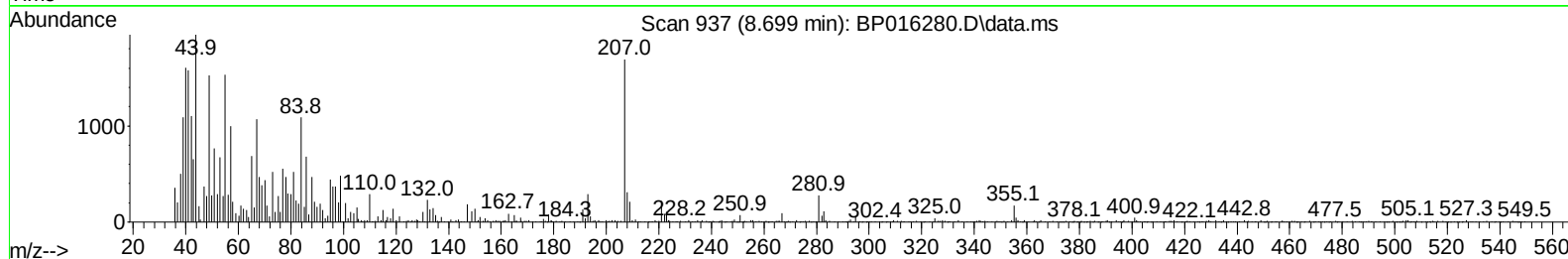
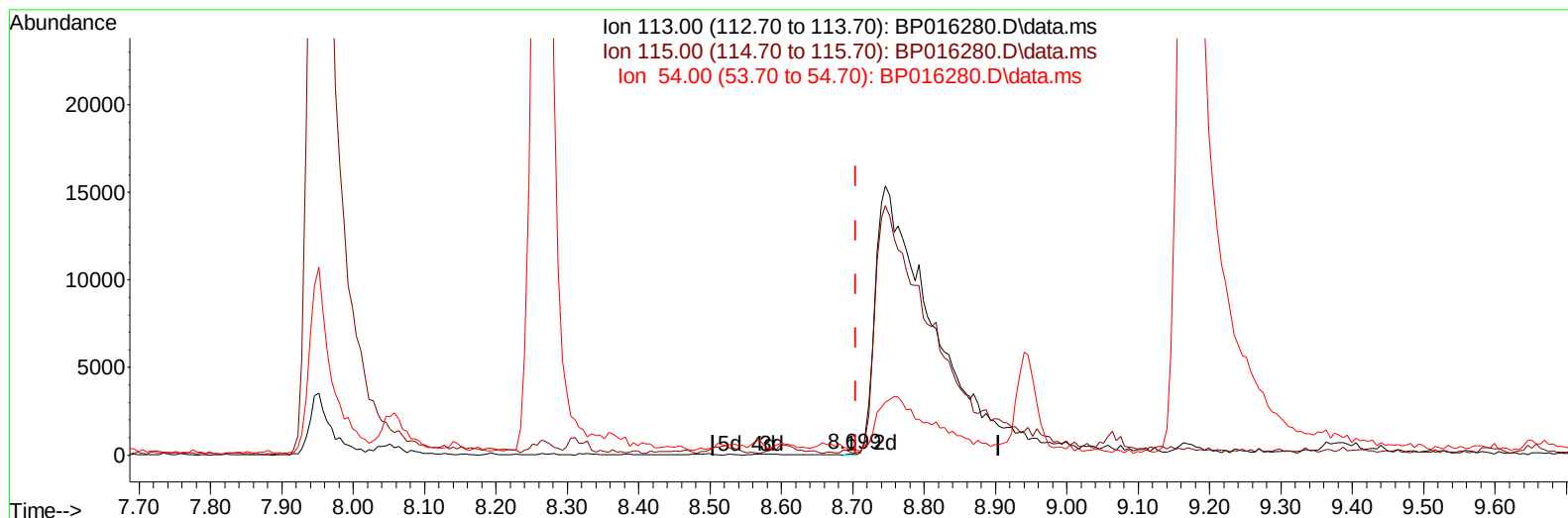
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:03 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: BP016280.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.699min (-0.006) 0.00 ng/uL

response 48

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	198.39#
54.00	16.30	441.94#
0.00	0.00	0.00

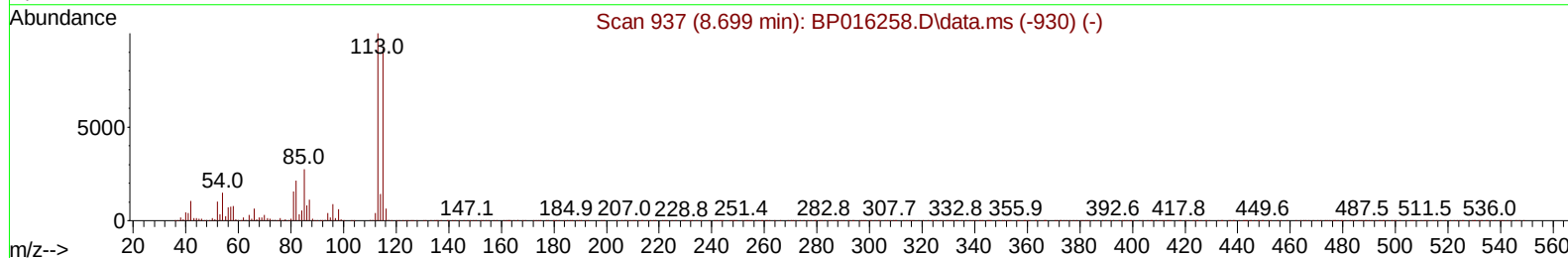
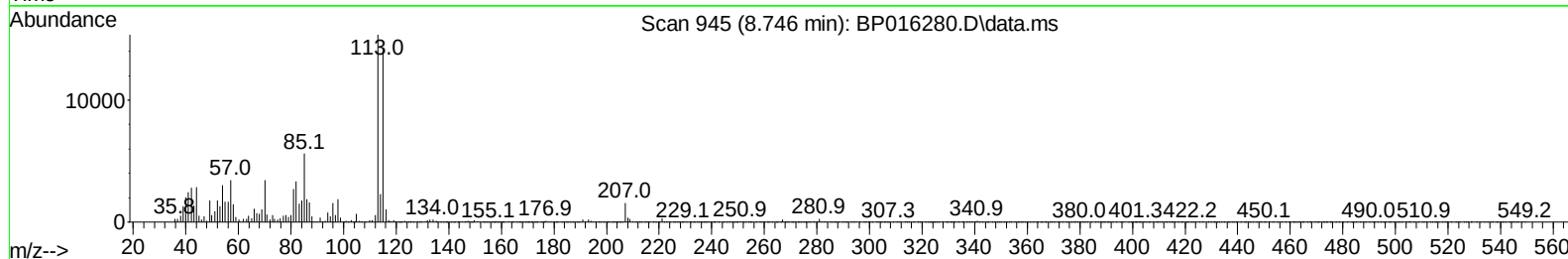
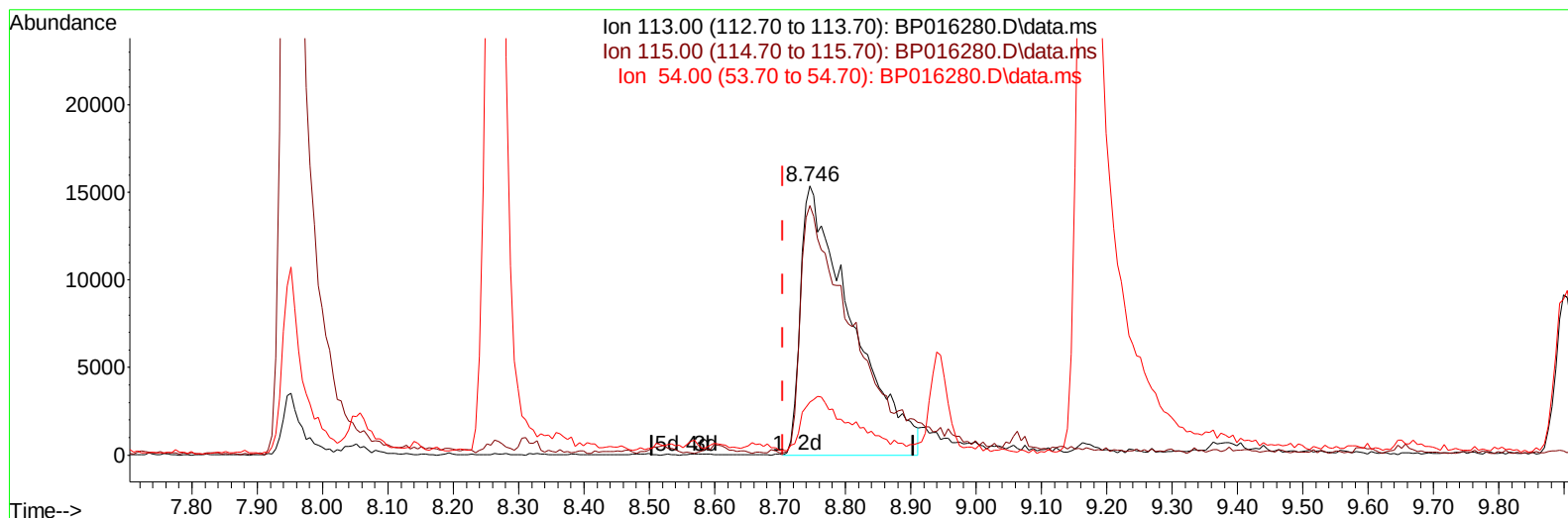
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:03 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: BP016280.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.746min (+ 0.041) 4.77 ng/ul m

response 82971

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	92.73
54.00	16.30	19.65#
0.00	0.00	0.00

