

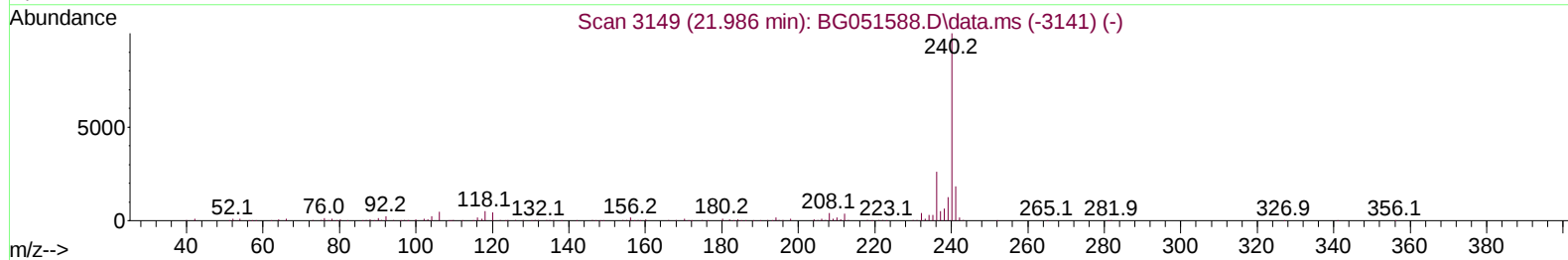
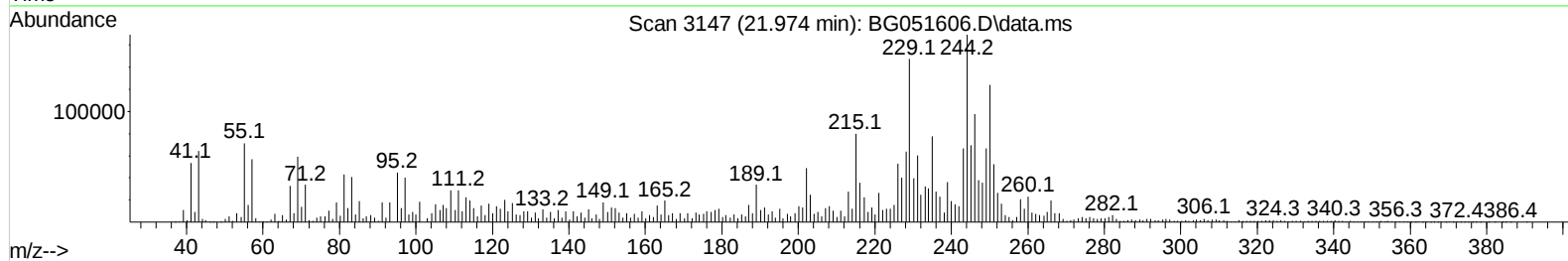
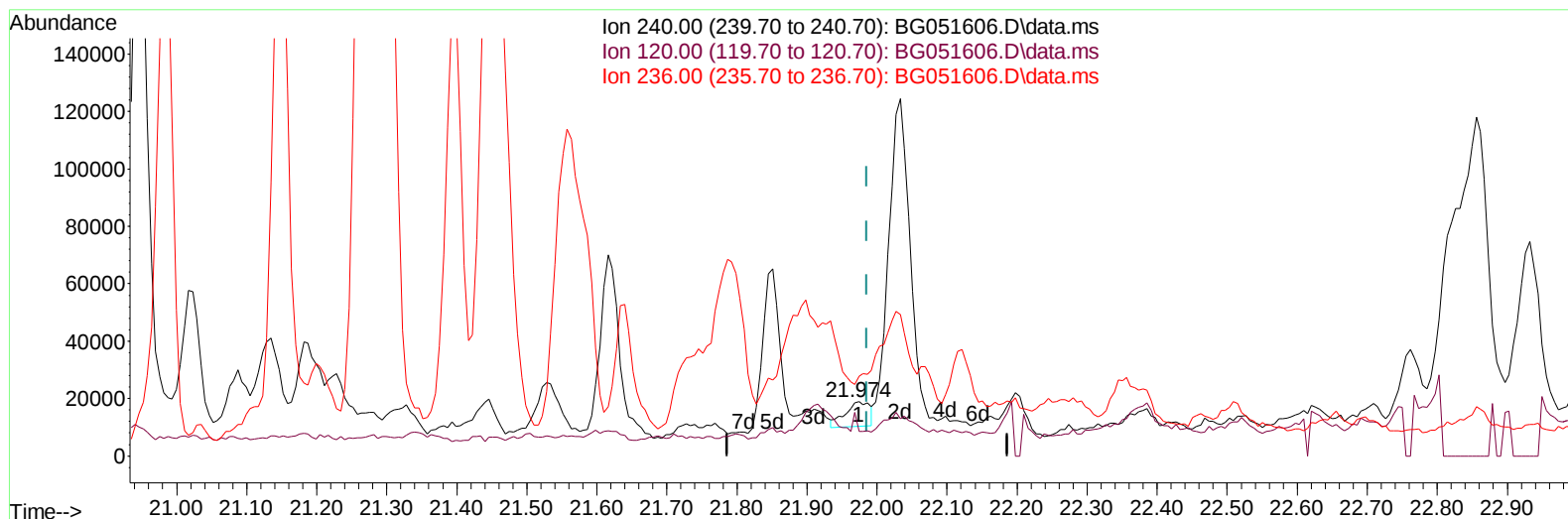
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(79) Chrysene-d12 (I)

