

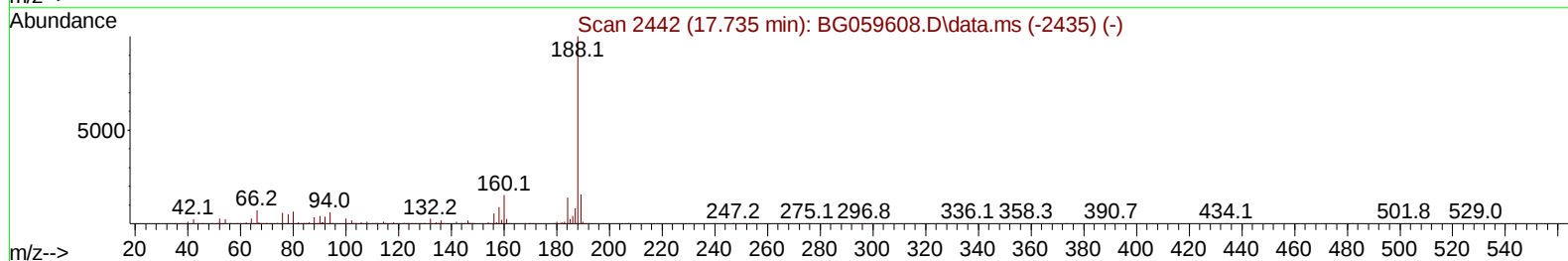
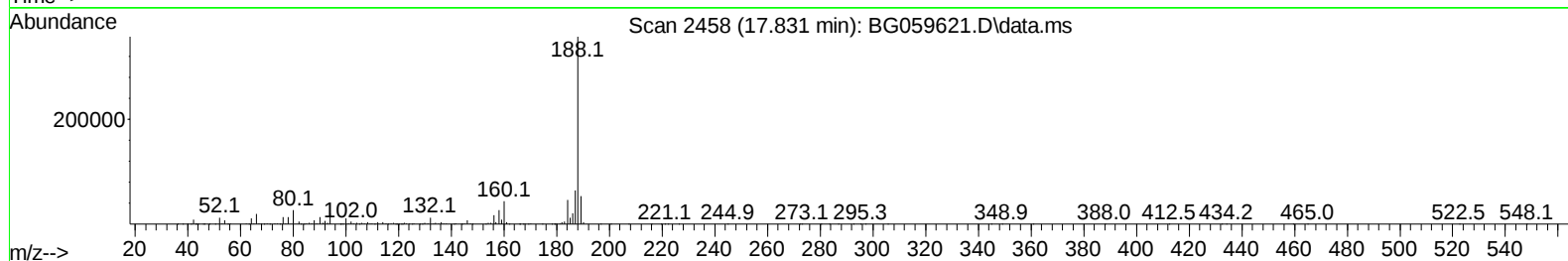
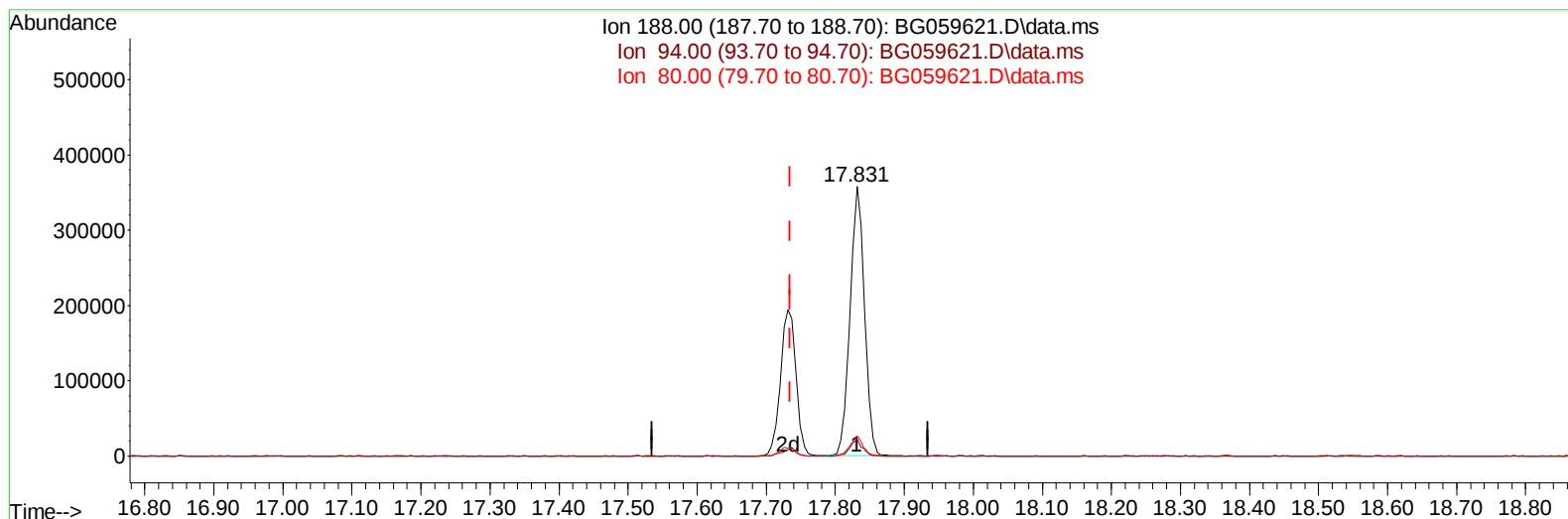
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:54:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(64) Phenanthrene-d10 (I)

17.831min (+ 0.097) 20.00 ng/u1

response 518189

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	5.97
80.00	6.40	7.35
0.00	0.00	0.00

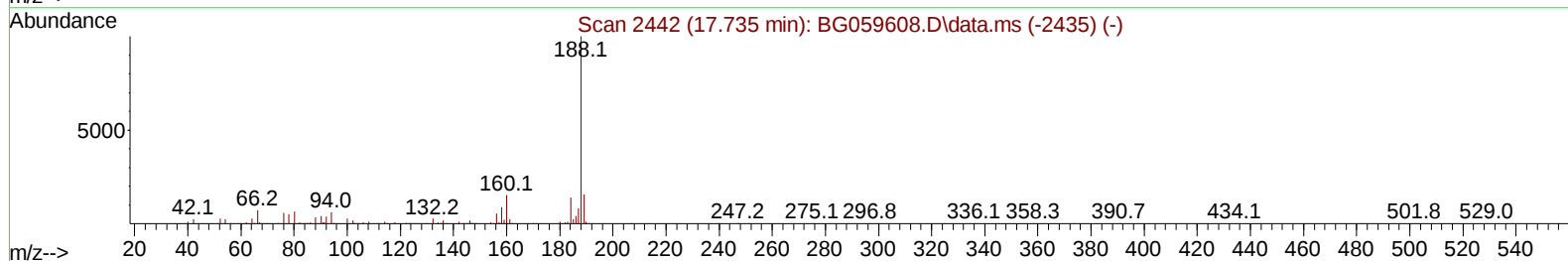
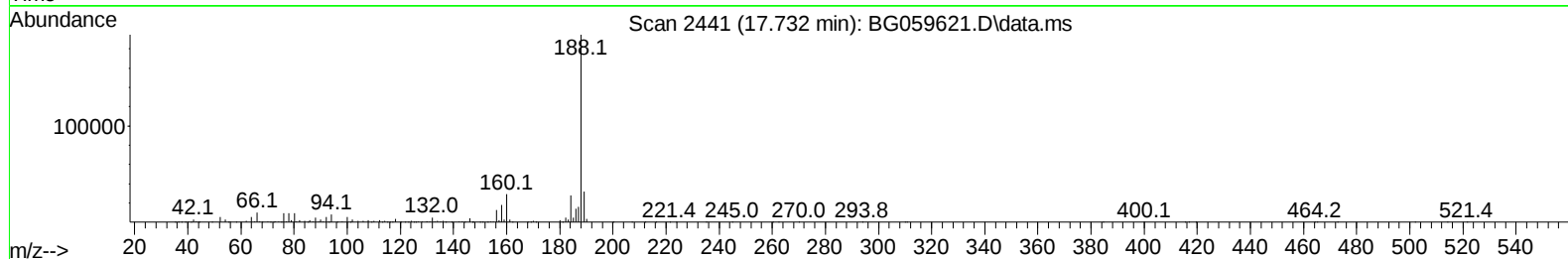
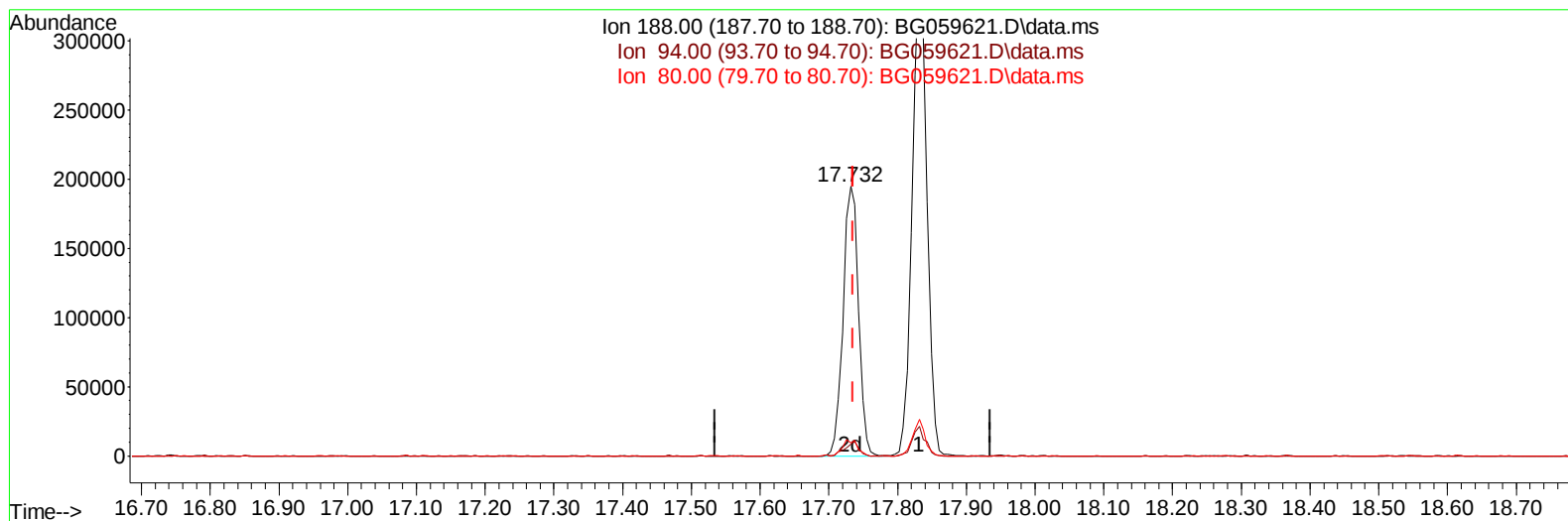
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:54:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(64) Phenanthrene-d10 (I)