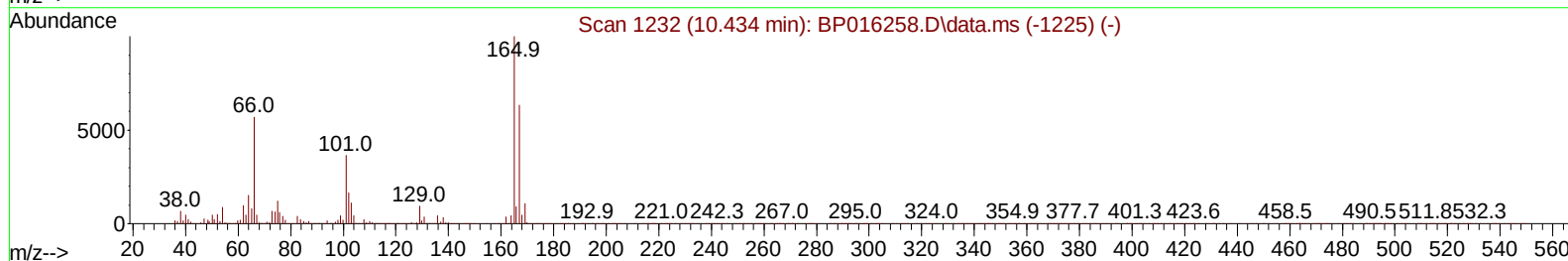
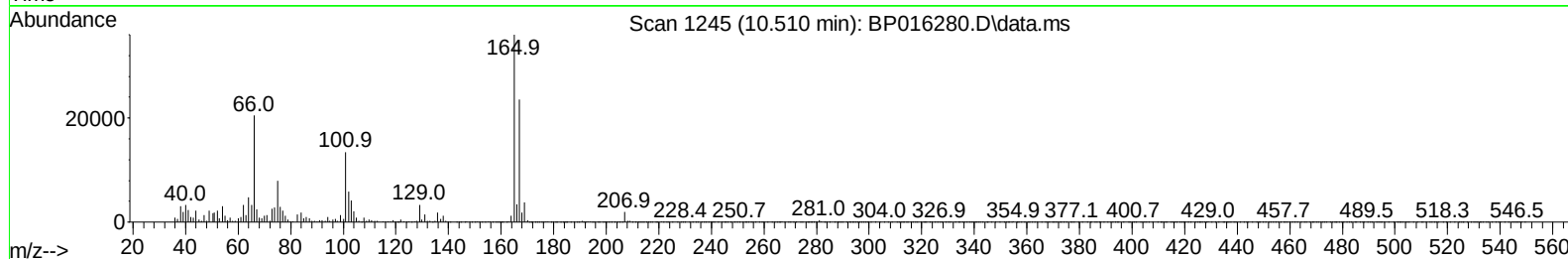
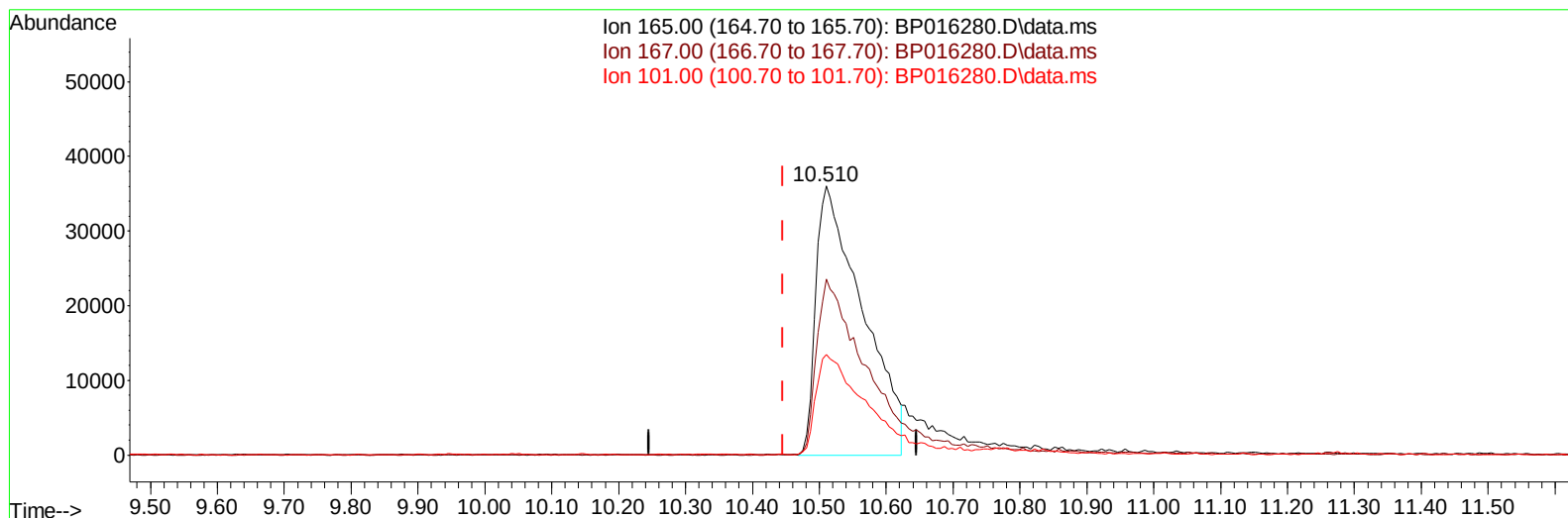
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:22 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: BP016280.D\data.ms

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

10.510min (+ 0.065) 11.40 ng/ul

response 173929

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	65.35
101.00	38.50	37.39
0.00	0.00	0.00

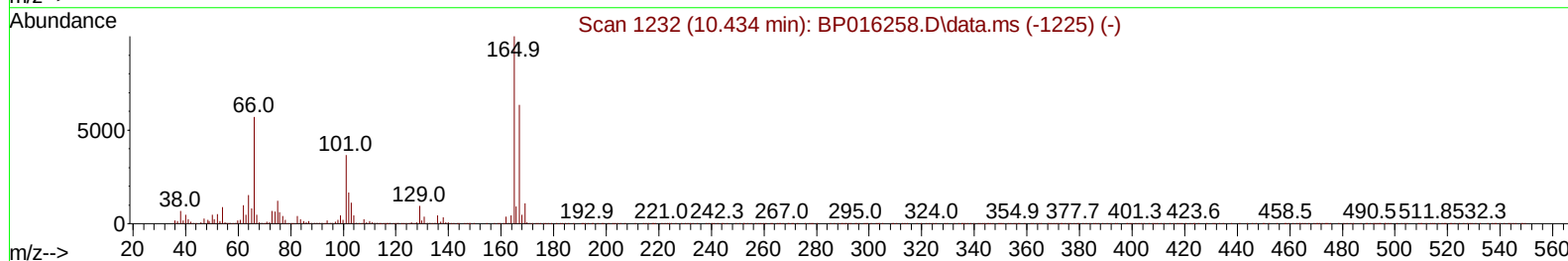
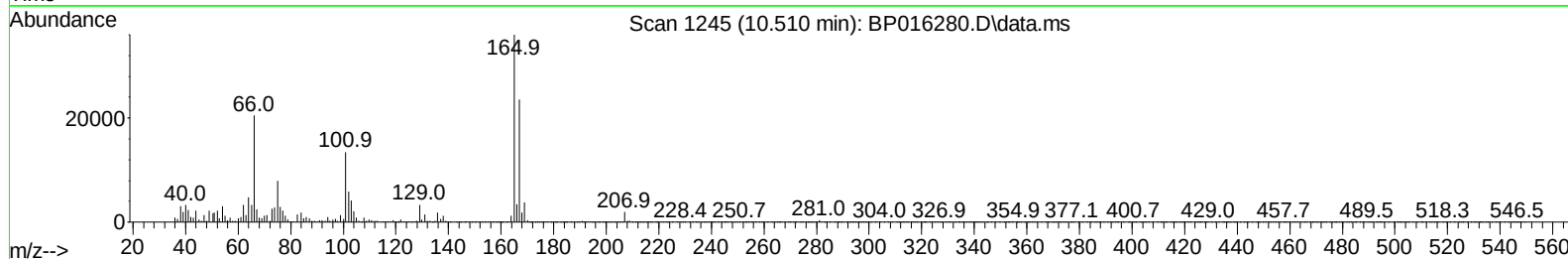
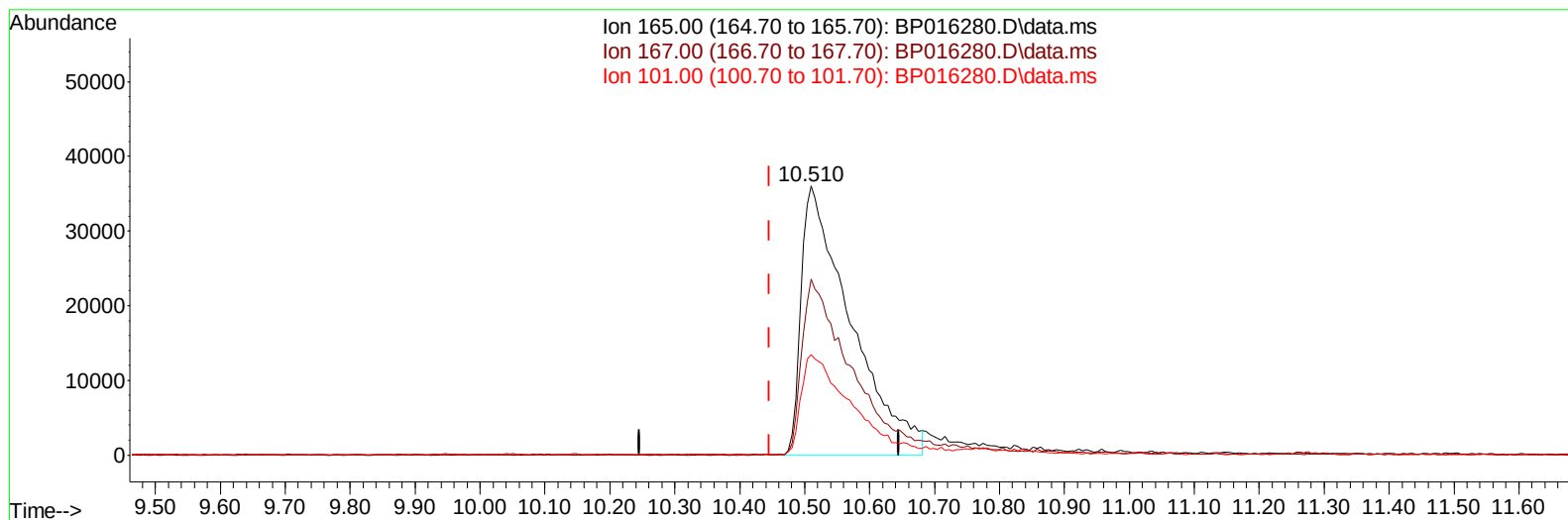
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:22 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: BP016280.D\data.ms

