

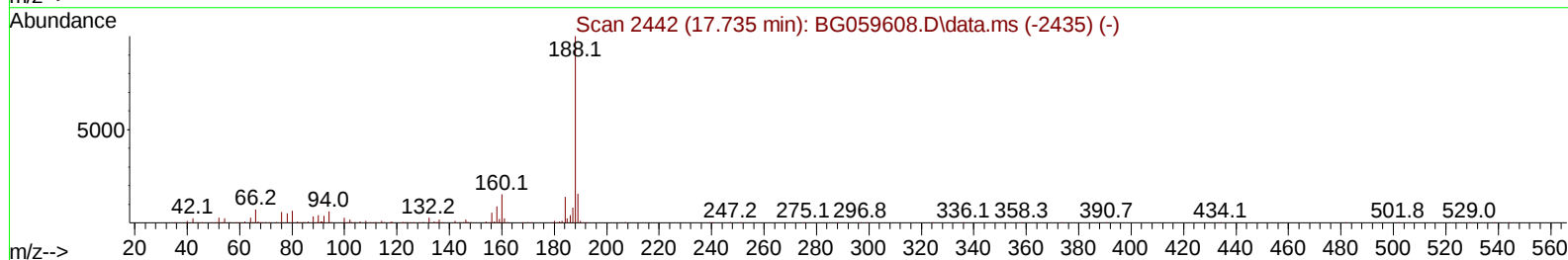
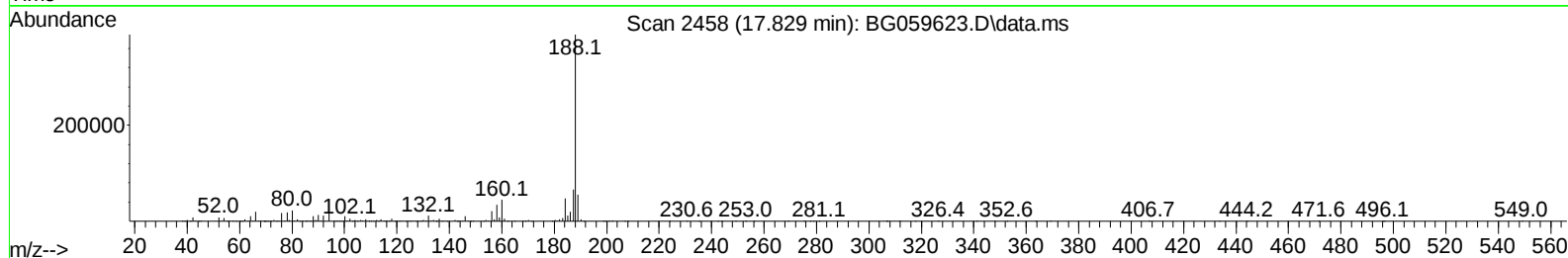
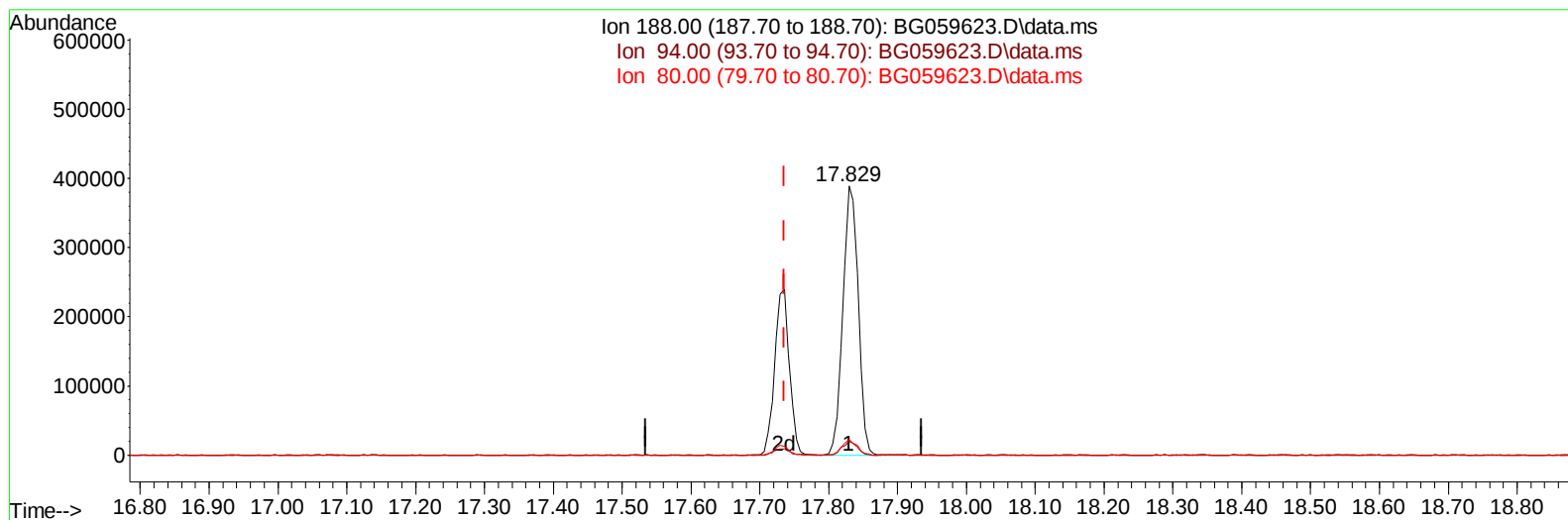
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:54:39 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: BG059623.D\data.ms

(64) Phenanthrene-d10 (I)

17.829min (+ 0.095) 20.00 ng/u1

response 598727

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	5.20
80.00	6.40	5.91
0.00	0.00	0.00

