

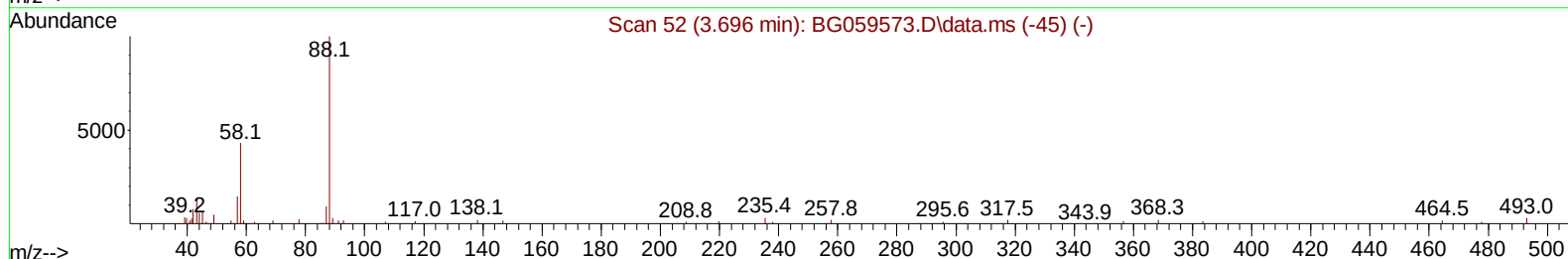
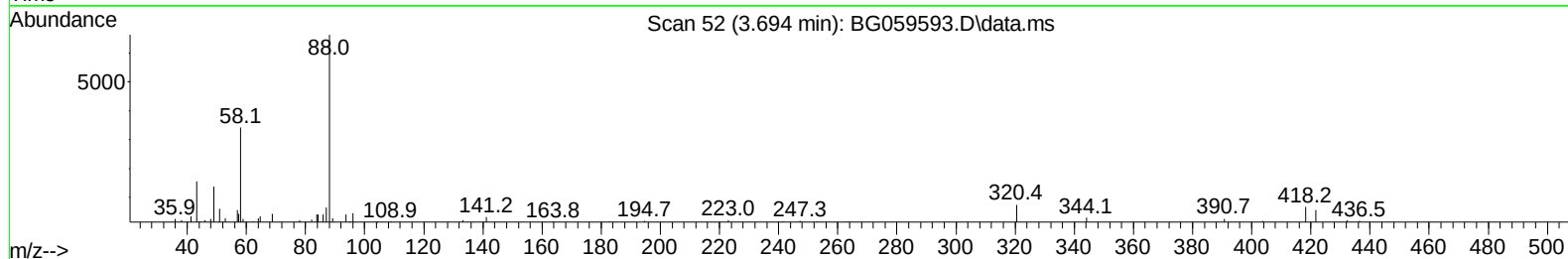
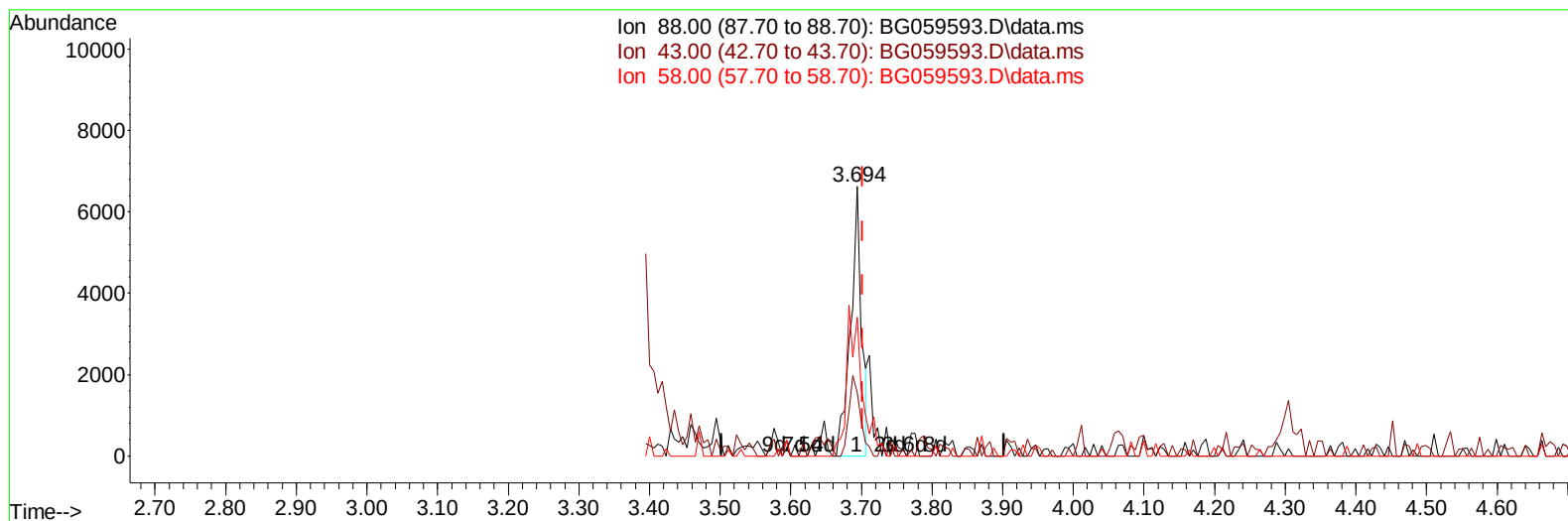
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(2) 1,4-Dioxane

3.694min (-0.008) 2.77 ng/uL

response 7154

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	19.60	23.53#
58.00	45.20	51.52
0.00	0.00	0.00

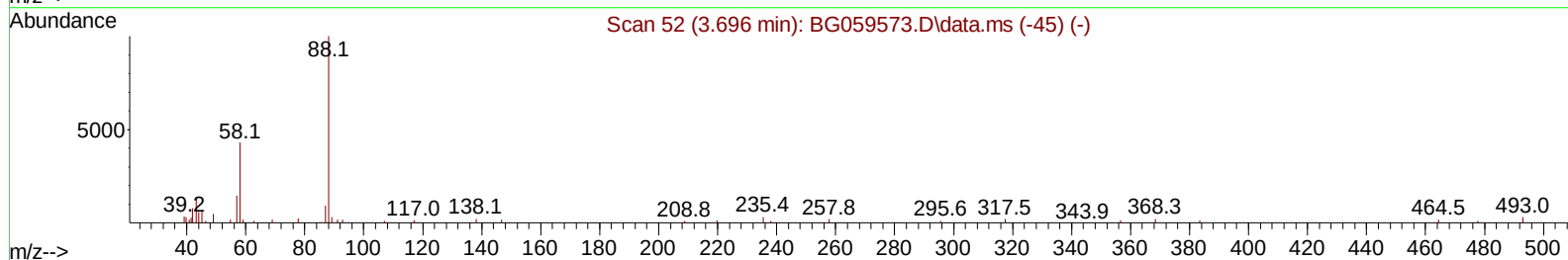
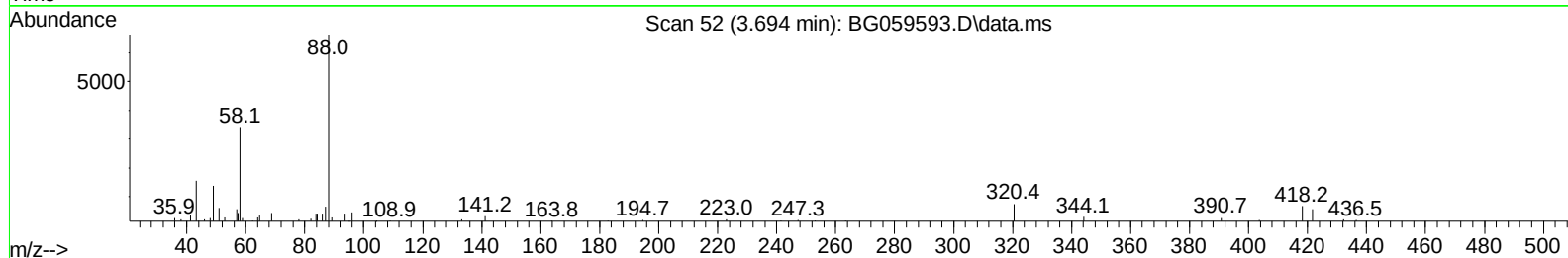
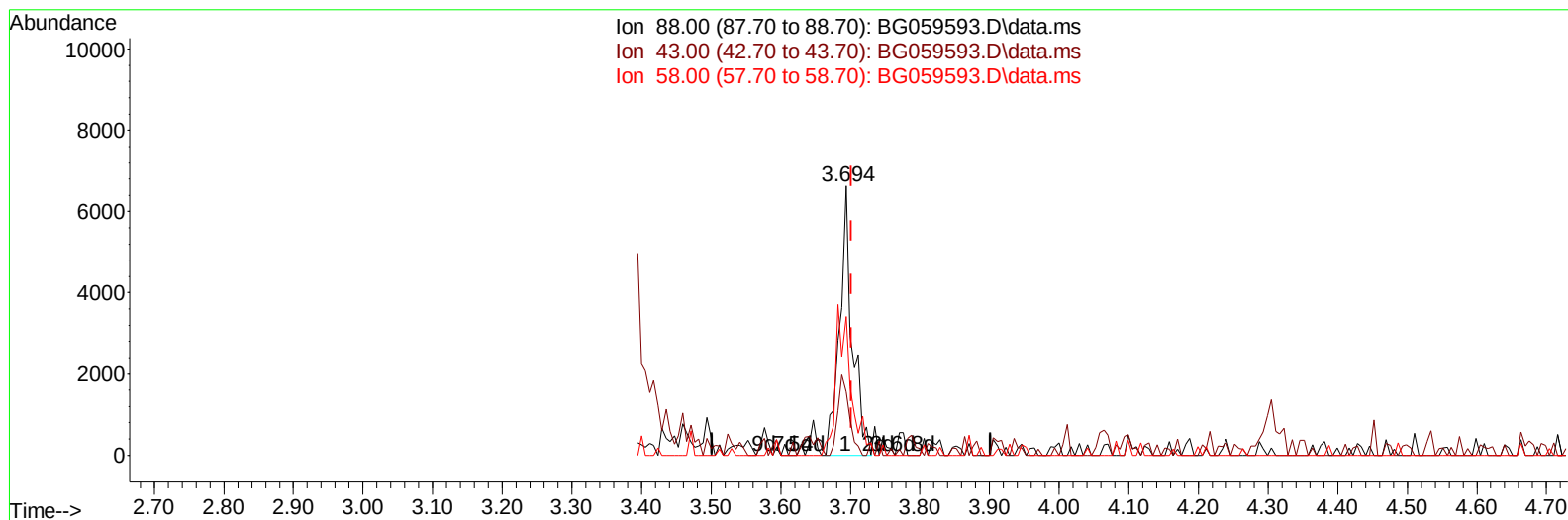
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059593.D
Acq On : 2 Nov 2023 2:09
Operator : MA/JU
Sample : 04952-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(2) 1,4-Dioxane

3.694min (-0.008) 3.26 ng/uL m

response 8429

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	19.60	23.53#
58.00	45.20	51.52
0.00	0.00	0.00

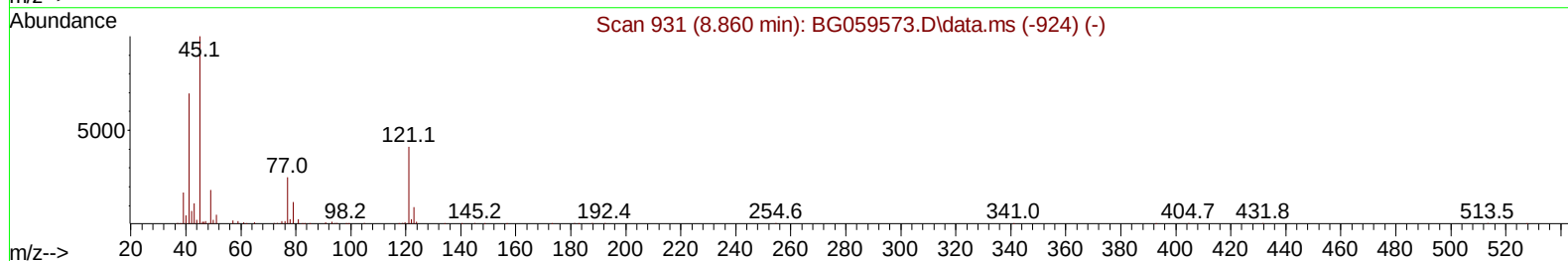
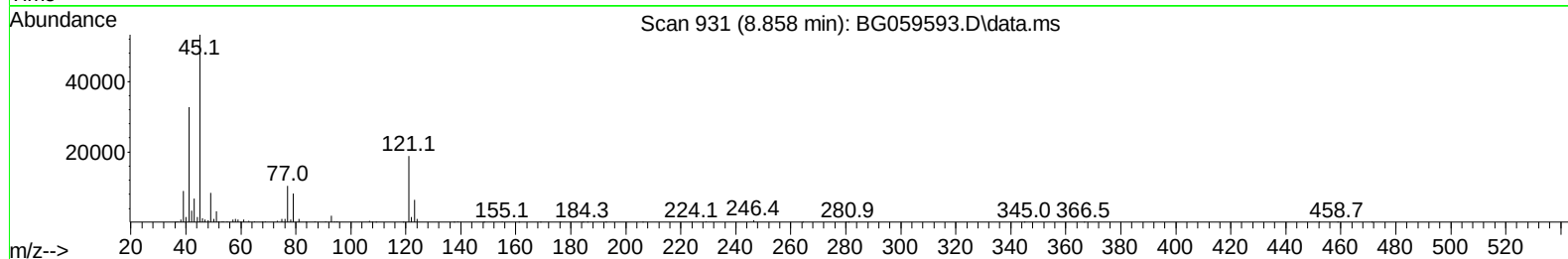
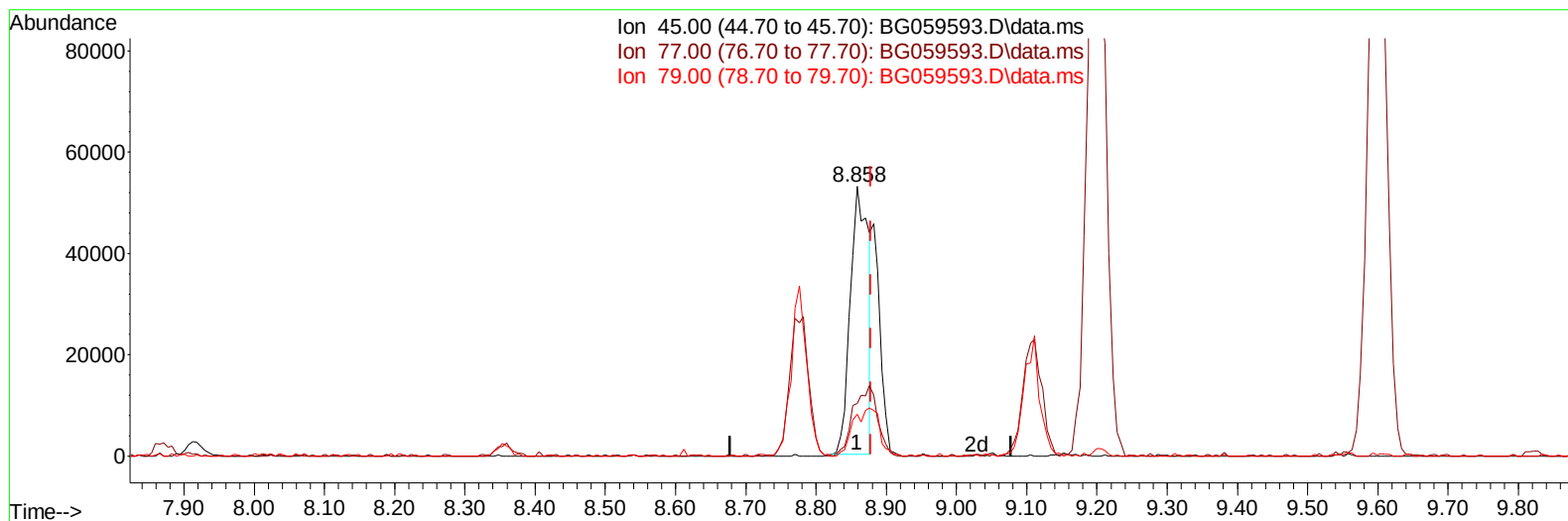
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
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Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
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Reviewed By :Yogesh Patel 11/03/2023
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TIC: BG059593.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.858min (-0.020) 16.35 ng/ul

response 94398

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	19.56
79.00	12.50	15.40#
0.00	0.00	0.00