21.974min (-0.011) 20.00 ng/u1

response 21408

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	44.46#
236.00	26.70	146.30#
0.00	0.00	0.00

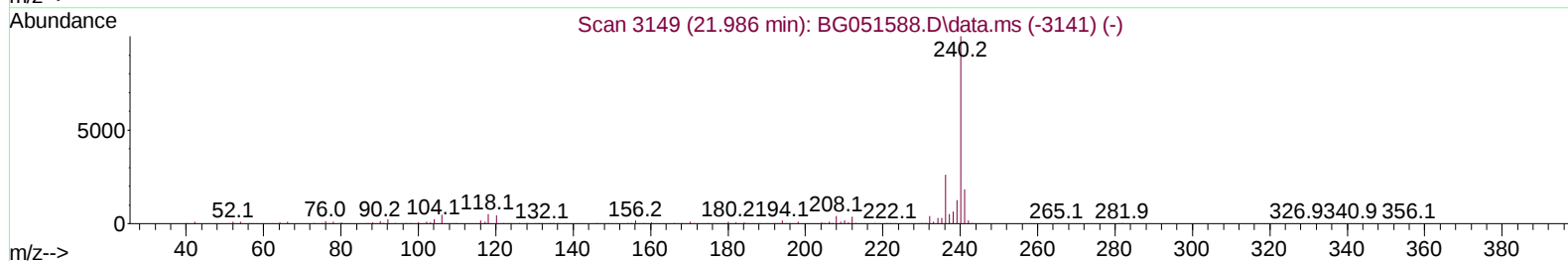
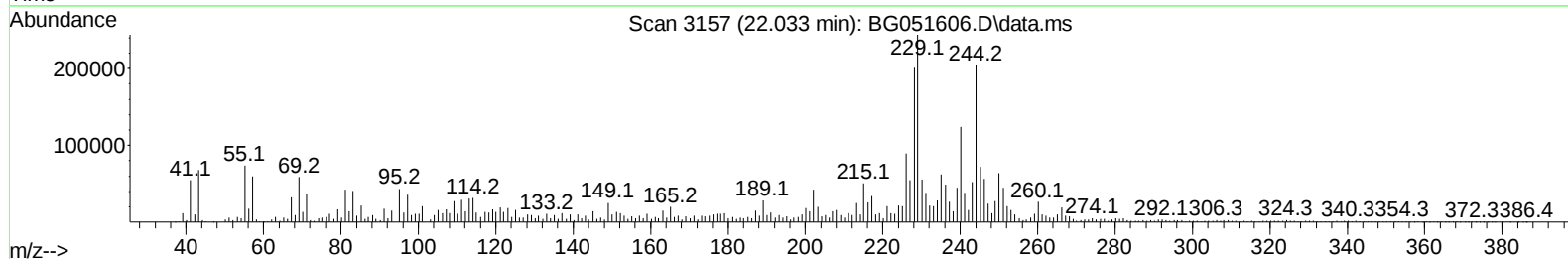
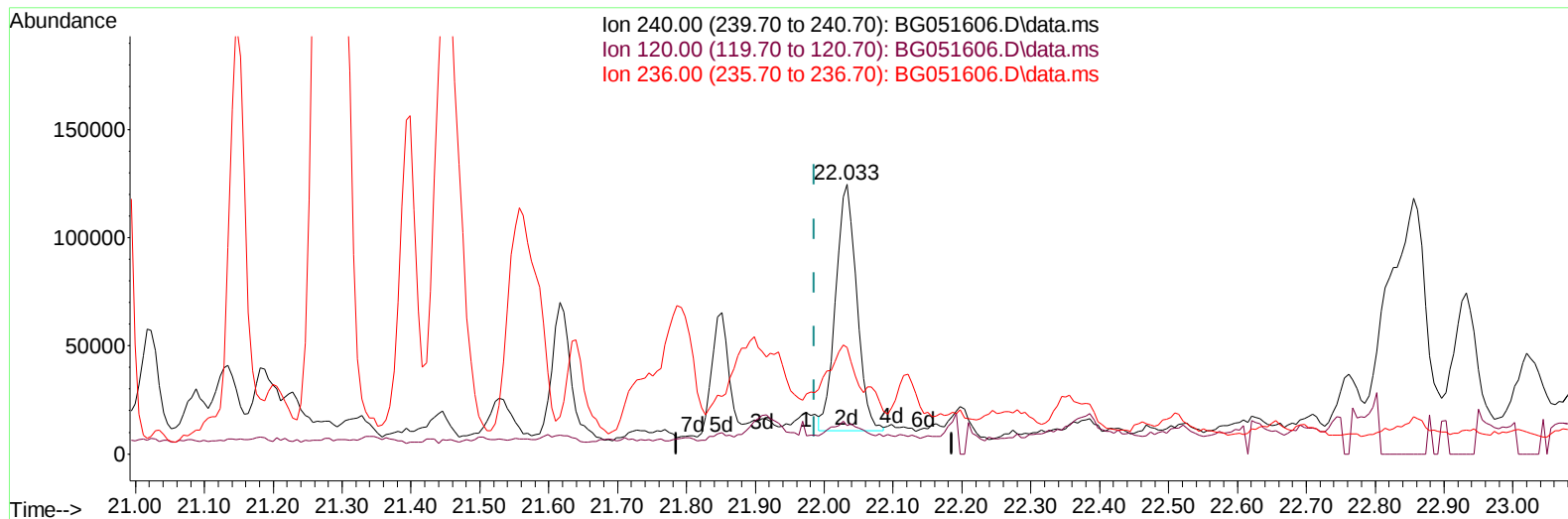
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(79) Chrysene-d12 (I)