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

10.510min (+ 0.065) 12.44 ng/ul m

response 189790

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	65.35
101.00	38.50	37.39
0.00	0.00	0.00

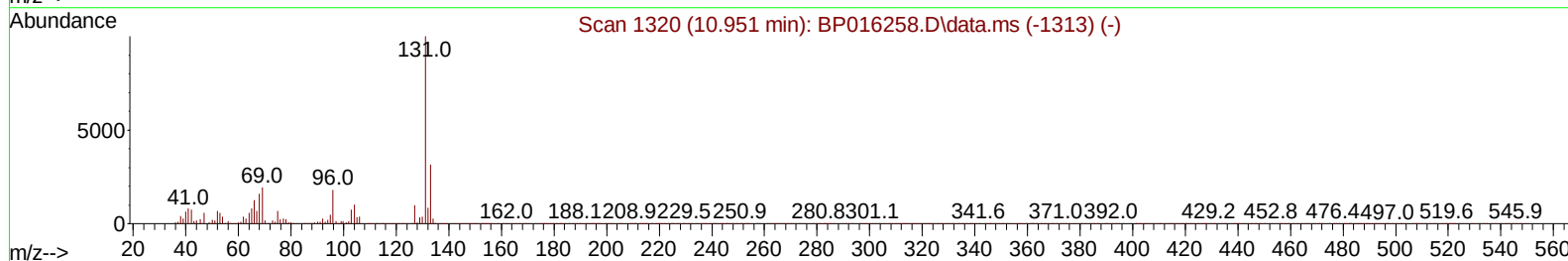
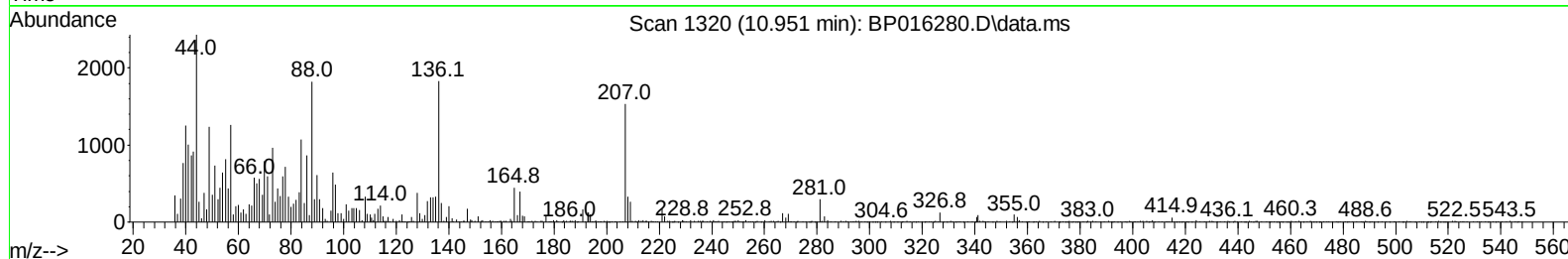
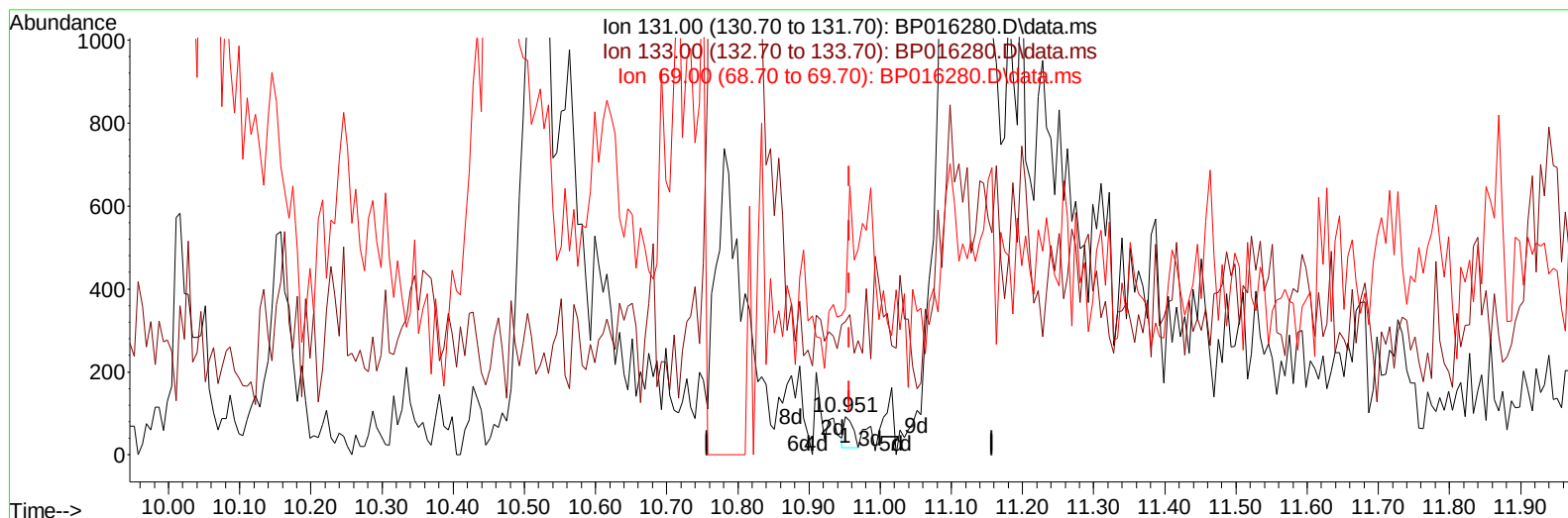
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:22 2023
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 Quant Title : SVOA CALIBRATION
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TIC: BP016280.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.951min (-0.006) 0.00 ng/uL

response 63

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	345.16#
69.00	21.00	378.49#
0.00	0.00	0.00

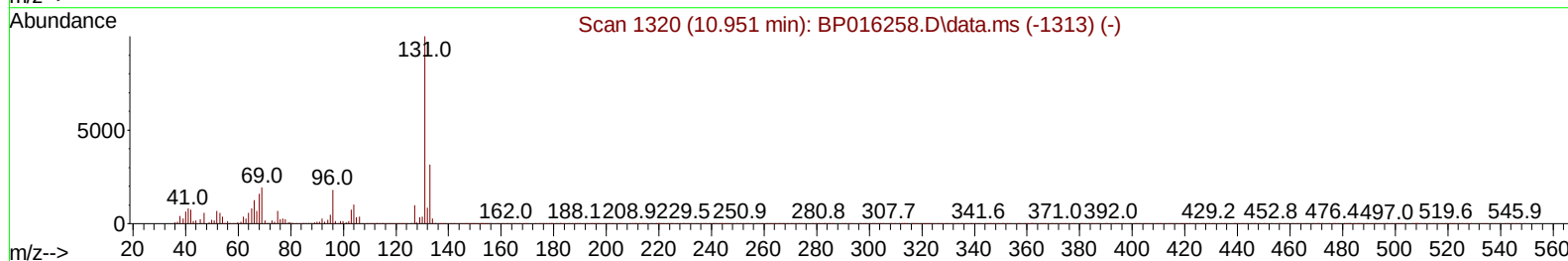
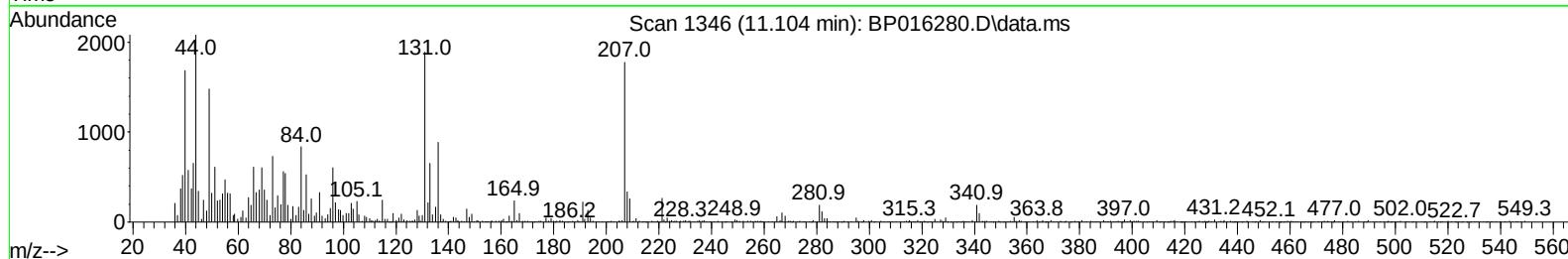
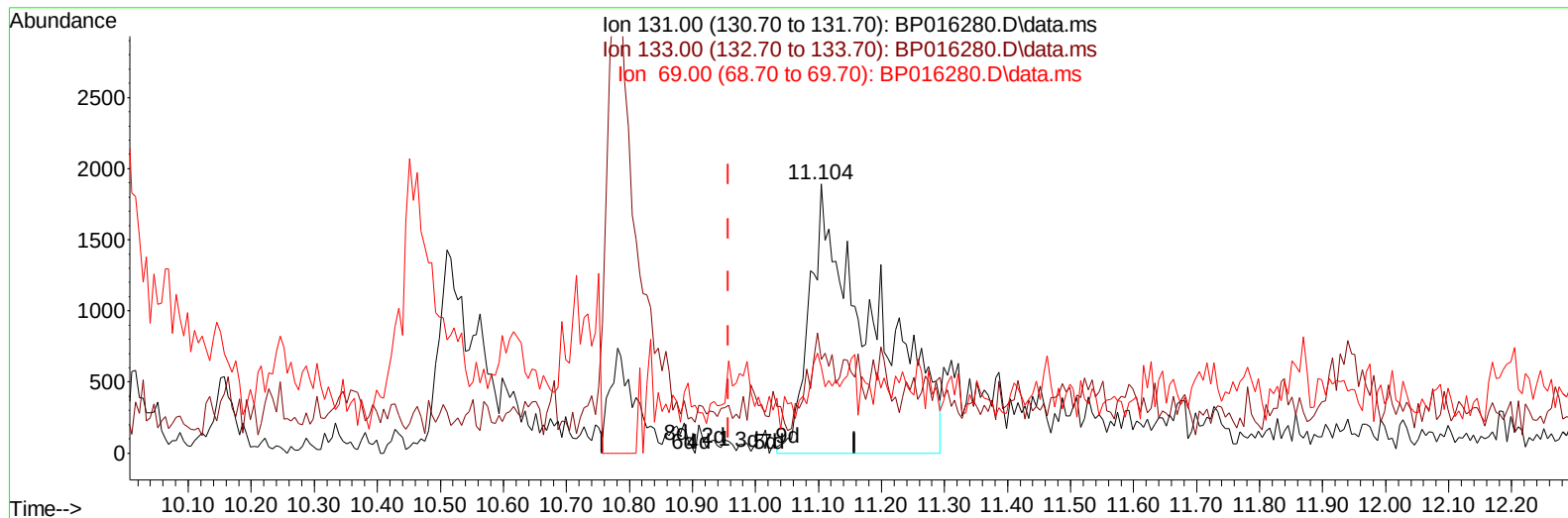
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:22:55 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

