

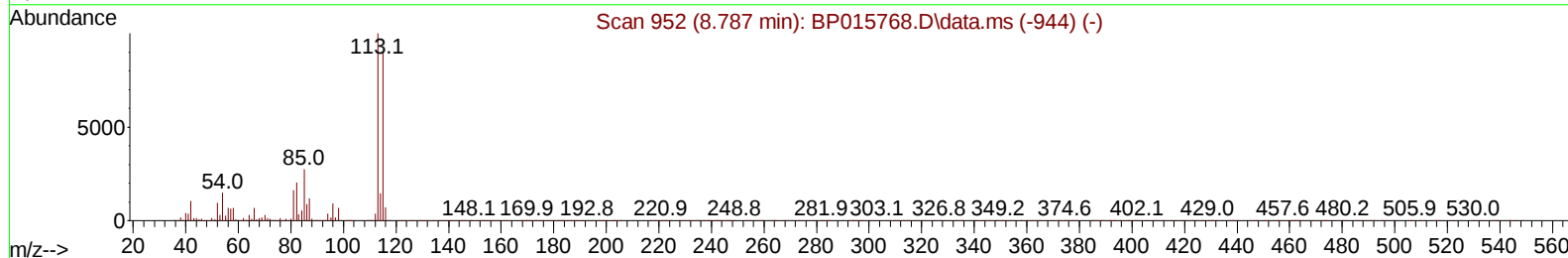
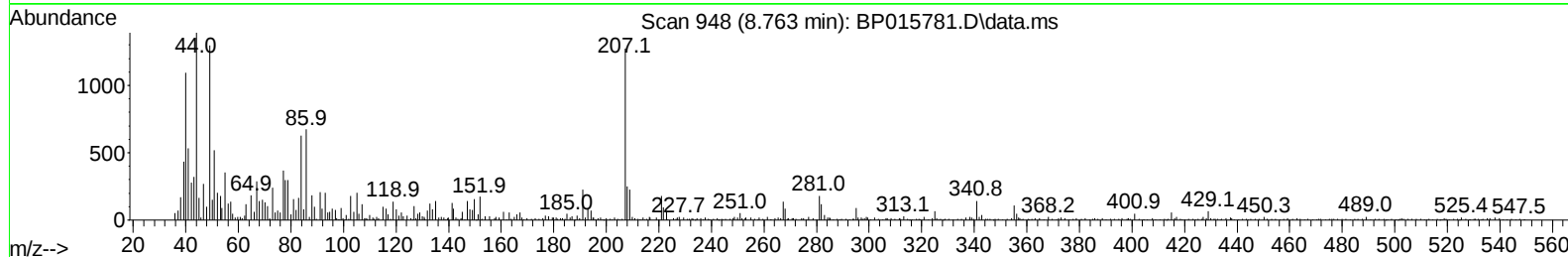
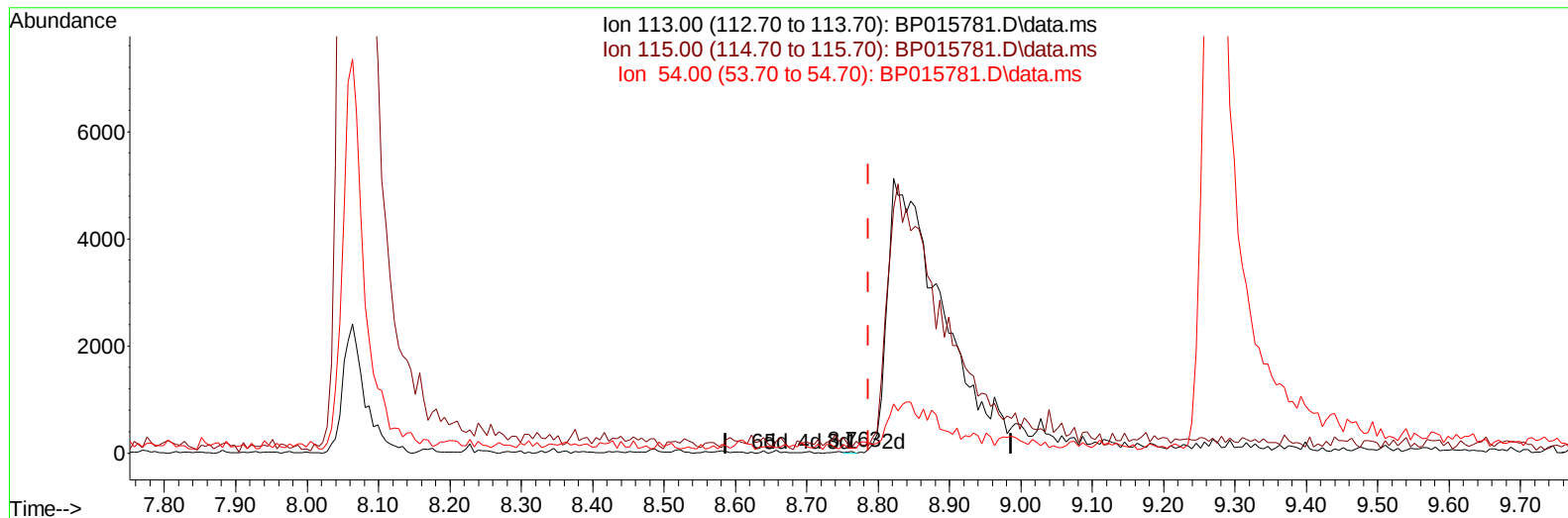
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:13:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.763min (-0.023) 0.00 ng/u1

response 19

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	280.56#
54.00	16.10	250.00#
0.00	0.00	0.00

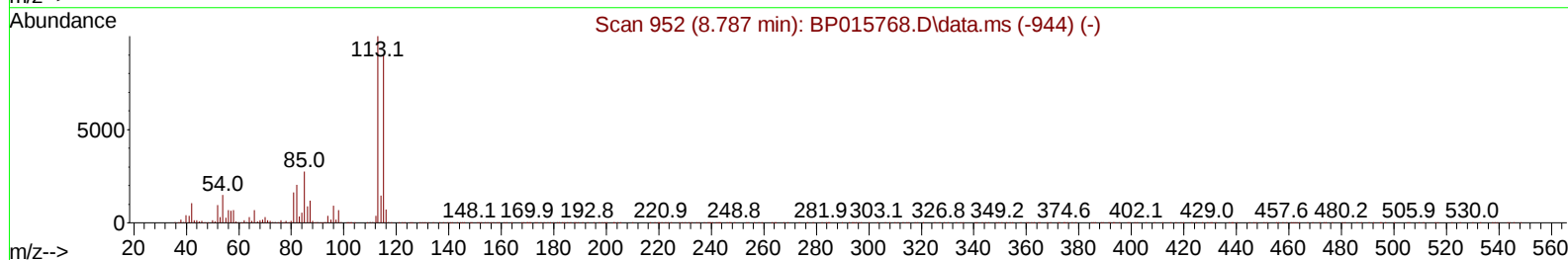
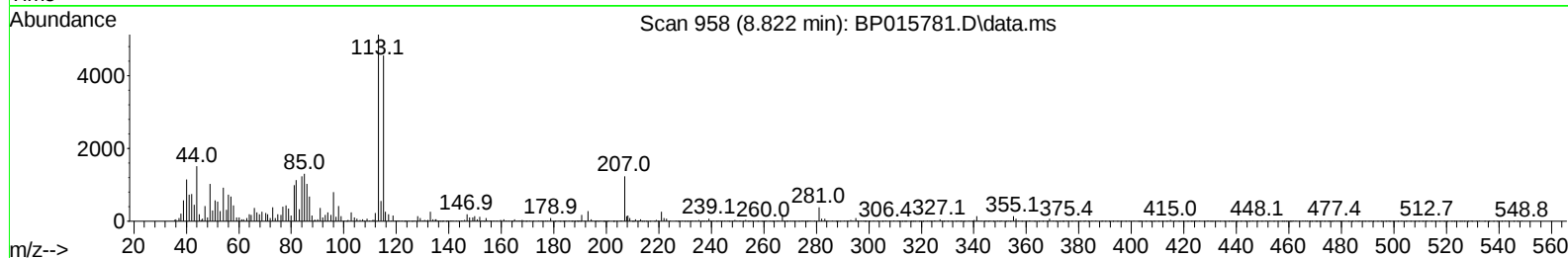
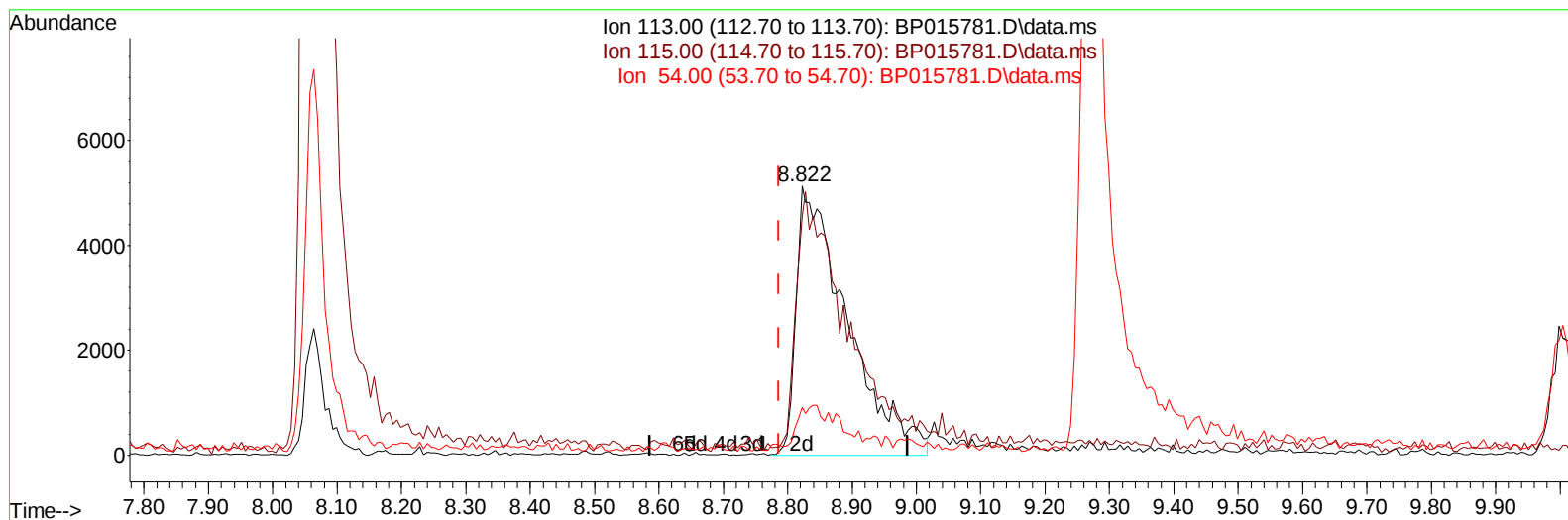
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:13:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.822min (+ 0.035) 2.54 ng/ul m

