

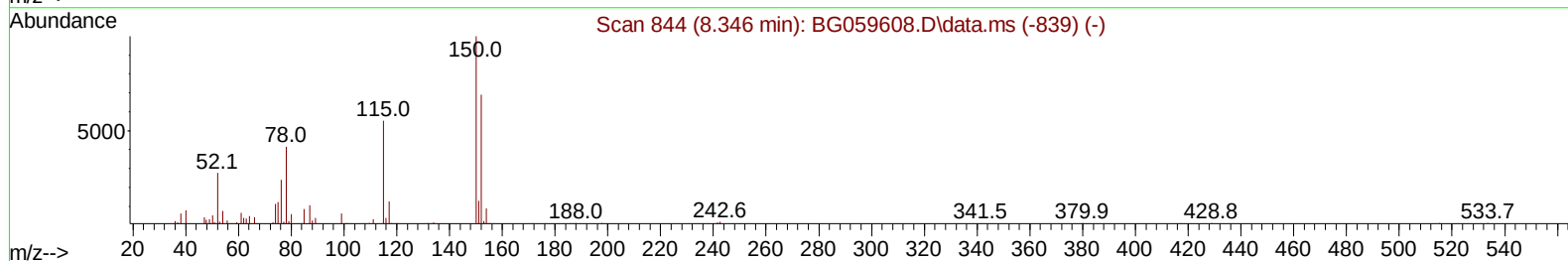
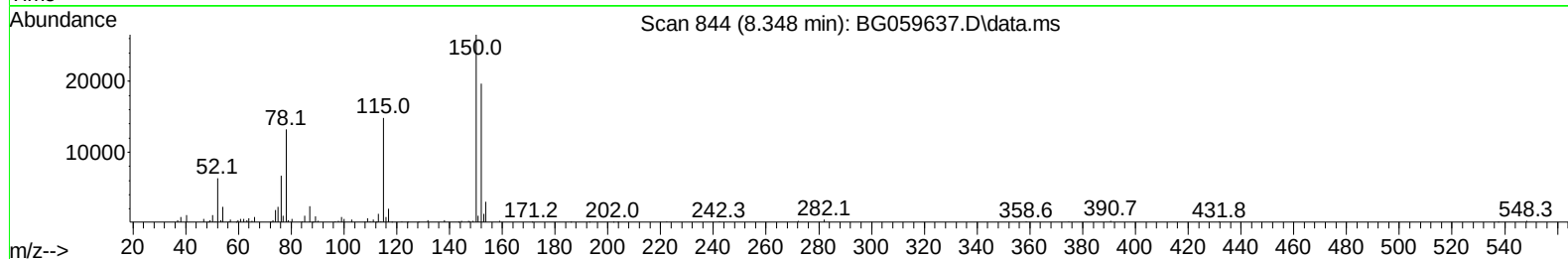
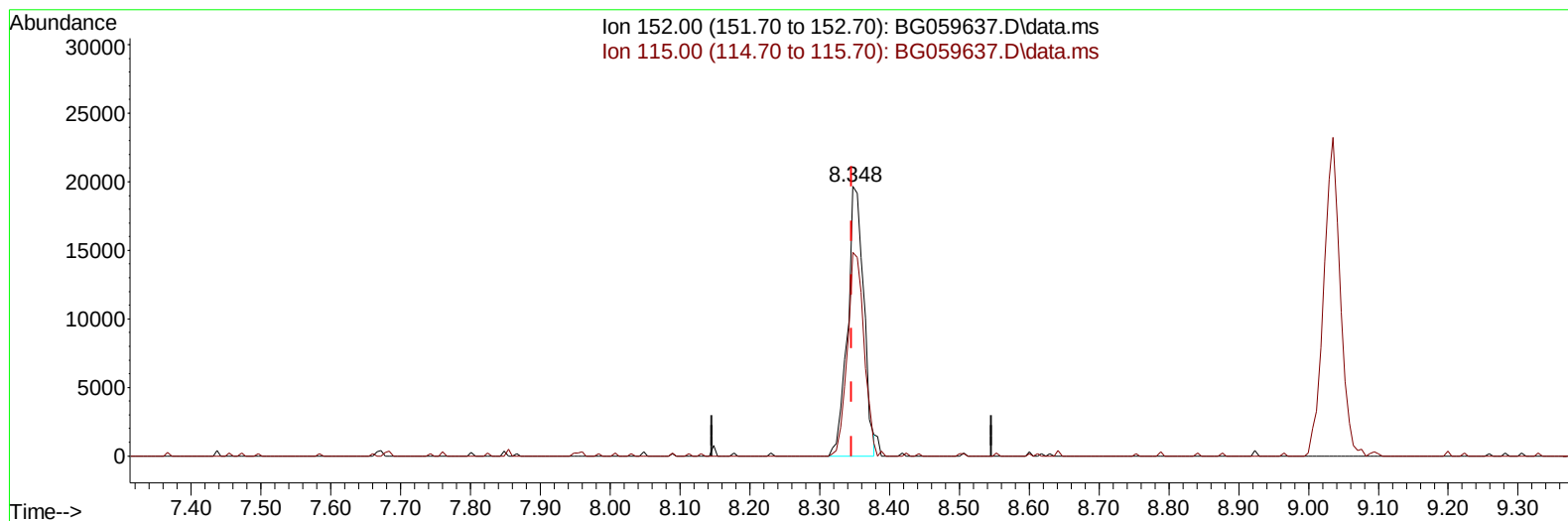
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059637.D
Acq On : 5 Nov 2023 1:27
Operator : MA/JU
Sample : 05016-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4903

Manual IntegrationsAPPROVED

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

Quant Time: Nov 05 23:56:48 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



TIC: BG059637.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.348min (+ 0.002) 20.00 ng/u1

response 31512

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	80.40	75.62
0.00	0.00	0.00
0.00	0.00	0.00