17.732min (-0.003) 20.00 ng/ul m

response 302052

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	4.30#
80.00	6.40	4.85#
0.00	0.00	0.00

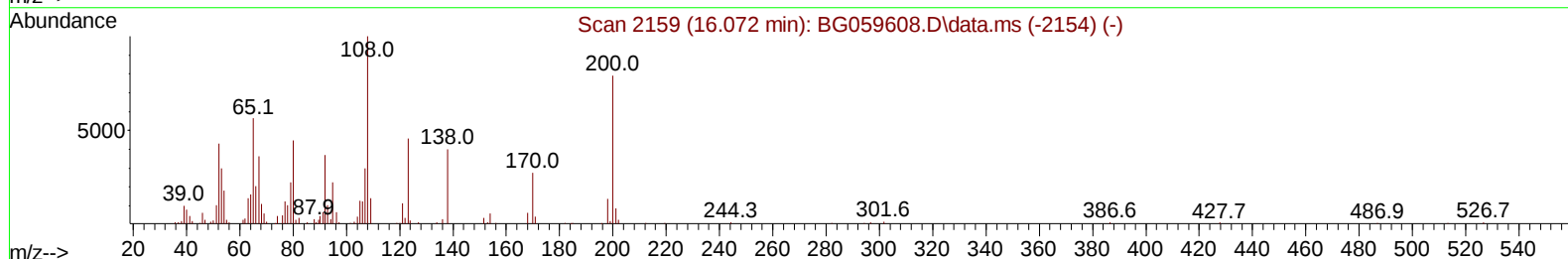
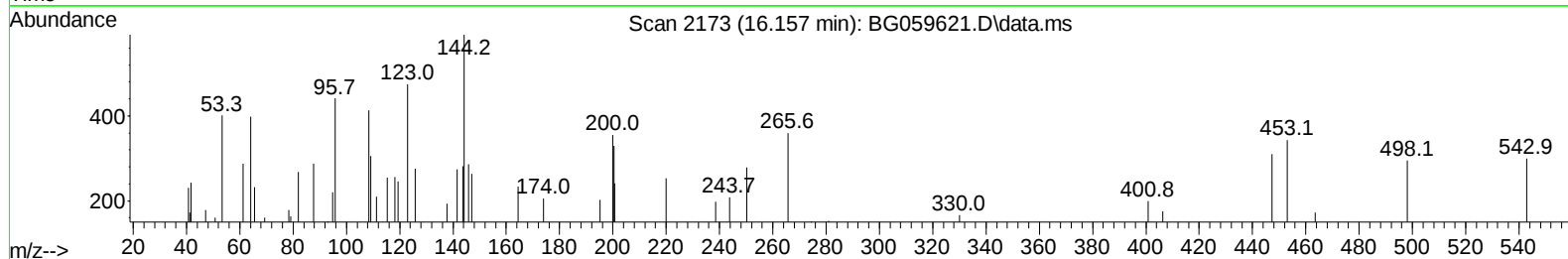
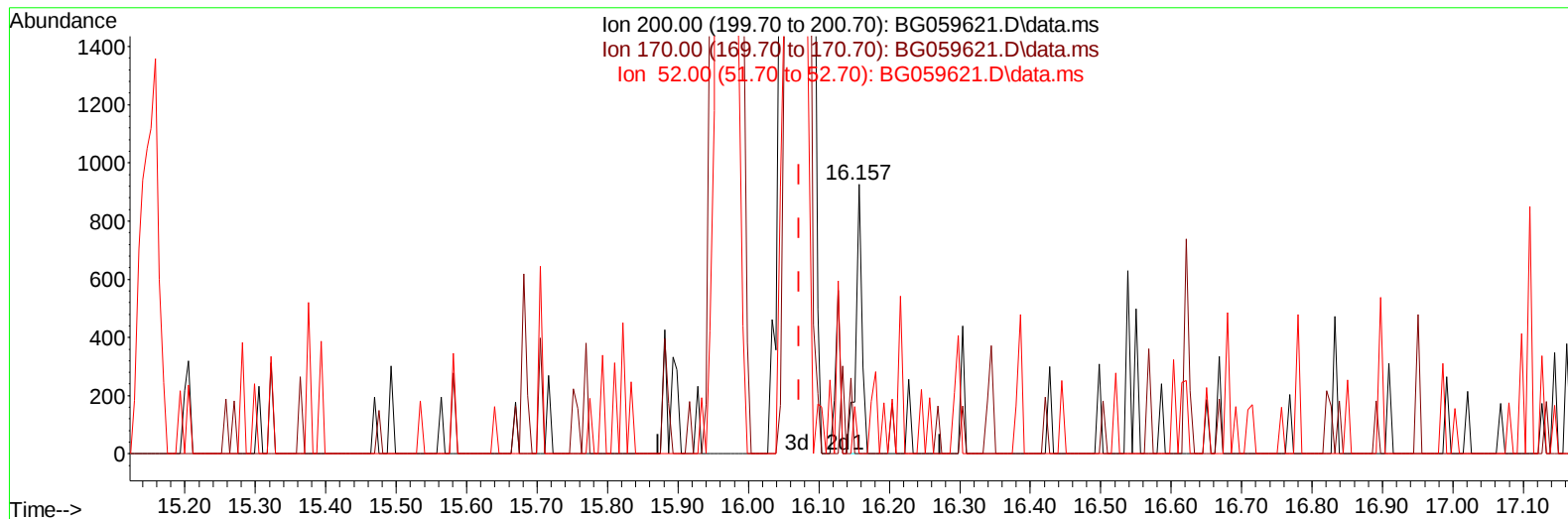
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059621.D
Acq On : 4 Nov 2023 13:56
Operator : MA/JU
Sample : 04996-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:28:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

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

16.157min (+ 0.085) 0.29 ng/u1

response 556

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	0.00#
52.00	57.90	0.00#
0.00	0.00	0.00