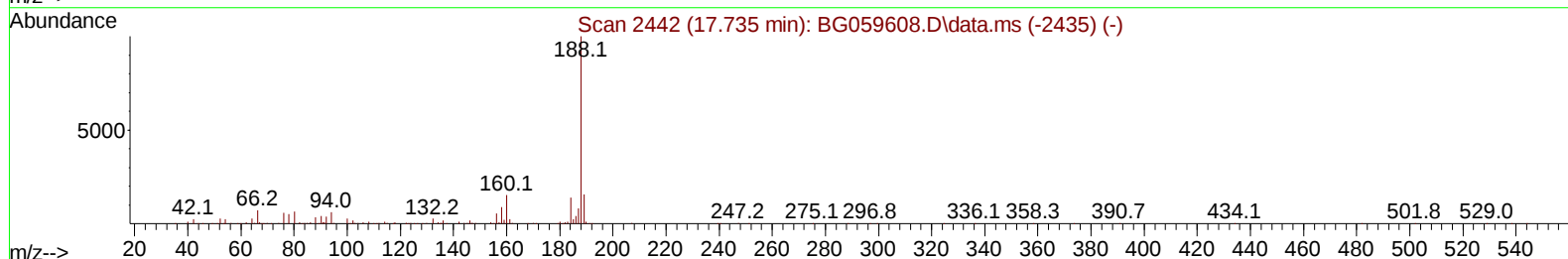
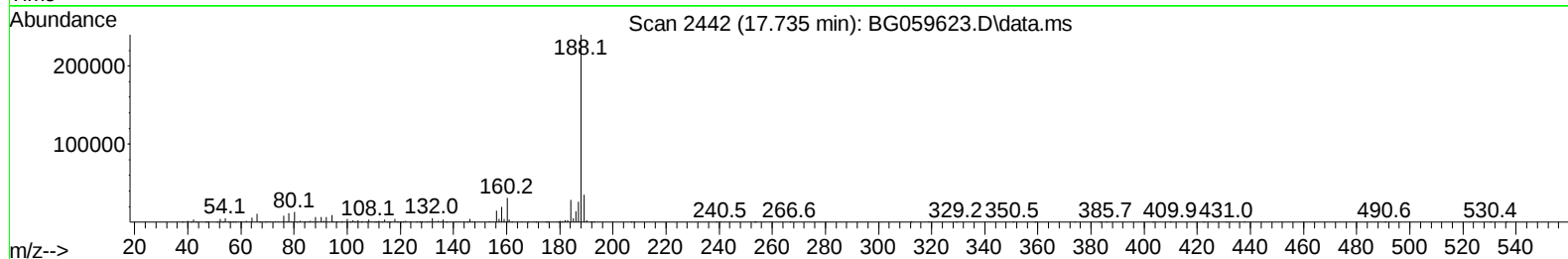
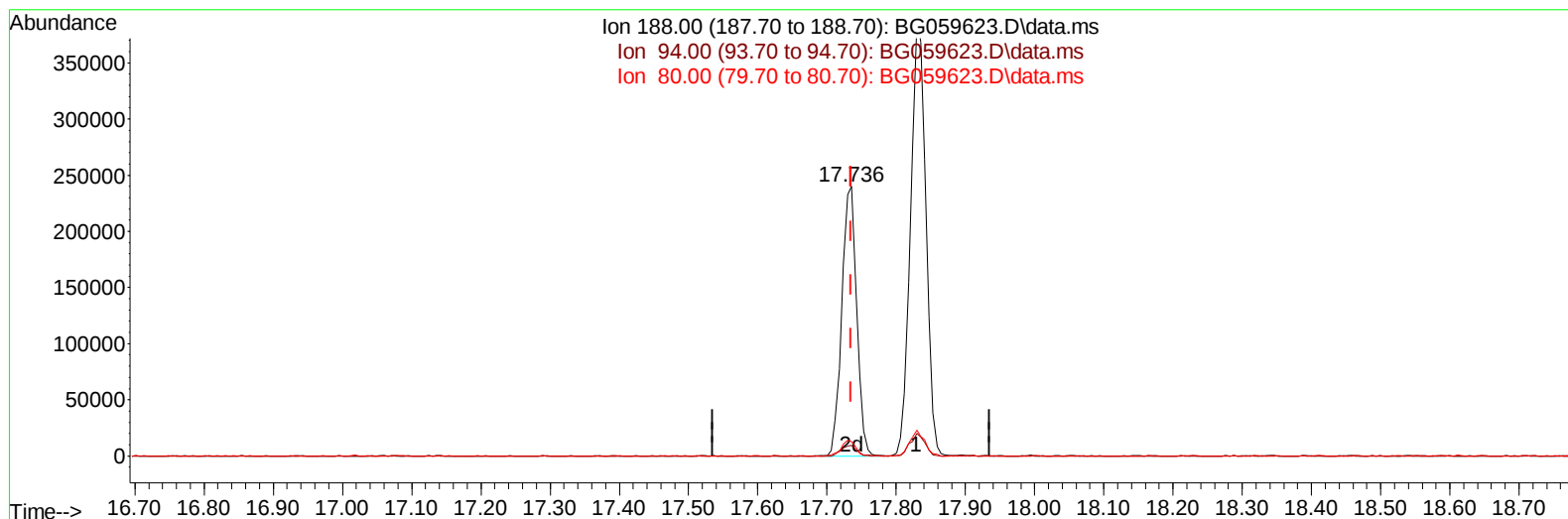
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:54:39 2023
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 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059623.D\data.ms

(64) Phenanthrene-d10 (I)

17.735min (+ 0.001) 20.00 ng/ul m

response 354432

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	3.86#
80.00	6.40	5.35
0.00	0.00	0.00