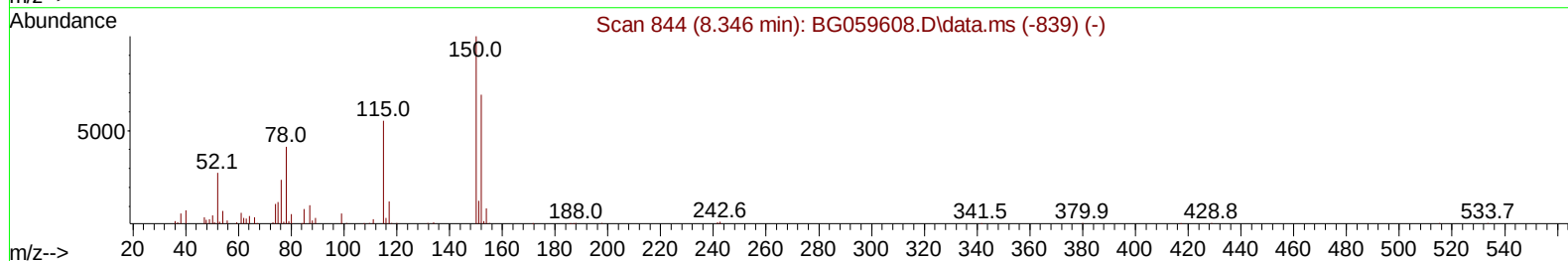
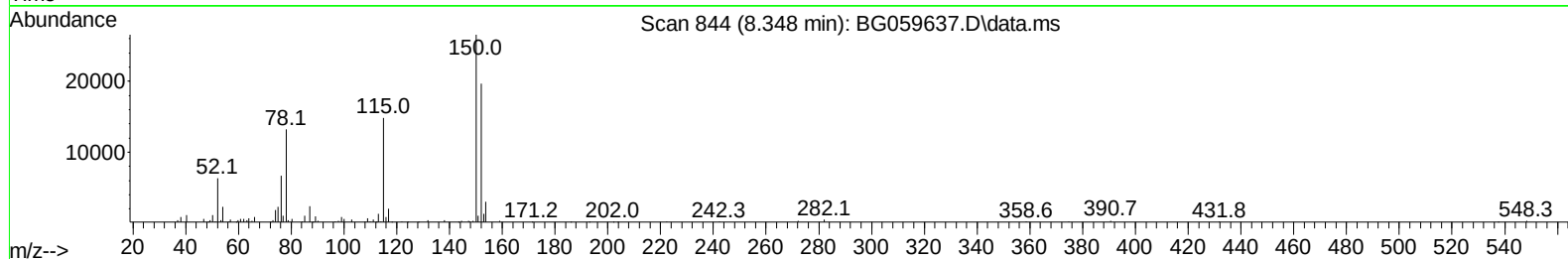
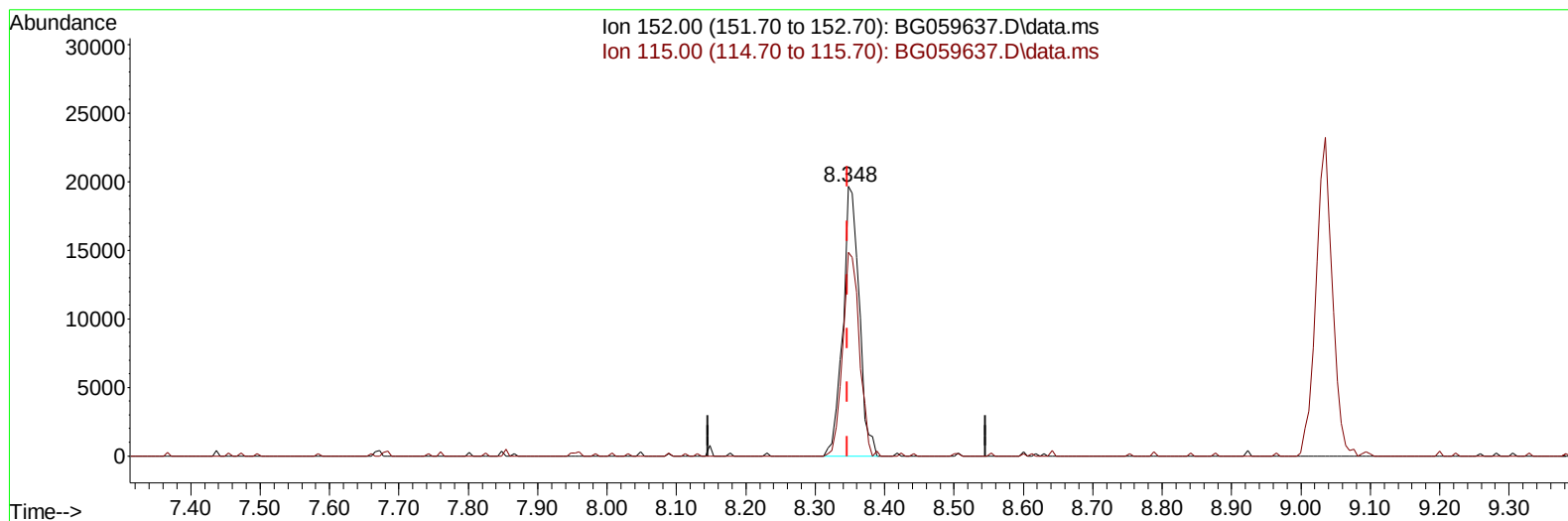
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059637.D
Acq On : 5 Nov 2023 1:27
Operator : MA/JU
Sample : 05016-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4903

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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Quant Time: Nov 05 23:56:48 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration



TIC: BG059637.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.348min (+ 0.002) 20.00 ng/ul m

response 32012

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	80.40	75.62
0.00	0.00	0.00
0.00	0.00	0.00

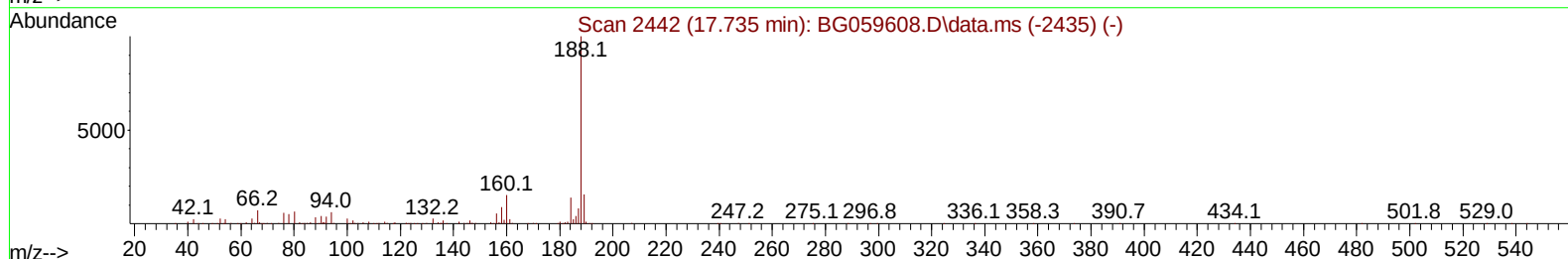
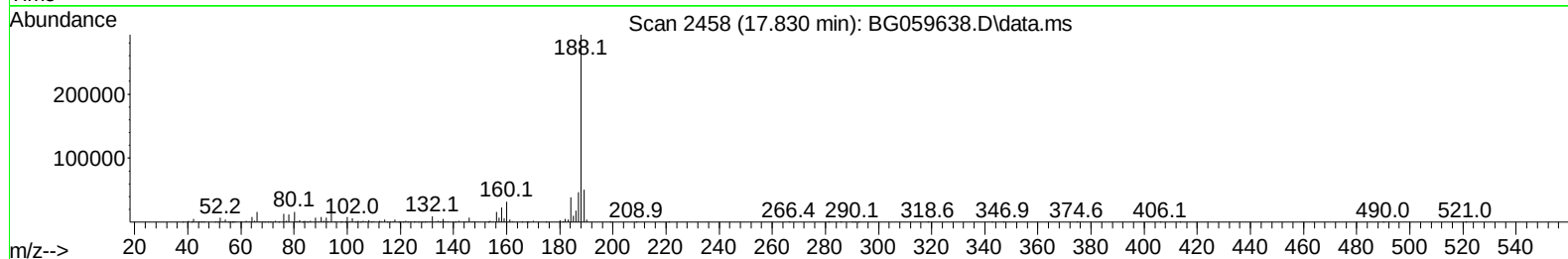
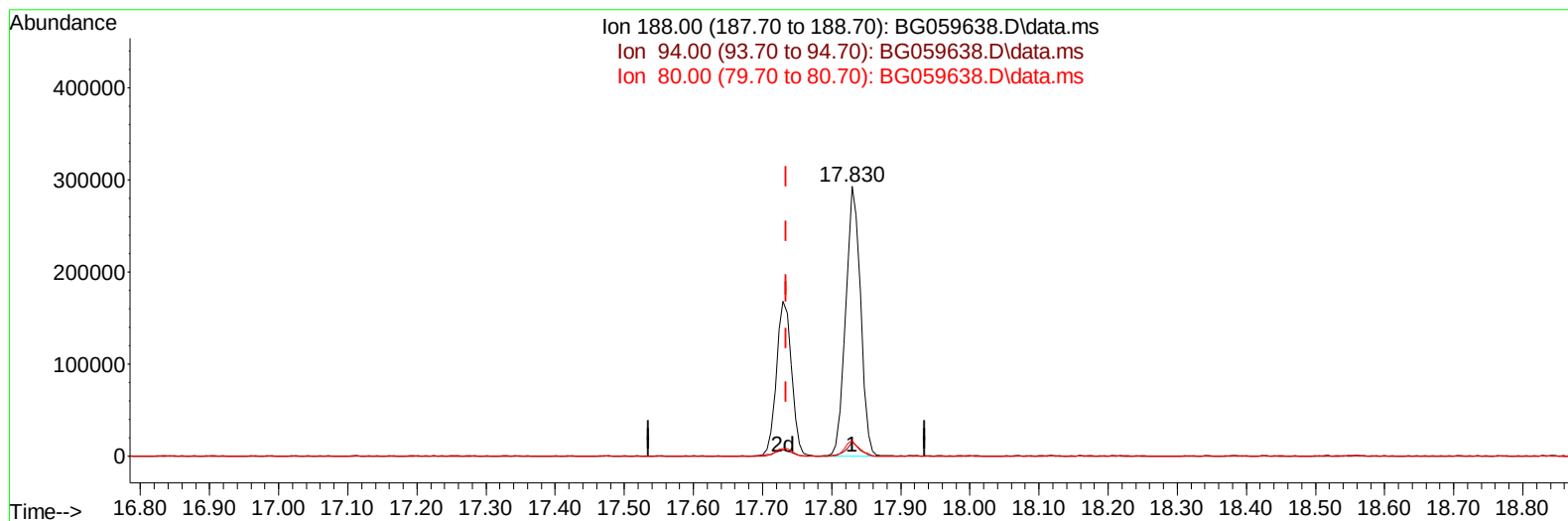
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059638.D
Acq On : 5 Nov 2023 2:07
Operator : MA/JU
Sample : 05016-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:56:59 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: BG059638.D\data.ms