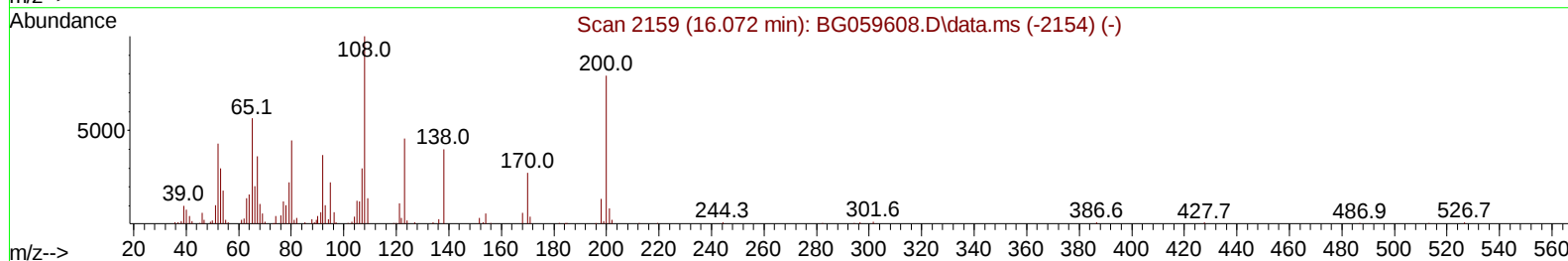
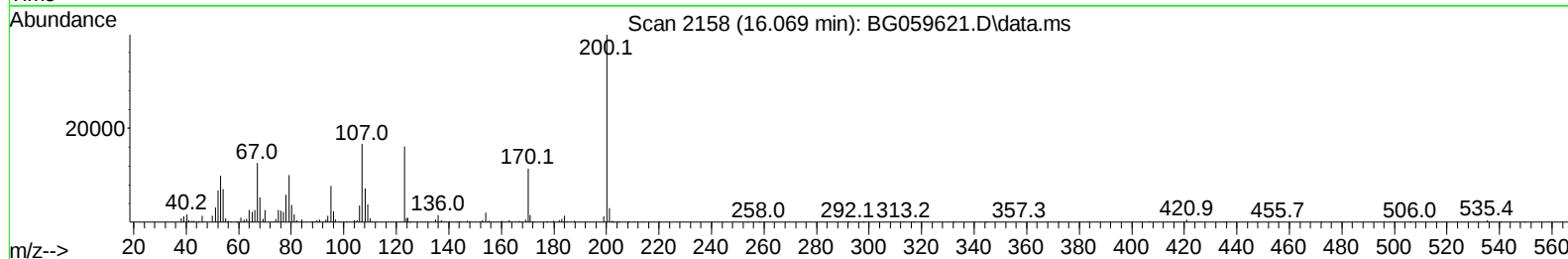
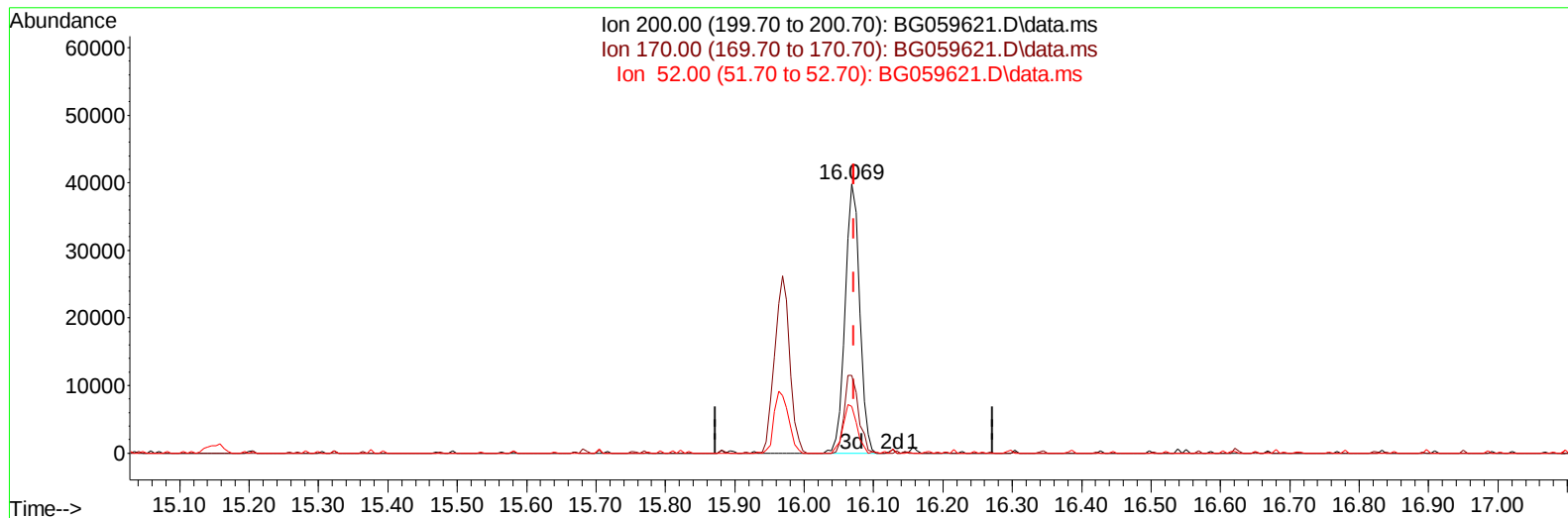
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059621.D
Acq On : 4 Nov 2023 13:56
Operator : MA/JU
Sample : 04996-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:28:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

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

16.069min (-0.003) 30.19 ng/ul m

response 57727

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	28.86
52.00	57.90	17.41#
0.00	0.00	0.00

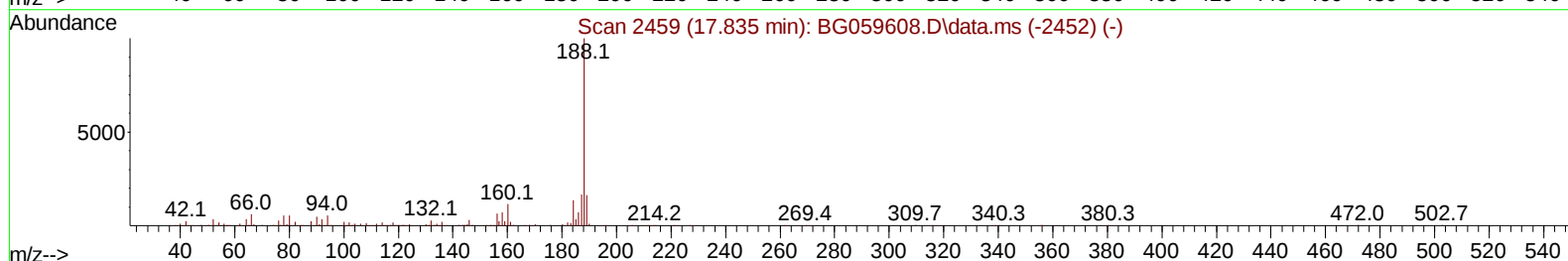
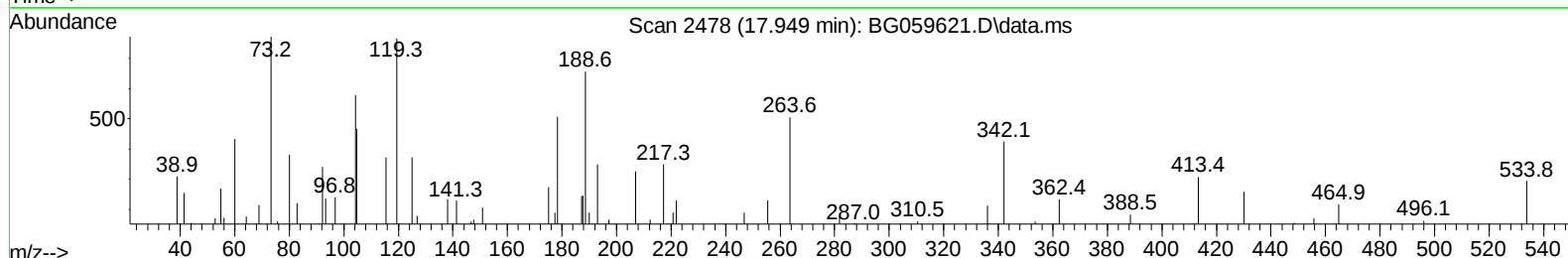
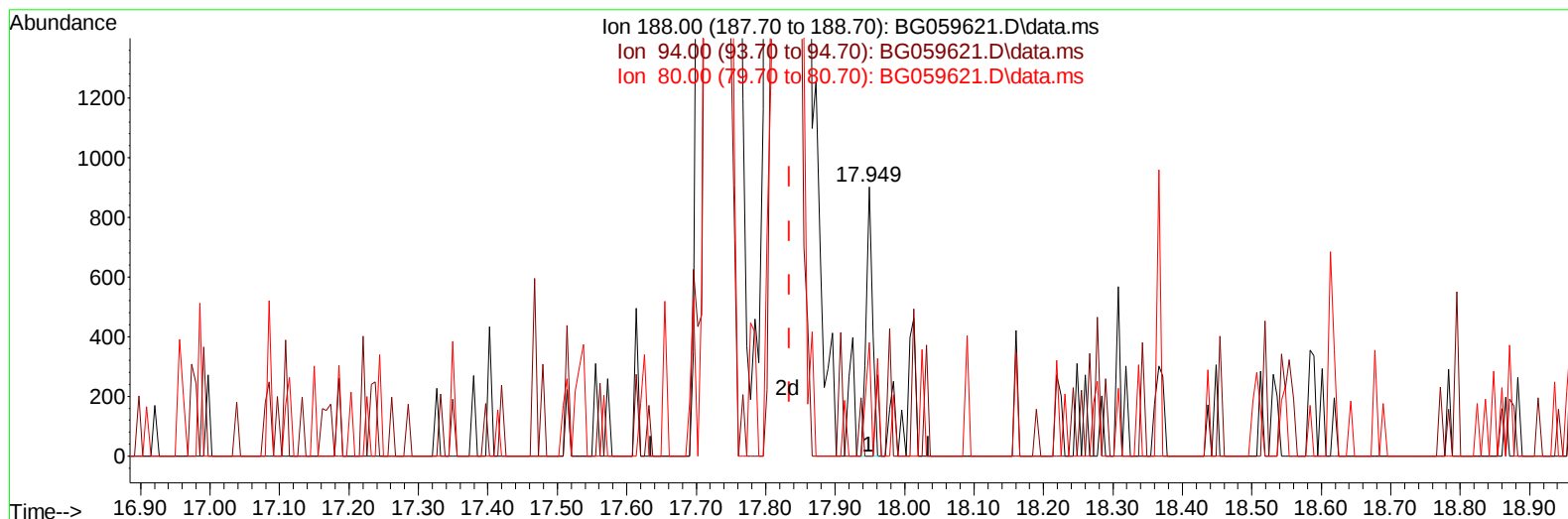
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(73) Anthracene-d10 (S)

