

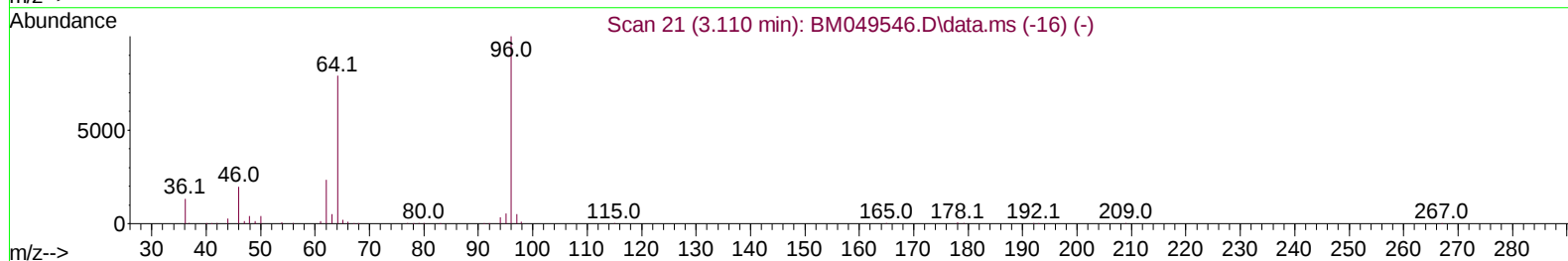
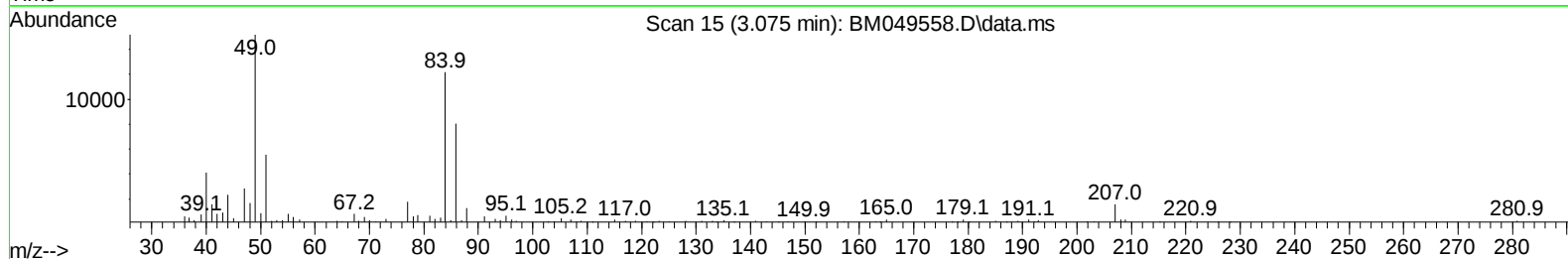
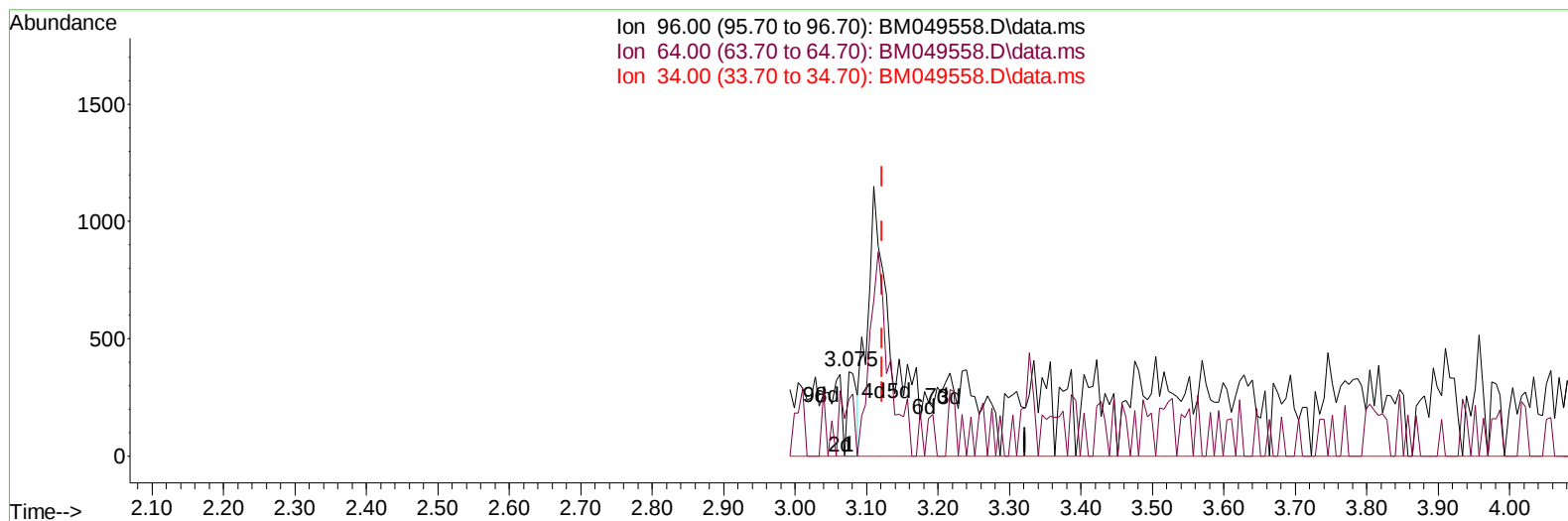
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.075min (-0.047) 0.06 ng/uL

response 342

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.20	67.22
34.00	0.00	0.00
0.00	0.00	0.00