22.033min (+ 0.047) 20.00 ng/ul m

response 241322

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.50	10.47
236.00	26.70	39.53#
0.00	0.00	0.00

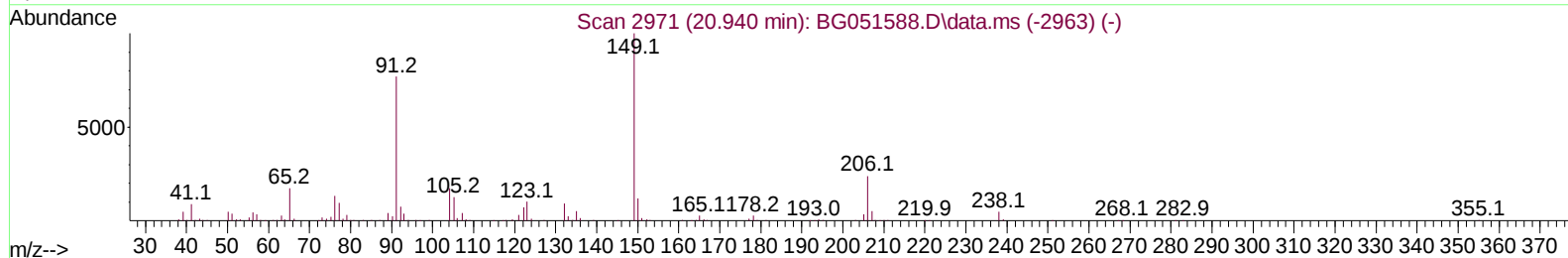
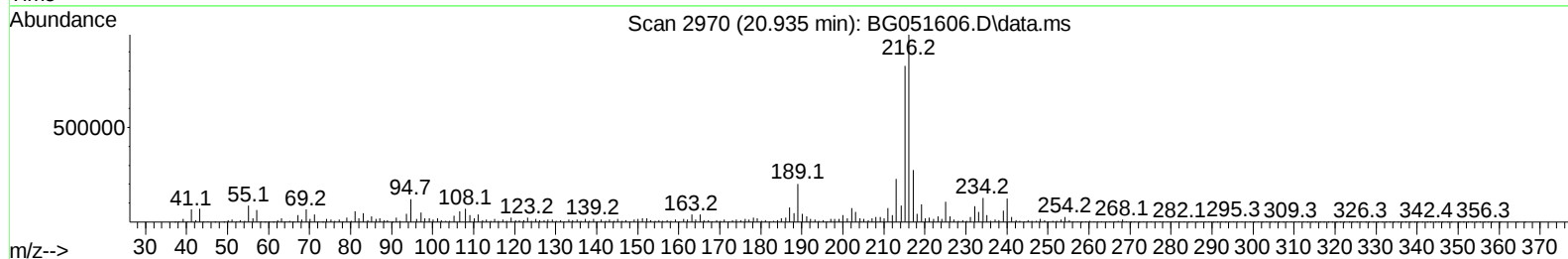
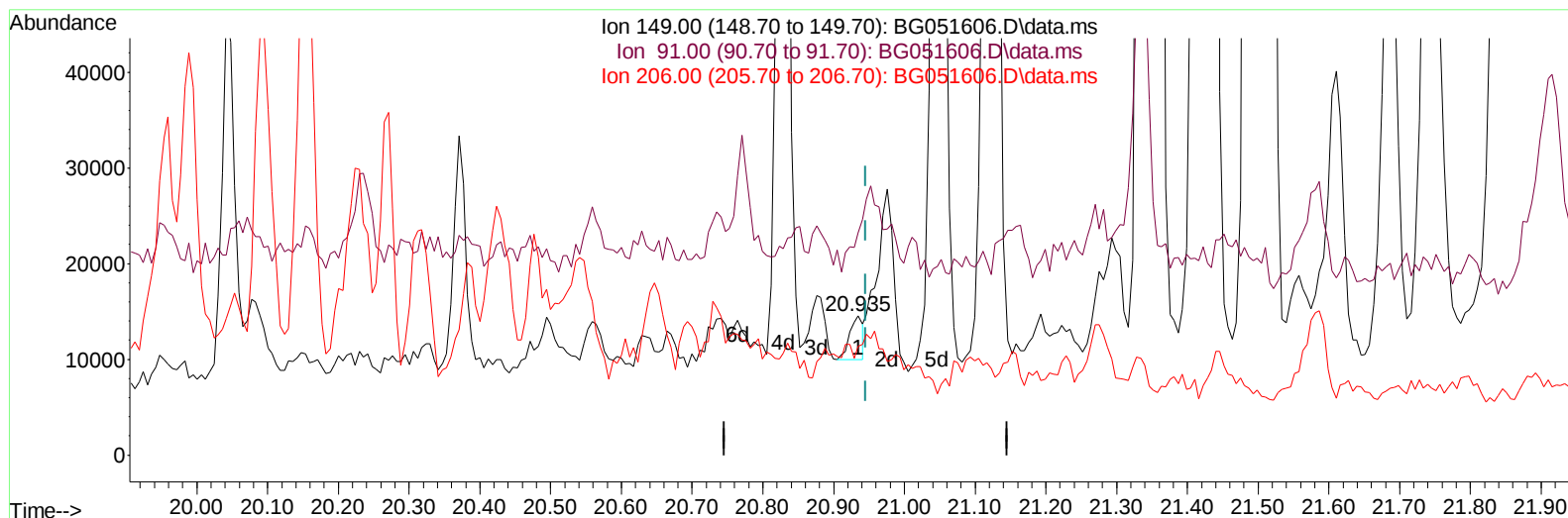
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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QLast Update : Tue Dec 14 14:19:57 2021
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Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(83) Butylbenzylphthalate

20.935min (-0.011) 1.04 ng/ul

response 5775

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	159.32#
206.00	20.20	78.16#
0.00	0.00	0.00

