

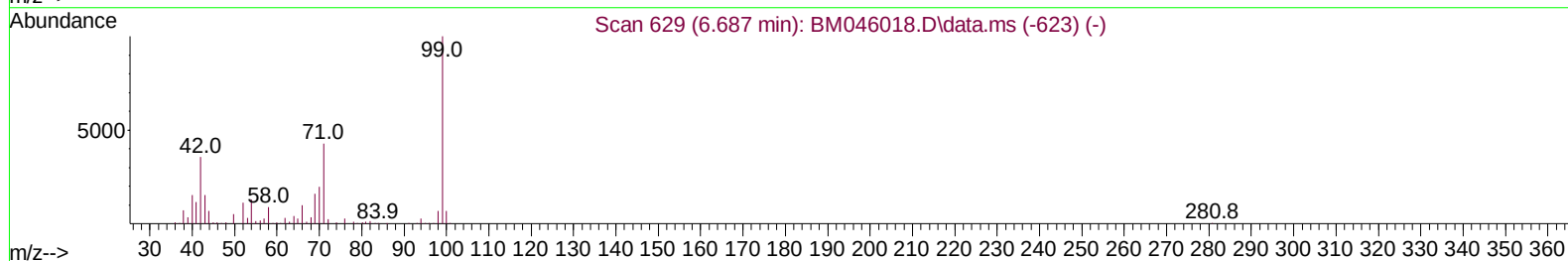
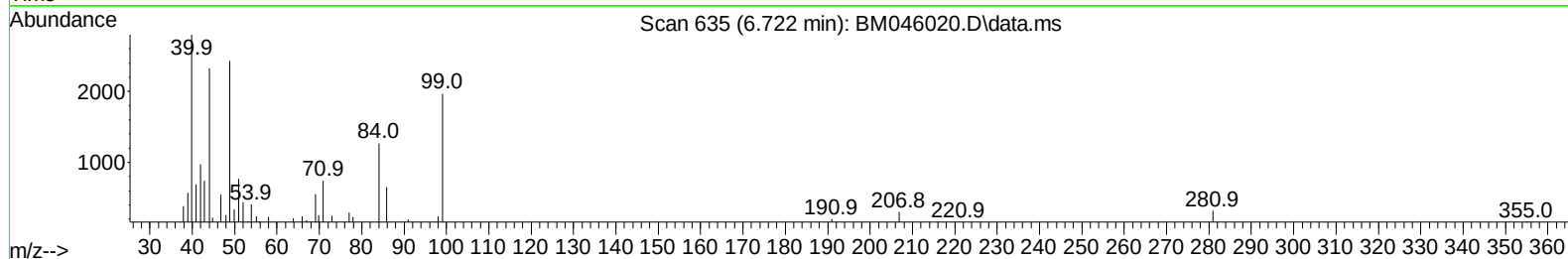
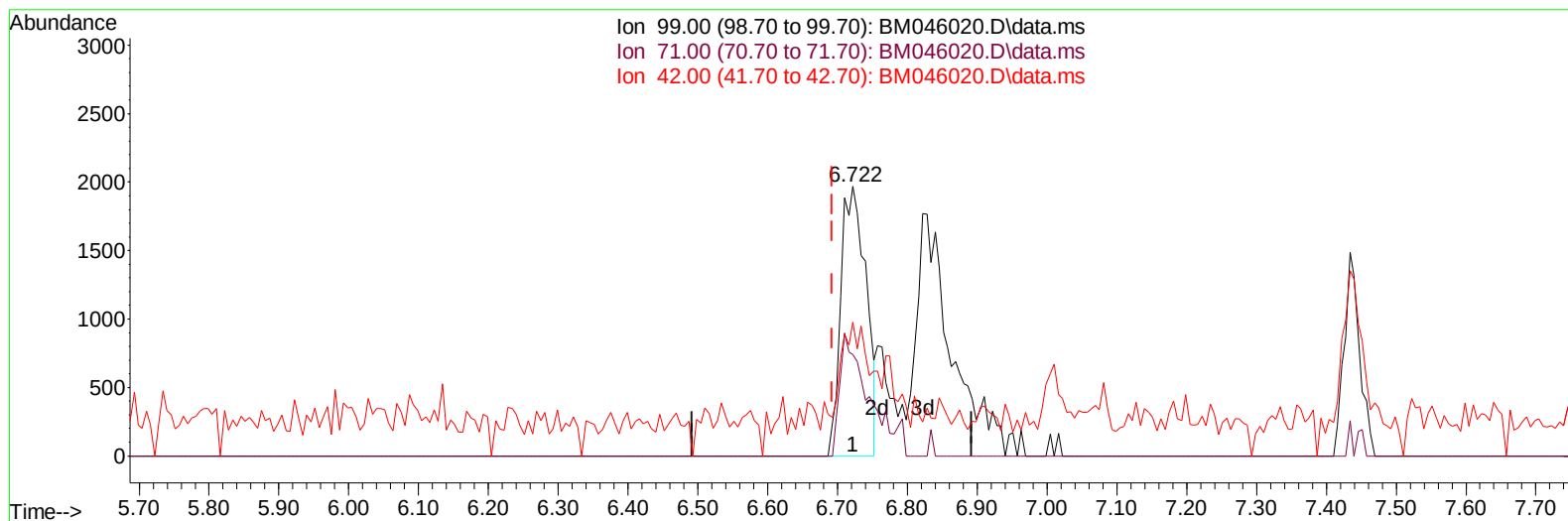
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046020.D
 Acq On : 13 Jun 2024 12:40
 Operator : MA/JU
 Sample : P2648-09 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(7) Phenol-d5 (S)

6.722min (+ 0.029) 0.73 ng/ul

response 4884

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	38.20	37.70
42.00	28.60	49.59#
0.00	0.00	0.00

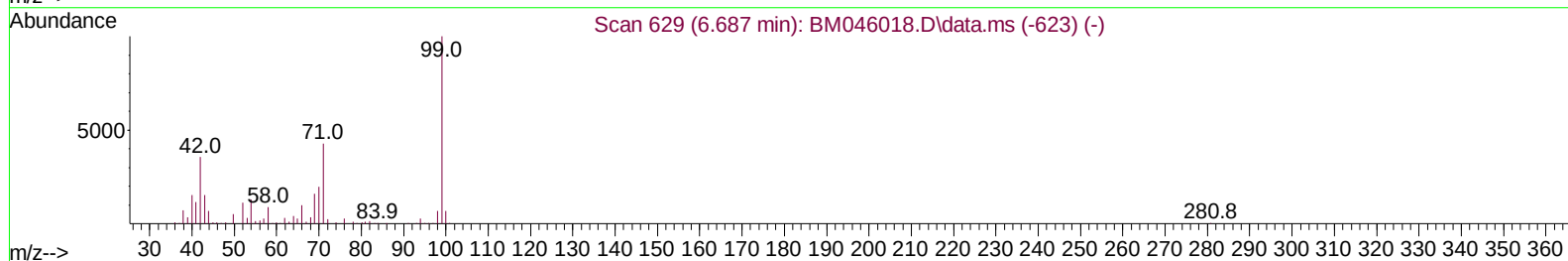
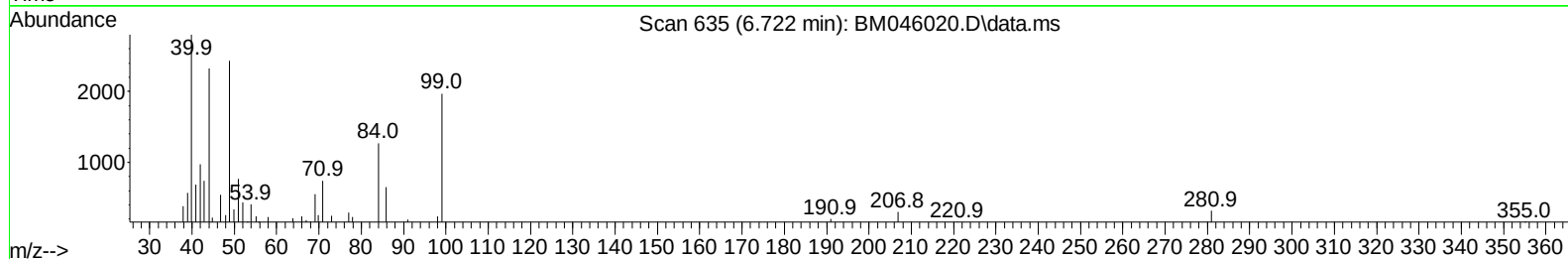
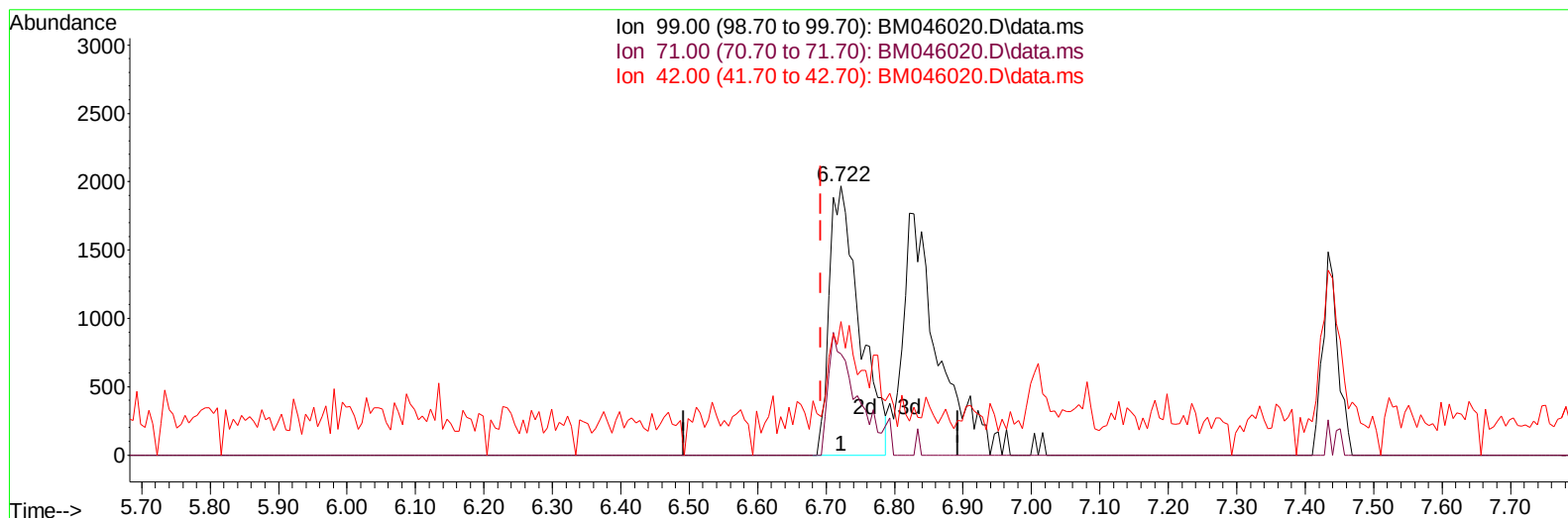
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046020.D
 Acq On : 13 Jun 2024 12:40
 Operator : MA/JU
 Sample : P2648-09 20X
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Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(7) Phenol-d5 (S)