17.949min (+ 0.114) 0.04 ng/u1

response 567

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	0.00#
80.00	5.30	42.08#
0.00	0.00	0.00

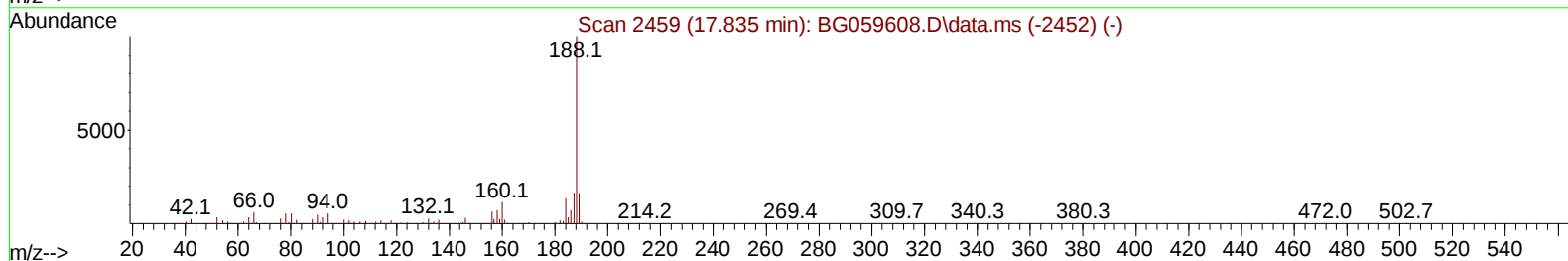
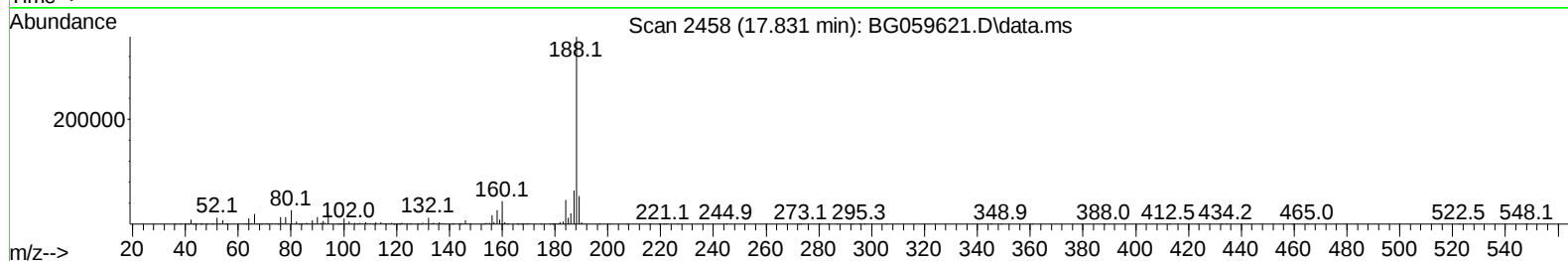
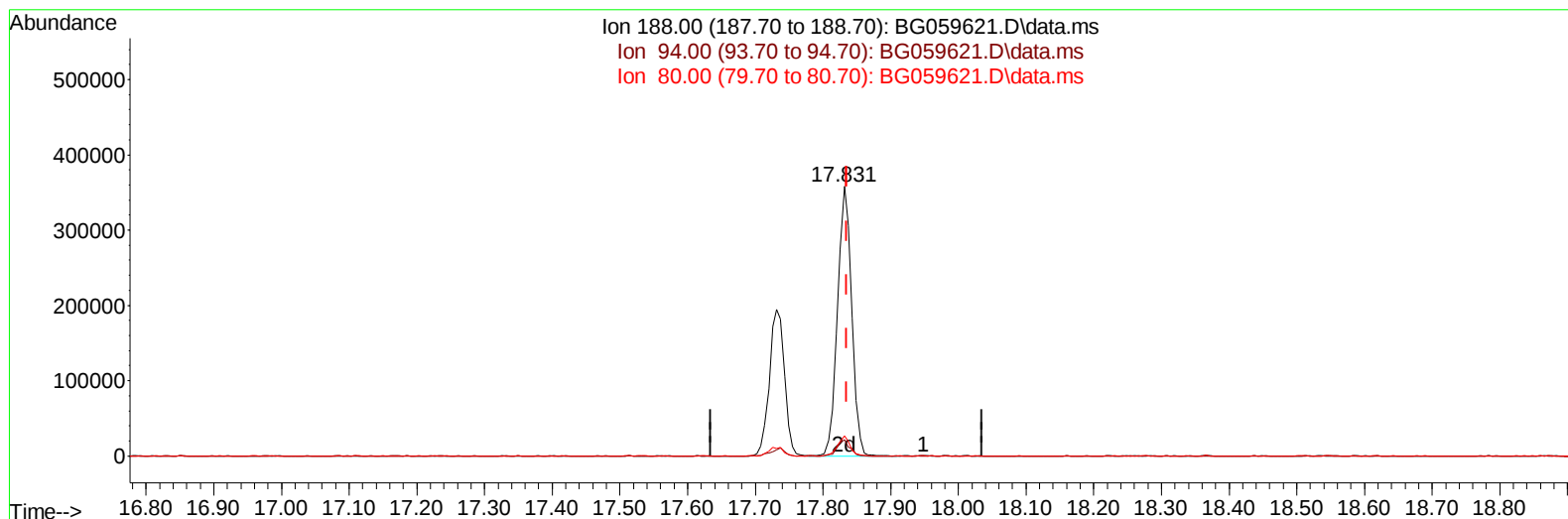
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(73) Anthracene-d10 (S)

17.831min (-0.003) 32.91 ng/ul m

response 520207

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.97
80.00	5.30	7.35#
0.00	0.00	0.00