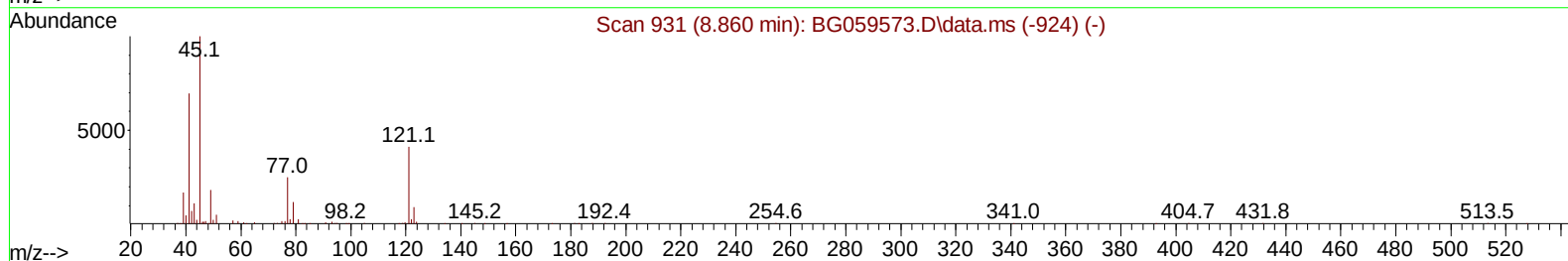
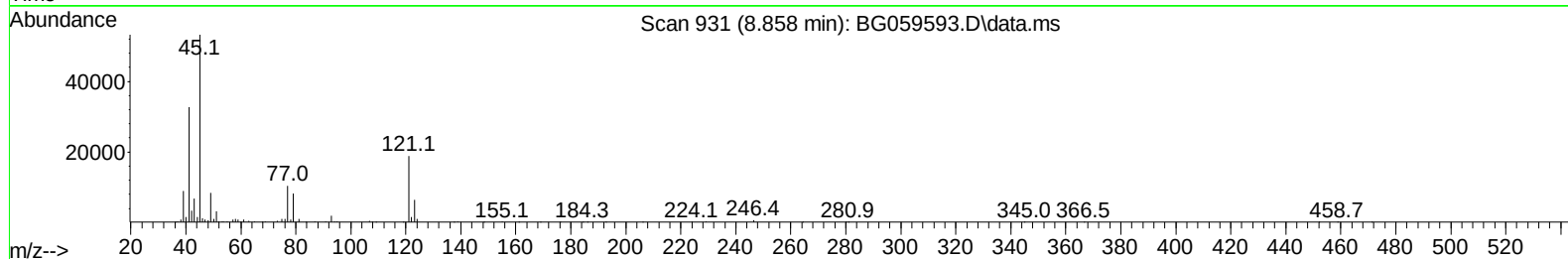
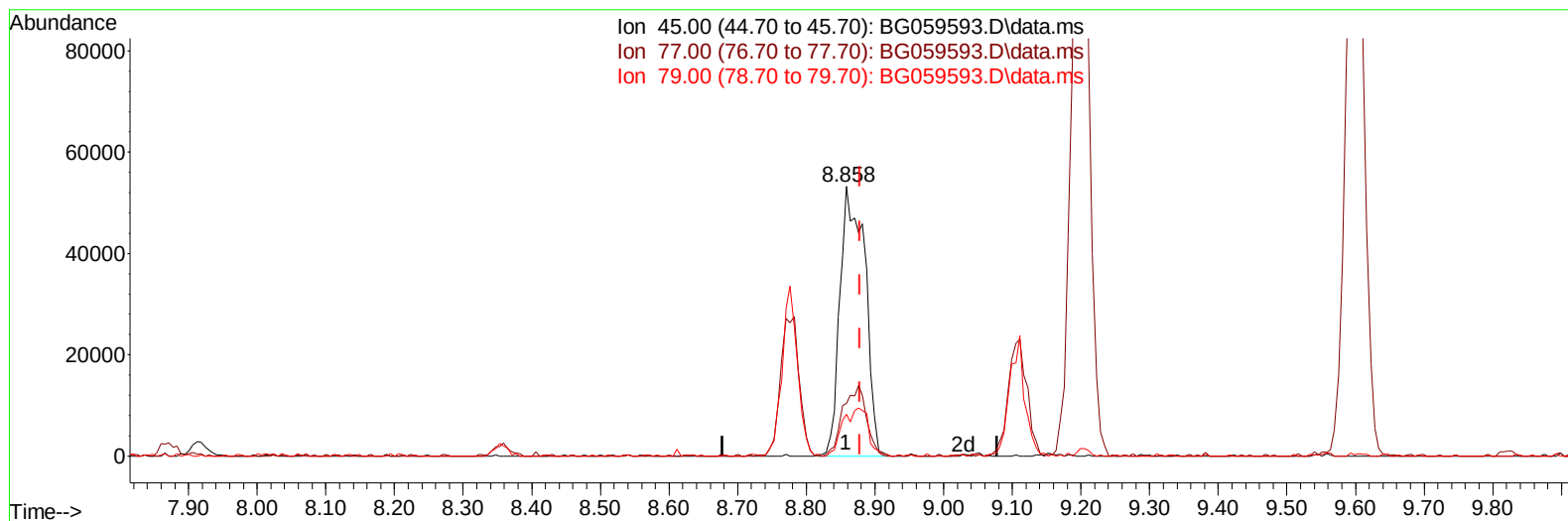
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
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 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.858min (-0.020) 23.26 ng/ul m

response 134252

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	19.56
79.00	12.50	15.40#
0.00	0.00	0.00

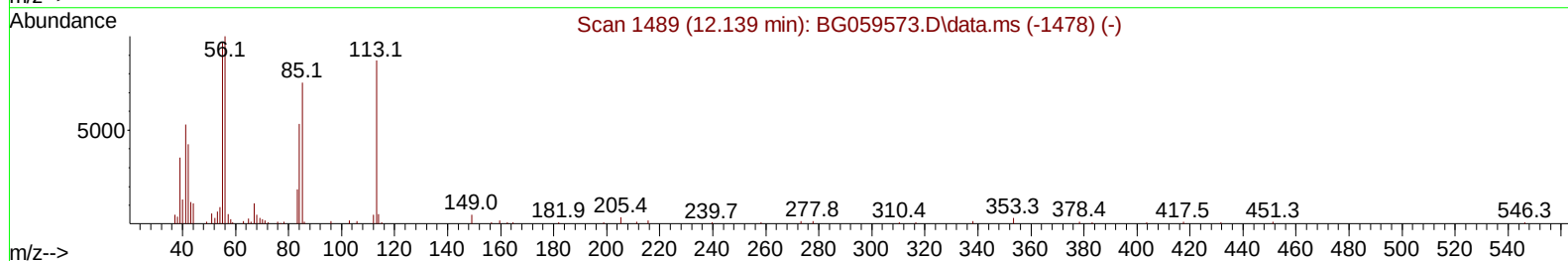
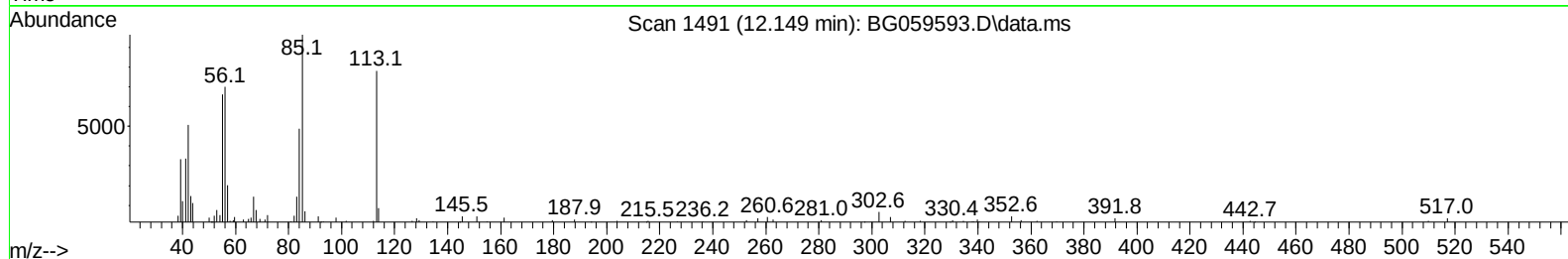
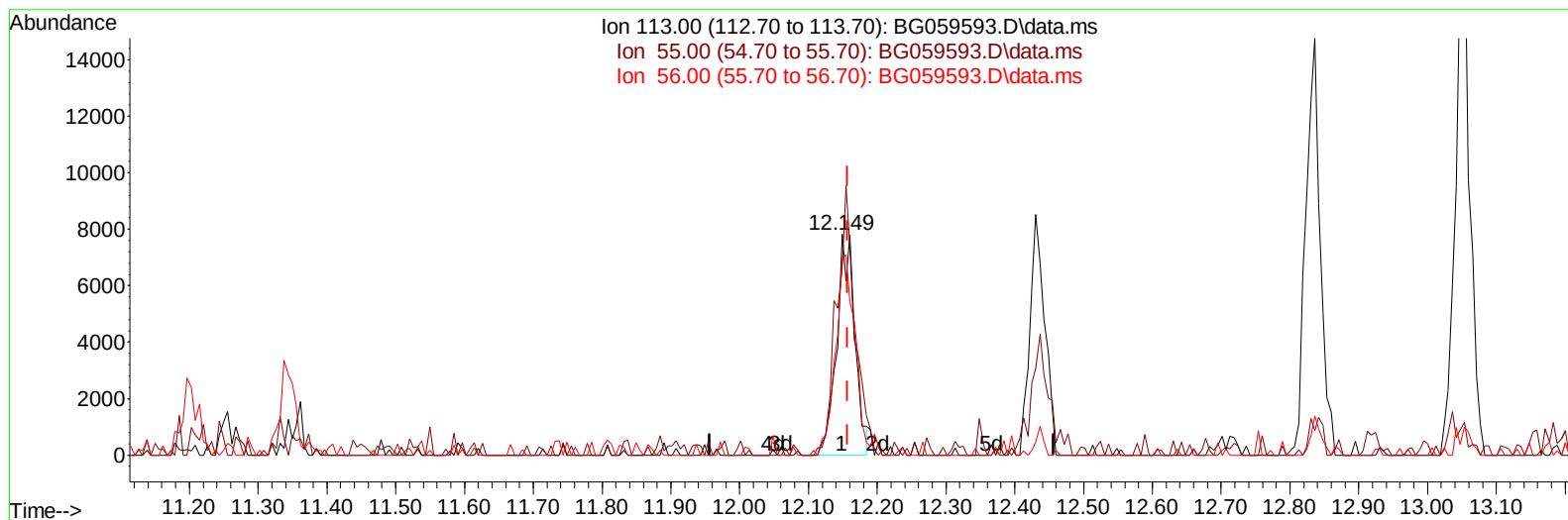
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
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 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
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TIC: BG059593.D\data.ms

(34) Caprolactam

12.149min (-0.008) 4.70 ng/ul

response 14363

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	84.67#
56.00	80.50	89.60
0.00	0.00	0.00

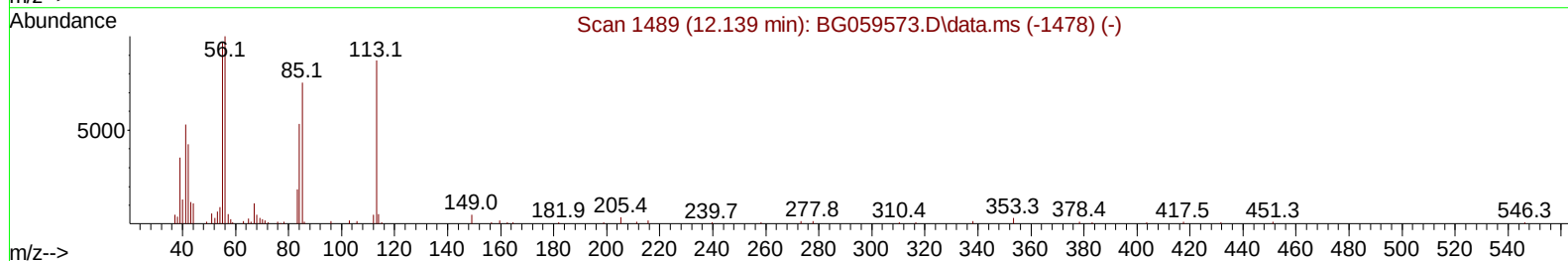
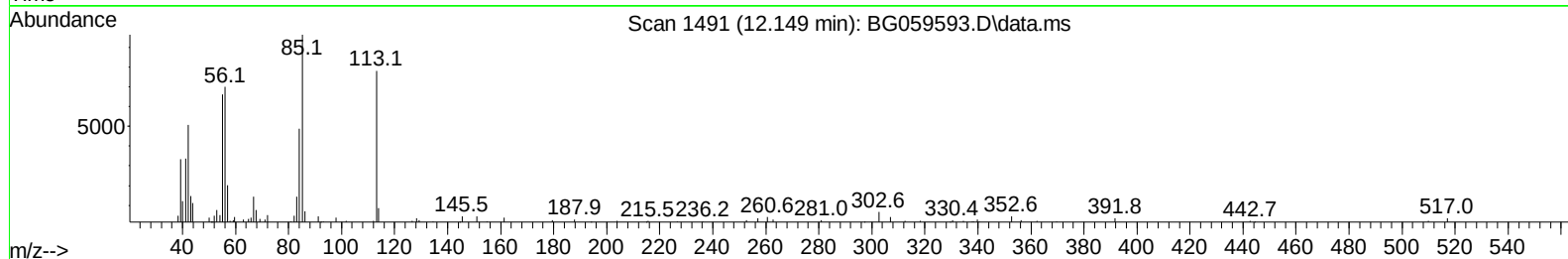
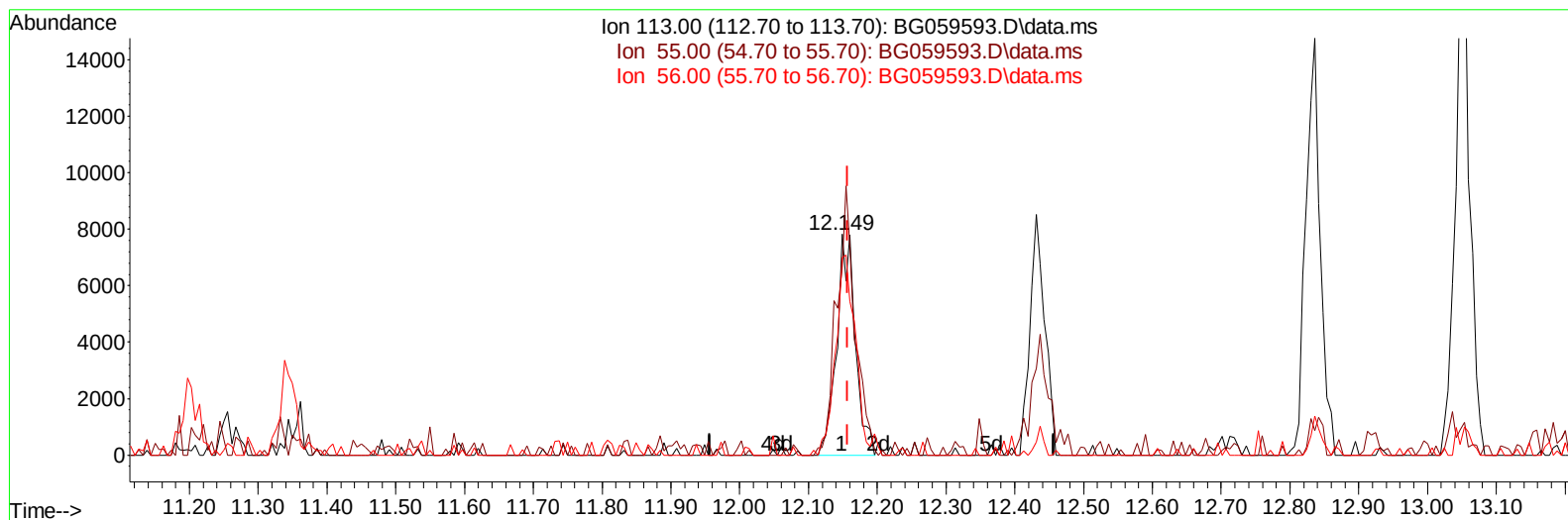
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(34) Caprolactam