6.722min (+ 0.029) 0.90 ng/ul m

response 6036

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	38.20	37.70
42.00	28.60	49.59#
0.00	0.00	0.00

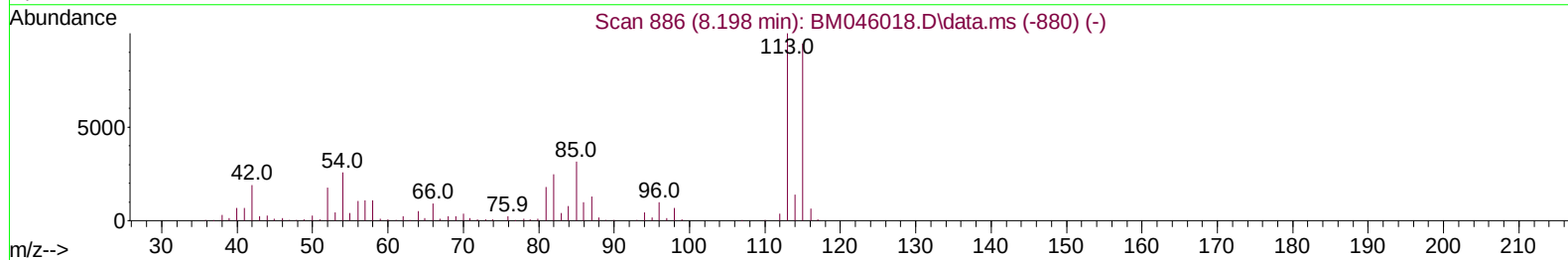
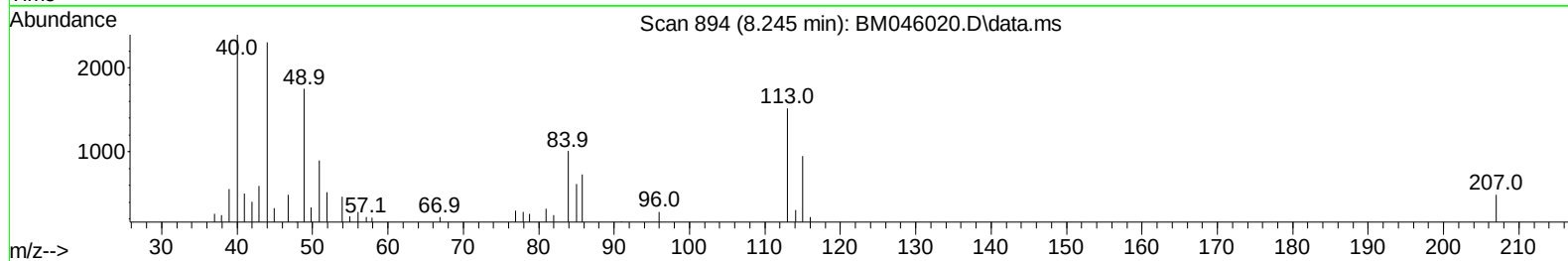
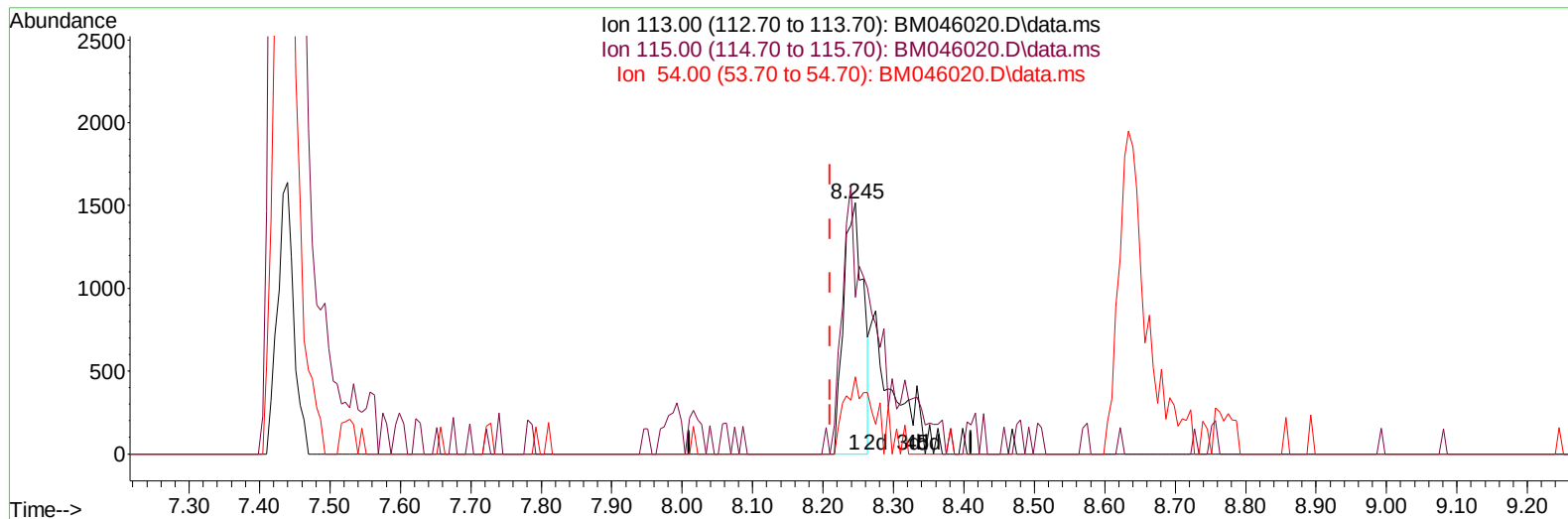
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BM046020.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.245min (+ 0.035) 0.57 ng/u1

response 2891

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.10	62.36#
54.00	20.70	30.85#
0.00	0.00	0.00