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



TIC: BP016280.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.104min (+ 0.147) 0.53 ng/ul m

response 13070

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	34.74
69.00	21.00	31.99#
0.00	0.00	0.00

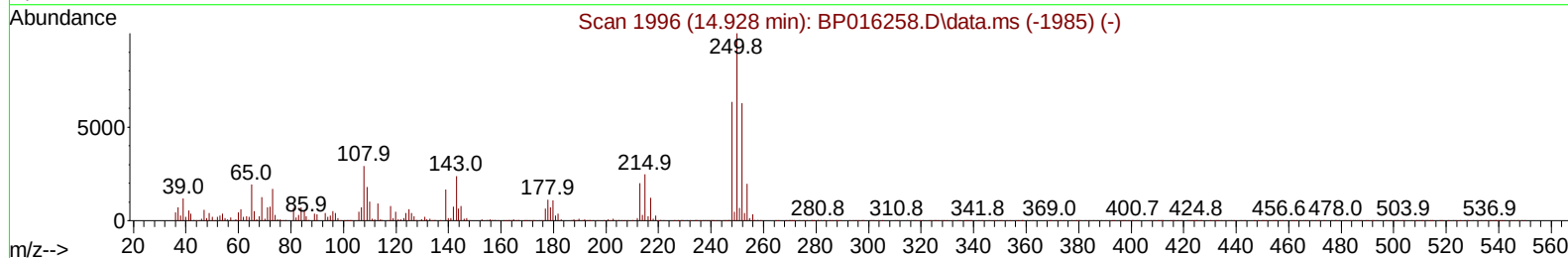
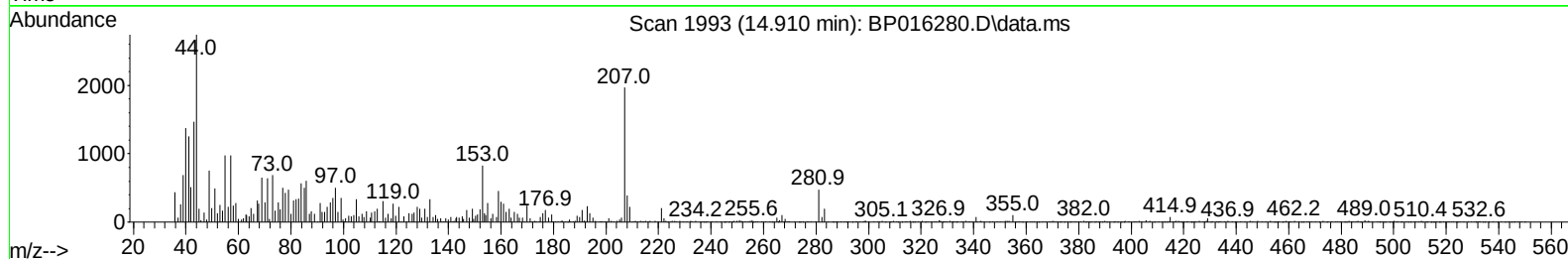
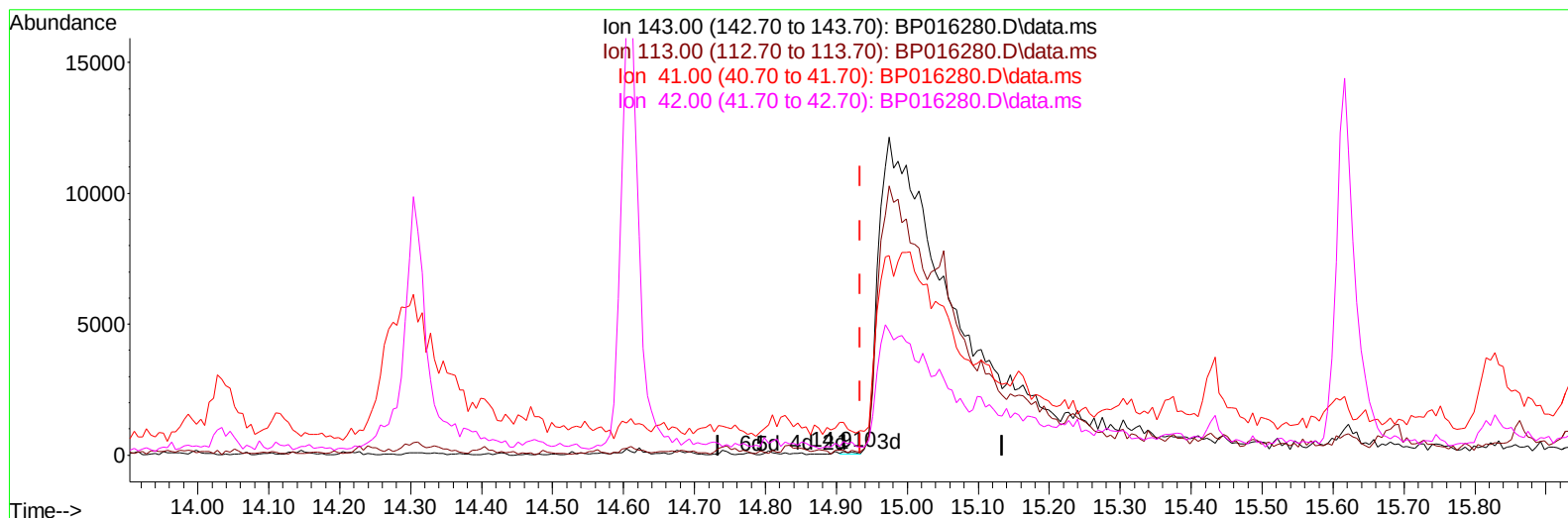
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:23:22 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: BP016280.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.910min (-0.023) 0.01 ng/u1

response 79

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	156.92#
41.00	49.30	966.15#
42.00	32.70	393.85#