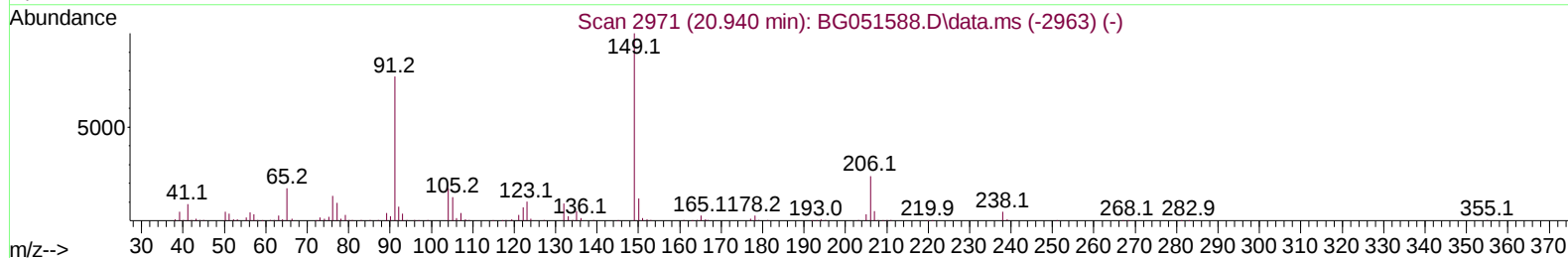
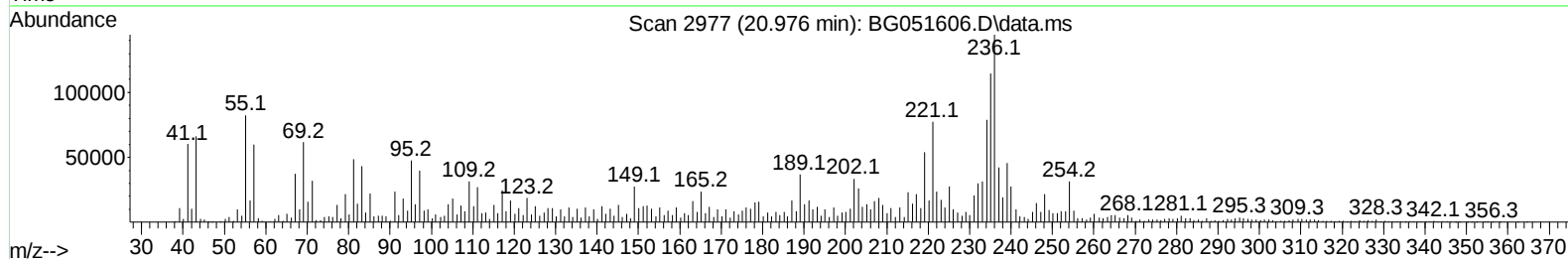
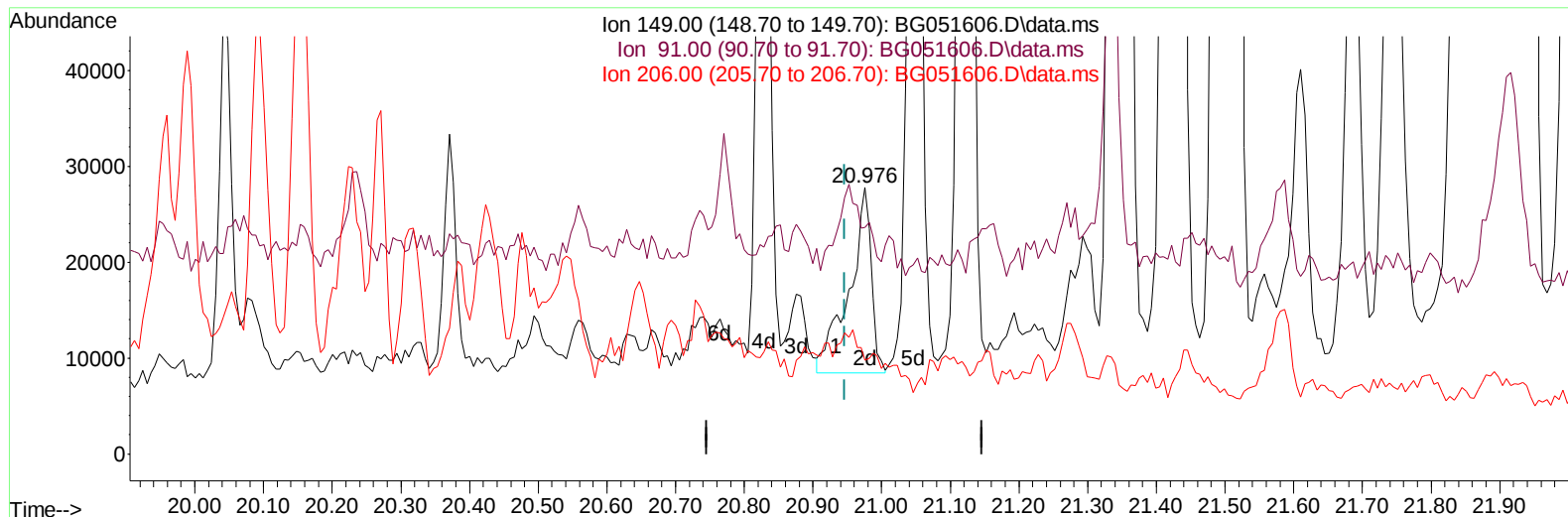
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(83) Butylbenzylphthalate

