

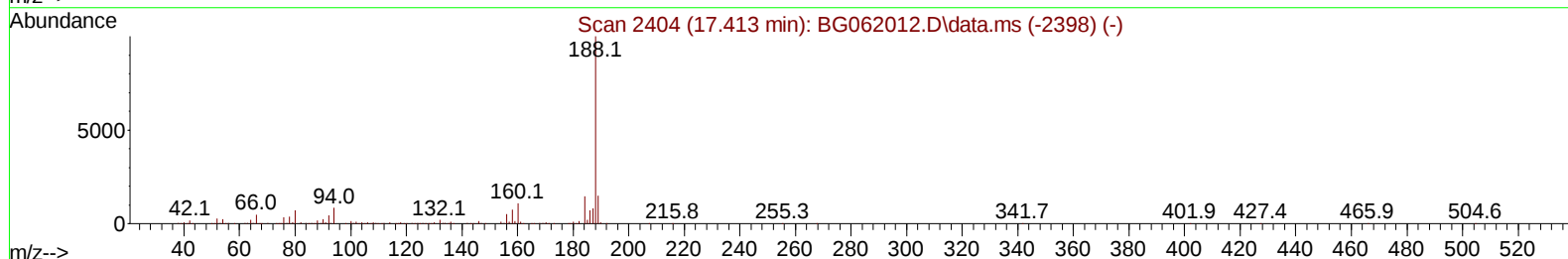
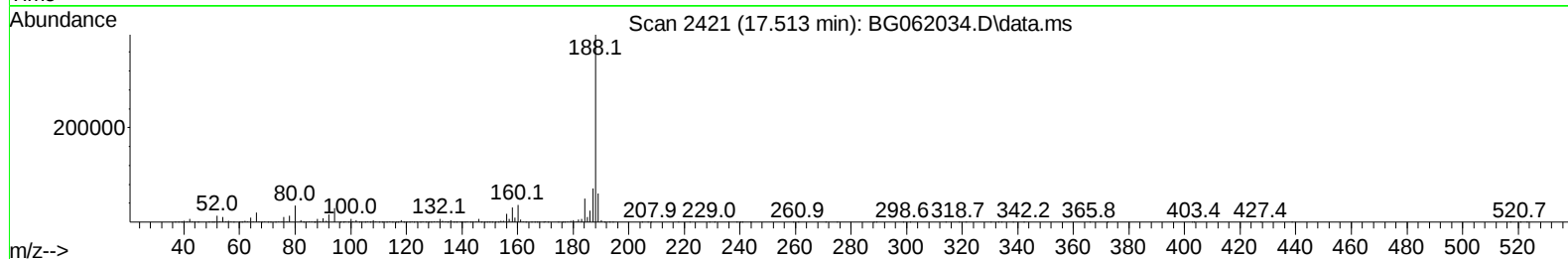
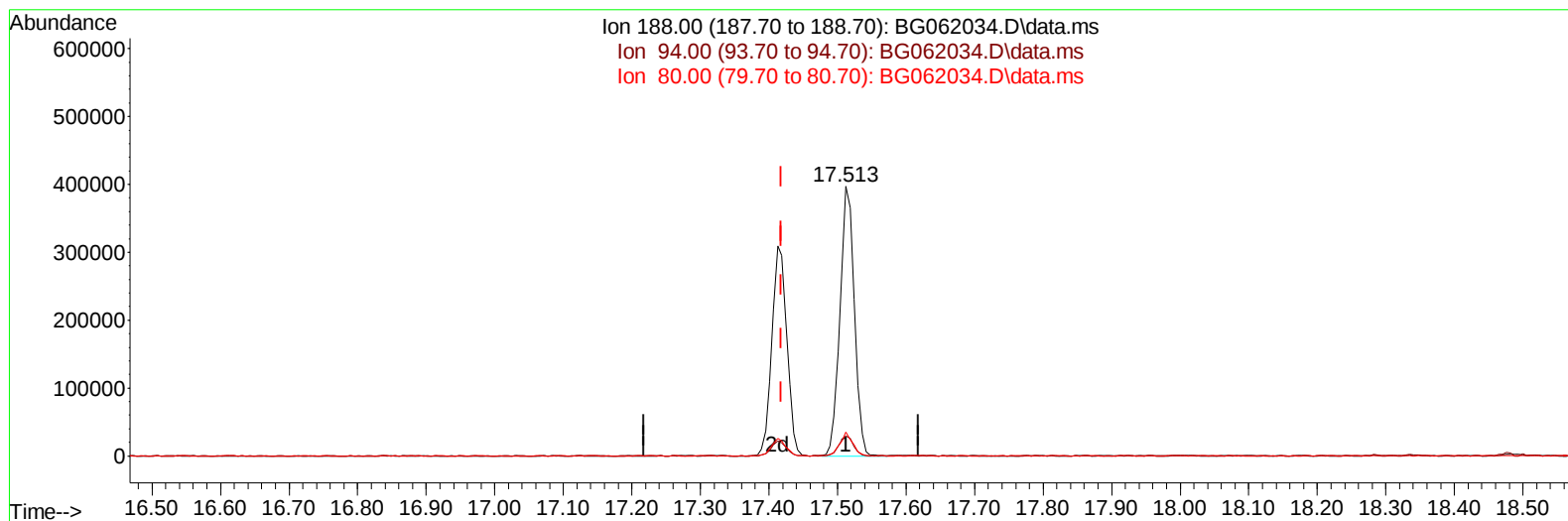
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:36:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(64) Phenanthrene-d10 (I)

17.513min (+ 0.095) 20.00 ng/u1

response 579875

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	7.54
80.00	10.40	8.90
0.00	0.00	0.00

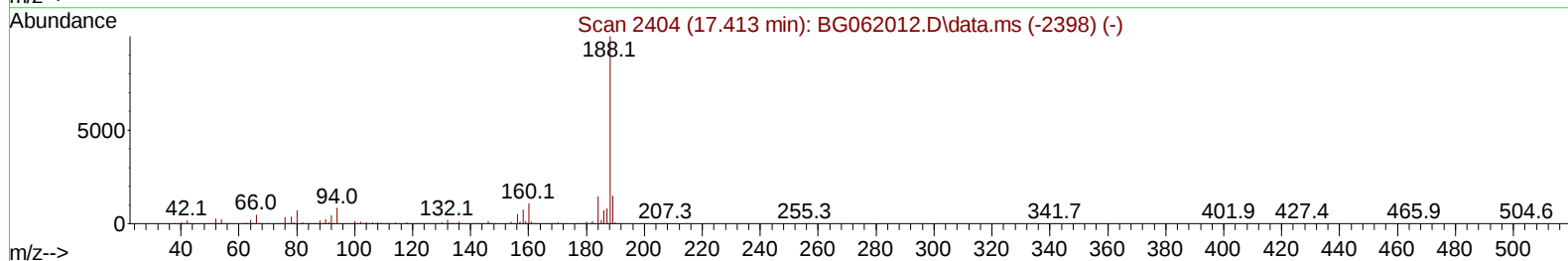
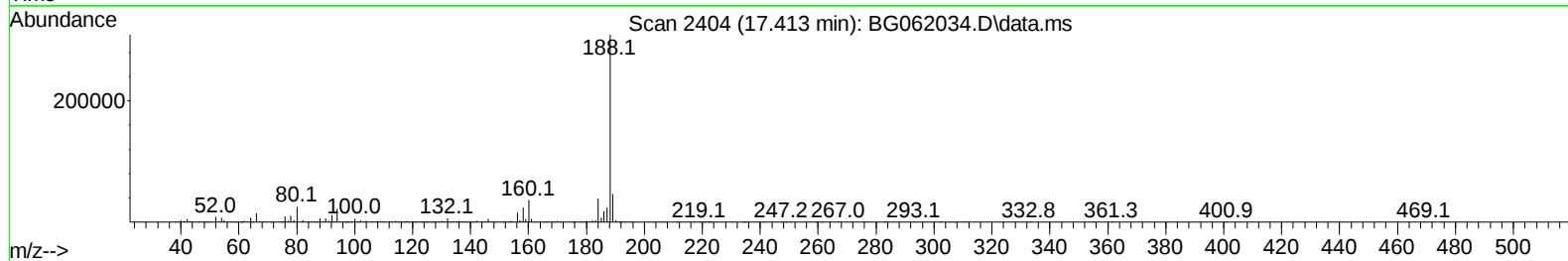
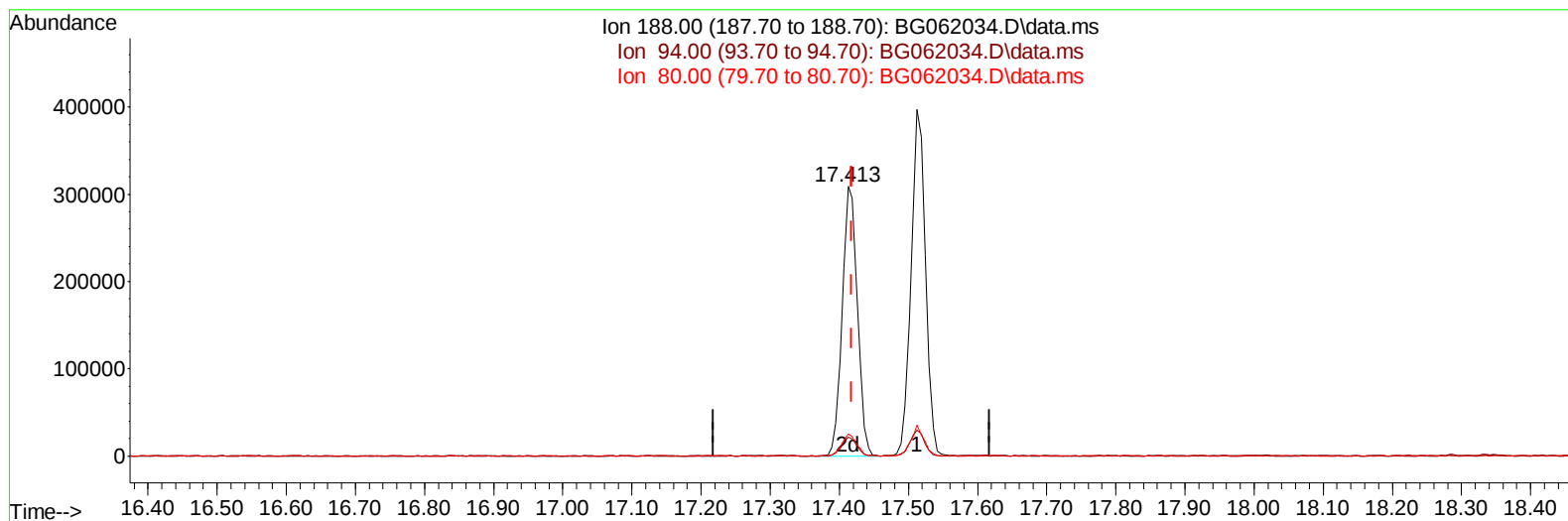
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:36:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(64) Phenanthrene-d10 (I)

17.413min (-0.005) 20.00 ng/ul m

response 470267

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	7.05
80.00	10.40	8.27#
0.00	0.00	0.00

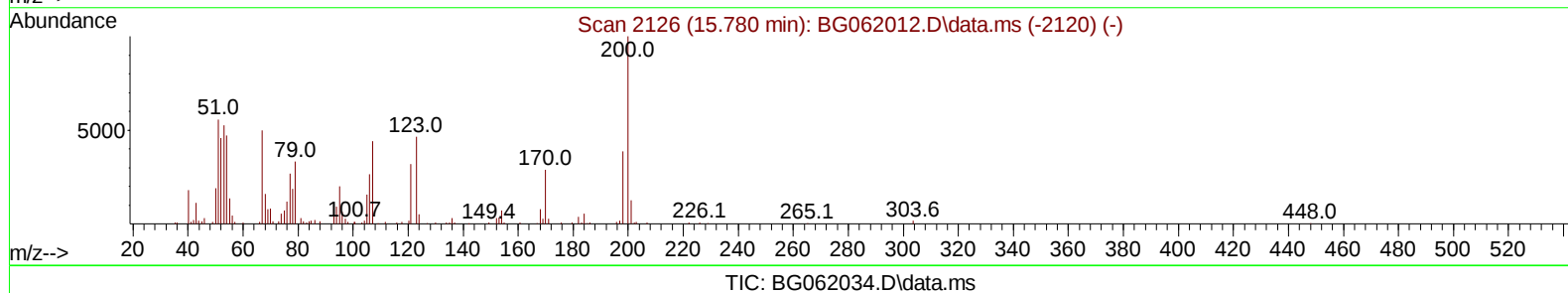
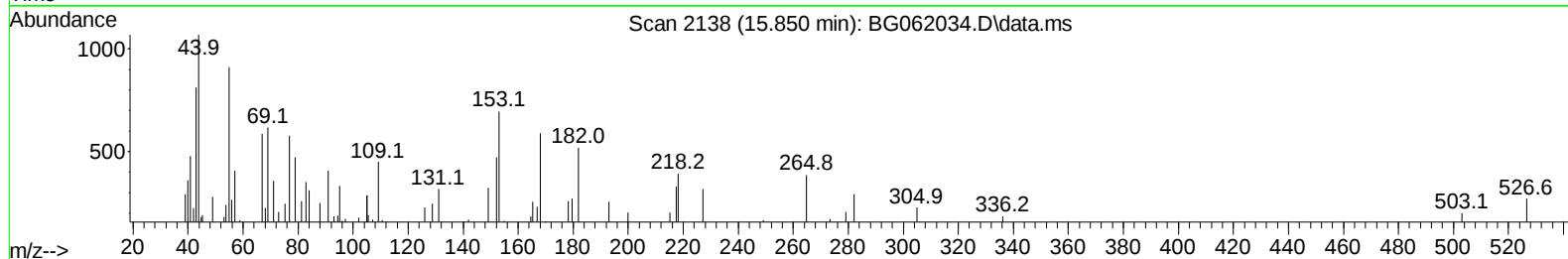
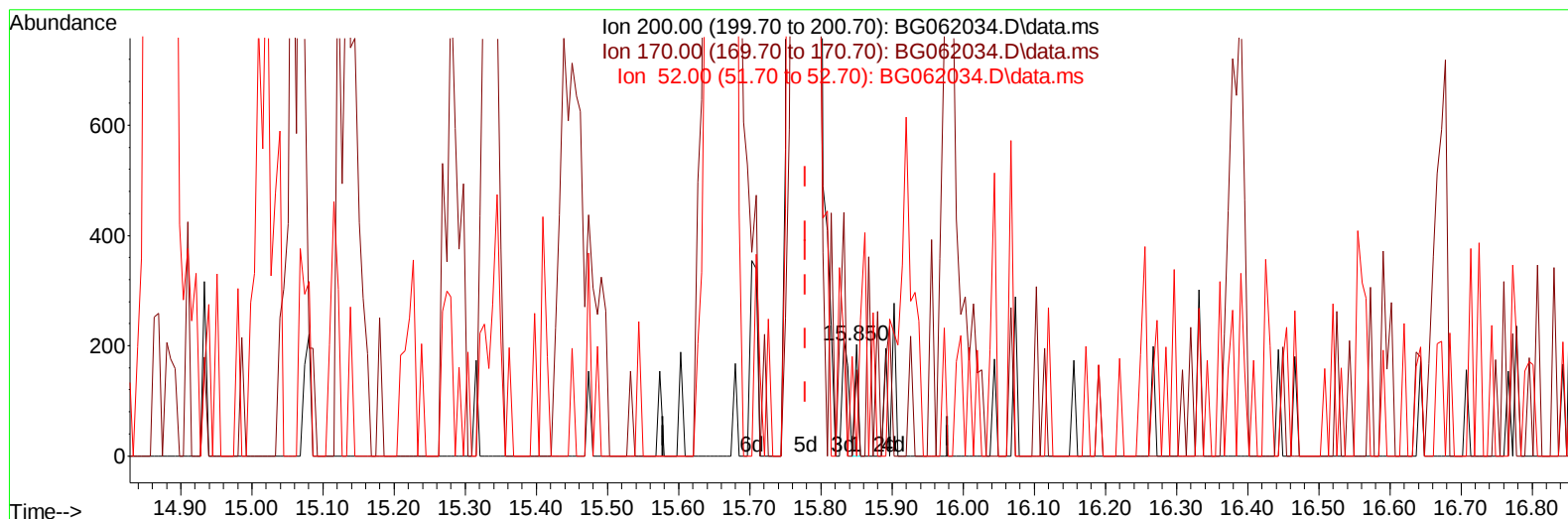
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



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

15.850min (+ 0.071) 0.03 ng/u1

response 71

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	77.23#
52.00	66.90	0.00#
0.00	0.00	0.00