response 28268

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	88.93
54.00	16.10	17.91
0.00	0.00	0.00

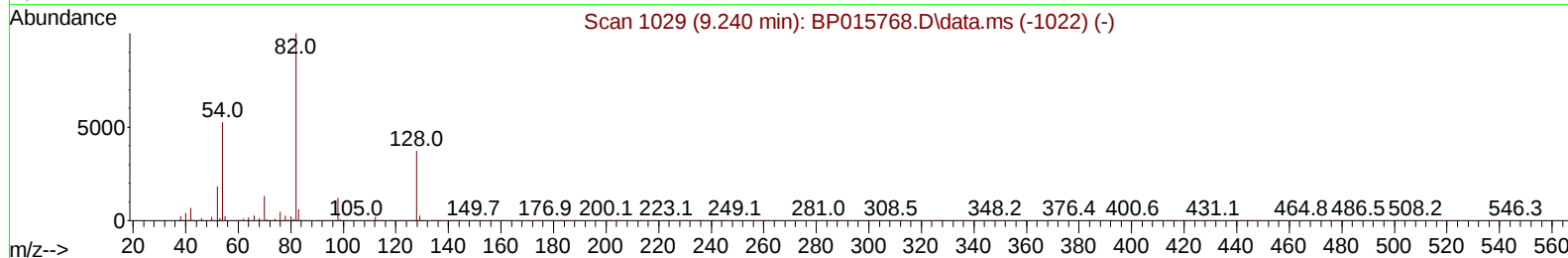
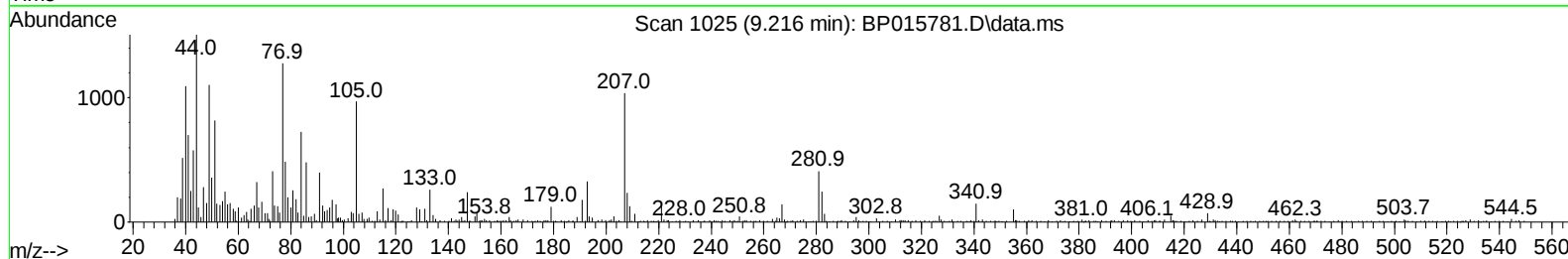
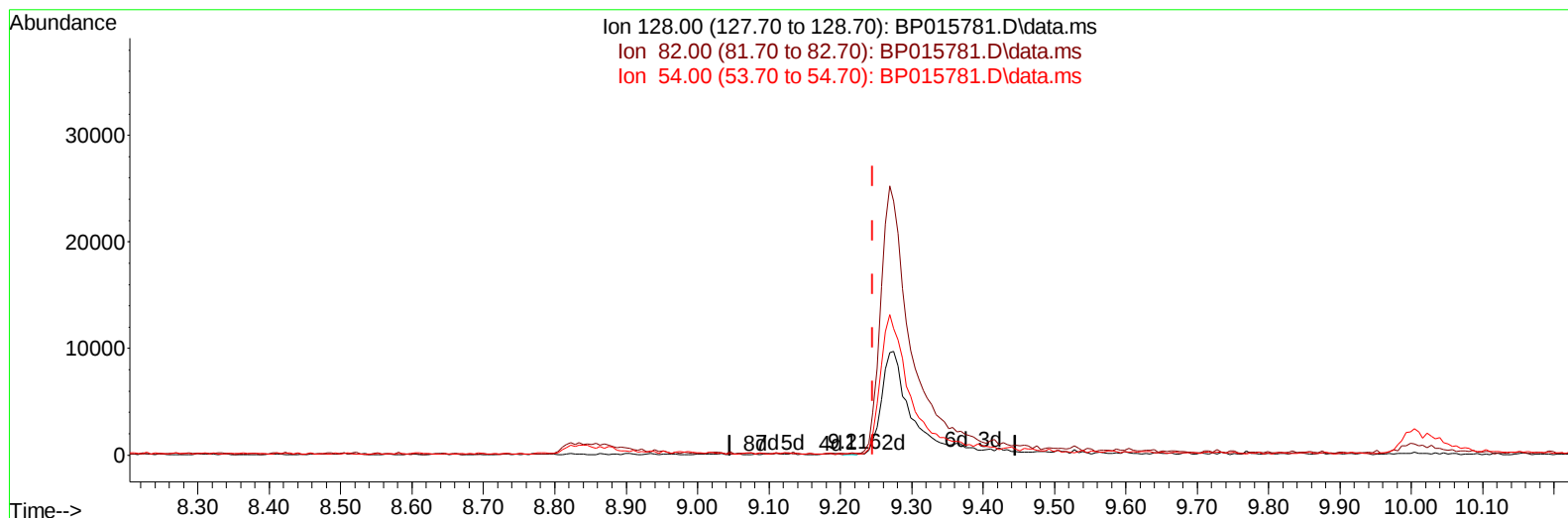
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:13:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(21) Nitrobenzene-d5 (S)

9.216min (-0.029) 0.01 ng/u1

response 55

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	221.01
54.00	141.60	140.34
0.00	0.00	0.00