(64) Phenanthrene-d10 (I)

17.830min (+ 0.095) 20.00 ng/u1

response 437044

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	5.41
80.00	6.40	5.61
0.00	0.00	0.00

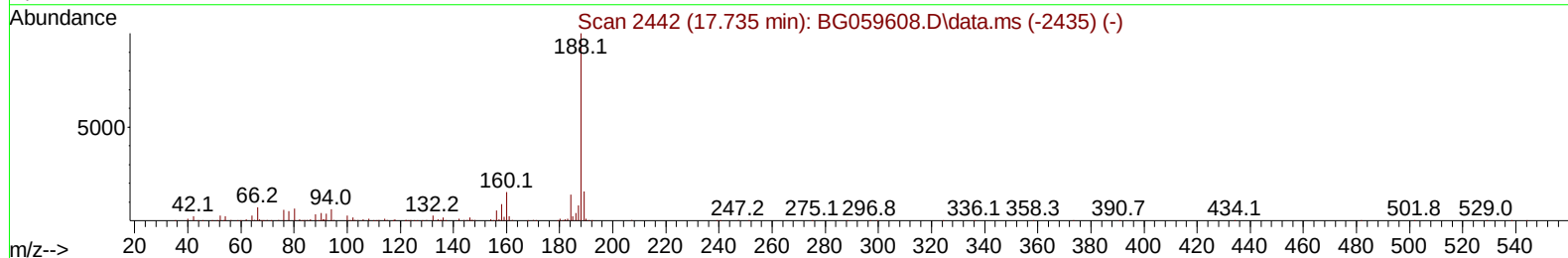
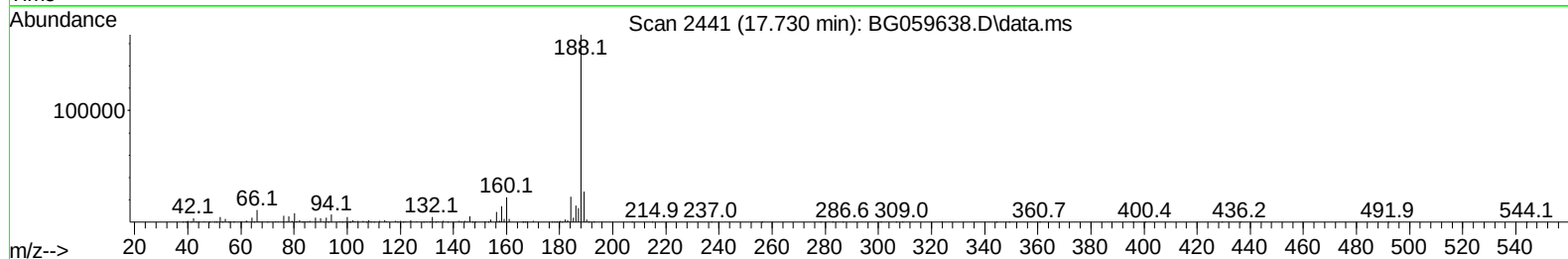
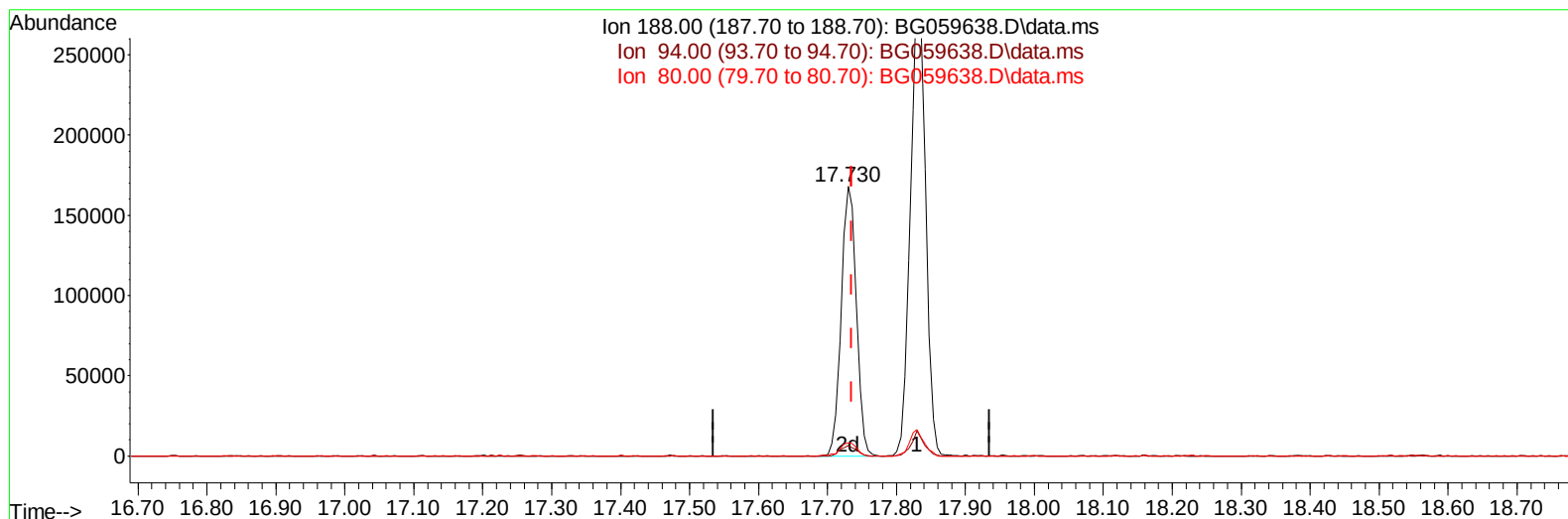
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:56:59 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: BG059638.D\data.ms