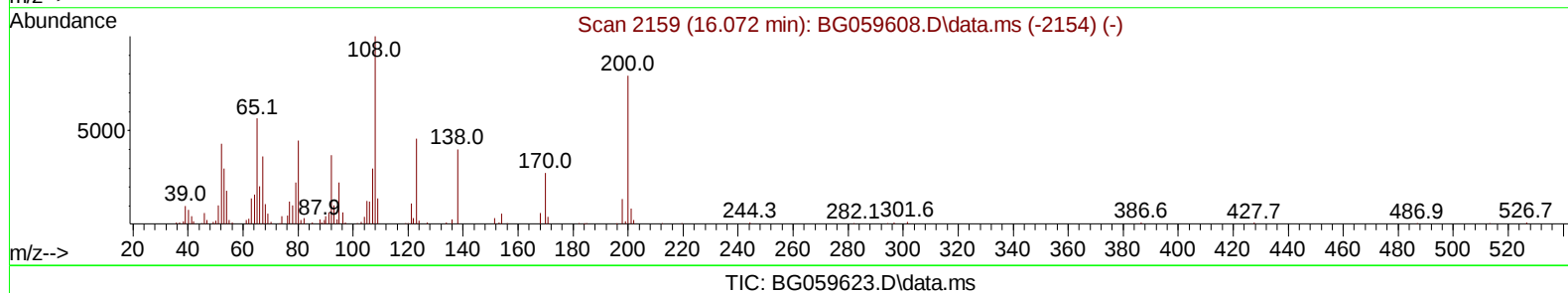
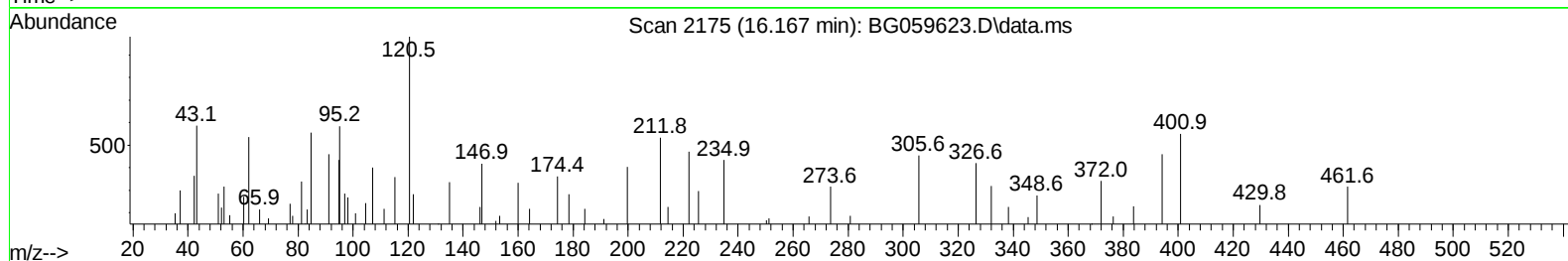
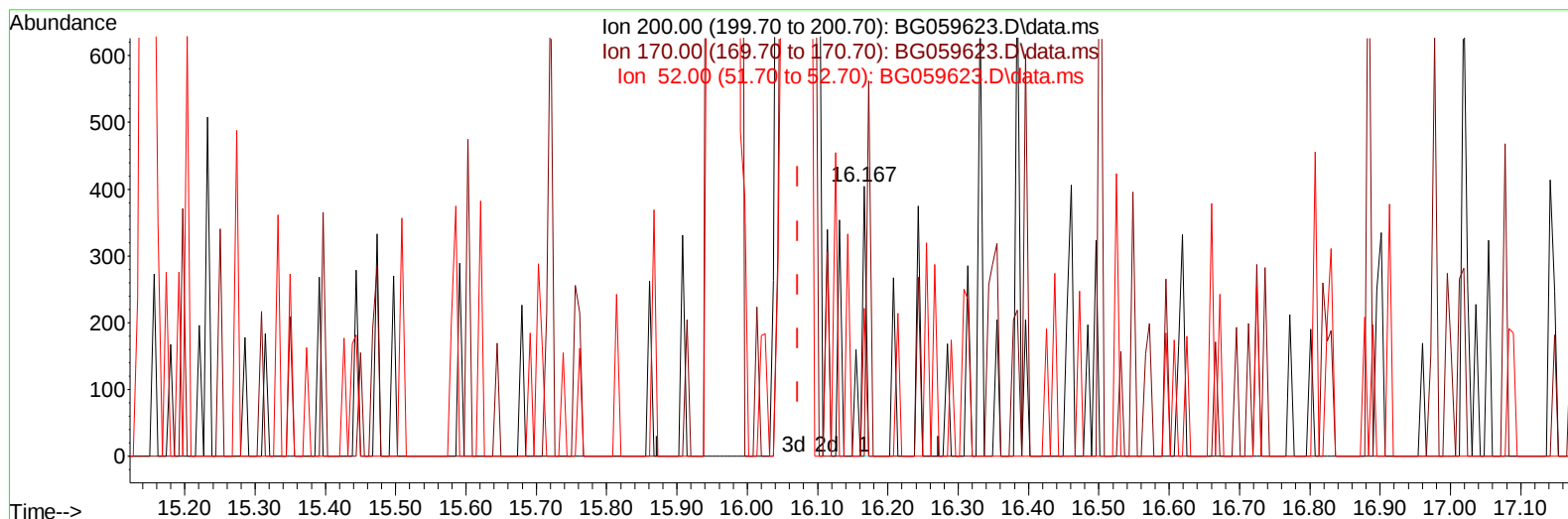
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:10 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
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



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

16.167min (+ 0.095) 0.06 ng/u1

response 142

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	0.00#
52.00	57.90	54.95
0.00	0.00	0.00