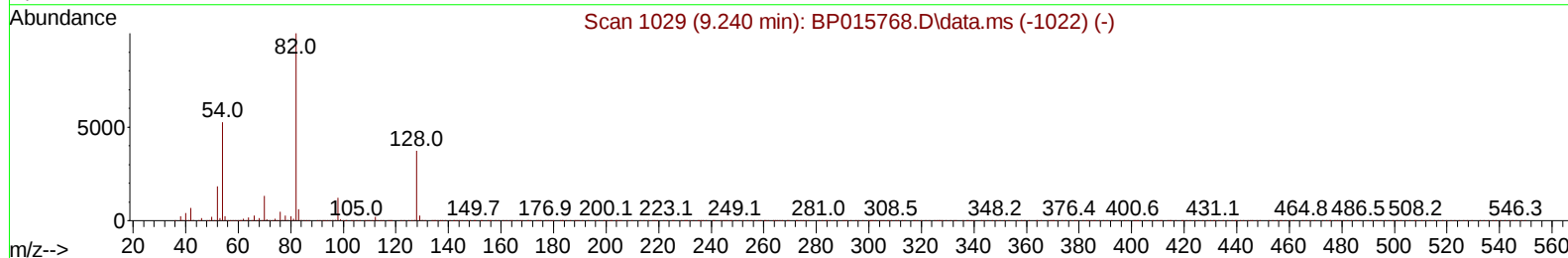
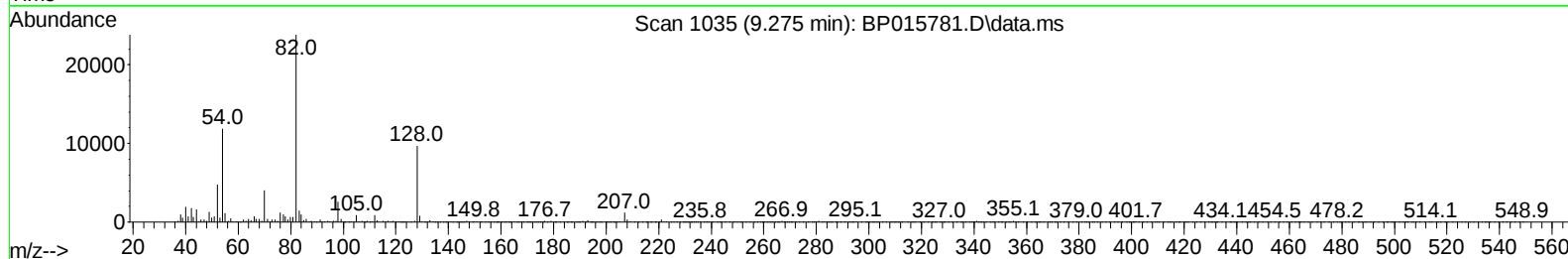
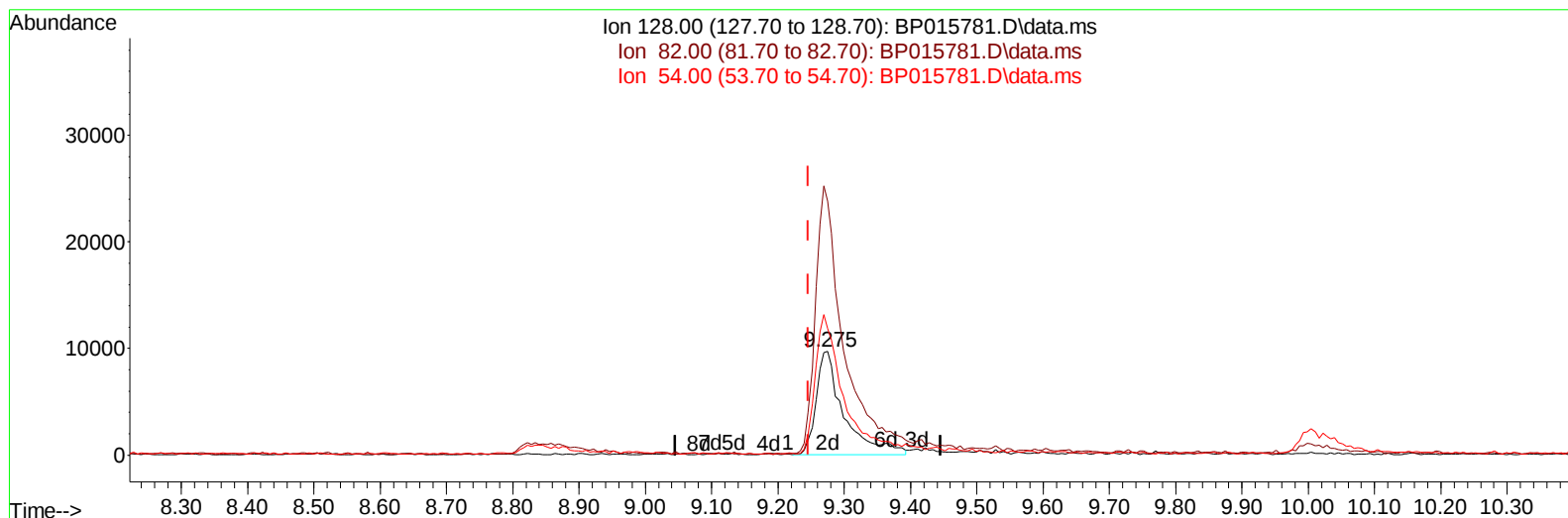
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:13:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(21) Nitrobenzene-d5 (S)

9.275min (+ 0.029) 5.38 ng/u1 m

response 28696

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	244.93
54.00	141.60	122.14
0.00	0.00	0.00

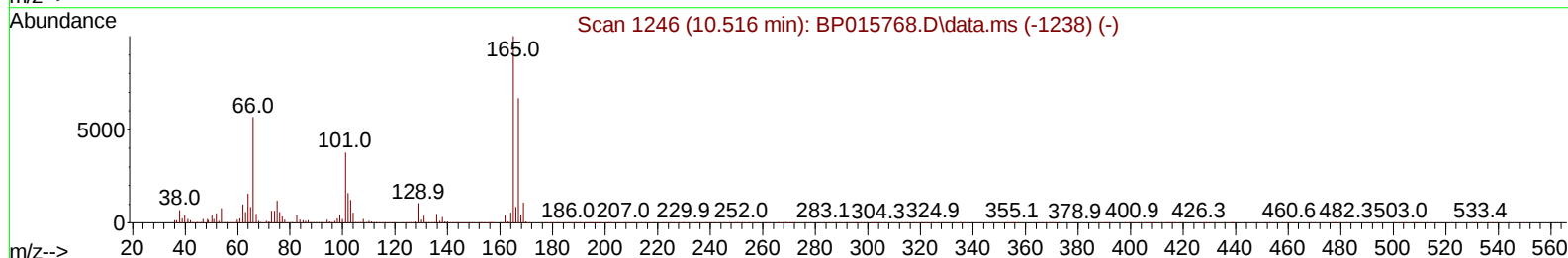
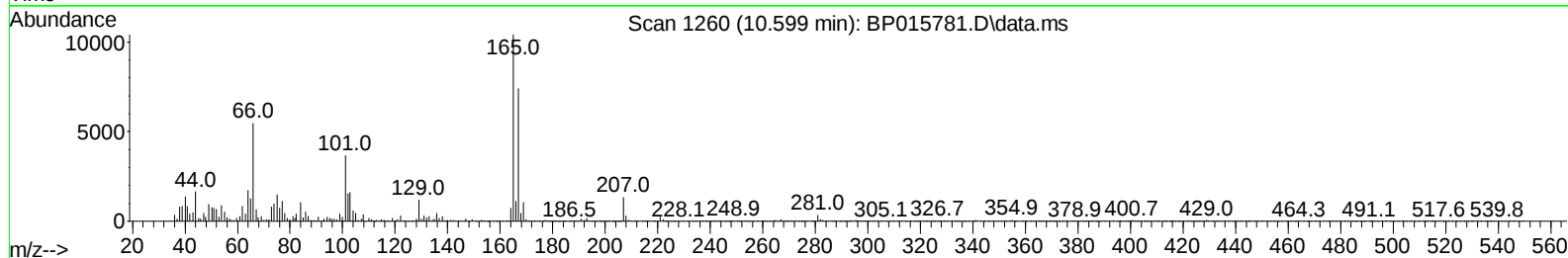
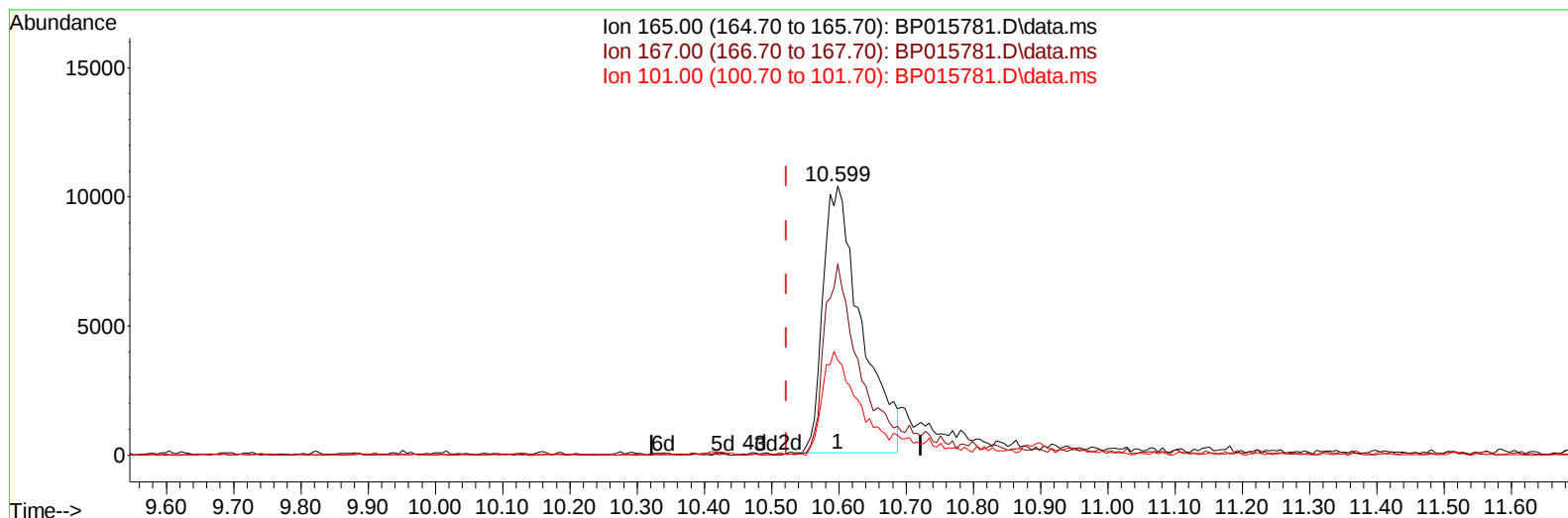
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

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

10.599min (+ 0.077) 3.67 ng/u1

response 40719

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	71.04
101.00	37.30	35.35
0.00	0.00	0.00