(64) Phenanthrene-d10 (I)

17.730min (-0.005) 20.00 ng/ul m

response 255187

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	4.01#
80.00	6.40	4.89#
0.00	0.00	0.00

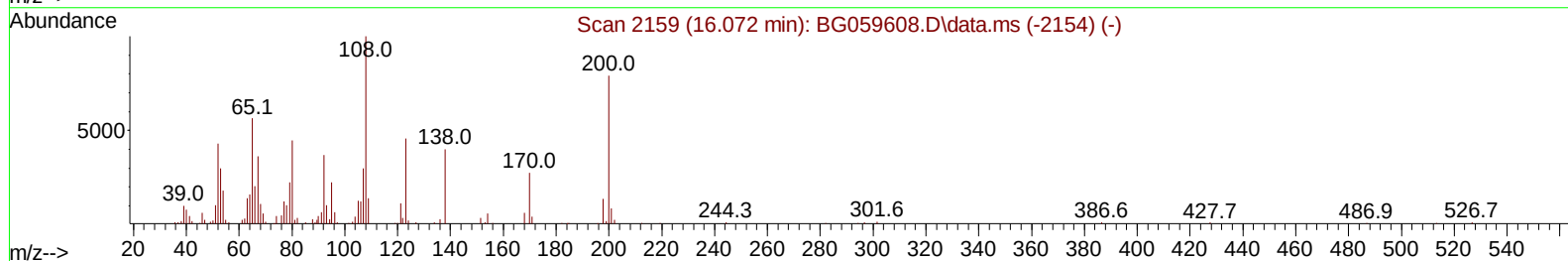
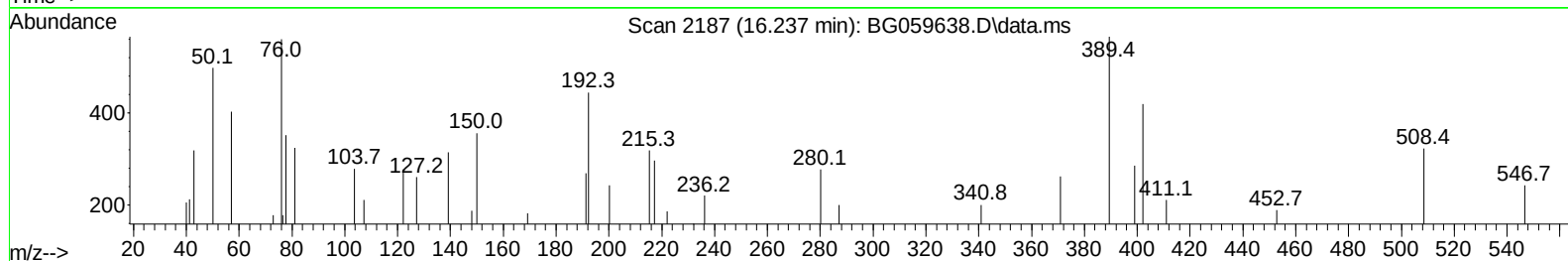
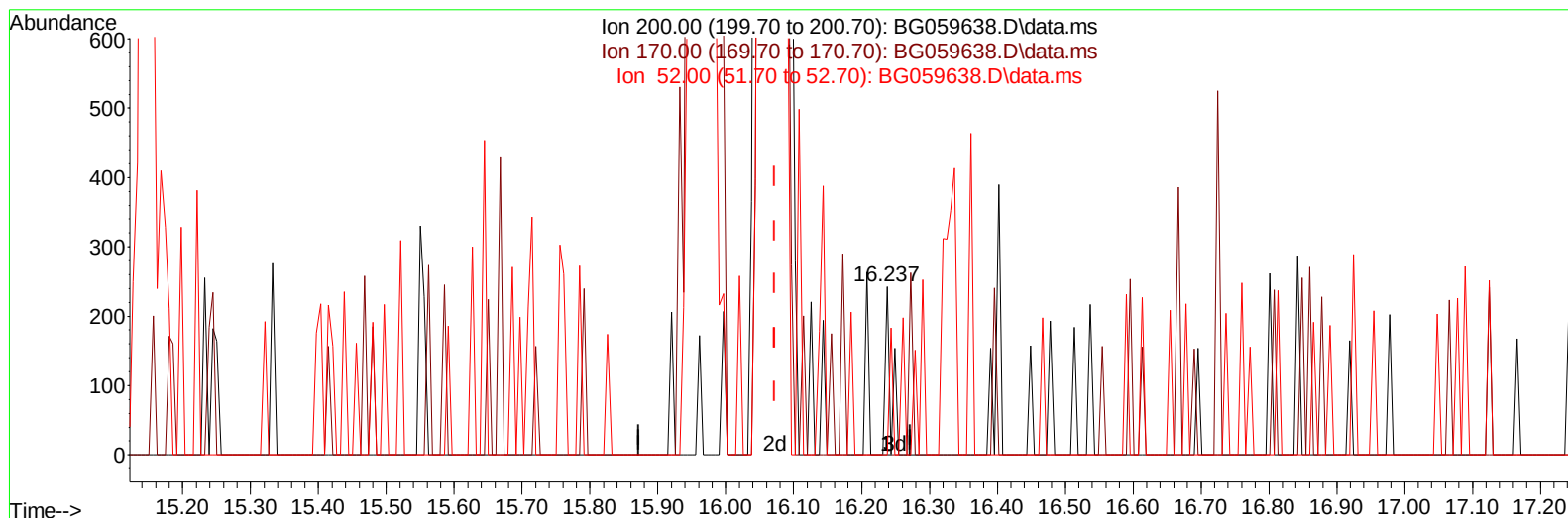
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 06 01:12:17 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: BG059638.D\data.ms