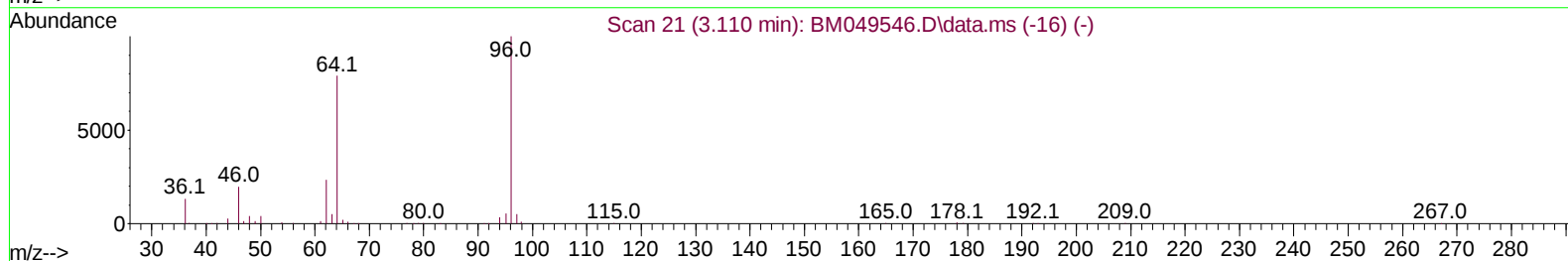
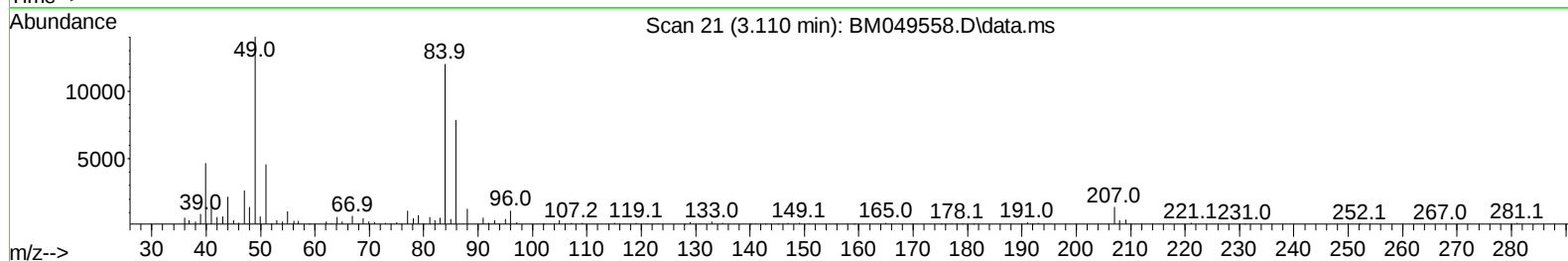
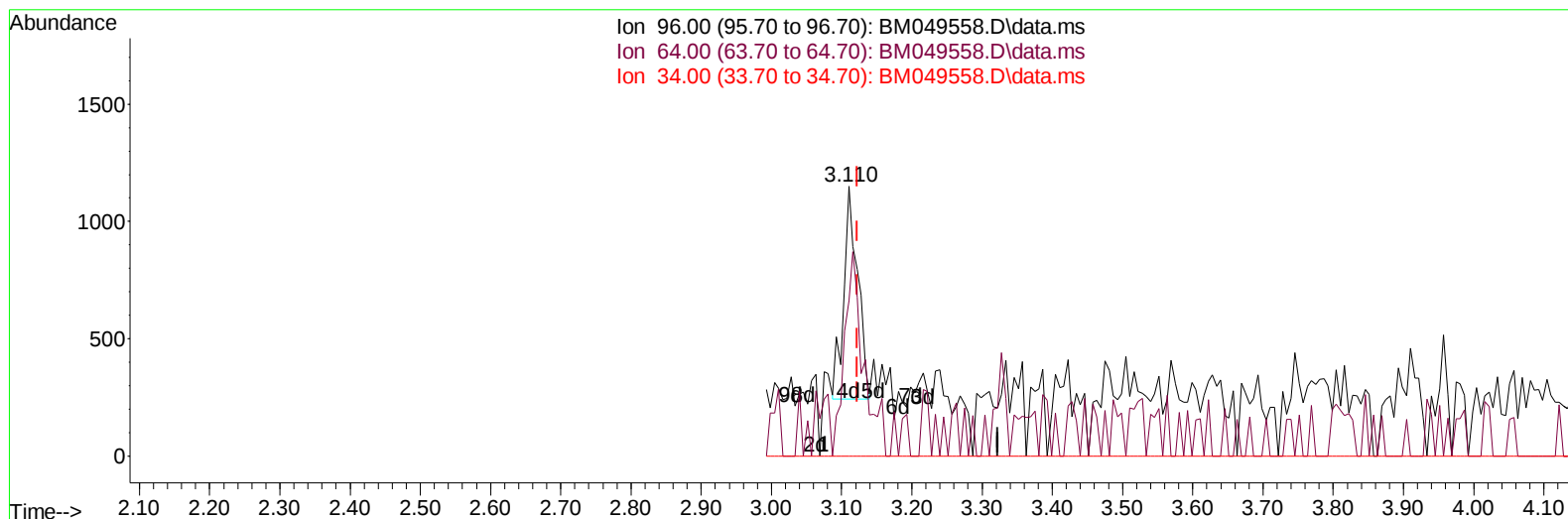
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049558.D
 Acq On : 31 Jan 2025 15:17
 Operator : RC/JU
 Sample : Q1190-08 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.110min (-0.012) 0.21 ng/uL m

response 1275

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.20	57.62#
34.00	0.00	0.00
0.00	0.00	0.00

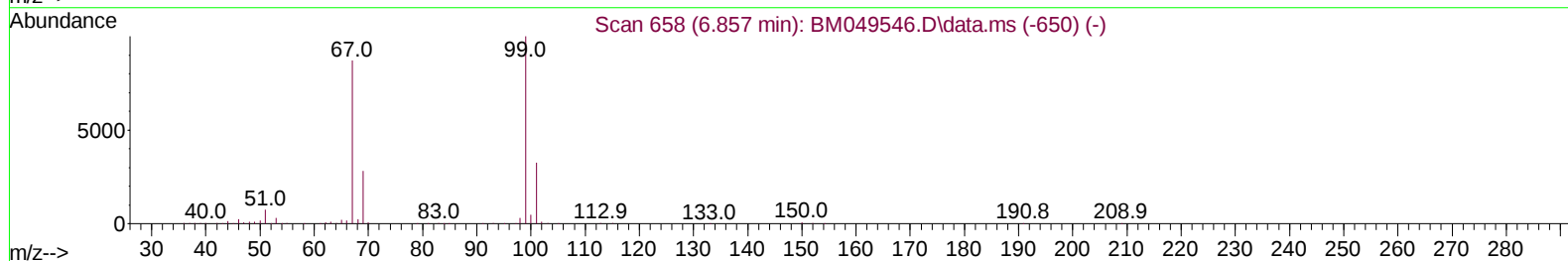
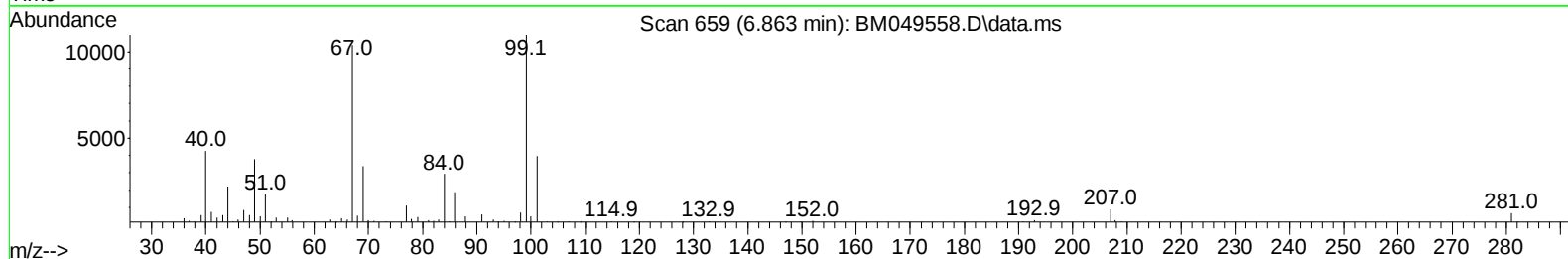
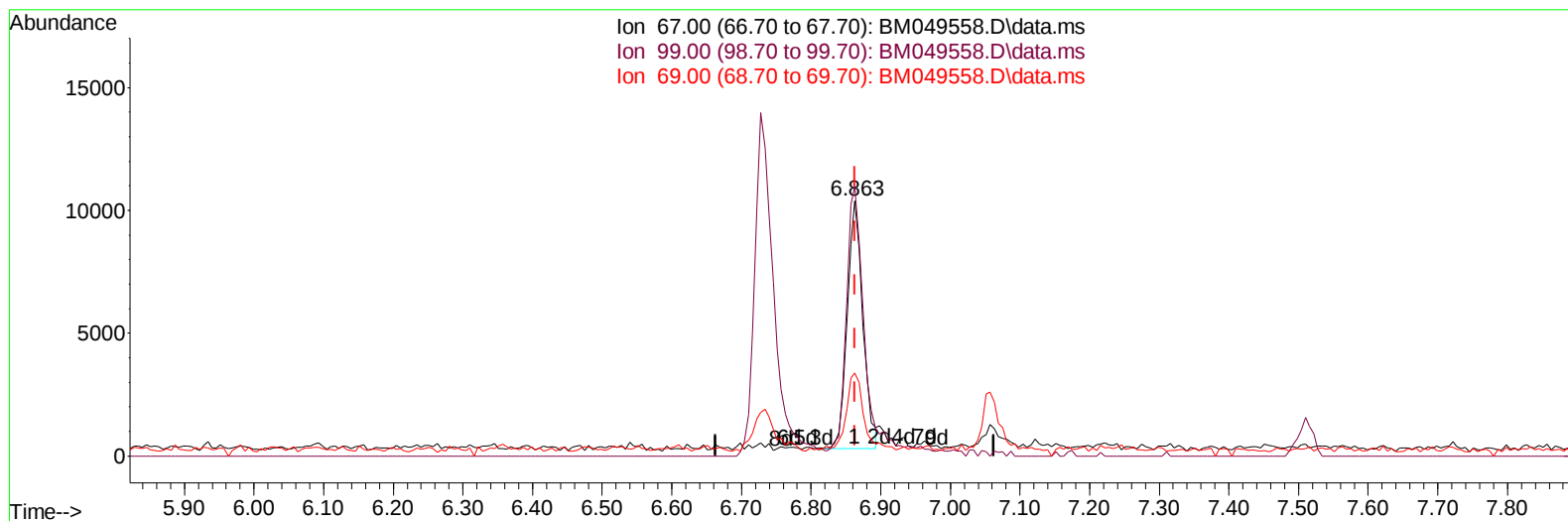
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