20.976min (+ 0.030) 7.80 ng/ul m

response 43153

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	84.86
206.00	20.20	35.10#
0.00	0.00	0.00

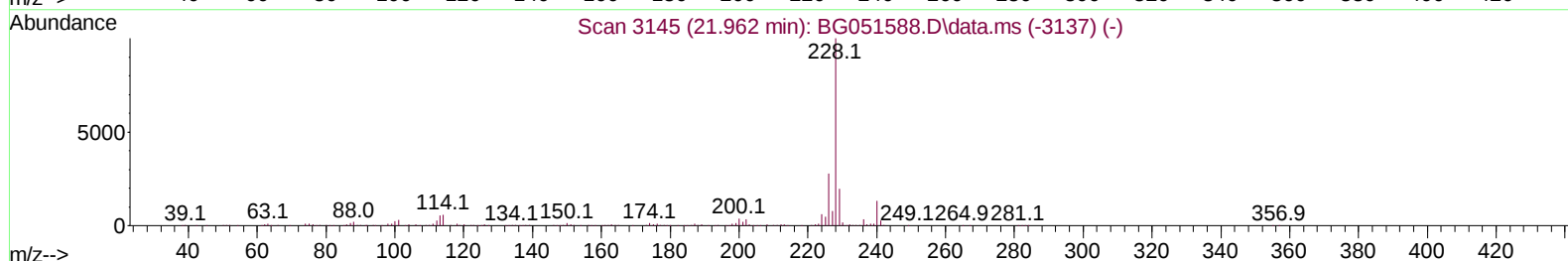
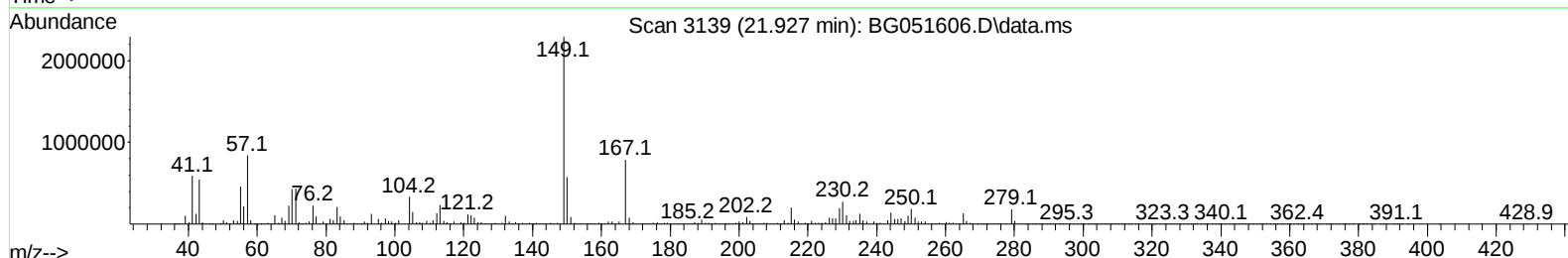
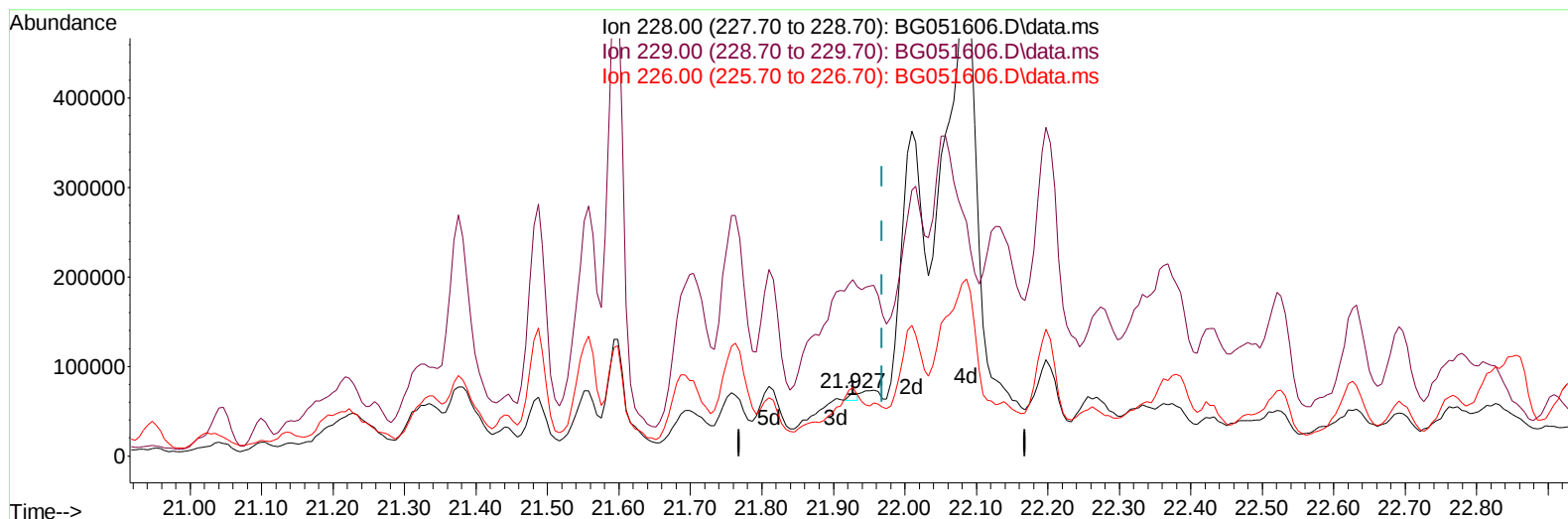
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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TIC: BG051606.D\data.ms