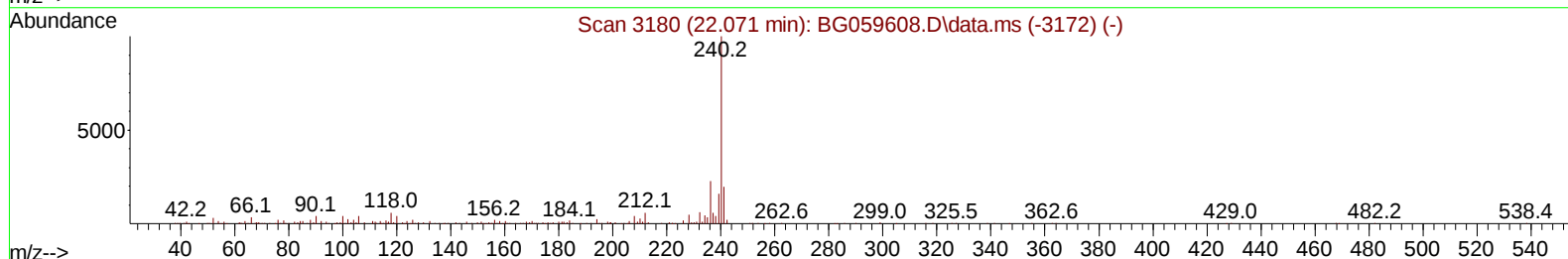
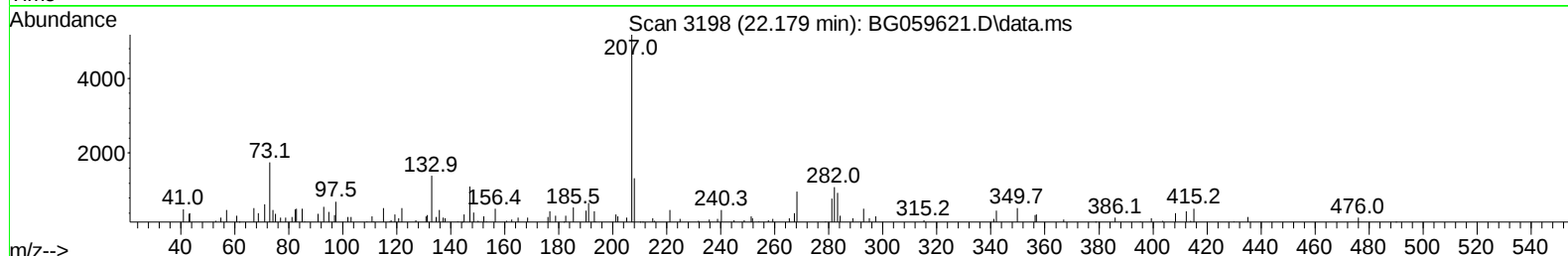
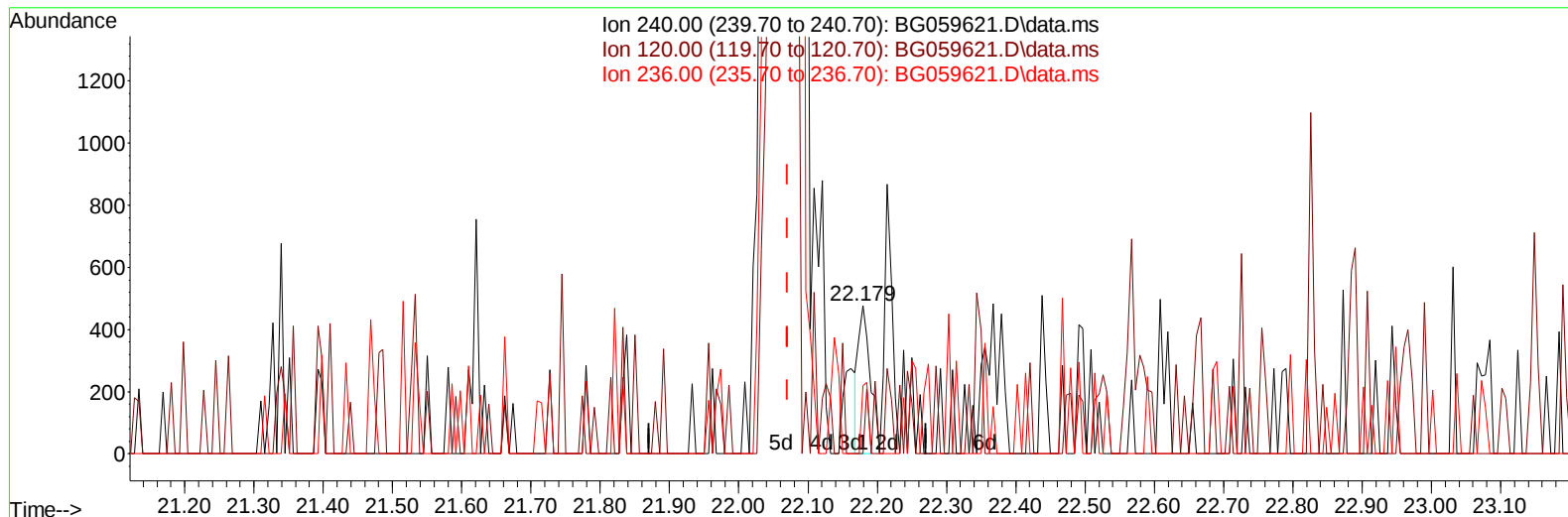
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(79) Chrysene-d12 (I)

22.179min (+ 0.108) 20.00 ng/u1

response 570

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	3.90	54.39#
236.00	23.00	45.82#
0.00	0.00	0.00

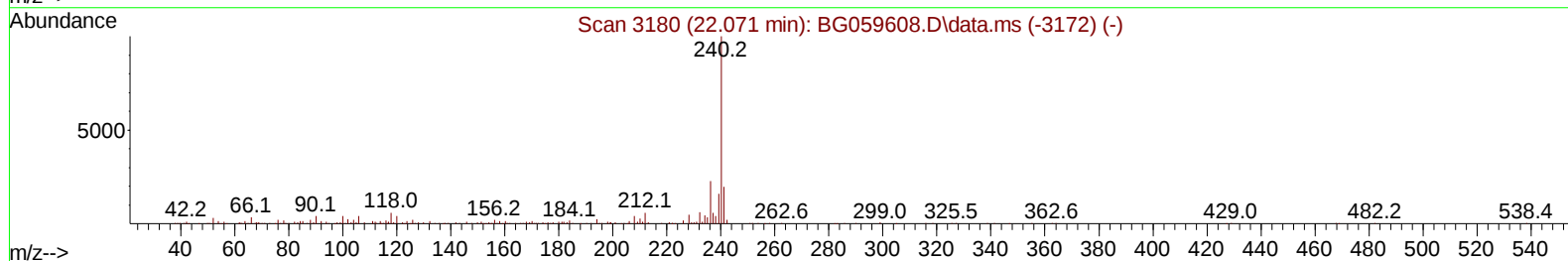
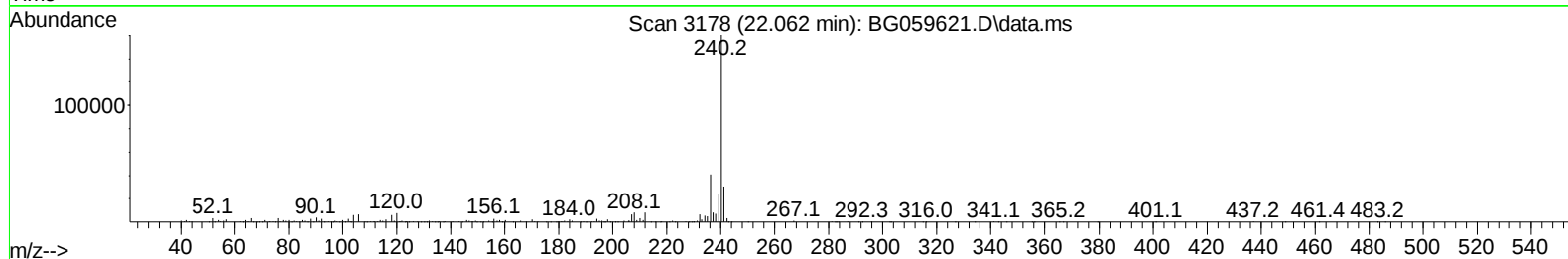
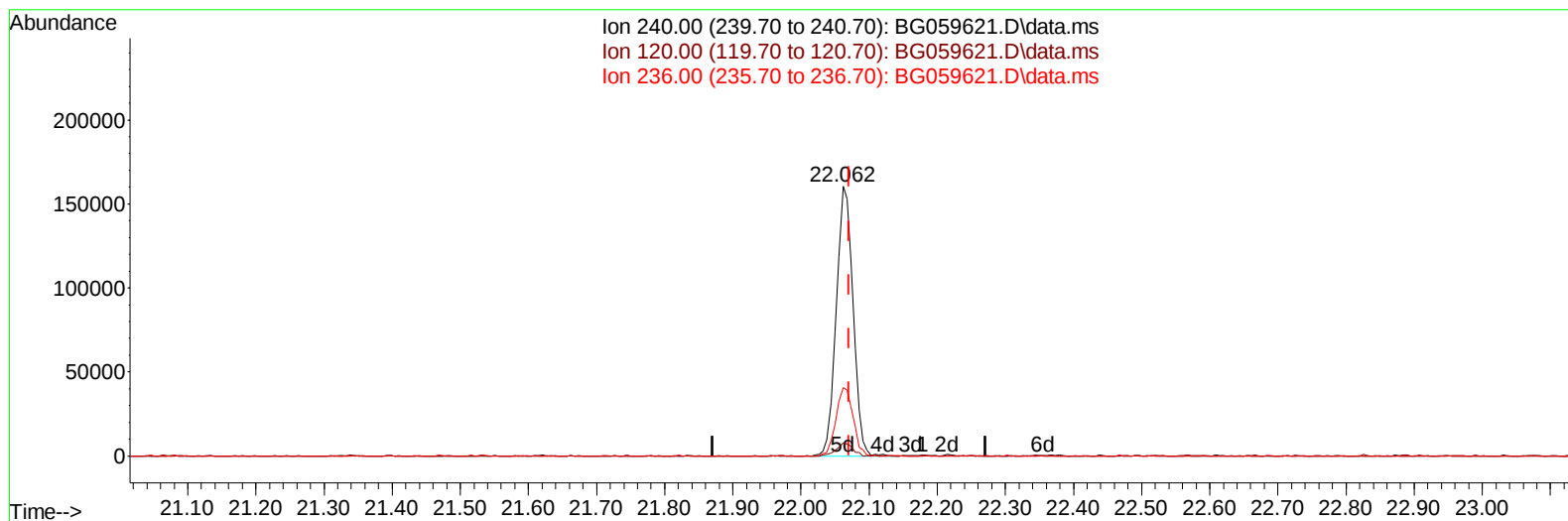
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(79) Chrysene-d12 (I)