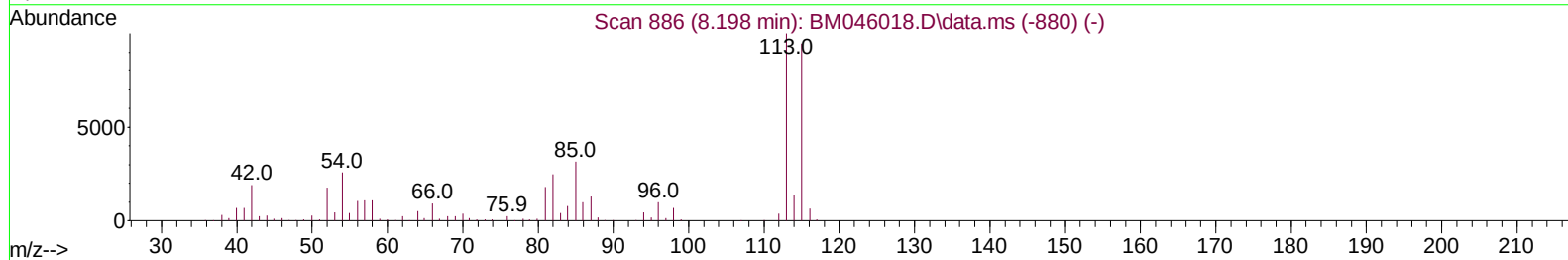
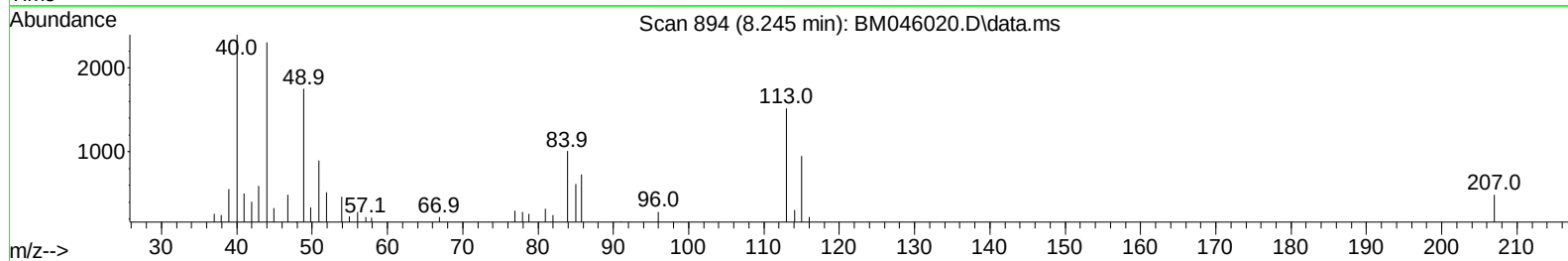
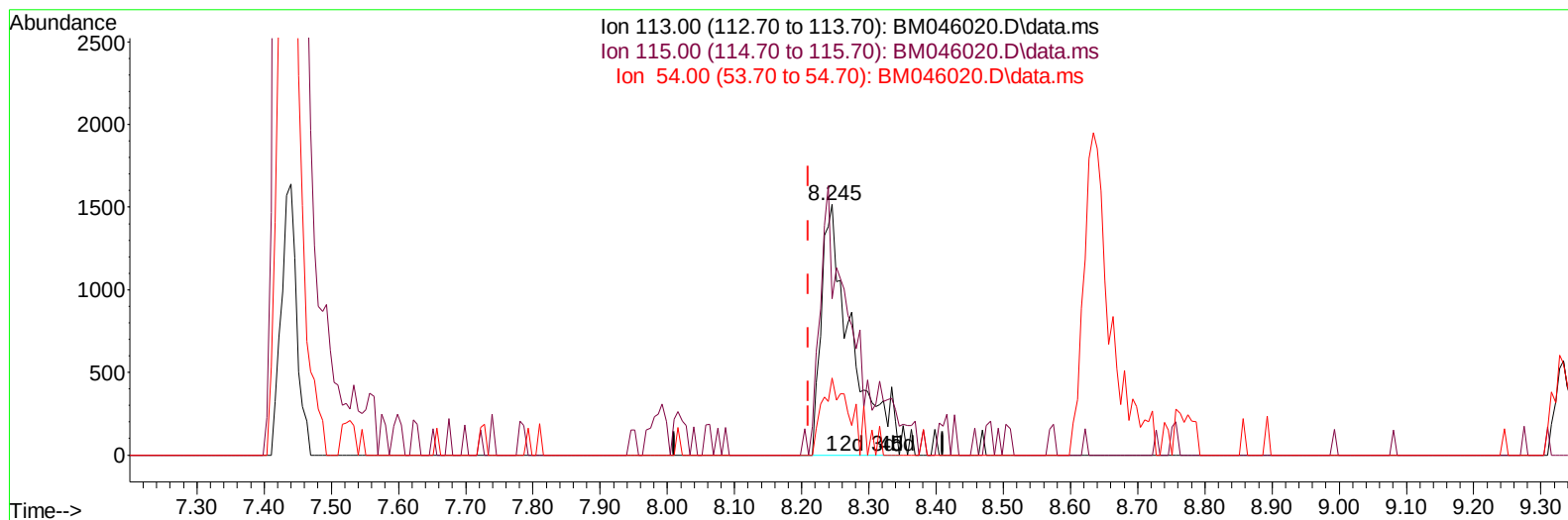
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.245min (+ 0.035) 0.95 ng/ul m

response 4791

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.10	62.36#
54.00	20.70	30.85#
0.00	0.00	0.00

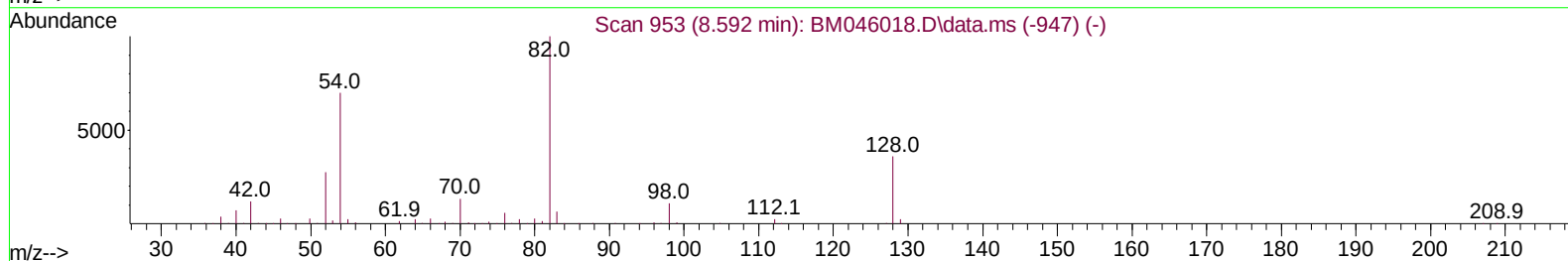
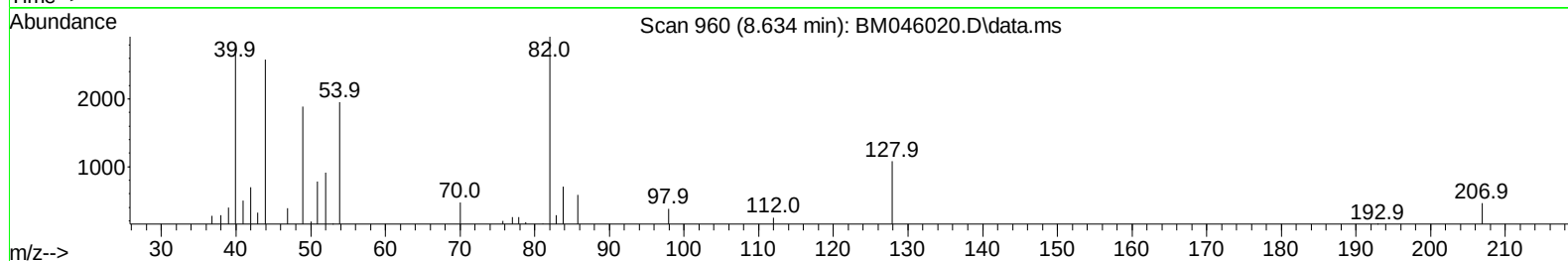
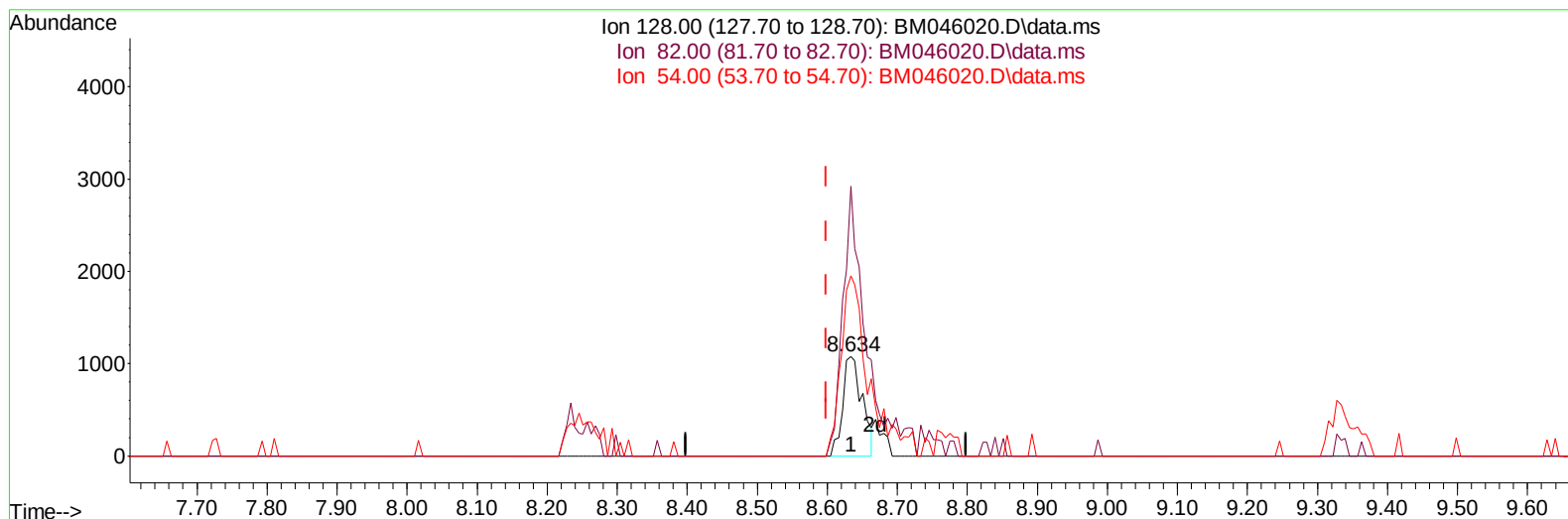
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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QLast Update : Tue Jun 11 16:01:34 2024
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TIC: BM046020.D\data.ms