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

16.237min (+ 0.165) 0.05 ng/ul

response 86

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

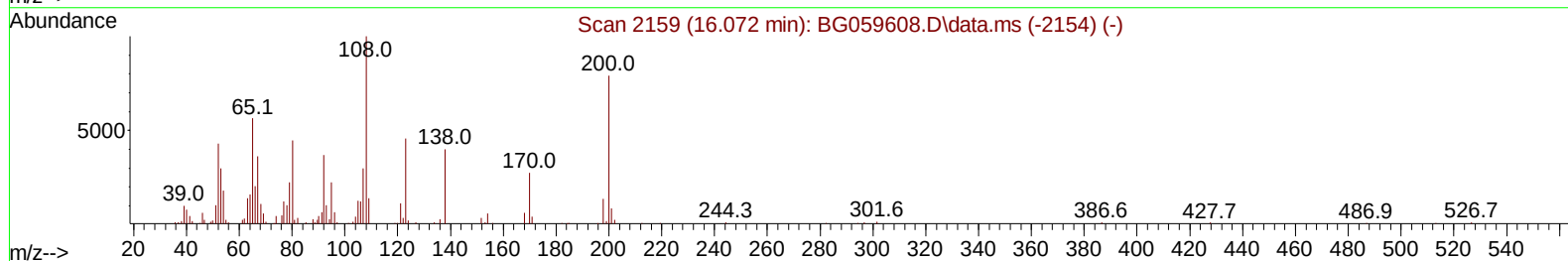
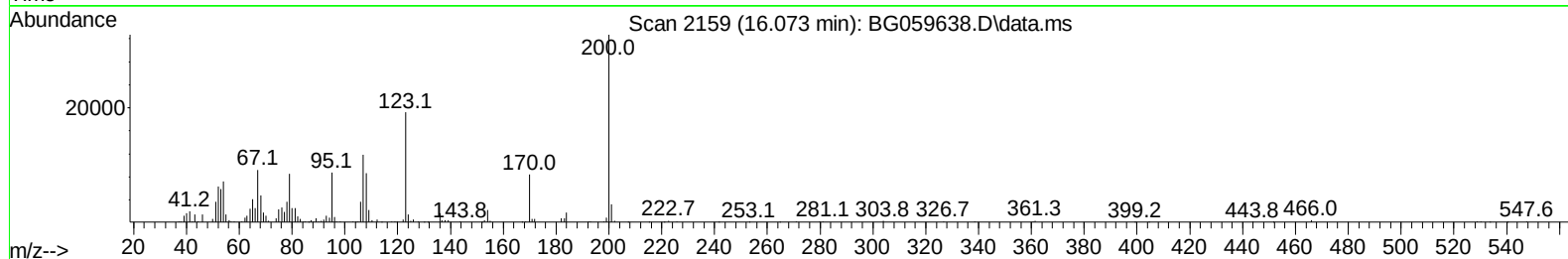
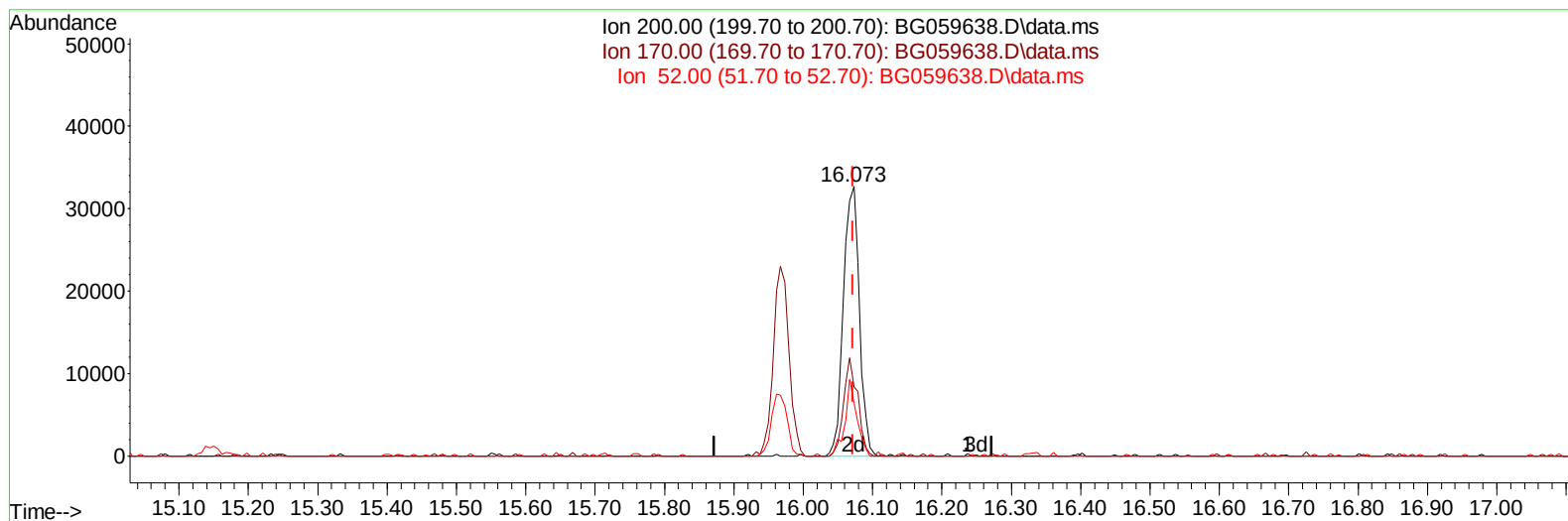
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 06 01:12:17 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: BG059638.D\data.ms

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

16.073min (+ 0.001) 32.33 ng/ul m

response 52225

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	25.69#
52.00	57.90	19.45#
0.00	0.00	0.00