(85) Benzo(a)anthracene

21.927min (-0.041) 0.46 ng/u1

response 7238

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	278.80#
226.00	27.90	108.18#
0.00	0.00	0.00

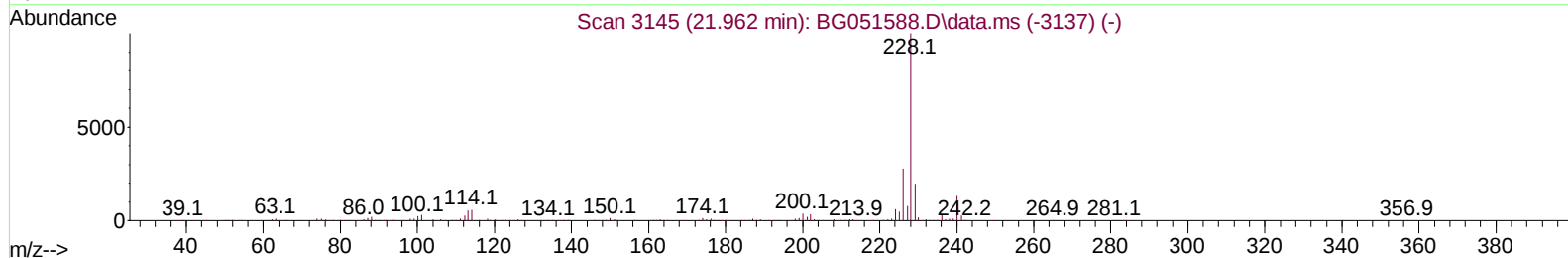
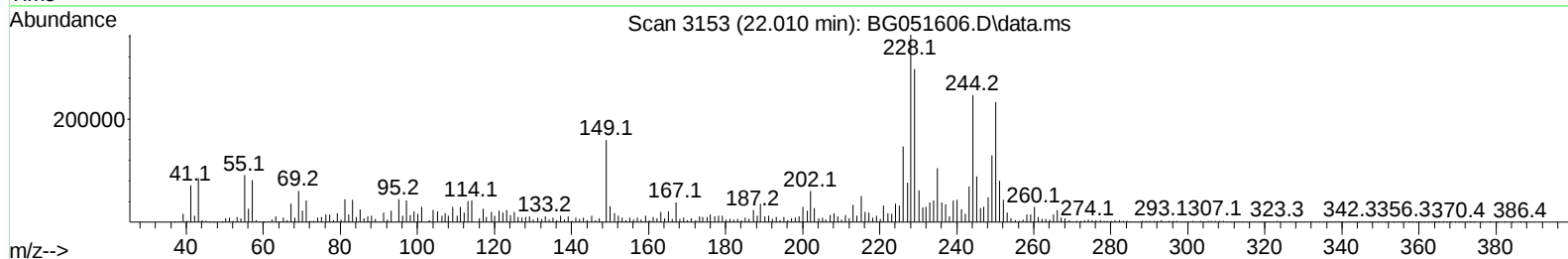
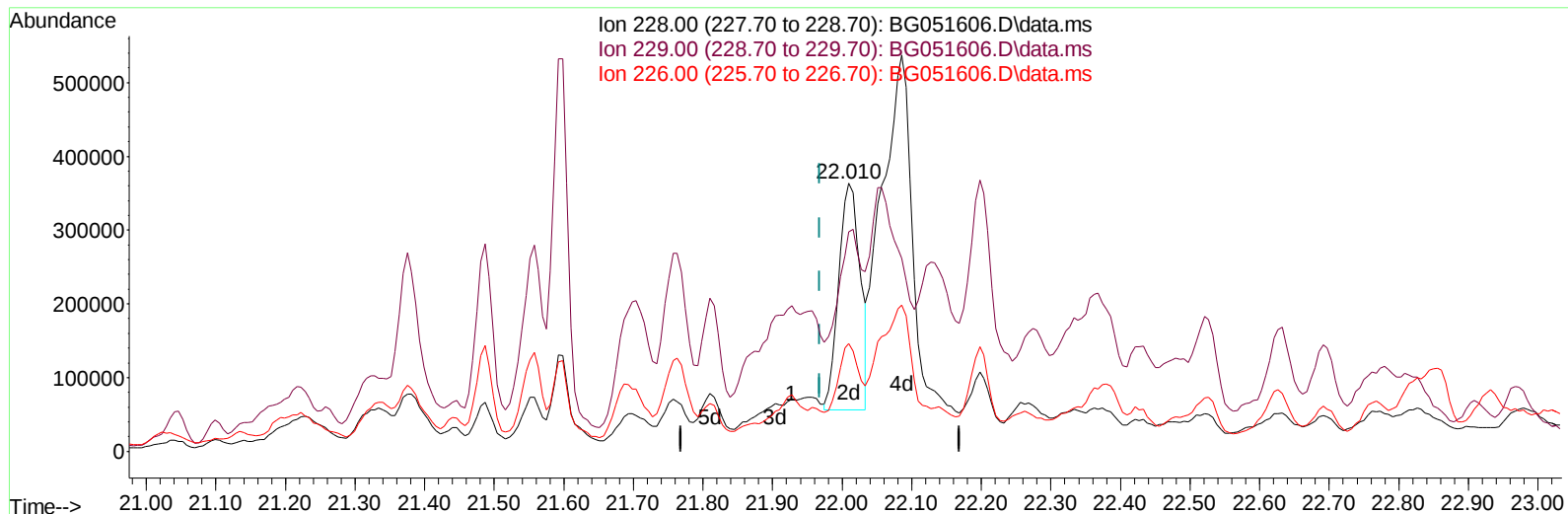