12.149min (-0.008) 4.80 ng/ul m

response 14682

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	84.67#
56.00	80.50	89.60
0.00	0.00	0.00

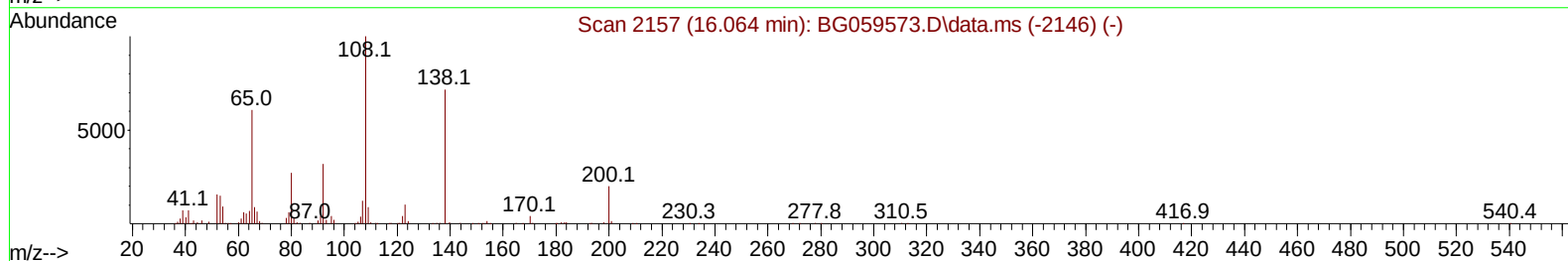
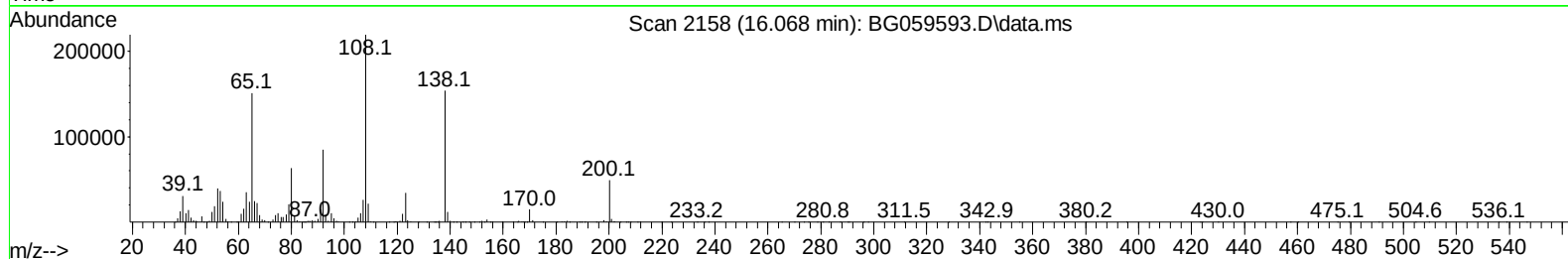
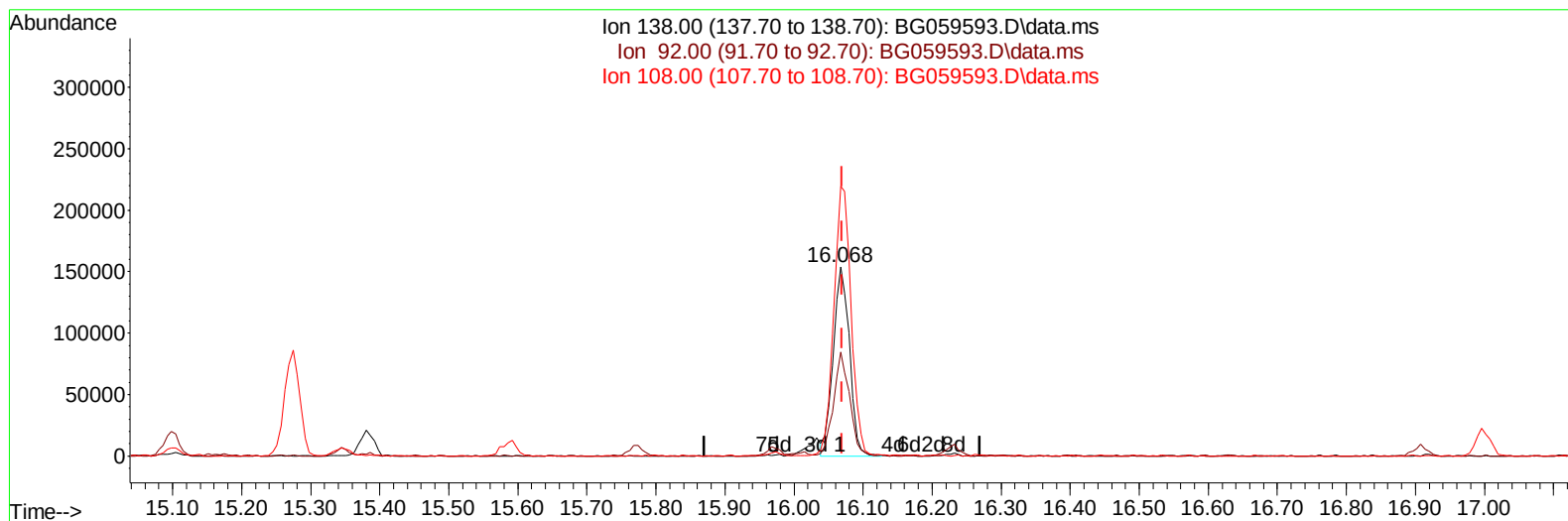
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(63) 4-Nitroaniline

16.068min (-0.002) 42.31 ng/ul

response 252618

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	55.05
108.00	126.10	142.49
0.00	0.00	0.00

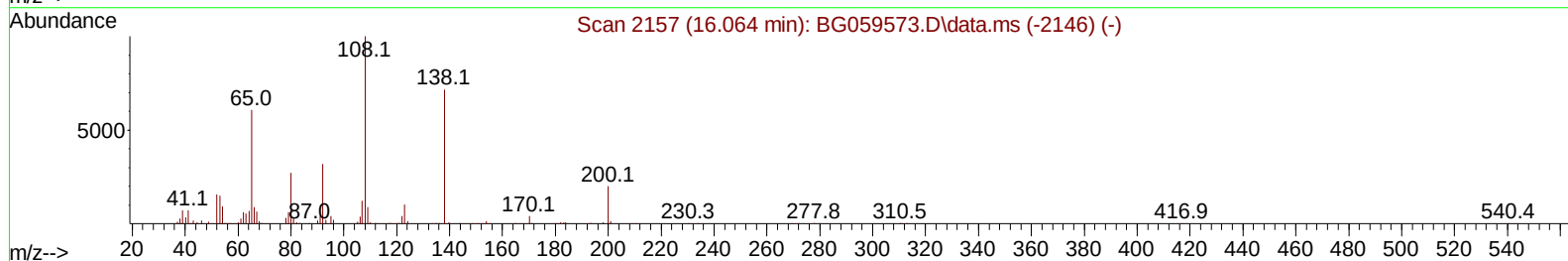
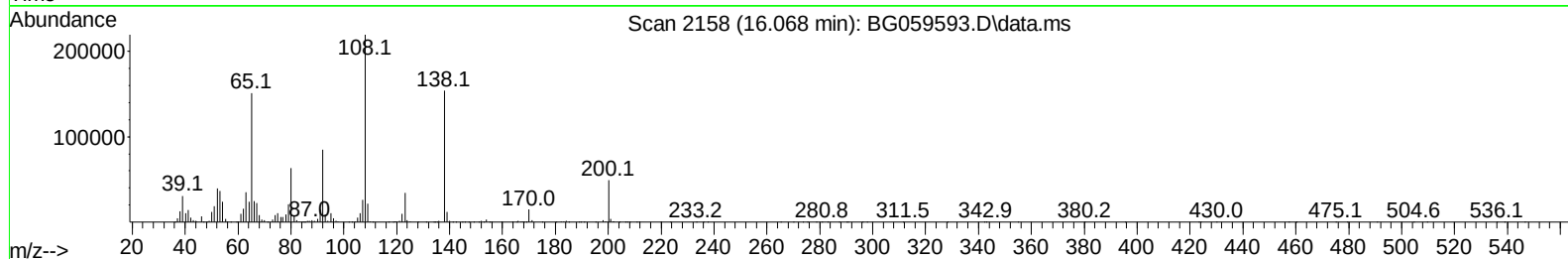
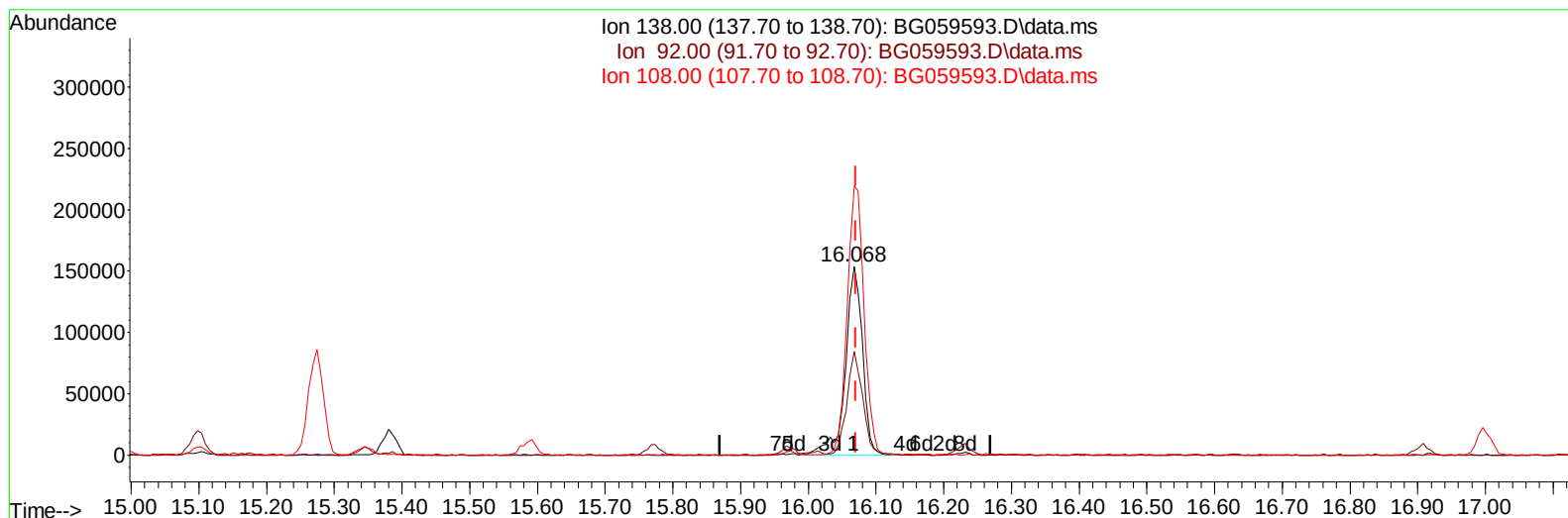
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(63) 4-Nitroaniline

16.068min (-0.002) 45.50 ng/ul m

response 271640

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.30	55.05
108.00	126.10	142.49
0.00	0.00	0.00

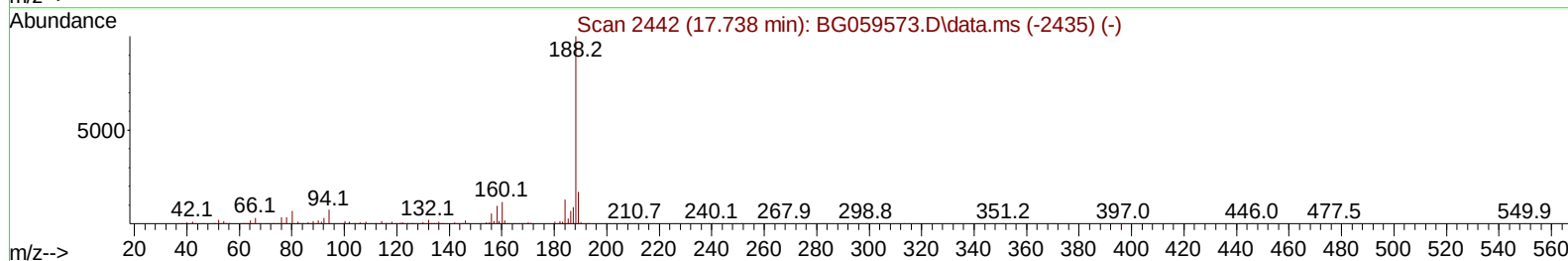
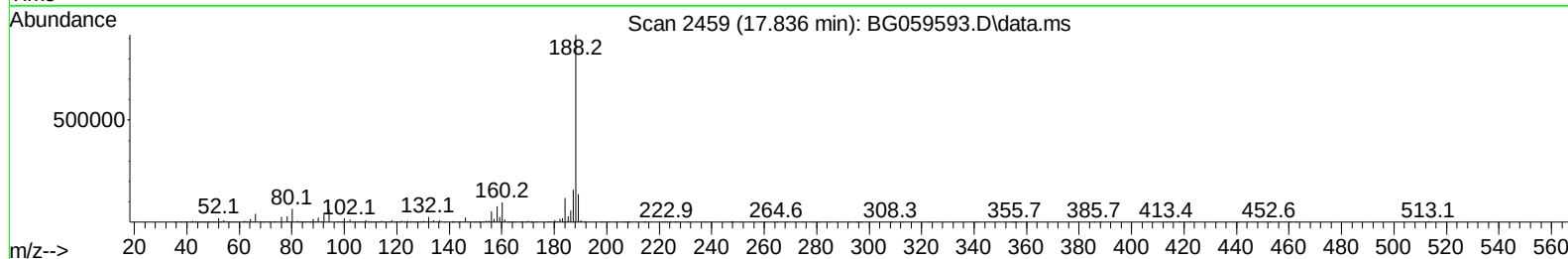
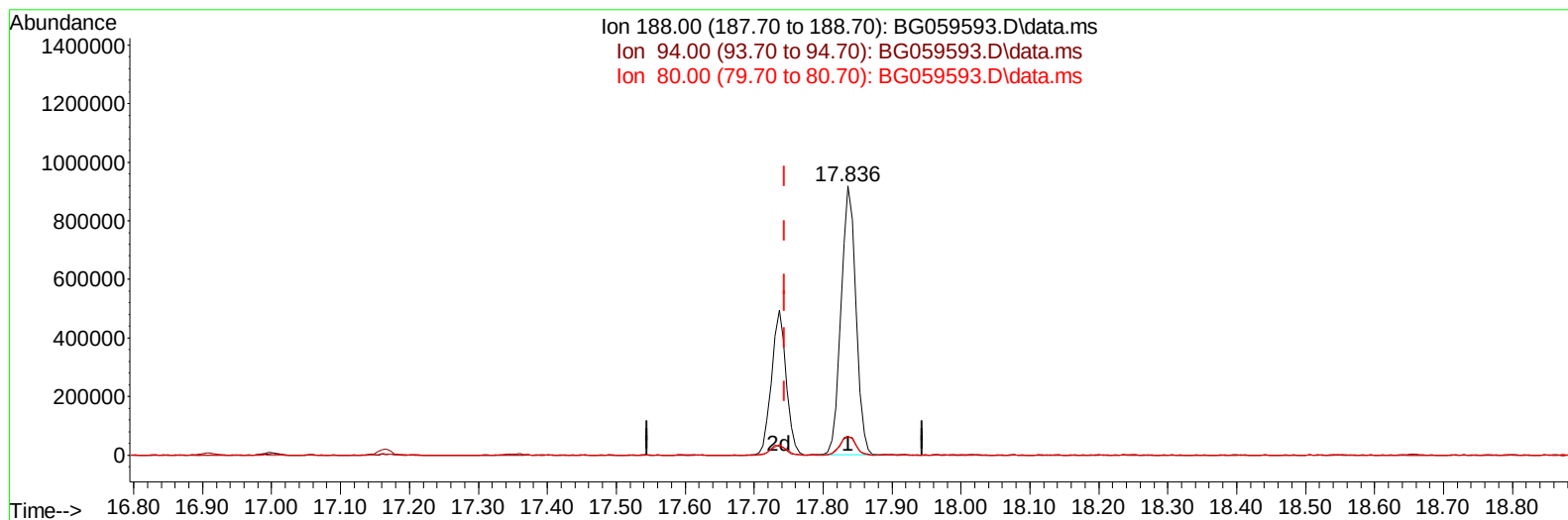
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 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(64) Phenanthrene-d10 (I)