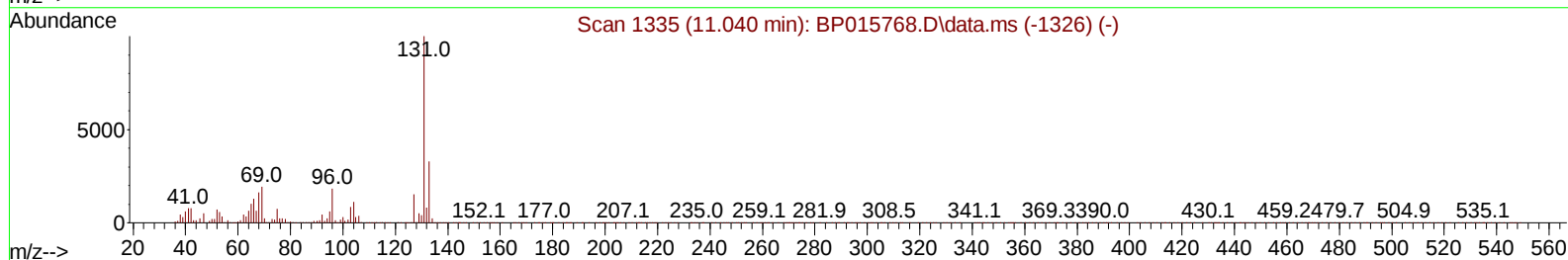
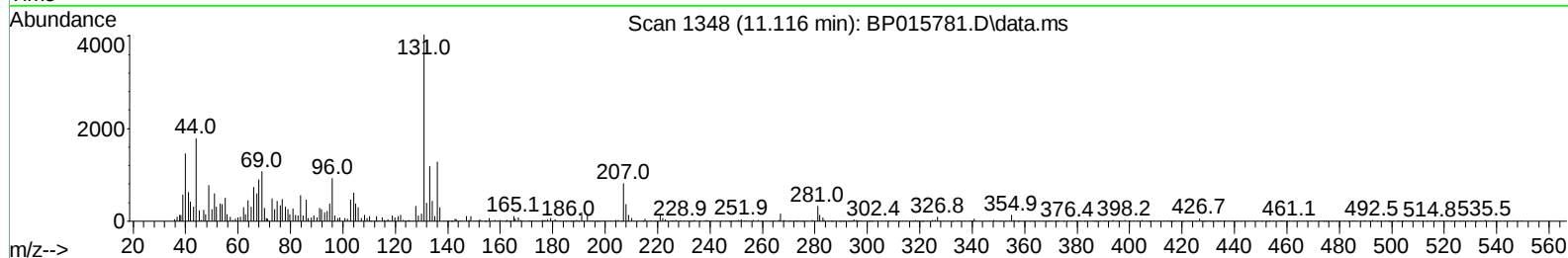
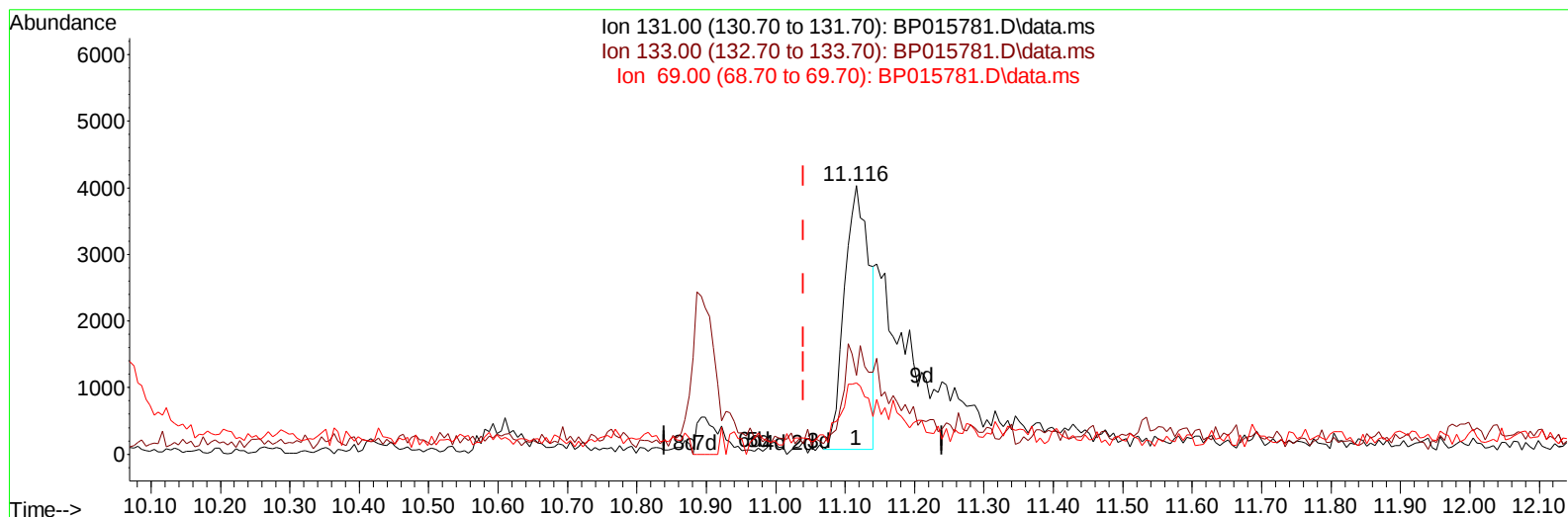
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.116min (+ 0.077) 0.69 ng/u1

response 9842

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	29.38
69.00	22.20	26.63
0.00	0.00	0.00

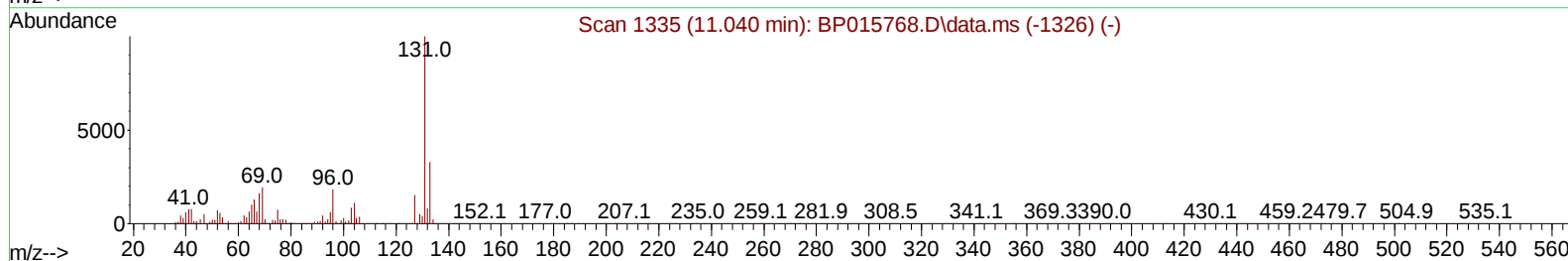
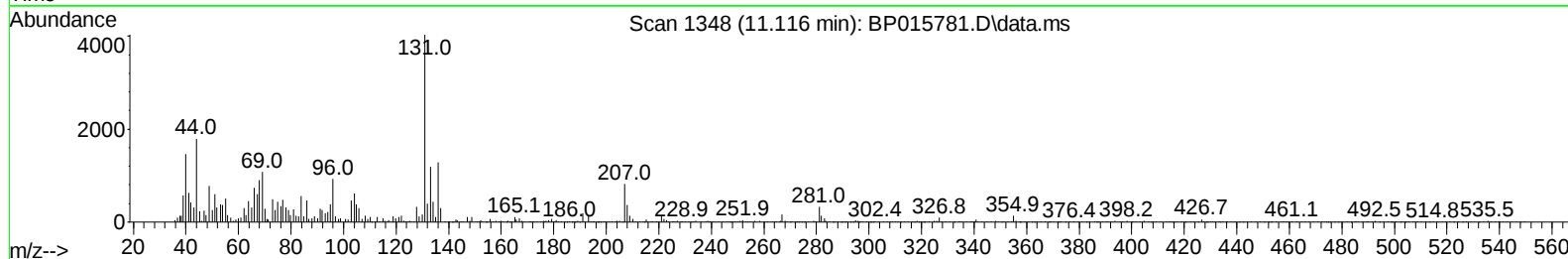
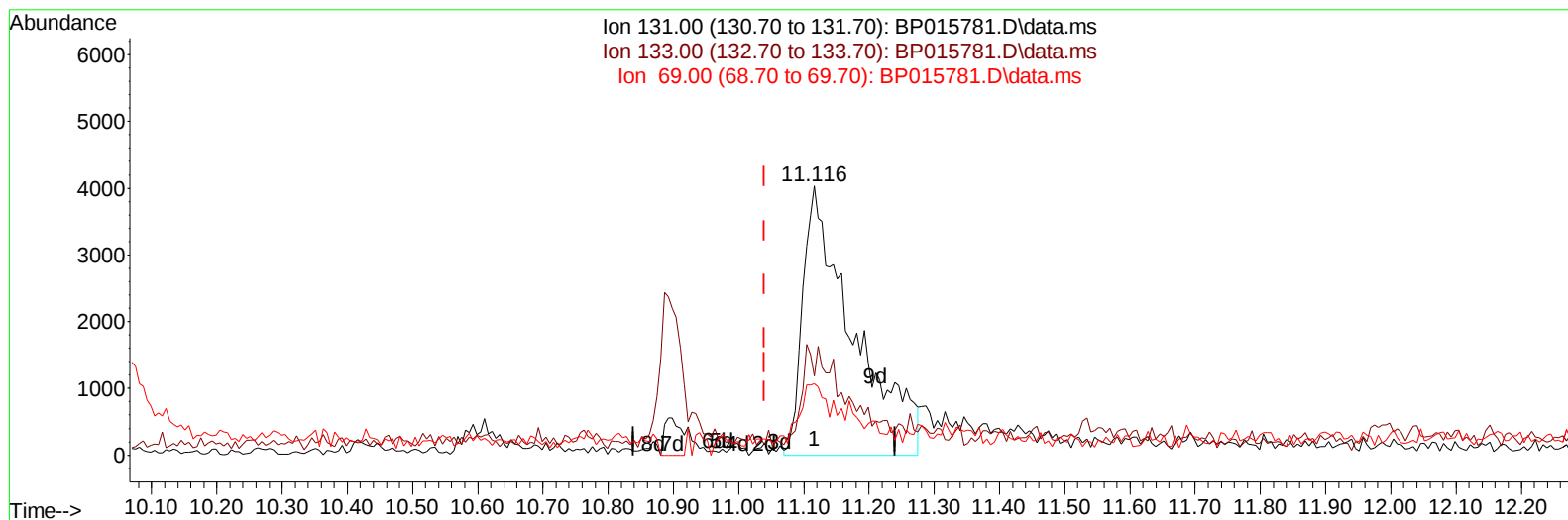
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.116min (+ 0.077) 1.51 ng/ul m