(21) Nitrobenzene-d5 (S)

8.634min (+ 0.035) 0.84 ng/u1

response 2111

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	270.37
54.00	169.60	180.74
0.00	0.00	0.00

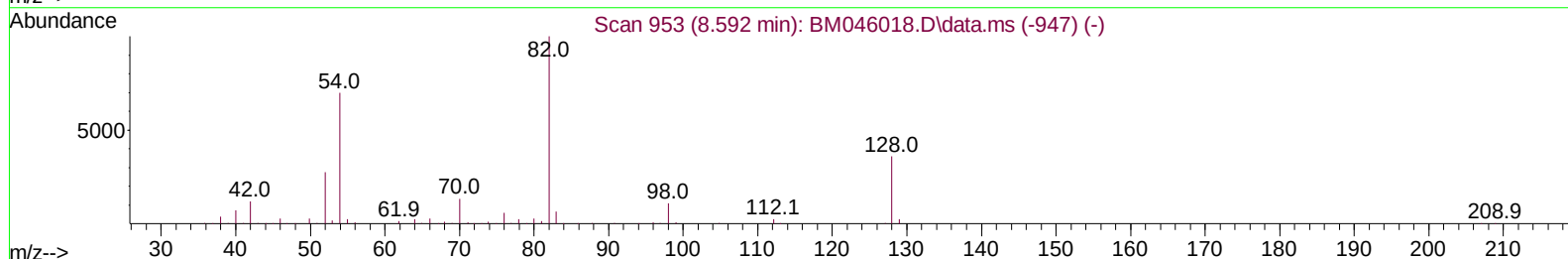
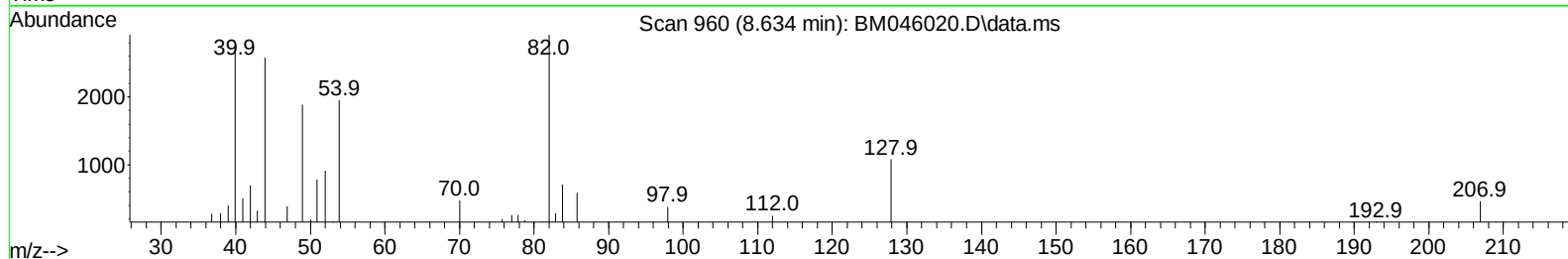
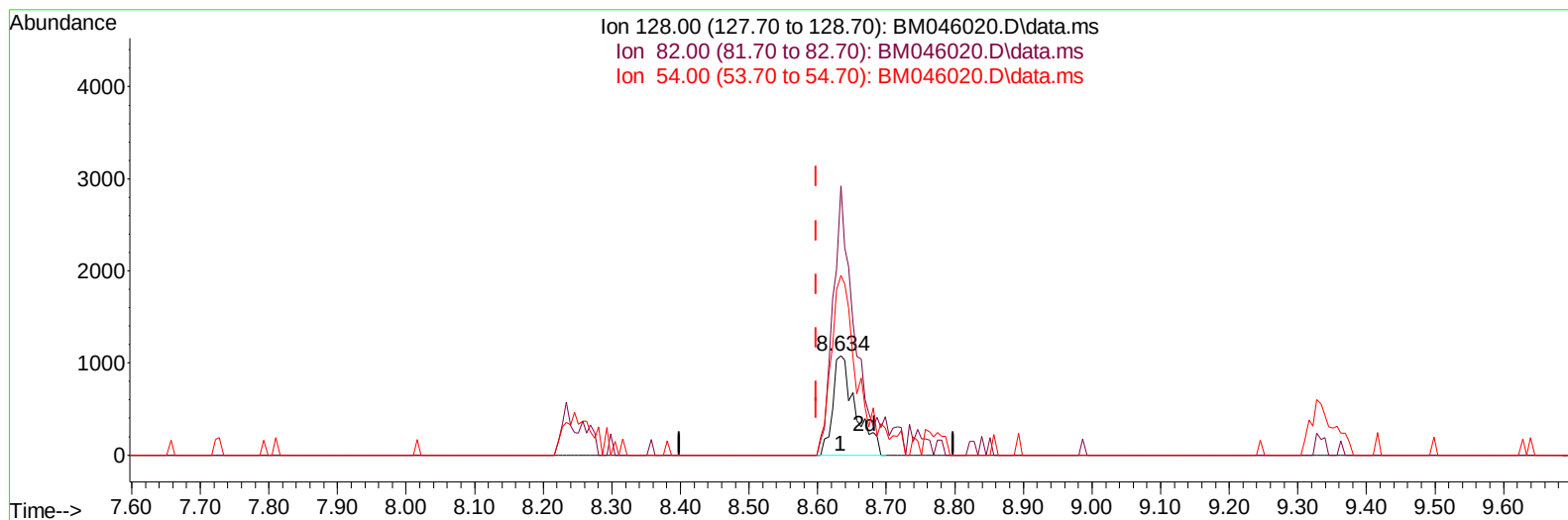
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(21) Nitrobenzene-d5 (S)

8.634min (+ 0.035) 0.99 ng/ul m

response 2489

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	264.80	270.37
54.00	169.60	180.74
0.00	0.00	0.00