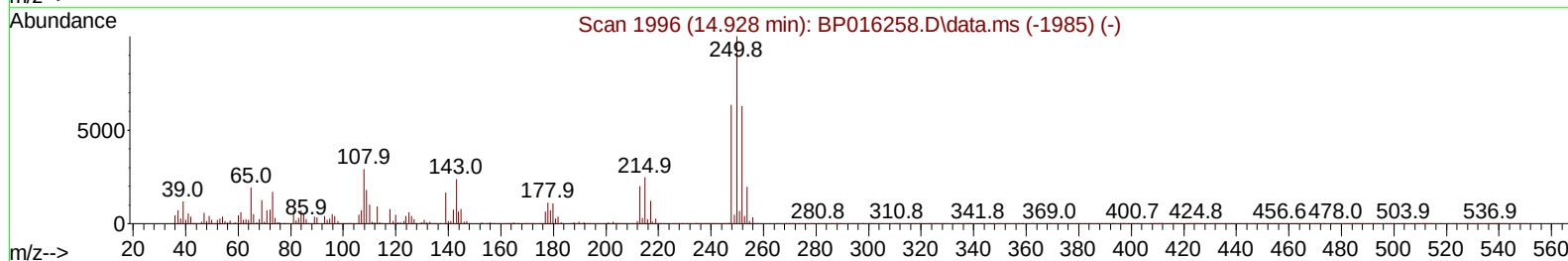
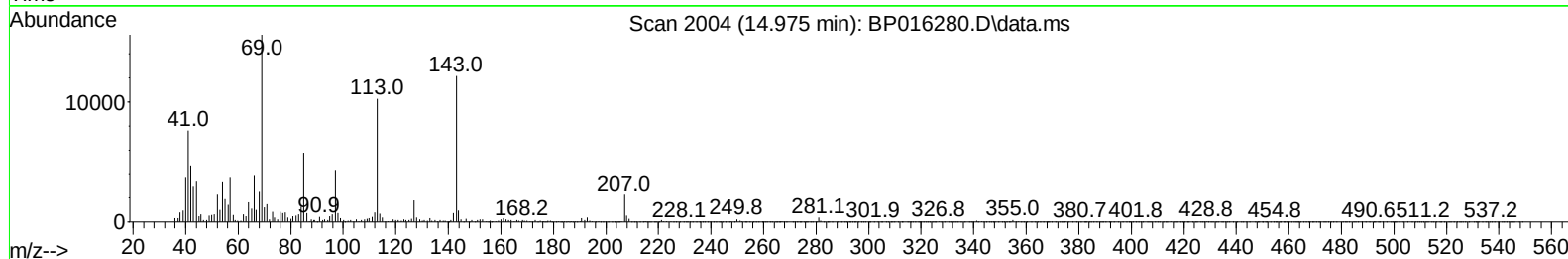
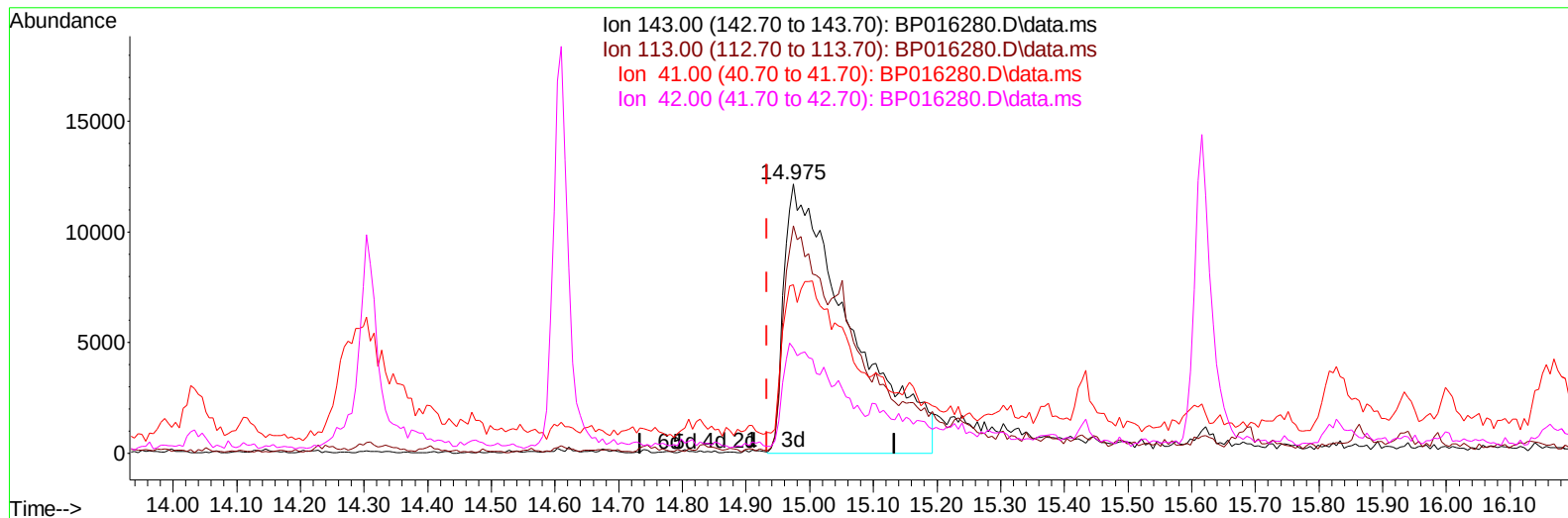
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016280.D
Acq On : 18 Jul 2023 06:50
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:23:22 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: BP016280.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.975min (+ 0.041) 7.74 ng/ul m

response 86938

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	84.49
41.00	49.30	62.71#
42.00	32.70	38.92

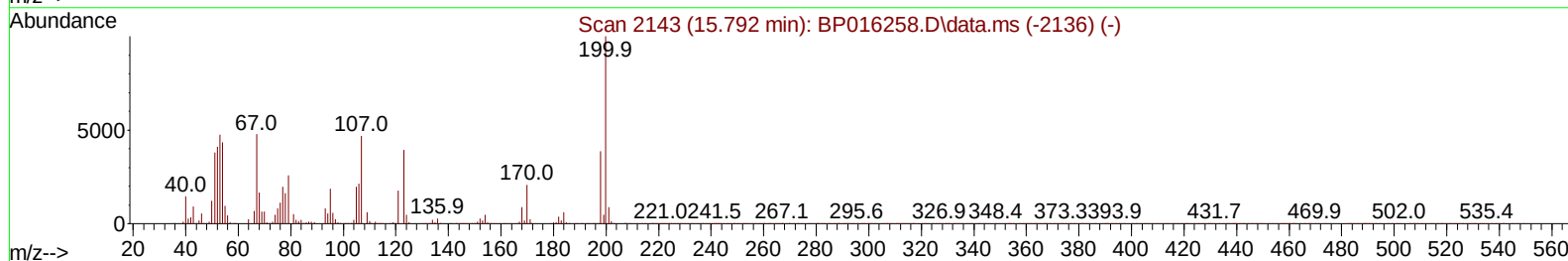
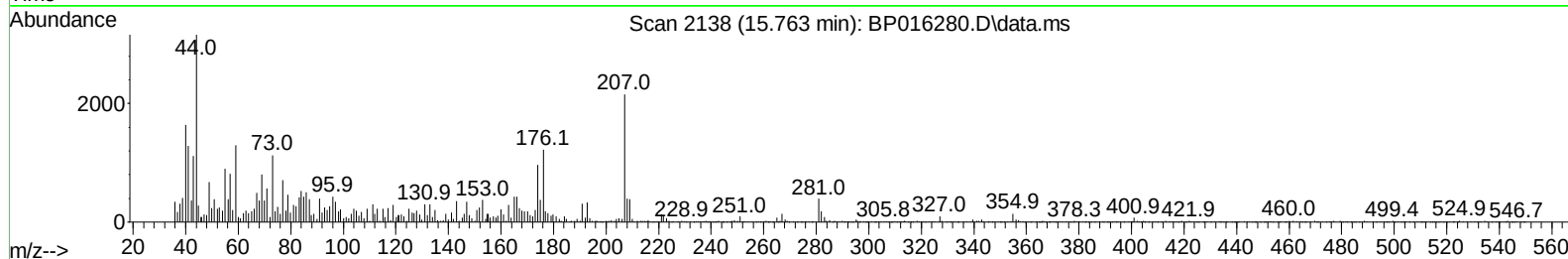
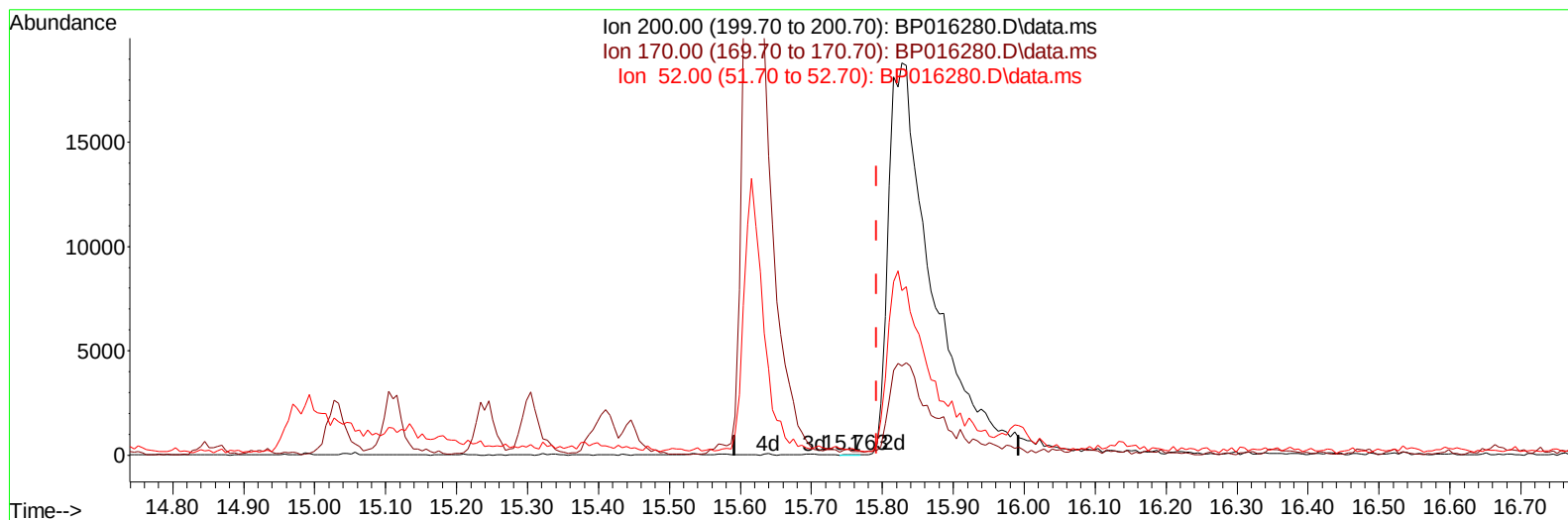
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:23:22 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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 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016280.D\data.ms

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

15.763min (-0.029) 0.00 ng/uL

response 35

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	613.33#
52.00	58.00	756.67#
0.00	0.00	0.00