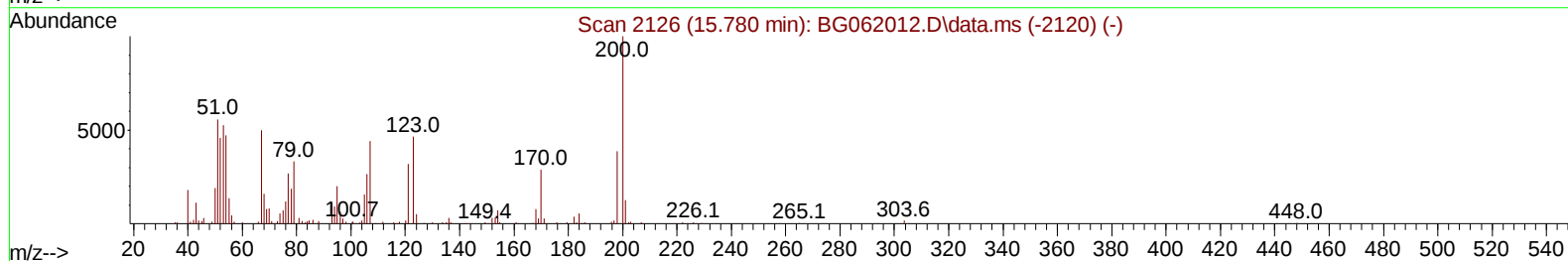
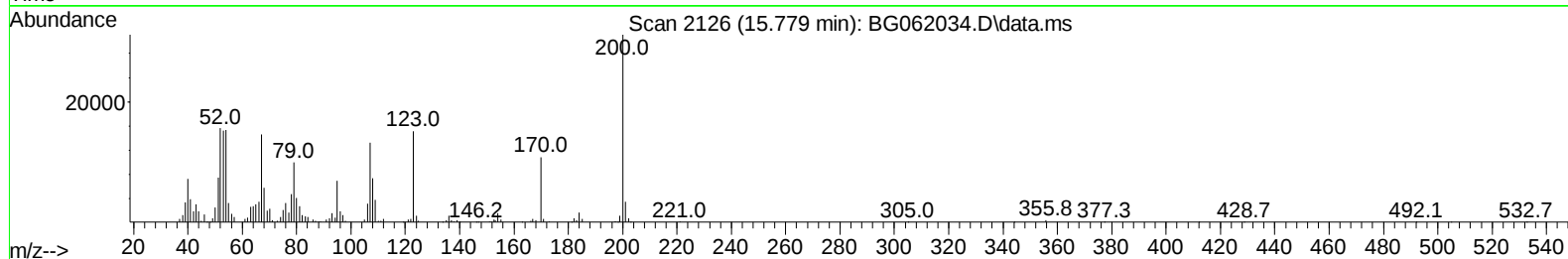
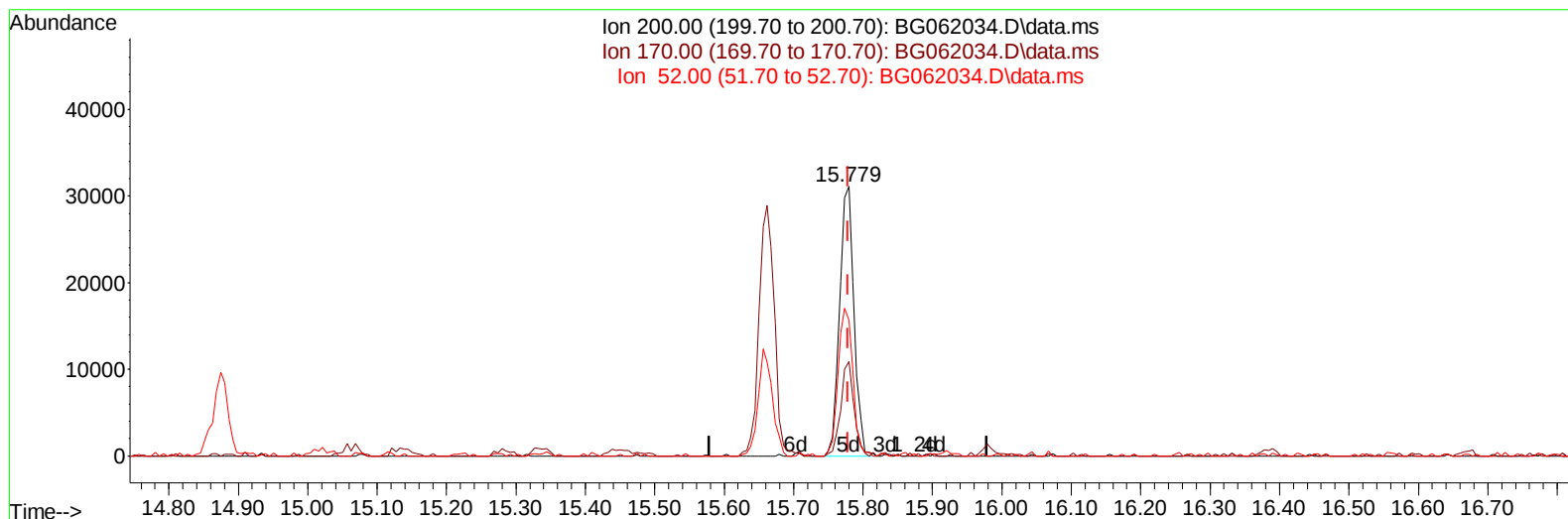
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

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

15.779min (+ 0.001) 18.17 ng/ul m

response 44882

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	35.06#
52.00	66.90	50.41#
0.00	0.00	0.00

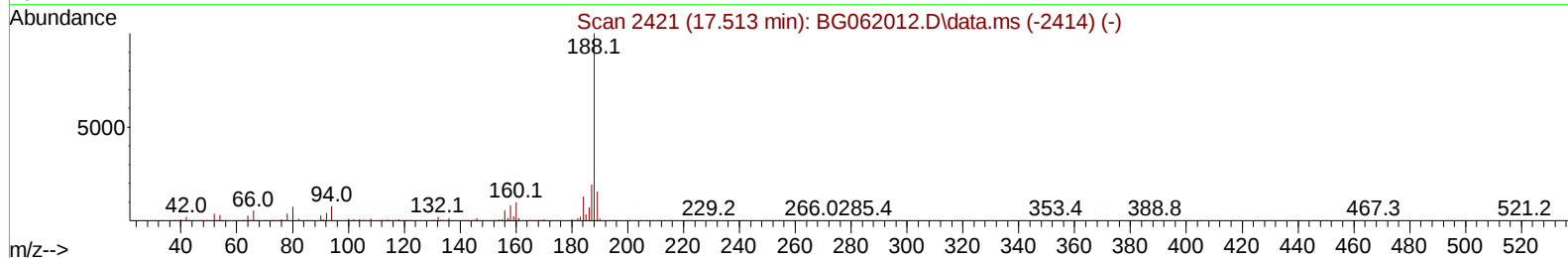
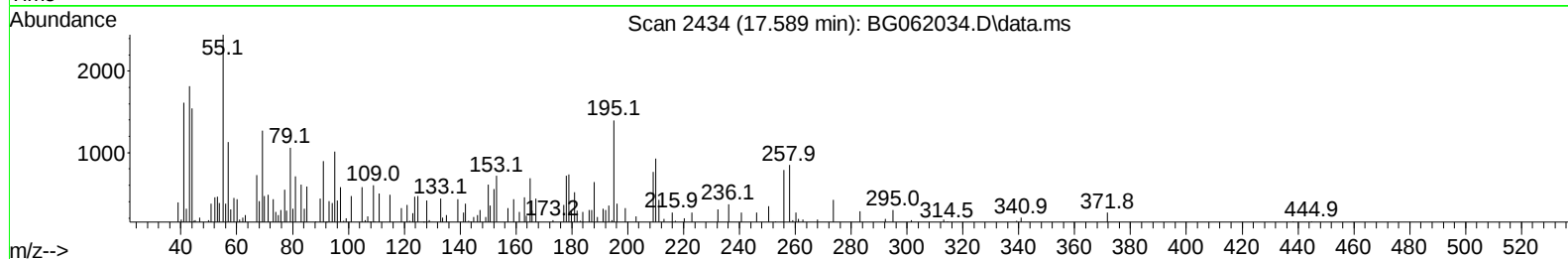
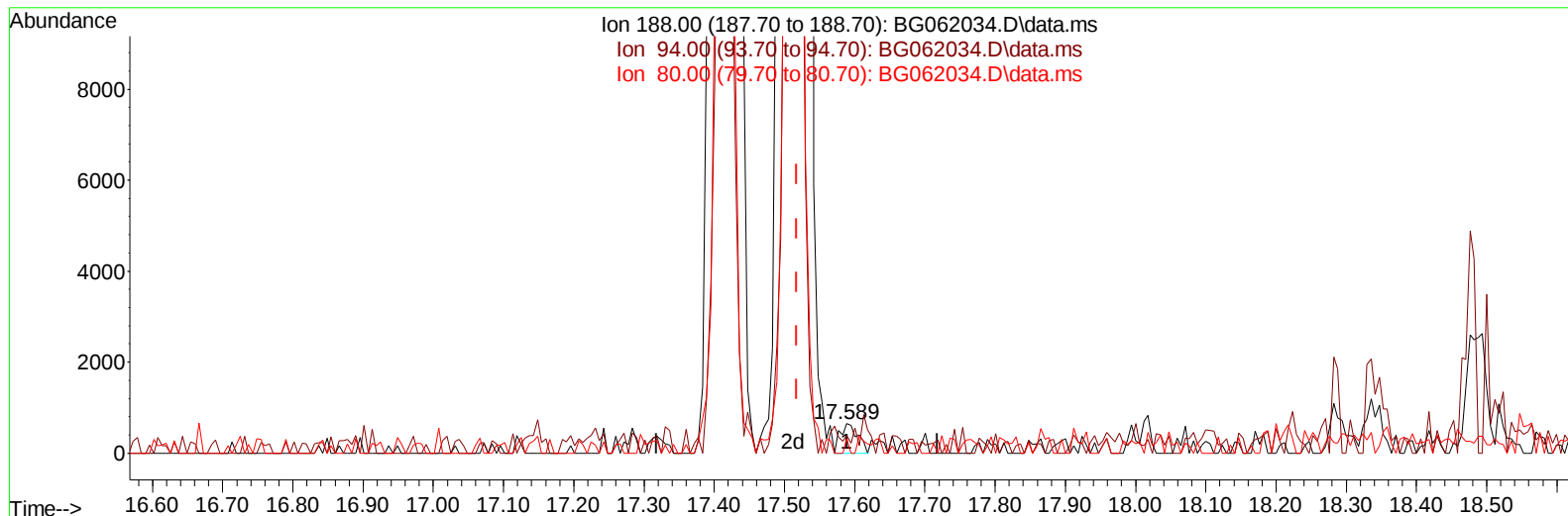
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(73) Anthracene-d10 (S)

17.589min (+ 0.071) 0.05 ng/u1

response 1104

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	59.56#
80.00	9.40	48.68#
0.00	0.00	0.00

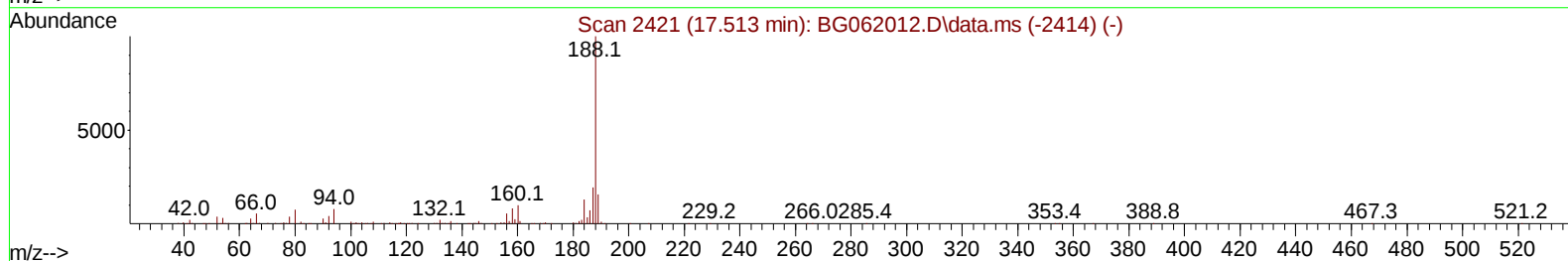
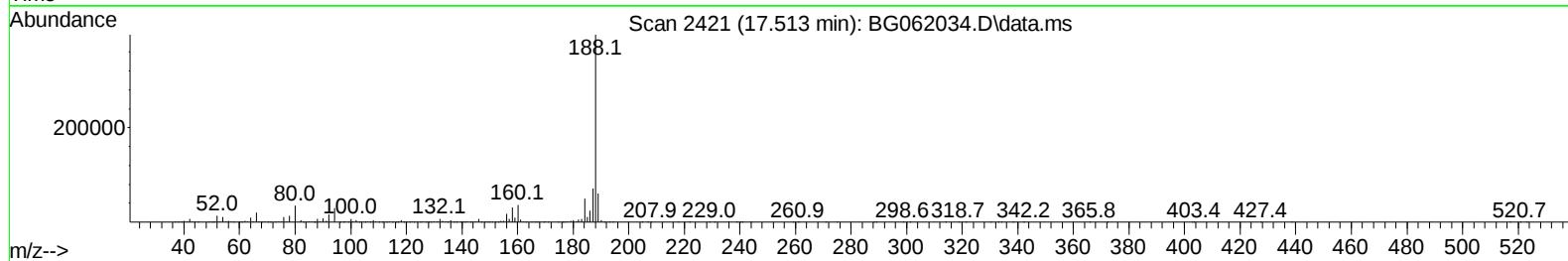
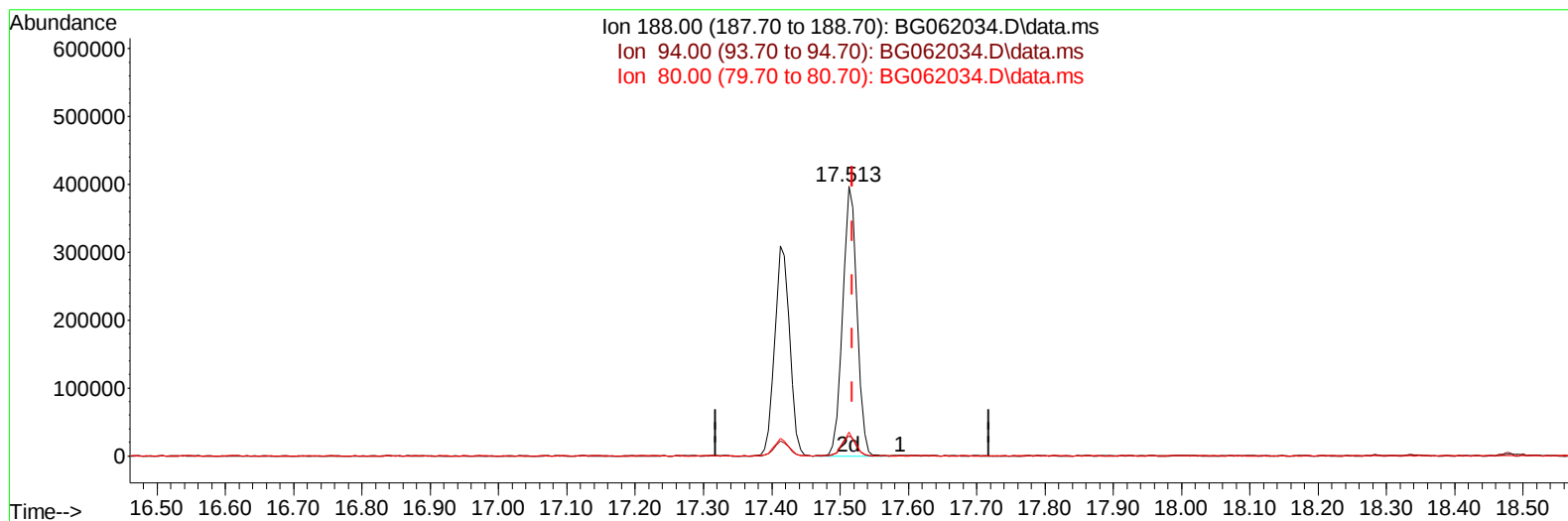
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(73) Anthracene-d10 (S)

17.513min (-0.005) 26.43 ng/u1 m

response 580405

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.00	7.54#
80.00	9.40	8.90
0.00	0.00	0.00

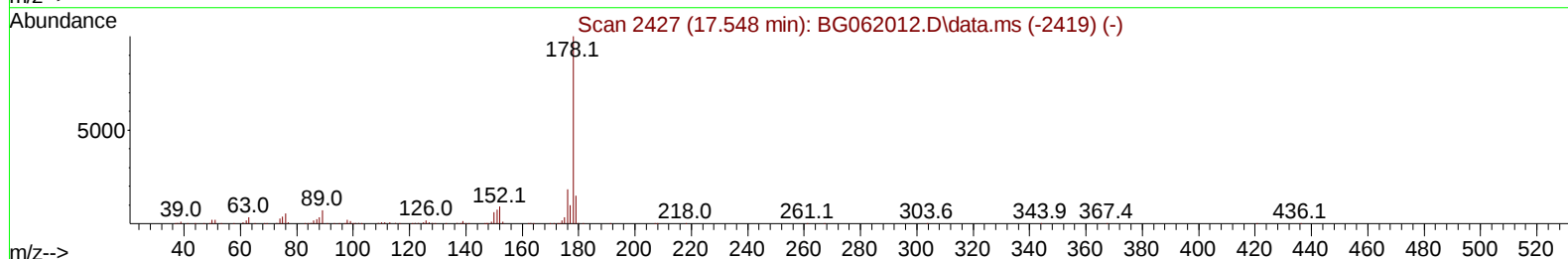
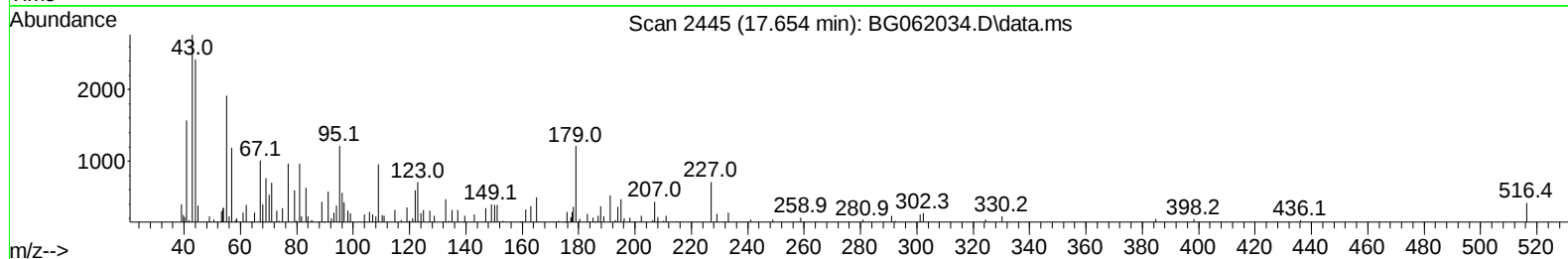
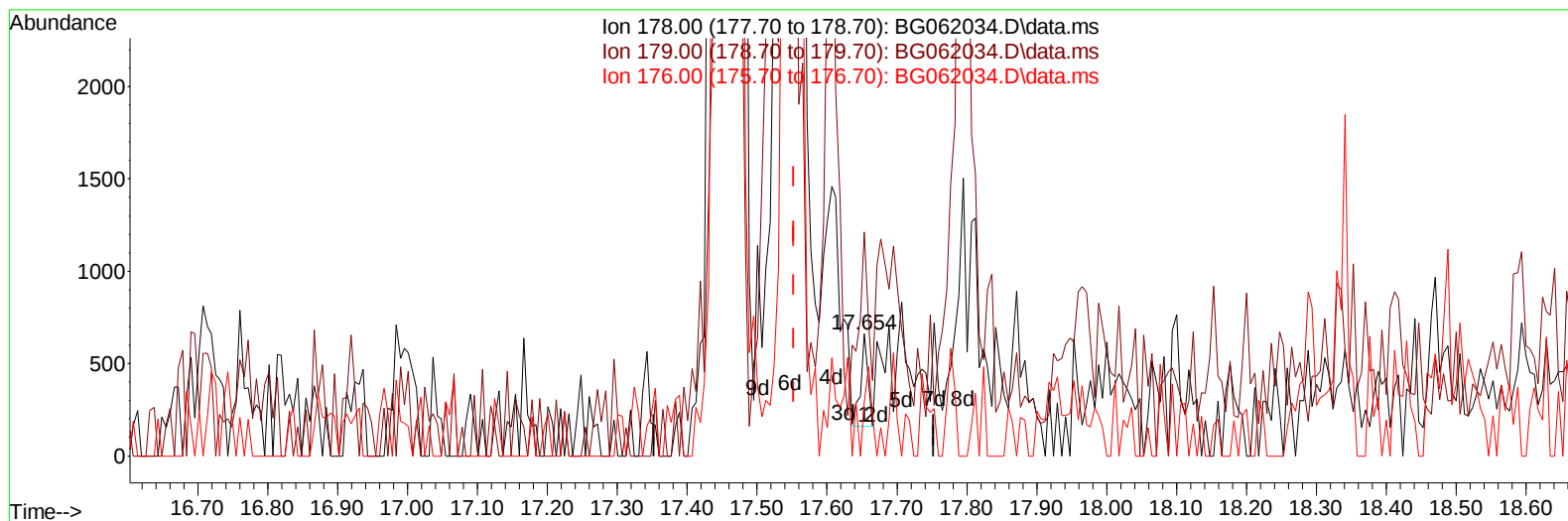
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(74) Anthracene