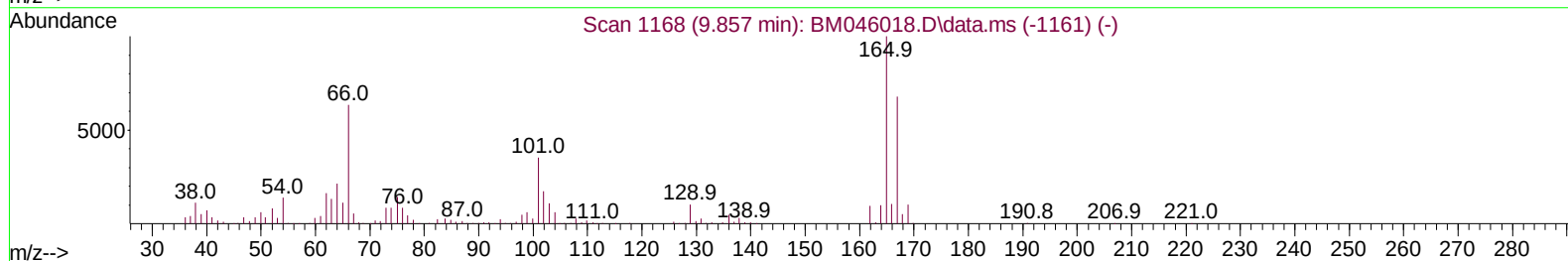
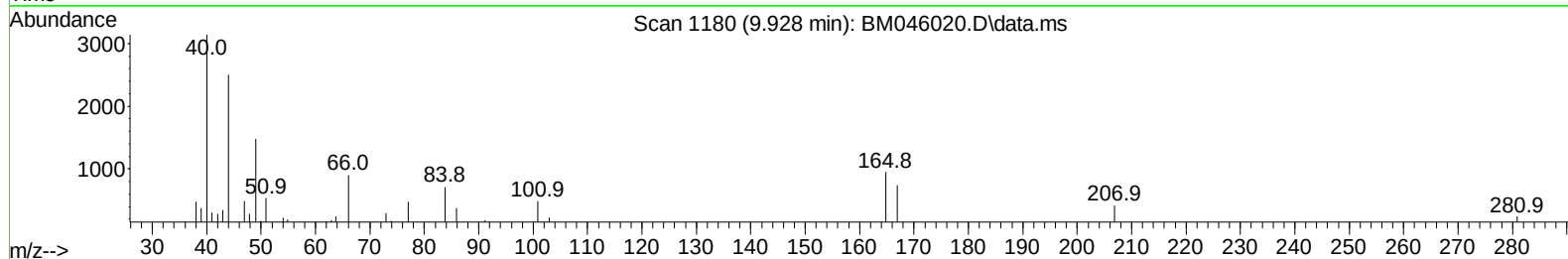
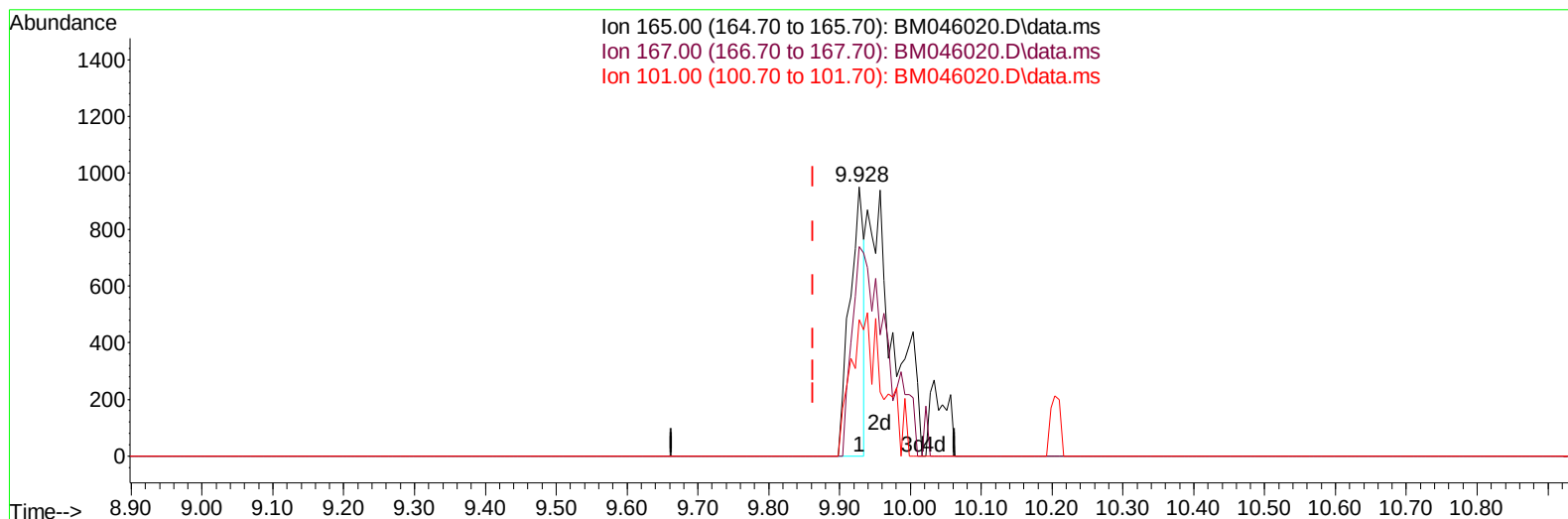
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BM046020.D\data.ms

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

9.928min (+ 0.065) 0.28 ng/ul

response 1312

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.70	77.73
101.00	35.80	67.65#
0.00	0.00	0.00

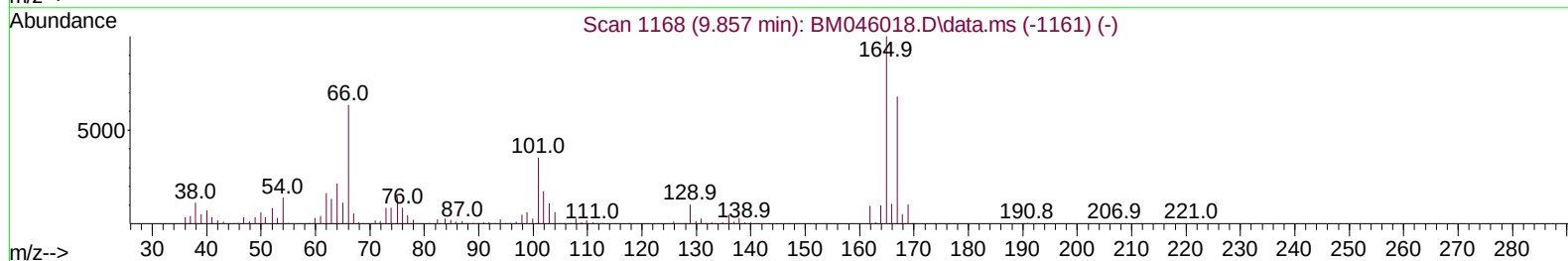
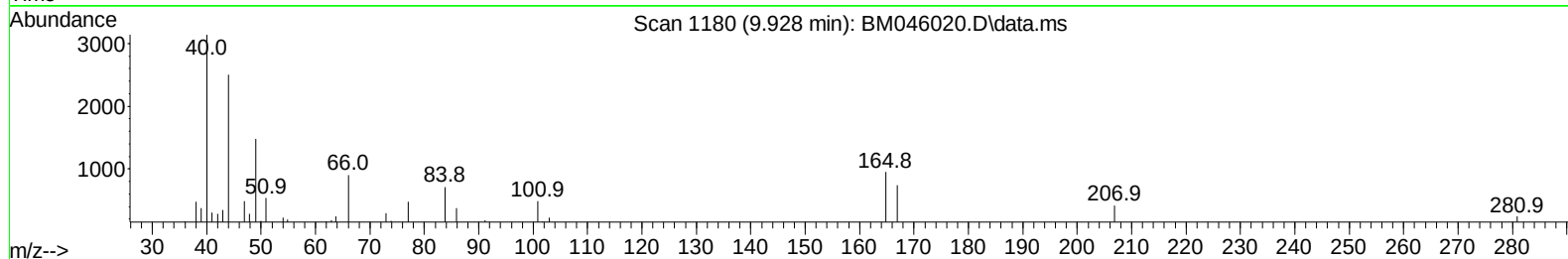
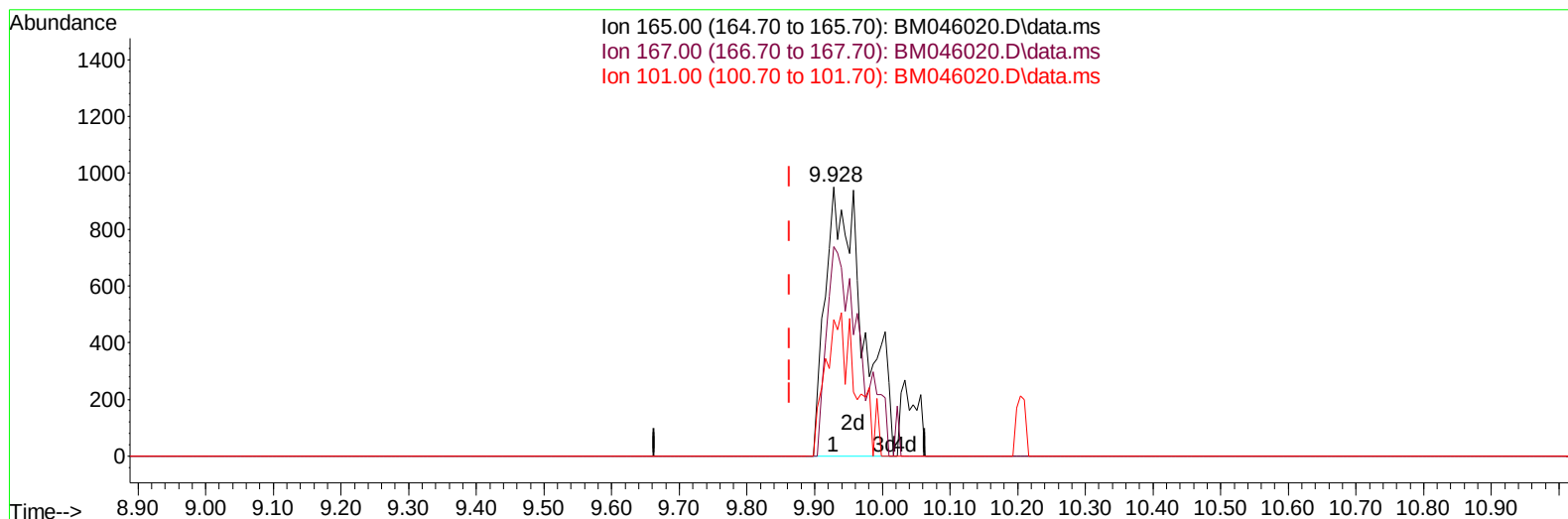
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 Data File : BM046020.D
 Acq On : 13 Jun 2024 12:40
 Operator : MA/JU
 Sample : P2648-09 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