22.062min (-0.009) 20.00 ng/ul m

response 273002

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	3.90	4.80#
236.00	23.00	25.47
0.00	0.00	0.00

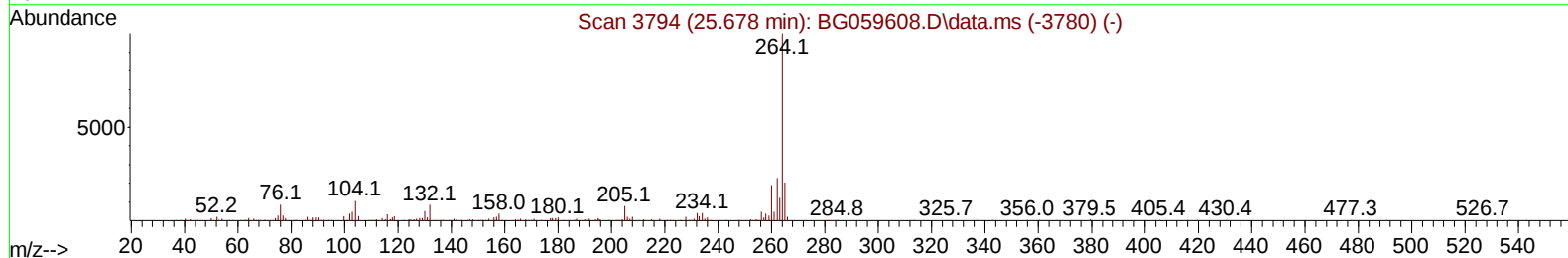
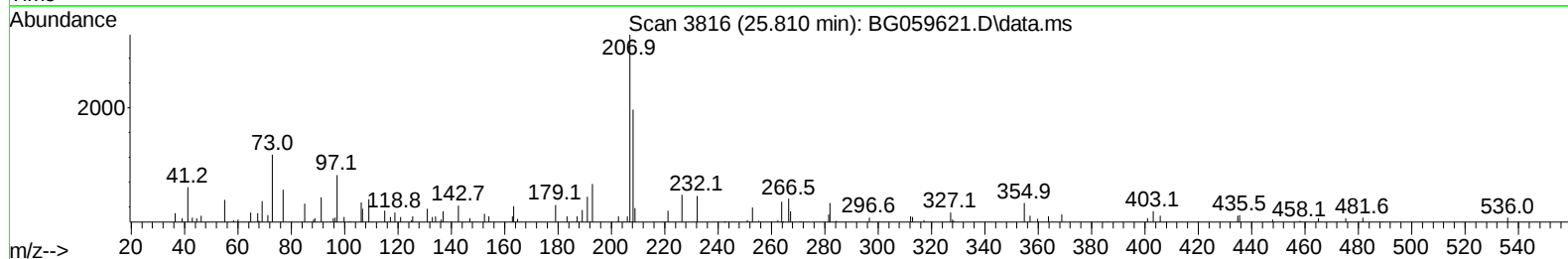
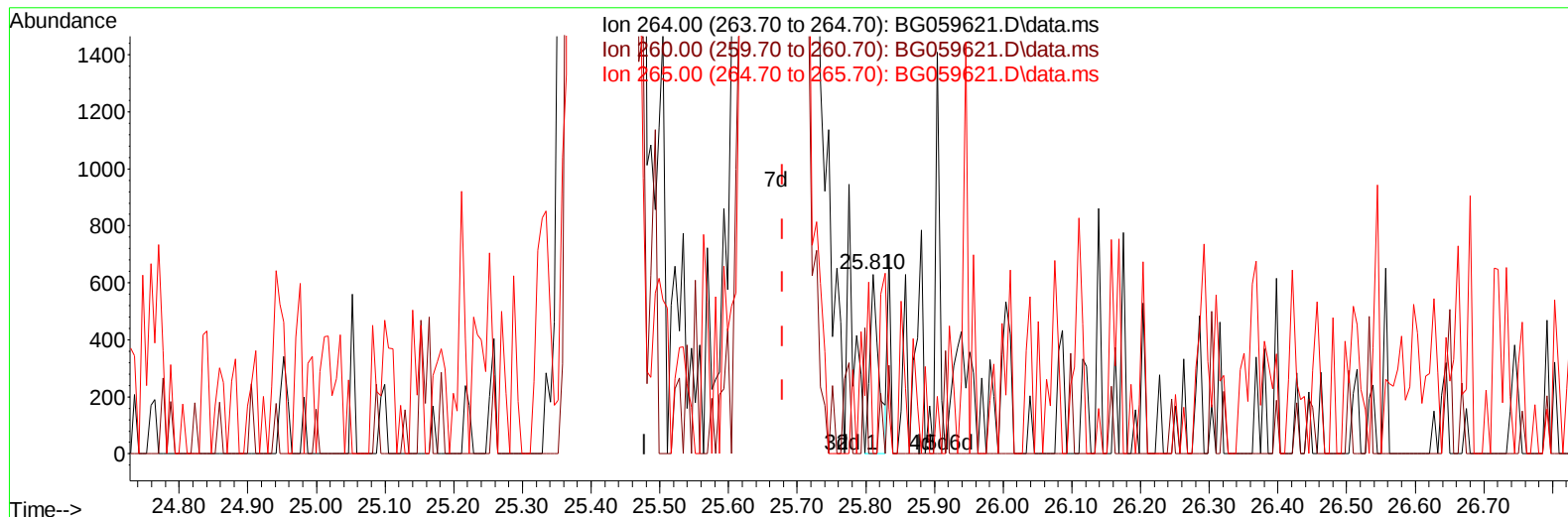
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(88) Perylene-d12 (I)

25.810min (+ 0.132) 20.00 ng/u1

response 572

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	0.00#
265.00	21.70	0.00#
0.00	0.00	0.00