17.654min (+ 0.101) 0.01 ng/u1

response 359

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	182.93#
176.00	18.40	44.11#
0.00	0.00	0.00

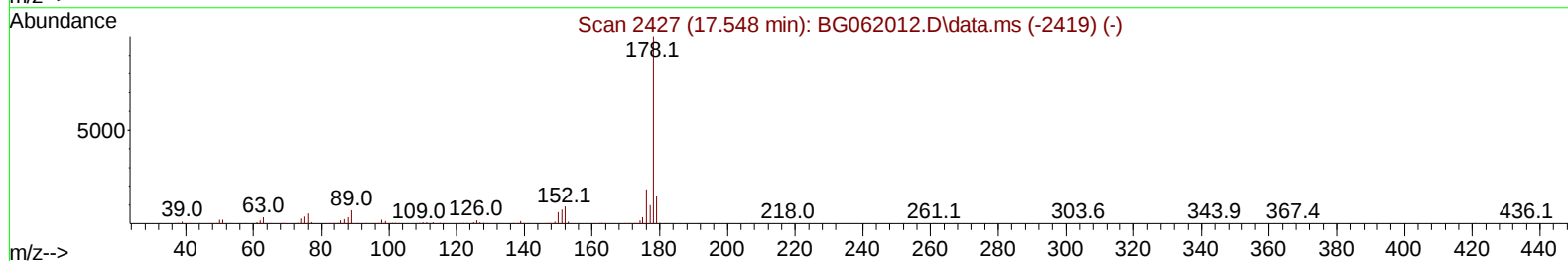
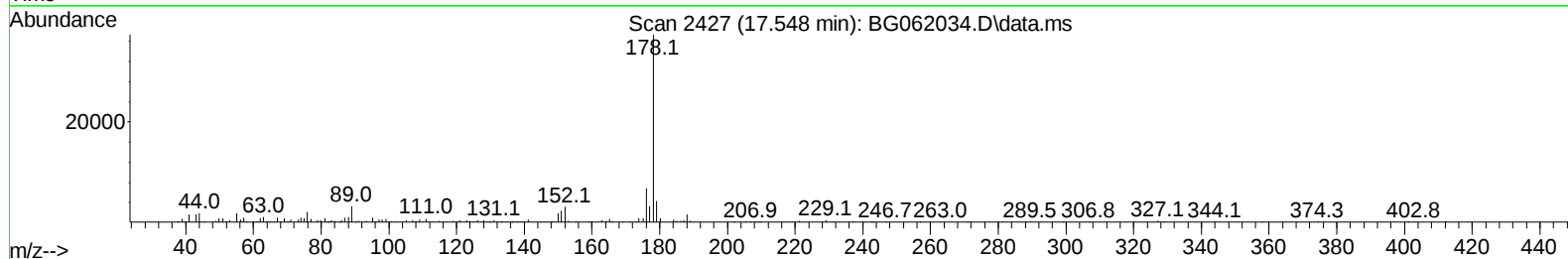
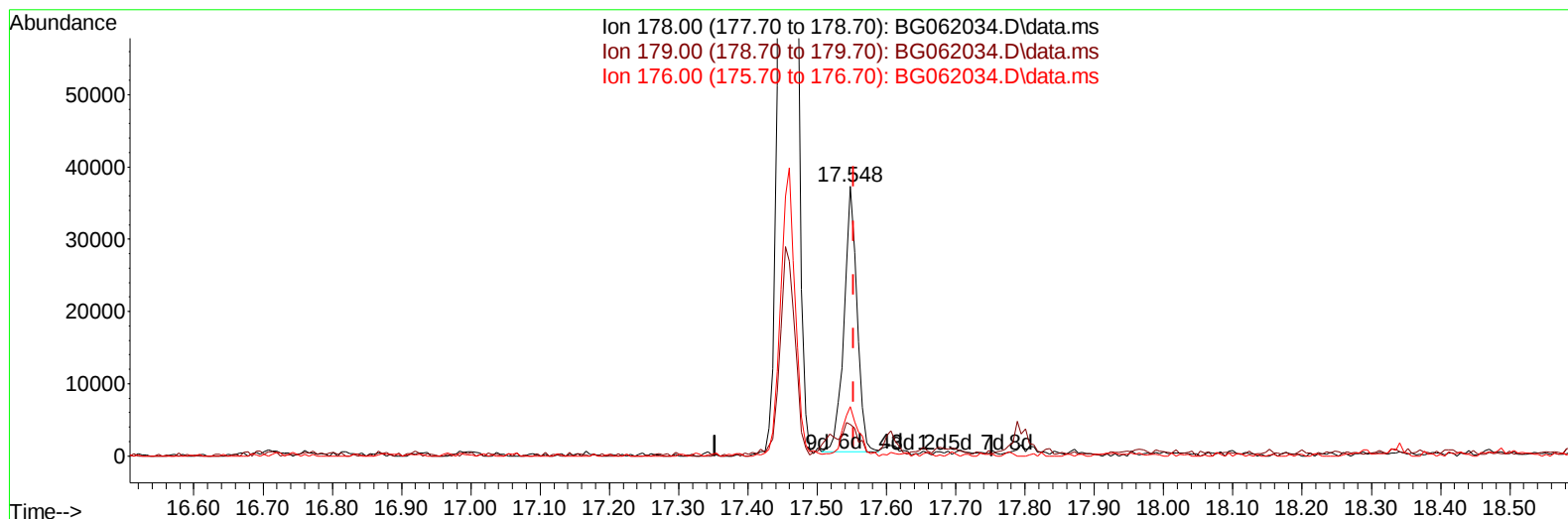
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 09:37:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration



TIC: BG062034.D\data.ms

(74) Anthracene

17.548min (-0.005) 1.86 ng/u1 m

response 47705

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	11.69#
176.00	18.40	18.35
0.00	0.00	0.00

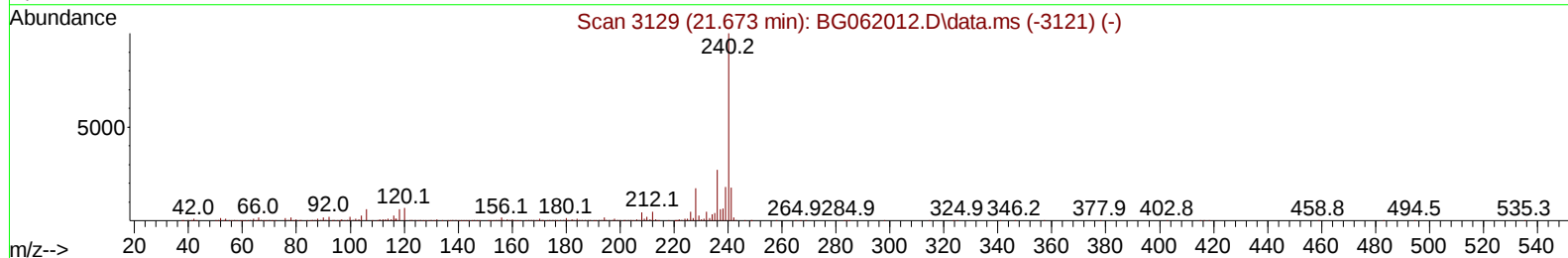
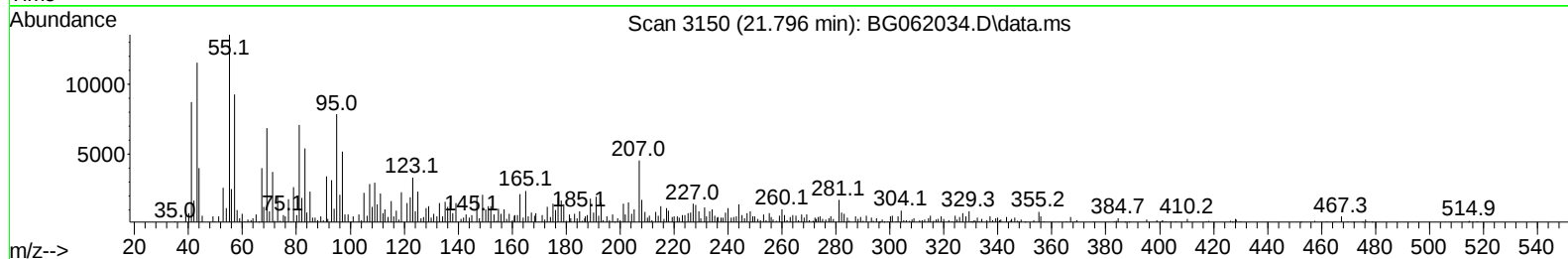
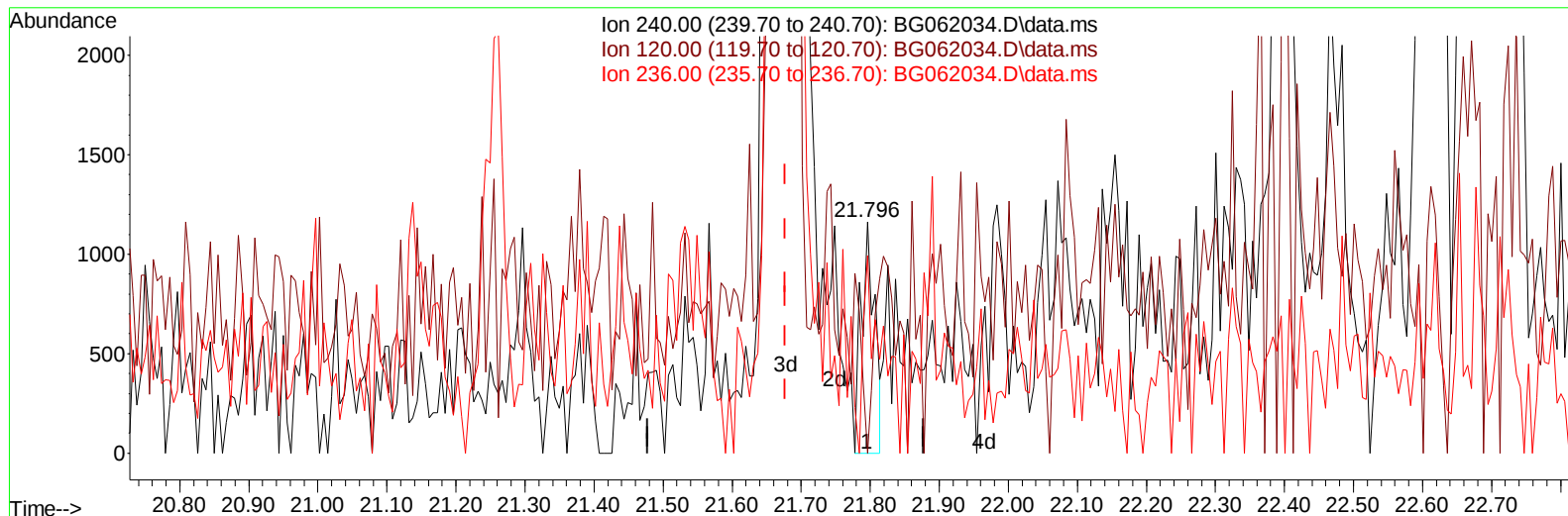
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(79) Chrysene-d12 (I)

21.796min (+ 0.118) 20.00 ng/u1

response 1576

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	8.40	0.00#
236.00	25.80	85.38#
0.00	0.00	0.00

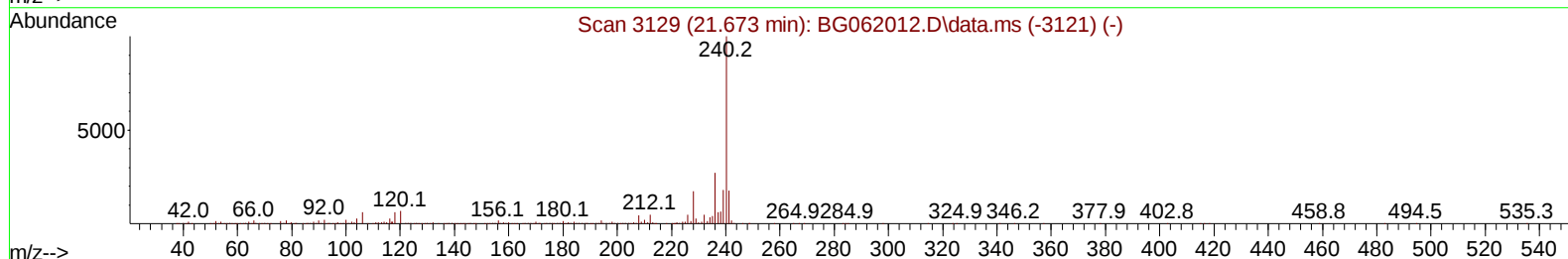
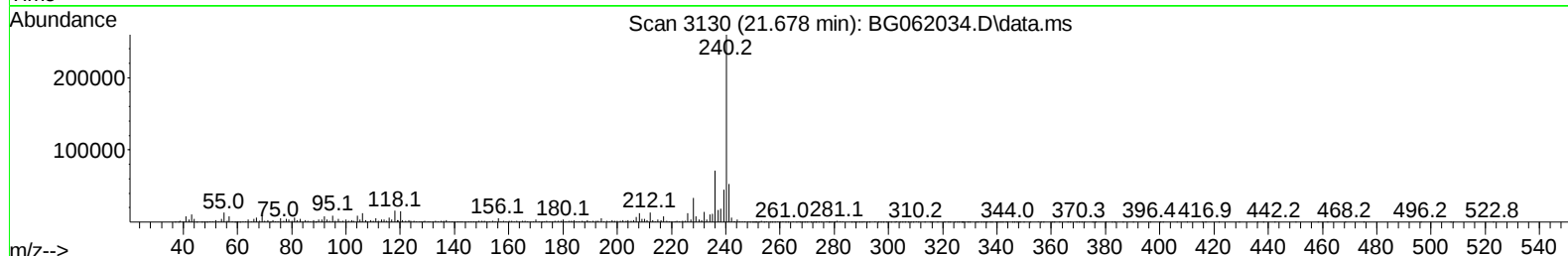
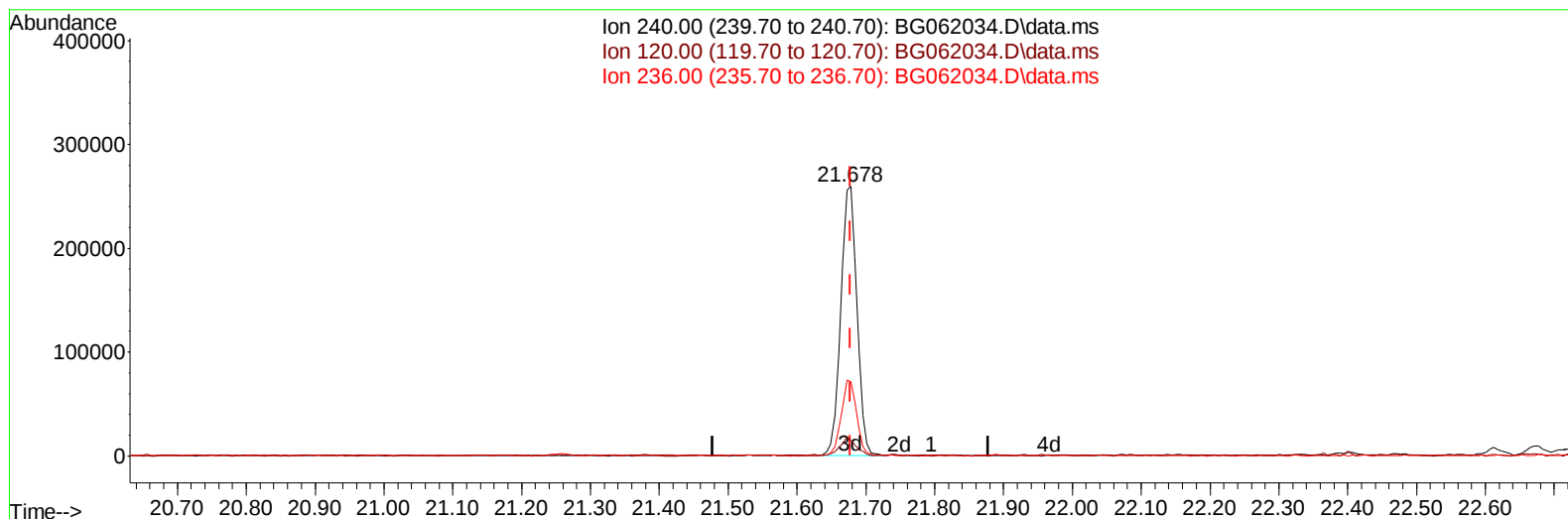
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:37:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(79) Chrysene-d12 (I)