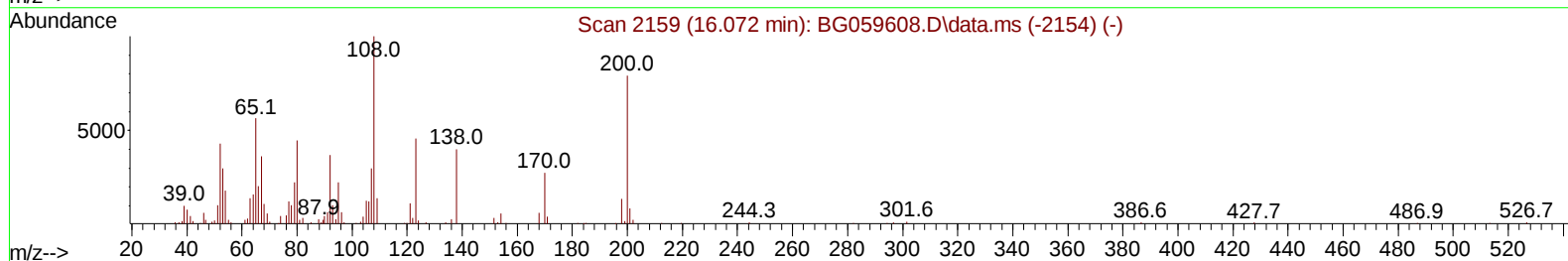
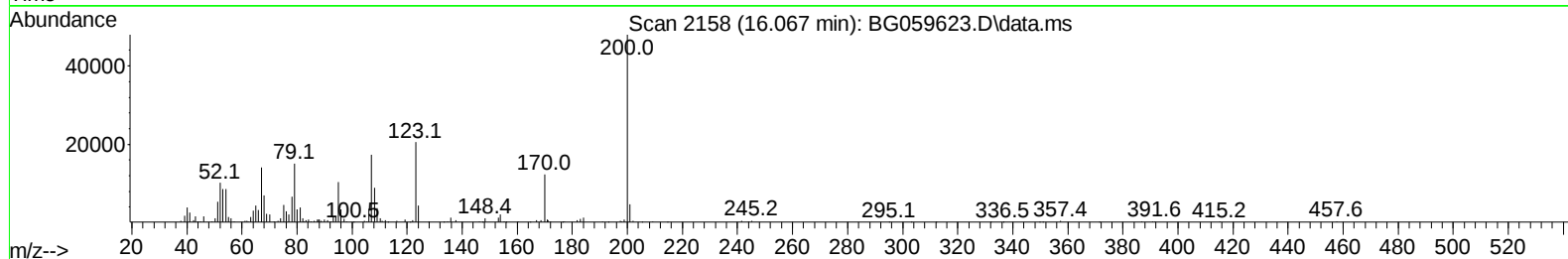
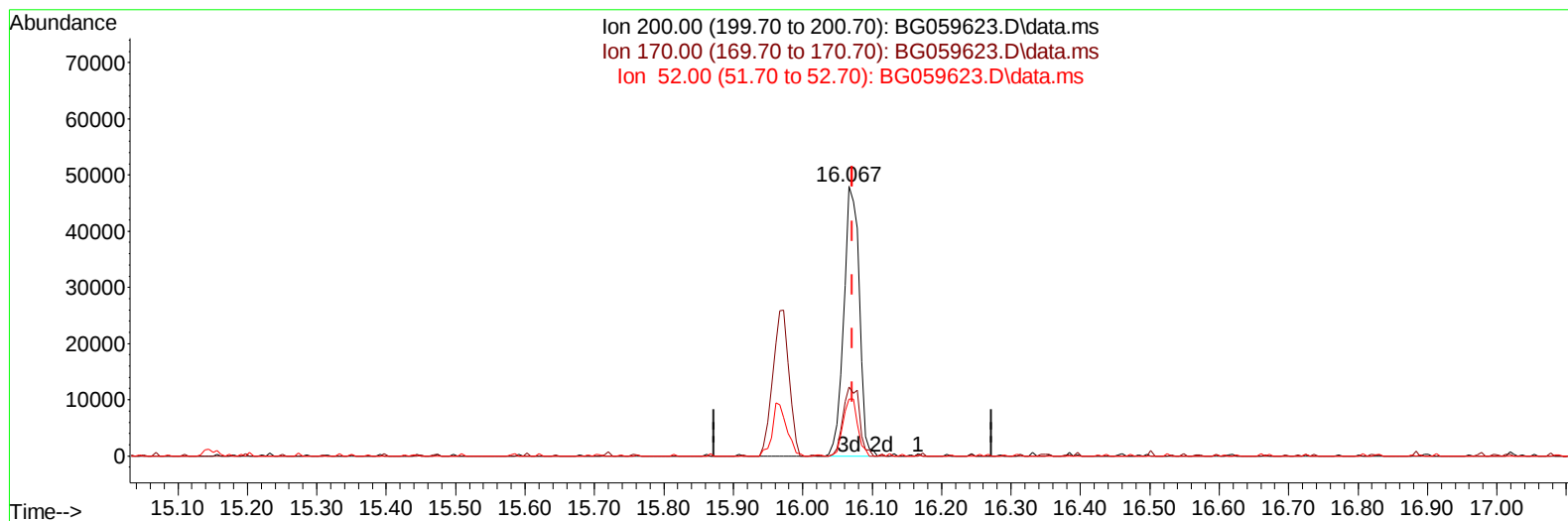
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:10 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
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059623.D\data.ms

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

16.067min (-0.005) 32.86 ng/ul m

response 73719

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	25.54#
52.00	57.90	21.16#
0.00	0.00	0.00