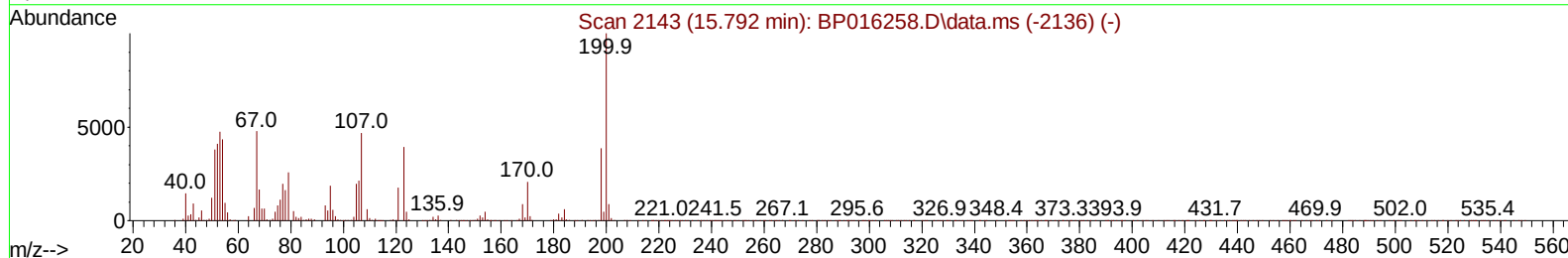
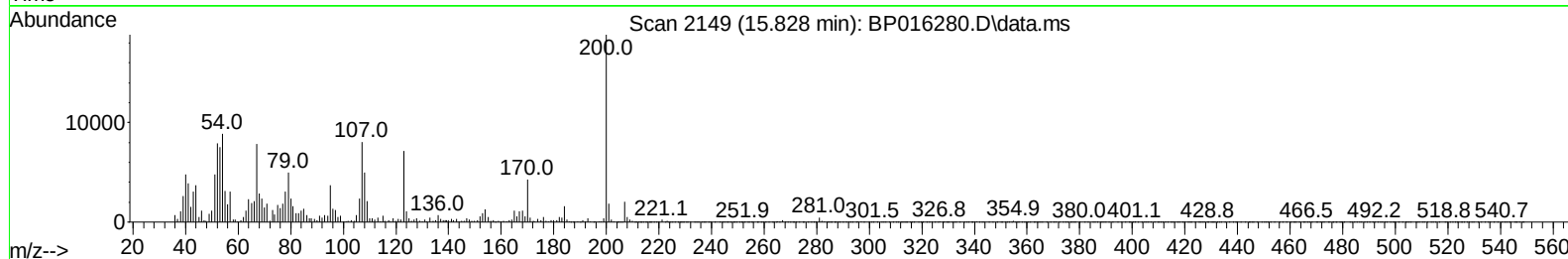
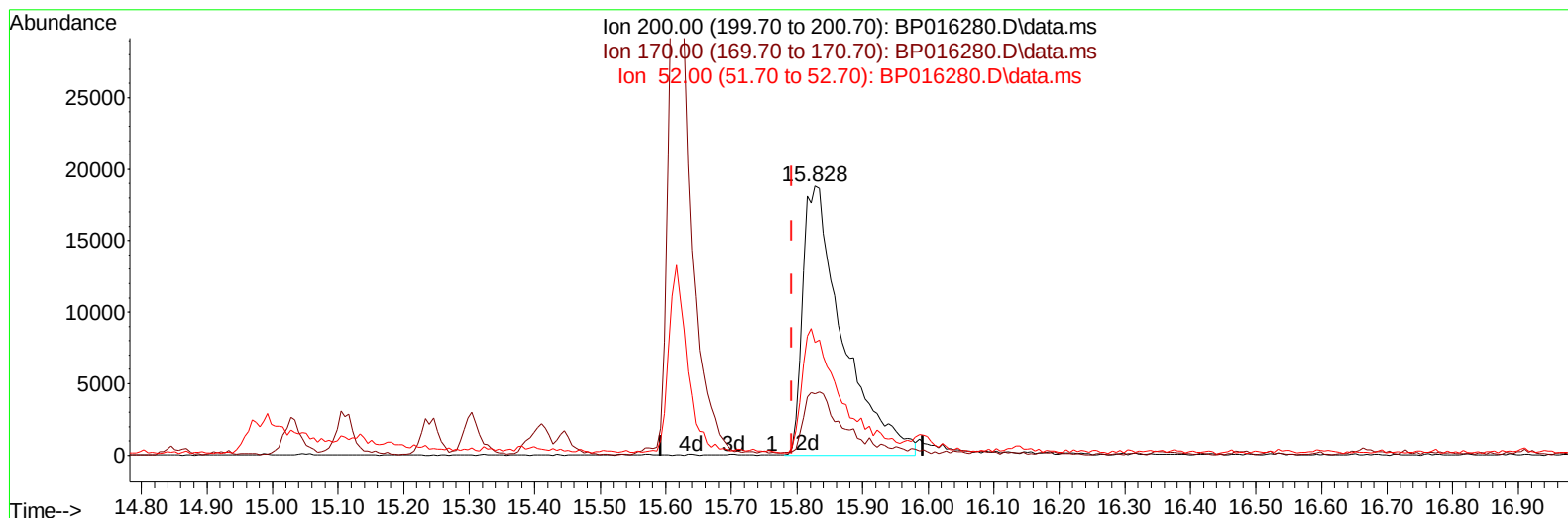
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:23:22 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: BP016280.D\data.ms

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

15.828min (+ 0.035) 7.91 ng/ul m

response 79556

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	22.75
52.00	58.00	41.88#
0.00	0.00	0.00

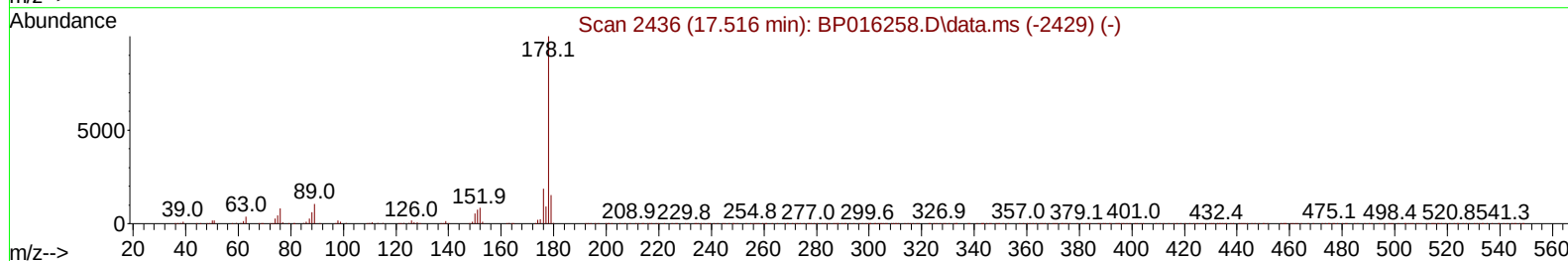
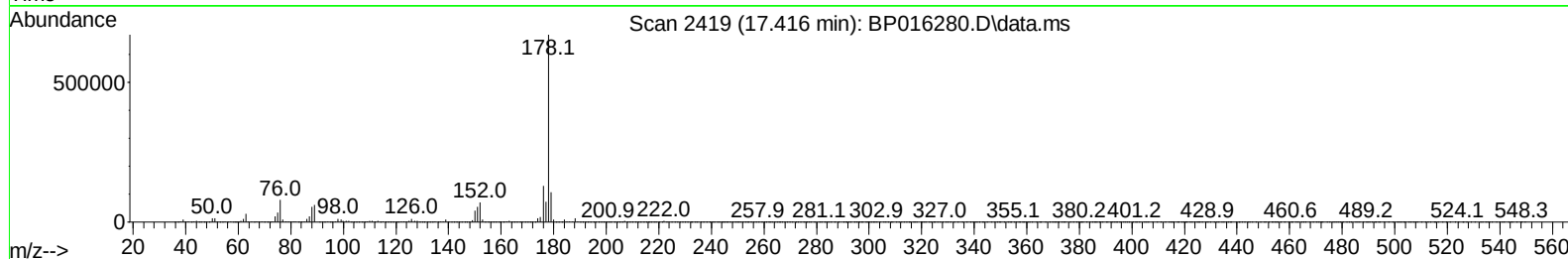
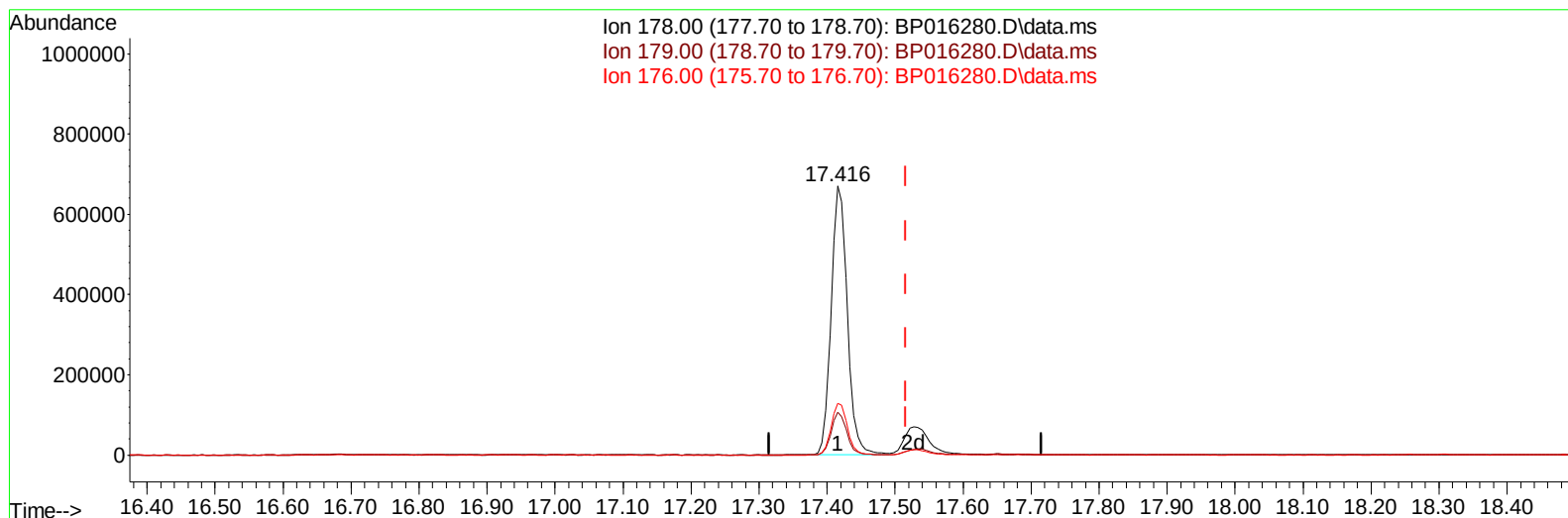
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:24:20 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
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TIC: BP016280.D\data.ms

