

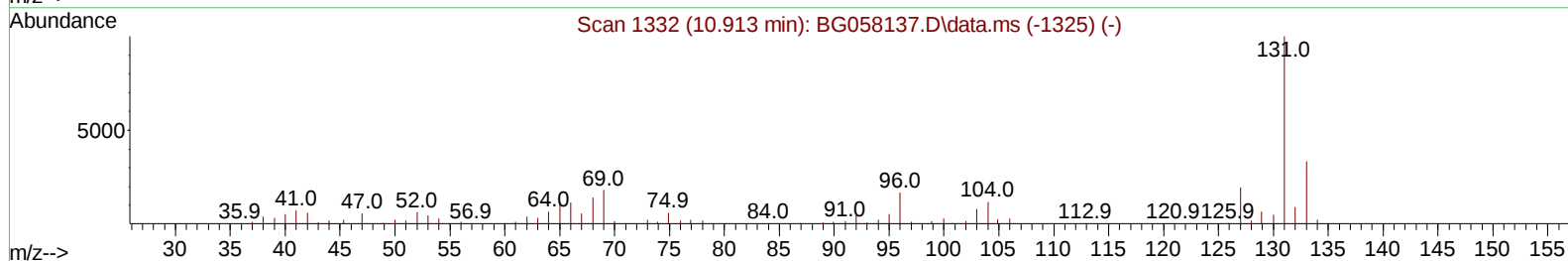
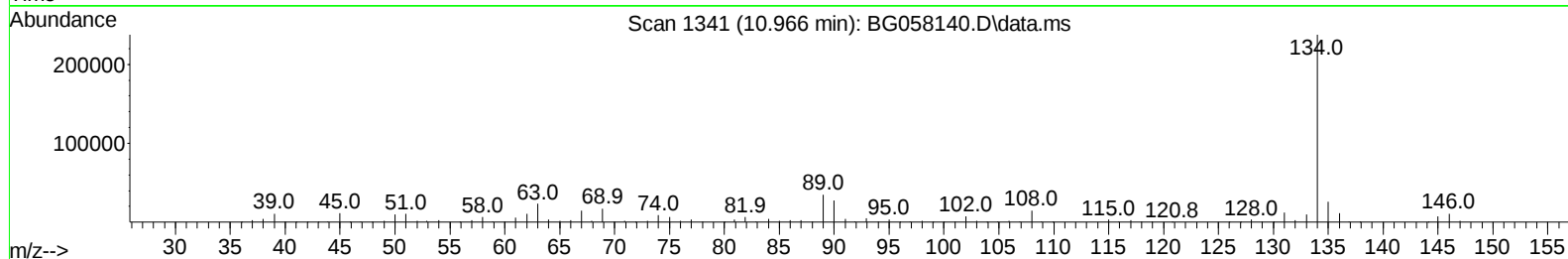
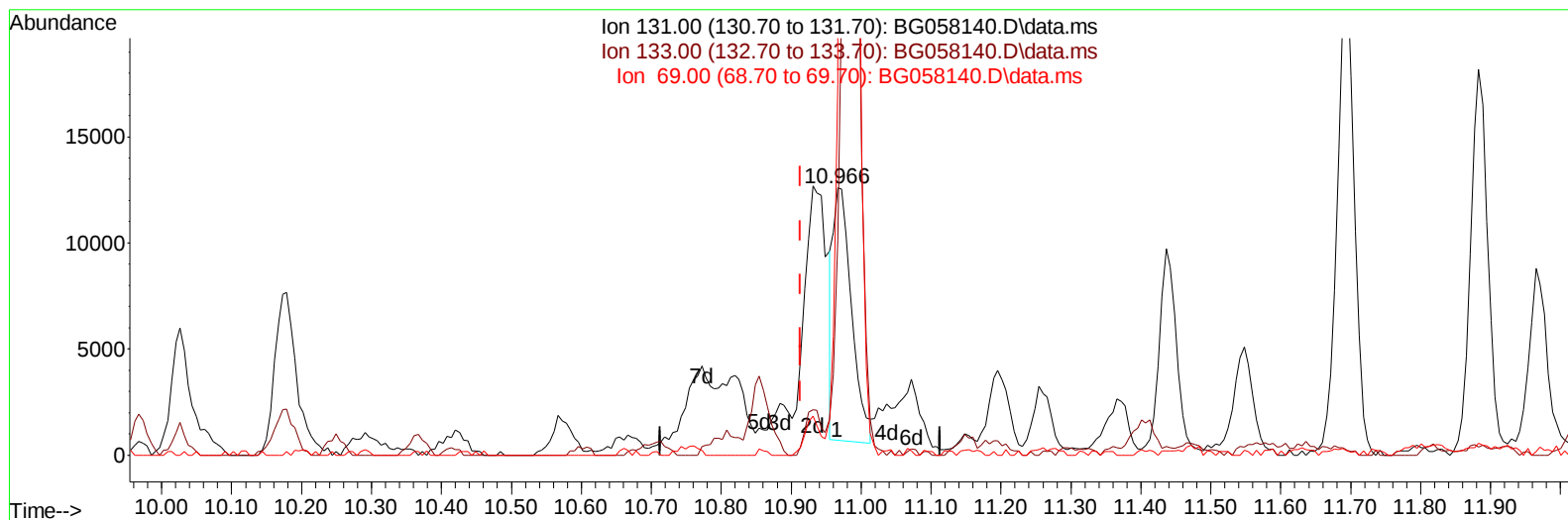
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:59:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.966min (+ 0.053) 2.18 ng/u1

response 21969

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.10	80.44#
69.00	18.00	138.63#
0.00	0.00	0.00

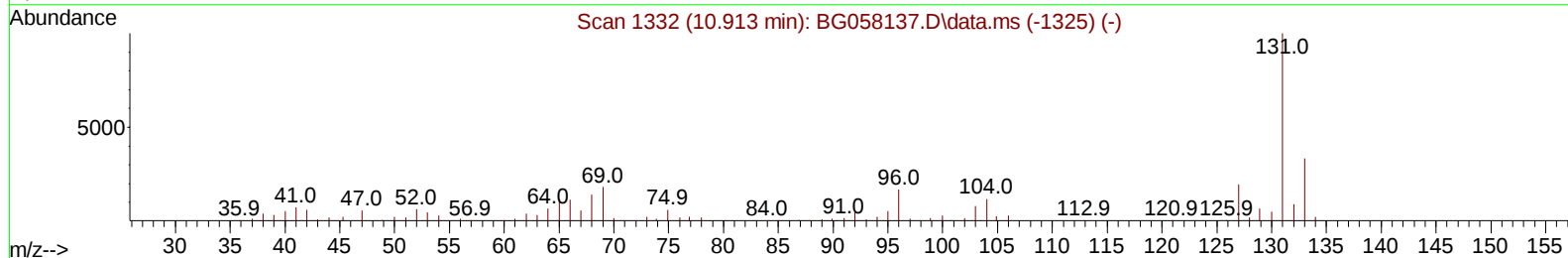
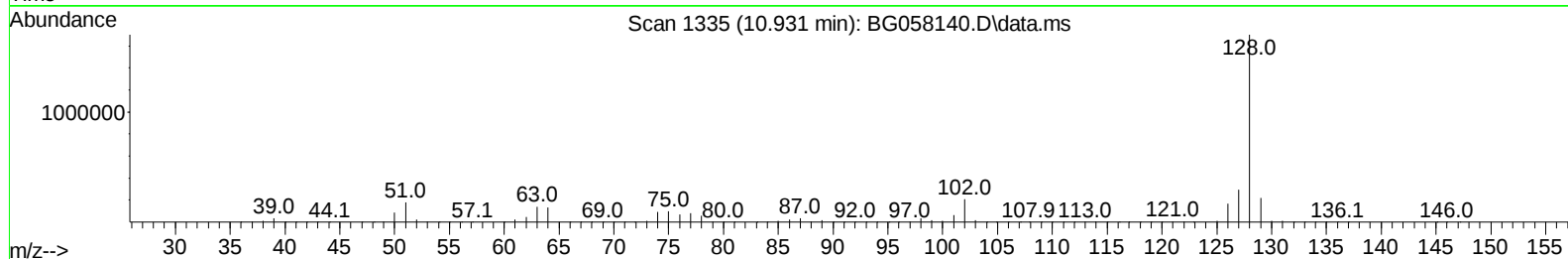
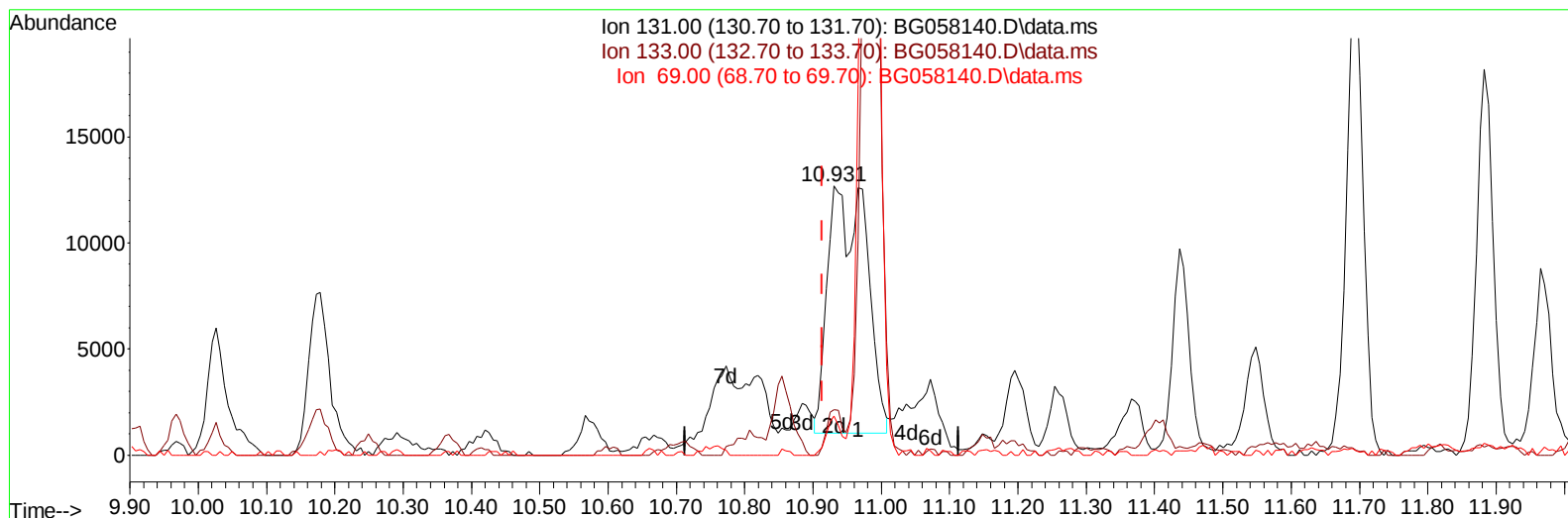
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 00:59:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.931min (+ 0.018) 4.53 ng/ul m

response 45605

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.10	16.79#
69.00	18.00	14.47
0.00	0.00	0.00

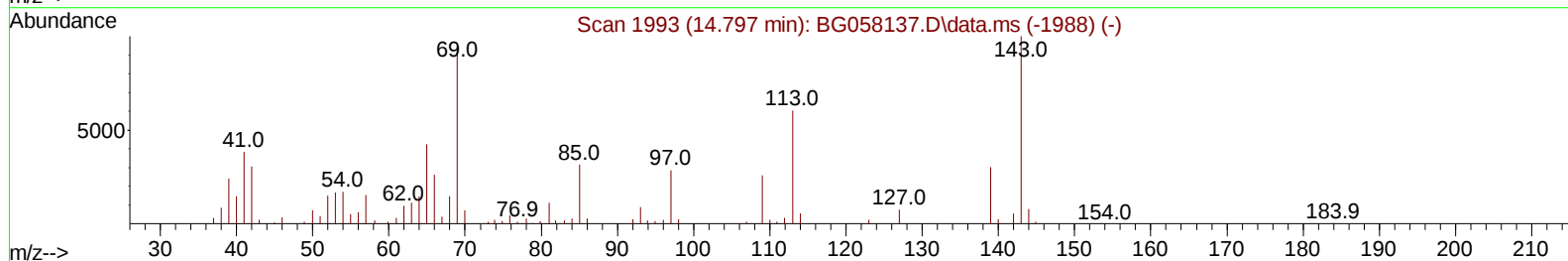
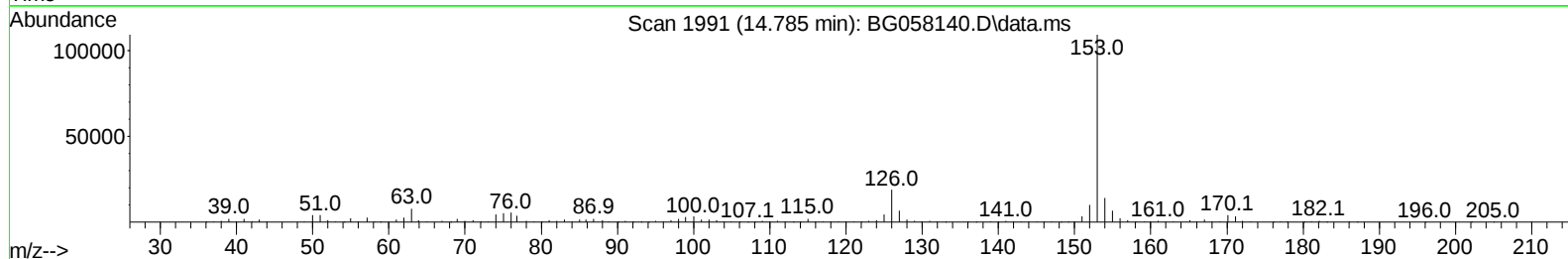
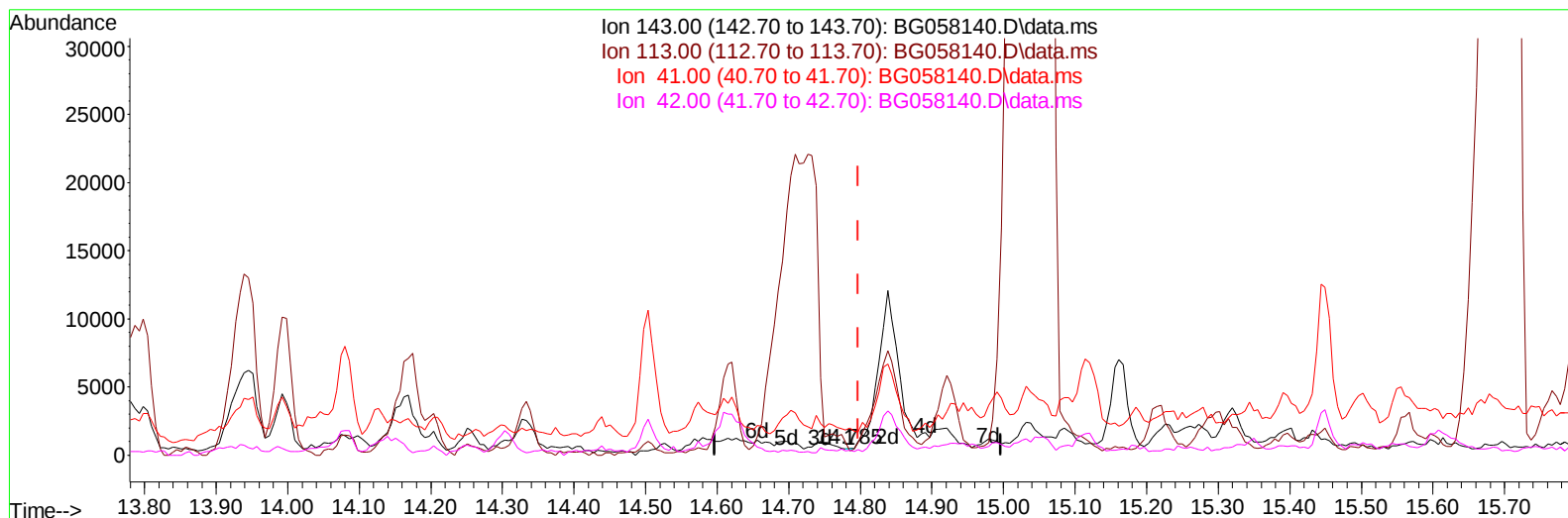
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:00:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.785min (-0.012) 0.01 ng/ul

response 38

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	65.47
41.00	40.50	392.42#
42.00	27.50	74.85#

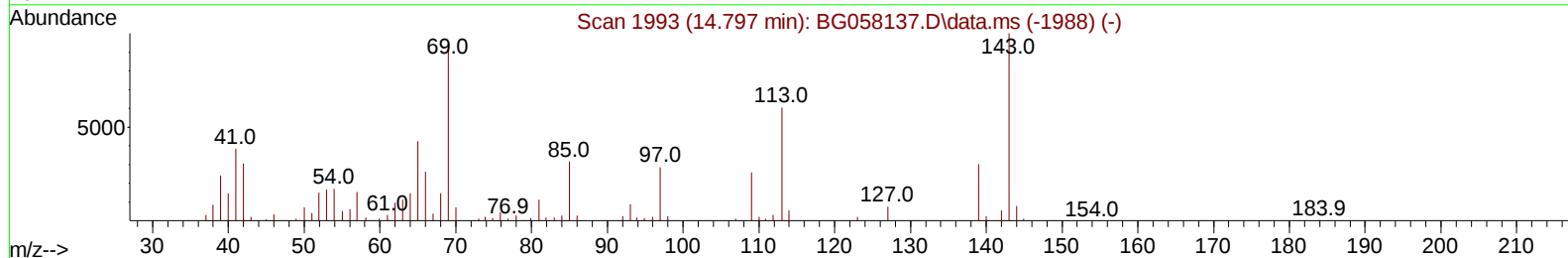
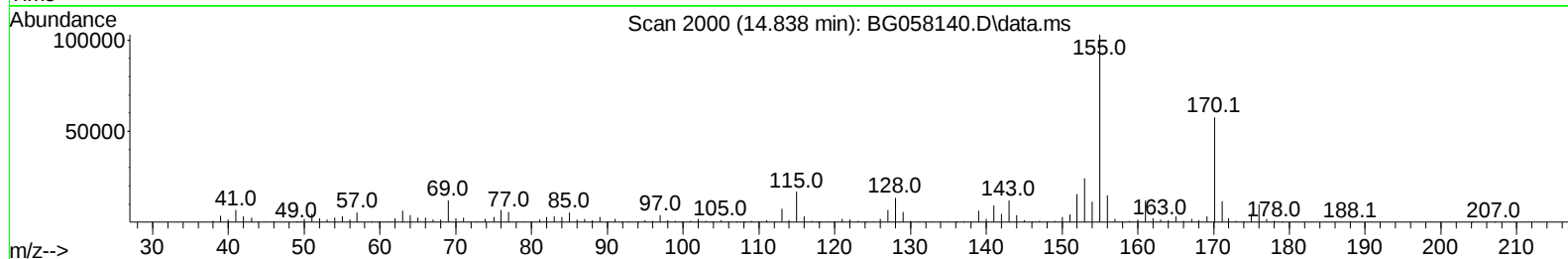
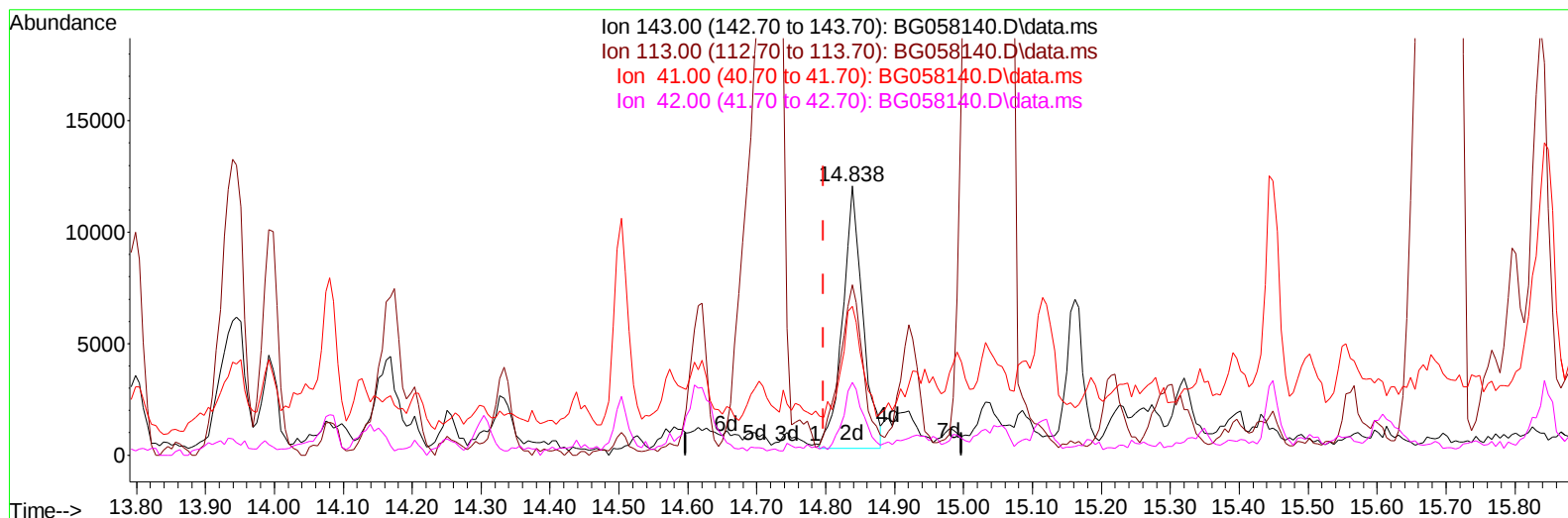
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:00:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.838min (+ 0.041) 6.07 ng/ul m

response 23969

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	63.29
41.00	40.50	55.37#
42.00	27.50	26.99