17.836min (+ 0.092) 20.00 ng/ul

response 1371584

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	6.81
80.00	7.80	7.02
0.00	0.00	0.00

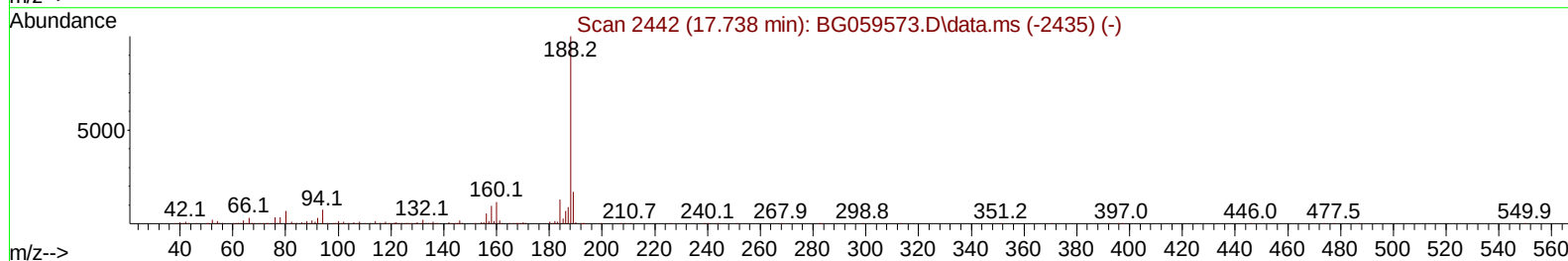
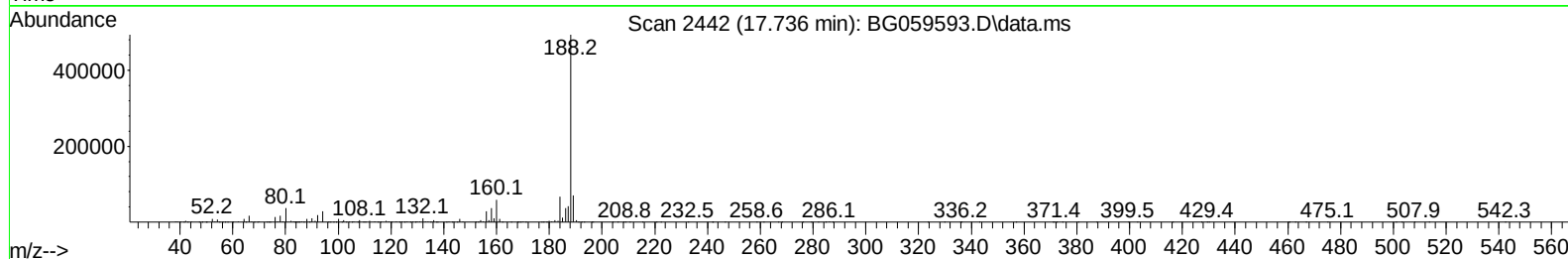
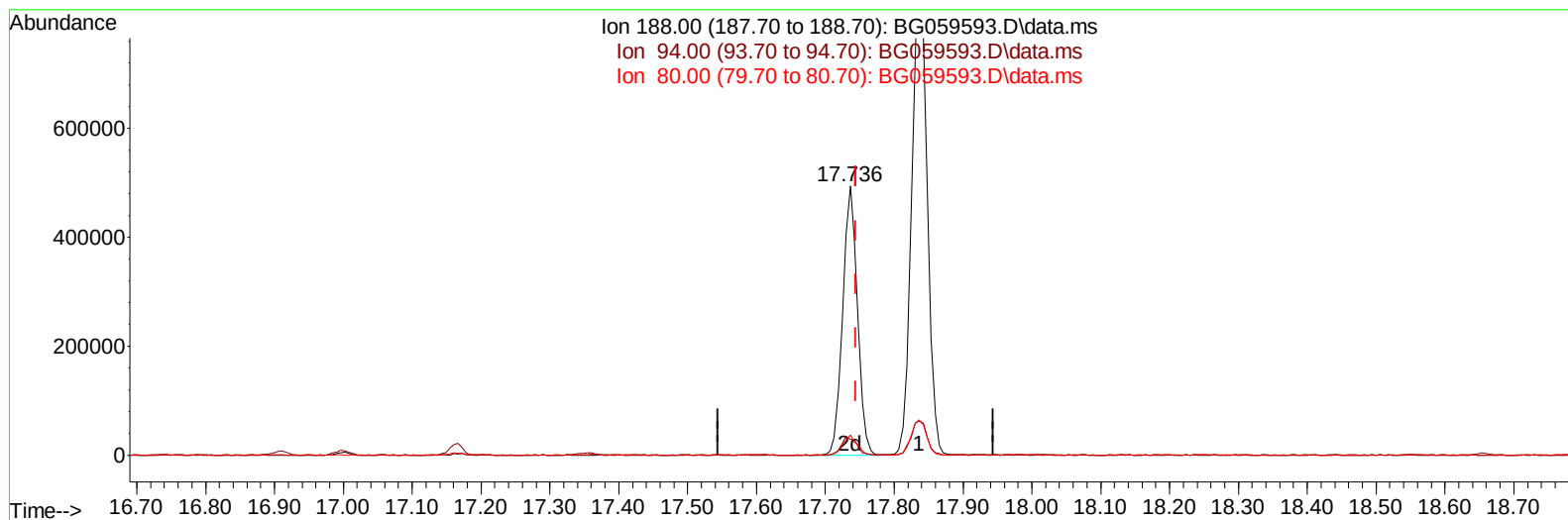
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(64) Phenanthrene-d10 (I)

17.736min (-0.008) 20.00 ng/ul m

response 726931

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	5.89#
80.00	7.80	7.35
0.00	0.00	0.00

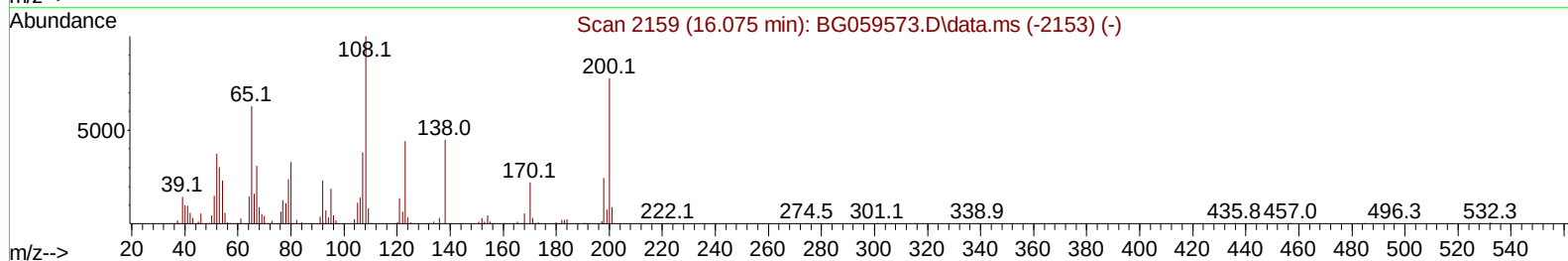
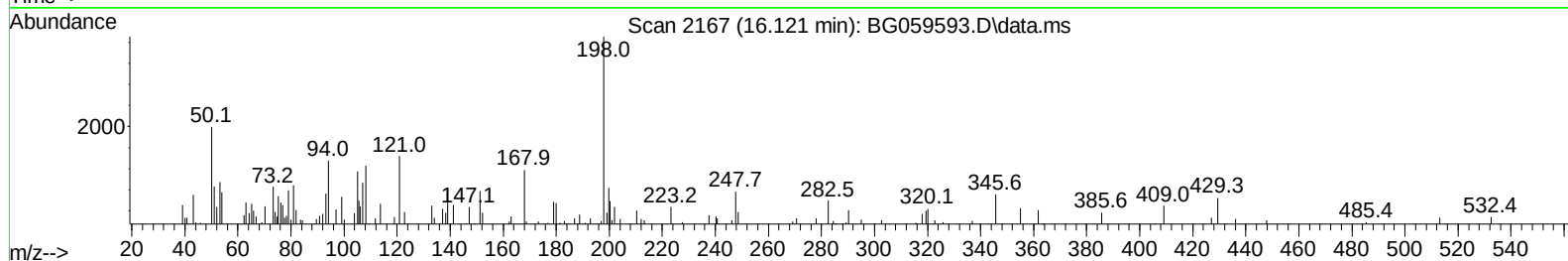
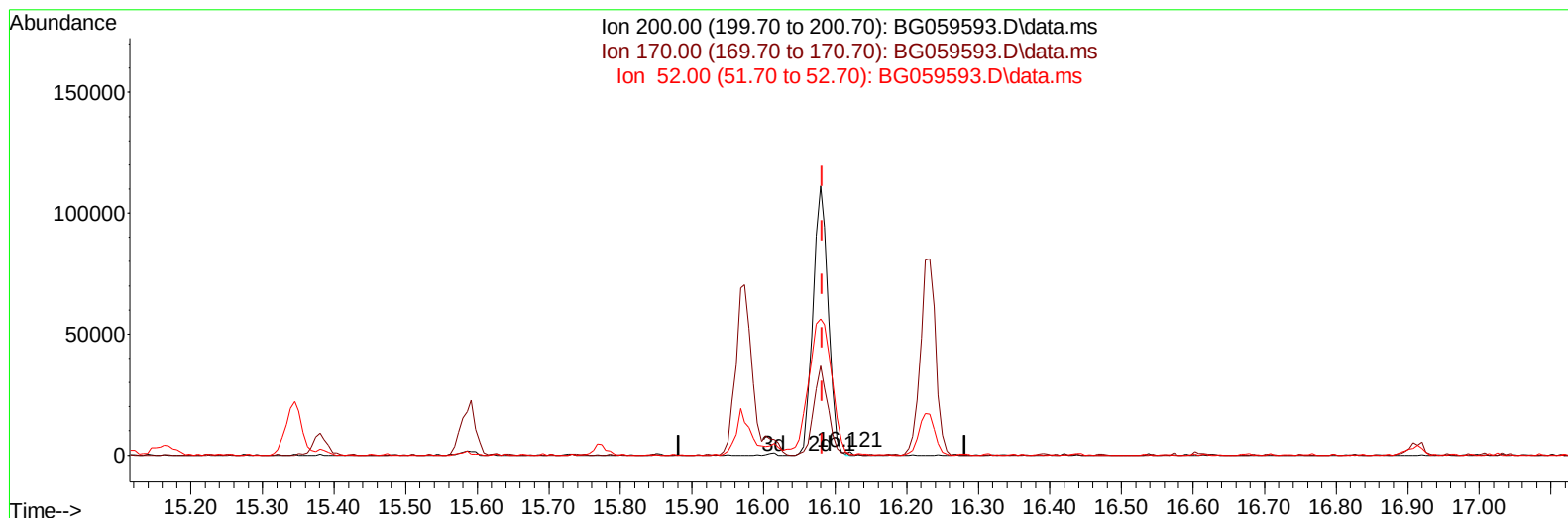
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

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

16.121min (+ 0.039) 0.15 ng/uI

response 501

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	0.00#
52.00	40.40	33.52
0.00	0.00	0.00

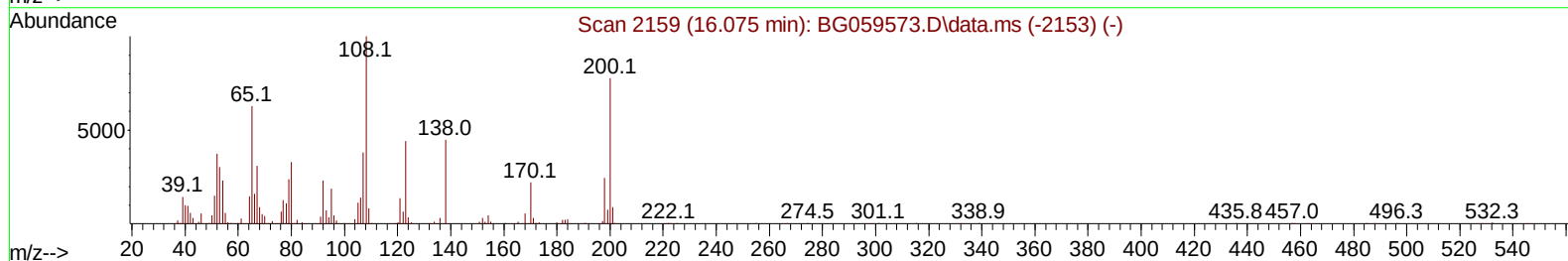
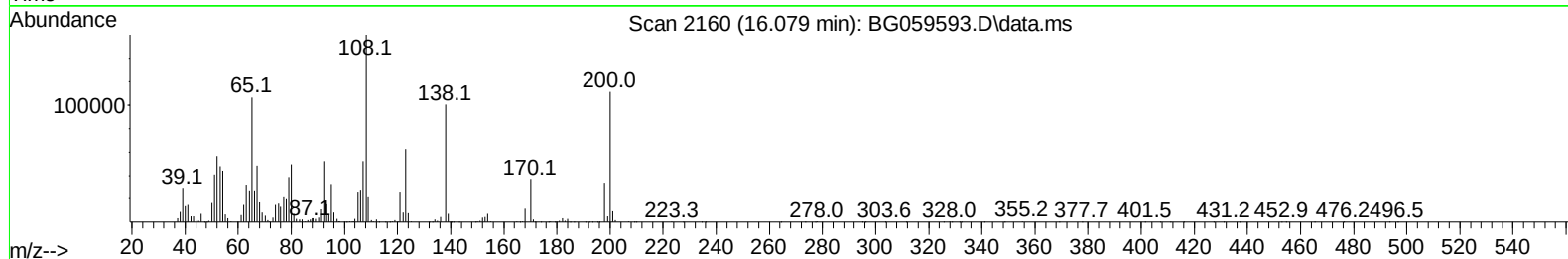
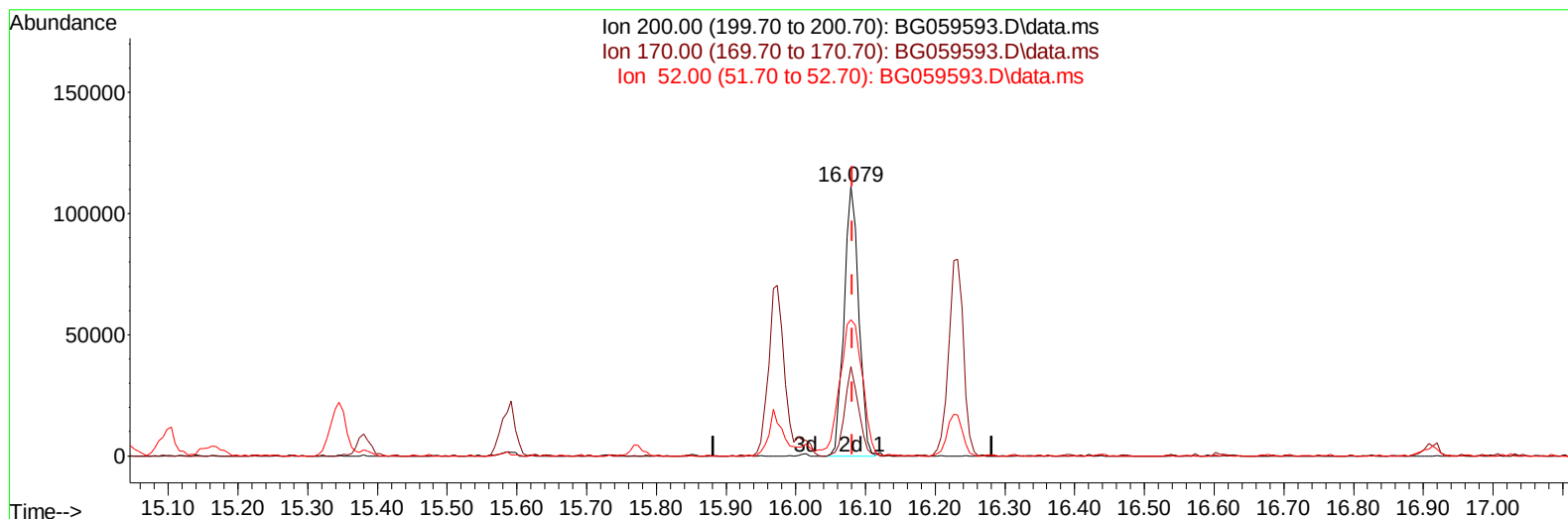
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