6.863min (-0.000) 1.26 ng/u1

response 15723

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	113.00	105.61
69.00	31.70	32.48
0.00	0.00	0.00

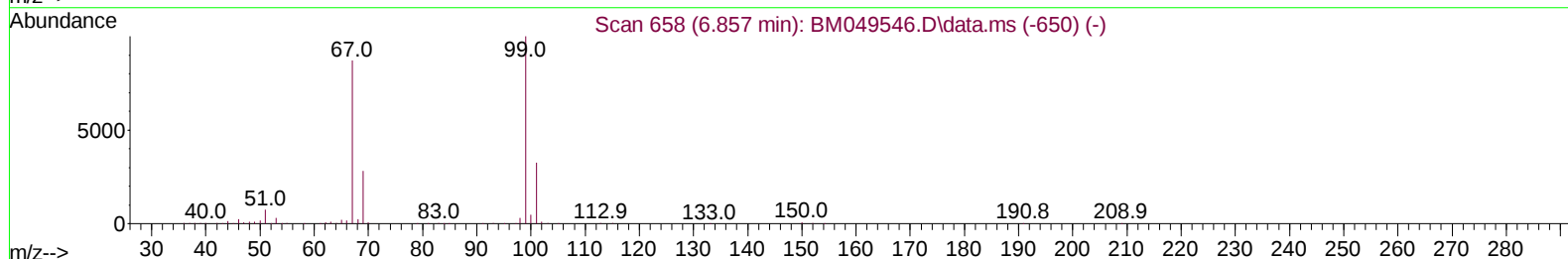
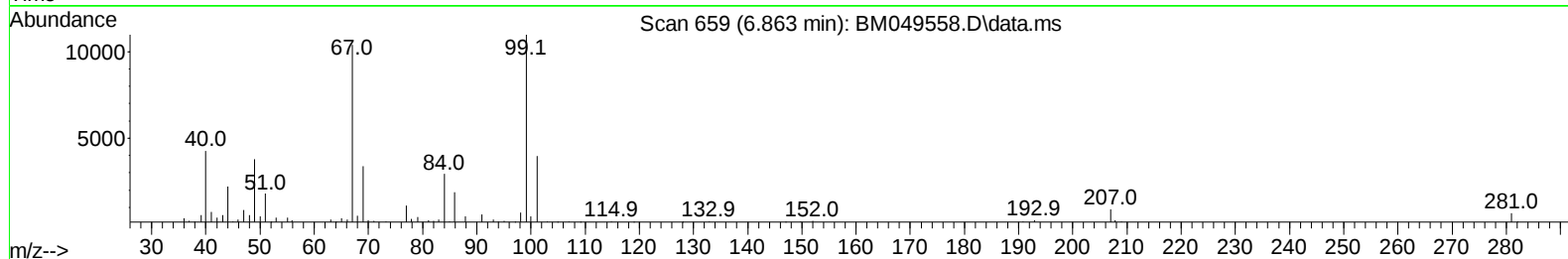
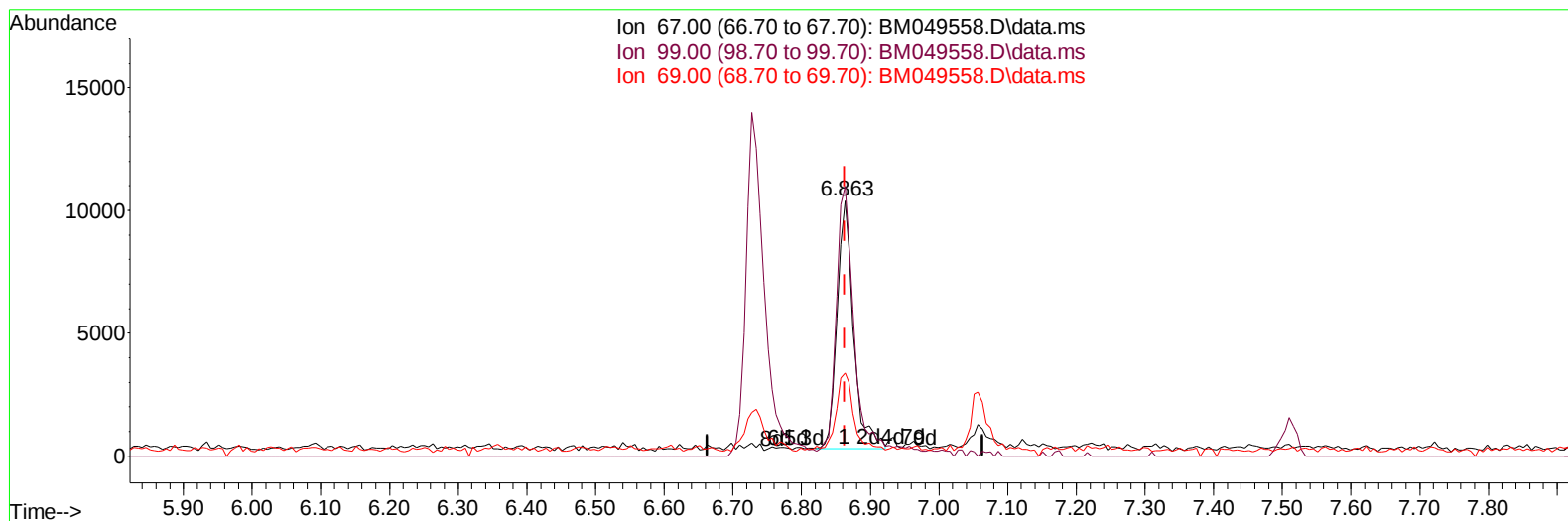
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