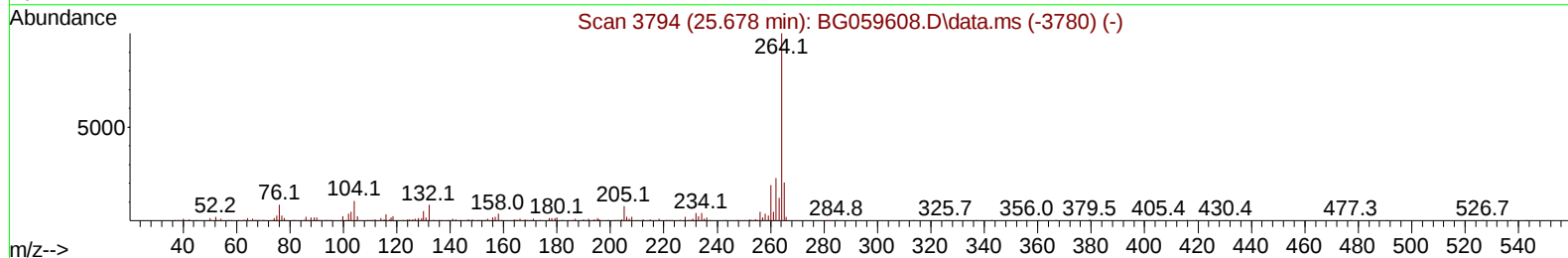
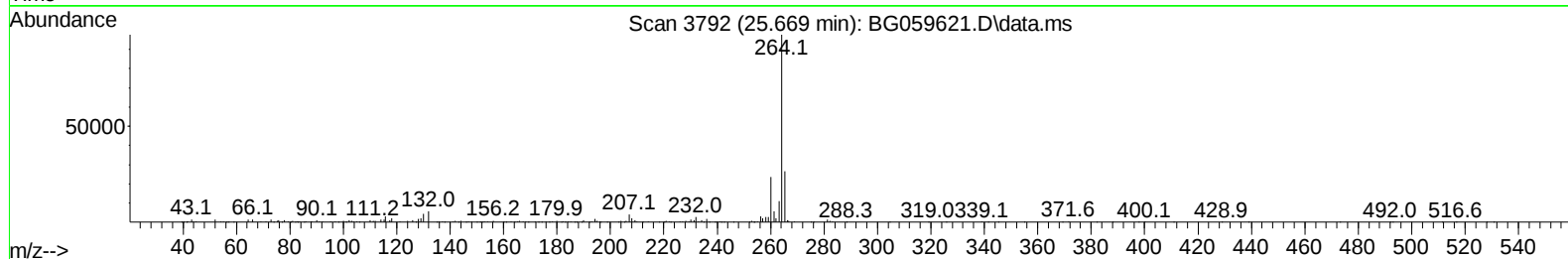
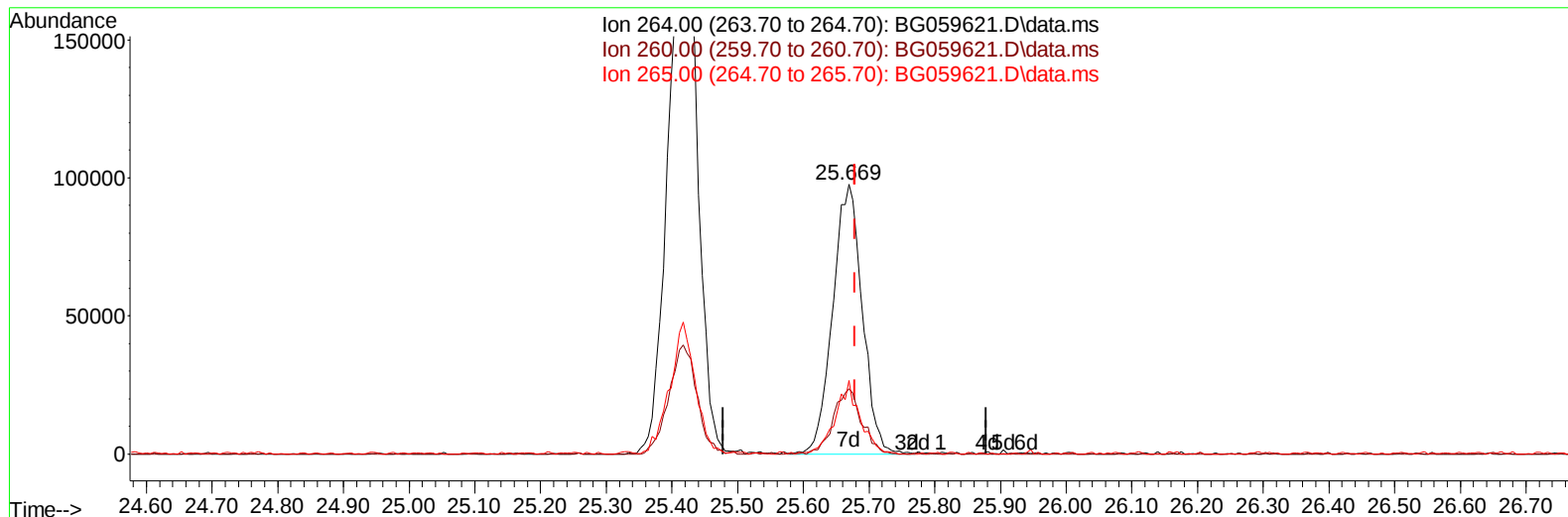
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(88) Perylene-d12 (I)

25.669min (-0.009) 20.00 ng/ul m

response 306801

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	24.30#
265.00	21.70	27.35#
0.00	0.00	0.00

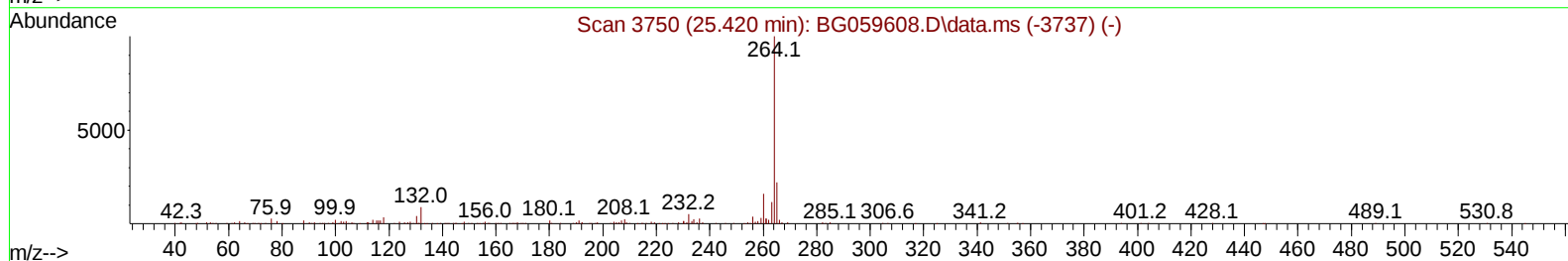
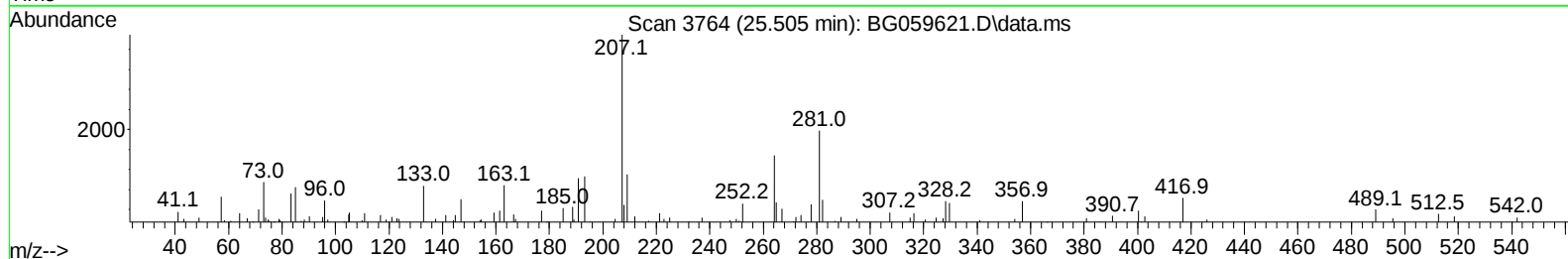
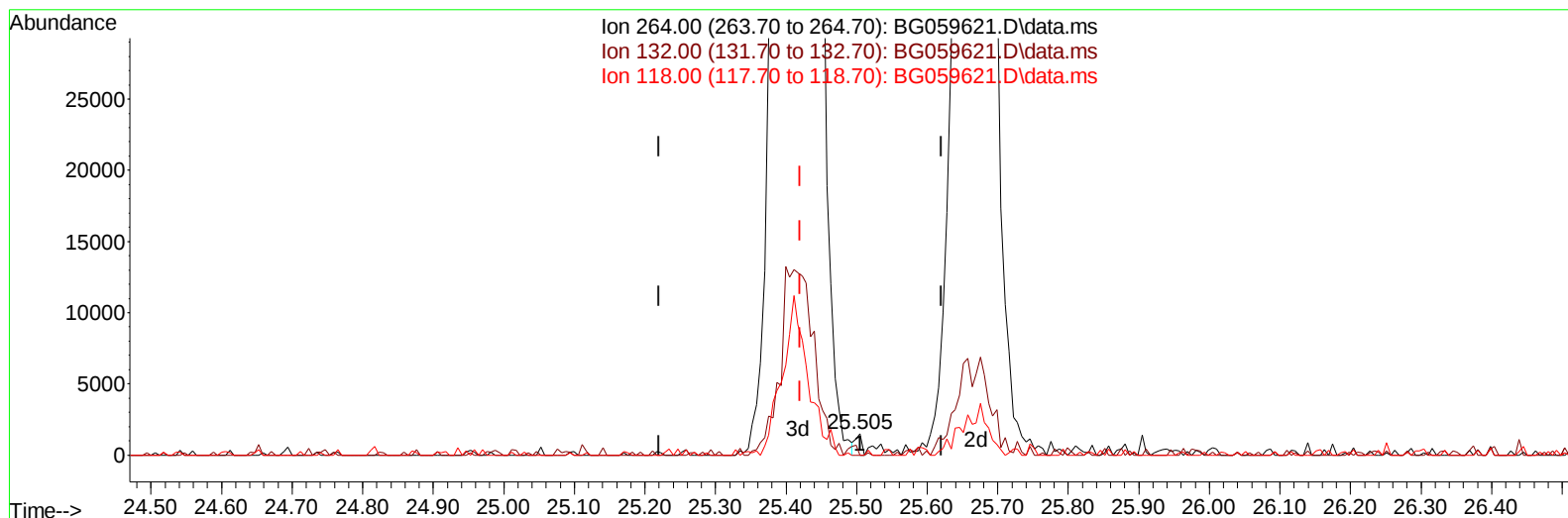
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:30:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.505min (+ 0.085) 0.05 ng/u1