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

16.079min (-0.002) 47.72 ng/ul m

response 164270

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	33.23#
52.00	40.40	50.70#
0.00	0.00	0.00

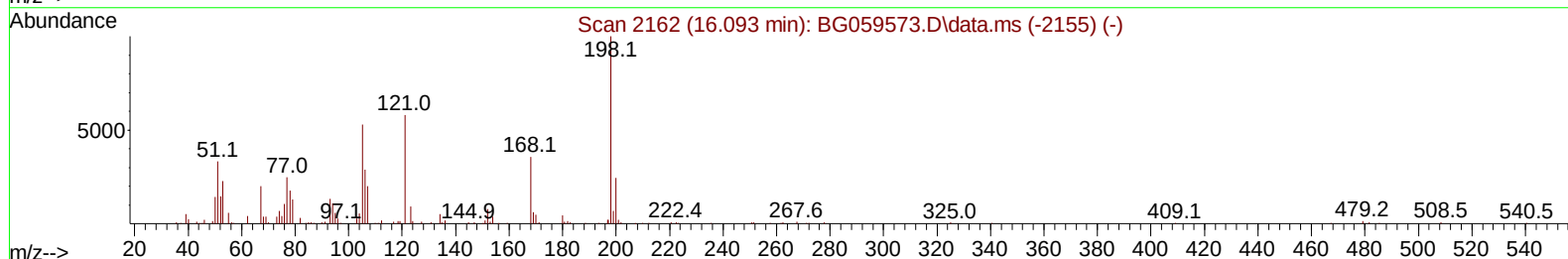
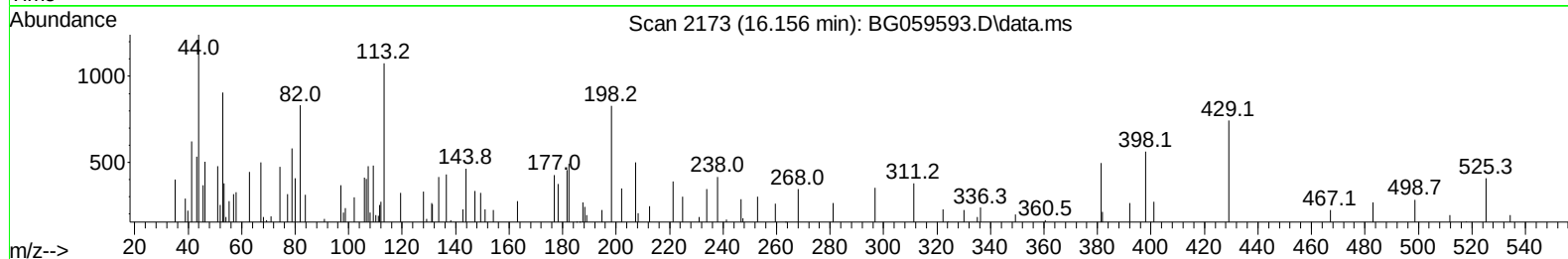
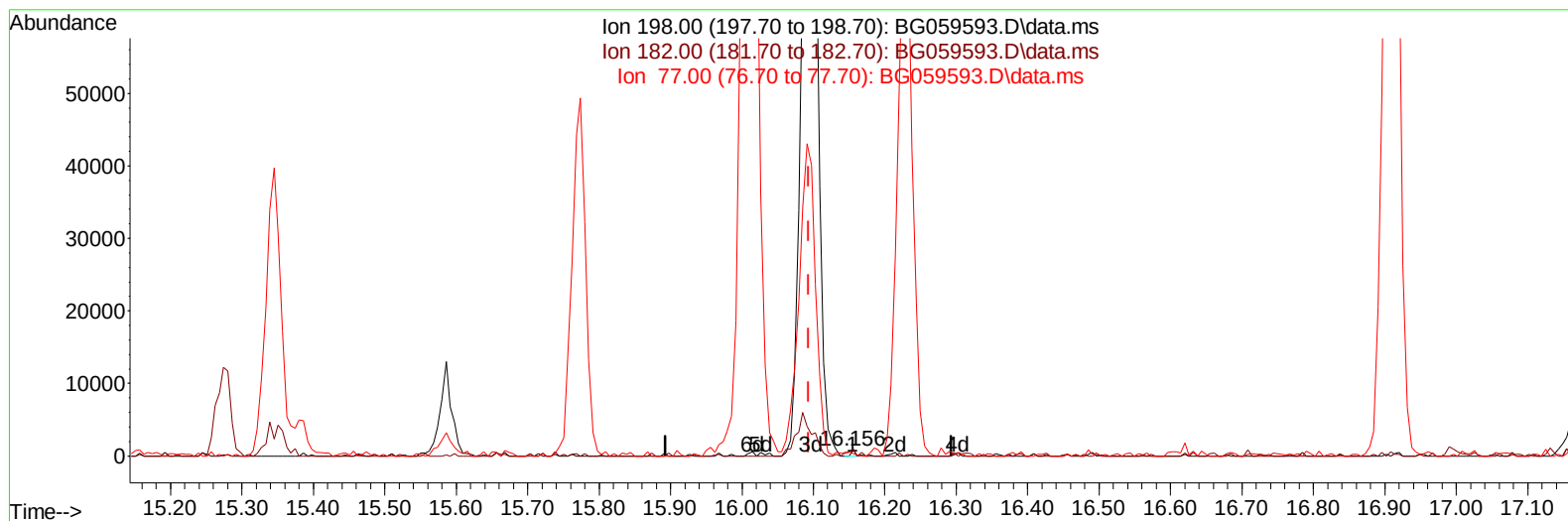
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

16.156min (+ 0.062) 0.08 ng/ul

response 292

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	1.70	113.87#
77.00	19.80	38.00#
0.00	0.00	0.00

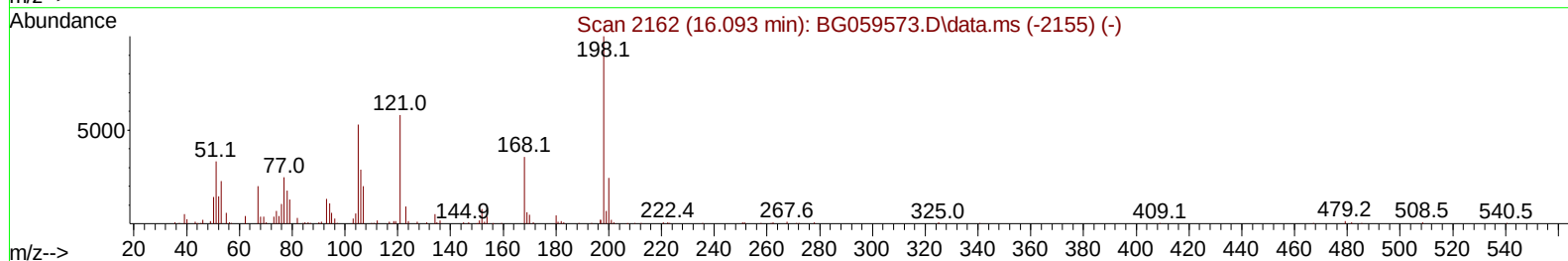
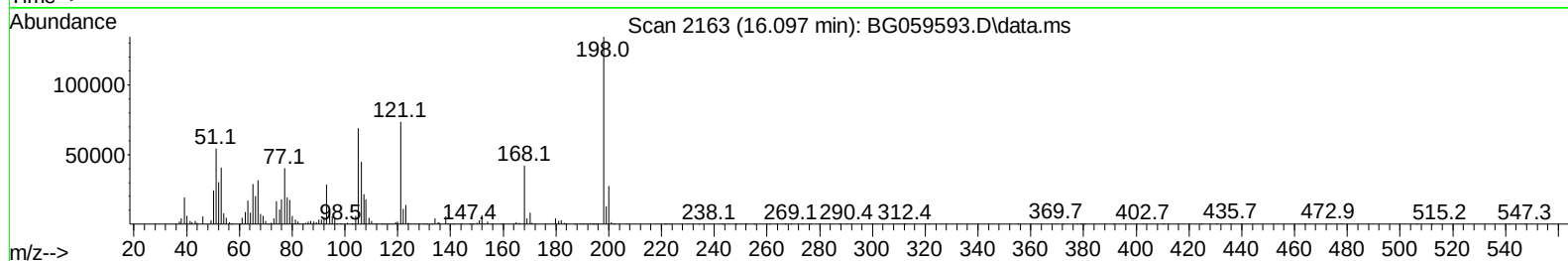
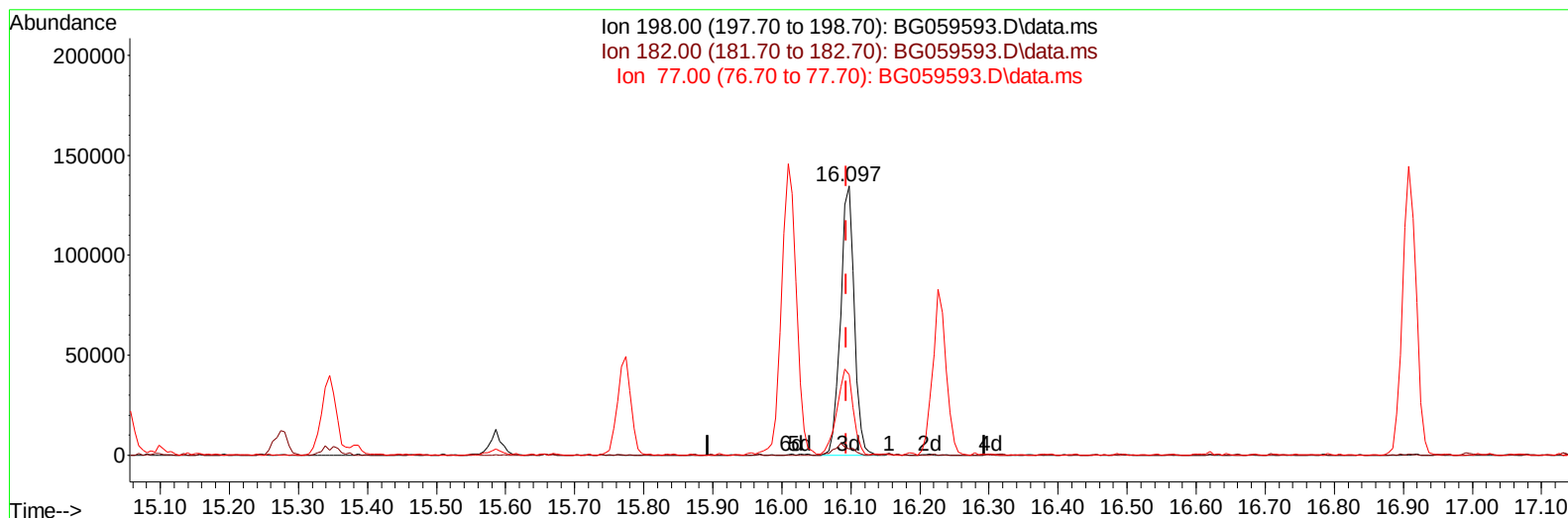
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

16.097min (+ 0.004) 51.16 ng/ul m

response 185623

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	1.70	2.18#
77.00	19.80	29.76#
0.00	0.00	0.00

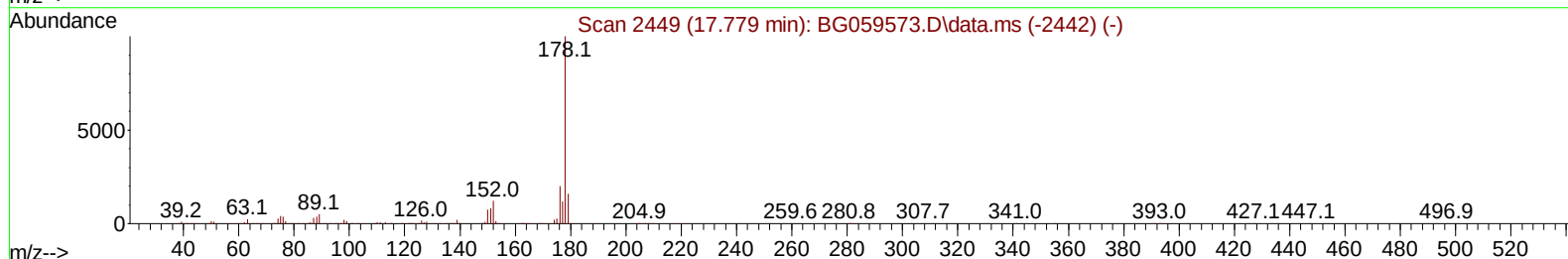
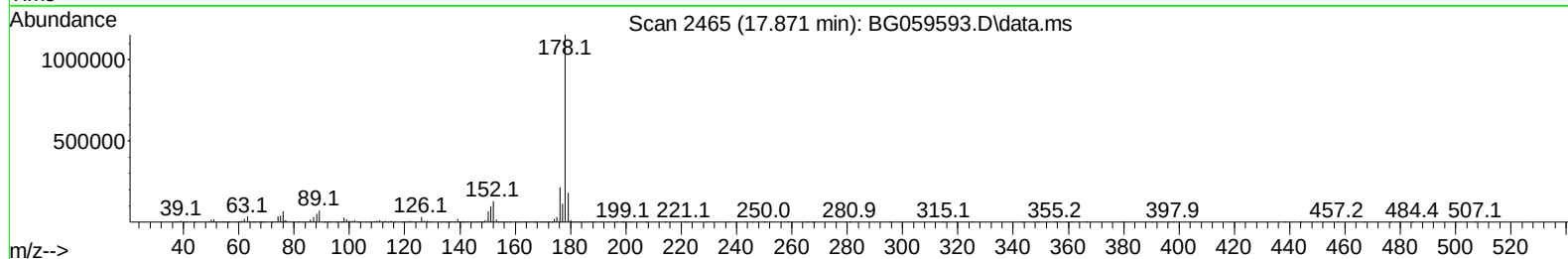
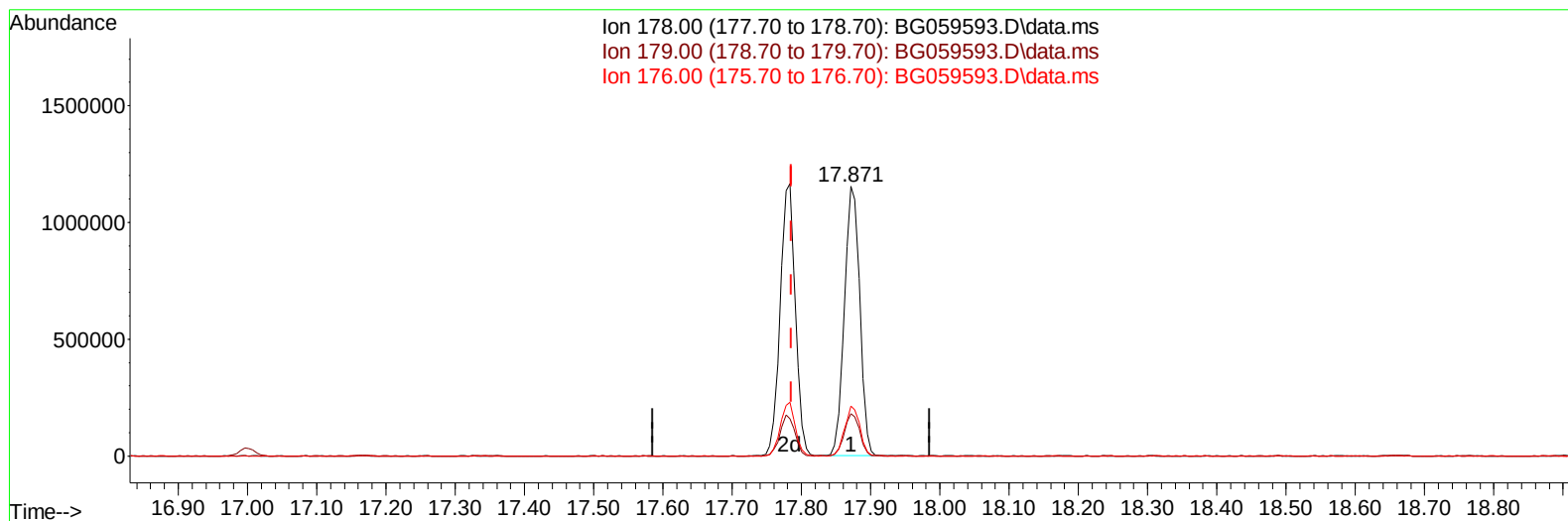
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(72) Phenanthrene