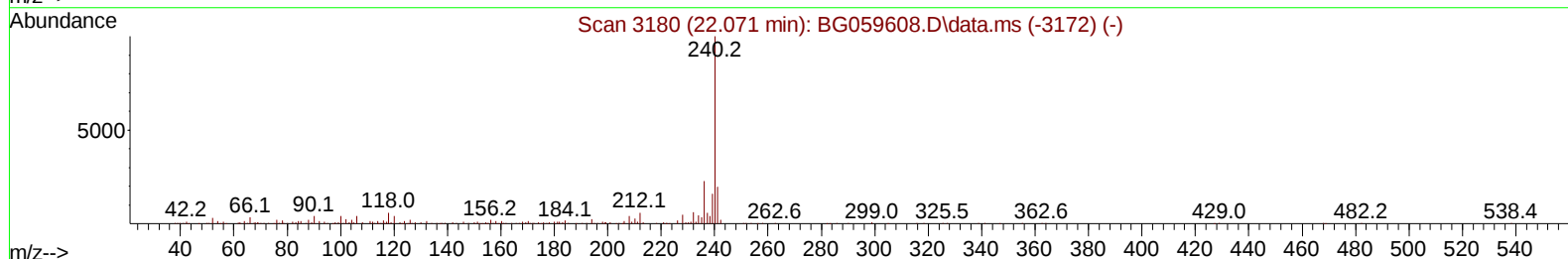
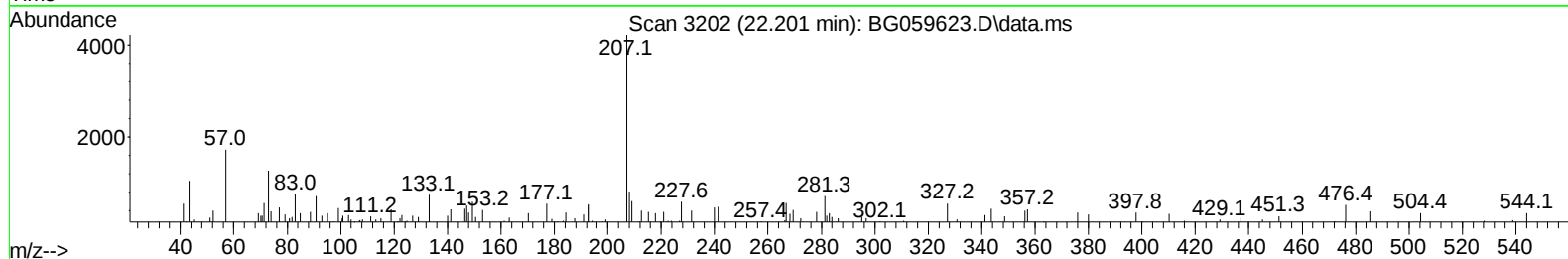
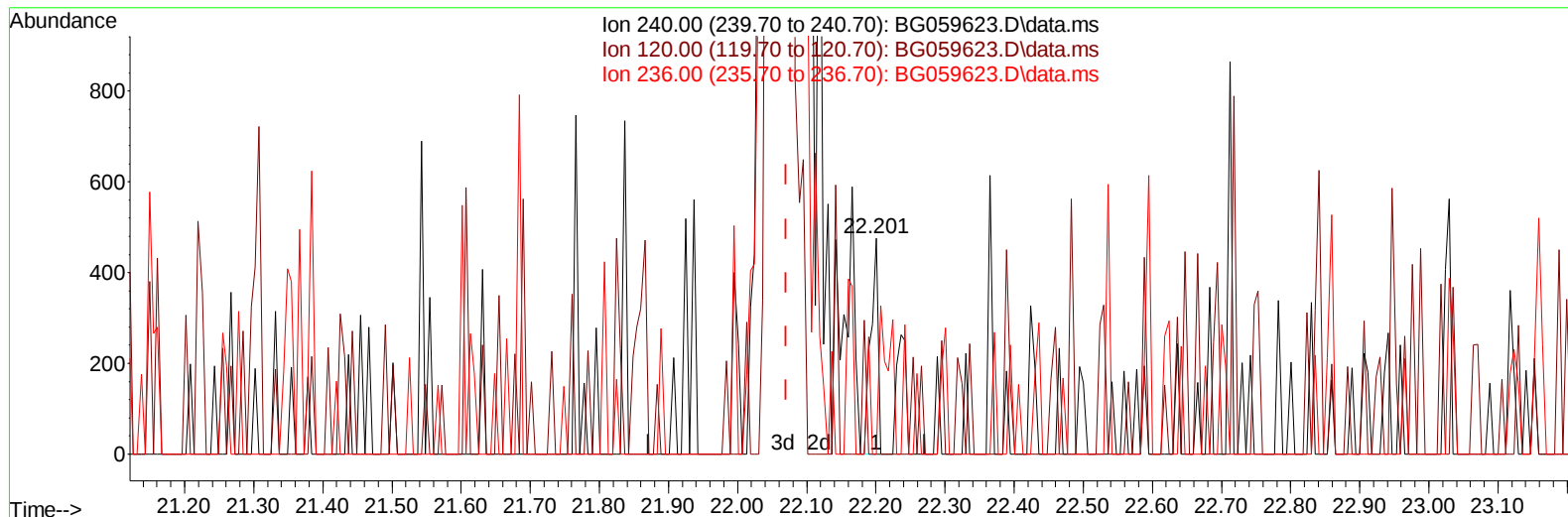
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059623.D
Acq On : 4 Nov 2023 15:17
Operator : MA/JU
Sample : 04996-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:29 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: BG059623.D\data.ms

(79) Chrysene-d12 (I)