response 21582

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	29.38
69.00	22.20	26.63
0.00	0.00	0.00

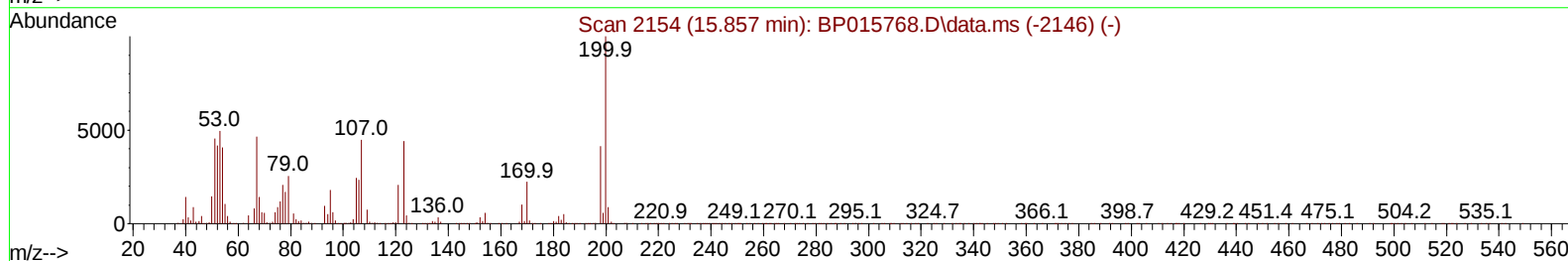
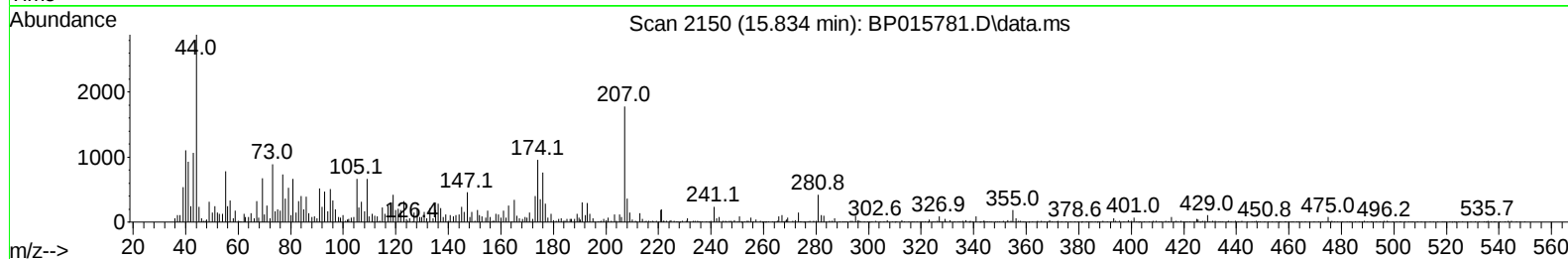
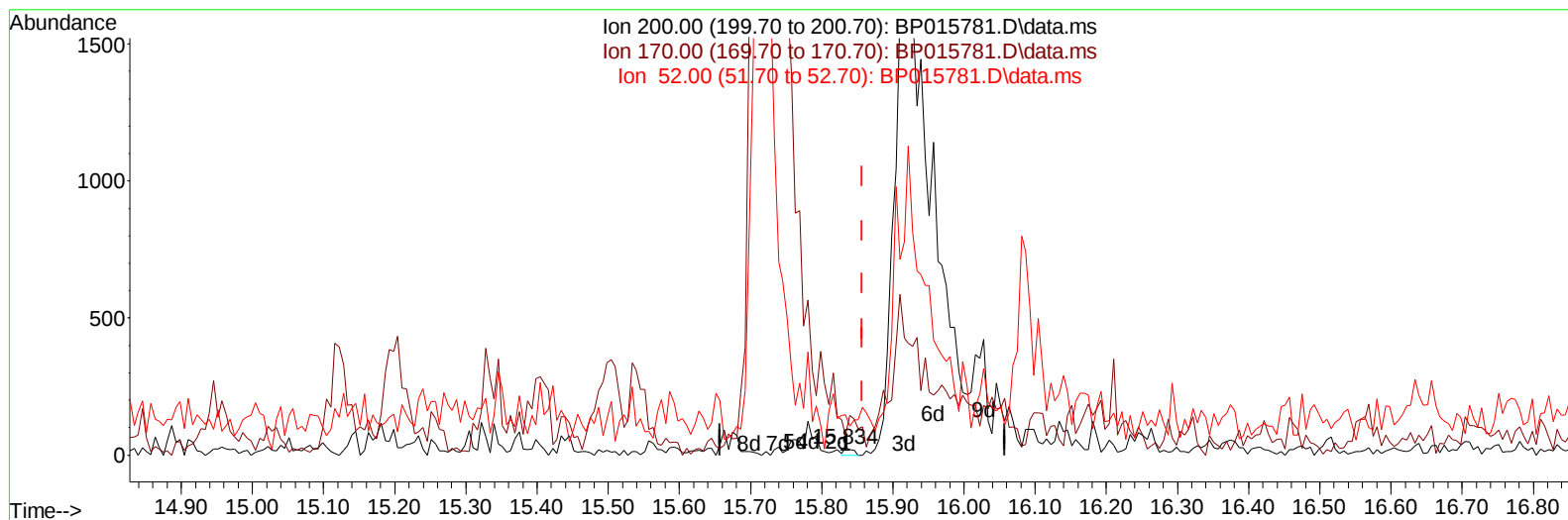
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

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

15.834min (-0.023) 0.01 ng/u1

response 23

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	280.77#
52.00	52.20	565.38#
0.00	0.00	0.00