17.871min (+ 0.086) 37.84 ng/ul

response 1788422

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	15.68
176.00	19.20	18.63
0.00	0.00	0.00

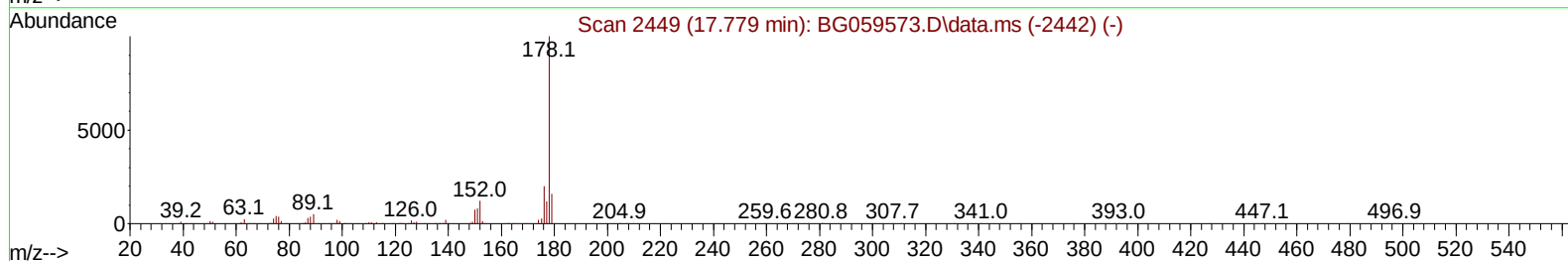
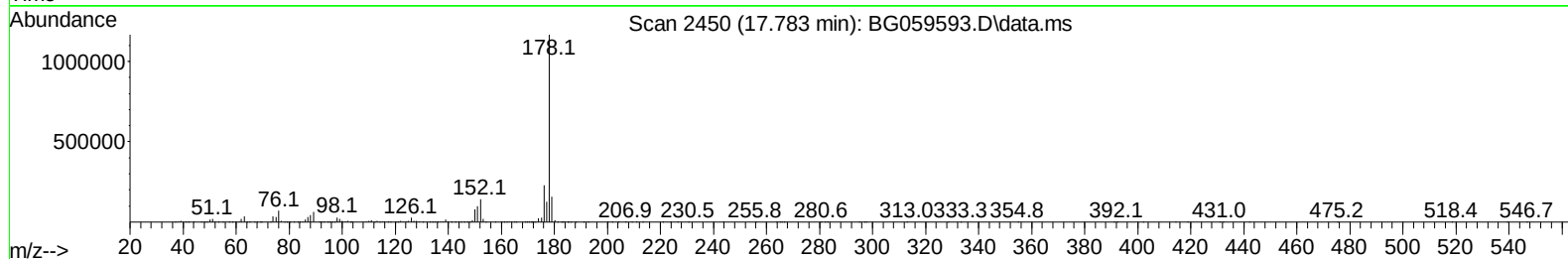
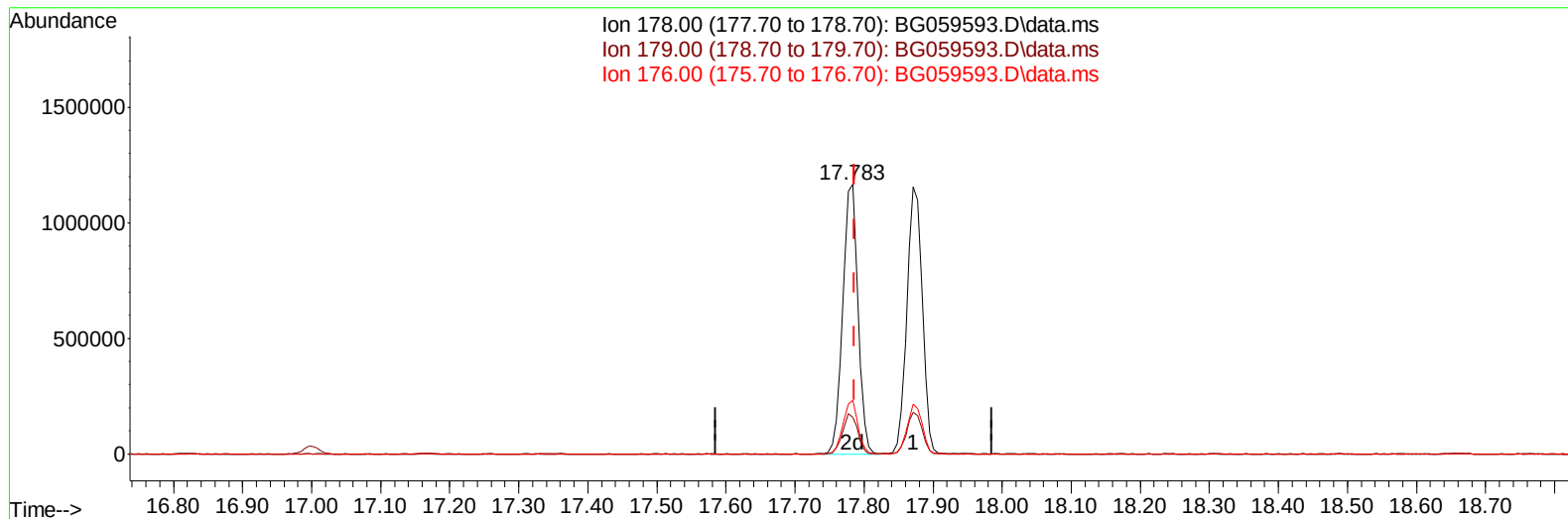
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
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 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(72) Phenanthrene

17.783min (-0.002) 37.63 ng/ul m

response 1778500

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	13.67
176.00	19.20	19.85
0.00	0.00	0.00

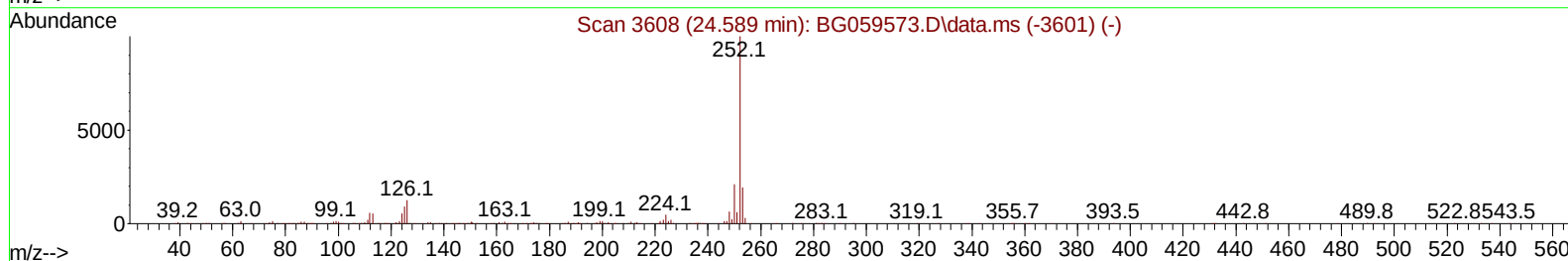
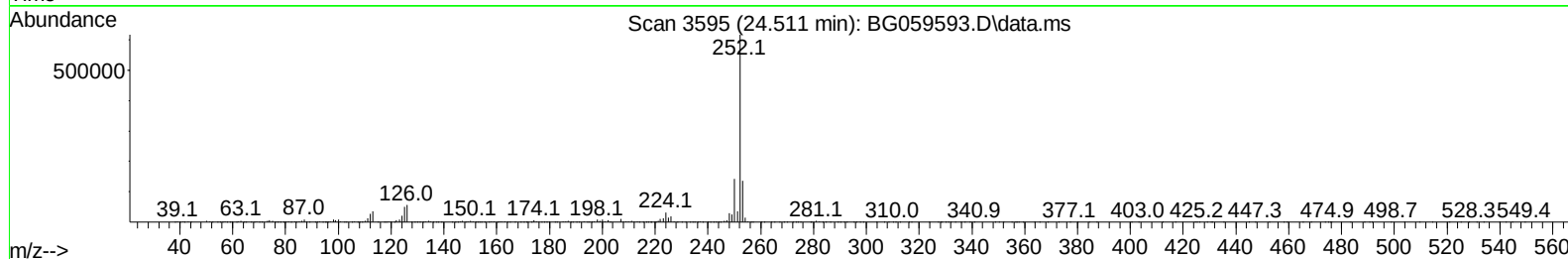
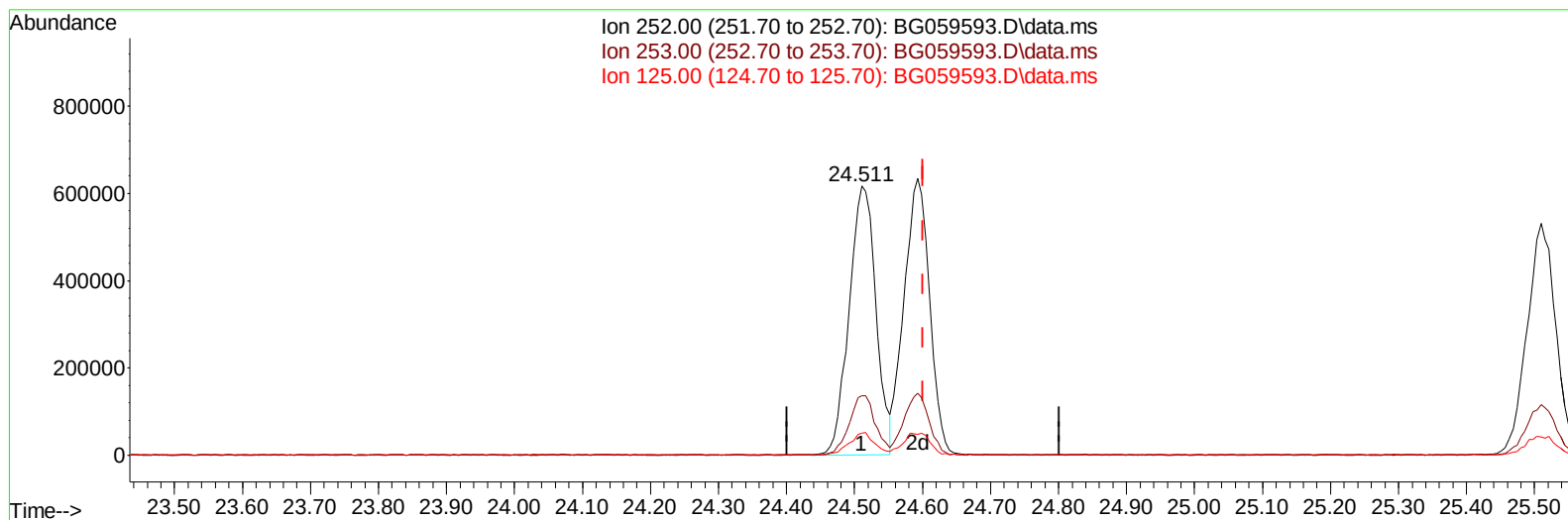
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059593.D
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Operator : MA/JU
Sample : 04952-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
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TIC: BG059593.D\data.ms

(91) Benzo(k)fluoranthene

24.511min (-0.090) 56.82 ng/u1

response 1690661

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.02
125.00	9.90	8.18
0.00	0.00	0.00