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

9.928min (+ 0.065) 0.78 ng/ul m

response 3694

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.70	77.73
101.00	35.80	50.63#
0.00	0.00	0.00

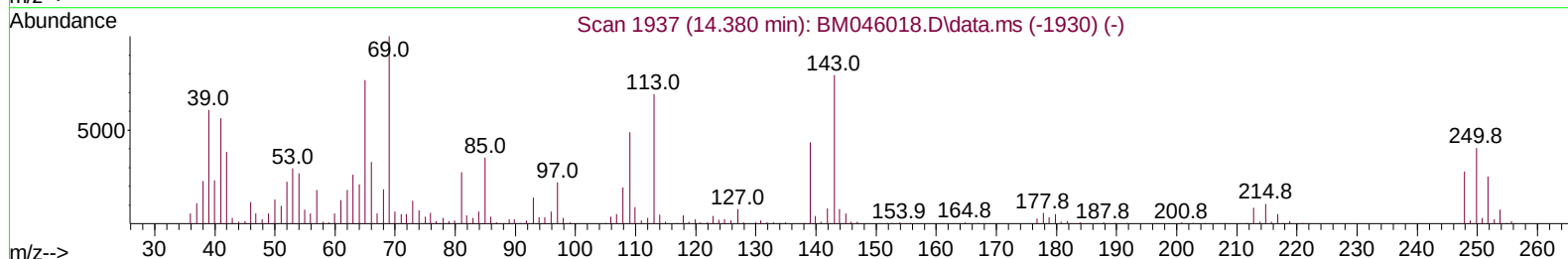
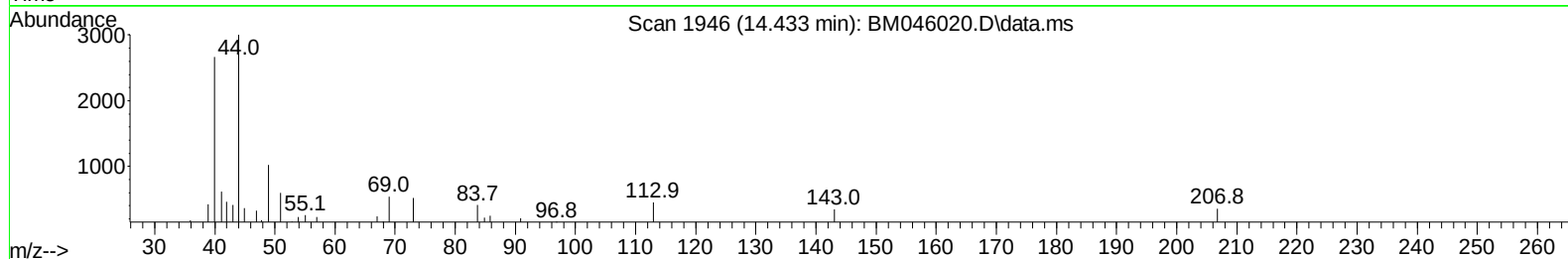
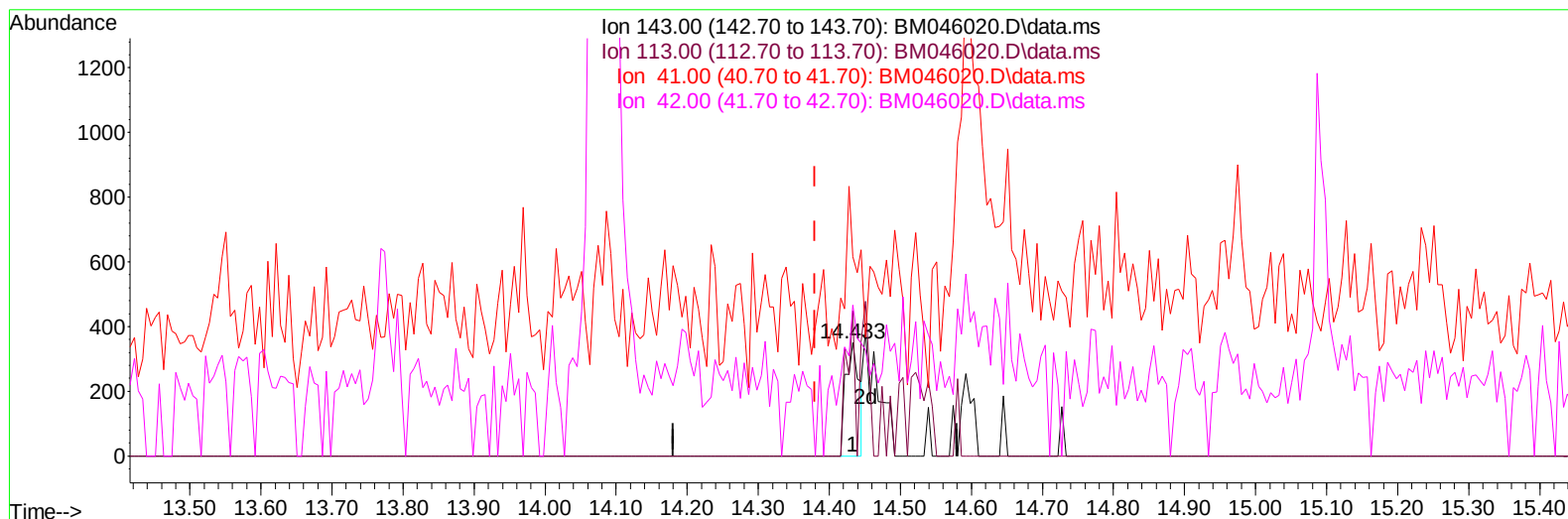
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.433min (+ 0.053) 0.15 ng/ul

response 467

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	128.29#
41.00	63.20	176.00#
42.00	42.00	133.14#