6.863min (-0.000) 1.34 ng/ul m

response 16680

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	113.00	105.61
69.00	31.70	32.48
0.00	0.00	0.00

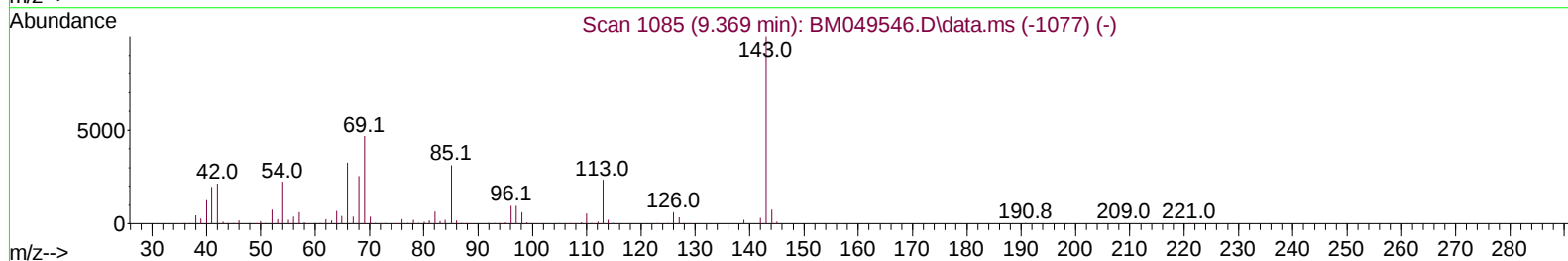
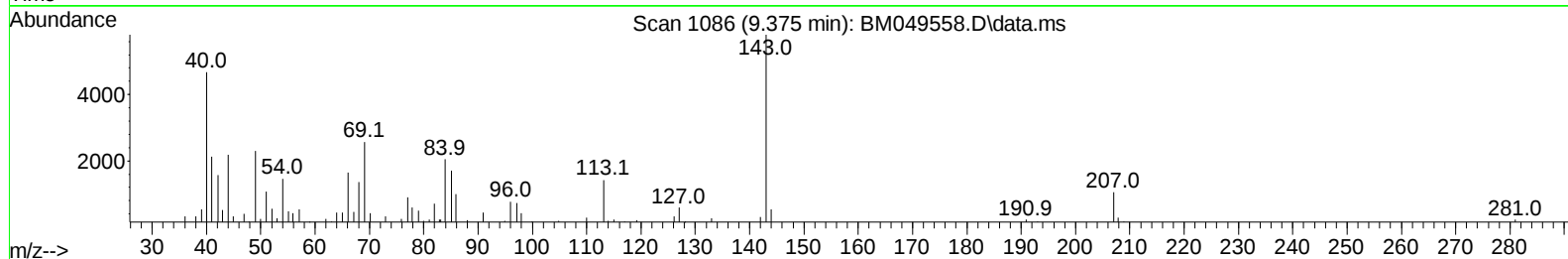
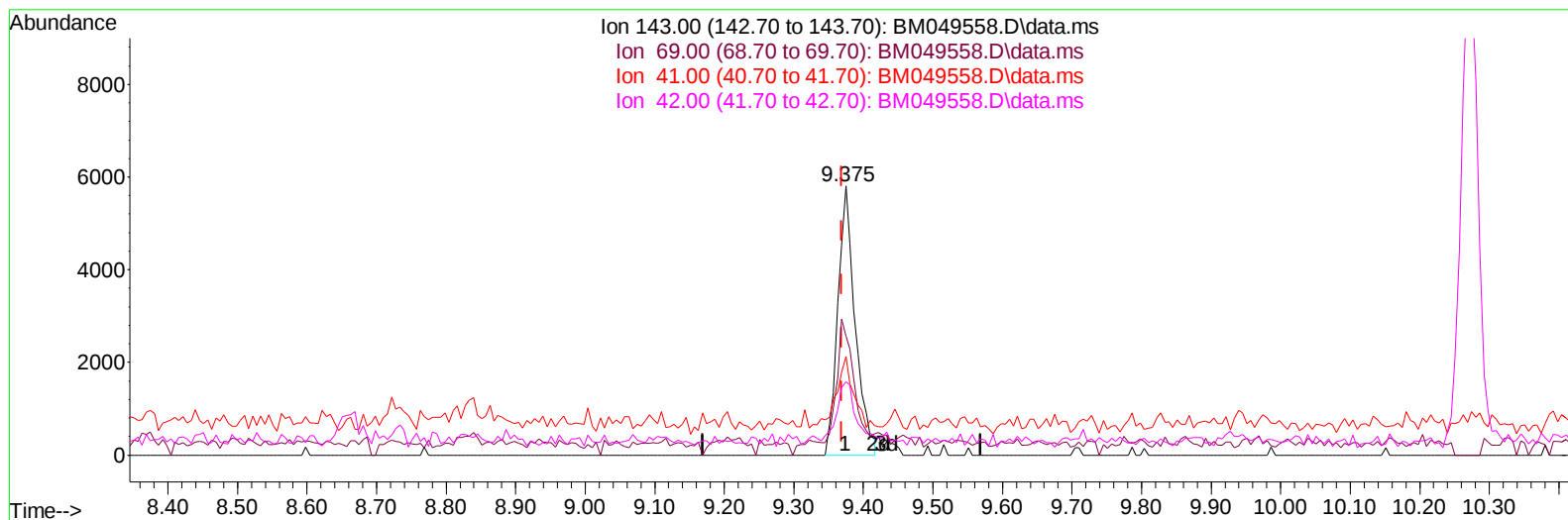
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.375min (+ 0.006) 1.40 ng/u1

response 10070

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	54.90	44.30
41.00	24.60	36.69#
42.00	27.00	27.14