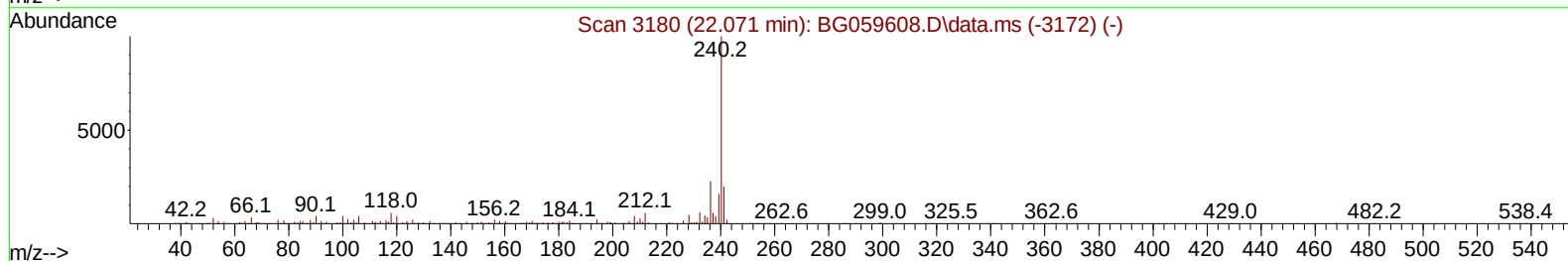
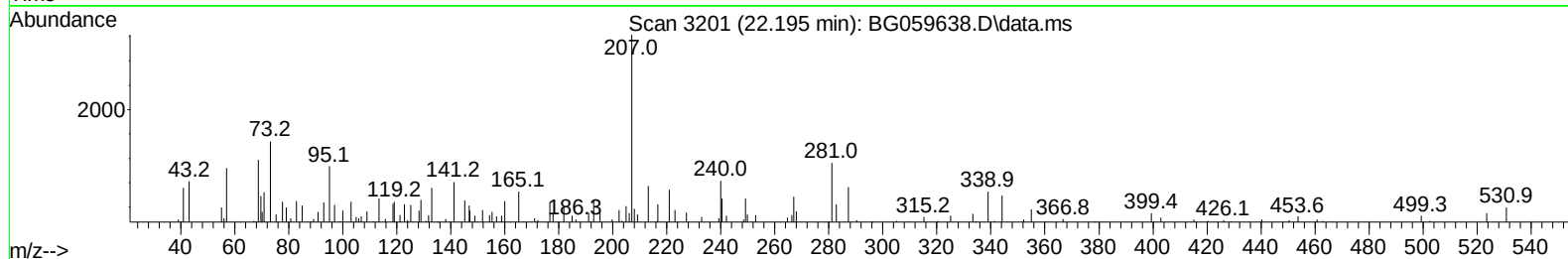
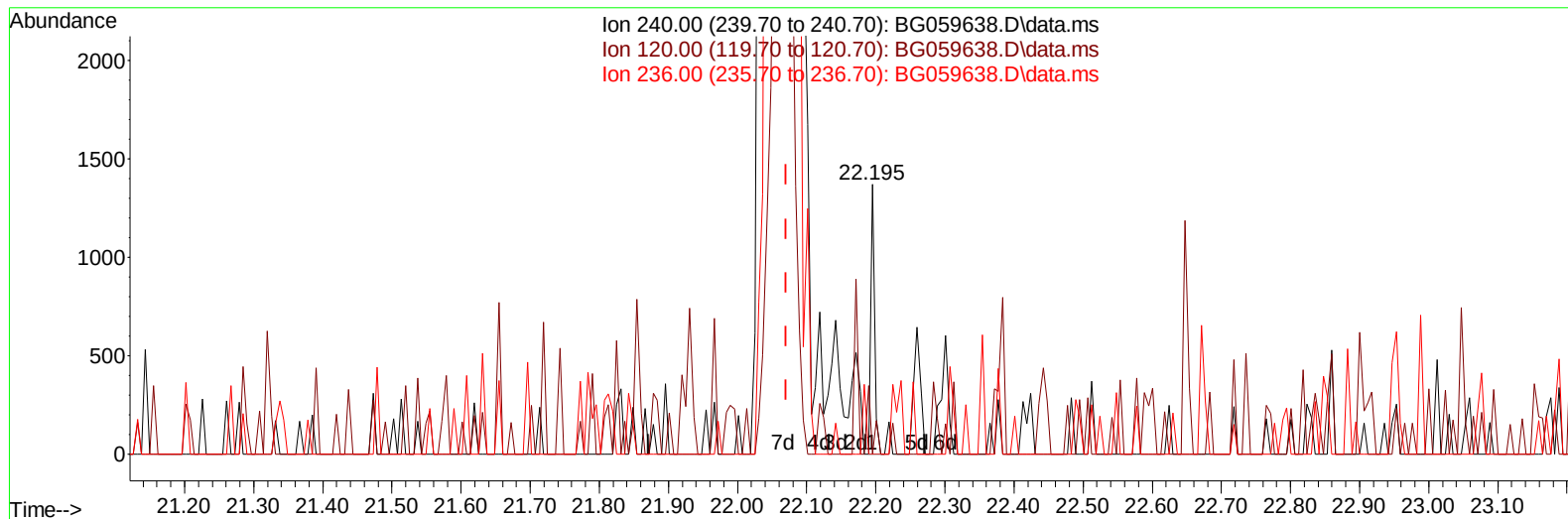
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059638.D
Acq On : 5 Nov 2023 2:07
Operator : MA/JU
Sample : 05016-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 06 01:12:41 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: BG059638.D\data.ms

(79) Chrysene-d12 (I)

22.195min (+ 0.124) 20.00 ng/ul

response 546

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

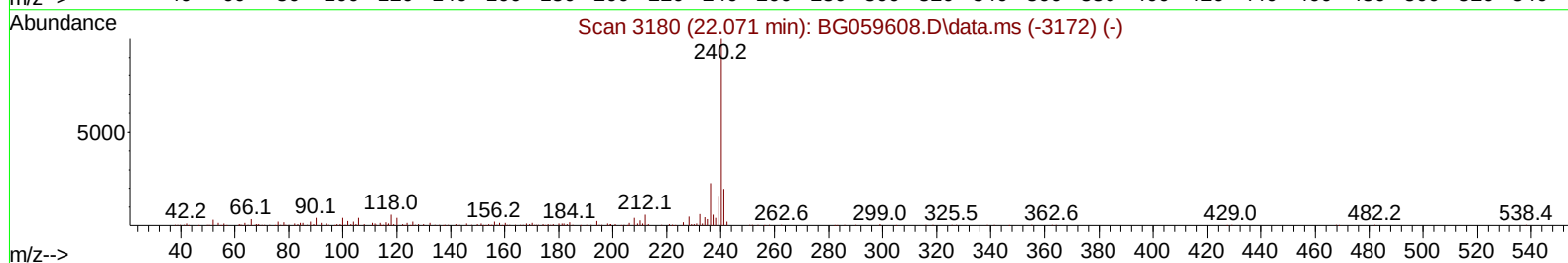
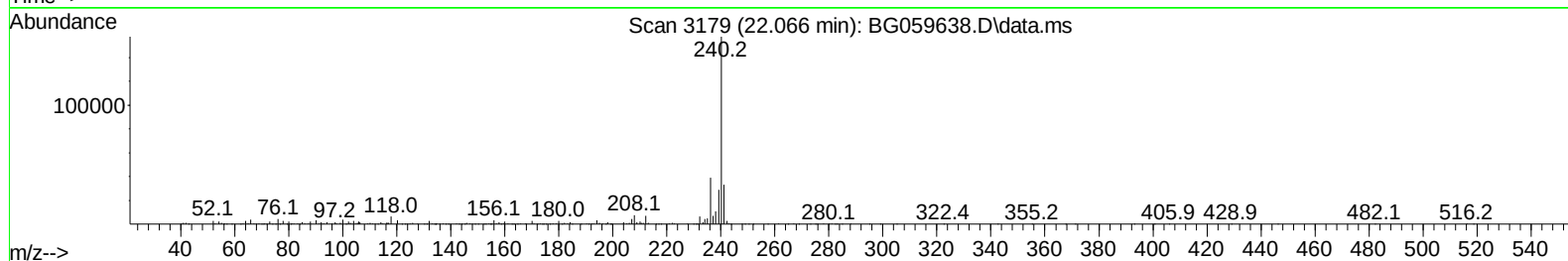
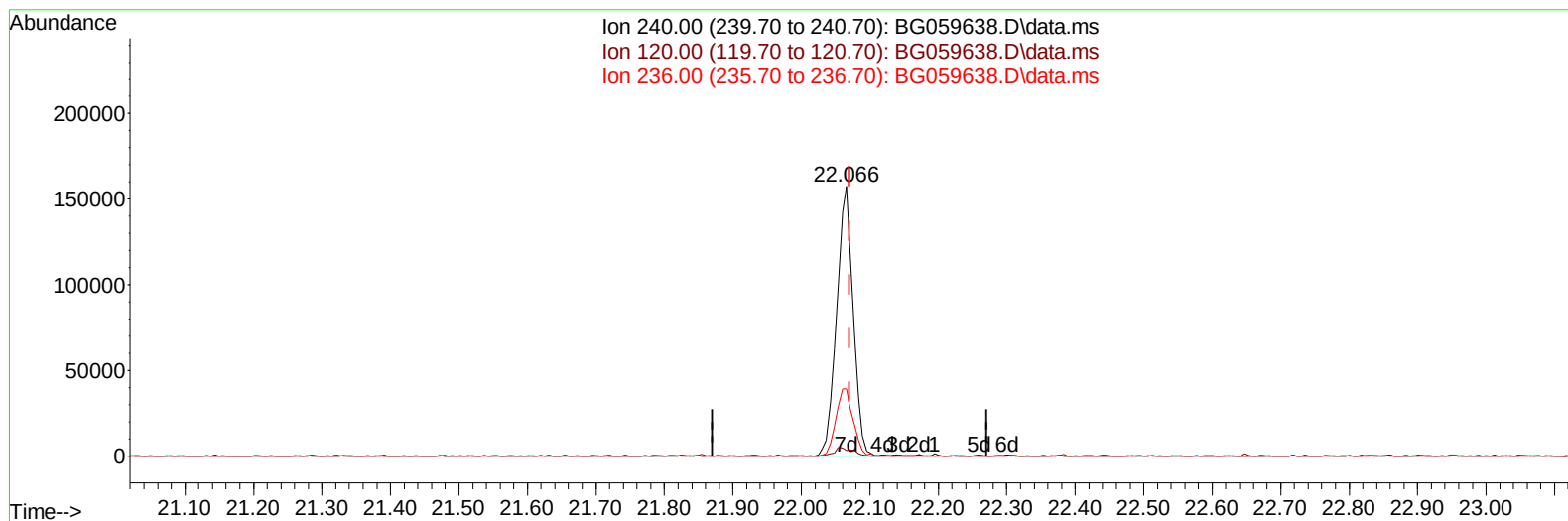
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 06 01:12:41 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: BG059638.D\data.ms