21.678min (+ 0.001) 20.00 ng/ul m

response 422828

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	8.40	5.85#
236.00	25.80	27.59
0.00	0.00	0.00

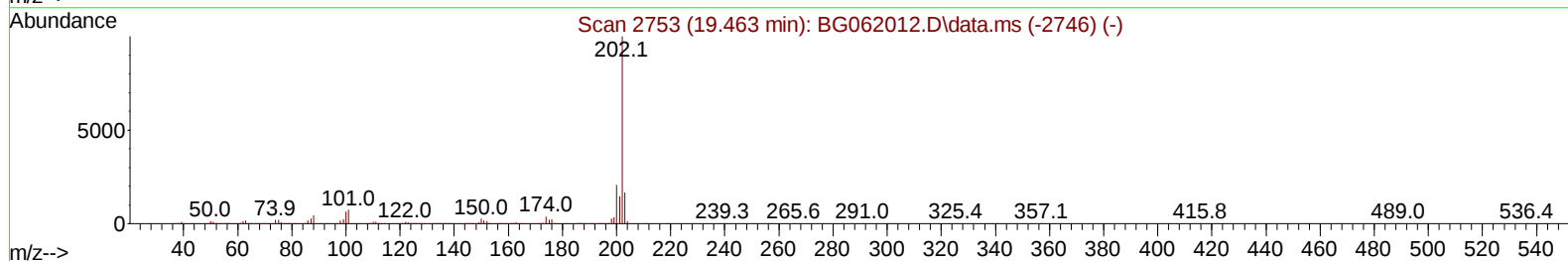
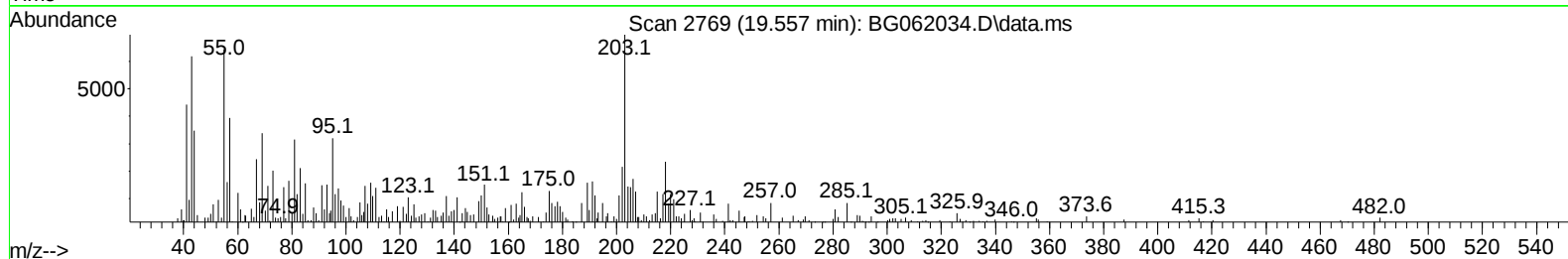
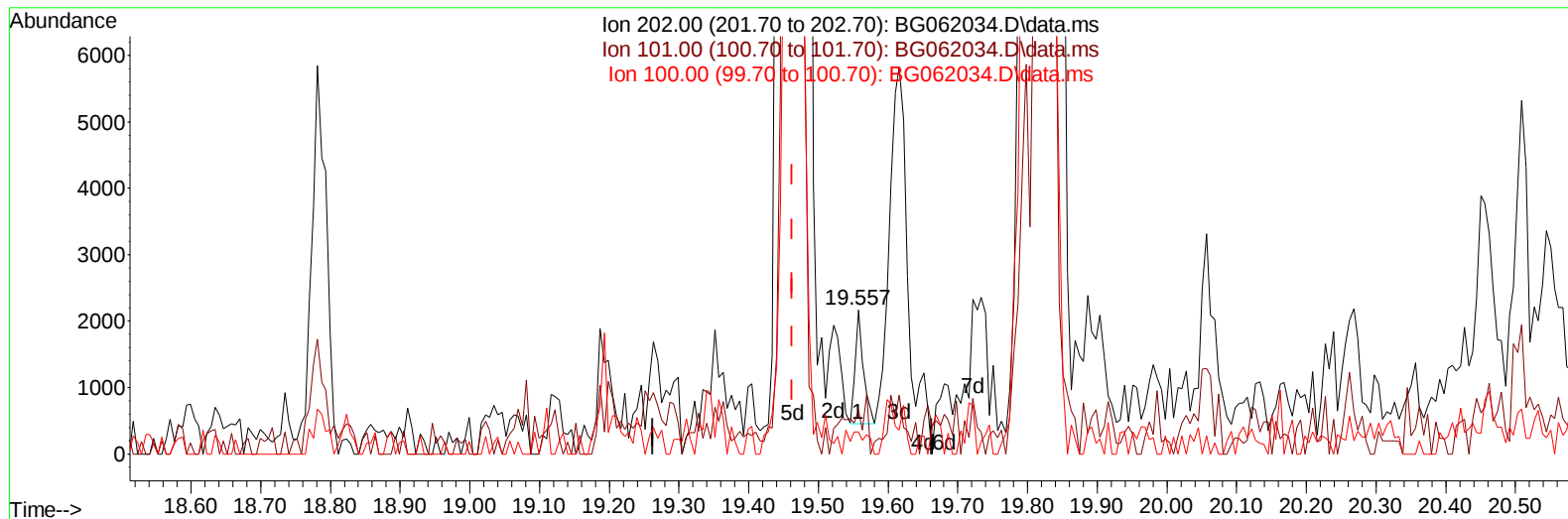
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(80) Fluoranthene

19.557min (+ 0.095) 0.05 ng/u1

response 1397

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.30	30.30#
100.00	8.30	15.31#
0.00	0.00	0.00

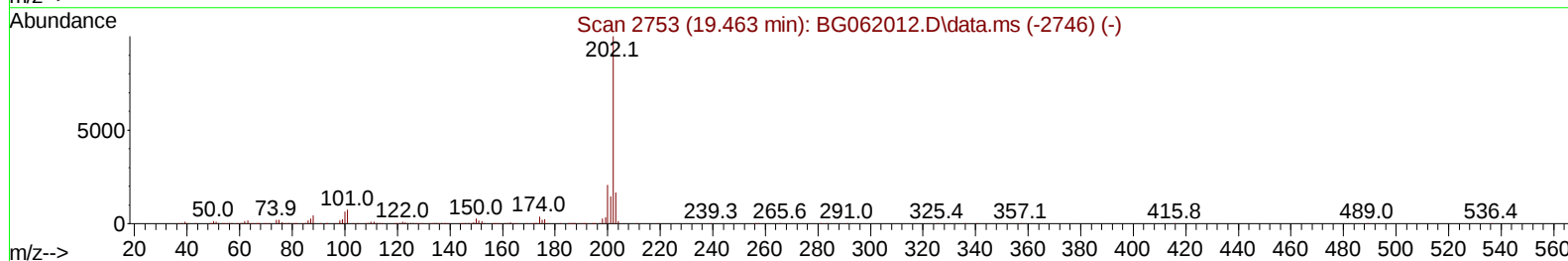
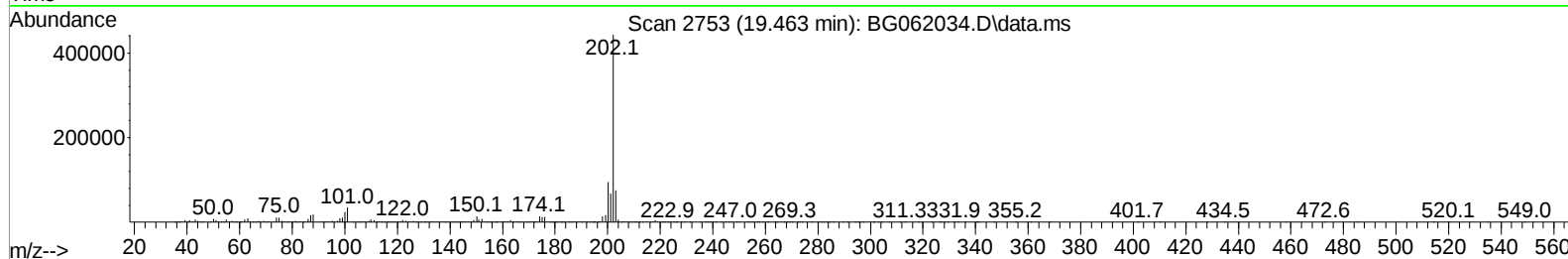
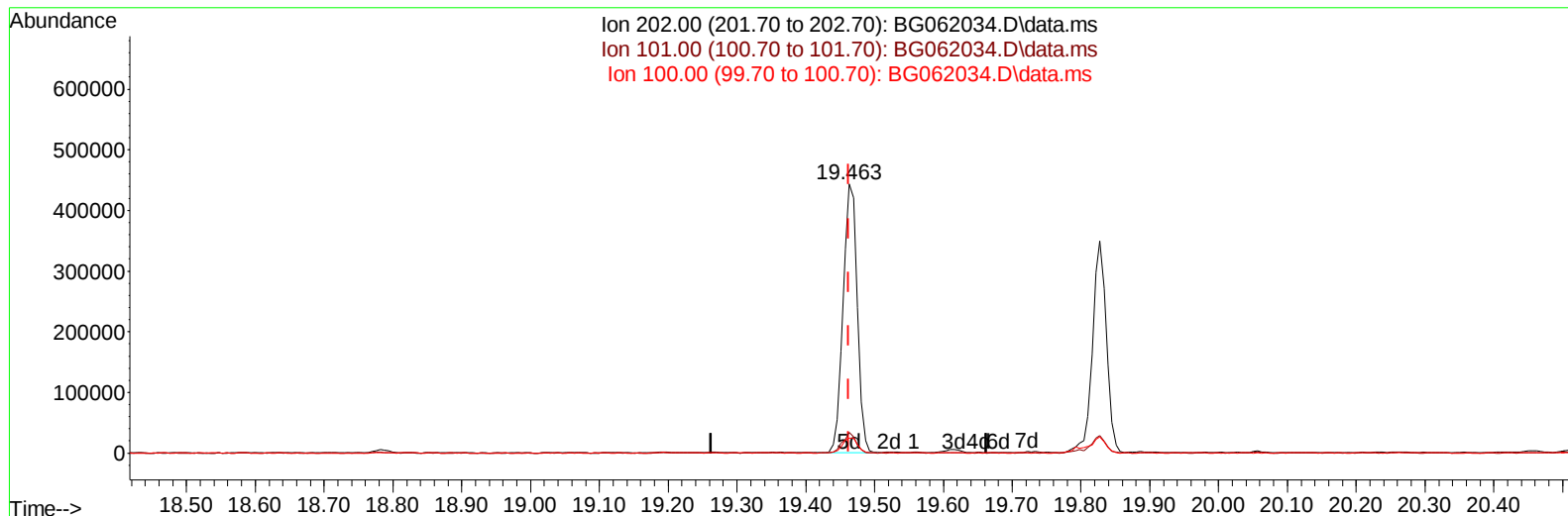
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(80) Fluoranthene

19.463min (+ 0.001) 21.39 ng/ul m

response 629644

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.30	7.73
100.00	8.30	5.52#
0.00	0.00	0.00

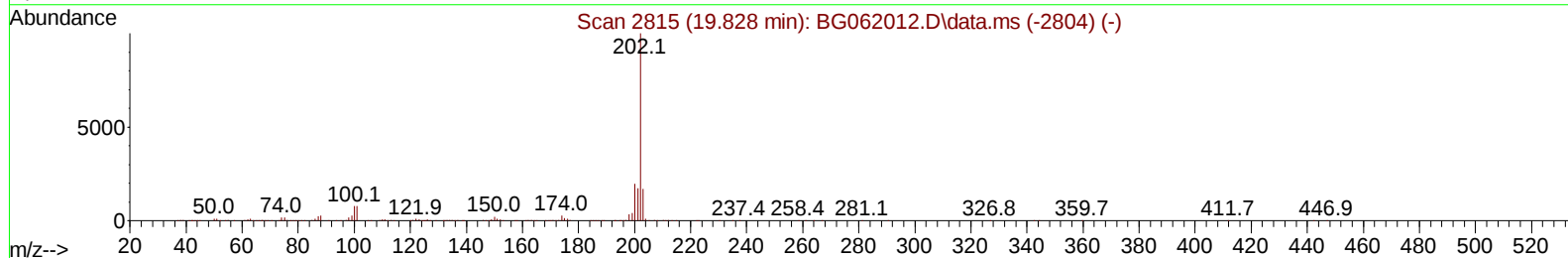
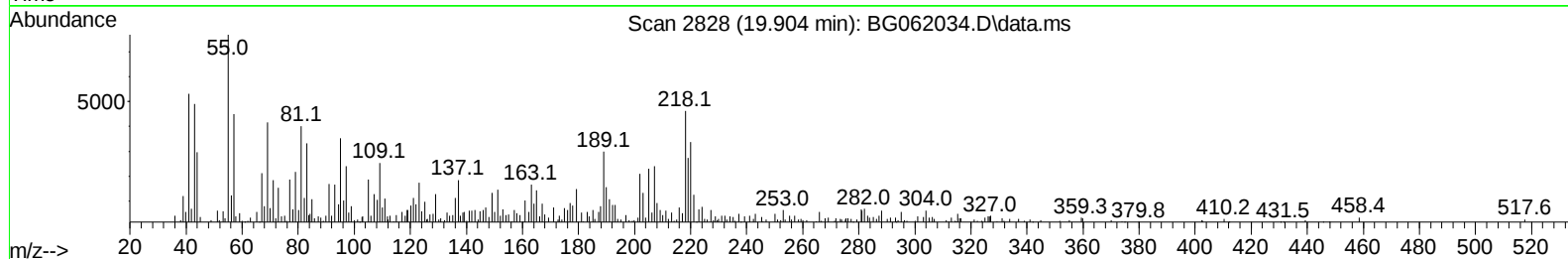
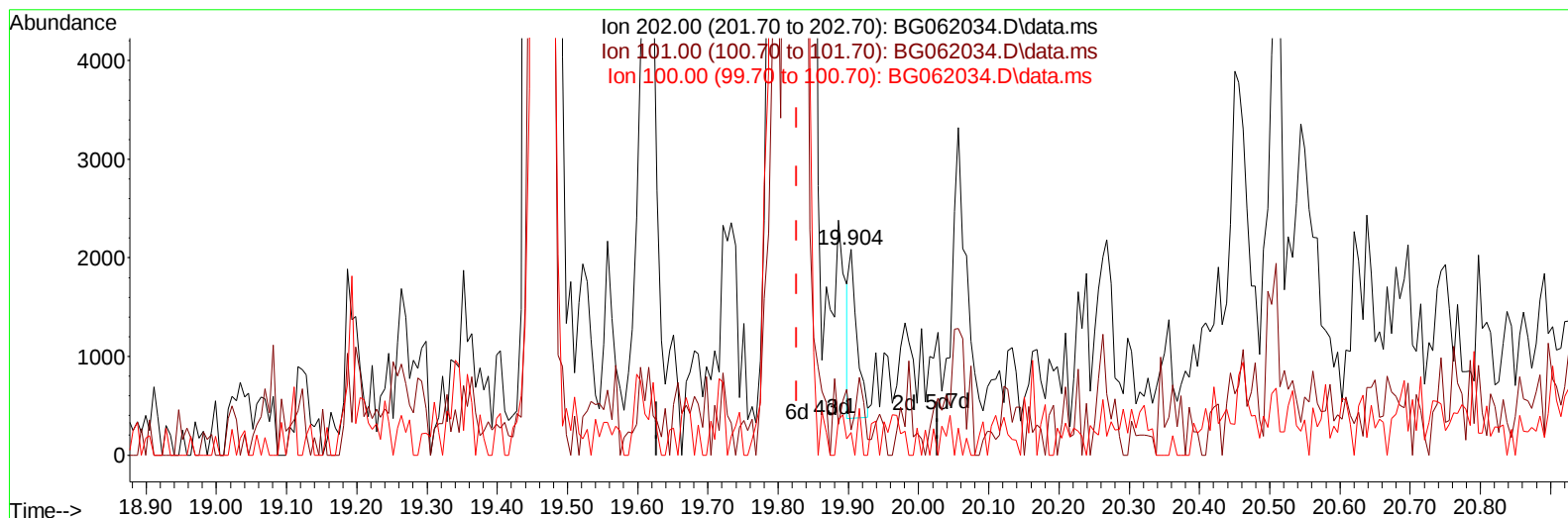
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(82) Pyrene

19.904min (+ 0.077) 0.04 ng/u1

response 1321

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.31
100.00	9.50	10.92
0.00	0.00	0.00