response 926

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	8.70	0.00#
118.00	3.40	0.00#
0.00	0.00	0.00

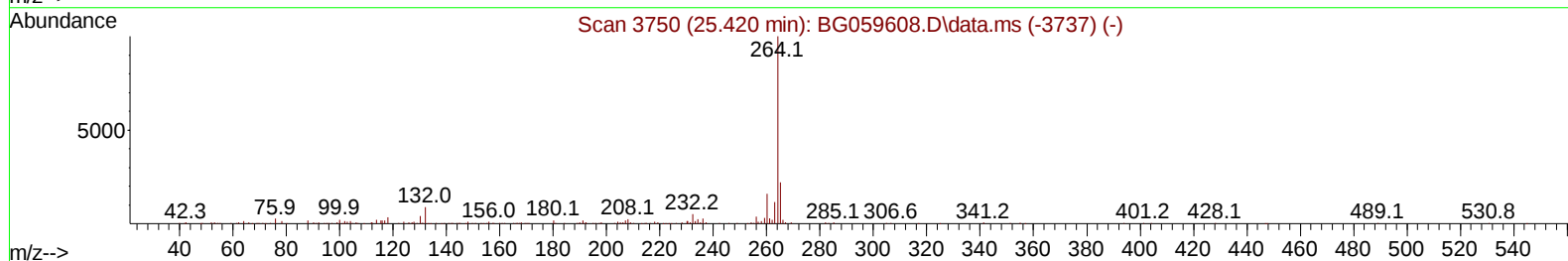
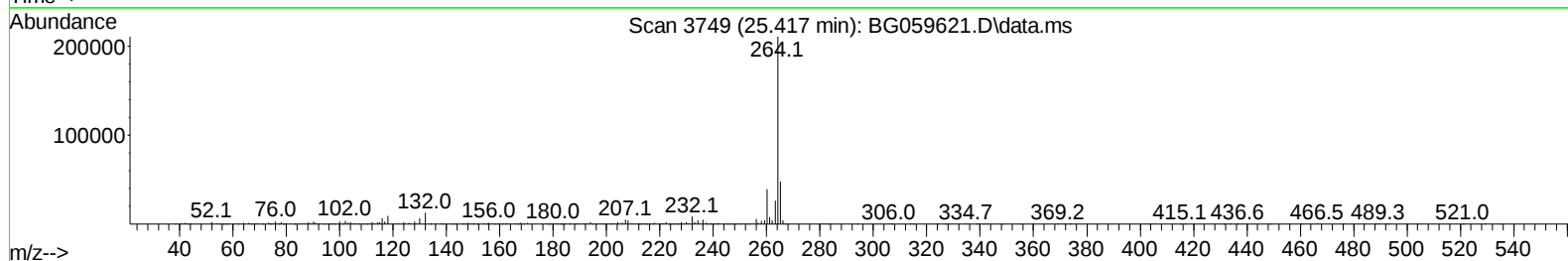
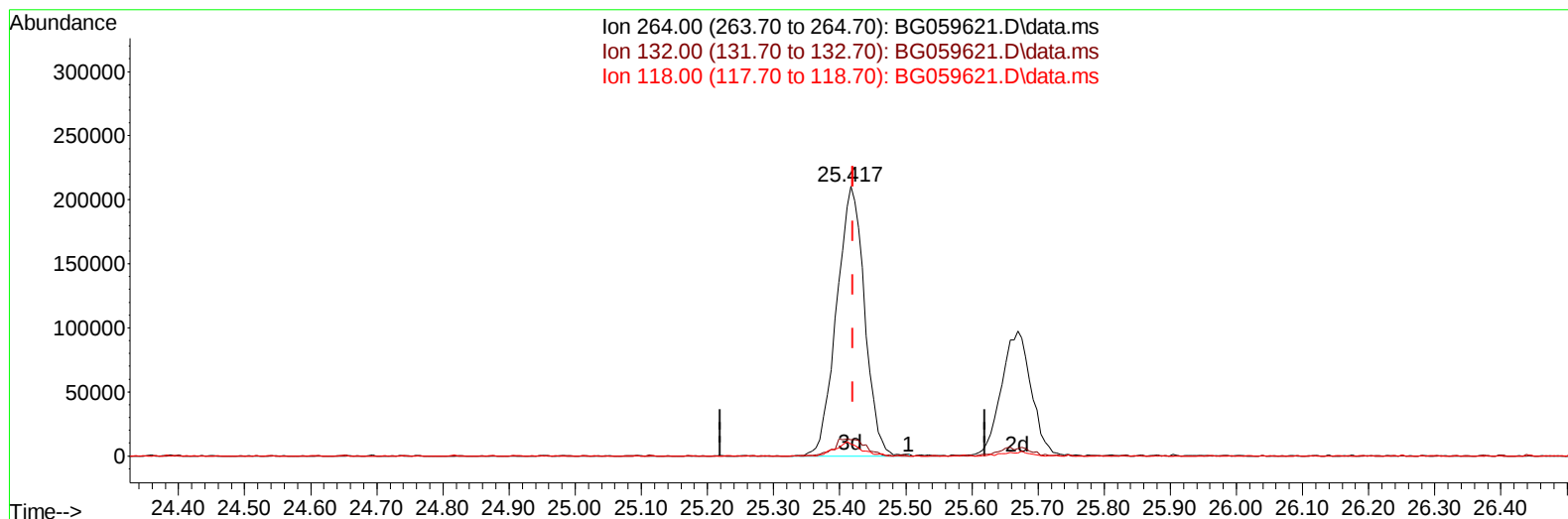
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:30:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059621.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

25.417min (-0.003) 34.40 ng/ul m

response 617893

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	8.70	6.09#
118.00	3.40	4.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059621.D
 Acq On : 4 Nov 2023 13:56
 Operator : MA/JU
 Sample : 04996-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:30:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	30974	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	184956	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.982	164	138797	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	302052m	20.000	ng/ul	0.00
79) Chrysene-d12	22.062	240	273002m	20.000	ng/ul	0.00
88) Perylene-d12	25.669	264	306801m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	4107	4.970	ng/uL	0.00
4) Pyridine-d5	4.083	84	30032	12.358	ng/ul	0.00
7) Phenol-d5	7.461	99	19899	6.284	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	48994	28.937	ng/ul	0.00
11) 2-Chlorophenol-d4	7.867	132	55043	25.593	ng/ul	0.00
15) 4-Methylphenol-d8	9.030	113	39086	15.081	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	35200	26.024	ng/ul	0.00
24) 2-Nitrophenol-d4	10.270	143	50670	31.041	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.793	165	88418	30.488	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	129496	28.376	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	378382	33.968	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	439828	33.113	ng/ul	0.00
54) 4-Nitrophenol-d4	15.146	143	13095	6.658	ng/ul	0.00
60) Fluorene-d10	15.969	176	326192	31.104	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.069	200	57727m	30.195	ng/ul	0.00
73) Anthracene-d10	17.831	188	520207m	32.906	ng/ul	0.00
81) Pyrene-d10	20.105	212	595474	34.085	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.417	264	617893m	34.404	ng/ul	0.00

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059621.D
Acq On : 4 Nov 2023 13:56
Operator : MA/JU
Sample : 04996-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A49C8

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:30:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