22.201min (+ 0.130) 20.00 ng/u1

response 351

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

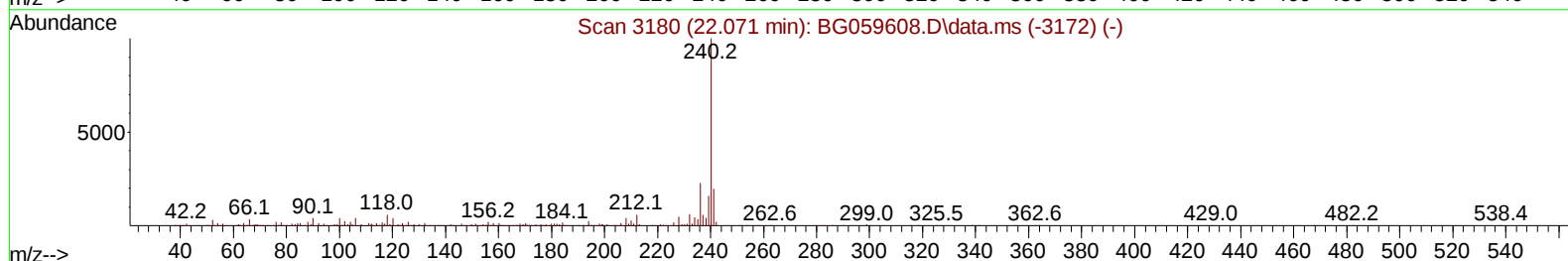
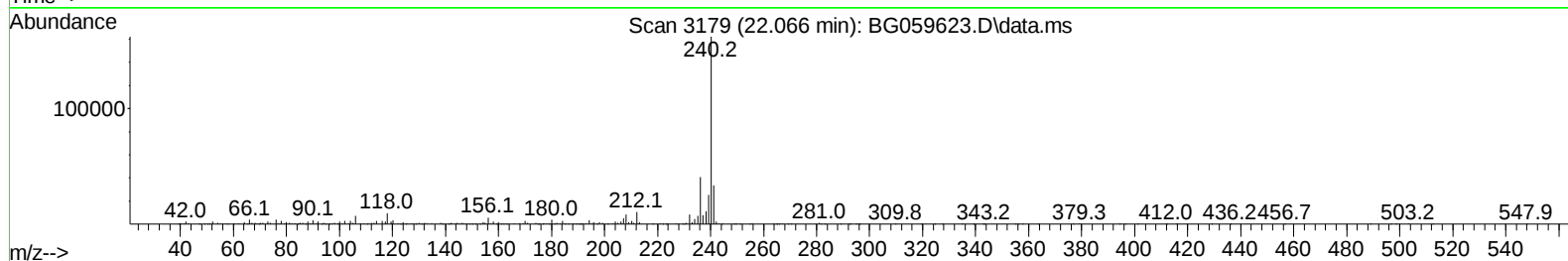
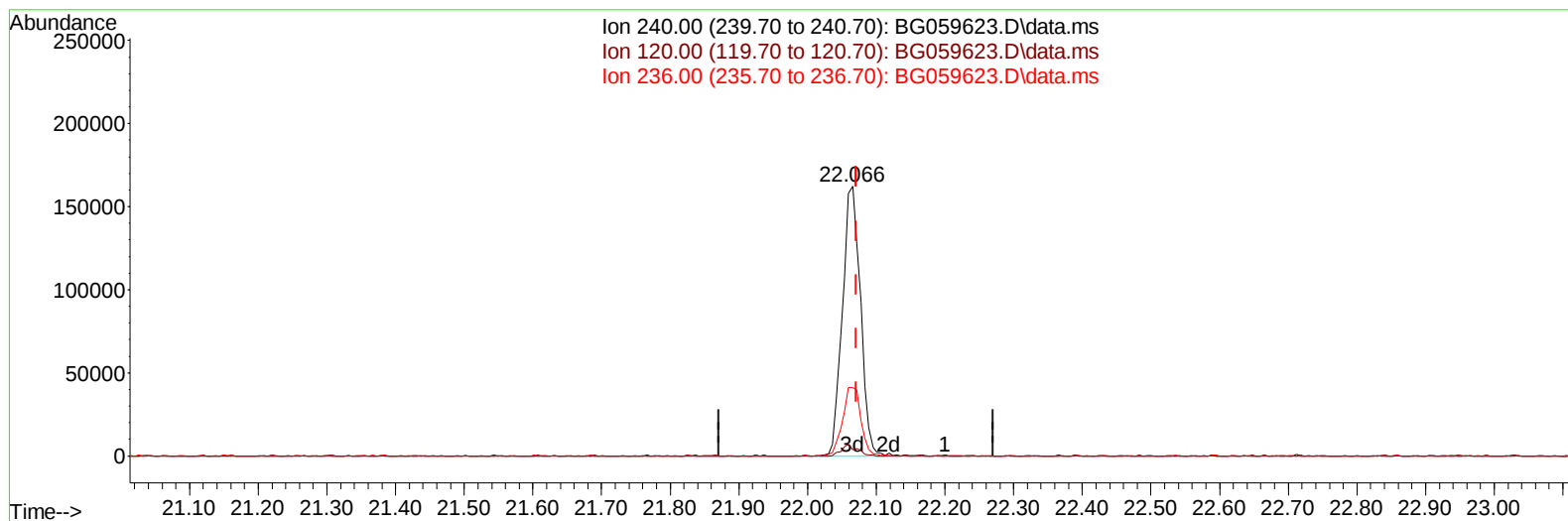
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:29 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: BG059623.D\data.ms

(79) Chrysene-d12 (I)

22.066min (-0.005) 20.00 ng/ul m

response 293787

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	3.90	2.23#
236.00	23.00	25.26
0.00	0.00	0.00