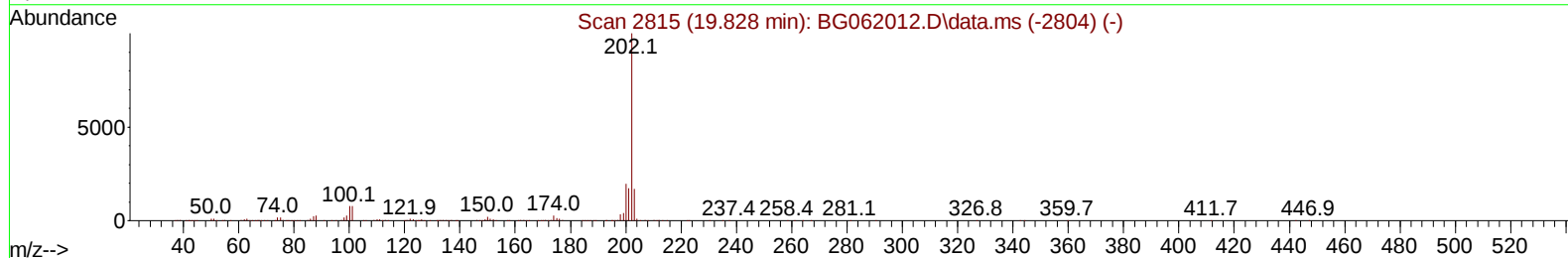
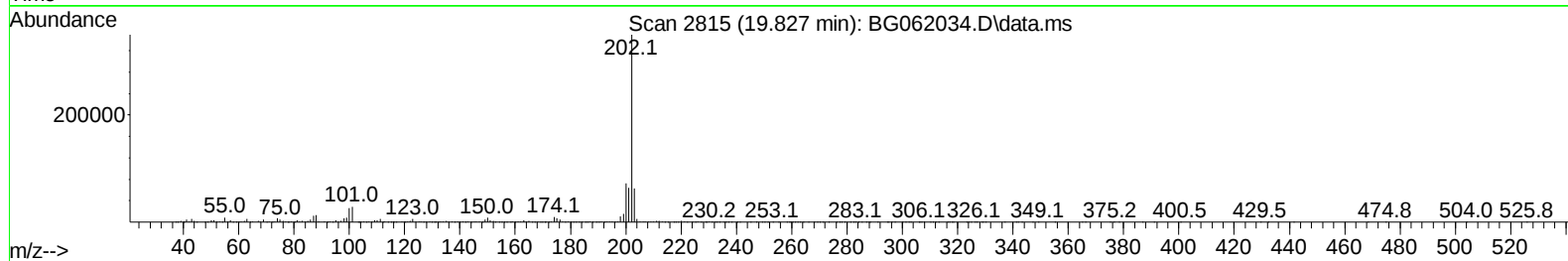
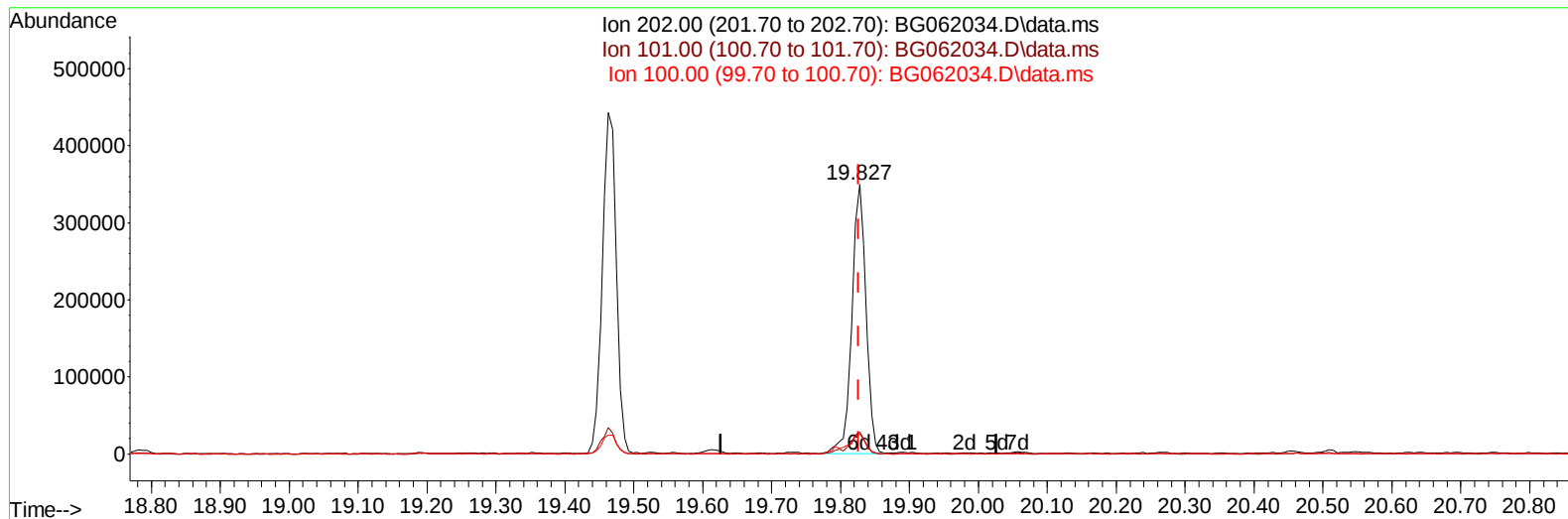
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(82) Pyrene

19.827min (+ 0.001) 16.32 ng/ul m

response 496106

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	8.24#
100.00	9.50	7.55#
0.00	0.00	0.00

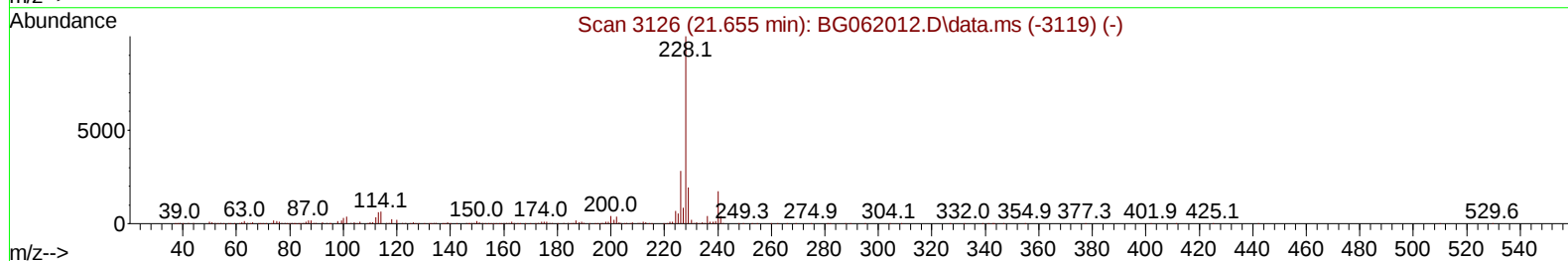
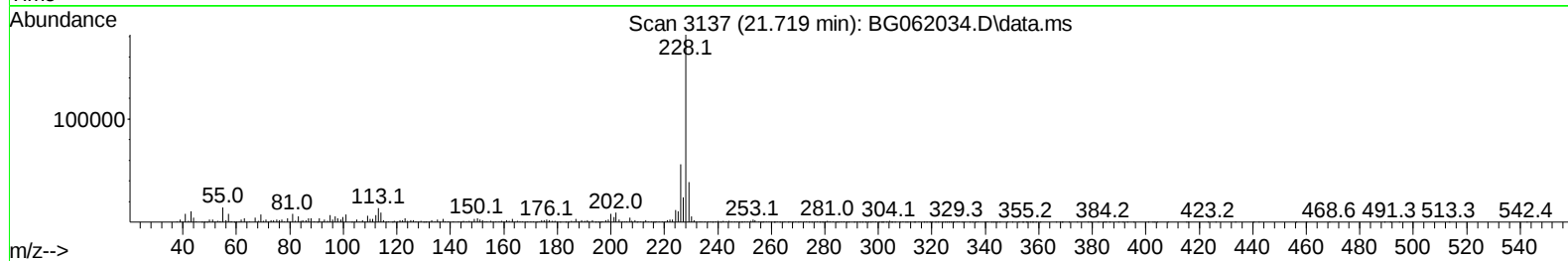
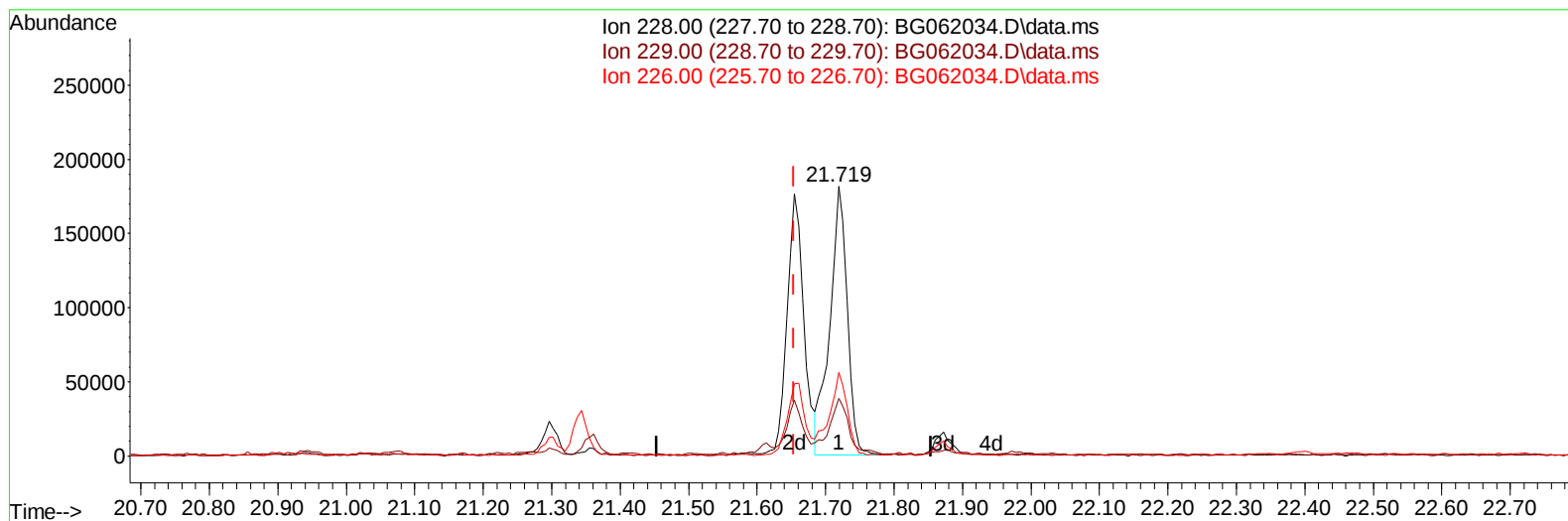
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(85) Benzo(a)anthracene

21.719min (+ 0.065) 10.47 ng/u1

response 320580

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.48
226.00	27.10	31.03
0.00	0.00	0.00

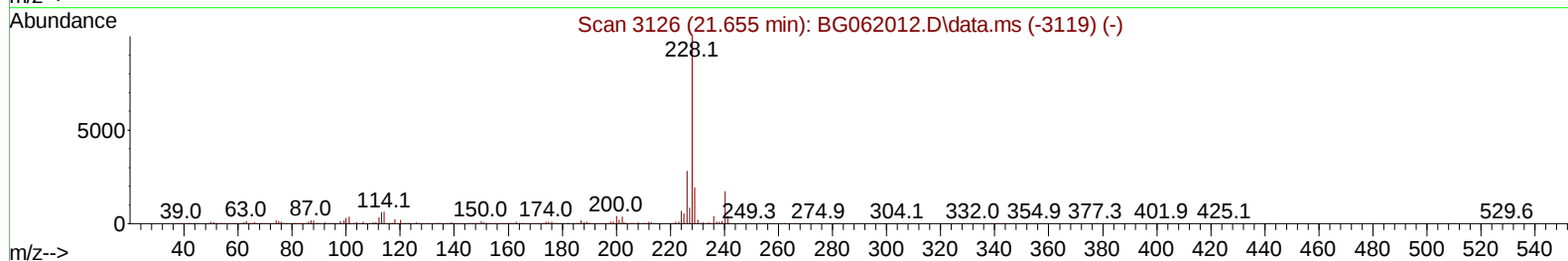
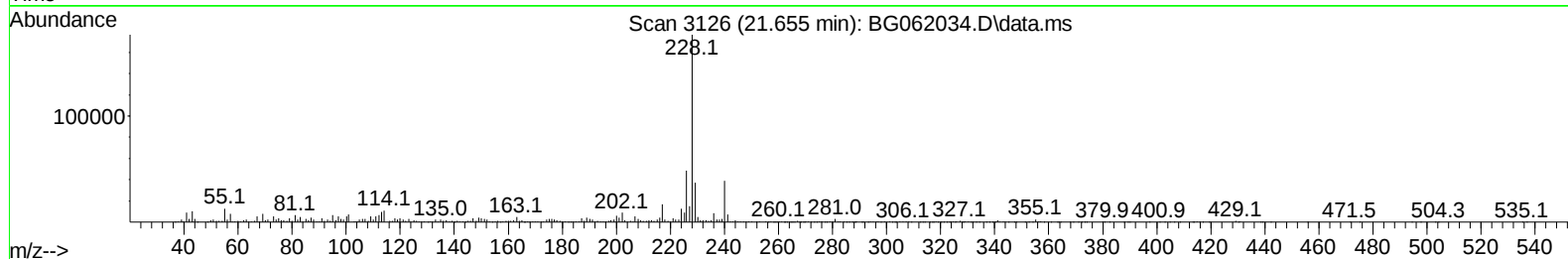
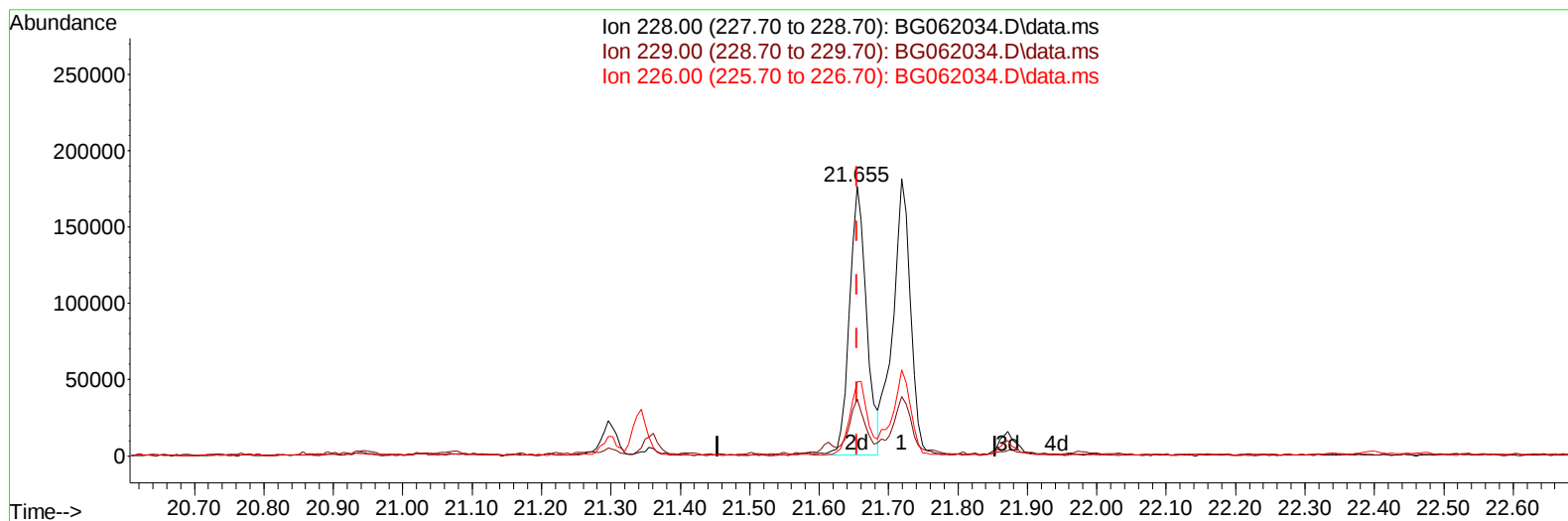
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:39:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(85) Benzo(a)anthracene

21.655min (+ 0.001) 9.80 ng/ul m

response 299998

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.23
226.00	27.10	27.57
0.00	0.00	0.00