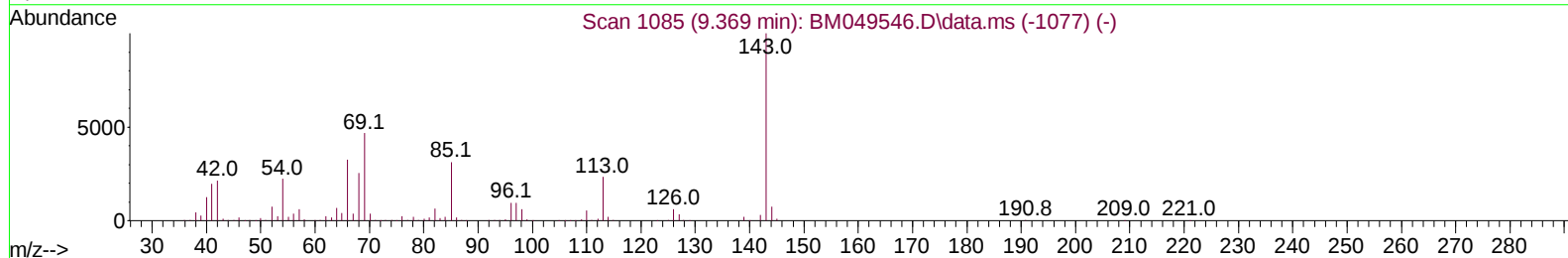
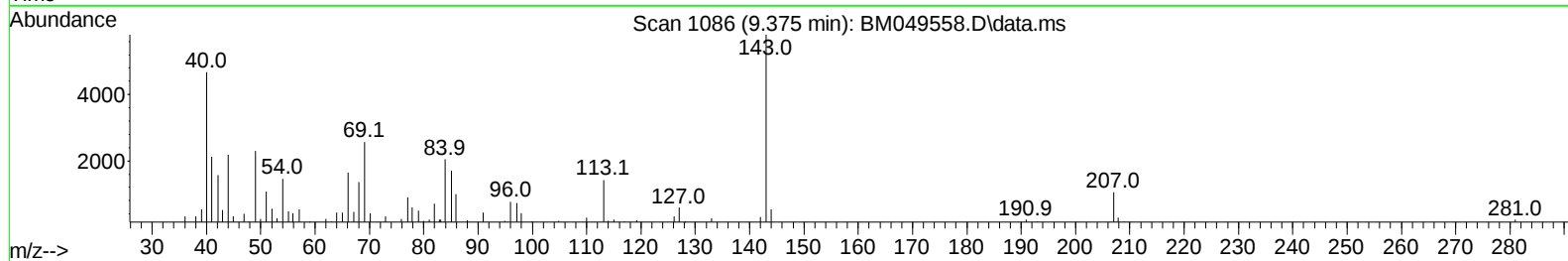
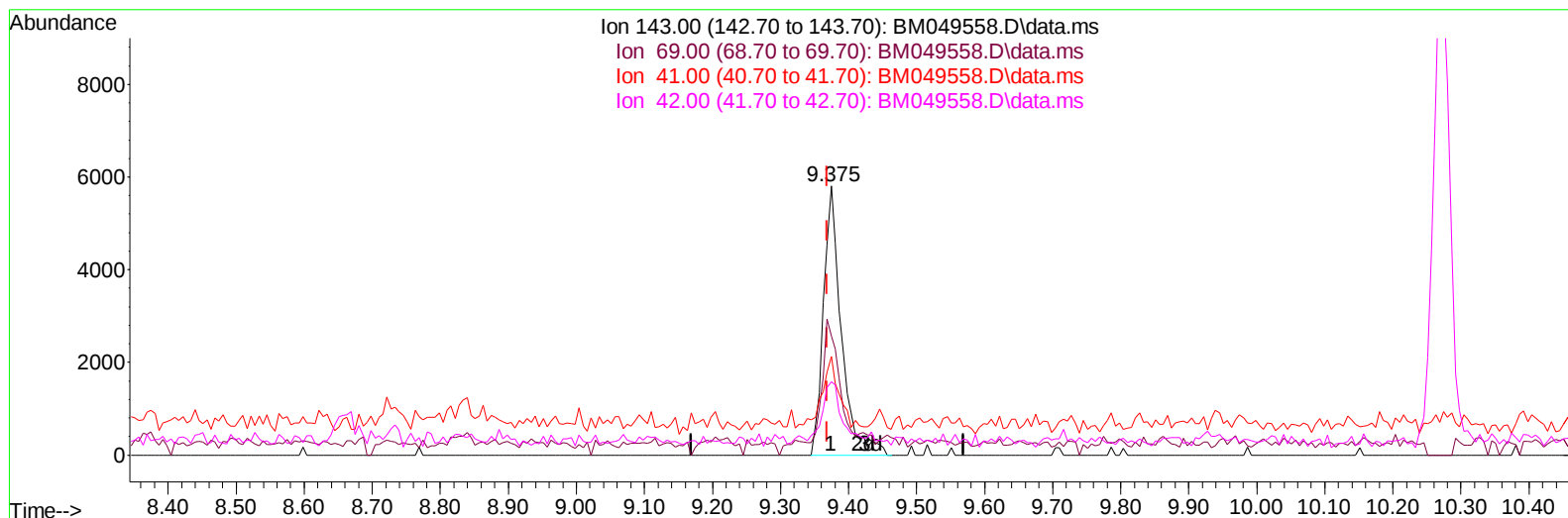
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.375min (+ 0.006) 1.47 ng/ul m

response 10609

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	54.90	44.30
41.00	24.60	36.69#
42.00	27.00	27.14