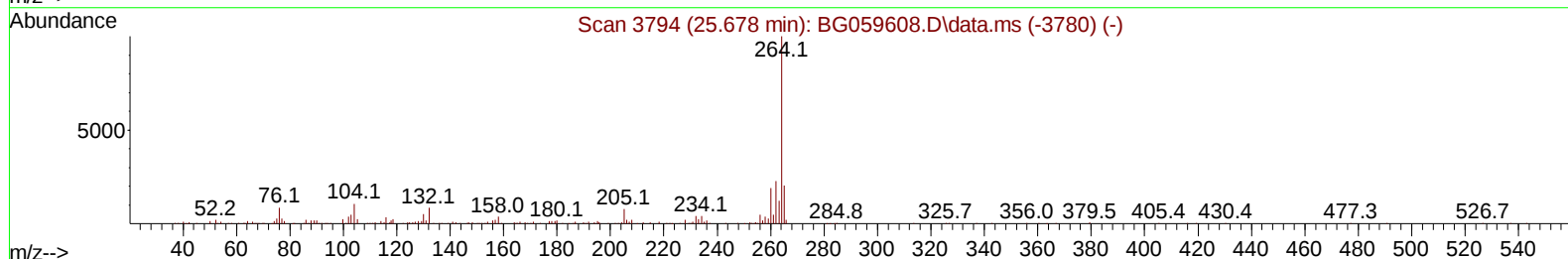
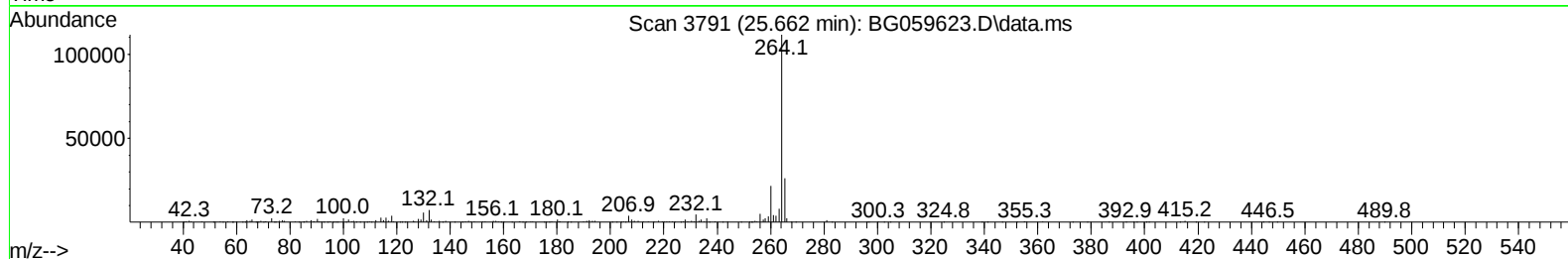
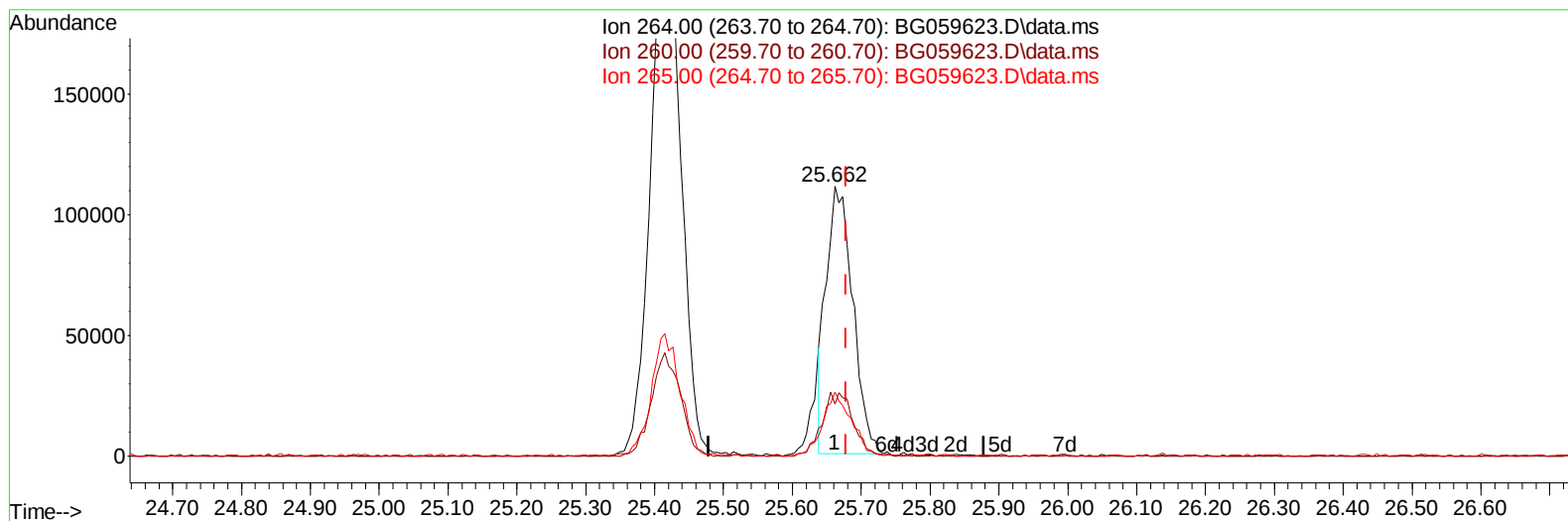
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059623.D\data.ms

(88) Perylene-d12 (I)

25.662min (-0.017) 20.00 ng/u1

response 296713

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	19.33
265.00	21.70	23.64
0.00	0.00	0.00