(74) Anthracene

17.416min (-0.100) 12.19 ng/u1

response 1112794

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.87
176.00	18.70	19.26
0.00	0.00	0.00

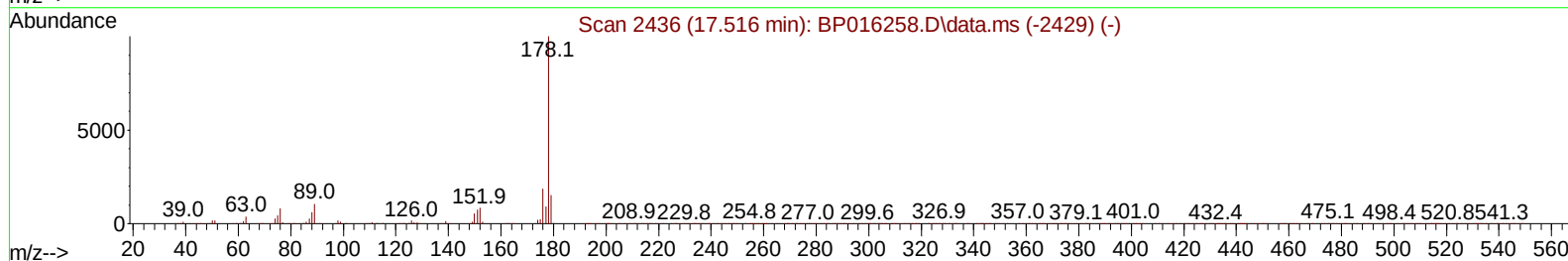
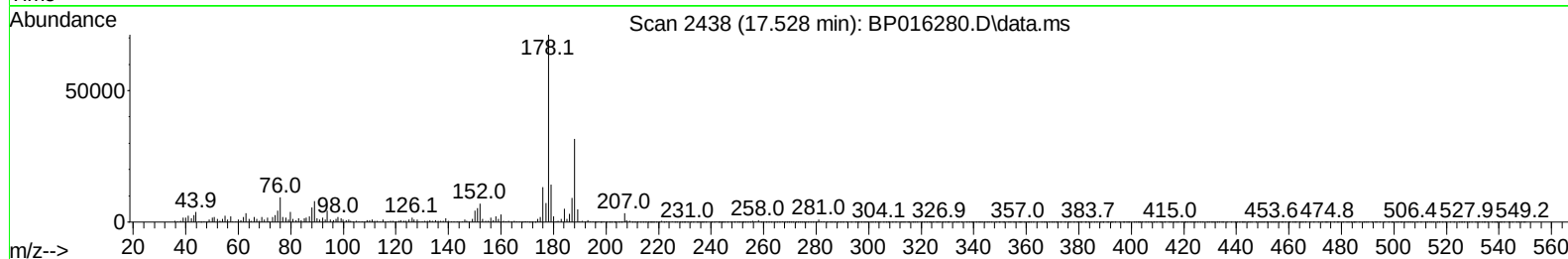
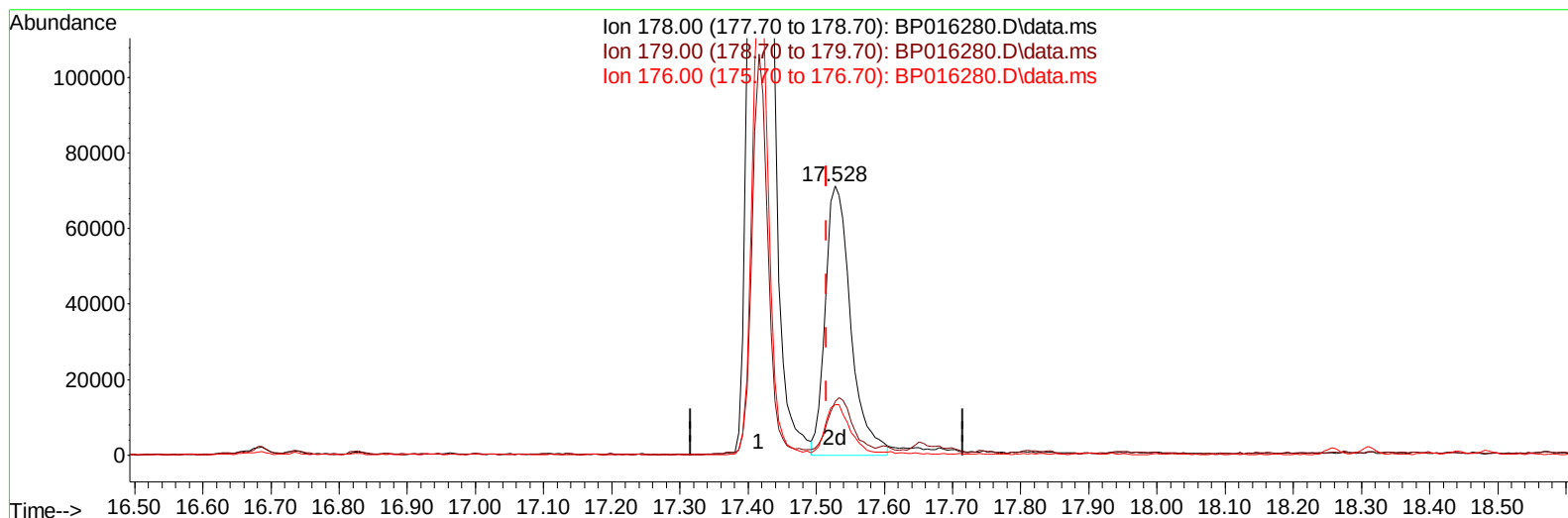
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:24:20 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 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016280.D\data.ms

(74) Anthracene

17.528min (+ 0.012) 2.02 ng/u l m

response 184352

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	19.95#
176.00	18.70	18.82
0.00	0.00	0.00

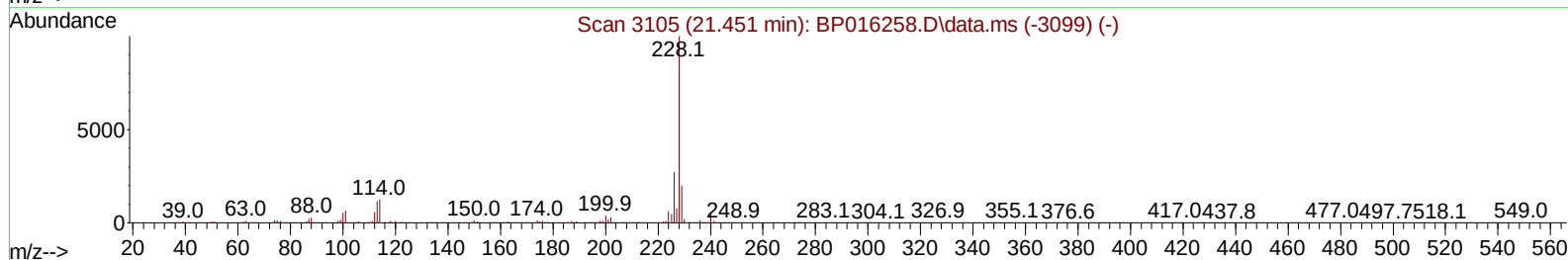
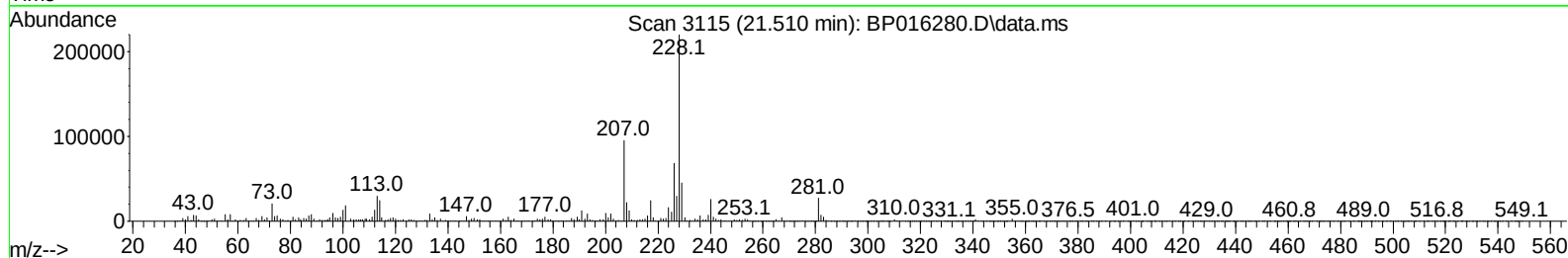
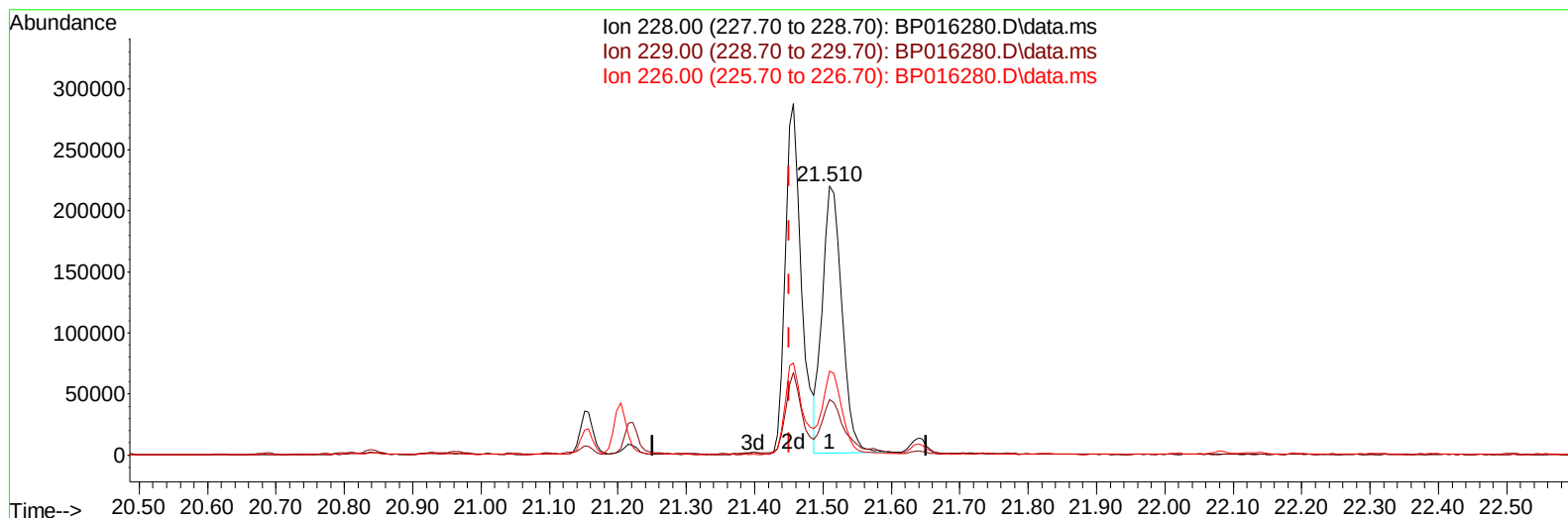
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:24:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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 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: BP016280.D\data.ms