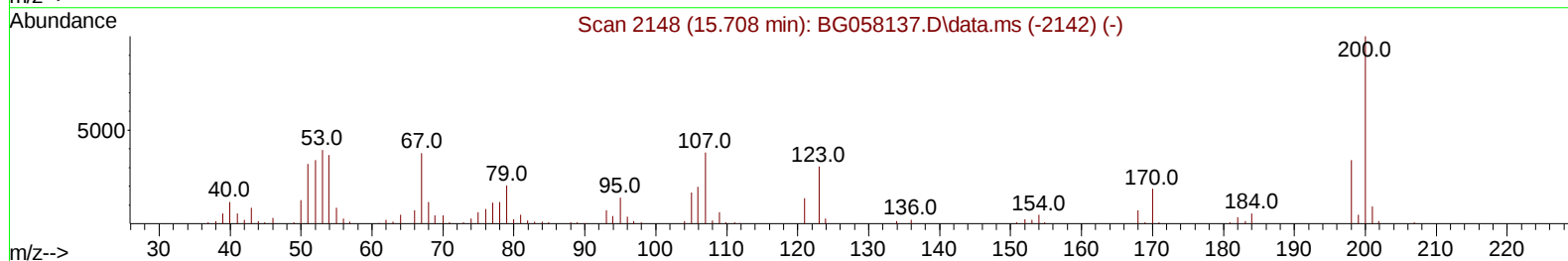
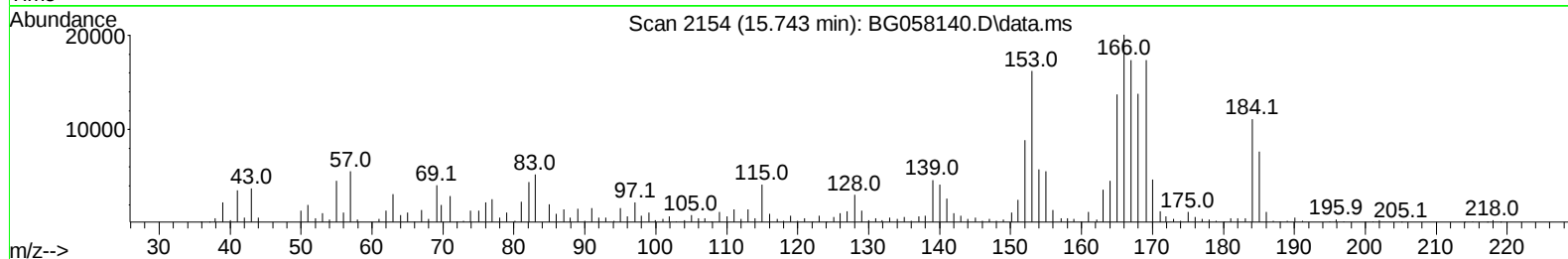
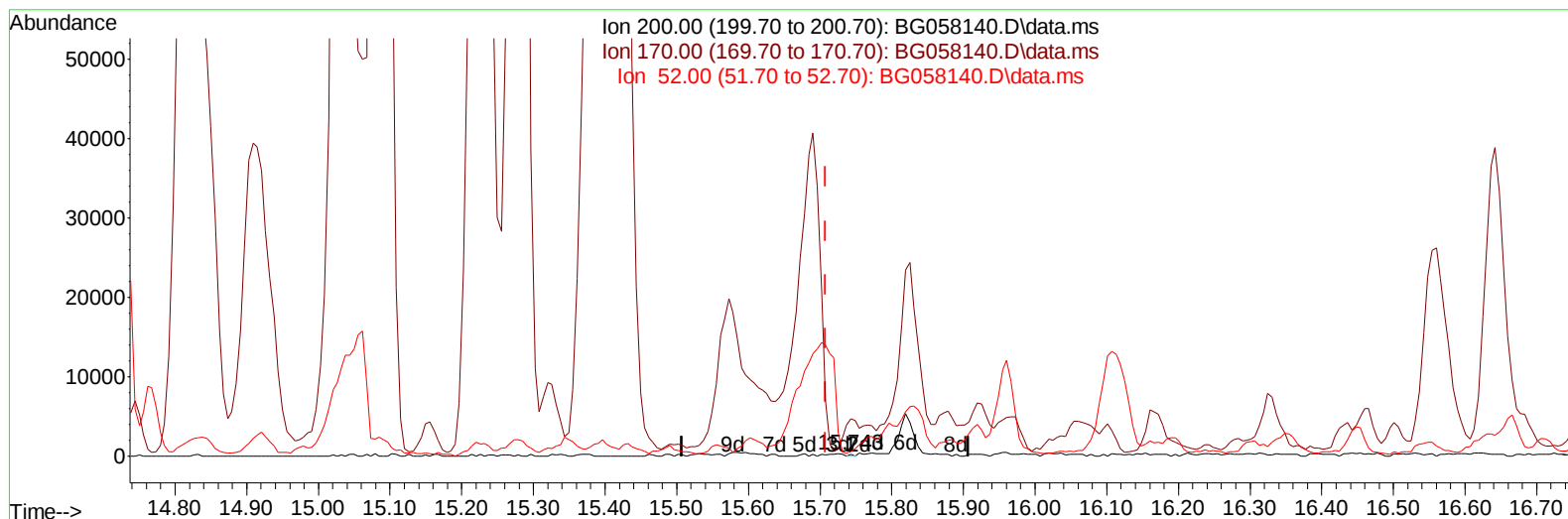
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

15.743min (+ 0.035) 0.03 ng/u1

response 68

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	2426.94#
52.00	44.80	275.13#
0.00	0.00	0.00

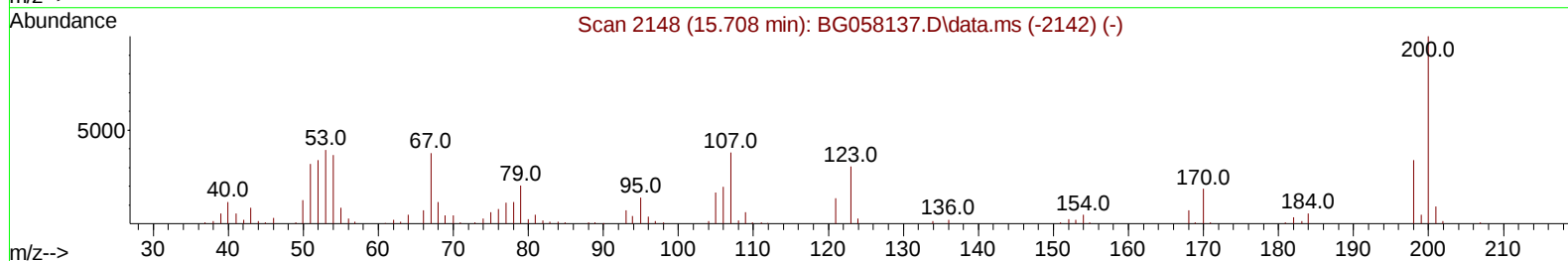
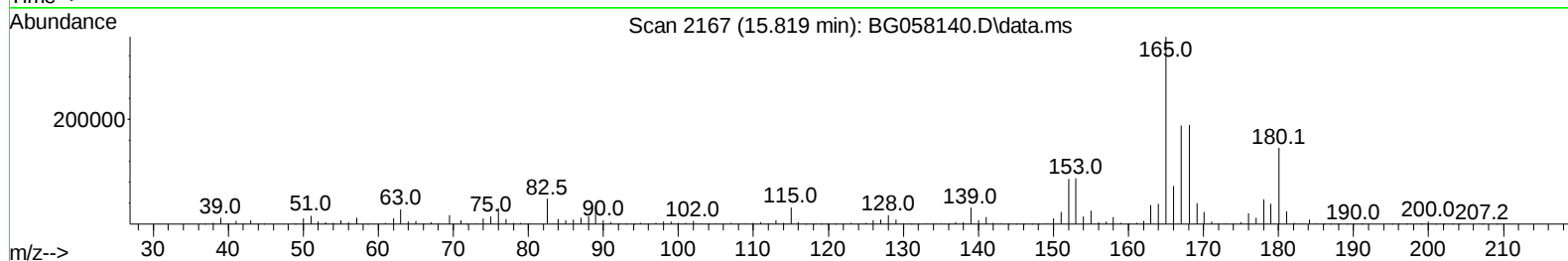
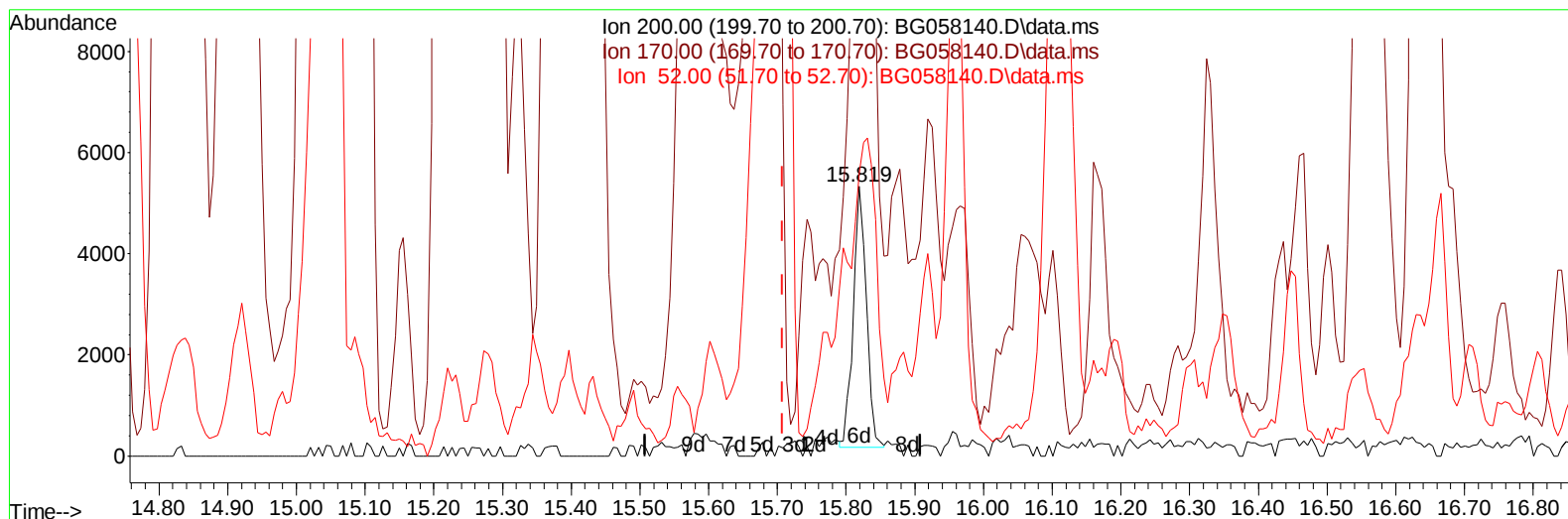
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

15.819min (+ 0.112) 3.05 ng/ul m

response 6898

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	439.11#
52.00	44.80	104.84#
0.00	0.00	0.00

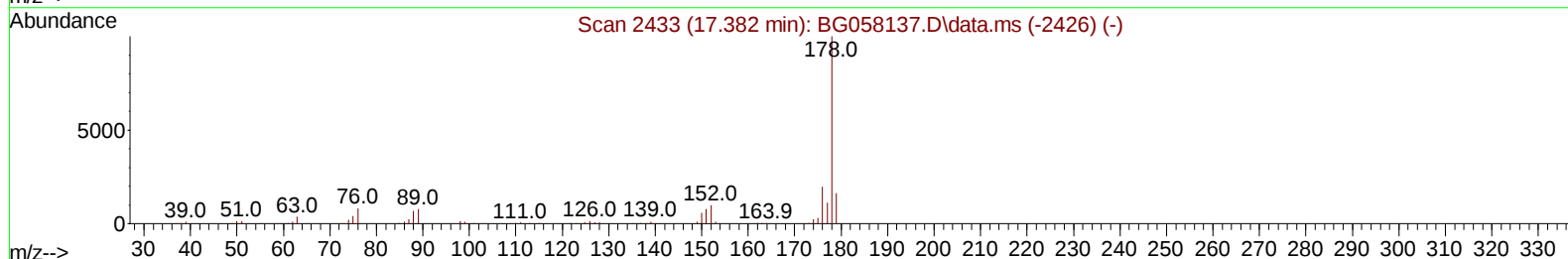
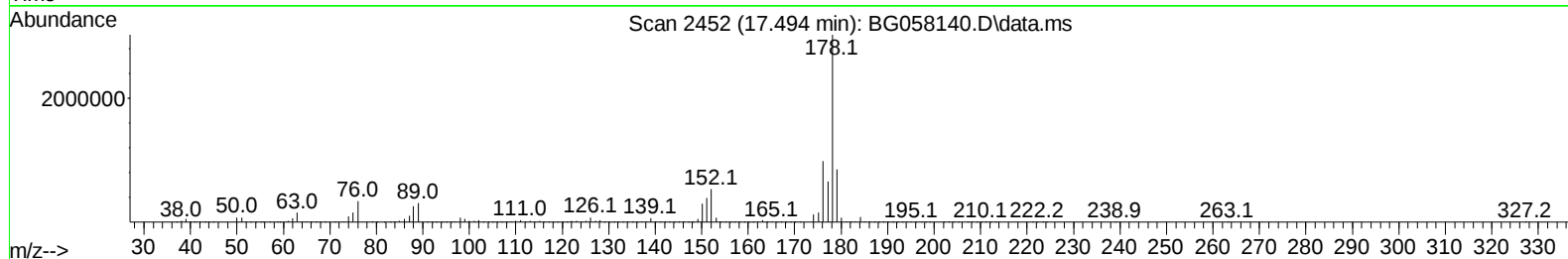
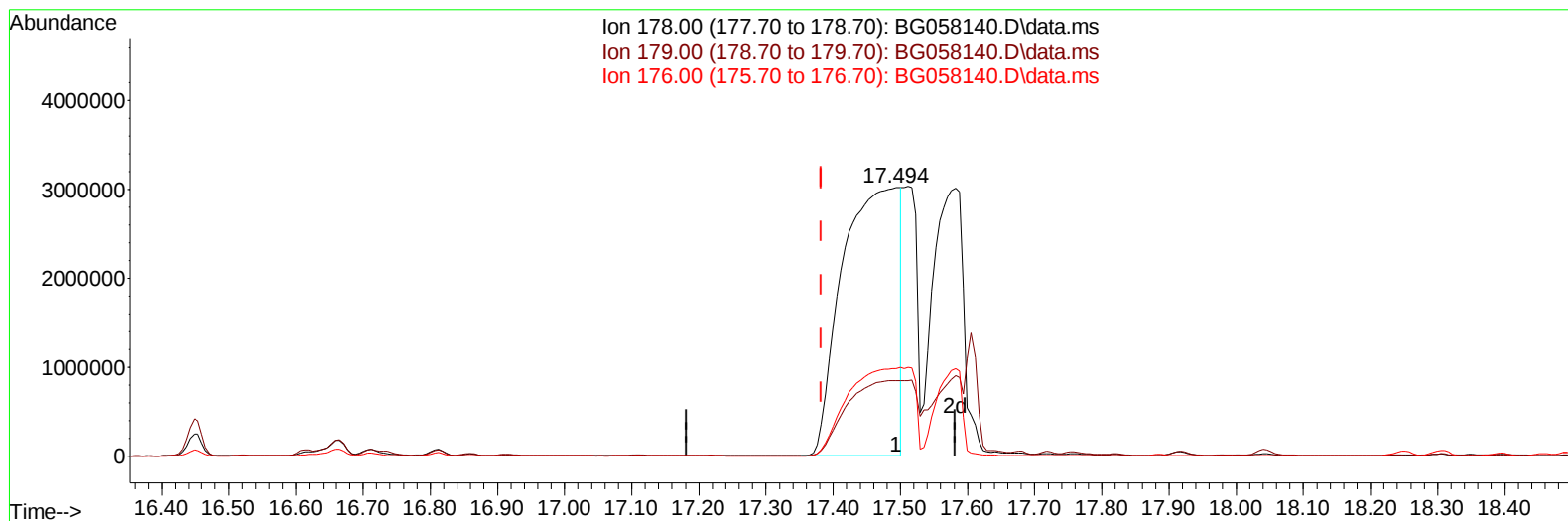
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:01:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(72) Phenanthrene

17.494min (+ 0.112) 834.61 ng/u1

response 17696580

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	28.11#
176.00	19.60	32.58#
0.00	0.00	0.00