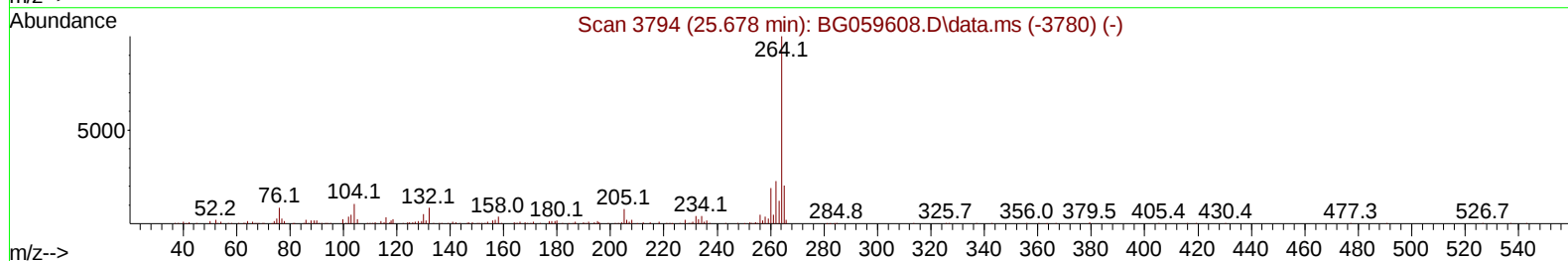
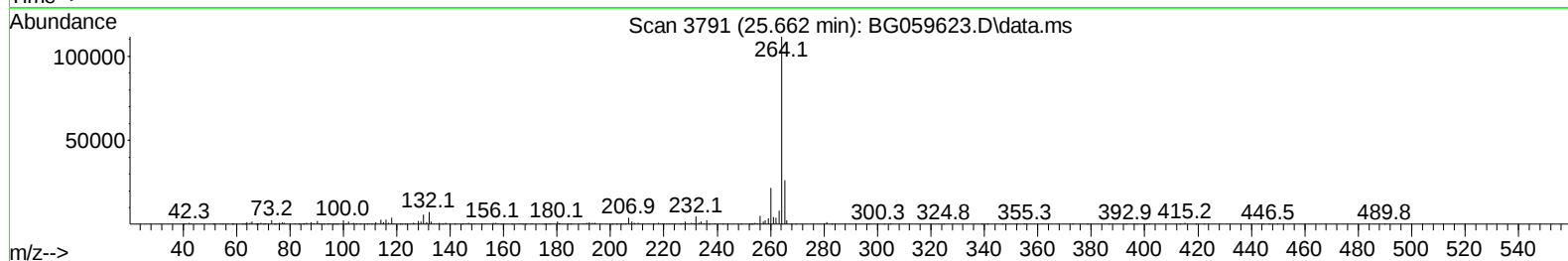
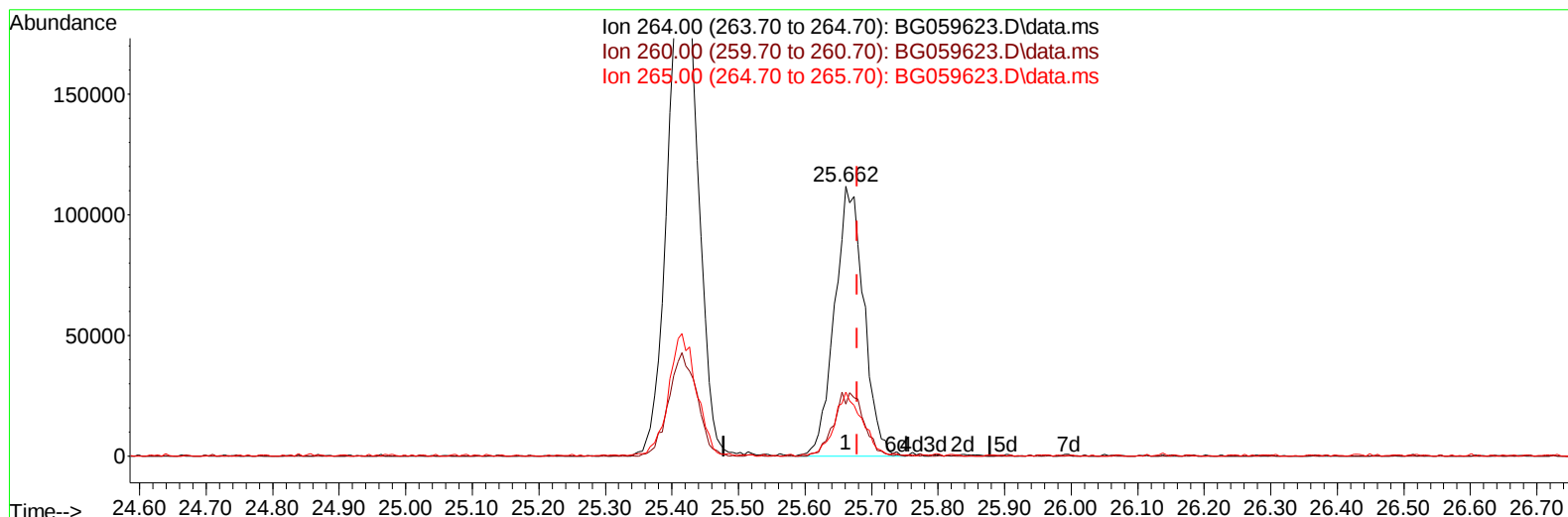
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
 Acq On : 4 Nov 2023 15:17
 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:33:59 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: BG059623.D\data.ms

(88) Perylene-d12 (I)

25.662min (-0.017) 20.00 ng/ul m

response 339559

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	19.33
265.00	21.70	23.64
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059623.D
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 Operator : MA/JU
 Sample : 04996-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4947

Manual IntegrationsAPPROVED

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

Quant Time: Nov 06 00:34:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	43254	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.202	136	211909	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.980	164	154742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	354432m	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	293787m	20.000	ng/ul	0.00
88) Perylene-d12	25.662	264	339559m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	3310	2.868	ng/uL	0.00
4) Pyridine-d5	4.081	84	24353	7.176	ng/ul	0.00
7) Phenol-d5	7.459	99	17684	3.999	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.665	67	48512	20.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.859	132	55167	18.368	ng/ul	-0.01
15) 4-Methylphenol-d8	9.034	113	48020	13.268	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	52737	34.030	ng/ul	0.00
24) 2-Nitrophenol-d4	10.268	143	57228	30.600	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.797	165	96886	29.159	ng/ul	0.00
31) 4-Chloroaniline-d4	11.337	131	138281	26.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	409416	32.967	ng/ul	0.00
49) Acenaphthylene-d8	14.686	160	454684	30.704	ng/ul	0.00
54) 4-Nitrophenol-d4	15.150	143	12201	5.564	ng/ul	0.00
60) Fluorene-d10	15.967	176	365158	31.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.067	200	73719m	32.861	ng/ul	0.00
73) Anthracene-d10	17.829	188	598727	32.276	ng/ul	0.00
81) Pyrene-d10	20.103	212	690749	36.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.415	264	689145	34.669	ng/ul	0.00

Target Compounds Qvalue

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

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