(85) Benzo(a)anthracene

21.510min (+ 0.059) 3.84 ng/u1

response 437329

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	20.54
226.00	26.90	31.33
0.00	0.00	0.00

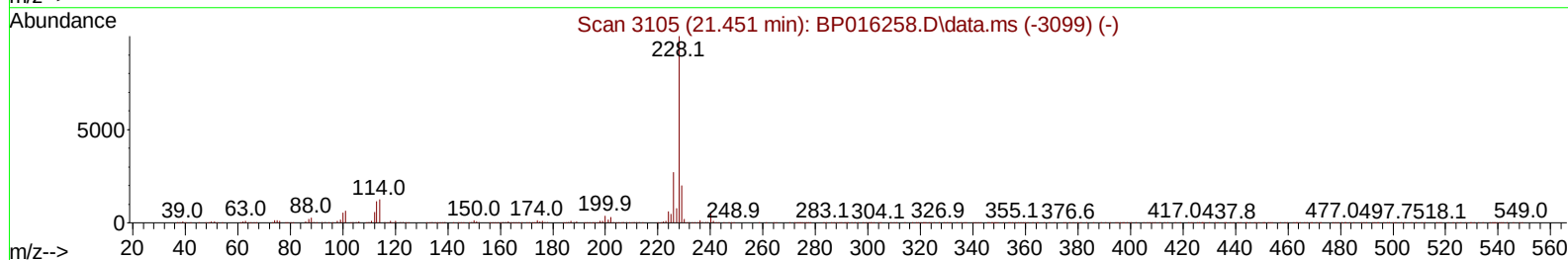
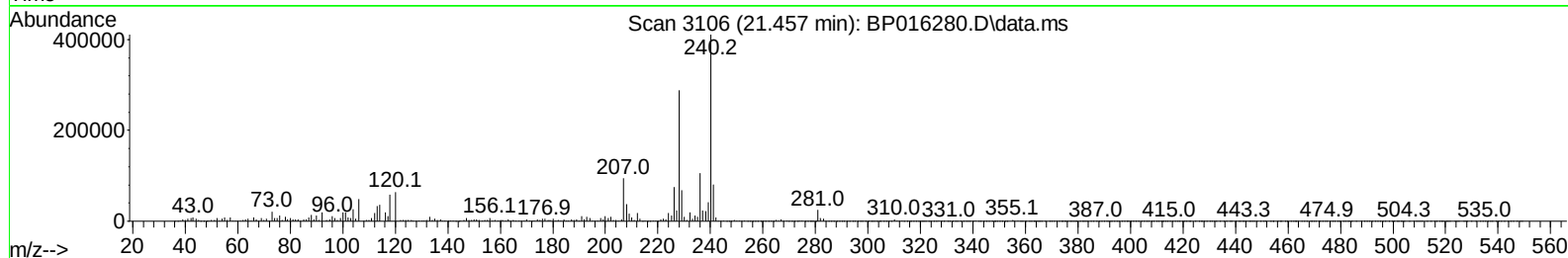
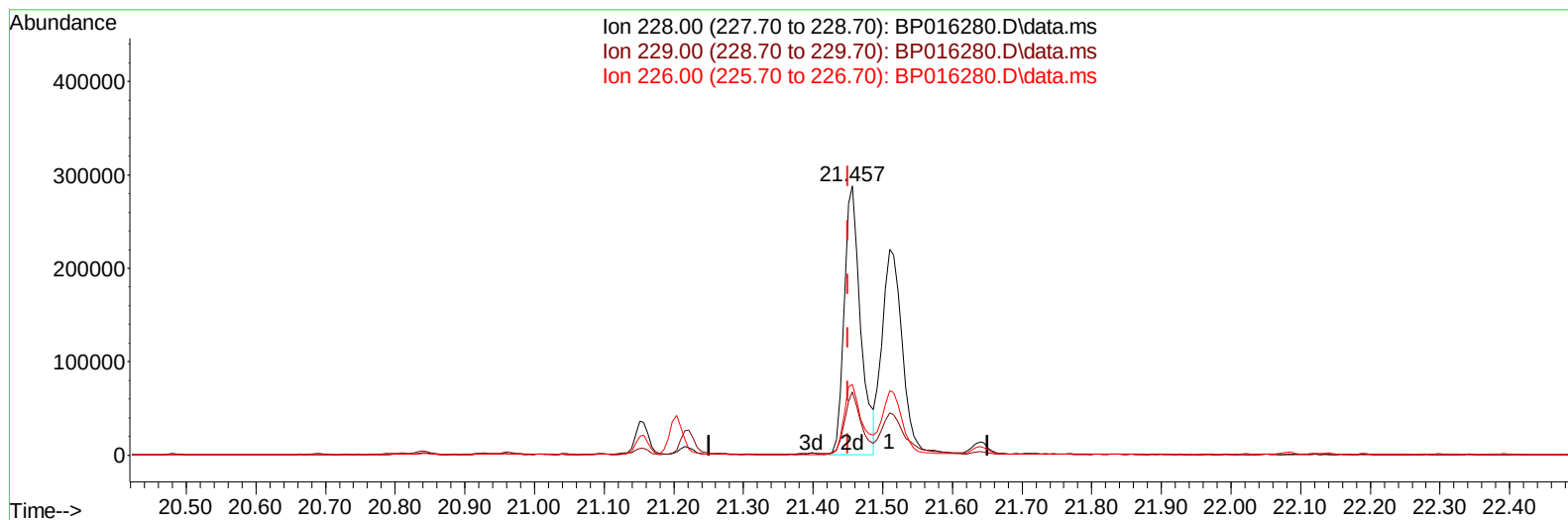
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:24:20 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: BP016280.D\data.ms

(85) Benzo(a)anthracene

21.457min (+ 0.006) 4.16 ng/ul m

response 473860

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	23.56#
226.00	26.90	26.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016280.D
 Acq On : 18 Jul 2023 06:50
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46L3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 18 07:25:48 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	239210	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	1120652	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	721797	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1743081	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1749704	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	1832550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15708	2.324	ng/uL	0.00
4) Pyridine-d5	3.775	84	27296	1.619	ng/ul	0.04
7) Phenol-d5	7.163	99	268760	12.439	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	185710	12.711	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	212046	13.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	82971m	4.767	ng/ul	0.04
21) Nitrobenzene-d5	9.169	128	104175	13.474	ng/ul	0.02
24) 2-Nitrophenol-d4	9.899	143	112466	12.763	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.510	165	189790m	12.438	ng/ul	0.06
31) 4-Chloroaniline-d4	11.104	131	13070m	0.534	ng/ul	0.15
46) Dimethylphthalate-d6	14.034	166	794675	14.433	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	830639	13.766	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	86938m	7.737	ng/ul	0.04
60) Fluorene-d10	15.616	176	724861	15.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	79556m	7.906	ng/ul	0.04
73) Anthracene-d10	17.486	188	845792	11.093	ng/ul	0.00
81) Pyrene-d10	19.710	212	1217072	13.405	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	591504	6.721	ng/ul	0.00
Target Compounds						
						Qvalue
16) Acetophenone	8.840	105	109386	3.811	ng/ul	95
50) Acenaphthylene	14.340	152	87764	1.266	ng/ul	97
56) Dibenzofuran	15.045	168	64623	1.012	ng/ul	100
61) Fluorene	15.681	166	79234	1.486	ng/ul	100
72) Phenanthrene	17.416	178	1112794	12.252	ng/ul	99
74) Anthracene	17.528	178	184352m	2.020	ng/ul	
80) Fluoranthene	19.386	202	1283107	12.085	ng/ul	99
82) Pyrene	19.739	202	780875	6.889	ng/ul	99
85) Benzo(a)anthracene	21.457	228	473860m	4.159	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.327	149	125326	1.716	ng/ul	98
87) Chrysene	21.510	228	443490	3.842	ng/ul	98
90) Benzo(b)fluoranthene	23.210	252	471069	4.500	ng/ul	96
91) Benzo(k)fluoranthene	23.257	252	166943	1.567	ng/ul	96
93) Benzo(a)pyrene	23.857	252	116920	1.128	ng/ul#	82

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