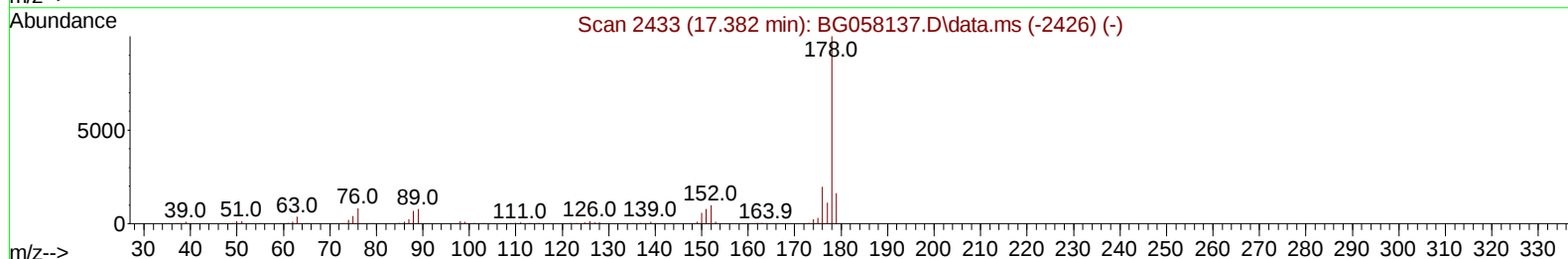
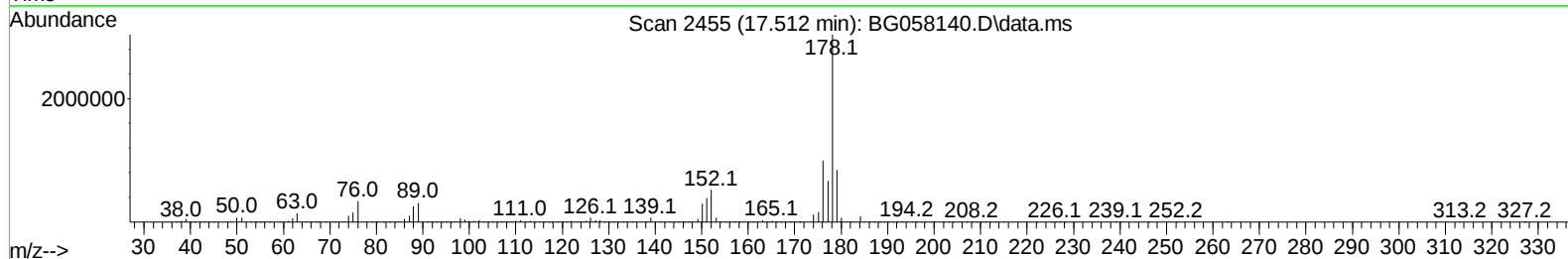
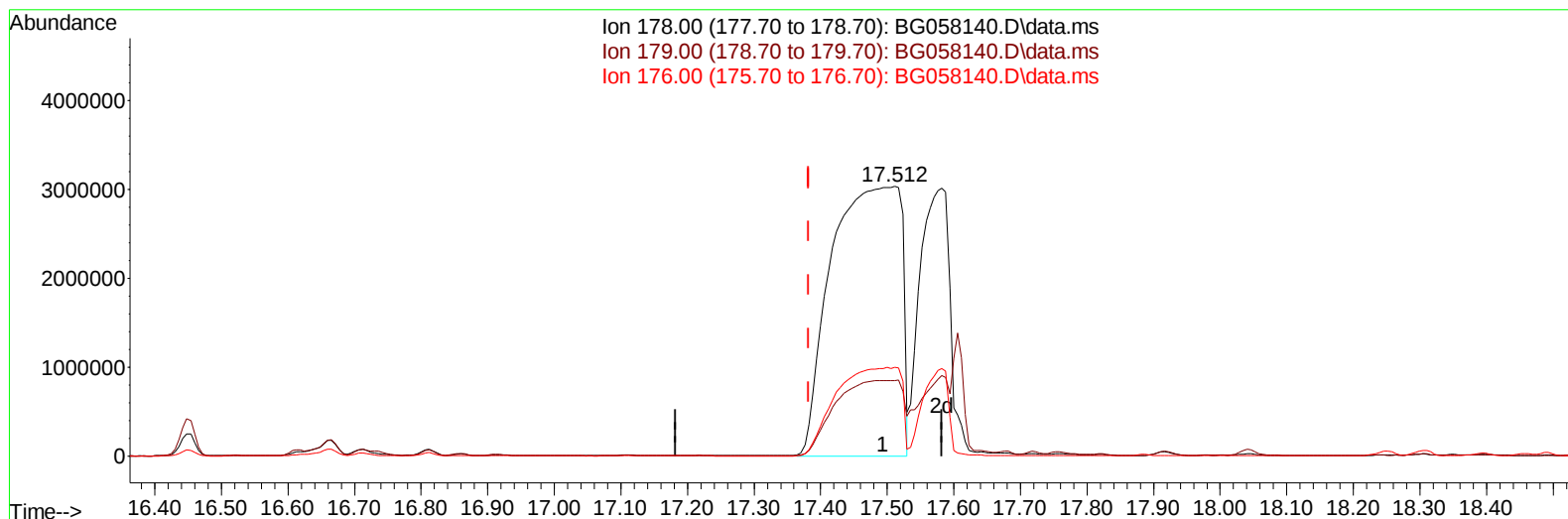
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:01:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(72) Phenanthrene

17.512min (+ 0.129) 1039.21 ng/ul m

response 22034895

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	27.95#
176.00	19.60	32.89#
0.00	0.00	0.00

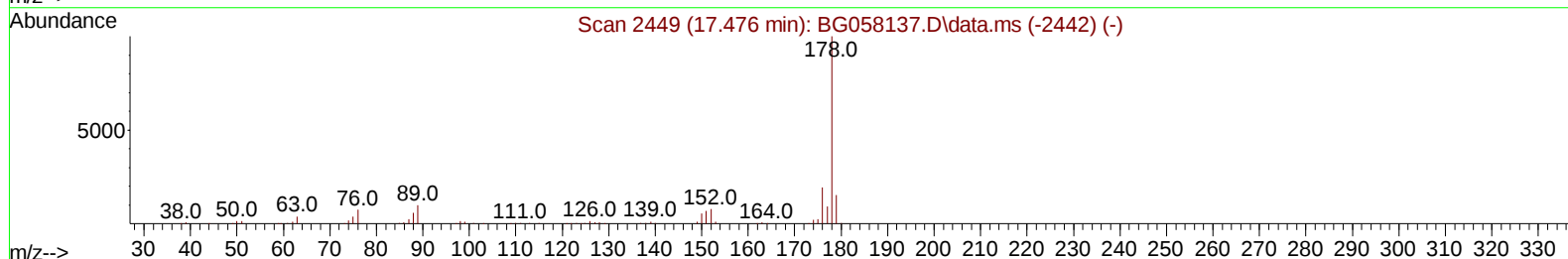
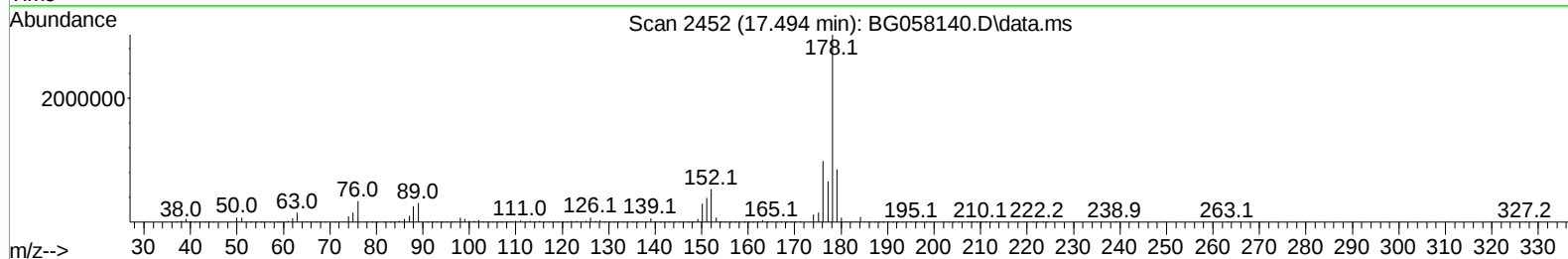
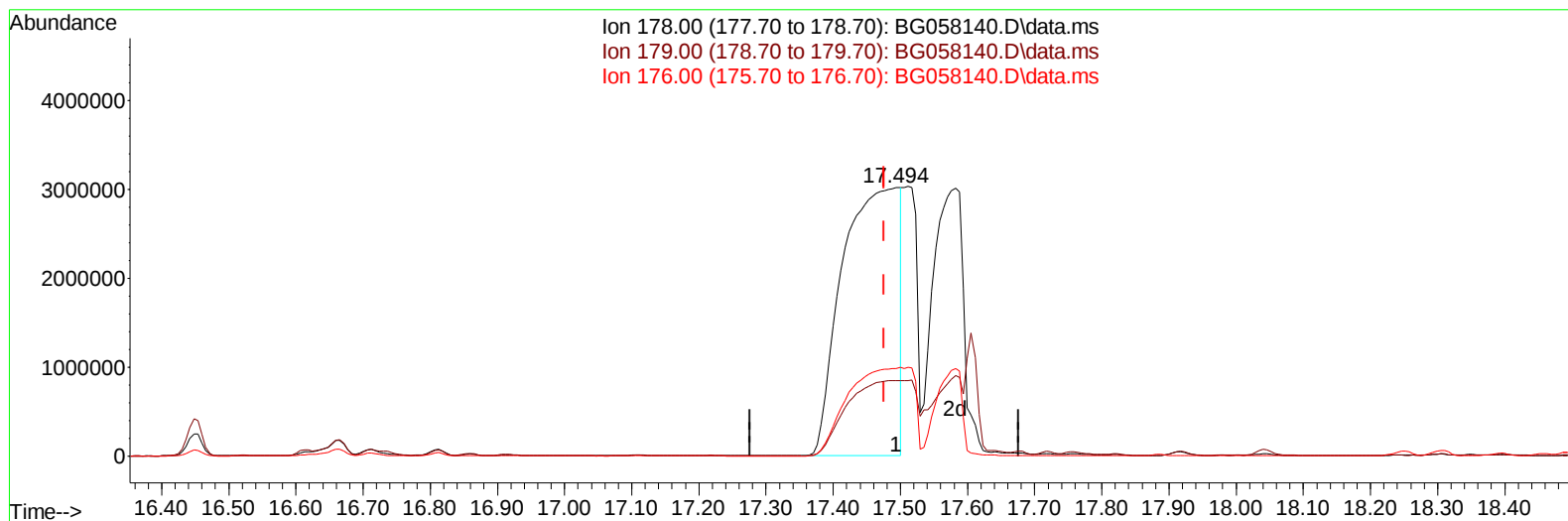
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:01:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(74) Anthracene

17.494min (+ 0.018) 824.75 ng/u1

response 17696580

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	28.11#
176.00	19.30	32.58#
0.00	0.00	0.00

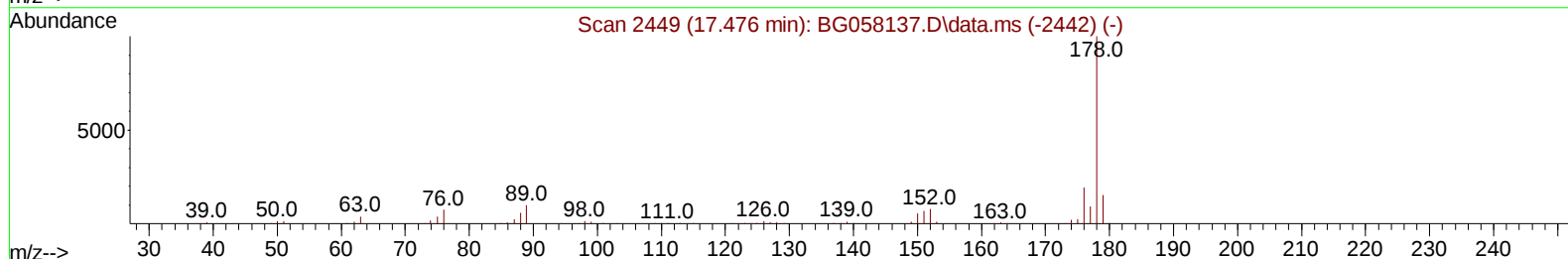
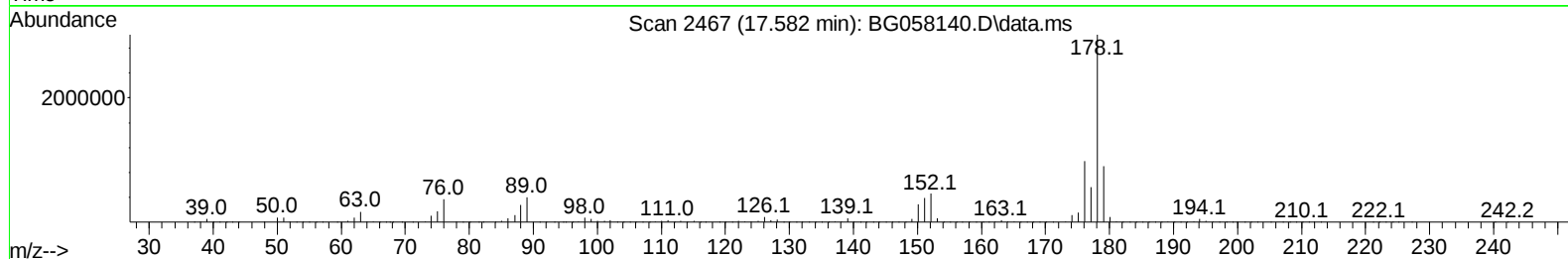
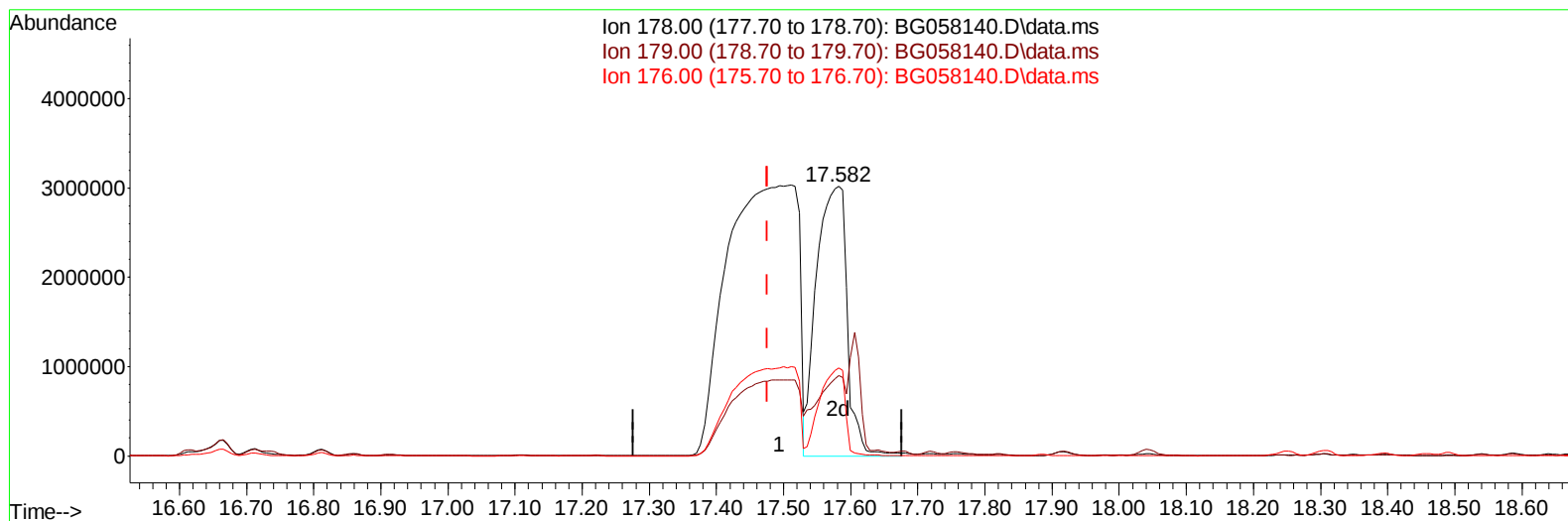
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:01:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(74) Anthracene

17.582min (+ 0.106) 445.13 ng/u1 m

response 9551239

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	29.91#
176.00	19.30	32.56#
0.00	0.00	0.00

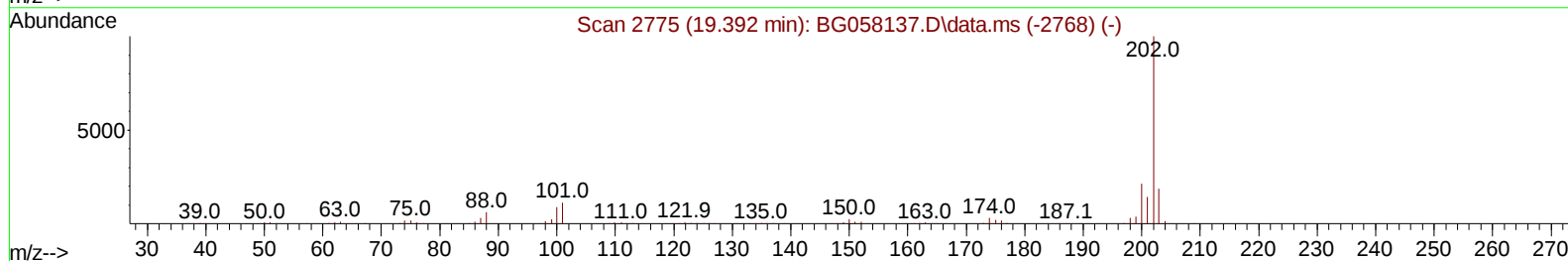
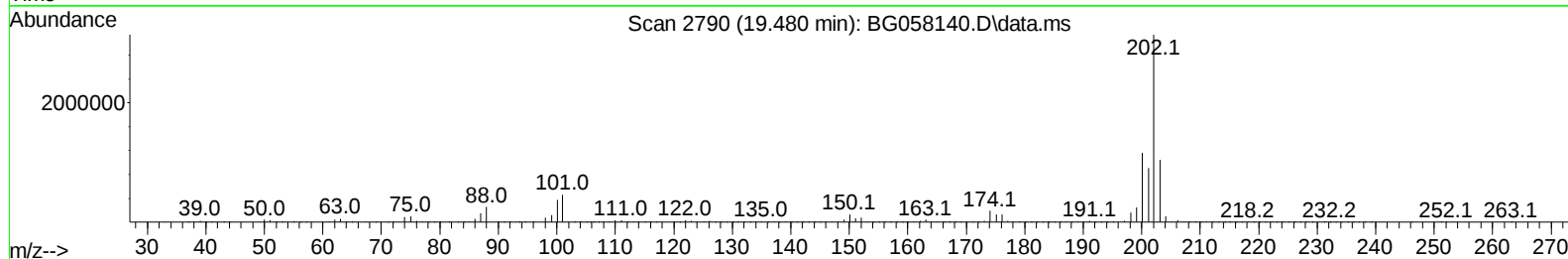
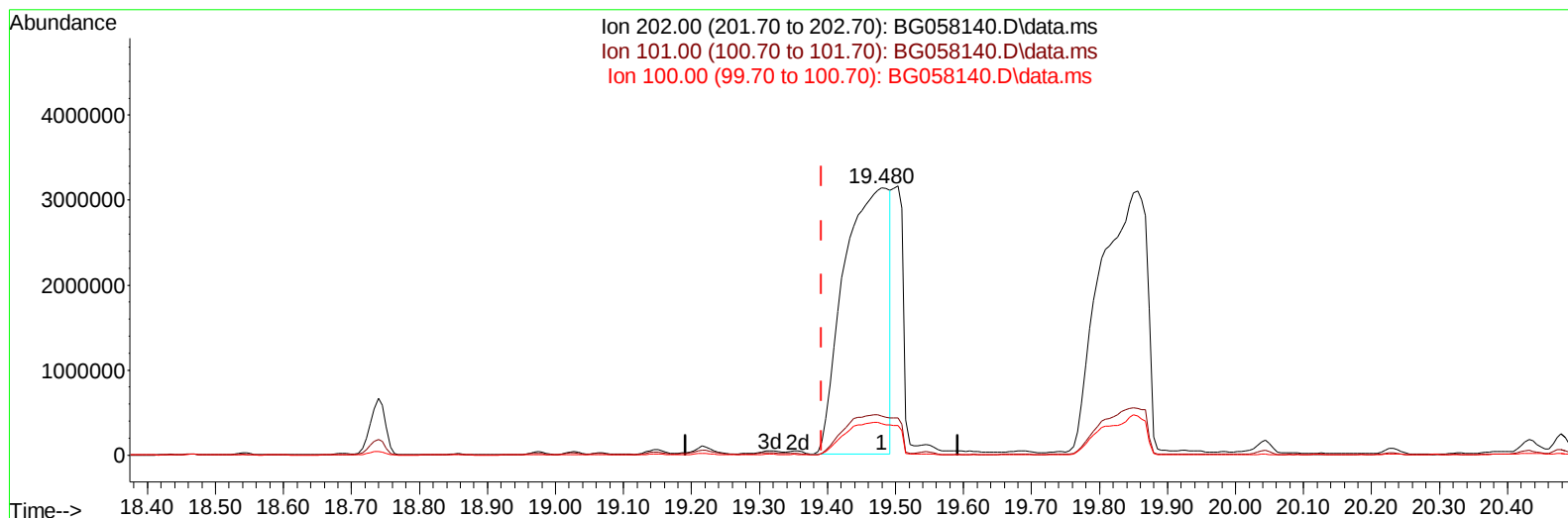
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:02:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(80) Fluoranthene