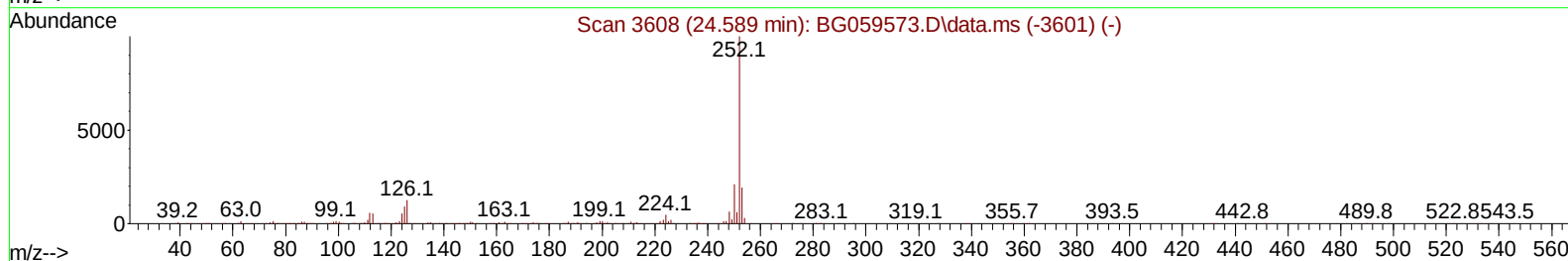
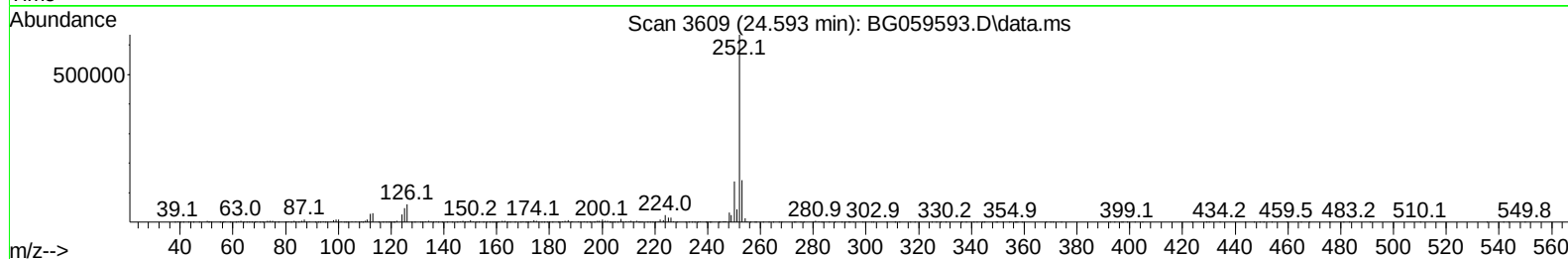
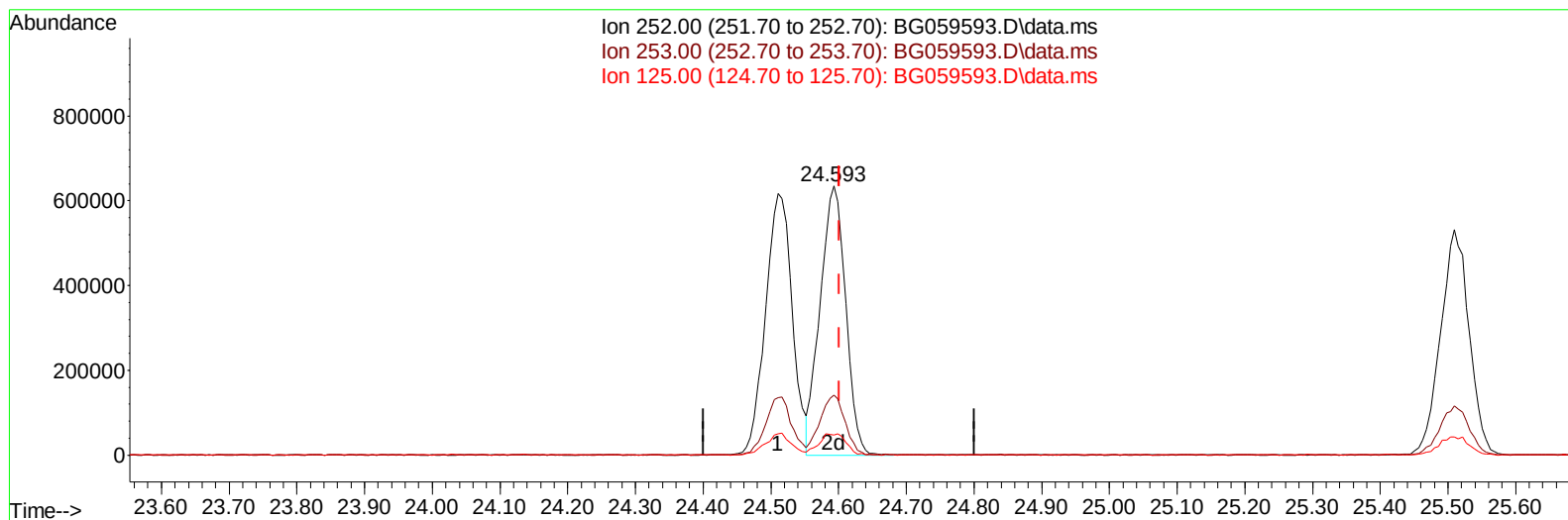
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(91) Benzo(k)fluoranthene

24.593min (-0.008) 55.81 ng/ul m

response 1660564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.37
125.00	9.90	7.36#
0.00	0.00	0.00

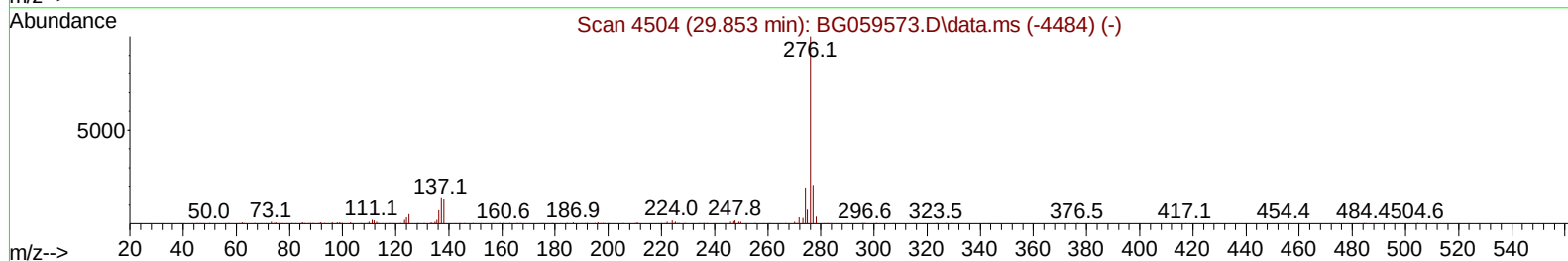
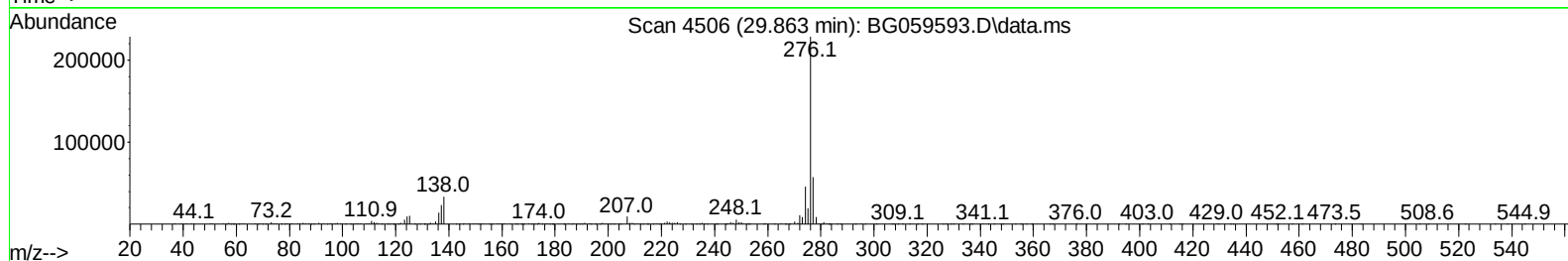
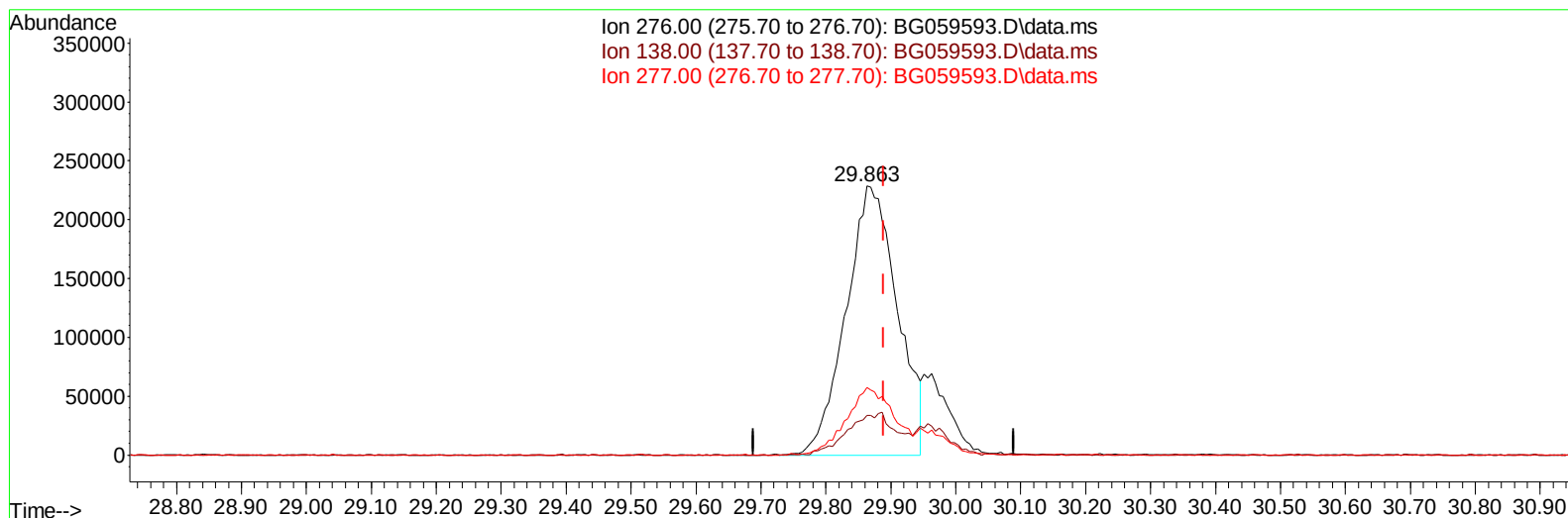
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.863min (-0.026) 35.26 ng/ul

response 1258196

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.80#
277.00	20.50	25.20#
0.00	0.00	0.00

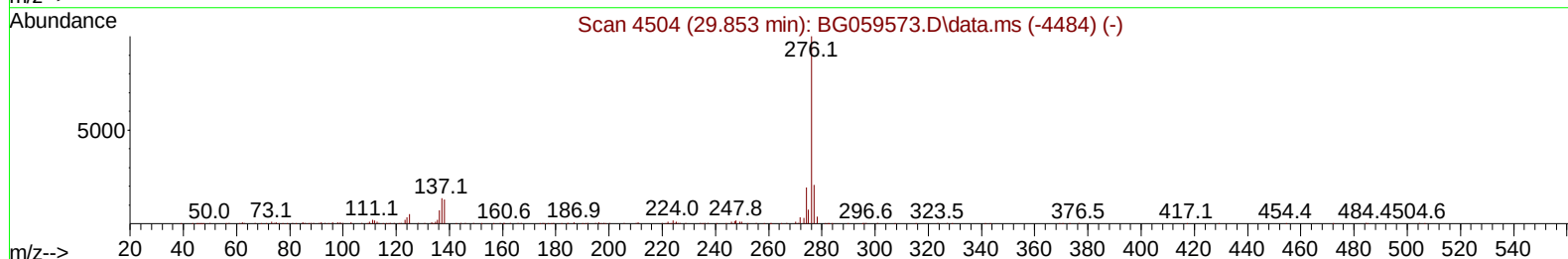
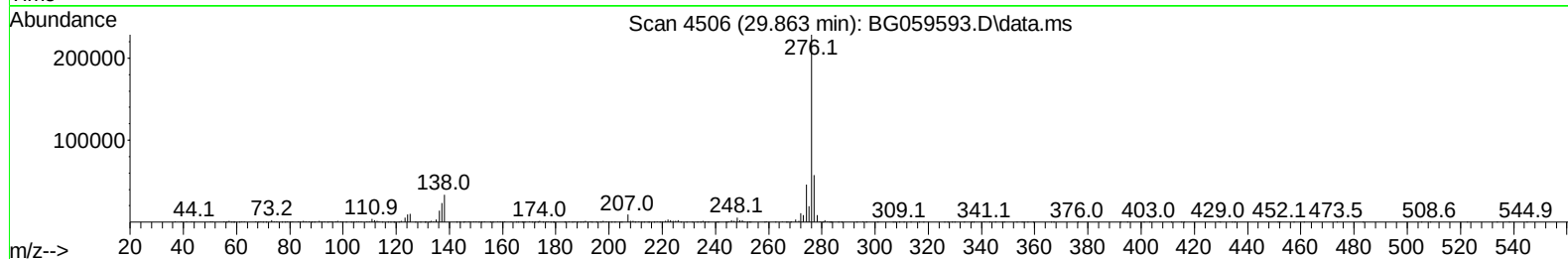
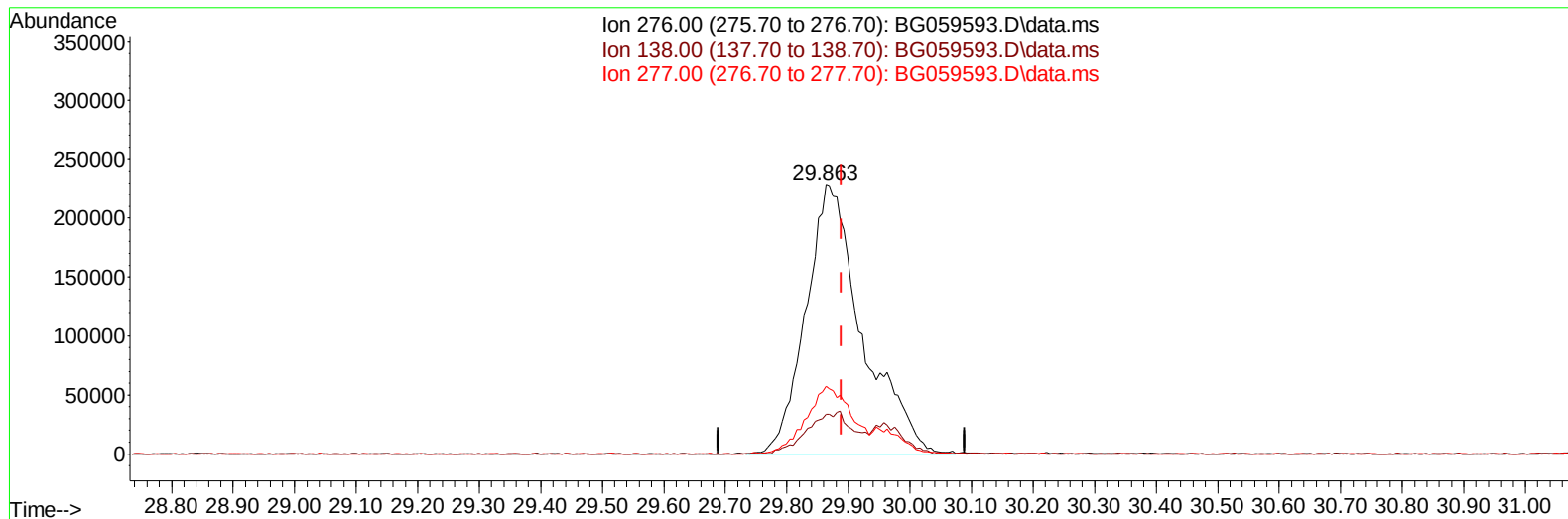
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059593.D
Acq On : 2 Nov 2023 2:09
Operator : MA/JU
Sample : 04952-09MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.863min (-0.026) 40.72 ng/ul m

response 1453193

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.80#
277.00	20.50	25.20#
0.00	0.00	0.00