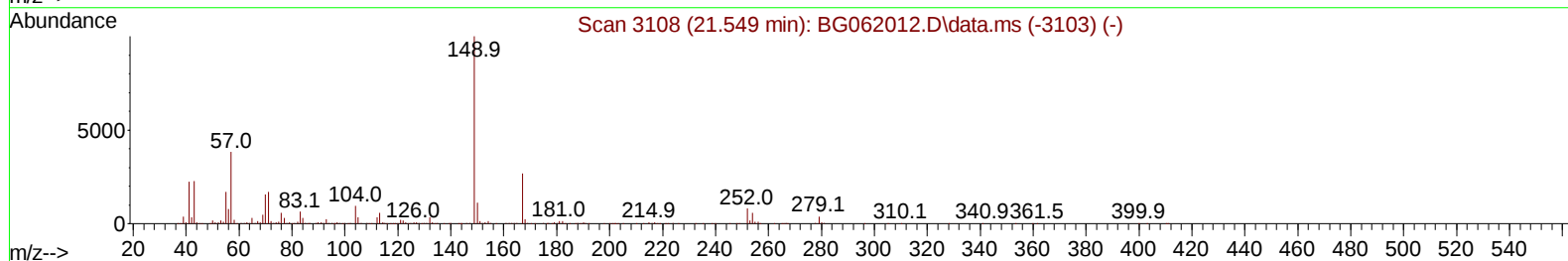
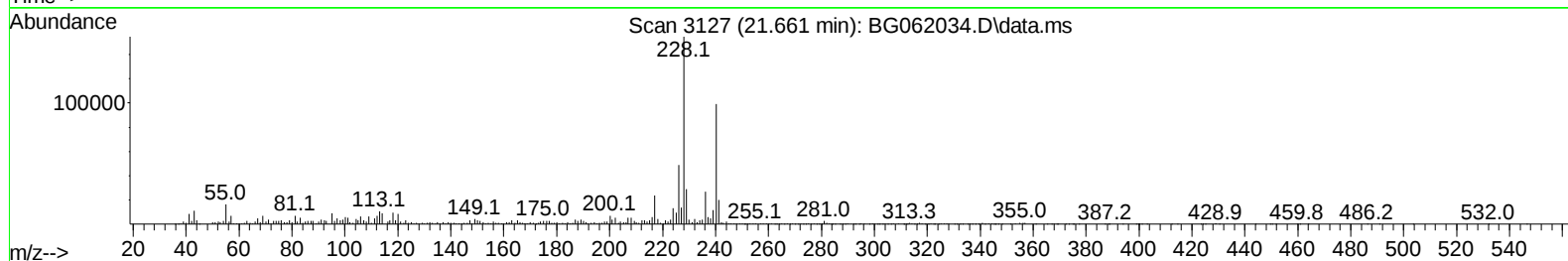
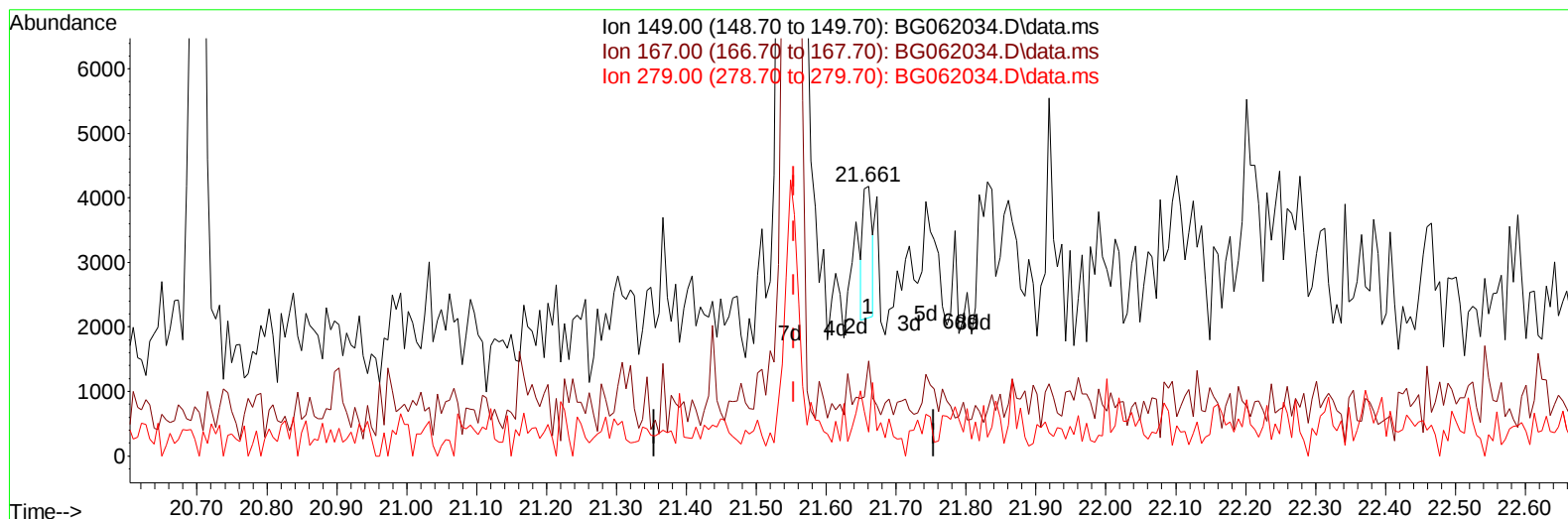
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.661min (+ 0.106) 0.10 ng/u1

response 1884

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	27.10	35.29#
279.00	3.50	8.86#
0.00	0.00	0.00

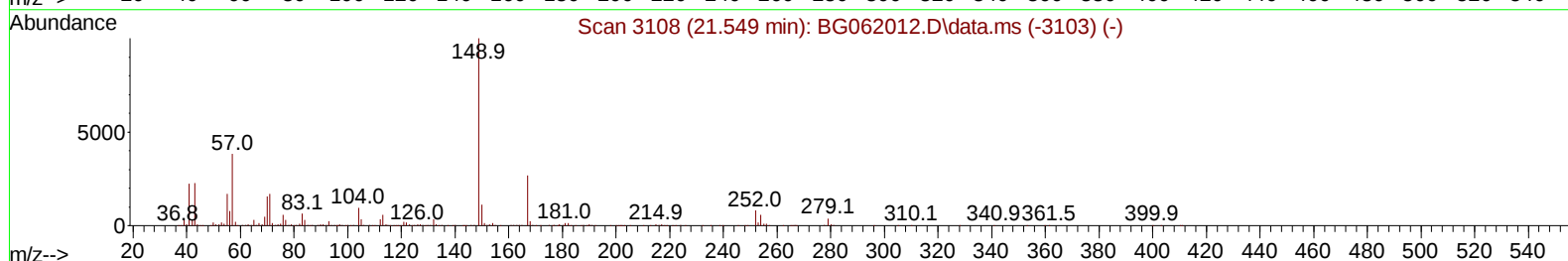
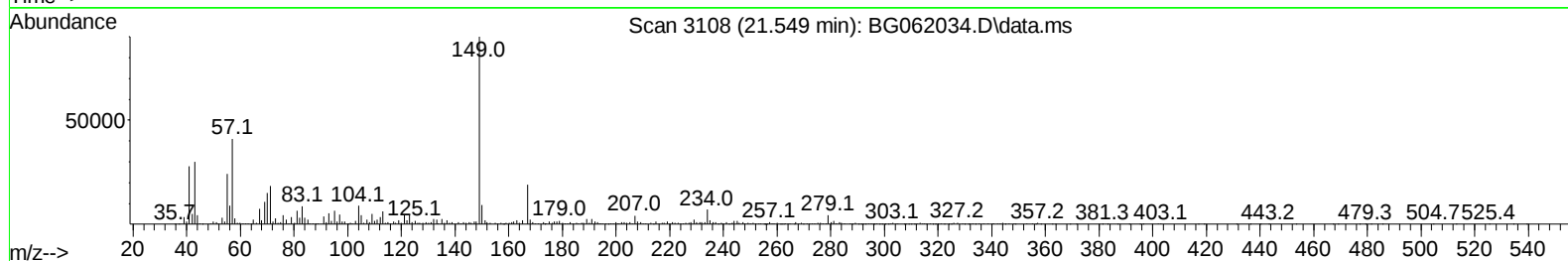
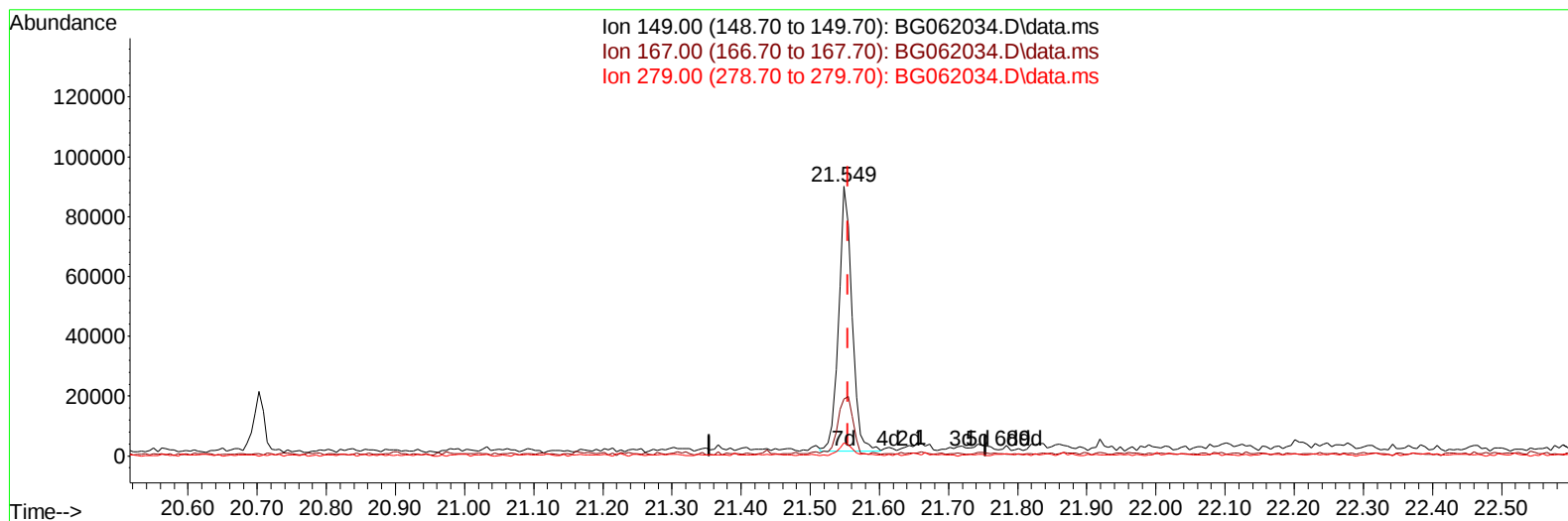
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.549min (-0.005) 6.43 ng/ul m

response 117702

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	27.10	21.05#
279.00	3.50	4.75#
0.00	0.00	0.00

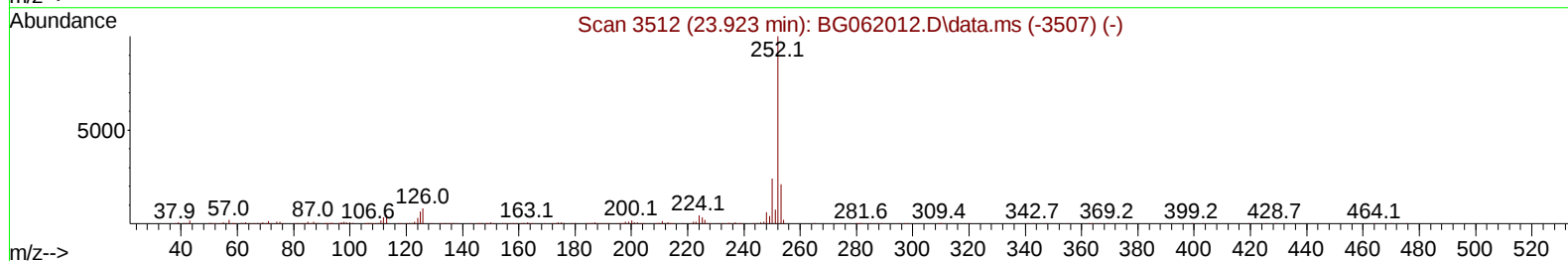
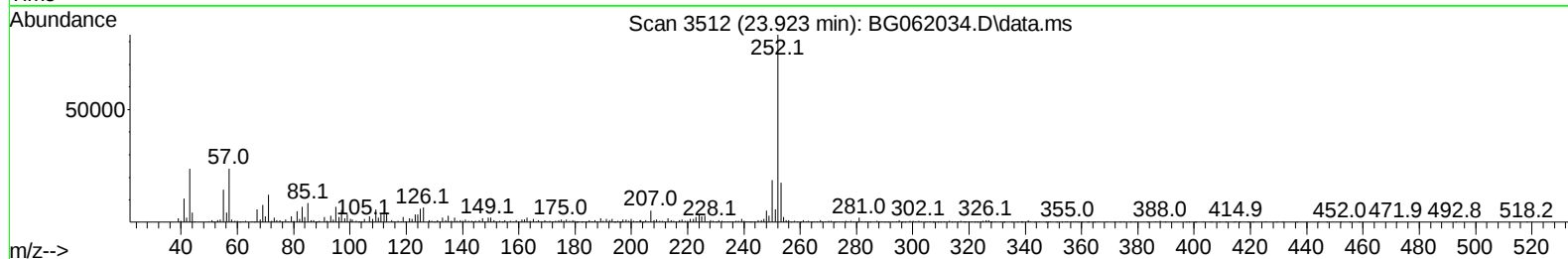
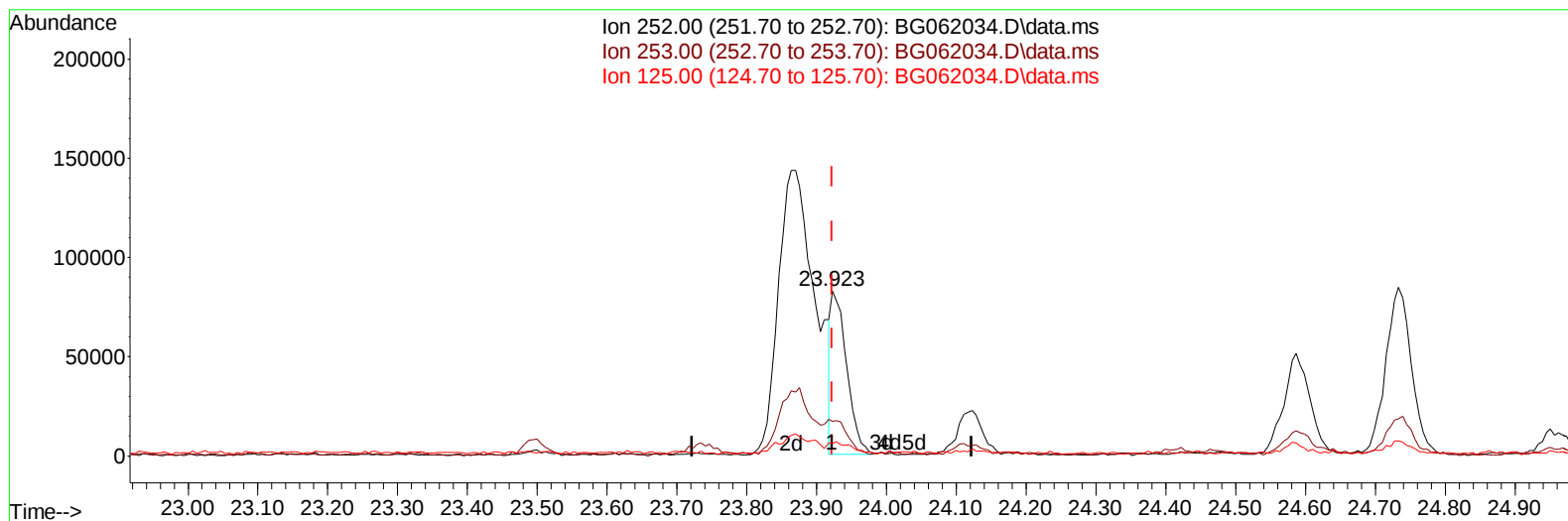
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(91) Benzo(k)fluoranthene

23.923min (+ 0.001) 3.96 ng/u1

response 128780

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.07
125.00	7.90	7.45
0.00	0.00	0.00

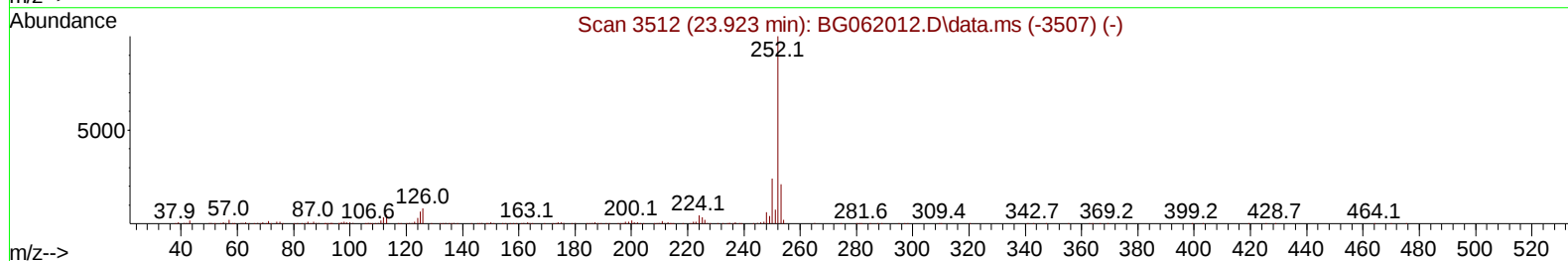
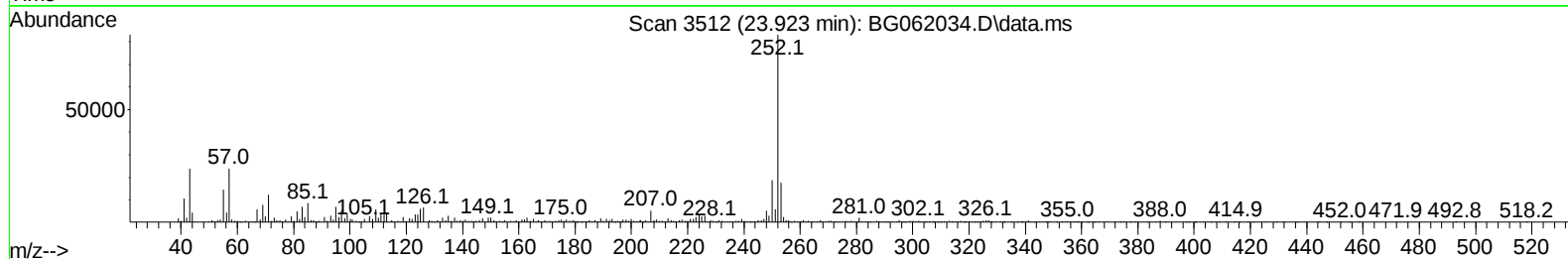
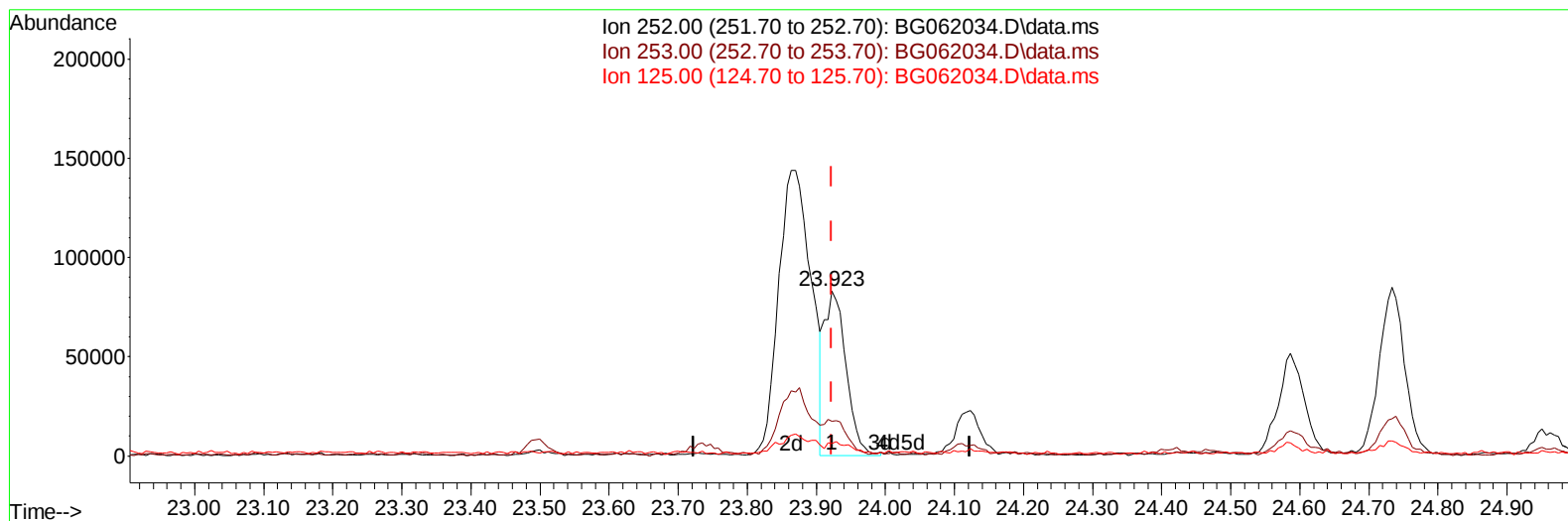
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(91) Benzo(k)fluoranthene