(79) Chrysene-d12 (I)

22.066min (-0.005) 20.00 ng/ul m

response 262627

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	3.90	2.09#
236.00	23.00	24.80
0.00	0.00	0.00

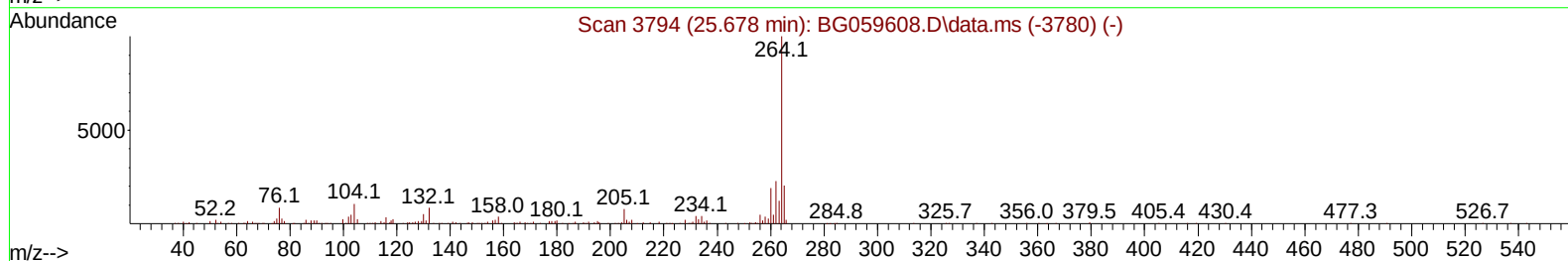
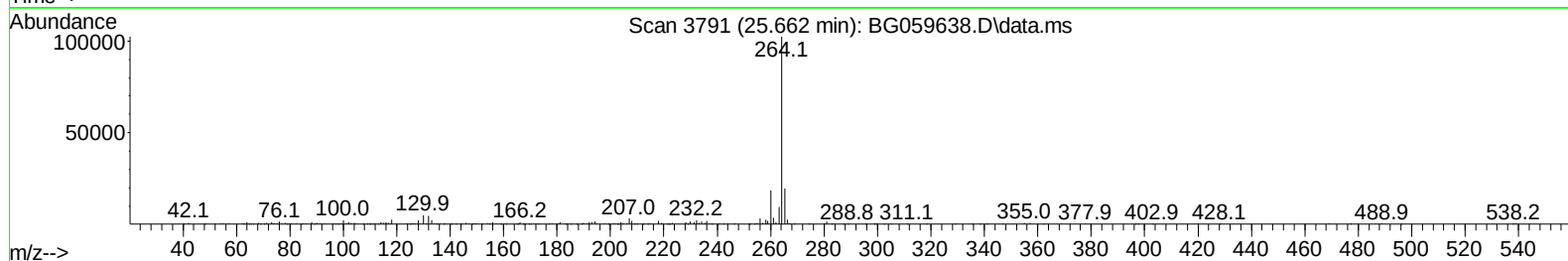
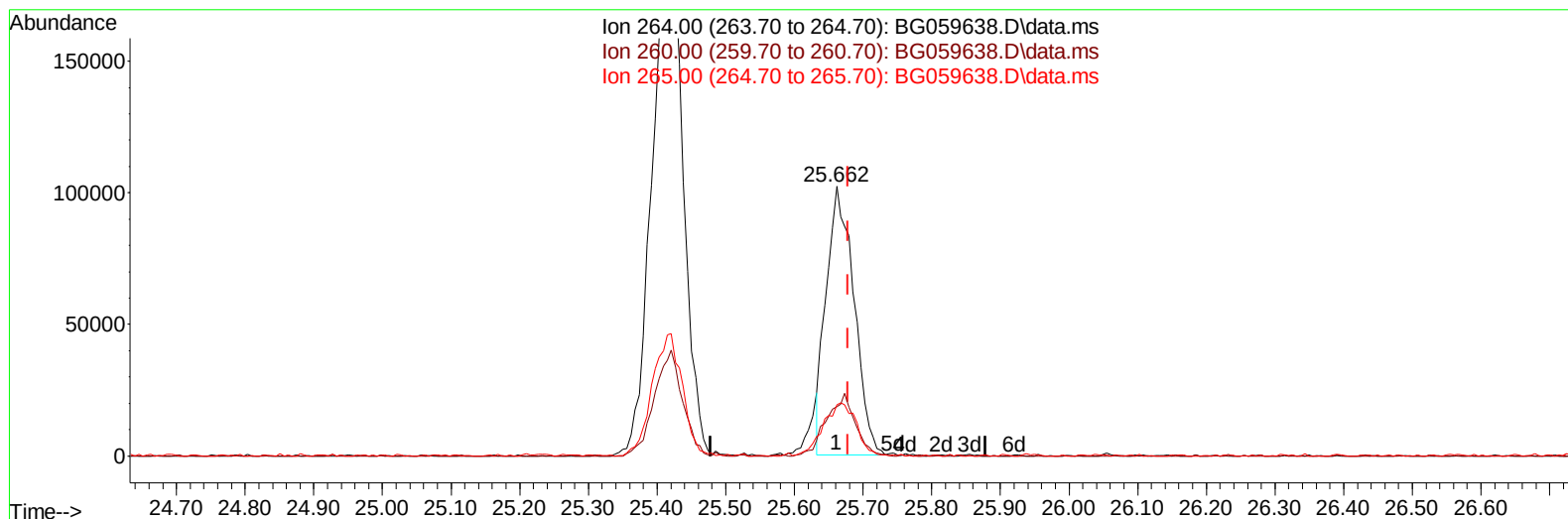
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

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

Quant Time: Nov 06 01:13:10 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



TIC: BG059638.D\data.ms

(88) Perylene-d12 (I)

25.662min (-0.017) 20.00 ng/u1

response 283964

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	18.25
265.00	21.70	19.00
0.00	0.00	0.00