19.480min (+ 0.088) 632.58 ng/u1

response 14494427

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	14.66#
100.00	8.90	11.84#
0.00	0.00	0.00

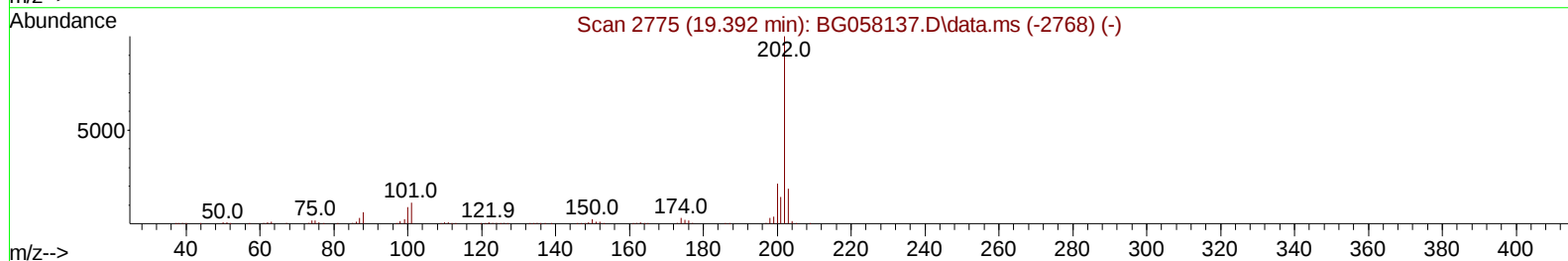
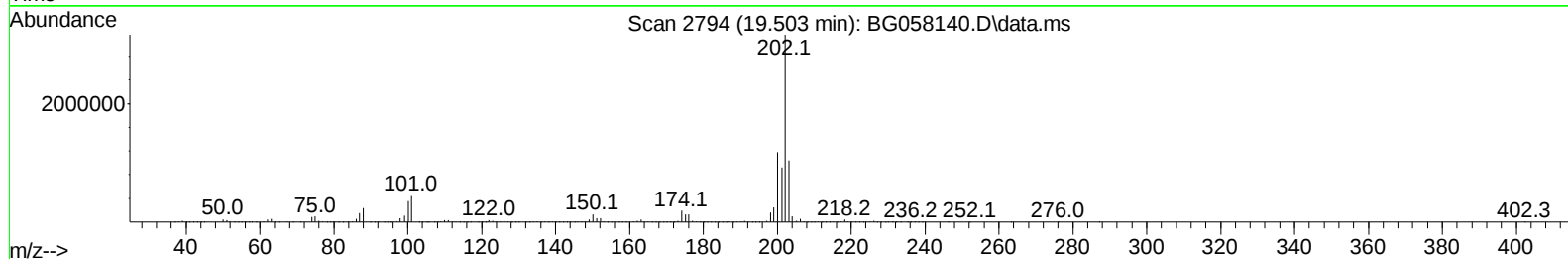
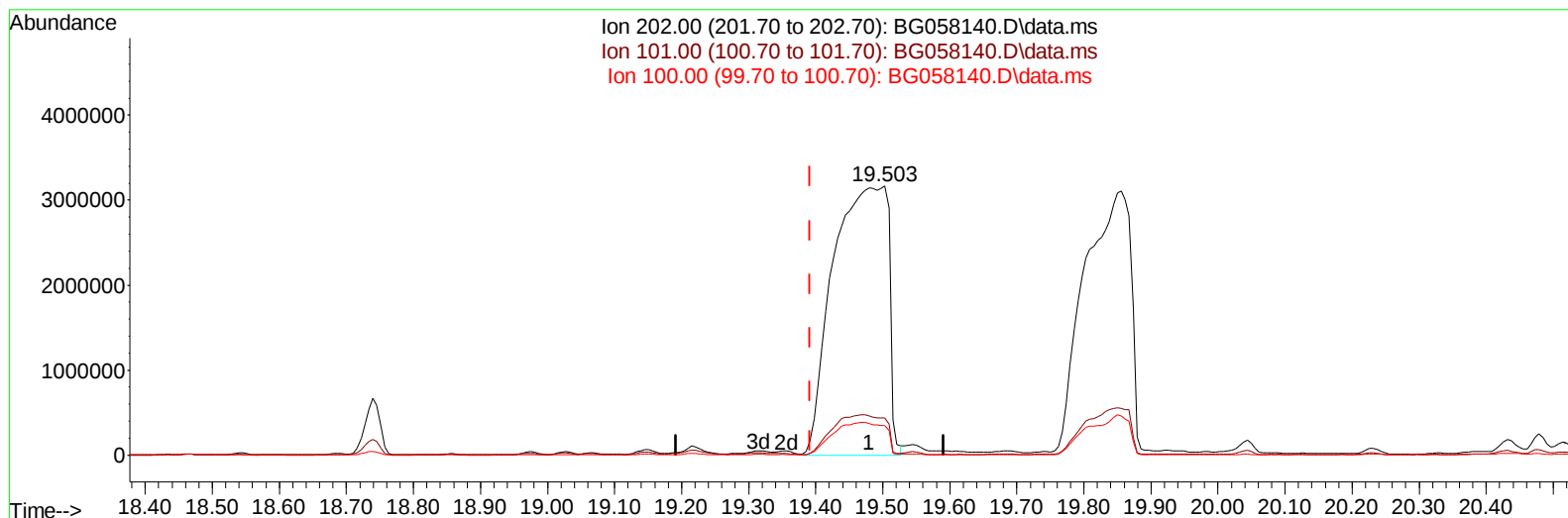
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:02:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(80) Fluoranthene

19.503min (+ 0.112) 787.51 ng/ul m

response 18044375

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	13.91#
100.00	8.90	11.11#
0.00	0.00	0.00

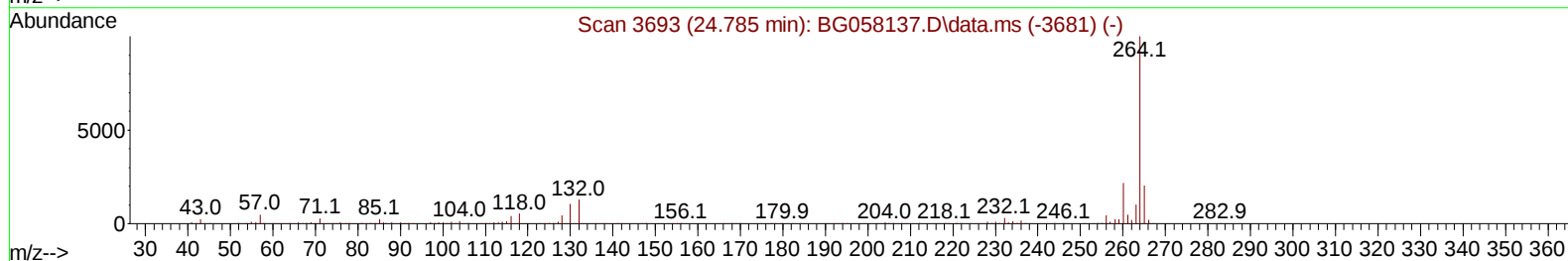
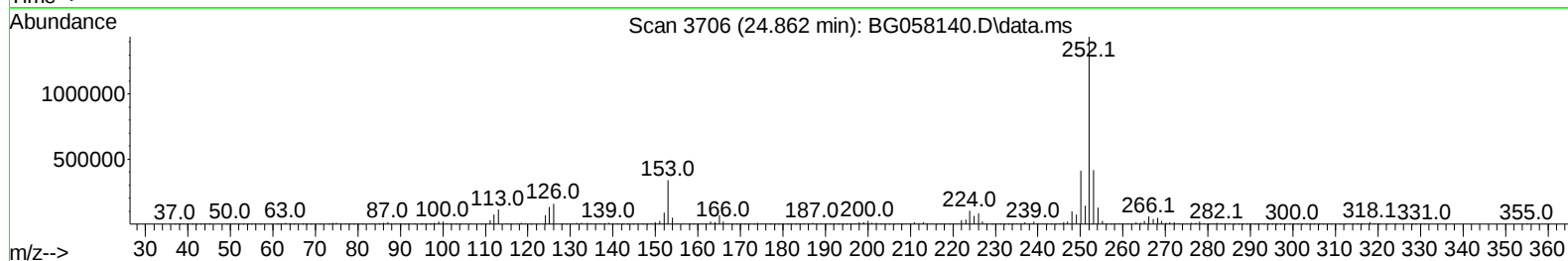
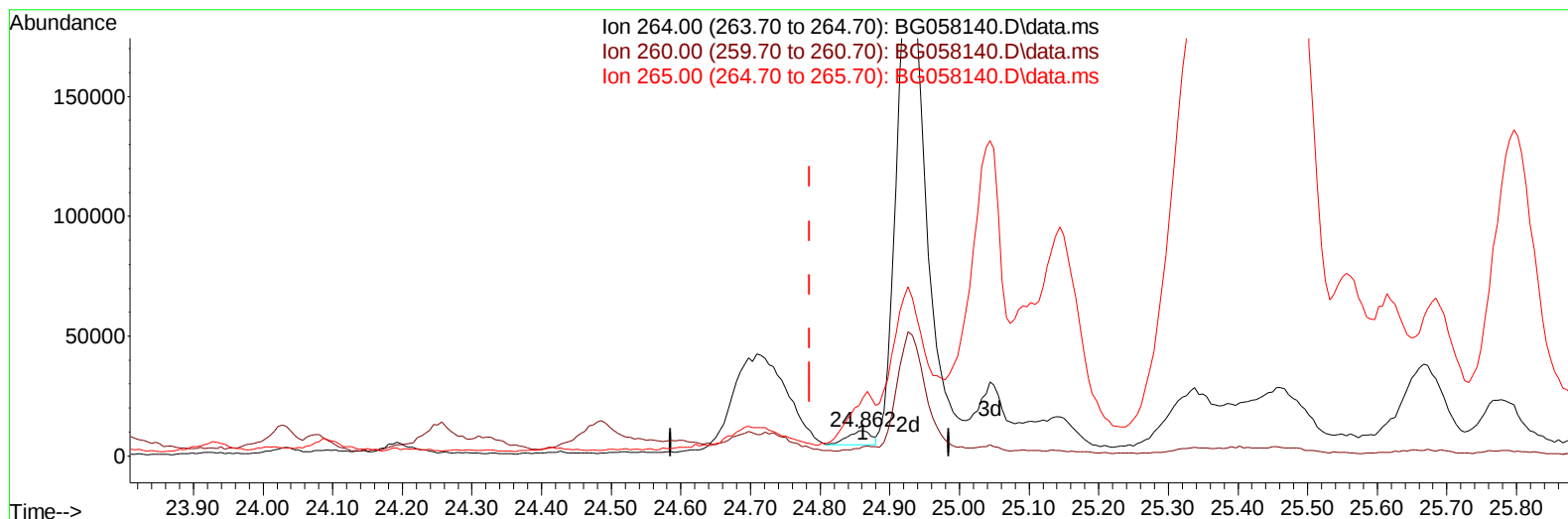
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:02:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(88) Perylene-d12 (I)

24.862min (+ 0.076) 20.00 ng/u1

response 13831

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.50	36.88#
265.00	21.00	232.07#
0.00	0.00	0.00

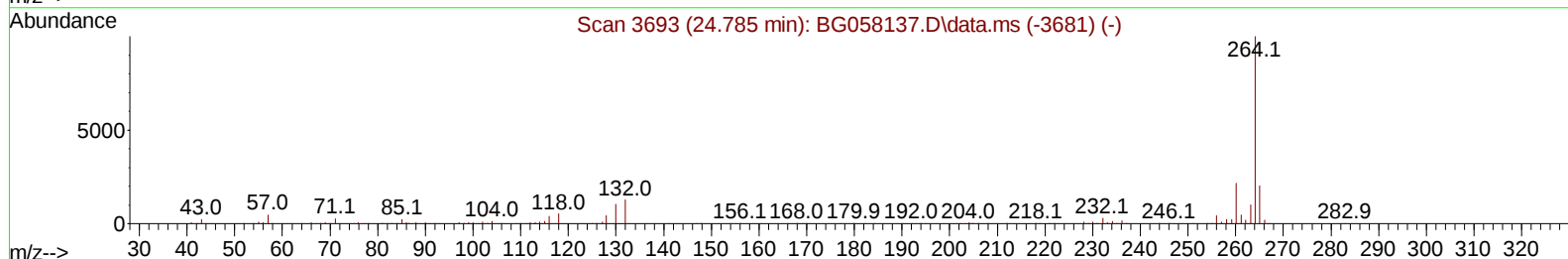
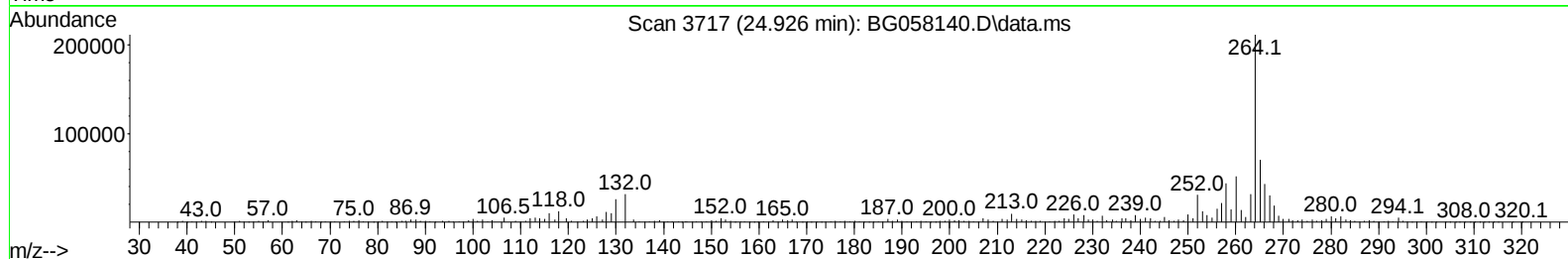
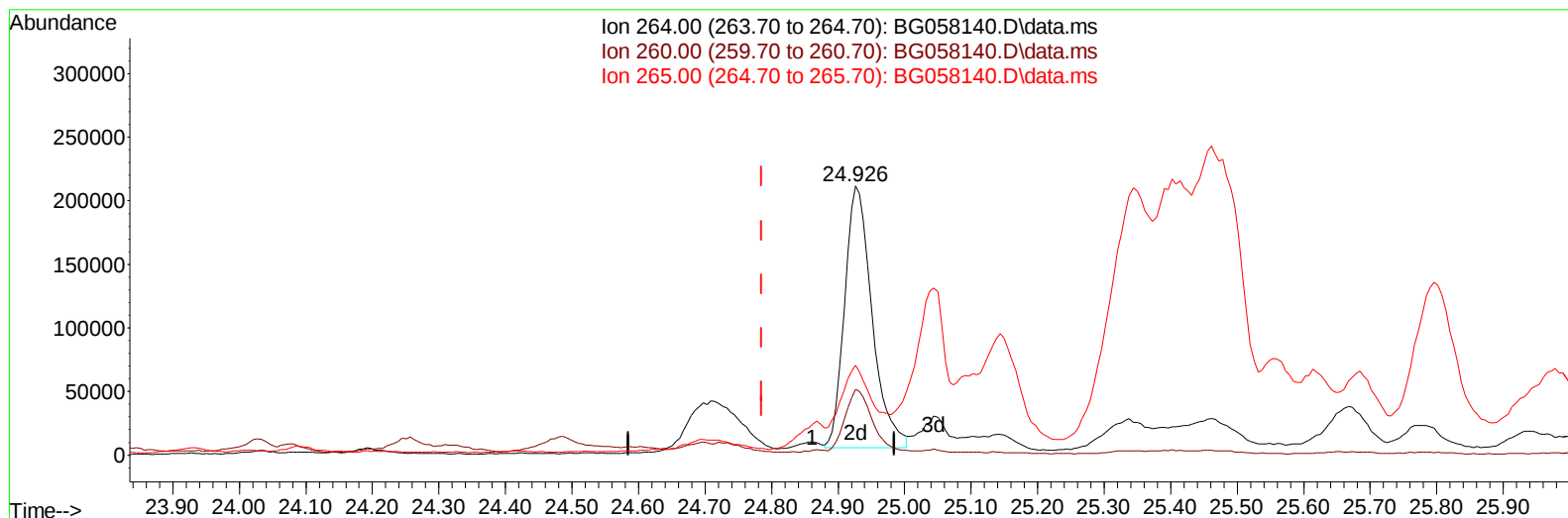
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:02:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(88) Perylene-d12 (I)

24.926min (+ 0.141) 20.00 ng/ul m

response 590930

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.50	24.52
265.00	21.00	33.42#
0.00	0.00	0.00