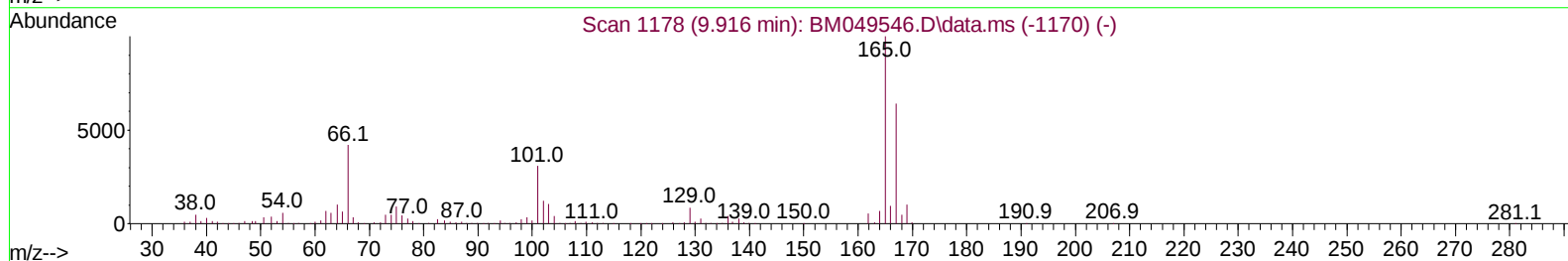
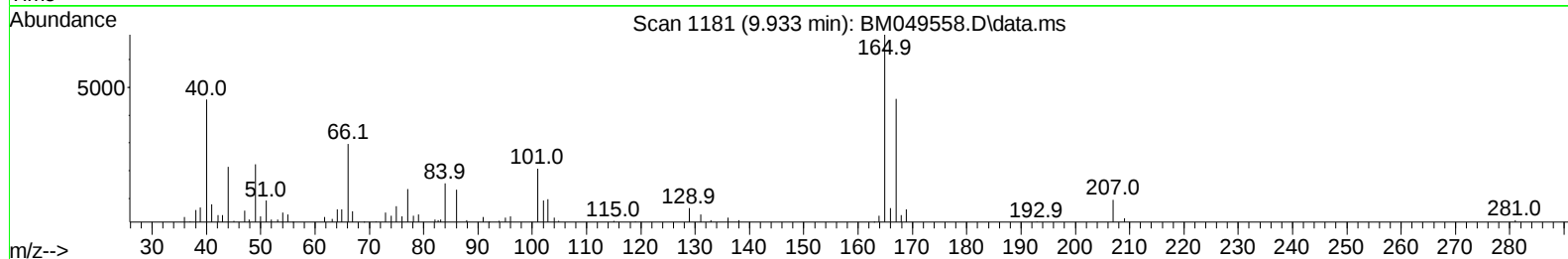
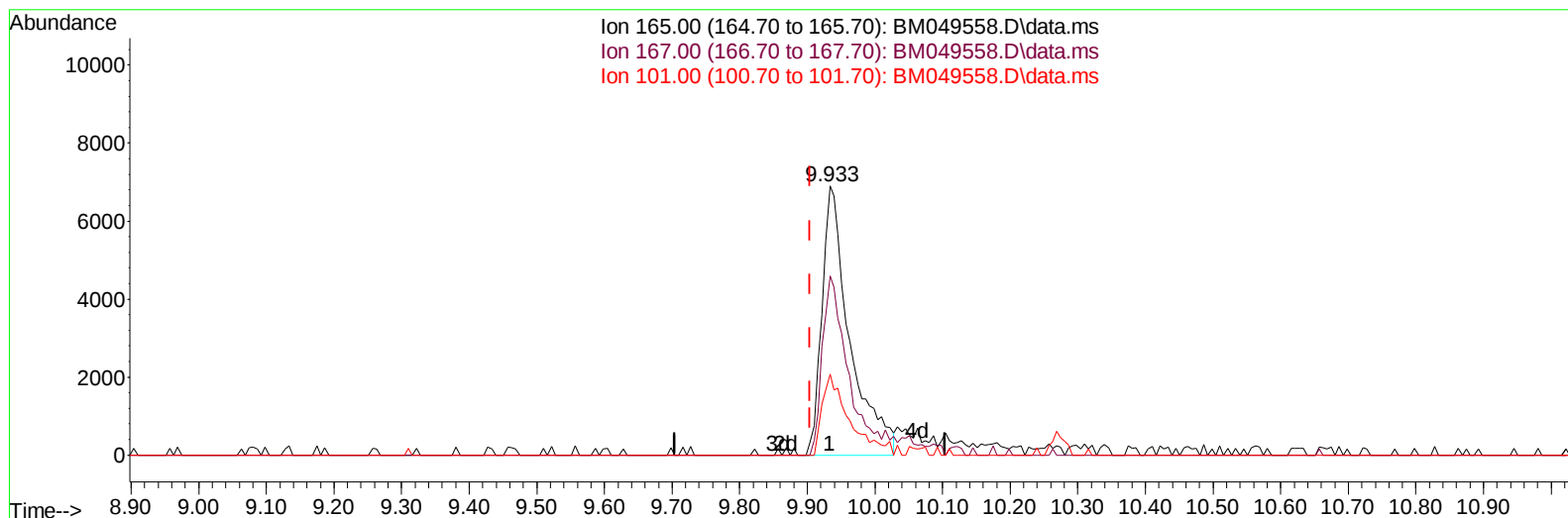
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

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

9.933min (+ 0.029) 1.34 ng/u1

response 19701

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.20	66.59
101.00	31.40	30.19
0.00	0.00	0.00

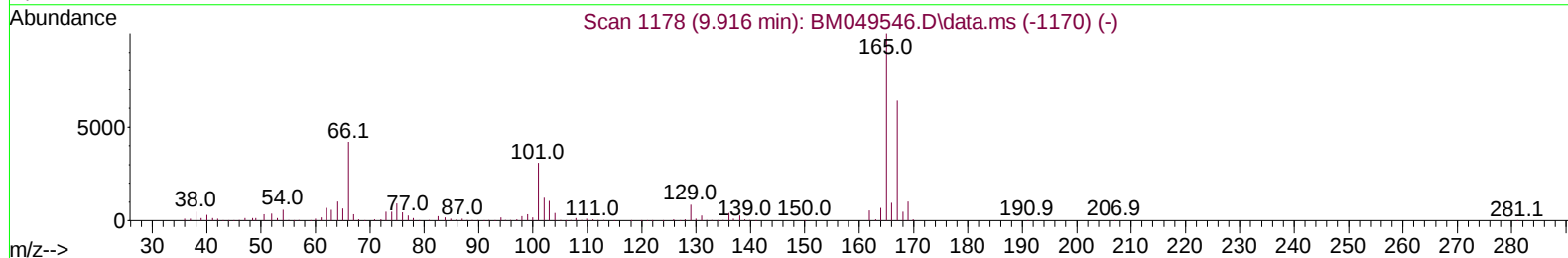
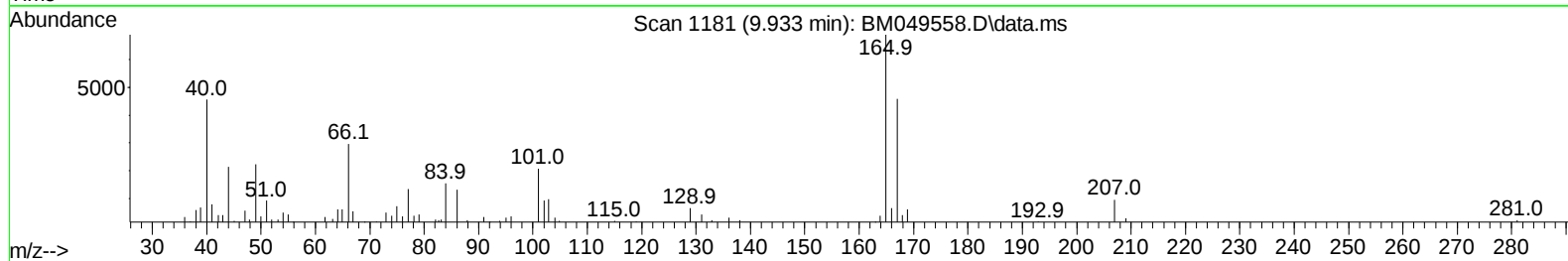
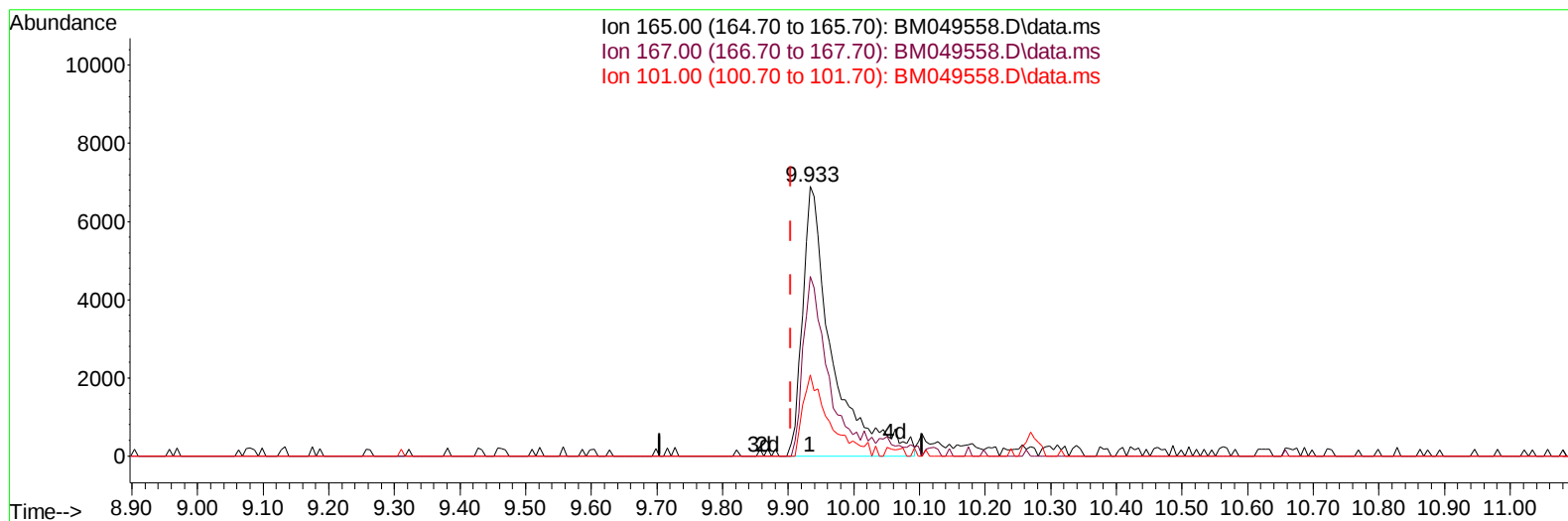
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