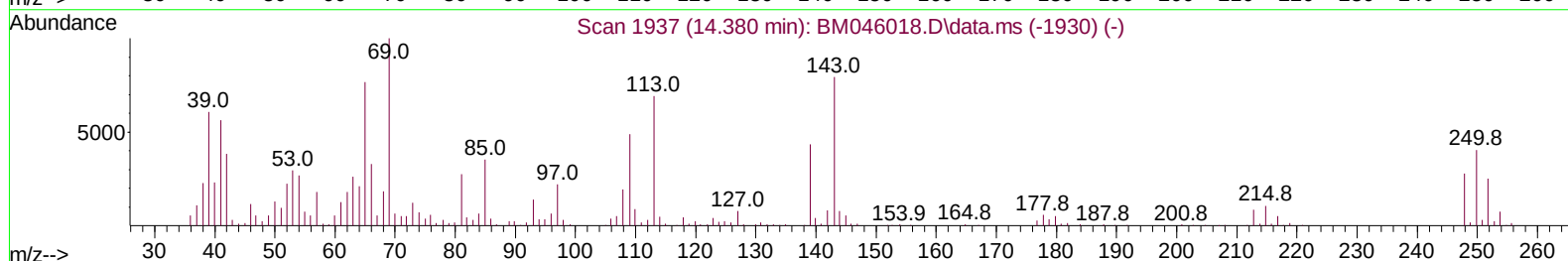
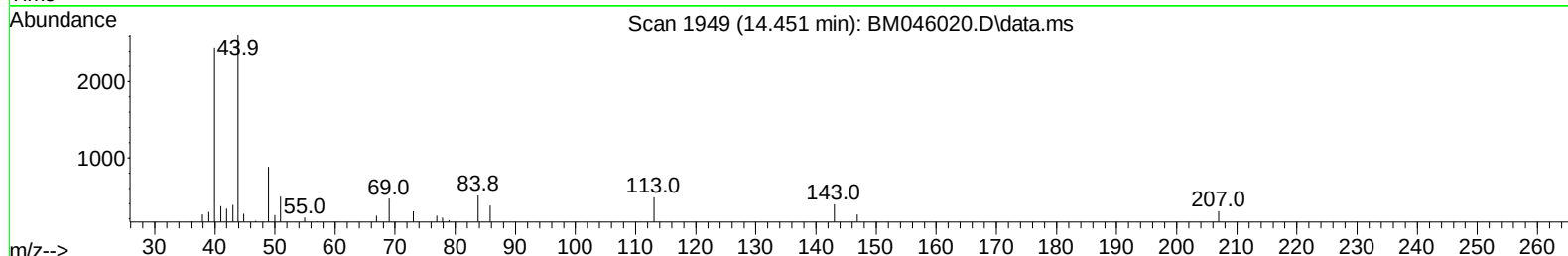
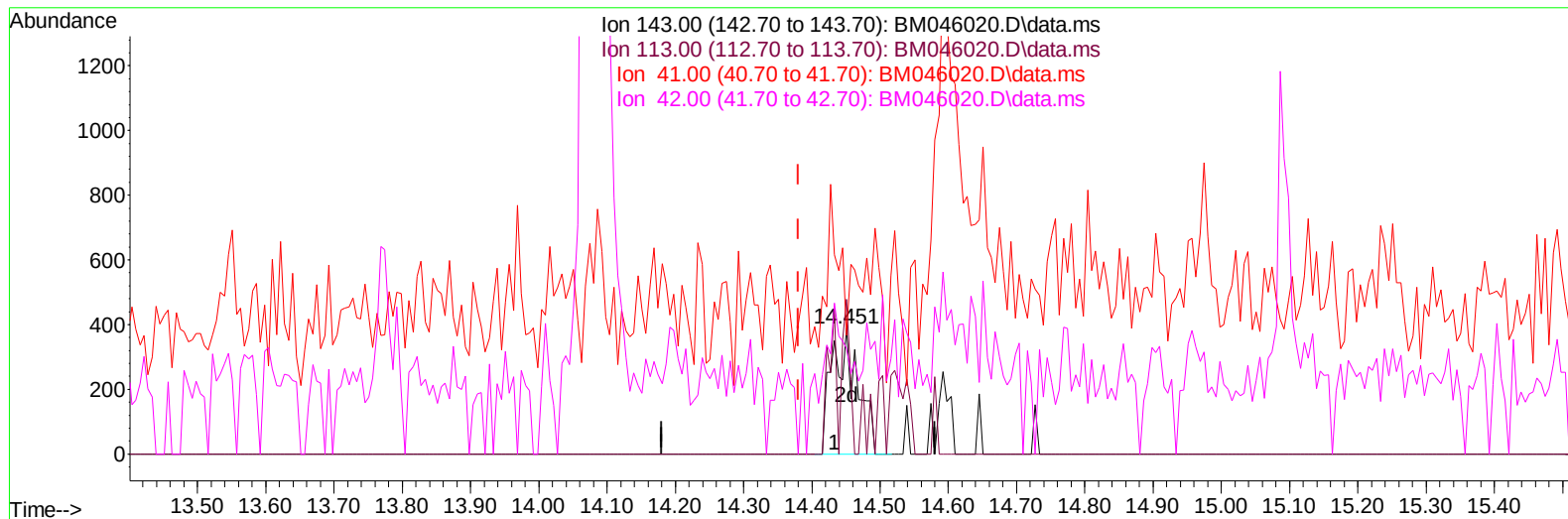
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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TIC: BM046020.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.451min (+ 0.071) 0.33 ng/ul m

response 1014

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	122.56#
41.00	63.20	94.10#
42.00	42.00	84.10#

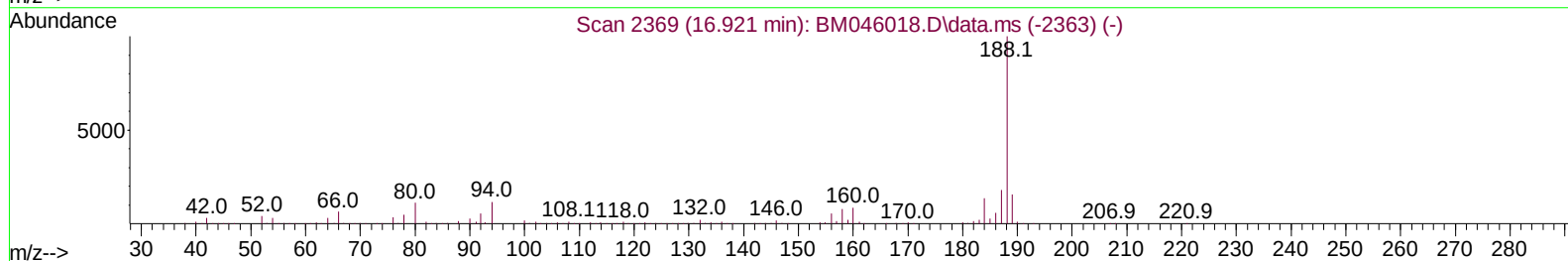
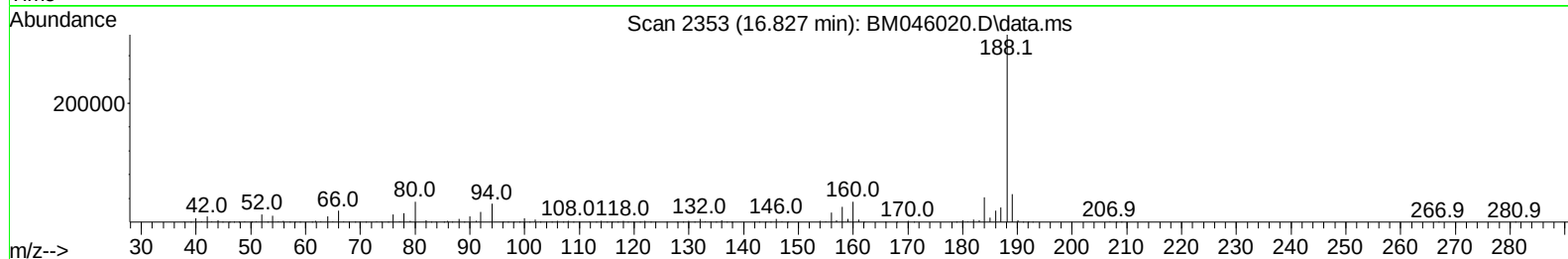
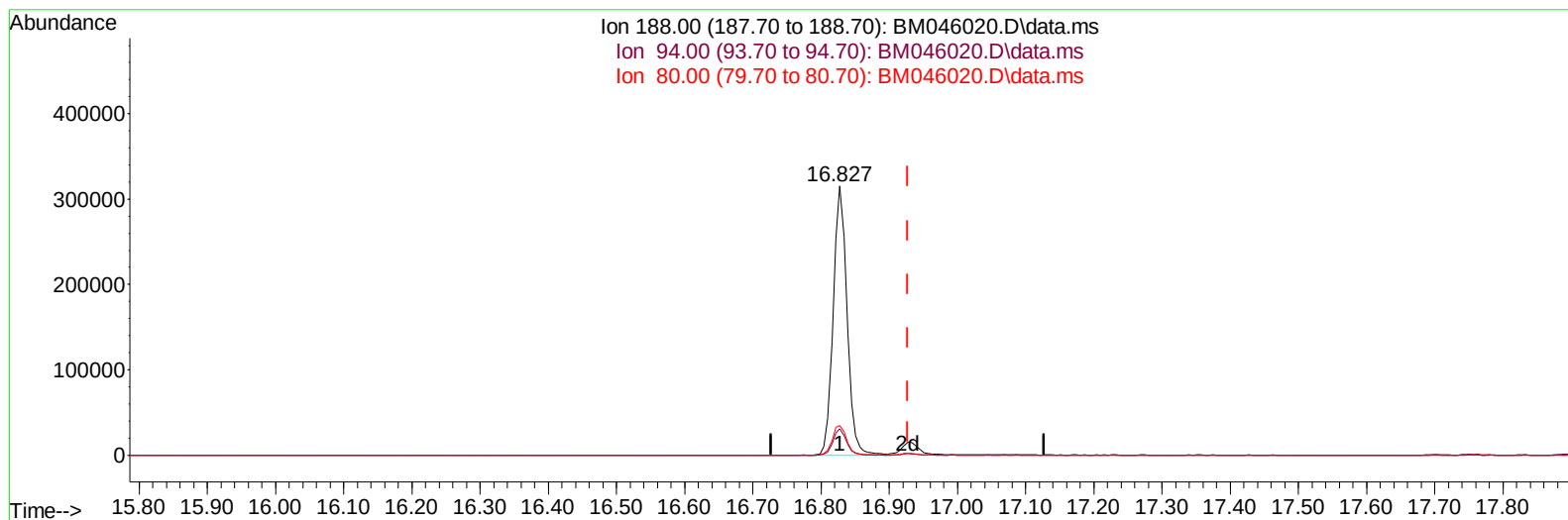
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:38:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(73) Anthracene-d10 (S)