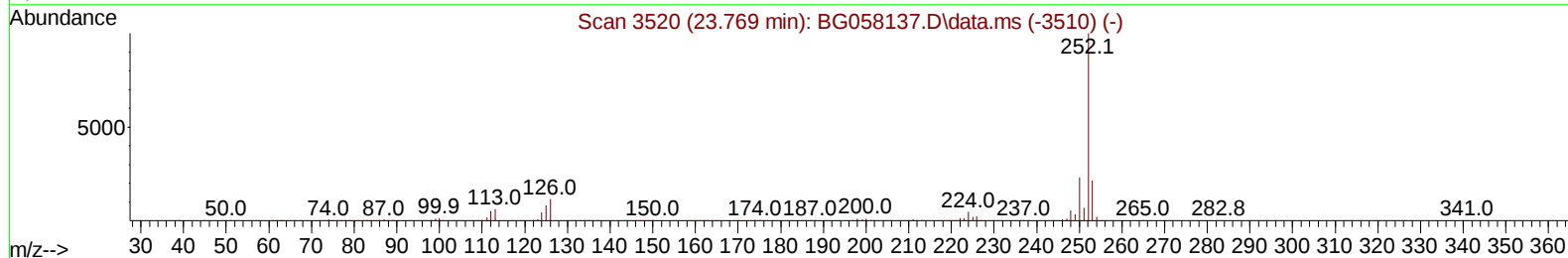
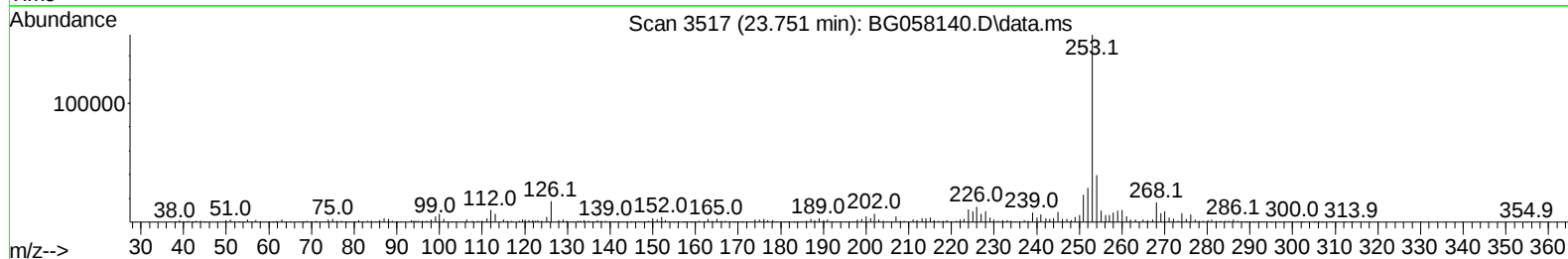
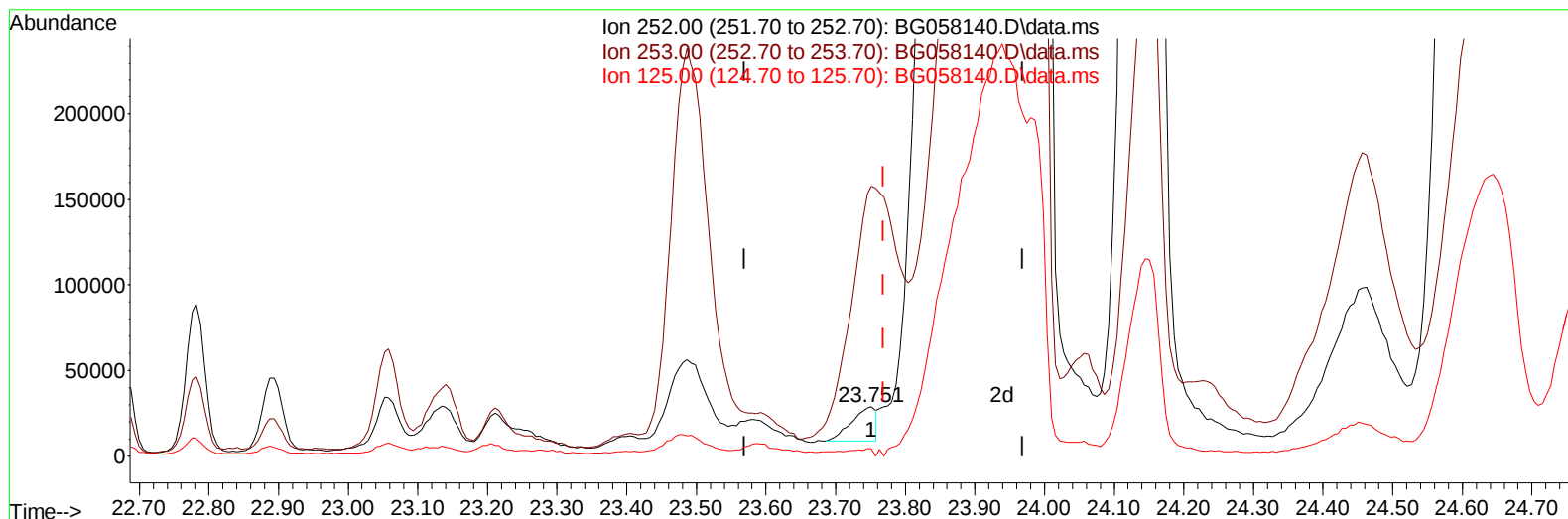
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:03:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(90) Benzo(b)fluoranthene

23.751min (-0.018) 1.32 ng/u1

response 48387

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	547.03#
125.00	9.40	15.41#
0.00	0.00	0.00

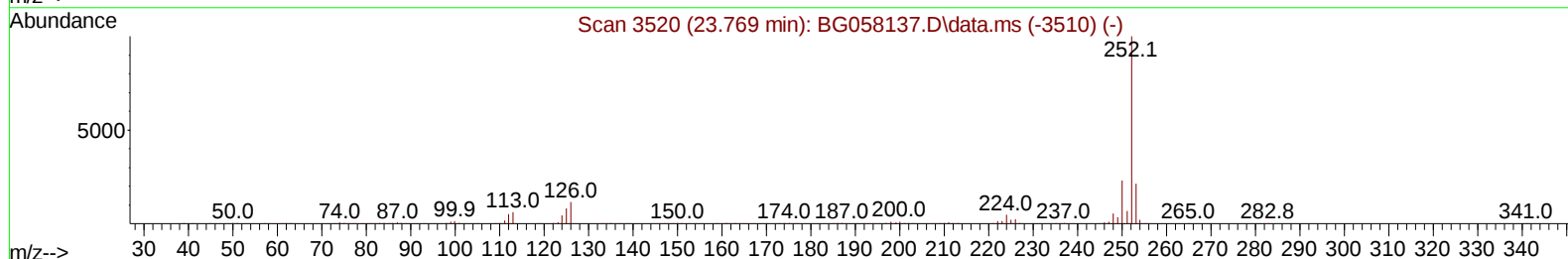
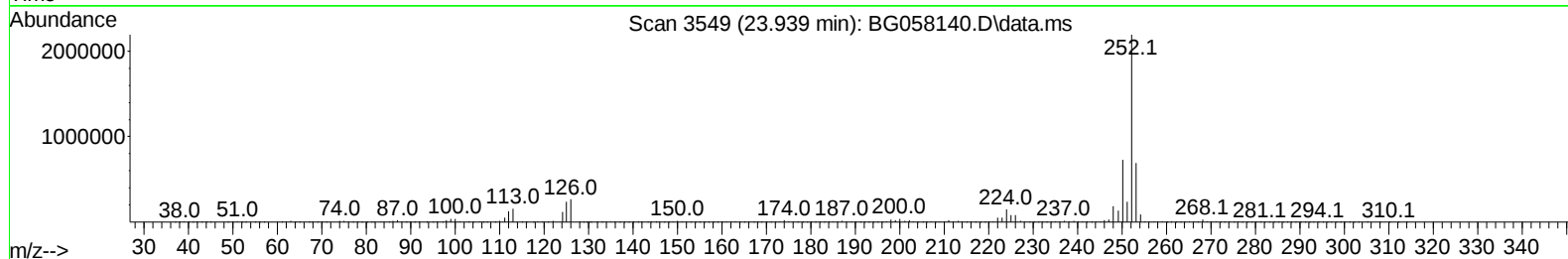
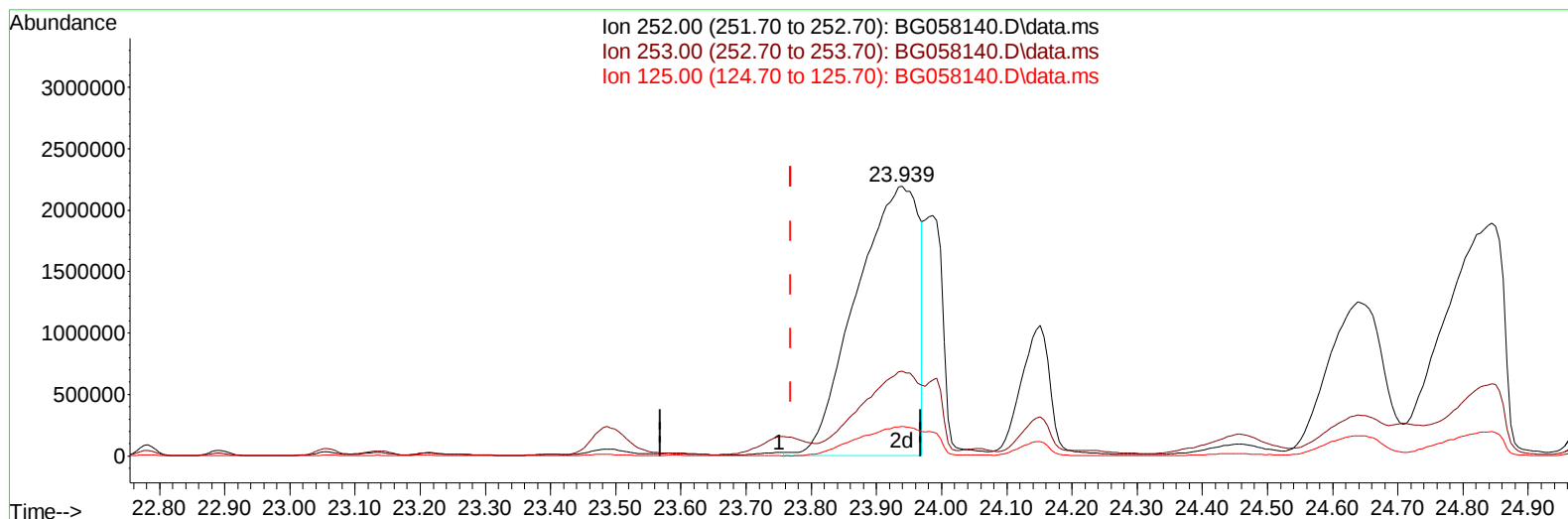
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:03:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(90) Benzo(b)fluoranthene

23.939min (+ 0.170) 397.52 ng/ul m

response 14544975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	31.41#
125.00	9.40	11.01
0.00	0.00	0.00

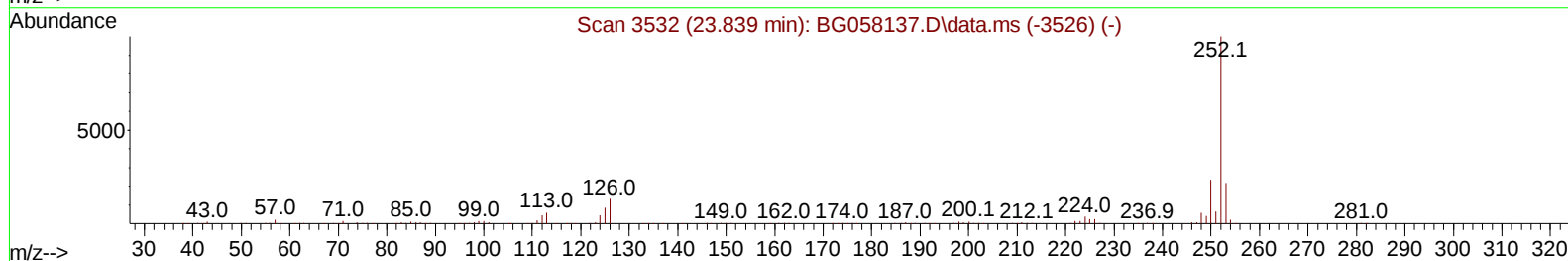
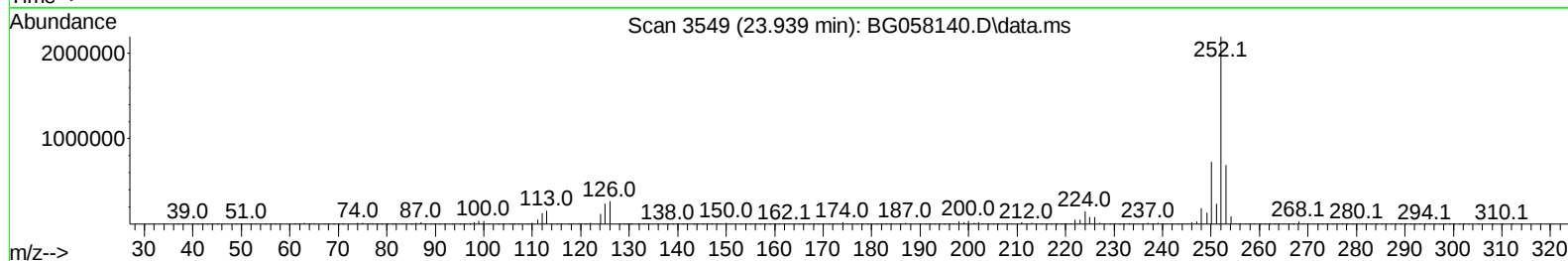
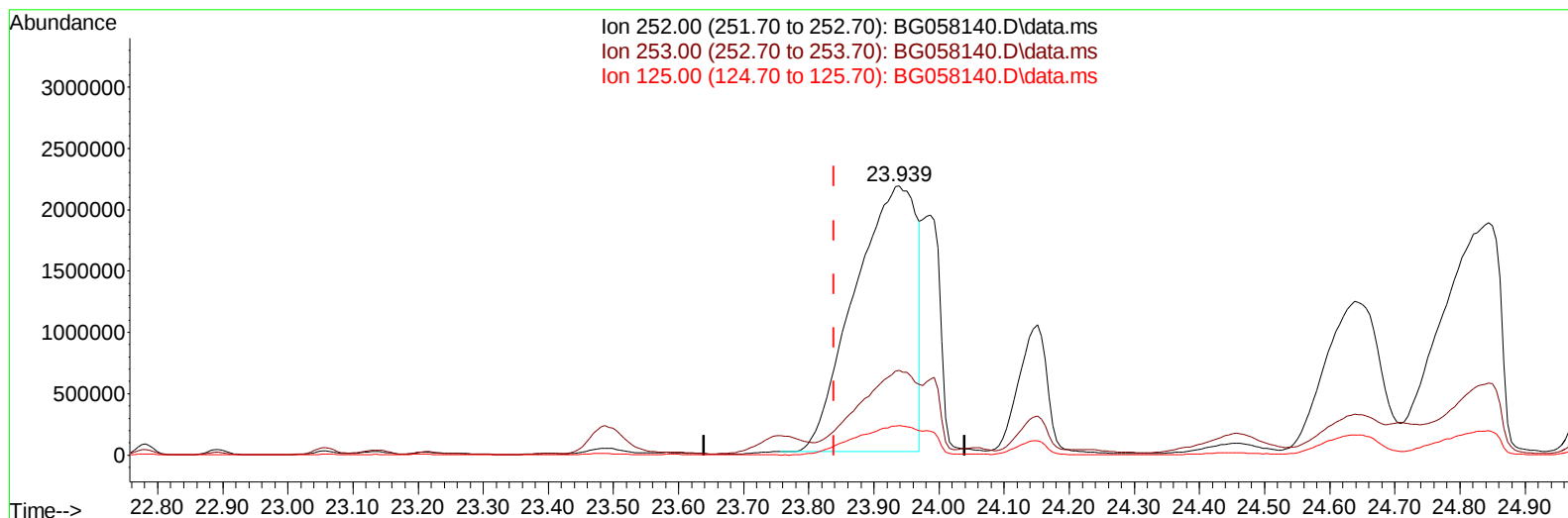
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(91) Benzo(k)fluoranthene

23.939min (+ 0.100) 396.85 ng/u1

response 14232395

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	31.41#
125.00	9.30	11.01
0.00	0.00	0.00

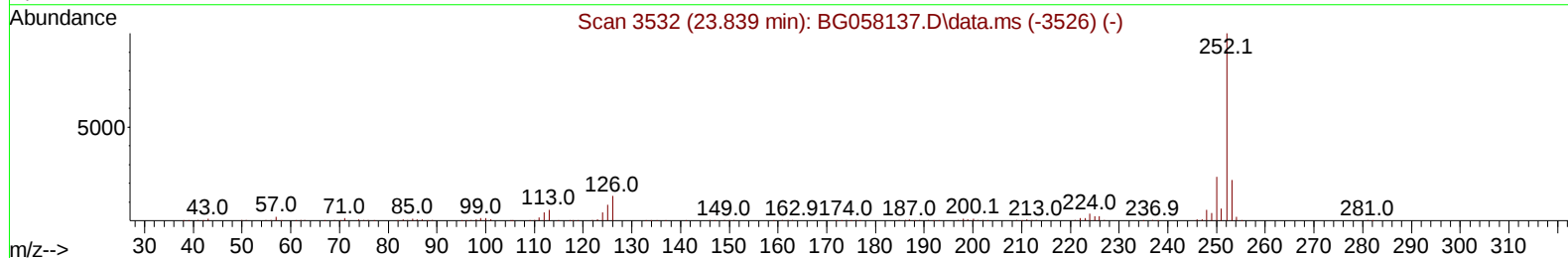
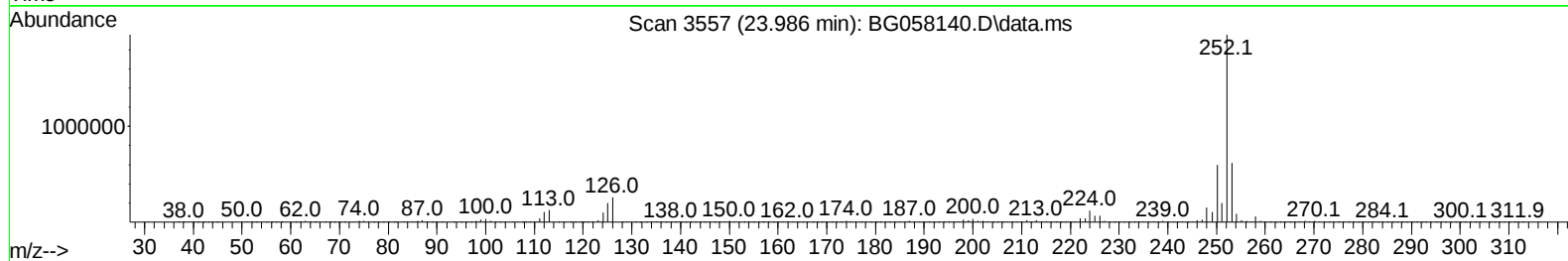
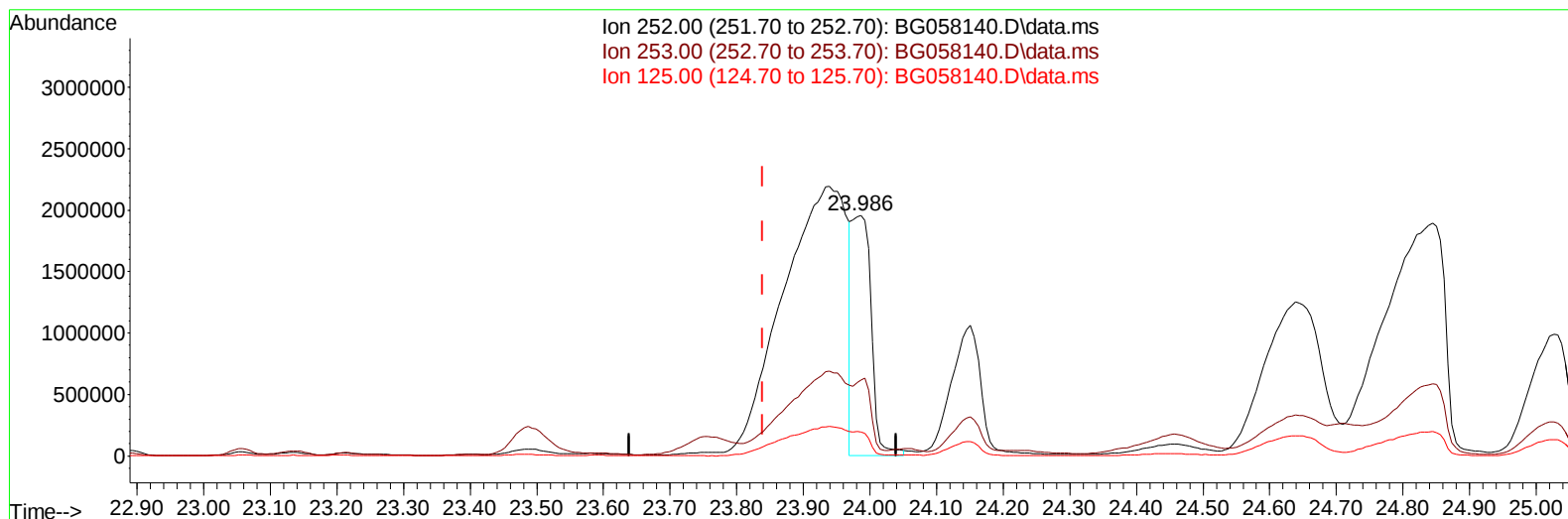
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(91) Benzo(k)fluoranthene