23.923min (+ 0.001) 5.57 ng/ul m

response 181022

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	21.07
125.00	7.90	7.45
0.00	0.00	0.00

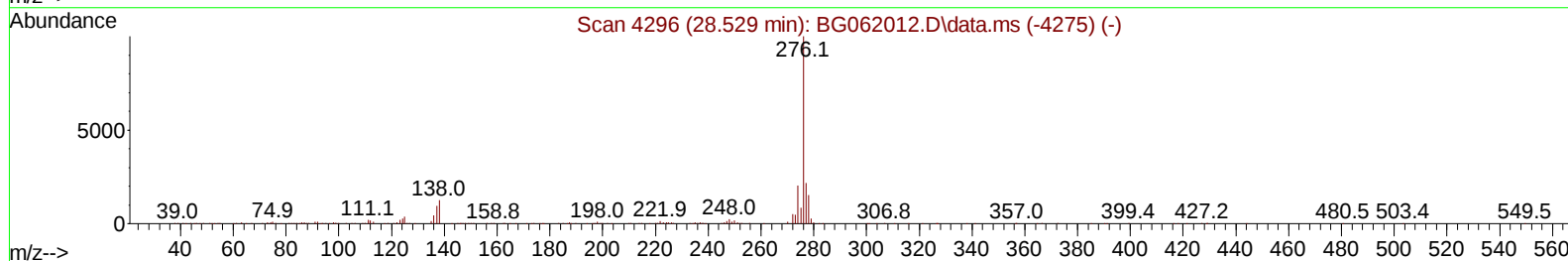
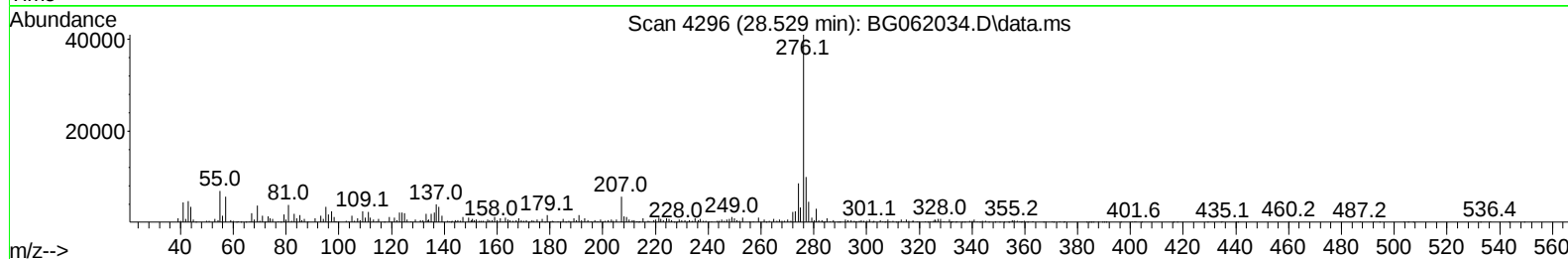
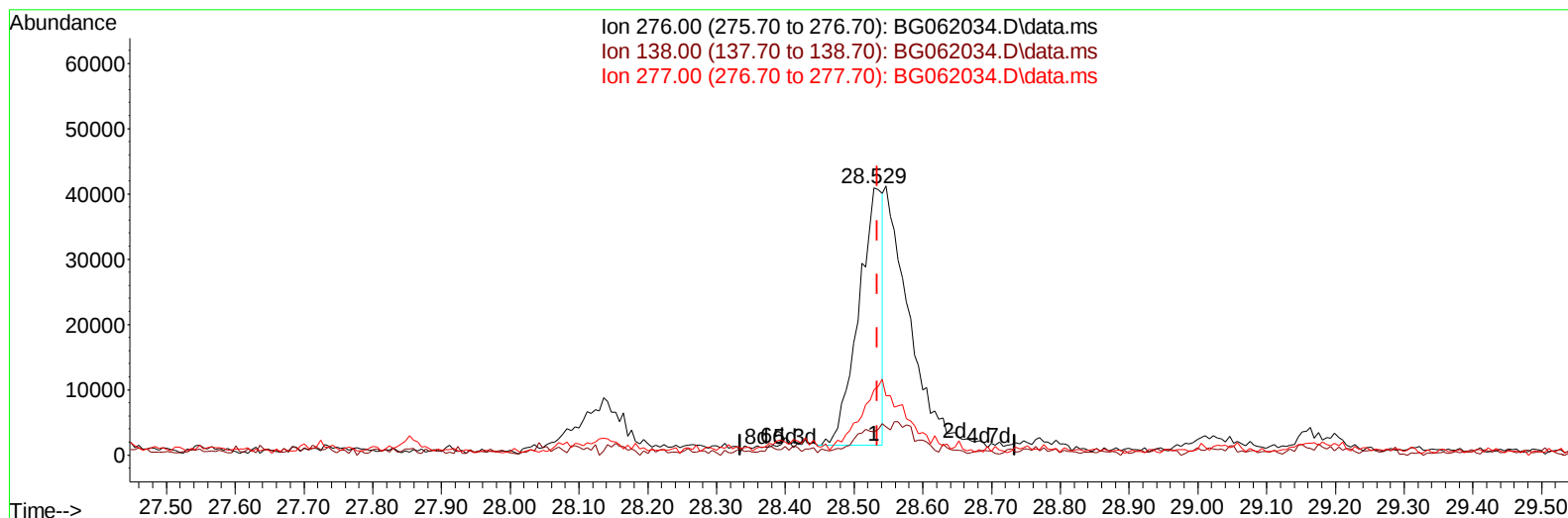
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

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

28.529min (-0.005) 2.43 ng/u1

response 95956

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	8.58#
277.00	24.10	24.29
0.00	0.00	0.00

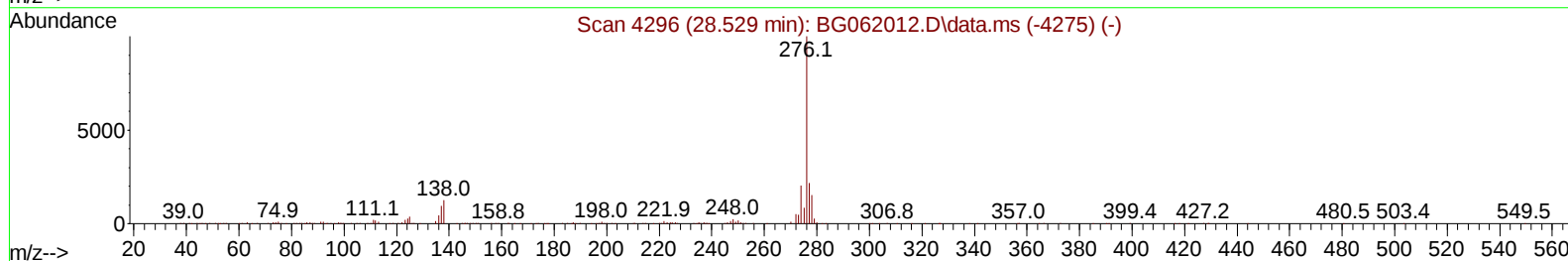
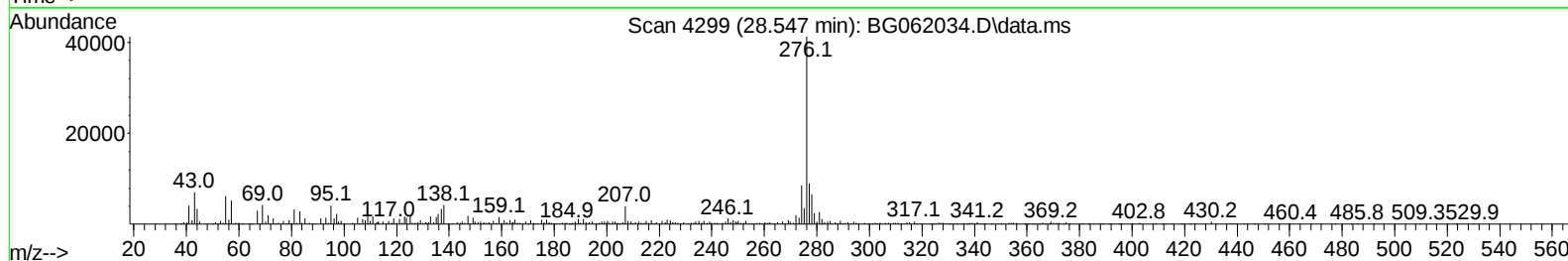
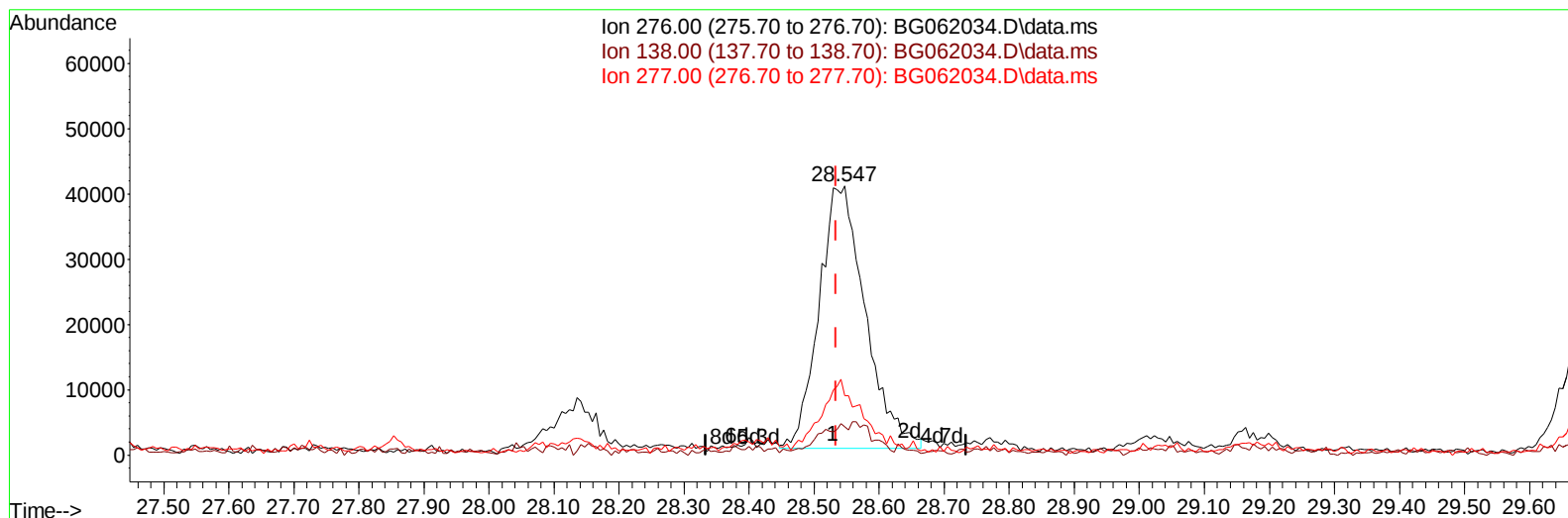
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

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

28.547min (+ 0.012) 5.02 ng/ul m

response 198056

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.42#
277.00	24.10	22.08
0.00	0.00	0.00

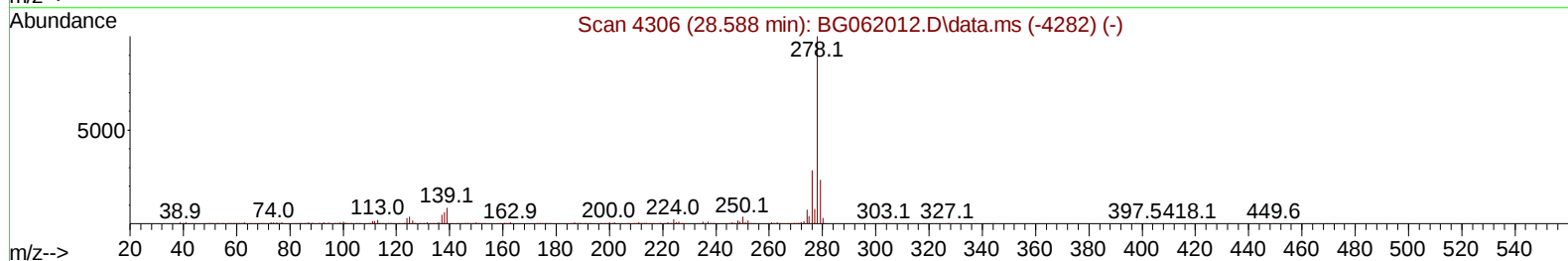
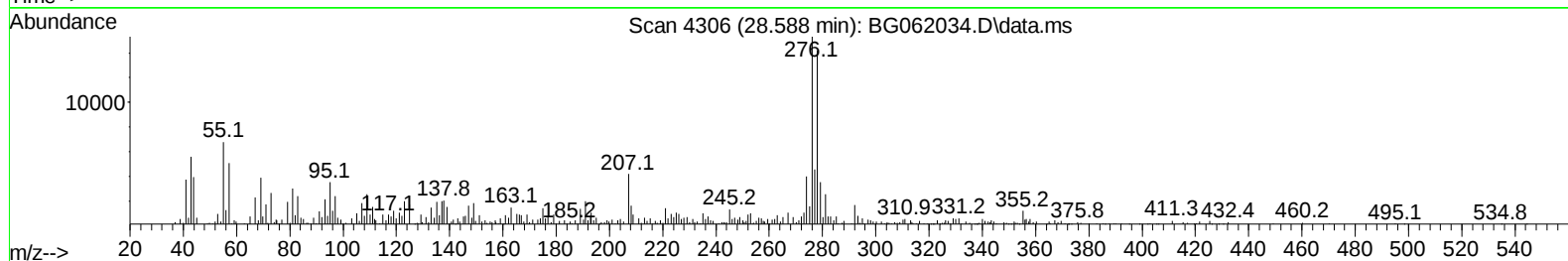
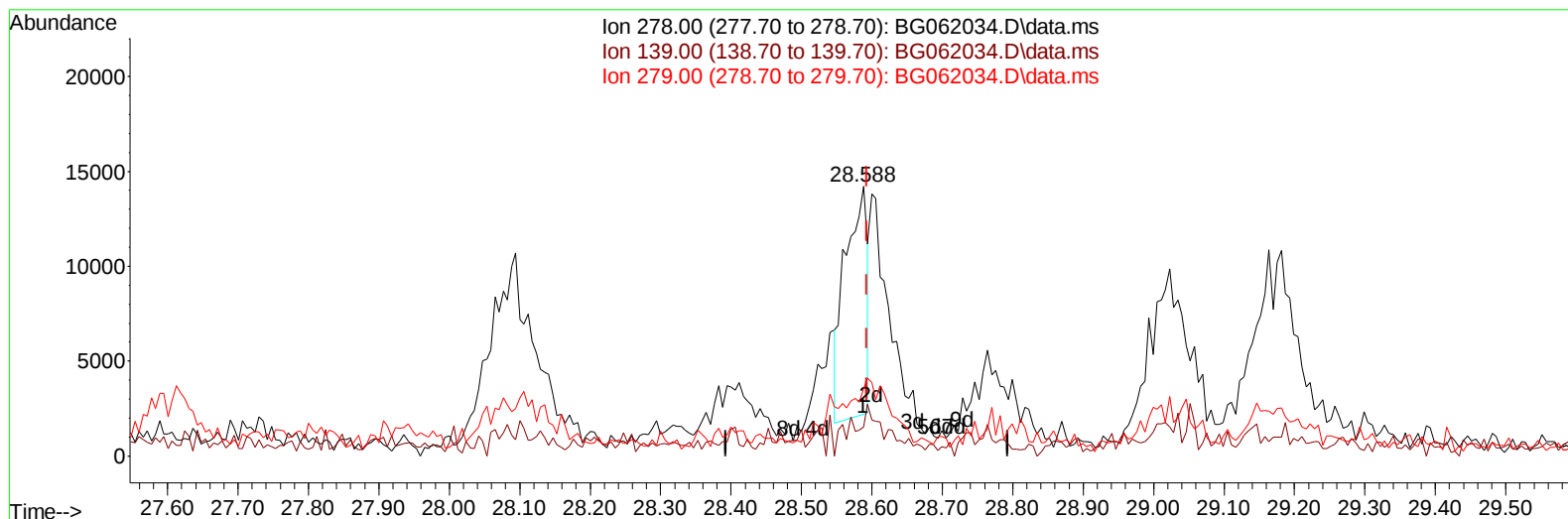
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:41:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(95) Dibenzo(a,h)anthracene

28.588min (-0.005) 0.80 ng/u1

response 26017

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.81
279.00	23.50	24.96
0.00	0.00	0.00