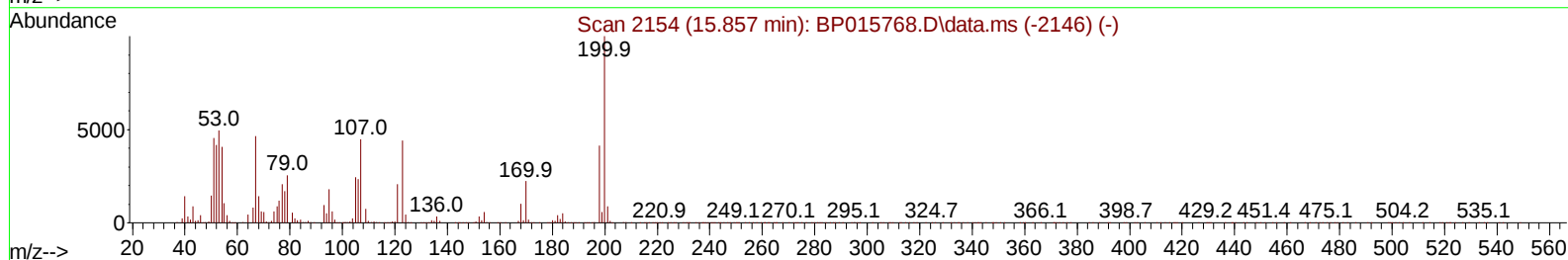
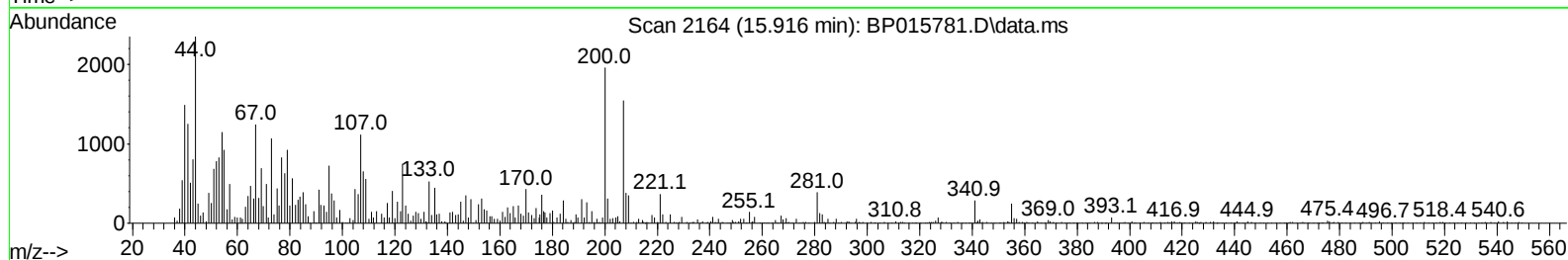
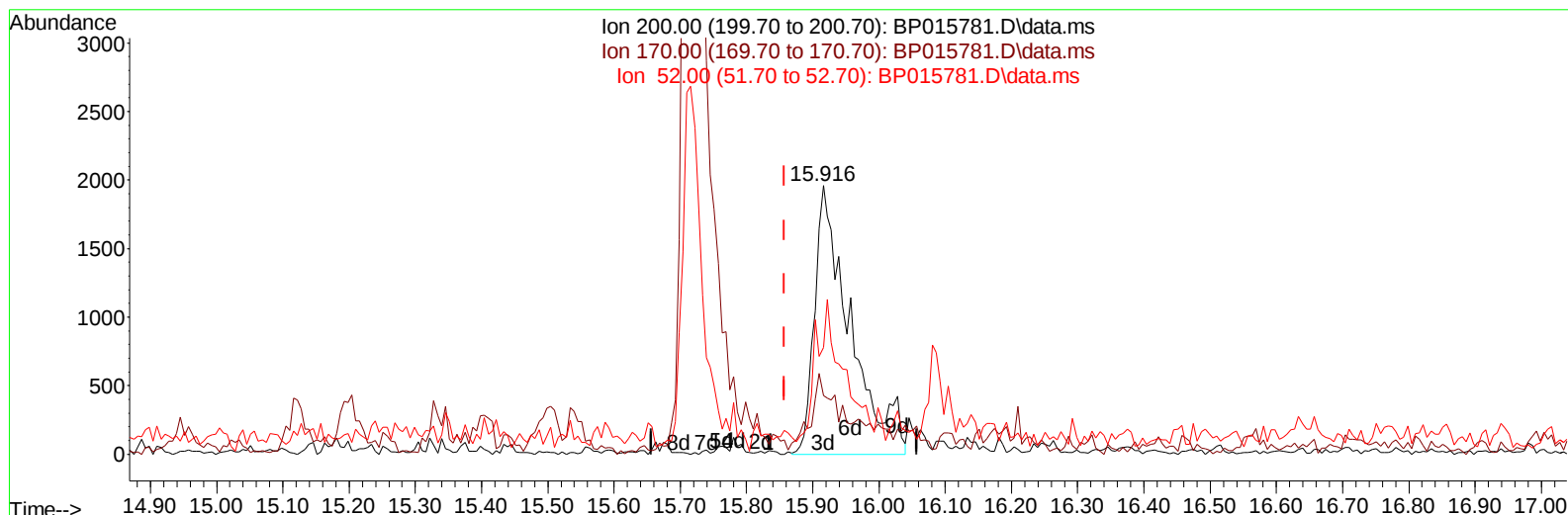
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

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

15.916min (+ 0.059) 1.66 ng/ul m

response 7233

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	21.80
52.00	52.20	39.71#
0.00	0.00	0.00

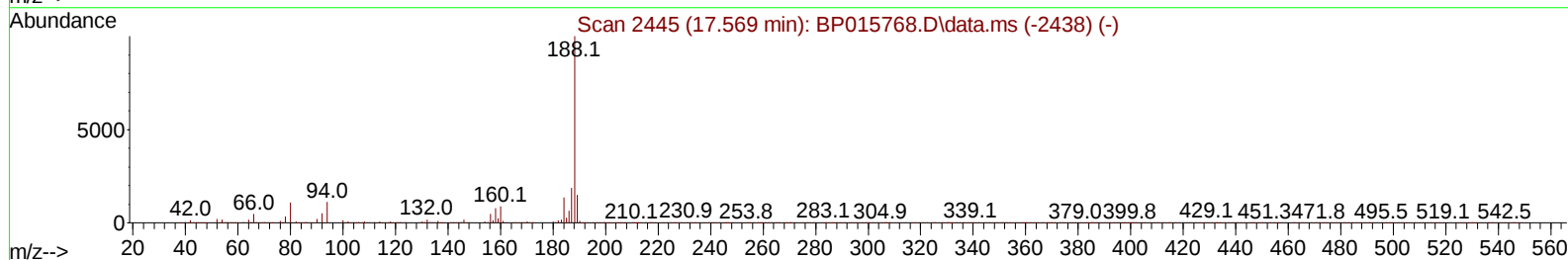
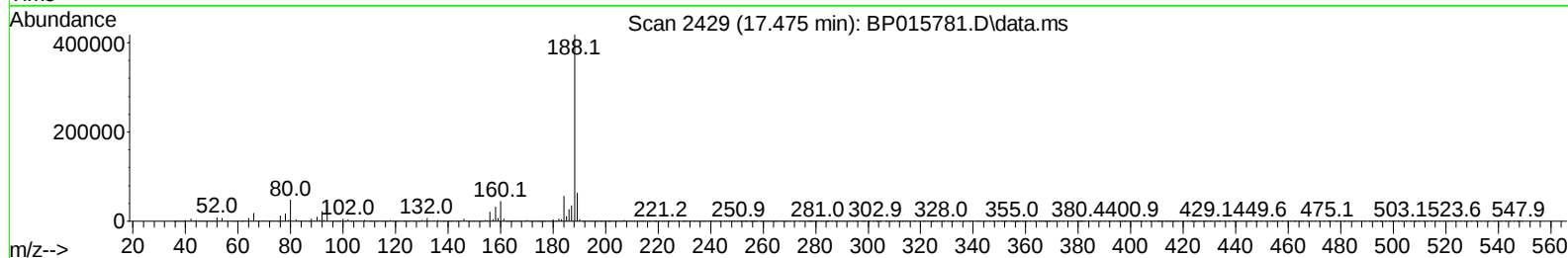
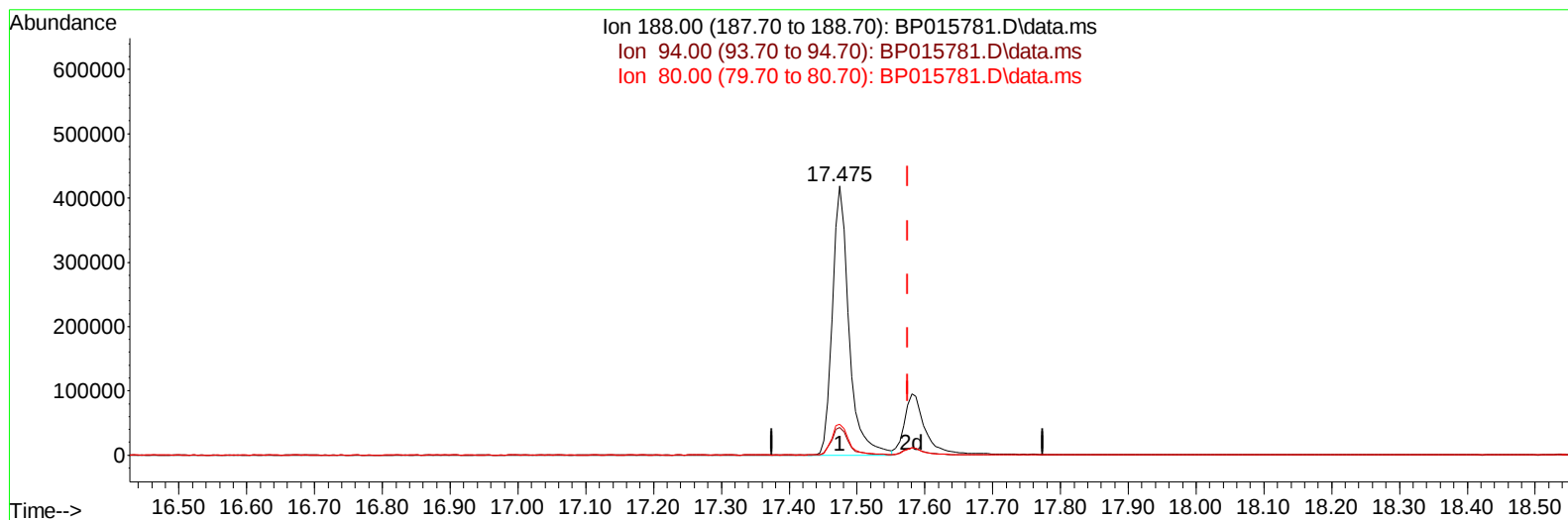
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(73) Anthracene-d10 (S)

17.475min (-0.100) 21.89 ng/u1

response 709503

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	10.32
80.00	9.80	11.48
0.00	0.00	0.00