16.827min (-0.100) 23.00 ng/u1

response 445819

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.30	9.75
80.00	10.60	10.91
0.00	0.00	0.00

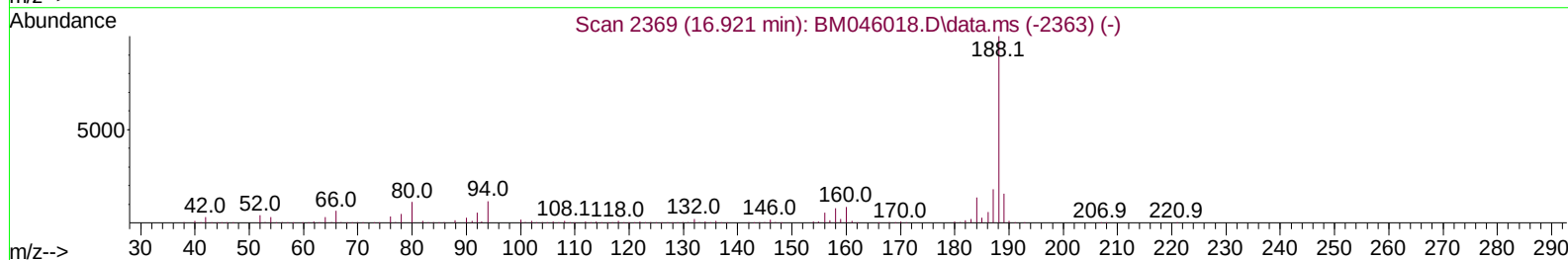
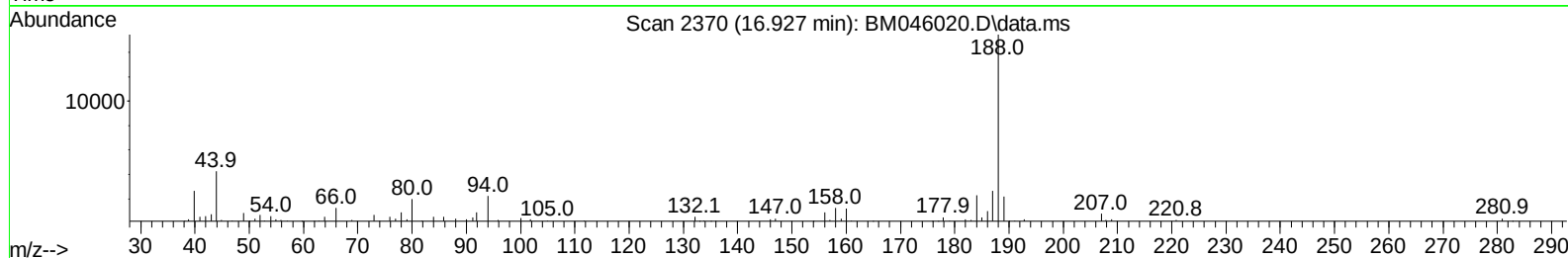
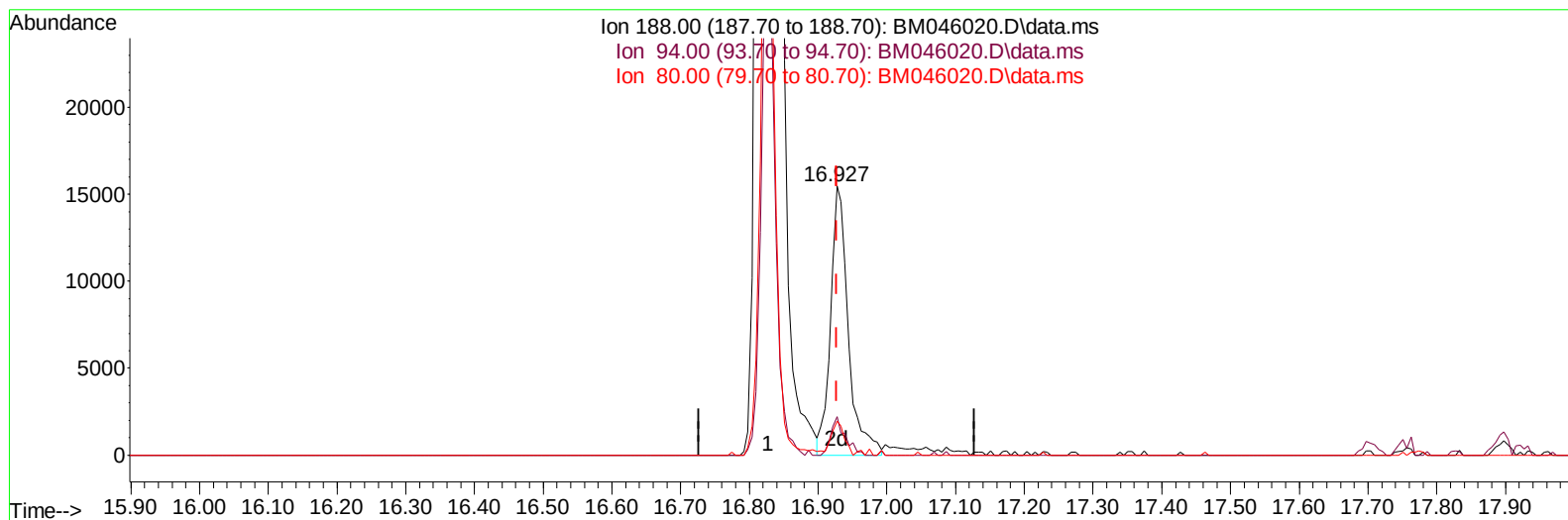
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:38:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046020.D\data.ms

(73) Anthracene-d10 (S)

16.927min (+ 0.000) 1.43 ng/ul m

response 27710

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.30	14.35#
80.00	10.60	12.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046020.D
 Acq On : 13 Jun 2024 12:40
 Operator : MA/JU
 Sample : P2648-09 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:43:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	78934	20.000	ng/ul	0.00
20) Naphthalene-d8	10.204	136	320674	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	206032	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	445819	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	479961	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	594878	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.722	99	6036m	0.900	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.822	67	3639	0.756	ng/ul	0.02
11) 2-Chlorophenol-d4	7.010	132	5140	1.026	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	4791m	0.946	ng/ul	0.04
21) Nitrobenzene-d5	8.634	128	2489m	0.993	ng/ul	0.04
24) 2-Nitrophenol-d4	9.328	143	2027	0.799	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.928	165	3694m	0.776	ng/ul	0.06
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.557	166	17626	1.236	ng/ul	0.02
49) Acenaphthylene-d8	13.775	160	19250	1.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	1014m	0.329	ng/ul	0.07
60) Fluorene-d10	15.092	176	14391	1.183	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.239	200	1354	0.595	ng/ul	0.02
73) Anthracene-d10	16.927	188	27710m	1.430	ng/ul	0.00
81) Pyrene-d10	19.221	212	27217	0.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	26779	0.963	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	16.868	178	82879	3.528	ng/ul	100
74) Anthracene	16.963	178	23962	1.021	ng/ul	98
80) Fluoranthene	18.892	202	180148	4.979	ng/ul	98
82) Pyrene	19.257	202	132621	3.567	ng/ul	100
85) Benzo(a)anthracene	21.021	228	117639	3.550	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.968	149	37548	1.668	ng/ul	95
87) Chrysene	21.074	228	129502	4.224	ng/ul	97
90) Benzo(b)fluoranthene	22.892	252	200774	5.492	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	62455	1.749	ng/ul	97
93) Benzo(a)pyrene	23.603	252	68599	2.135	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.709	276	75876	2.163	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
Operator : MA/JU
Sample : P2648-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBZ8

Manual IntegrationsAPPROVED

Quant Time: Jun 13 13:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