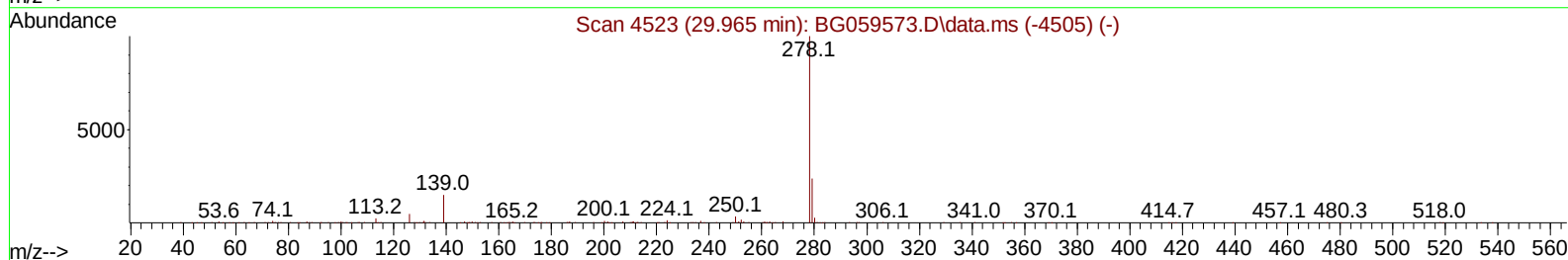
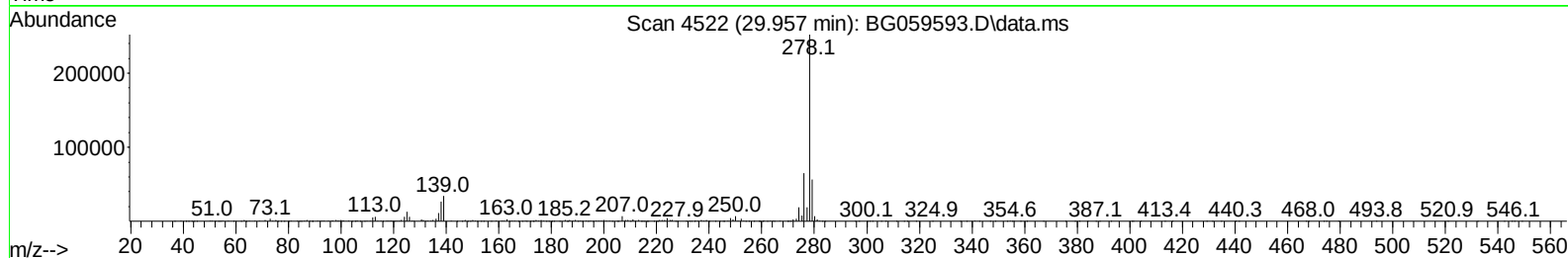
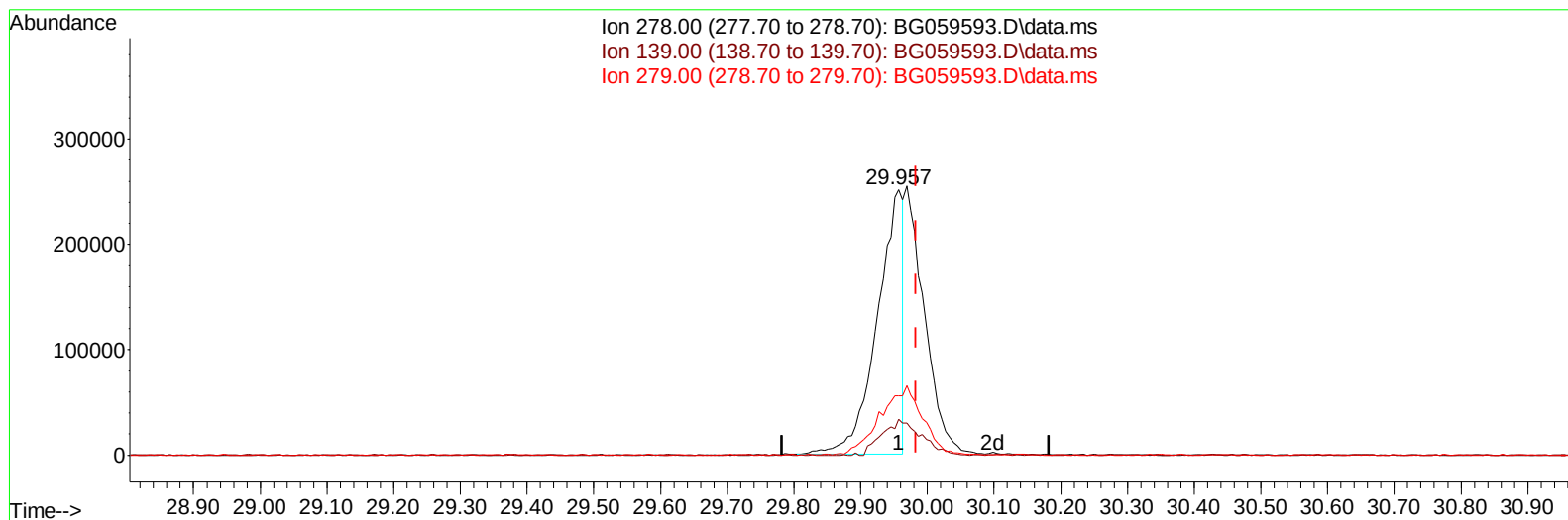
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:26:55 2023
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 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059593.D\data.ms

(95) Dibenzo(a,h)anthracene

29.957min (-0.026) 23.13 ng/u1

response 681564

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	13.47
279.00	22.90	22.33
0.00	0.00	0.00

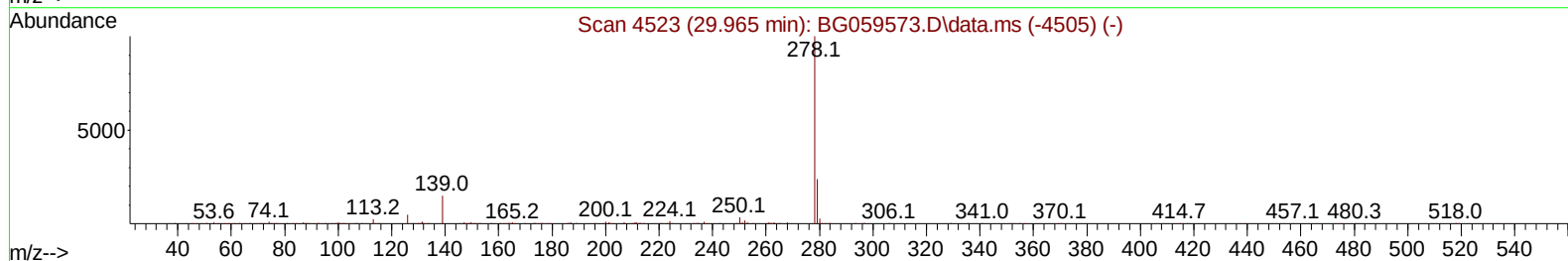
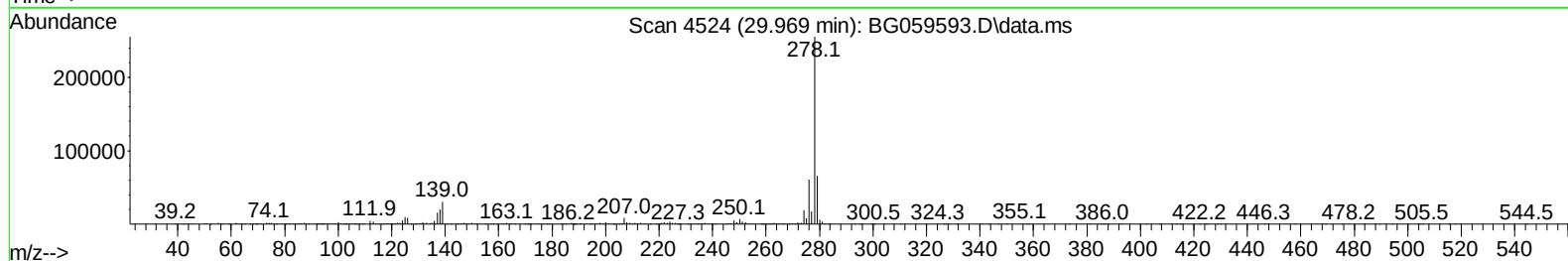
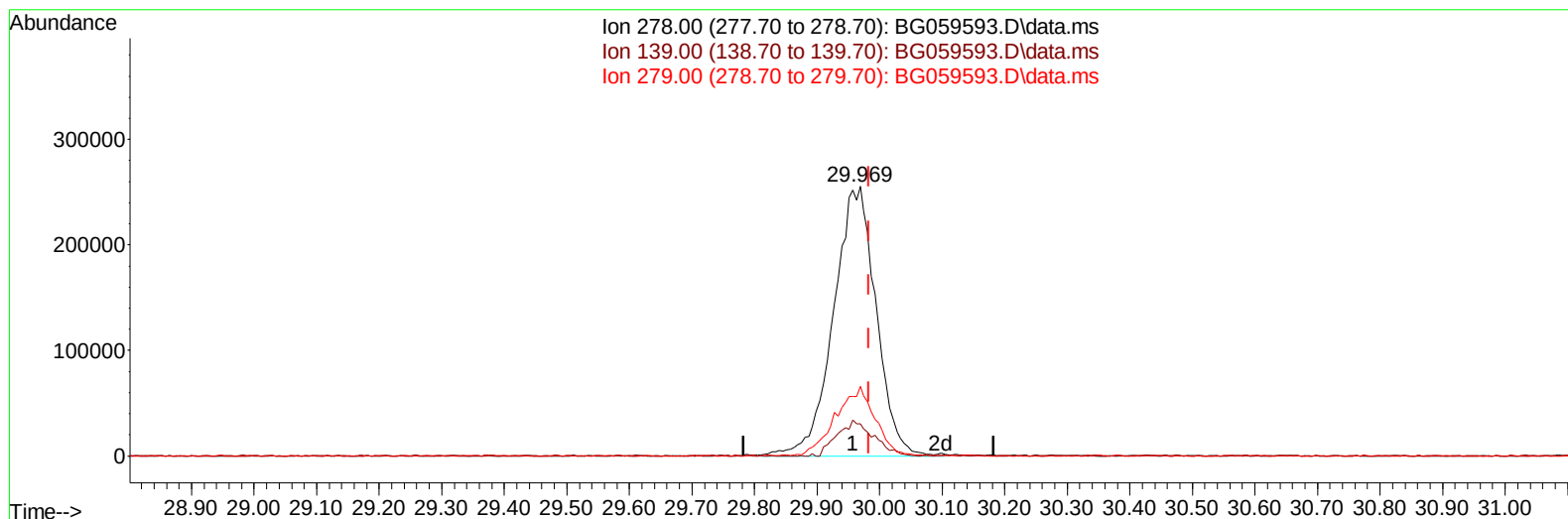
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG059593.D\data.ms

(95) Dibenzo(a,h)anthracene

29.969min (-0.014) 41.03 ng/ul m

response 1209248

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	11.95
279.00	22.90	25.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
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 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	86344	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	537057	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	334248	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	726931m	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	551141	20.000	ng/ul	0.00
88) Perylene-d12	25.680	264	410932	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	5885	2.550	ng/uL	0.00
4) Pyridine-d5	4.088	84	49726	7.711	ng/ul	0.00
7) Phenol-d5	7.466	99	48559	5.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	106197	26.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	148026	20.564	ng/ul	0.00
15) 4-Methylphenol-d8	9.041	113	93818	13.328	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	103651	27.143	ng/ul	0.00
24) 2-Nitrophenol-d4	10.280	143	158926	40.540	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.803	165	270033	31.264	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	384455	27.040	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	1025364	33.860	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	1188994	33.457	ng/ul	0.00
54) 4-Nitrophenol-d4	15.157	143	42937	8.268	ng/ul	0.00
60) Fluorene-d10	15.974	176	895118	34.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	164270m	47.718	ng/ul	0.00
73) Anthracene-d10	17.836	188	1371290	34.820	ng/ul	0.00
81) Pyrene-d10	20.104	212	1369659	35.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.427	264	1267527	52.382	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.694	88	8429m	3.263	ng/uL	
5) Pyridine	4.111	79	51898	8.159	ng/ul#	84
6) Benzaldehyde	7.501	77	122769	30.719	ng/ul	96
8) Phenol	7.501	94	56749	6.784	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.771	93	170186	27.744	ng/ul	95
12) 2-Chlorophenol	7.907	128	160847	22.539	ng/ul	95
13) 2-Methylphenol	8.776	108	122566	17.577	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.858	45	134252m	23.257	ng/ul	
16) Acetophenone	9.199	105	335344	30.221	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.164	70	142549	27.264	ng/ul#	85
18) 4-Methylphenol	9.111	108	110870	14.943	ng/ul	88
19) Hexachloroethane	9.446	117	79162	27.930	ng/ul	97
22) Nitrobenzene	9.599	77	233414	28.319	ng/ul	97
23) Isophorone	10.110	82	652675	31.444	ng/ul#	91
25) 2-Nitrophenol	10.310	139	167284	39.677	ng/ul#	77
26) 2,4-Dimethylphenol	10.327	107	245667	22.153	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.592	93	354733	30.693	ng/ul	97
29) 2,4-Dichlorophenol	10.833	162	268093	32.084	ng/ul	88
30) Naphthalene	11.256	128	1072364	32.036	ng/ul	97
32) 4-Chloroaniline	11.373	127	373942	27.688	ng/ul	89
33) Hexachlorobutadiene	11.485	225	154644	30.849	ng/ul	94
34) Caprolactam	12.149	113	14682m	4.803	ng/ul	
35) 4-Chloro-3-methylphenol	12.437	107	317791	31.874	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:28:11 2023
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 QLast Update : Sat Oct 28 03:56:42 2023
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Reviewed By :Yogesh Patel 11/03/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.836	142	790389	34.322	ng/ul	93
37) 1-Methylnaphthalene	13.054	142	767891	33.478	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.177	216	324715	33.682	ng/ul	96
40) Hexachlorocyclopentadiene	13.130	237	154270	27.451	ng/ul	92
41) 2,4,6-Trichlorophenol	13.412	196	250157	37.474	ng/ul	97
42) 2,4,5-Trichlorophenol	13.482	196	273796	37.884	ng/ul#	87
43) 1,1'-Biphenyl	13.823	154	1034603	34.216	ng/ul	98
44) 2-Chloronaphthalene	13.876	162	799917	34.037	ng/ul	95
45) 2-Nitroaniline	14.088	65	246073	56.274	ng/ul	90
47) Dimethylphthalate	14.428	163	1102630	36.855	ng/ul	97
48) 2,6-Dinitrotoluene	14.569	165	225135	49.884	ng/ul#	78
50) Acenaphthylene	14.716	152	1464809	35.774	ng/ul	96
51) 3-Nitroaniline	14.910	138	243719	43.324	ng/ul#	80
52) Acenaphthene	15.051	153	943220	35.339	ng/ul	94
53) 2,4-Dinitrophenol	15.098	184	129461	50.485	ng/ul#	66
55) 4-Nitrophenol	15.169	109	56459	9.865	ng/ul	94
56) Dibenzofuran	15.380	168	1287569	37.210	ng/ul	94
57) 2,4-Dinitrotoluene	15.345	165	342233	53.909	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.586	232	248000	43.721	ng/ul#	92
59) Diethylphthalate	15.774	149	1240364	38.006	ng/ul	98
61) Fluorene	16.026	166	1119778	37.486	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.015	204	489641	38.354	ng/ul	95
63) 4-Nitroaniline	16.068	138	271640m	45.501	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.097	198	185623m	51.162	ng/ul	
67) N-Nitrosodiphenylamine	16.226	169	967638	38.957	ng/ul	95
68) 4-Bromophenyl-phenylether	16.908	248	307496	42.272	ng/ul	95
69) Hexachlorobenzene	17.002	284	341453	40.616	ng/ul	95
70) Atrazine	17.166	200	298422	38.772	ng/ul	93
71) Pentachlorophenol	17.354	266	203546	42.382	ng/ul	96
72) Phenanthrene	17.783	178	1778500m	37.634	ng/ul	
74) Anthracene	17.871	178	1788422	37.481	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.782	216	343166	35.449	ng/uL	88
76) Pentachlorobenzene	15.274	250	350273	38.131	ng/uL	97
77) Carbazole	18.148	167	1632476	39.826	ng/ul	98
78) Di-n-butylphthalate	18.653	149	2004677	35.594	ng/ul	99
80) Fluoranthene	19.769	202	1869847	40.041	ng/ul	98
82) Pyrene	20.139	202	1838293	37.898	ng/ul#	94
83) Butylbenzylphthalate	20.997	149	900958	41.128	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.961	252	560542	39.110	ng/ul	93
85) Benzo(a)anthracene	22.049	228	1714623	37.804	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.890	149	1267063	38.763	ng/ul	99
87) Chrysene	22.125	228	1567464	37.152	ng/ul	98
89) Di-n-octyl phthalate	23.242	149	2145107	59.623	ng/ul	100
90) Benzo(b)fluoranthene	24.511	252	1690661	56.758	ng/ul#	97
91) Benzo(k)fluoranthene	24.593	252	1660564m	55.810	ng/ul	
93) Benzo(a)pyrene	25.509	252	1557673	55.328	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.863	276	1453193m	40.723	ng/ul	
95) Dibenzo(a,h)anthracene	29.969	278	1209248m	41.030	ng/ul	
96) Benzo(g,h,i)perylene	31.203	276	1145258	39.213	ng/ul#	93

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

Instrument :

BNA_G

ClientSampleId :

EOAR8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059593.D
 Acq On : 2 Nov 2023 2:09
 Operator : MA/JU
 Sample : 04952-09MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

EOAR8MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 02 04:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