23.986min (+ 0.147) 108.73 ng/u1 m

response 3899384

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	31.47#
125.00	9.30	10.03
0.00	0.00	0.00

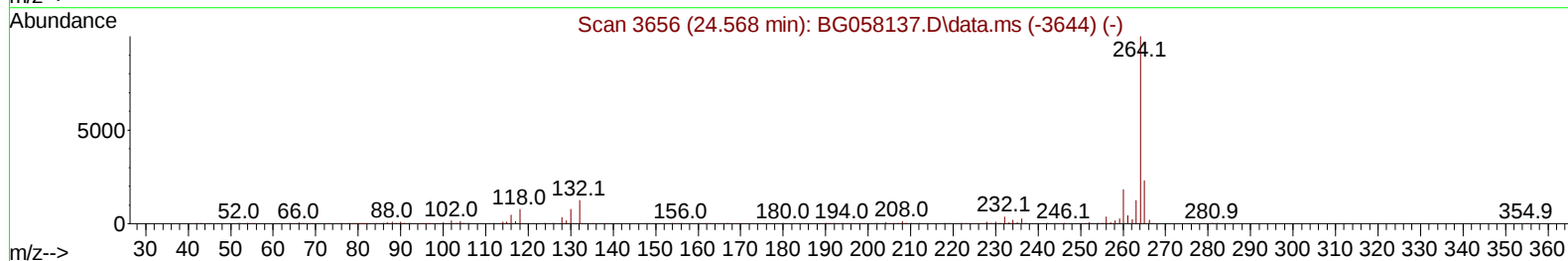
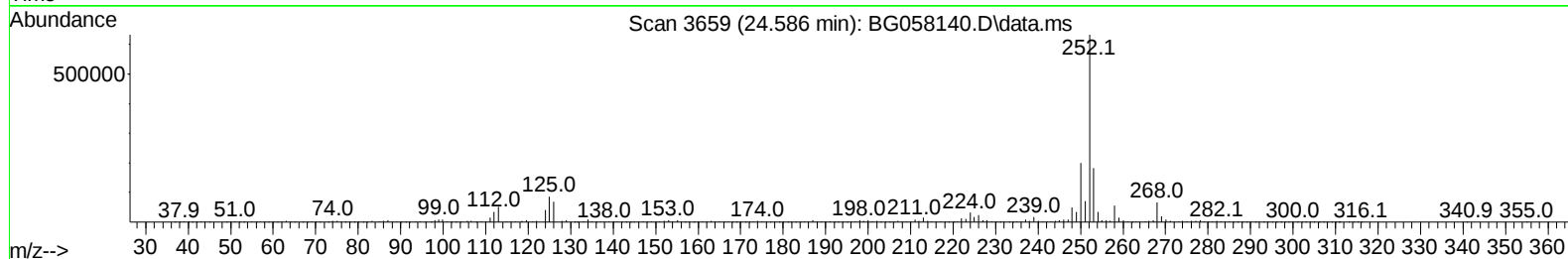
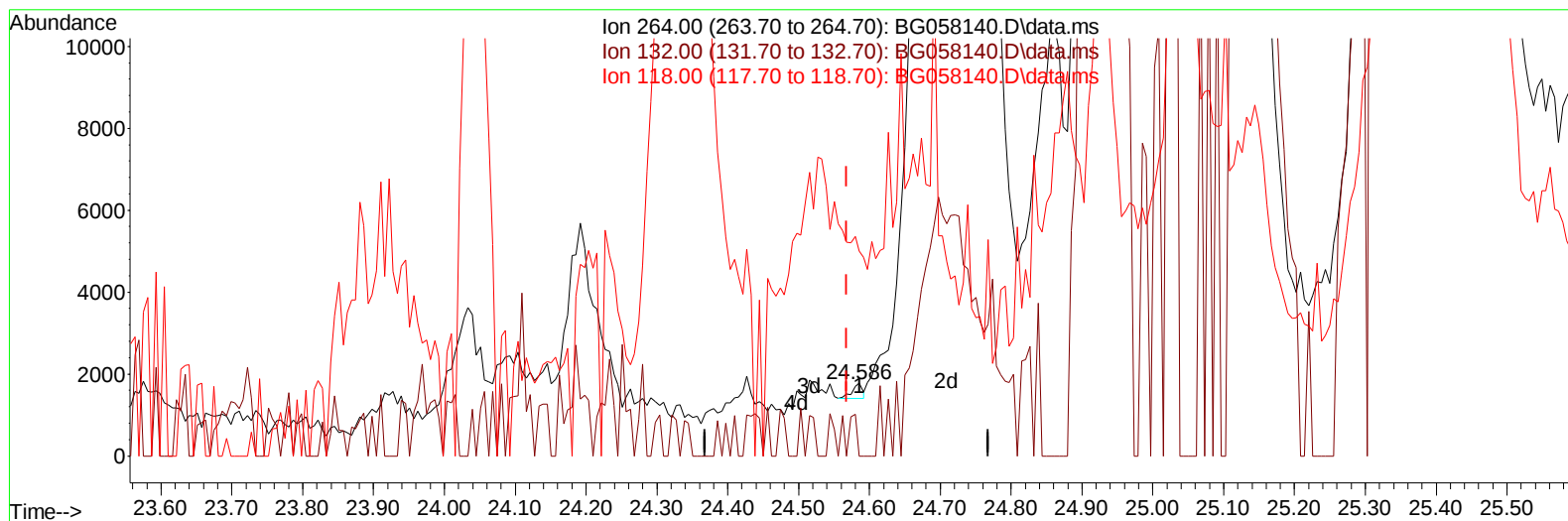
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:04:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

24.586min (+ 0.018) 0.01 ng/u1

response 365

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	13.50	0.00#
118.00	8.90	281.70#
0.00	0.00	0.00

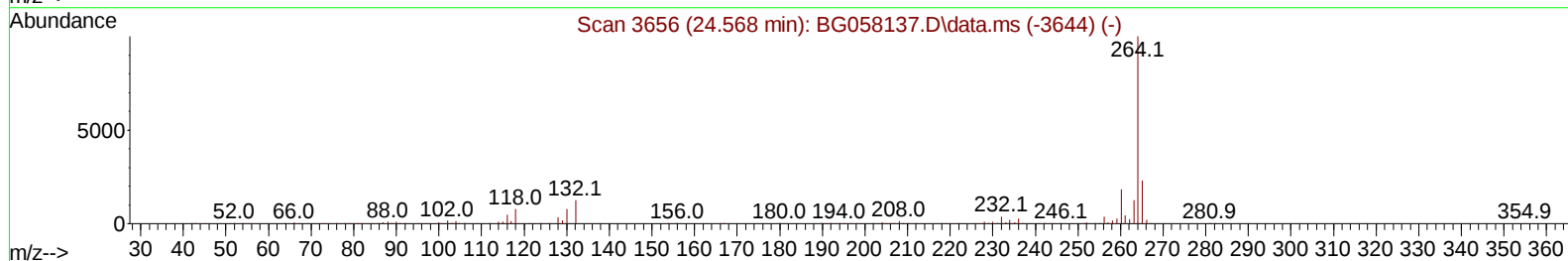
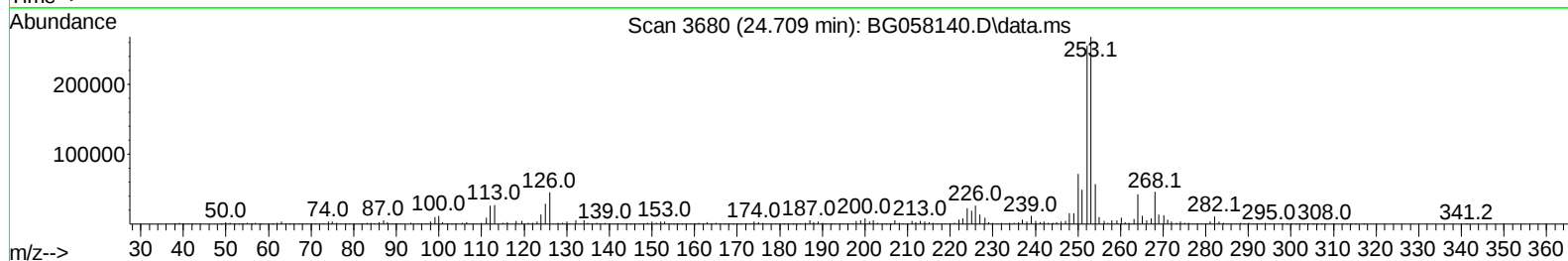
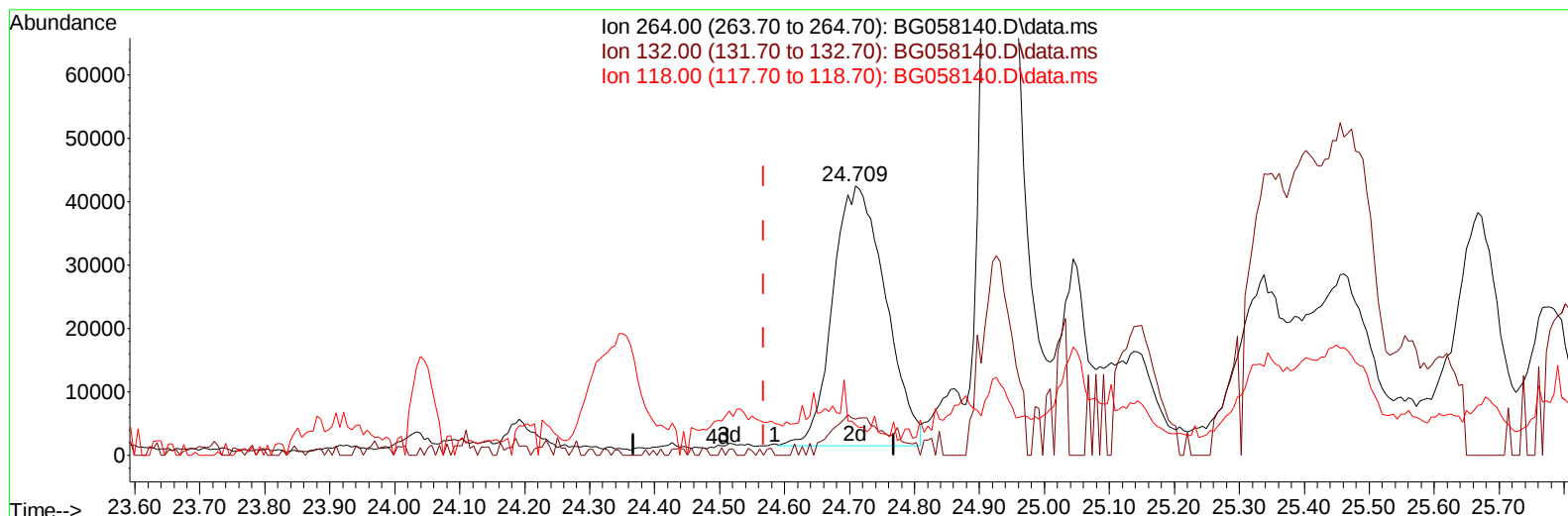
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:04:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

24.709min (+ 0.141) 7.69 ng/ul m

response 231425

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	13.50	13.34
118.00	8.90	11.15#
0.00	0.00	0.00

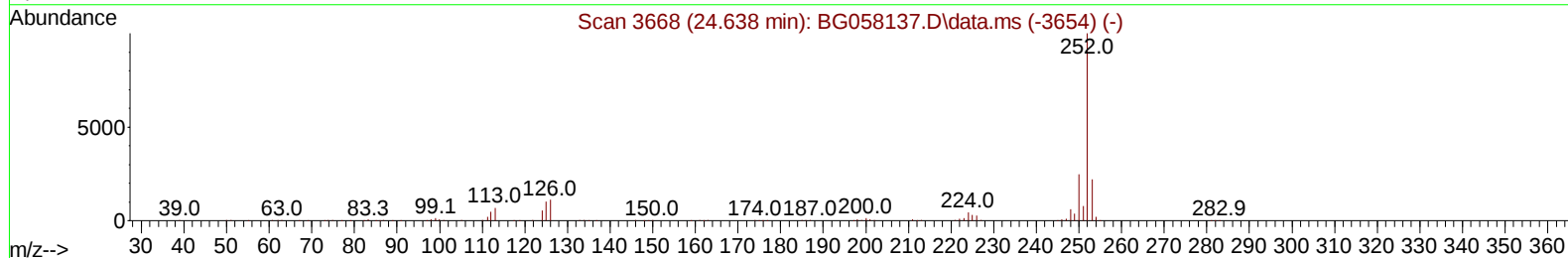
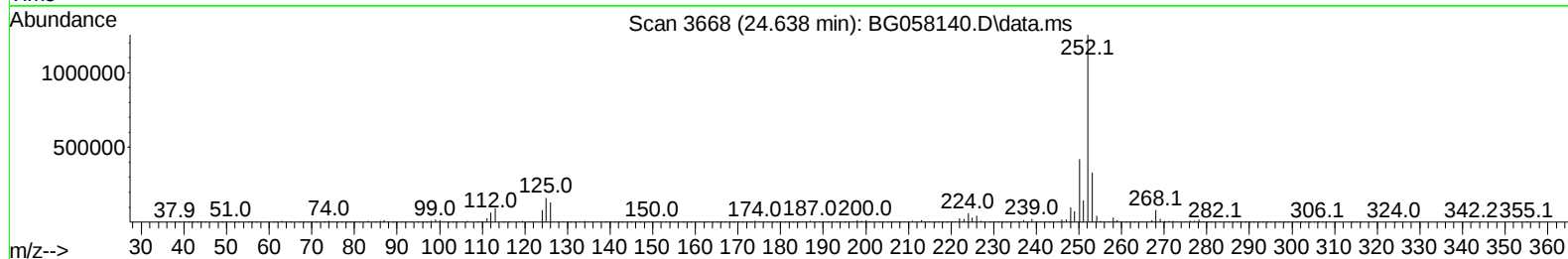
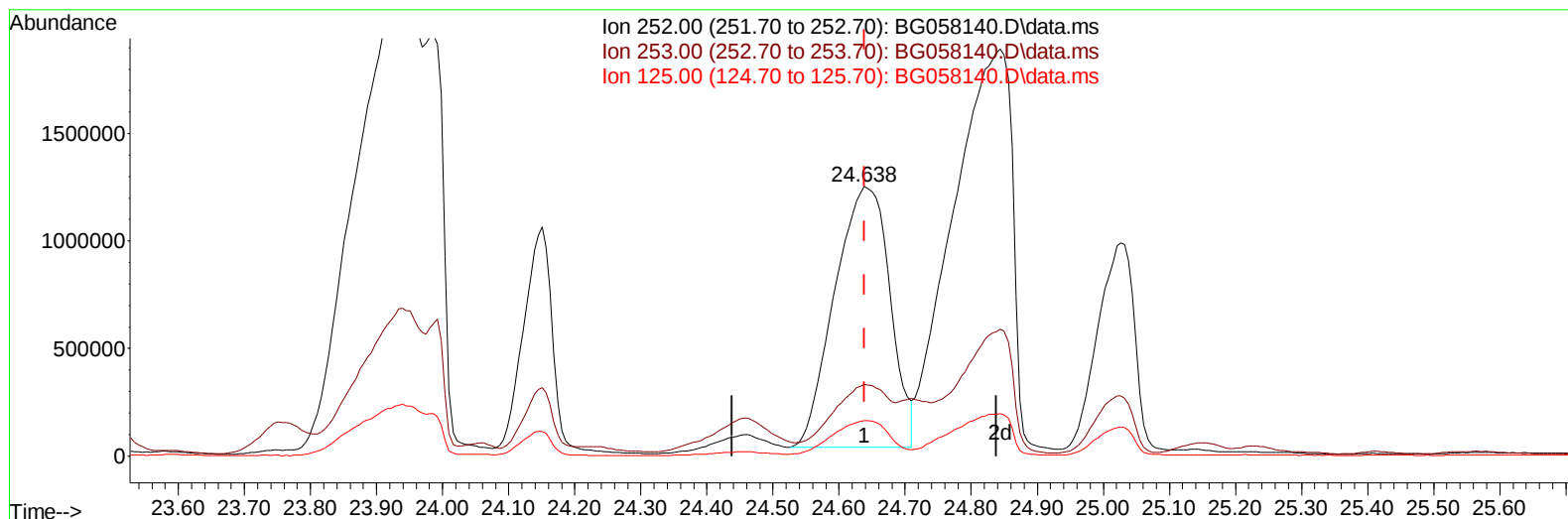
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:05:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(93) Benzo(a)pyrene (C)

24.638min (0.000) 217.38 ng/u1

response 7039837

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	26.55
125.00	10.40	13.05#
0.00	0.00	0.00

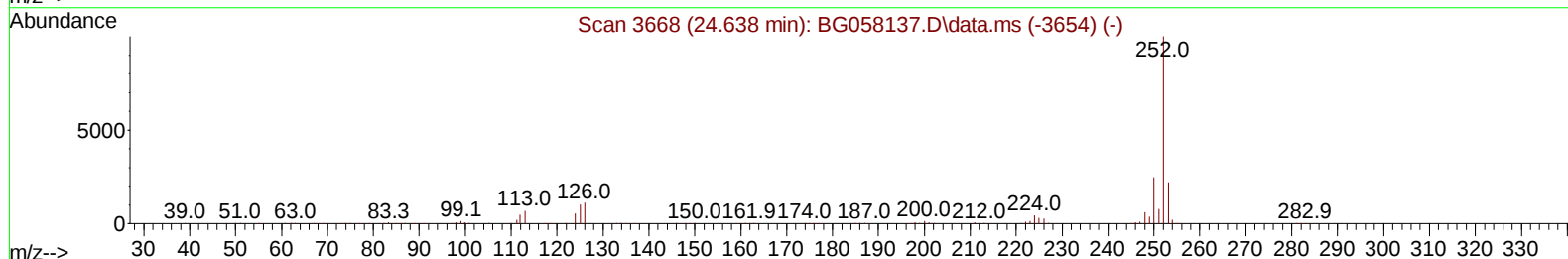
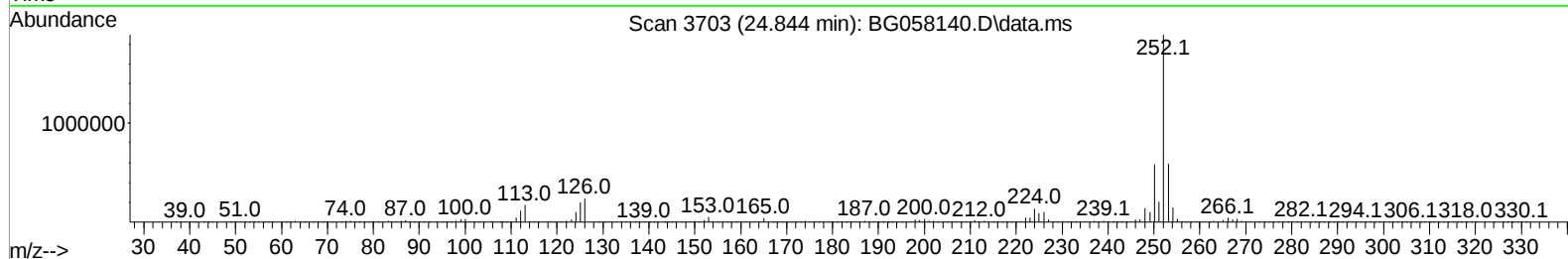
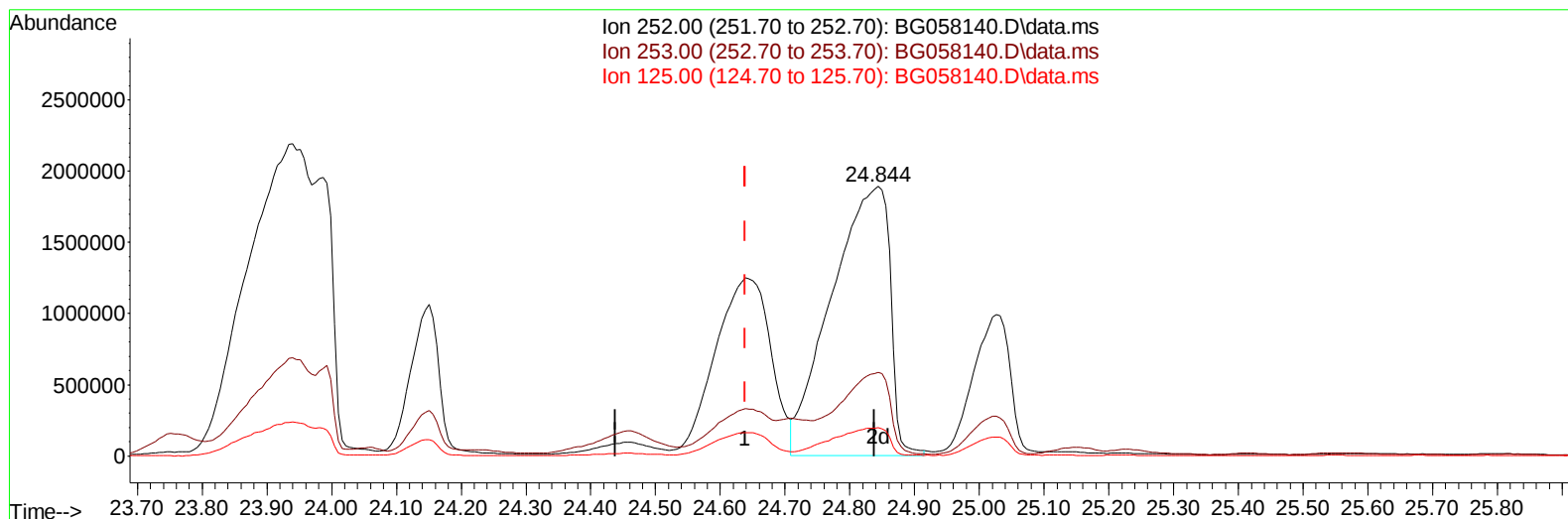
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:05:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(93) Benzo(a)pyrene (C)