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

9.933min (+ 0.029) 1.47 ng/ul m

response 21590

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.20	66.59
101.00	31.40	30.19
0.00	0.00	0.00

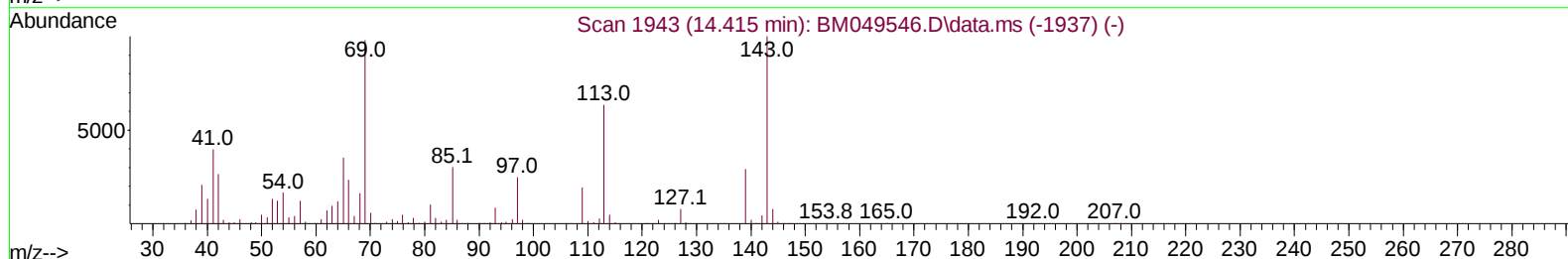
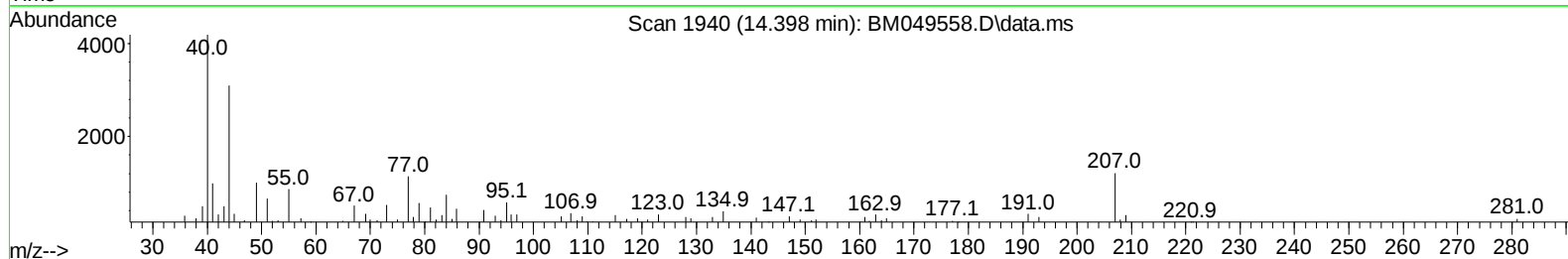
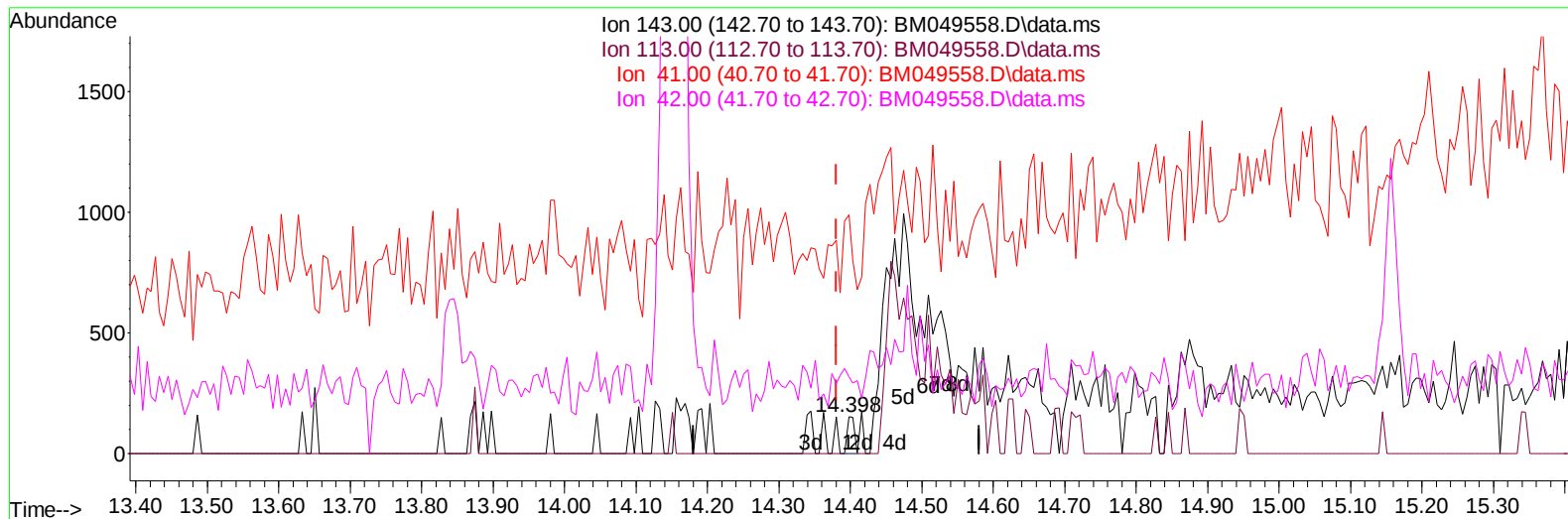
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.398min (+ 0.017) 0.02 ng/u1

response 108

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	0.00#
41.00	42.70	642.86#
42.00	32.00	207.79#