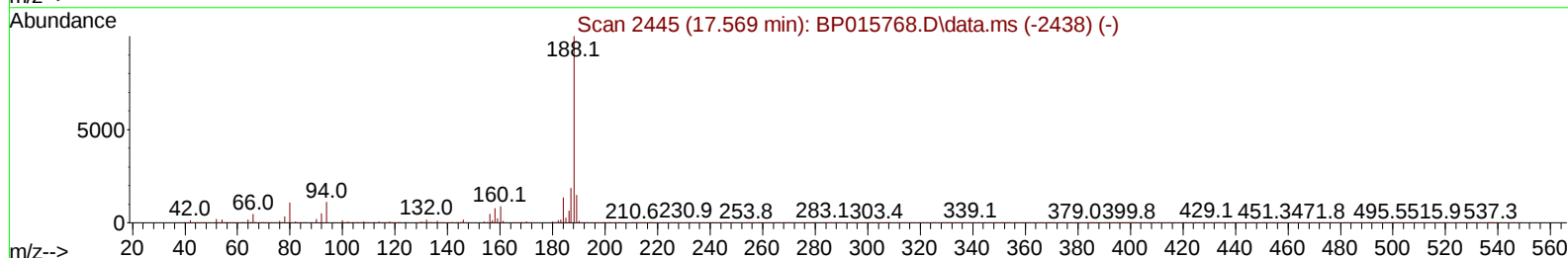
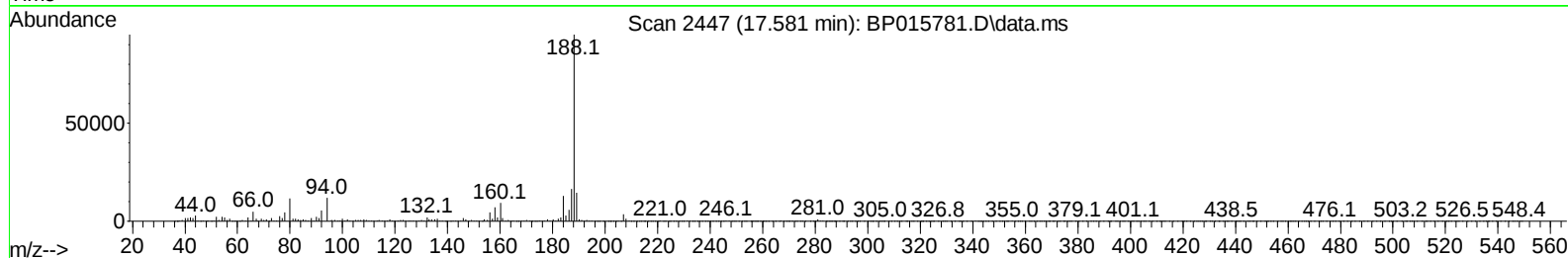
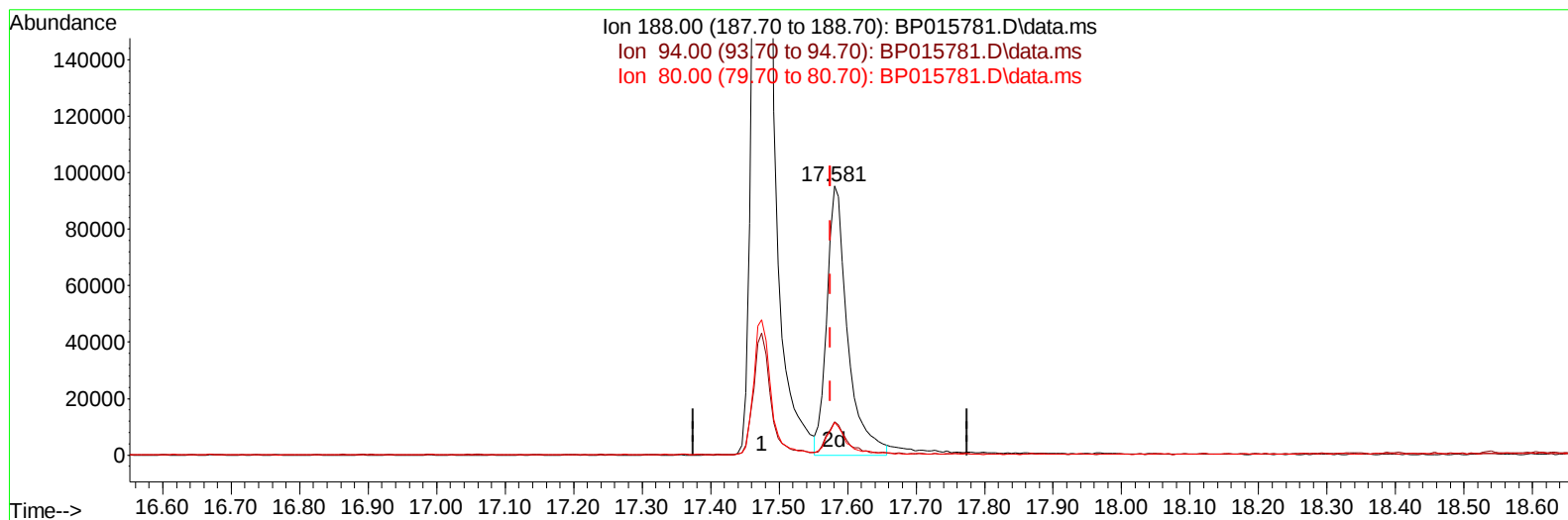
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:15:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(73) Anthracene-d10 (S)

17.581min (+ 0.006) 6.15 ng/ul m

response 199470

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	12.40#
80.00	9.80	12.14#
0.00	0.00	0.00

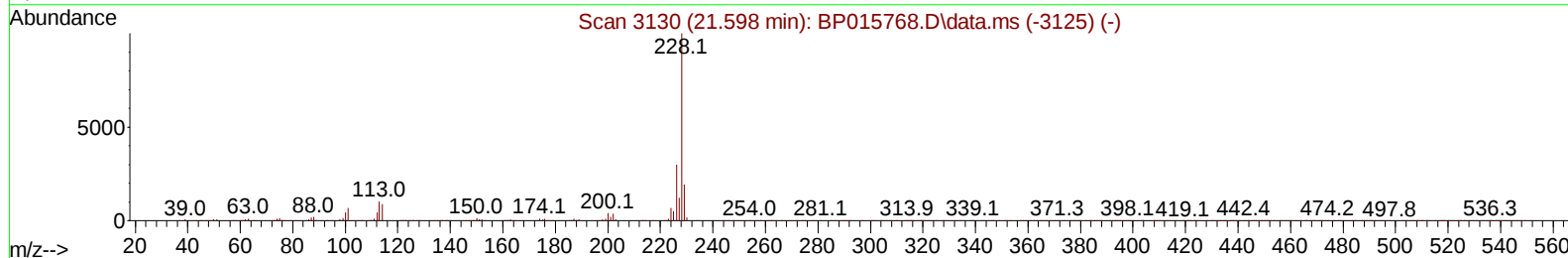
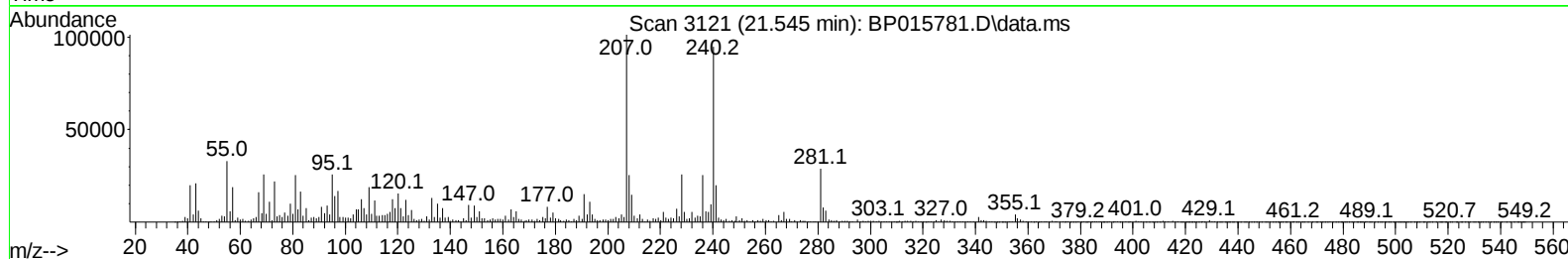
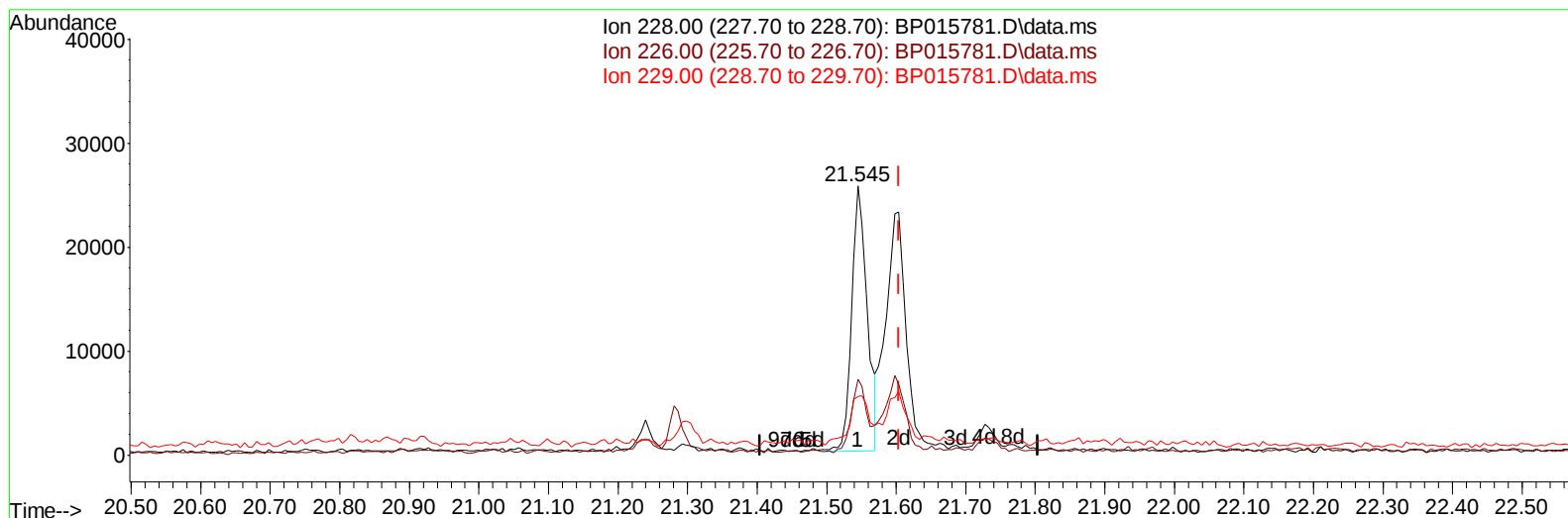
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:16:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(87) Chrysene