24.844min (+ 0.206) 366.03 ng/u1 m

response 11853808

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	31.14#
125.00	10.40	10.47
0.00	0.00	0.00

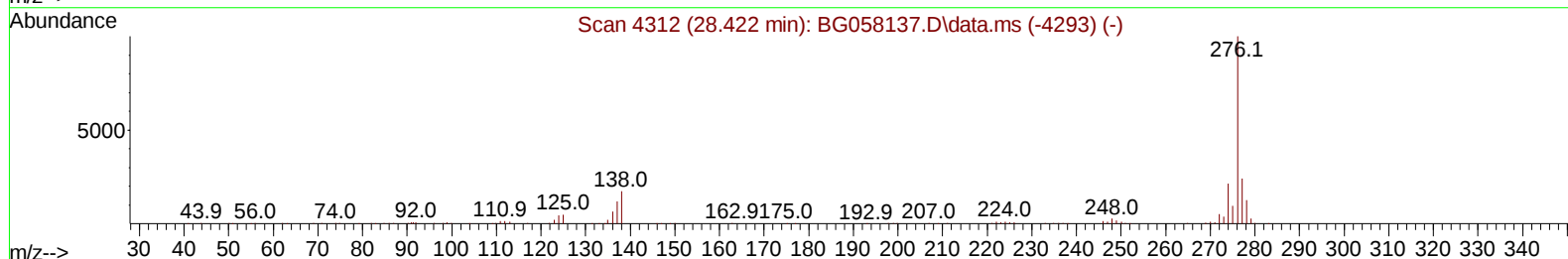
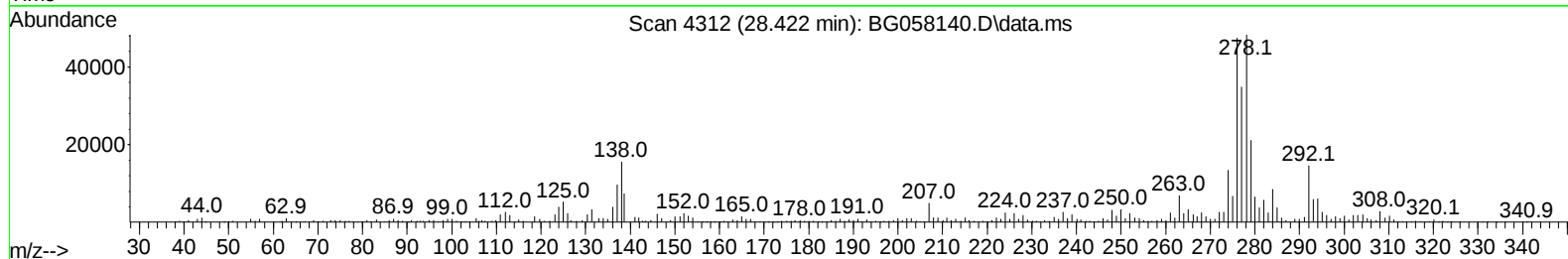
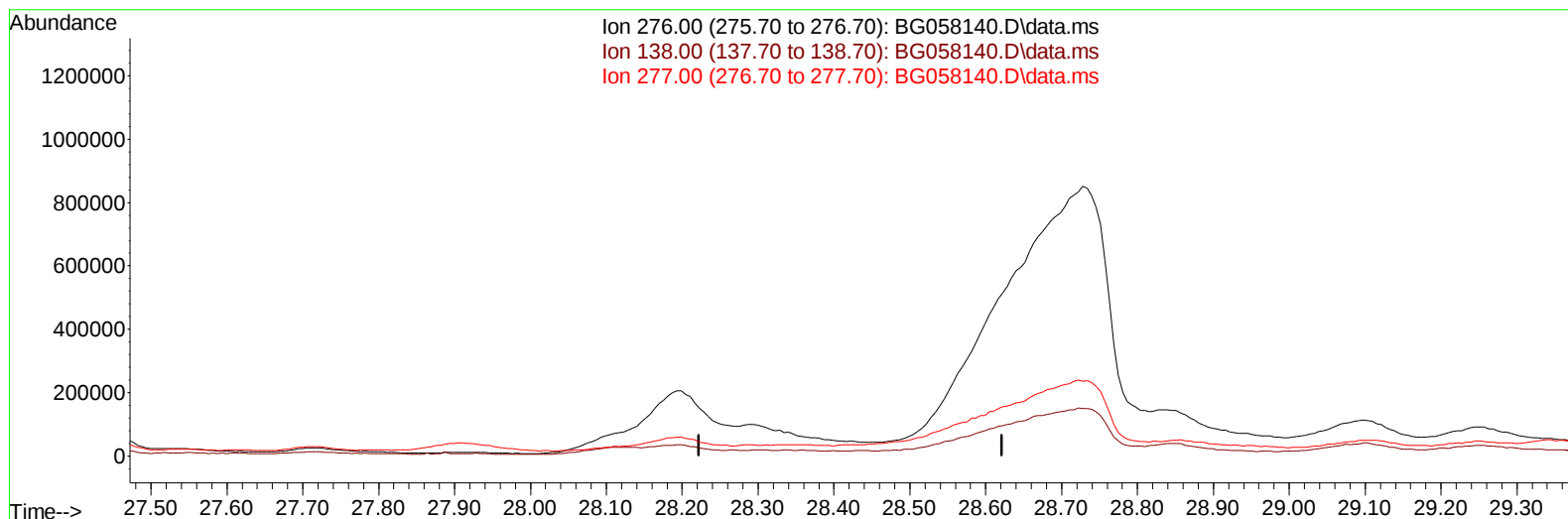
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:05:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

28.422min (-28.422) 0.00 ng/u1

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	17.50	0.00#
277.00	24.30	0.00#
0.00	0.00	0.00

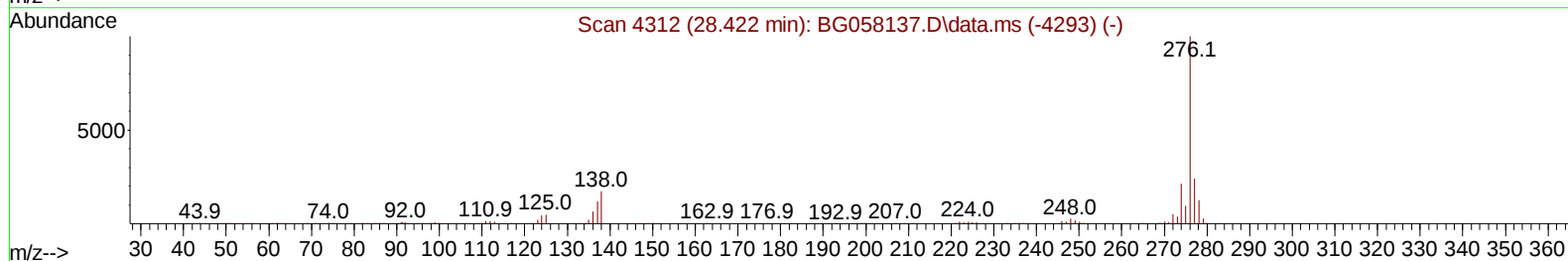
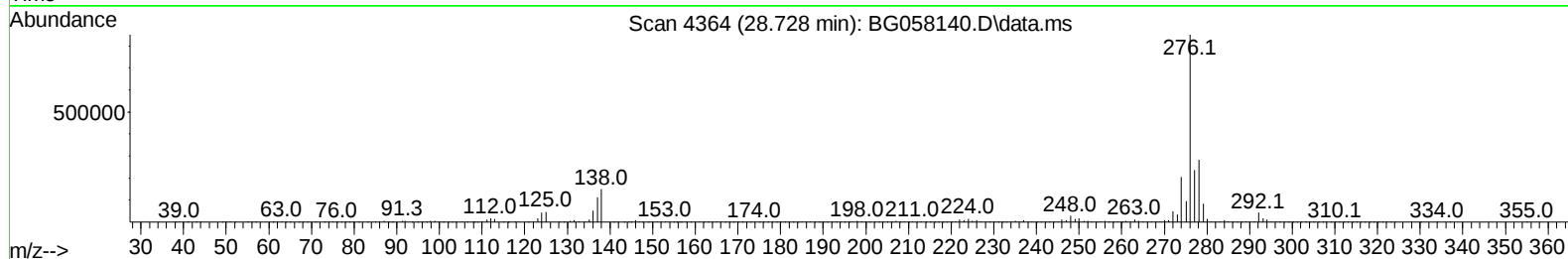
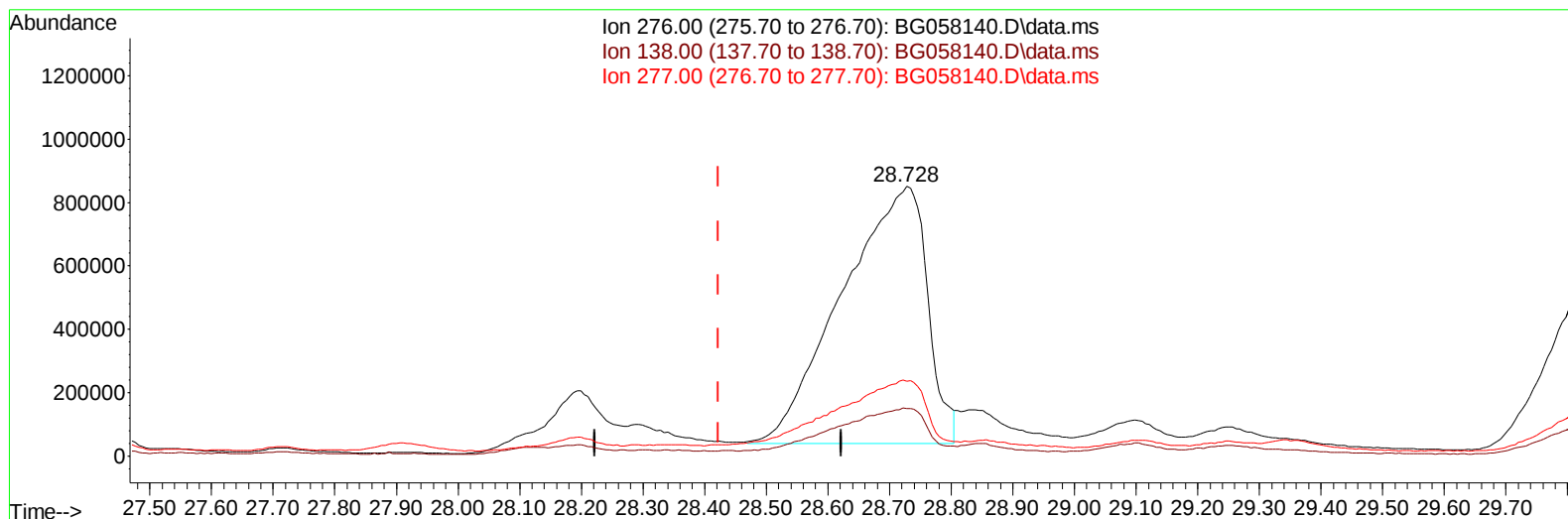
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:05:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

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

28.728min (+ 0.306) 181.47 ng/u1 m

response 7803822

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	17.59
277.00	24.30	27.79
0.00	0.00	0.00

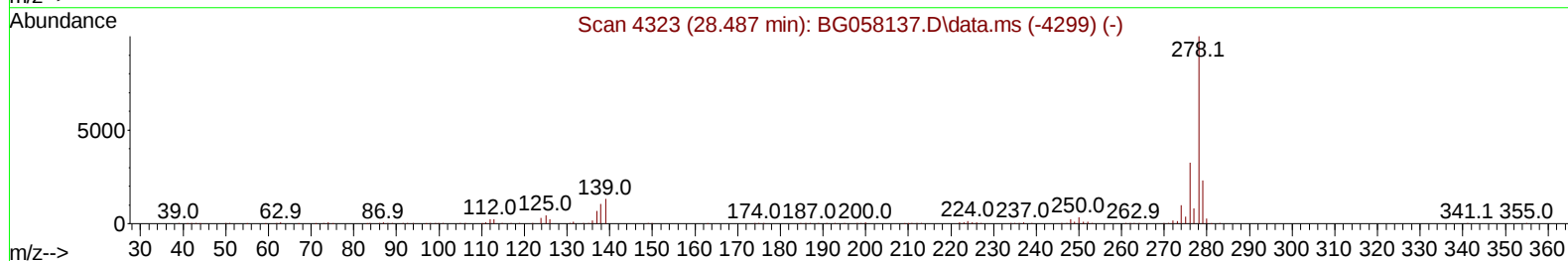
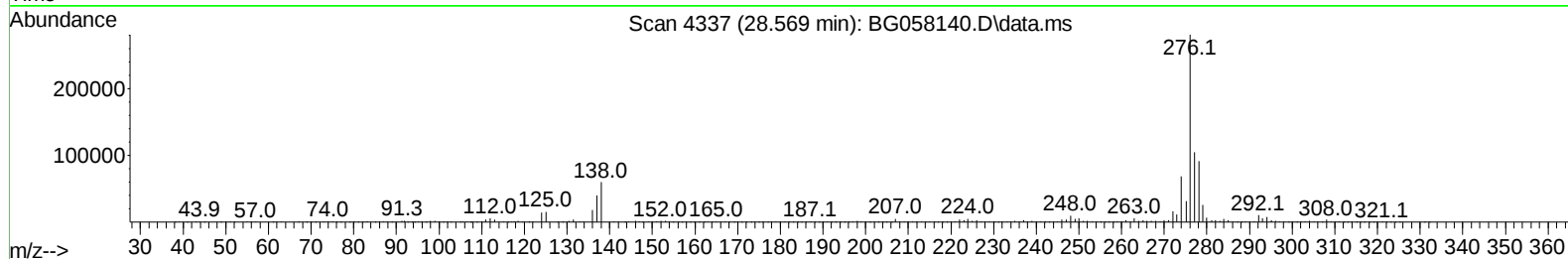
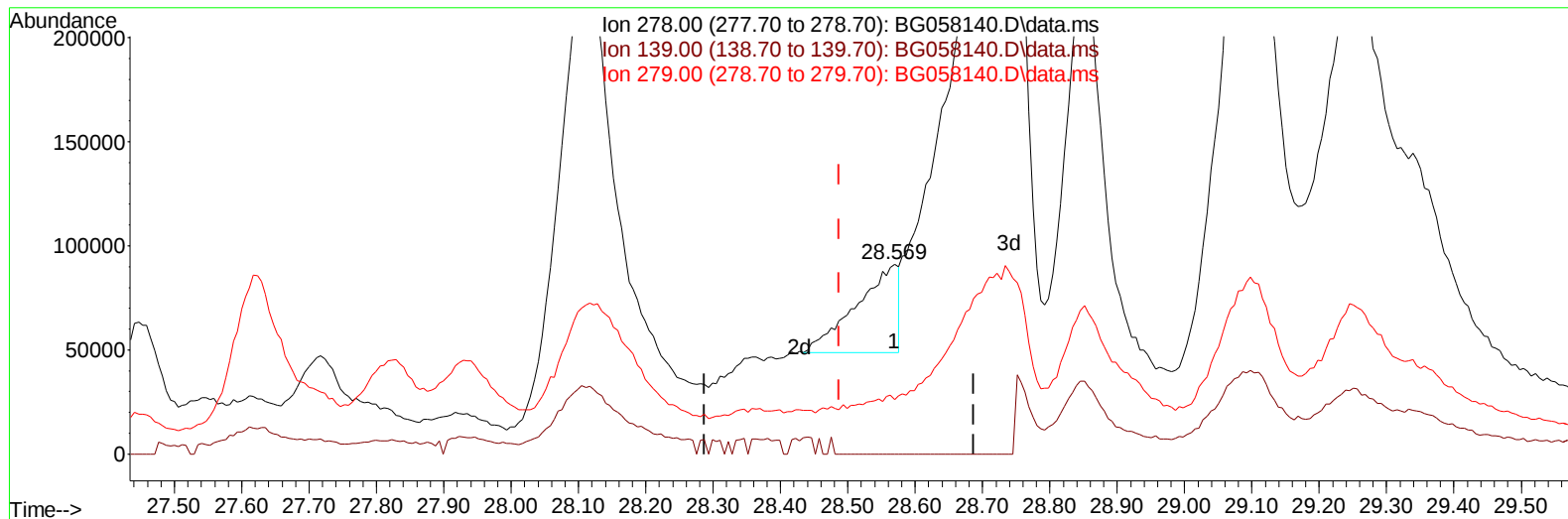
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:06:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(95) Dibenzo(a,h)anthracene

28.569min (+ 0.082) 5.22 ng/u1

response 185273

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	0.00#
279.00	23.60	28.74#
0.00	0.00	0.00