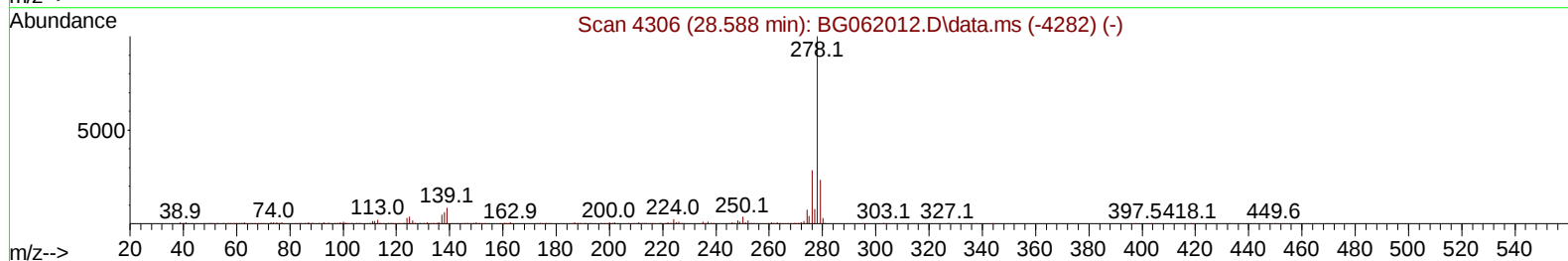
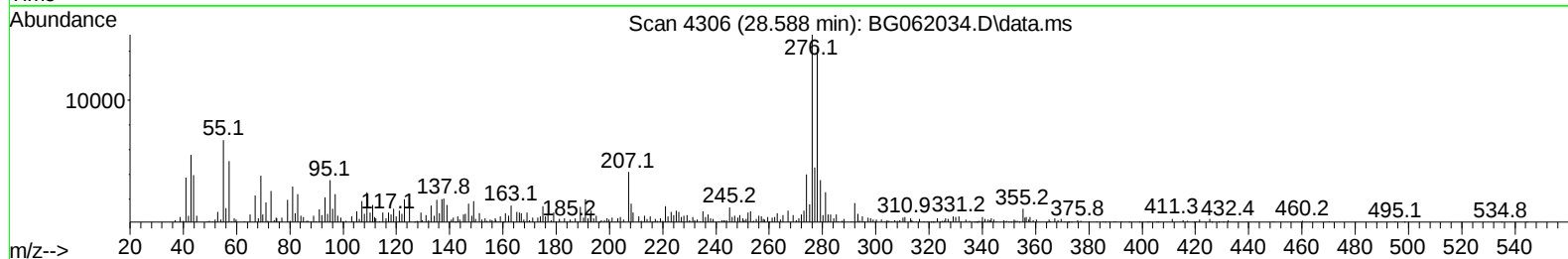
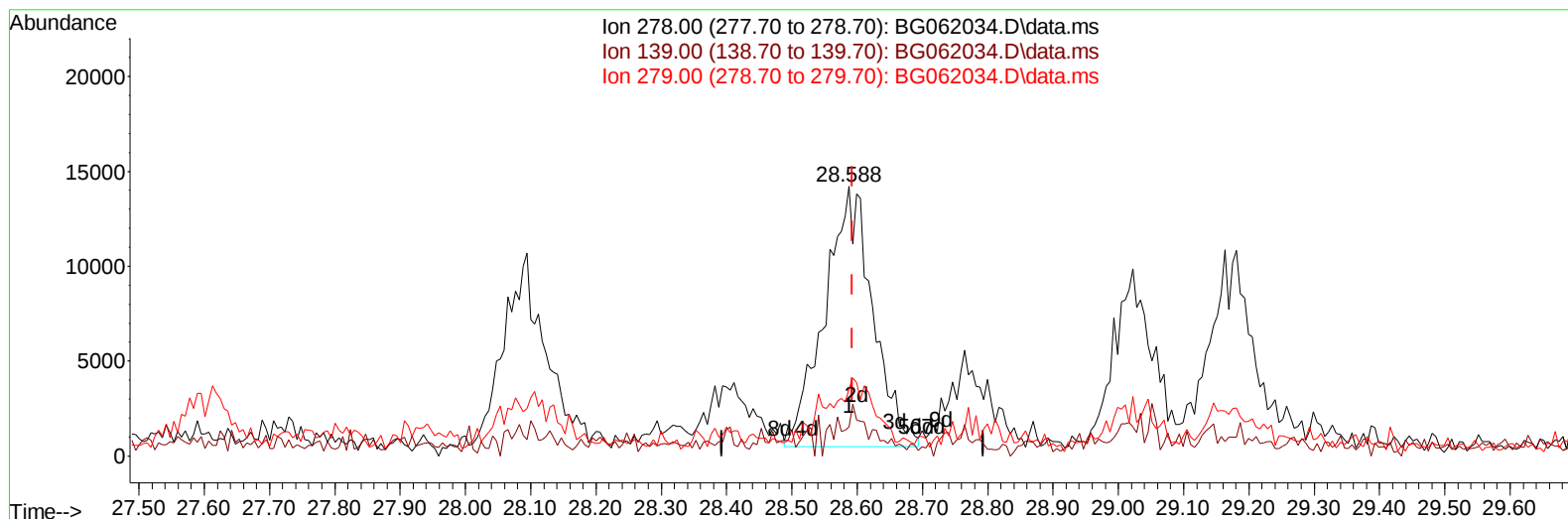
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

(95) Dibenzo(a,h)anthracene

28.588min (-0.005) 2.15 ng/ul m

response 70127

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	10.81
279.00	23.50	24.96
0.00	0.00	0.00

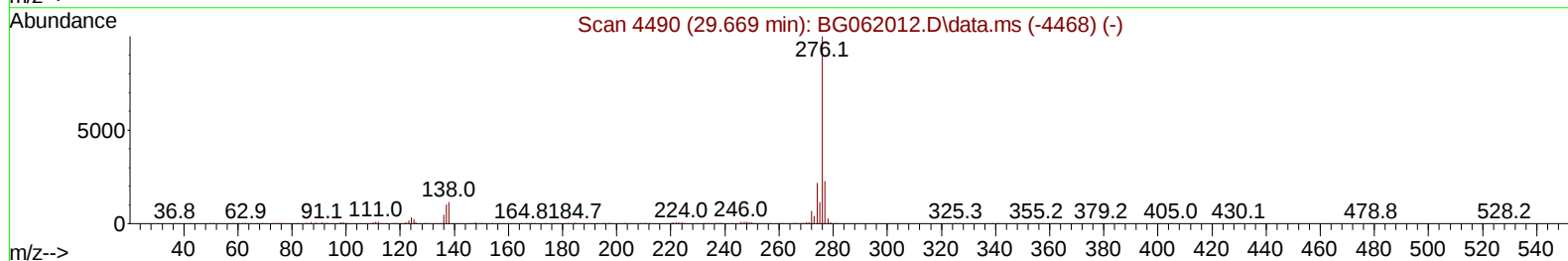
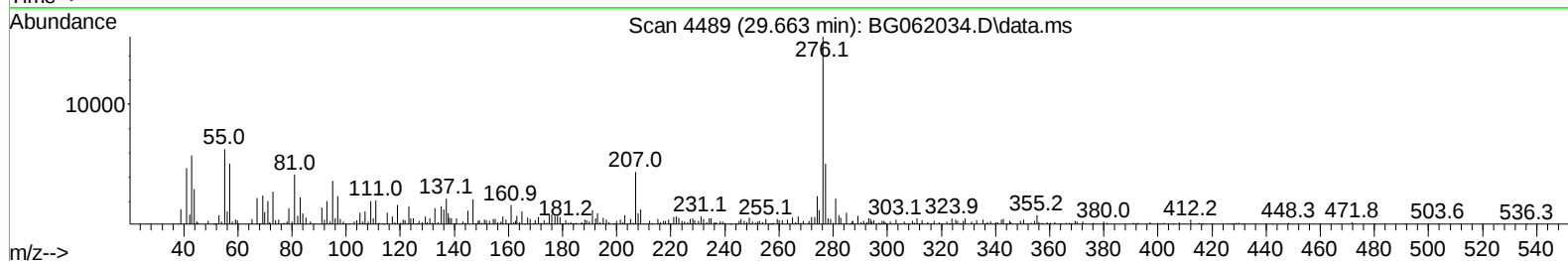
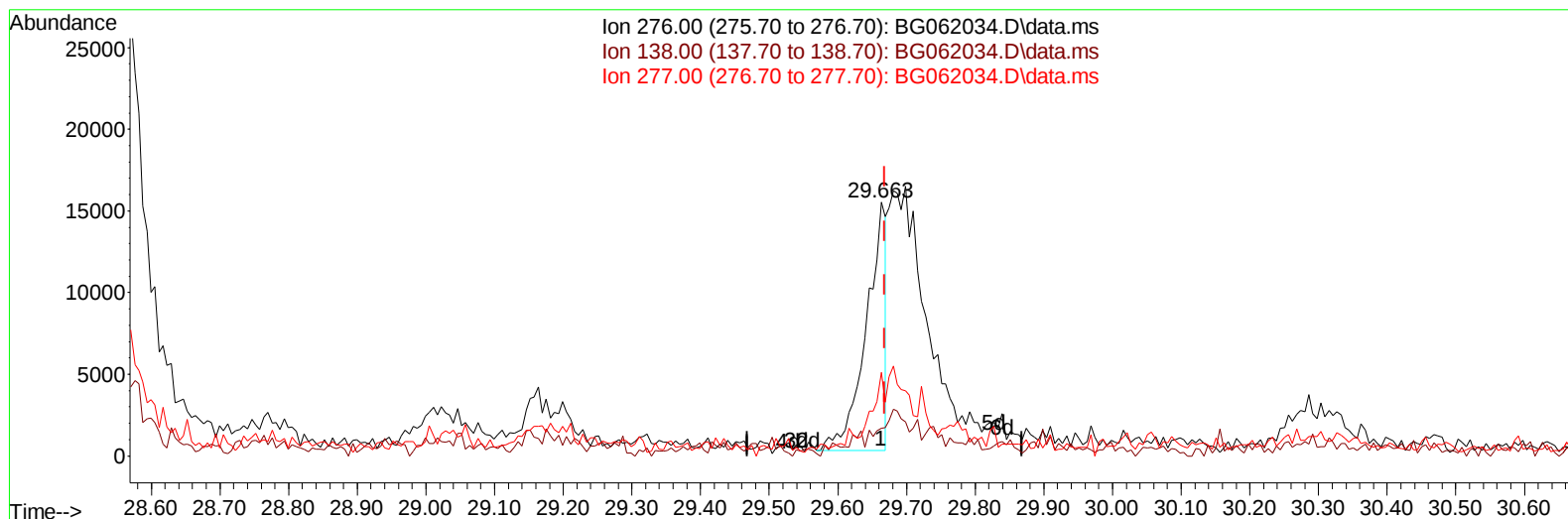
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

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

29.663min (-0.005) 0.98 ng/u1

response 30664

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	10.88#
277.00	23.50	32.91#
0.00	0.00	0.00

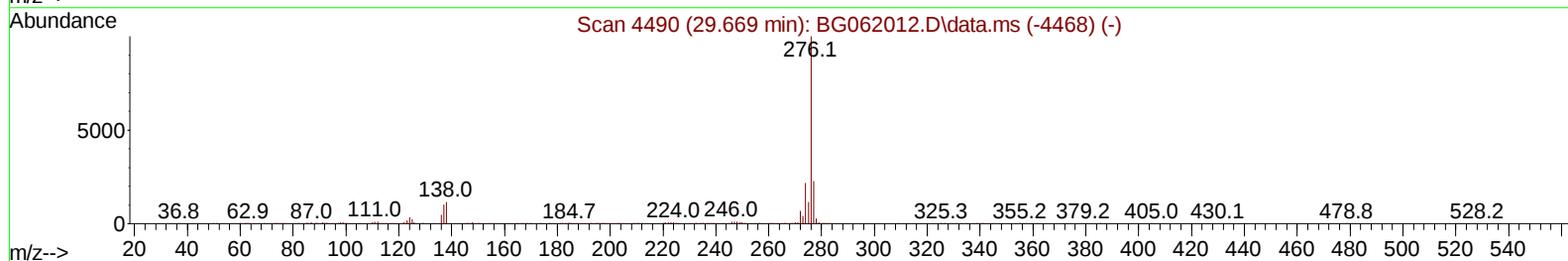
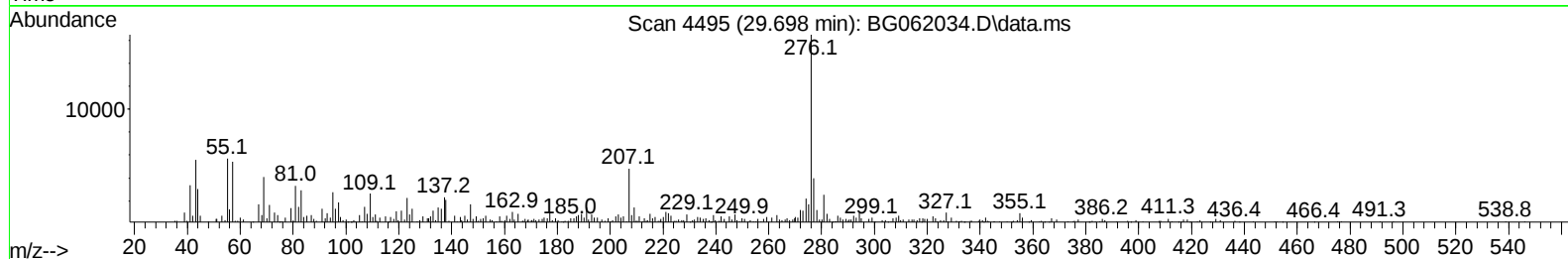
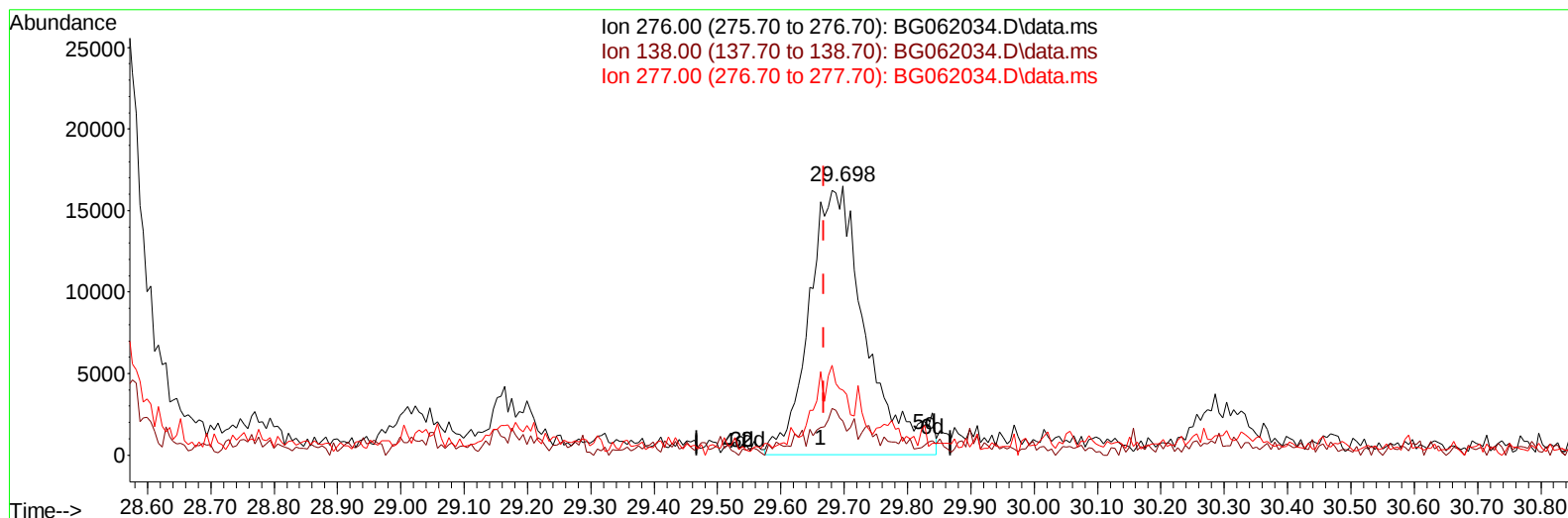
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062034.D
Acq On : 12 Jul 2024 8:42
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062034.D\data.ms

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

29.698min (+ 0.030) 3.24 ng/u1 m

response 101621

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.55
277.00	23.50	24.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 09:42:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.035	152	65932	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	308026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	208872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	470267m	20.000	ng/ul	0.00
79) Chrysene-d12	21.678	240	422828m	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	516978	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6902	3.934	ng/uL	0.00
4) Pyridine-d5	3.858	84	21708	4.024	ng/ul	0.00
7) Phenol-d5	7.201	99	167329	23.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	101720	22.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	120538	24.354	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	115401	20.313	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	60735	25.926	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	74603	27.886	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	138149	26.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	61253	8.176	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	432861	25.207	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	476428	26.533	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	57408	20.934	ng/ul	0.00
60) Fluorene-d10	15.662	176	379081	26.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	44882m	18.173	ng/ul	0.00
73) Anthracene-d10	17.513	188	580405m	26.435	ng/ul	0.00
81) Pyrene-d10	19.798	212	605158	24.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.669	264	525693	20.503	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.460	178	282214	11.381	ng/ul	98
74) Anthracene	17.548	178	47705m	1.862	ng/ul	
80) Fluoranthene	19.463	202	629644m	21.393	ng/ul	
82) Pyrene	19.827	202	496106m	16.318	ng/ul	
83) Butylbenzylphthalate	20.703	149	21262	1.666	ng/ul	97
85) Benzo(a)anthracene	21.655	228	299998m	9.799	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.549	149	117702m	6.428	ng/ul	
87) Chrysene	21.719	228	320580	11.186	ng/ul	96
90) Benzo(b)fluoranthene	23.864	252	467721	14.360	ng/ul	98
91) Benzo(k)fluoranthene	23.923	252	181022m	5.573	ng/ul	
93) Benzo(a)pyrene	24.733	252	213340	6.917	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.547	276	198056m	5.025	ng/ul	
95) Dibenzo(a,h)anthracene	28.588	278	70127m	2.154	ng/ul	
96) Benzo(g,h,i)perylene	29.698	276	101621m	3.241	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
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