21.545min (-0.059) 1.13 ng/u1

response 39202

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	28.29
229.00	19.40	21.83
0.00	0.00	0.00

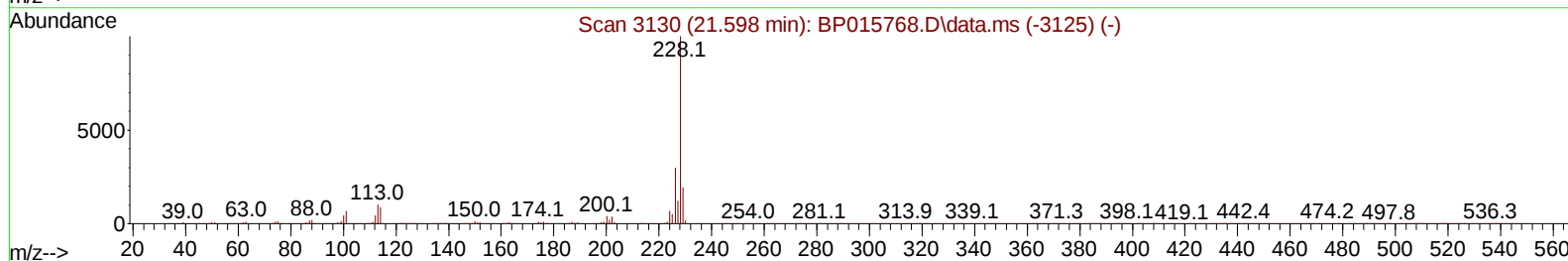
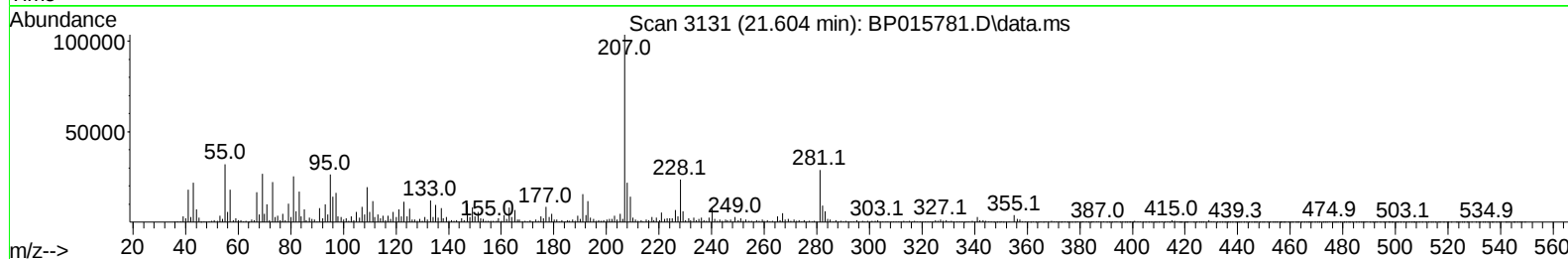
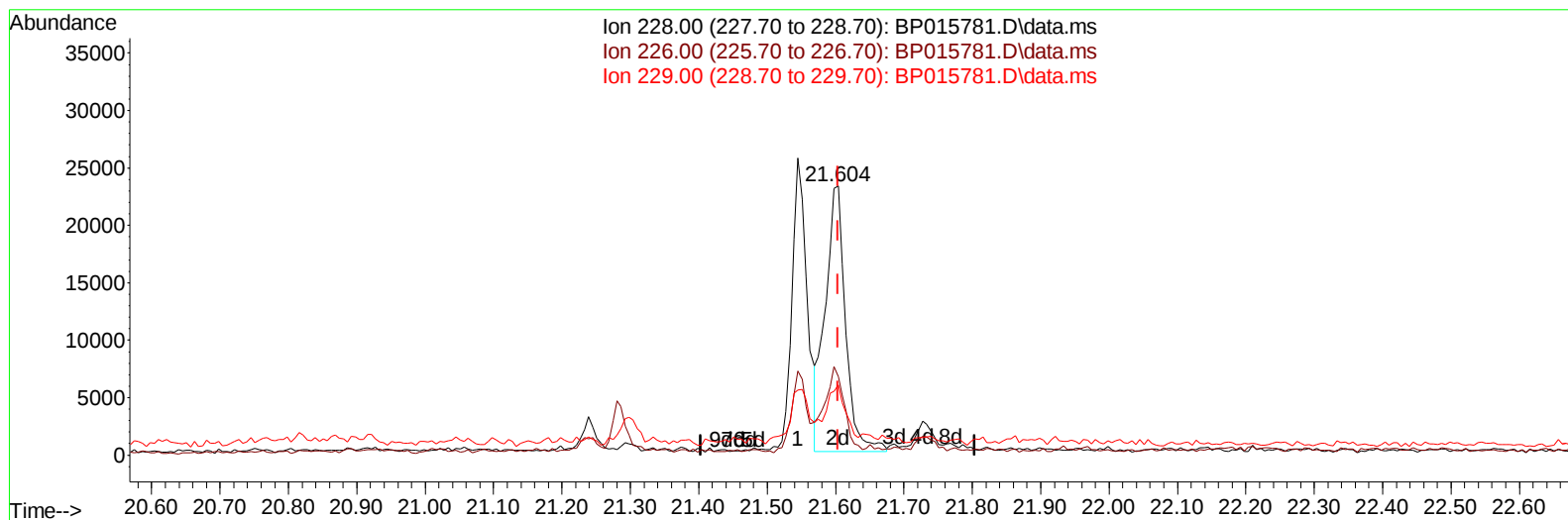
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:16:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



TIC: BP015781.D\data.ms

(87) Chrysene

21.604min (+ 0.000) 1.39 ng/ul m

response 48164

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	29.18
229.00	19.40	26.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015781.D
 Acq On : 28 Jun 2023 16:06
 Operator : MA/JU
 Sample : 03142-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 02:17:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	164629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	697945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	402228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	709503	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	520920	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	662386	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5306	1.160	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.263	99	55996	3.975	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.393	67	50743	5.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	55116	5.183	ng/ul	0.01
15) 4-Methylphenol-d8	8.822	113	28268m	2.540	ng/ul	0.04
21) Nitrobenzene-d5	9.275	128	28696m	5.380	ng/ul	0.03
24) 2-Nitrophenol-d4	10.010	143	28215	4.532	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.599	165	45859m	4.134	ng/ul	0.08
31) 4-Chloroaniline-d4	11.116	131	21582m	1.514	ng/ul	0.08
46) Dimethylphthalate-d6	14.128	166	187562	6.033	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	208843	5.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	152	0.037	ng/ul	0.00
60) Fluorene-d10	15.716	176	152878	5.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	7233m	1.658	ng/ul	0.06
73) Anthracene-d10	17.581	188	199470m	6.155	ng/ul	0.00
81) Pyrene-d10	19.798	212	215082	6.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	210526	6.301	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.480	202	80791	1.911	ng/ul#	96
82) Pyrene	19.827	202	68281	1.583	ng/ul#	95
85) Benzo(a)anthracene	21.545	228	38804	1.059	ng/ul	96
87) Chrysene	21.604	228	48164m	1.385	ng/ul	
90) Benzo(b)fluoranthene	23.327	252	71244	1.674	ng/ul#	74
93) Benzo(a)pyrene	23.992	252	39143	1.053	ng/ul#	77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015781.D
Acq On : 28 Jun 2023 16:06
Operator : MA/JU
Sample : 03142-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT5

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