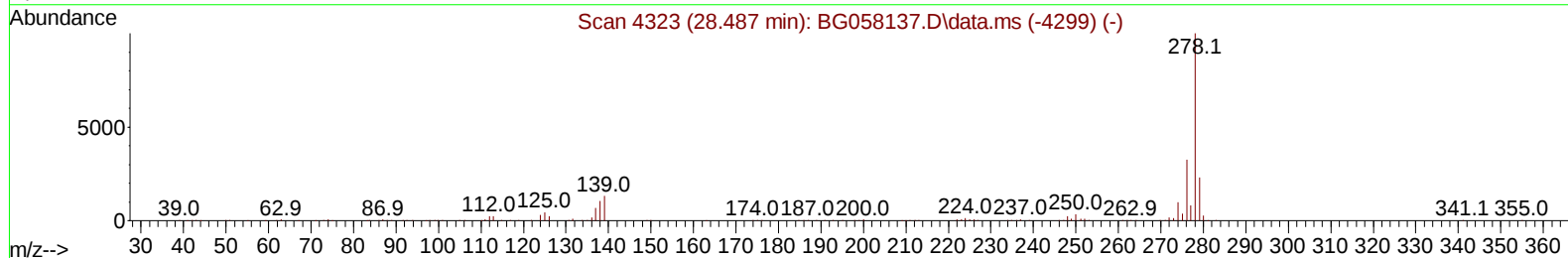
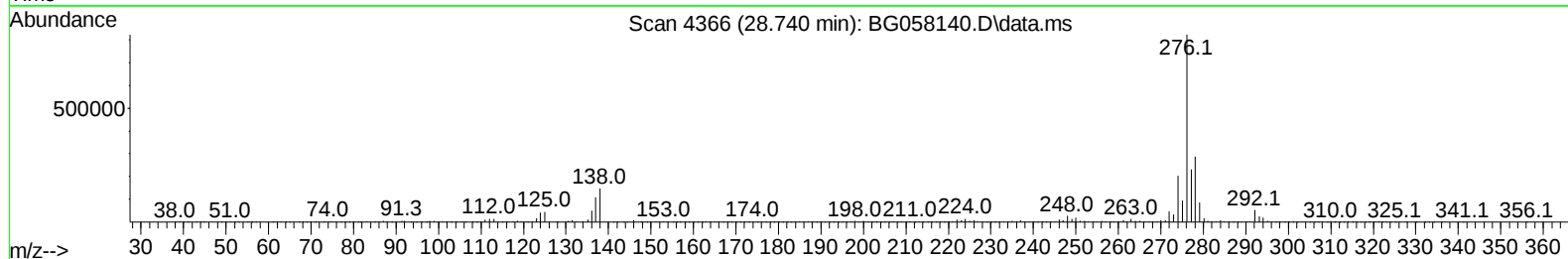
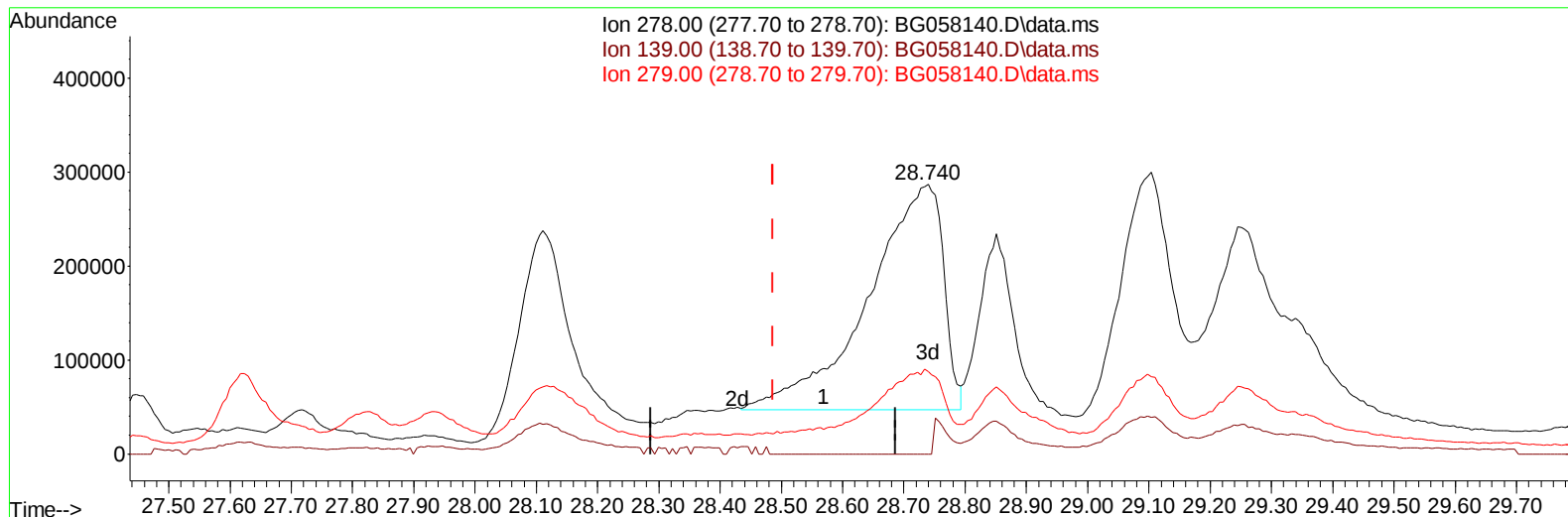
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058140.D
Acq On : 10 Jul 2023 13:36
Operator : CG/JU
Sample : 03385-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:06:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(95) Dibenzo(a,h)anthracene

28.740min (+ 0.253) 57.68 ng/ul m

response 2045545

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	0.00#
279.00	23.60	30.58#
0.00	0.00	0.00

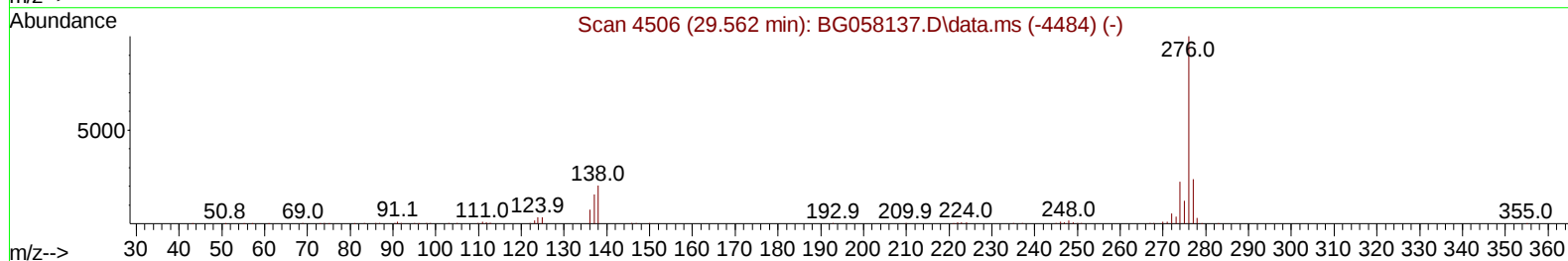
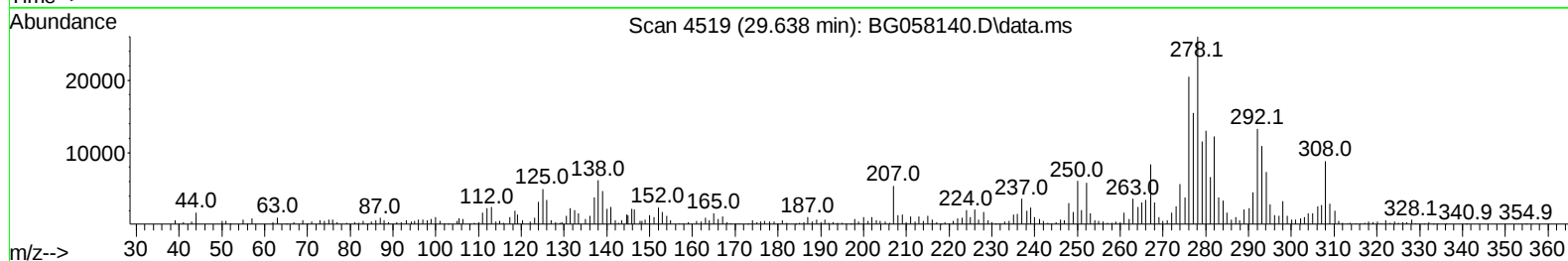
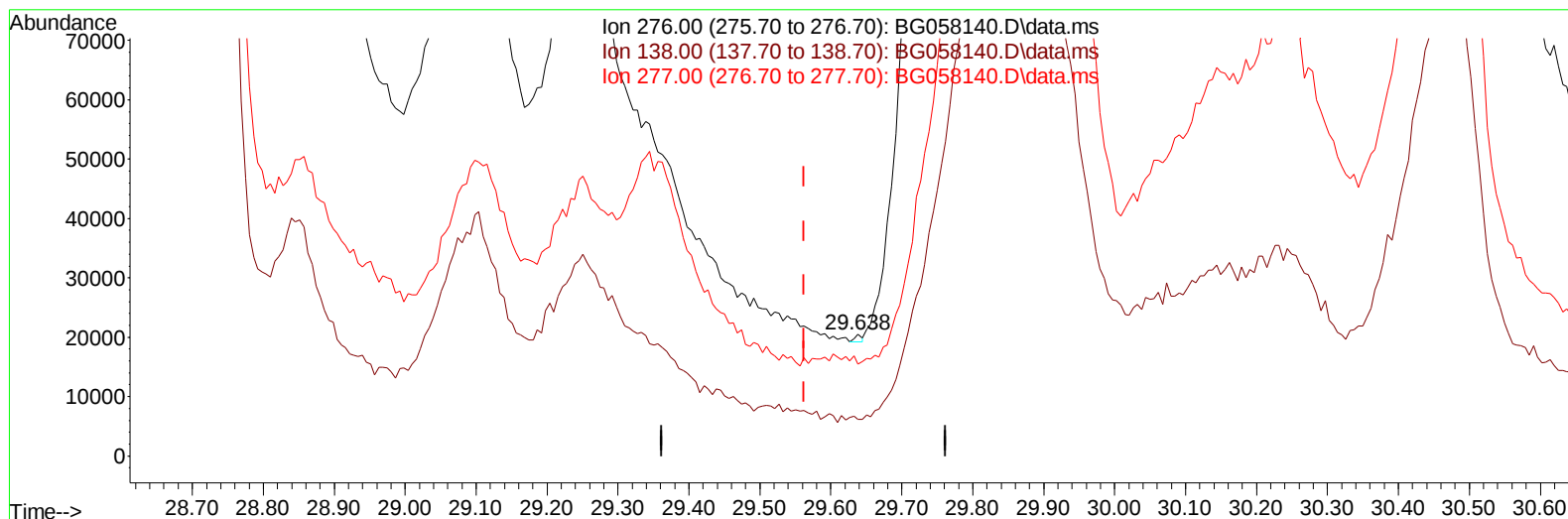
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058140.D
 Acq On : 10 Jul 2023 13:36
 Operator : CG/JU
 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 01:09:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023



TIC: BG058140.D\data.ms

(96) Benzo(g,h,i)perylene

29.638min (+ 0.076) 0.03 ng/u1

response 879

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	30.11#
277.00	23.20	75.52#
0.00	0.00	0.00

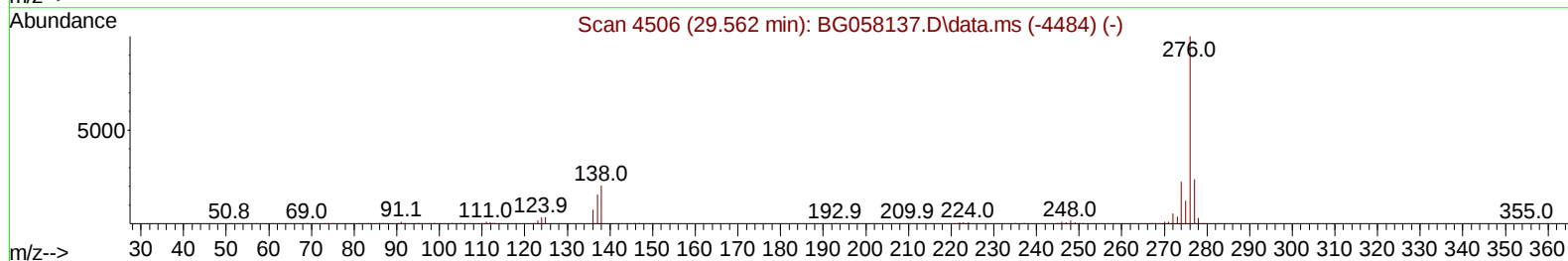
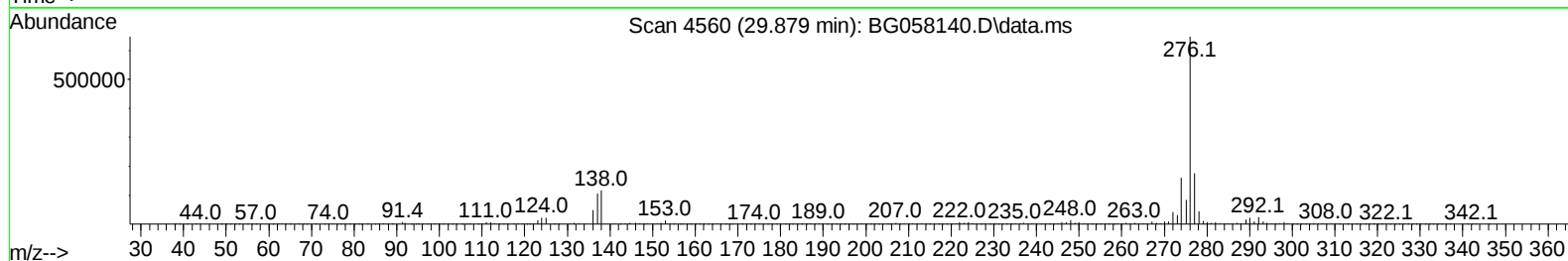
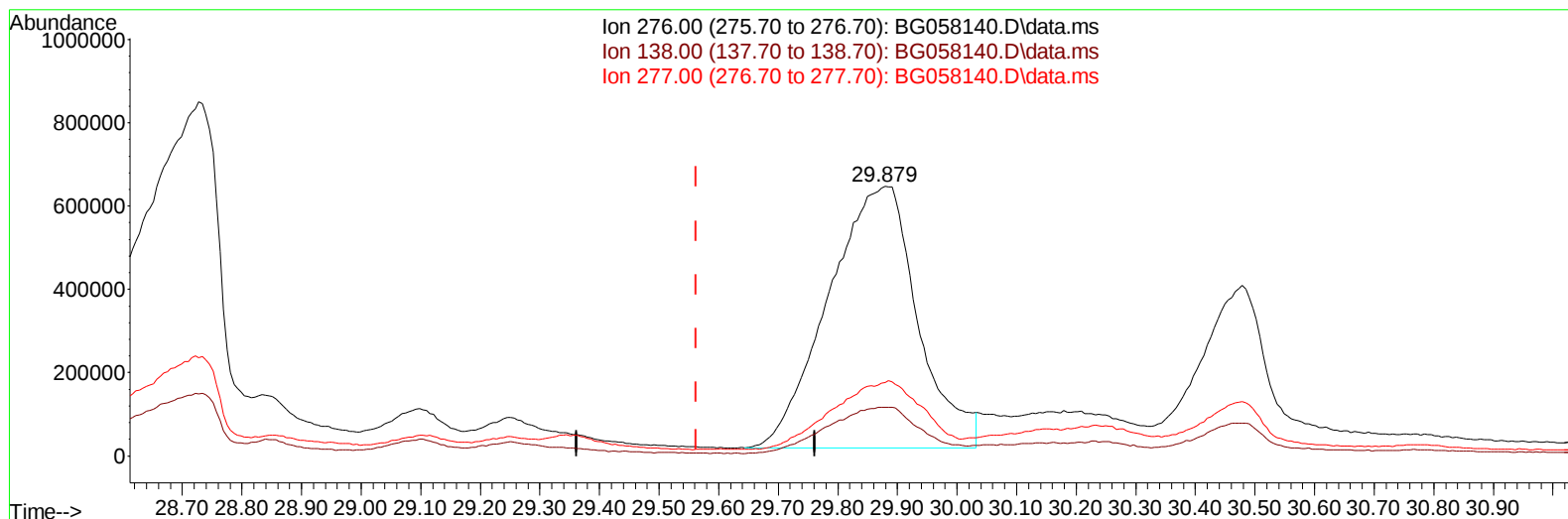
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TIC: BG058140.D\data.ms

(96) Benzo(g,h,i)perylene

29.879min (+ 0.317) 186.64 ng/u1 m

response 6555727

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	18.13
277.00	23.20	27.30
0.00	0.00	0.00

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 Sample : 03385-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7

Manual IntegrationsAPPROVED

Quant Time: Jul 11 02:11:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	106025	20.000	ng/ul	0.00
20) Naphthalene-d8	10.813	136	404520	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.615	164	283168	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.382	188	416843	20.000	ng/ul	0.04
79) Chrysene-d12	21.677	240	313974	20.000	ng/ul	0.08
88) Perylene-d12	24.926	264	590930m	20.000	ng/ul	0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1504	0.497	ng/uL	0.01
4) Pyridine-d5	3.816	84	24834	2.702	ng/ul	0.00
7) Phenol-d5	7.135	99	68416	6.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	40700	6.237	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	47459	6.355	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	52383	6.412	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	26708	8.101	ng/ul	0.00
24) 2-Nitrophenol-d4	9.868	143	29335	8.466	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.426	165	54240	8.160	ng/ul	0.03
31) 4-Chloroaniline-d4	10.931	131	45605m	4.525	ng/ul	0.02
46) Dimethylphthalate-d6	14.027	166	164975	7.384	ng/ul	0.02
49) Acenaphthylene-d8	14.303	160	185823	7.622	ng/ul	0.00
54) 4-Nitrophenol-d4	14.838	143	23969m	6.072	ng/ul	0.04
60) Fluorene-d10	15.608	176	143352	7.555	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.819	200	6898m	3.048	ng/ul	0.11
73) Anthracene-d10	17.529	188	165106	8.536	ng/ul	0.09
81) Pyrene-d10	19.762	212	190029	9.610	ng/ul	0.04
92) Benzo(a)pyrene-d12	24.709	264	231425m	7.687	ng/ul	0.14
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.416	108	10431	1.209	ng/ul	92
16) Acetophenone	8.804	105	15535	1.146	ng/ul	96
18) 4-Methylphenol	8.745	108	15593	1.671	ng/ul	88
26) 2,4-Dimethylphenol	9.956	107	63939	7.647	ng/ul	96
30) Naphthalene	10.913	128	16407762	721.754	ng/ul#	74
36) 2-Methylnaphthalene	12.488	142	7495115	489.096	ng/ul	94
37) 1-Methylnaphthalene	12.694	142	4333999	282.028	ng/ul#	99
43) 1,1'-Biphenyl	13.457	154	3439626	168.557	ng/ul#	91
50) Acenaphthylene	14.333	152	109036	4.141	ng/ul#	47
52) Acenaphthene	14.732	153	8285144	458.597	ng/ul#	91
56) Dibenzofuran	15.056	168	9024647	351.406	ng/ul#	70
61) Fluorene	15.714	166	8730845	414.339	ng/ul#	98
72) Phenanthrene	17.512	178	22034895m	1039.210	ng/ul	
74) Anthracene	17.582	178	9551239m	445.134	ng/ul	
77) Carbazole	17.805	167	5998782	309.125	ng/ul#	85
80) Fluoranthene	19.503	202	18044375m	787.506	ng/ul	
82) Pyrene	19.856	202	14555414	631.071	ng/ul#	89
85) Benzo(a)anthracene	21.660	228	10884397	482.812	ng/ul#	73
87) Chrysene	21.742	228	8237180	389.774	ng/ul#	70
90) Benzo(b)fluoranthene	23.939	252	14544975m	397.524	ng/ul	
91) Benzo(k)fluoranthene	23.986	252	3899384m	108.729	ng/ul	
93) Benzo(a)pyrene	24.844	252	11853808m	366.028	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.728	276	7803822m	181.465	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	28.740	278	2045545m	57.683	ng/ul	
96) Benzo(g,h,i)perylene	29.879	276	6555727m	186.637	ng/ul	

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

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