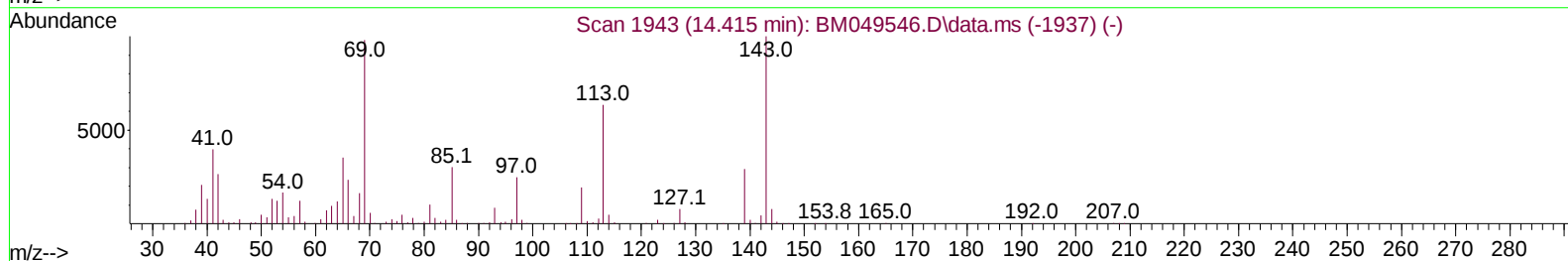
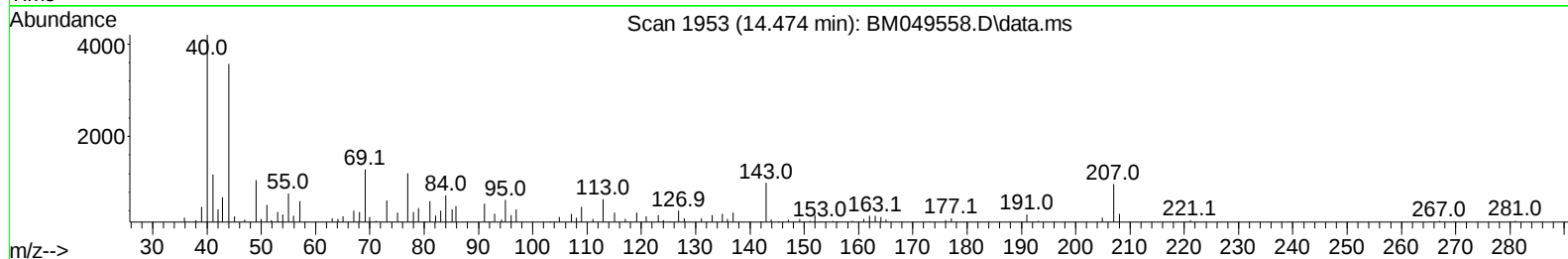
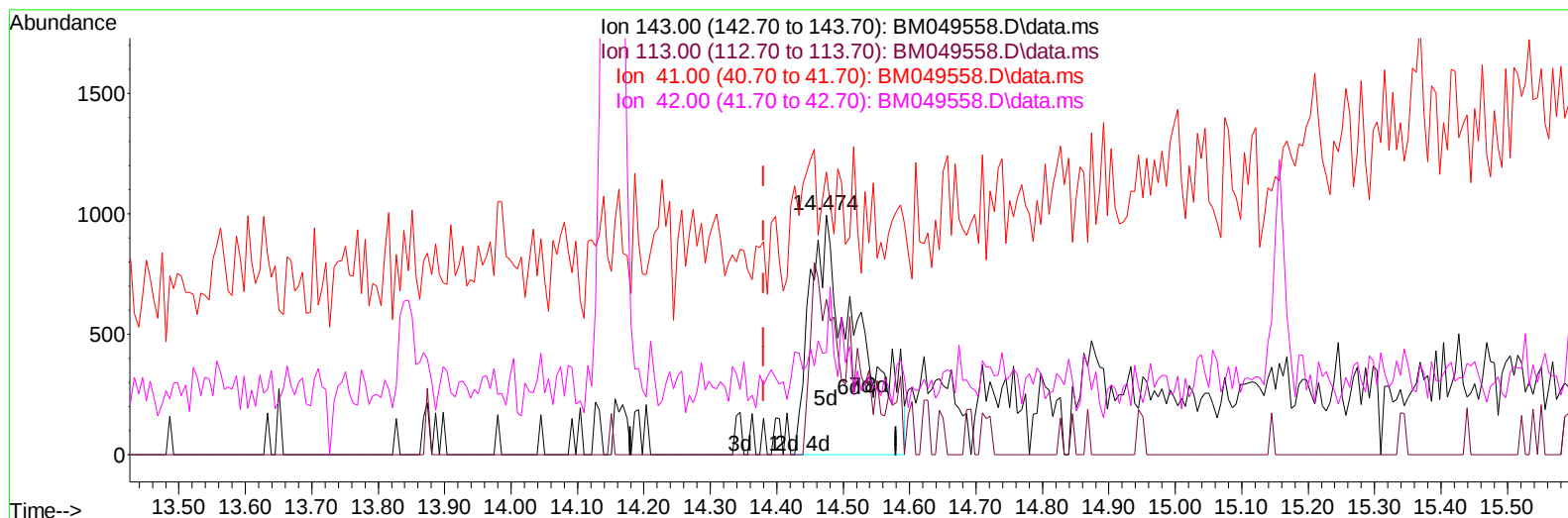
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Quant Time: Feb 03 08:27:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BM049558.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.474min (+ 0.094) 0.71 ng/ul m

response 5034

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.90	64.96
41.00	42.70	117.97#
42.00	32.00	42.77#

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049558.D
 Acq On : 31 Jan 2025 15:17
 Operator : RC/JU
 Sample : Q1190-08 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44S7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:28:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	224877	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	864247	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	587465	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1190402	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1183618	20.000	ng/ul	0.01
88) Perylene-d12	23.938	264	1295014	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	1275m	0.210	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.728	99	26577	1.456	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	16680m	1.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	22755	1.611	ng/ul	0.01
15) 4-Methylphenol-d8	8.251	113	18466	1.381	ng/ul	0.02
21) Nitrobenzene-d5	8.663	128	9529	1.441	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	10609m	1.471	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.933	165	21590m	1.467	ng/ul	0.03
31) 4-Chloroaniline-d4	10.439	131	821	0.043	ng/ul	0.02
46) Dimethylphthalate-d6	13.580	166	69513	1.614	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	77936	1.540	ng/ul	0.00
54) 4-Nitrophenol-d4	14.474	143	5034m	0.712	ng/ul	0.09
60) Fluorene-d10	15.157	176	58020	1.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	934	0.125	ng/ul	0.02
73) Anthracene-d10	17.009	188	97732	1.644	ng/ul	0.00
81) Pyrene-d10	19.315	212	99184	1.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	69236	1.002	ng/ul	0.02

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049558.D
Acq On : 31 Jan 2025 15:17
Operator : RC/JU
Sample : Q1190-08 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44S7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:28:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