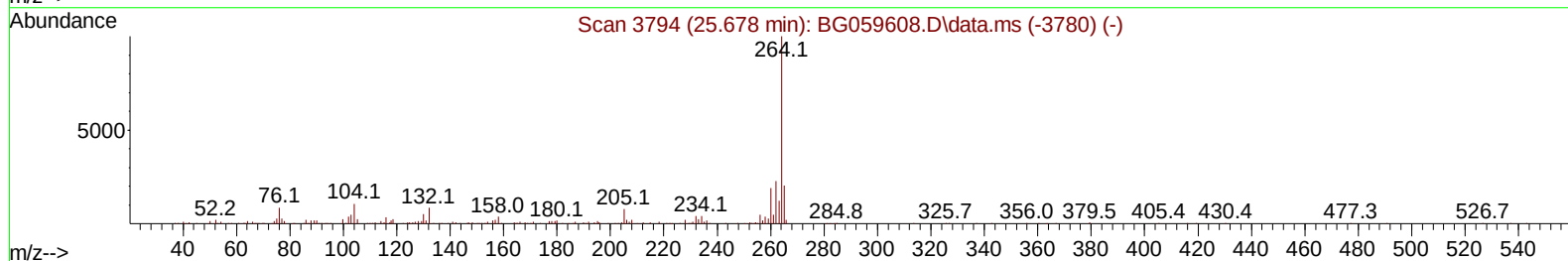
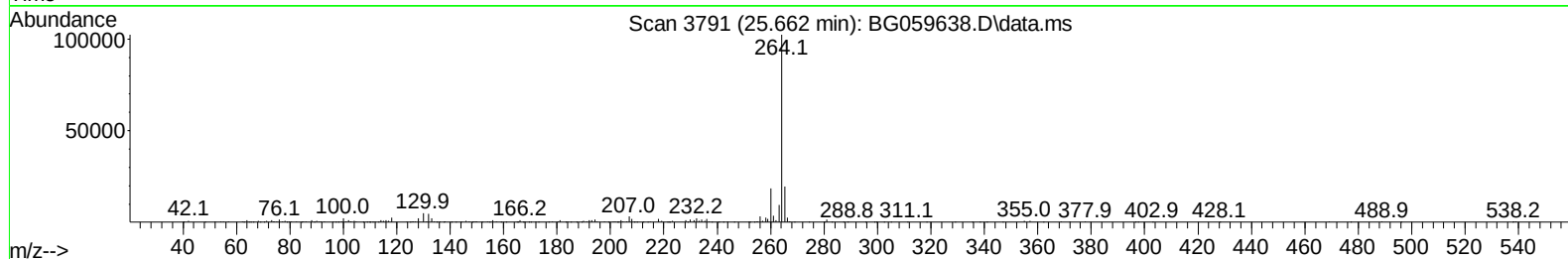
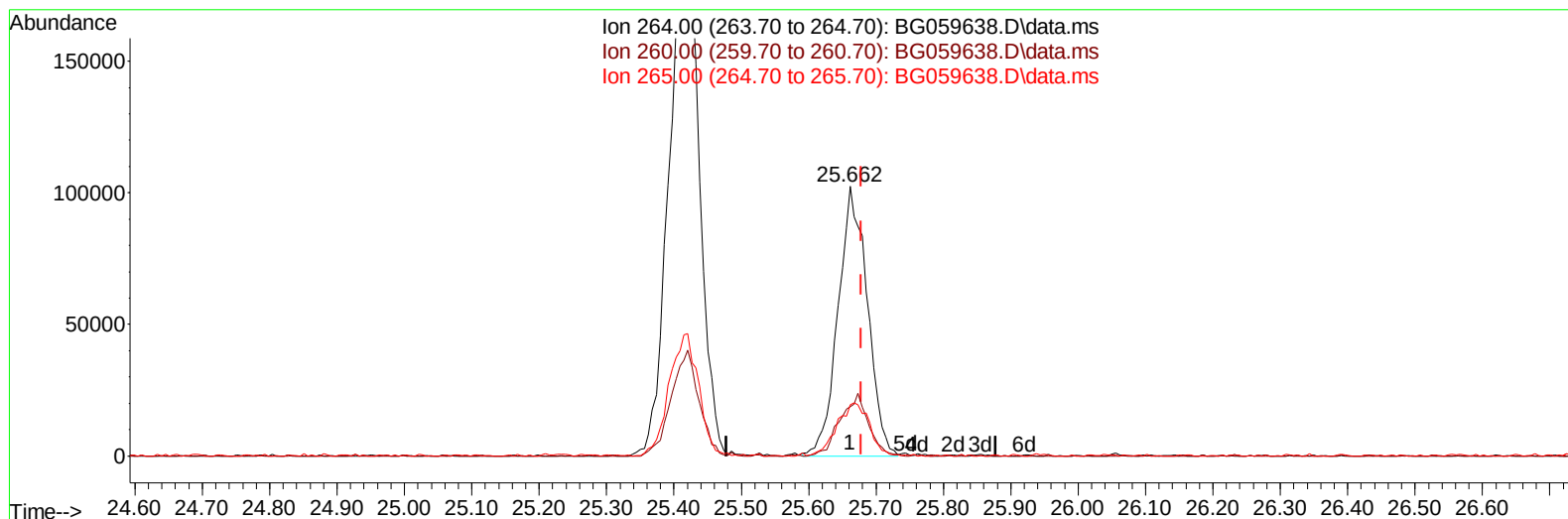
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

Quant Time: Nov 06 01:13:10 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: BG059638.D\data.ms

(88) Perylene-d12 (I)

25.662min (-0.017) 20.00 ng/ul m

response 308923

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	19.70	18.25
265.00	21.70	19.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059638.D
 Acq On : 5 Nov 2023 2:07
 Operator : MA/JU
 Sample : 05016-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4903

Manual IntegrationsAPPROVED

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

Quant Time: Nov 06 01:13:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	34241	20.000	ng/ul	0.00
20) Naphthalene-d8	11.202	136	168990	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.980	164	116972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	255187m	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	262627m	20.000	ng/ul	0.00
88) Perylene-d12	25.662	264	308923m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	4970	5.440	ng/uL	0.00
4) Pyridine-d5	4.081	84	23781	8.852	ng/ul	0.00
7) Phenol-d5	7.465	99	23712	6.773	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.665	67	45959	24.554	ng/ul	0.00
11) 2-Chlorophenol-d4	7.865	132	59275	24.931	ng/ul	0.00
15) 4-Methylphenol-d8	9.034	113	49581	17.305	ng/ul	0.00
21) Nitrobenzene-d5	9.545	128	44555	36.052	ng/ul	0.00
24) 2-Nitrophenol-d4	10.268	143	45659	30.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.797	165	85395	32.227	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	90358	21.670	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	329411	35.090	ng/ul	0.00
49) Acenaphthylene-d8	14.680	160	361777	32.318	ng/ul	0.00
54) 4-Nitrophenol-d4	15.150	143	12944	7.810	ng/ul	0.00
60) Fluorene-d10	15.967	176	290688	32.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.073	200	52225m	32.333	ng/ul	0.00
73) Anthracene-d10	17.830	188	436420	32.676	ng/ul	0.00
81) Pyrene-d10	20.104	212	478804	28.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.415	264	629095	34.787	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 : BG059638.D
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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