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(85) Benzo(a)anthracene

22.010min (+ 0.041) 42.09 ng/ul m

response 660791

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	81.84#
226.00	27.90	40.27#
0.00	0.00	0.00

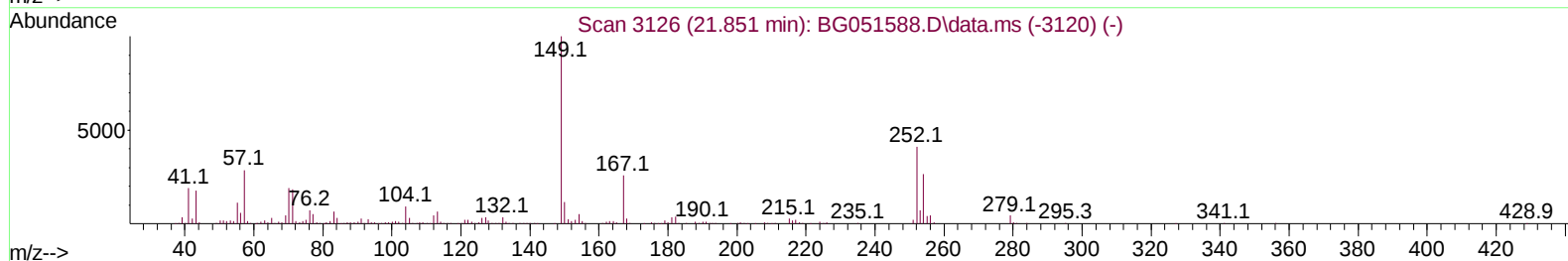
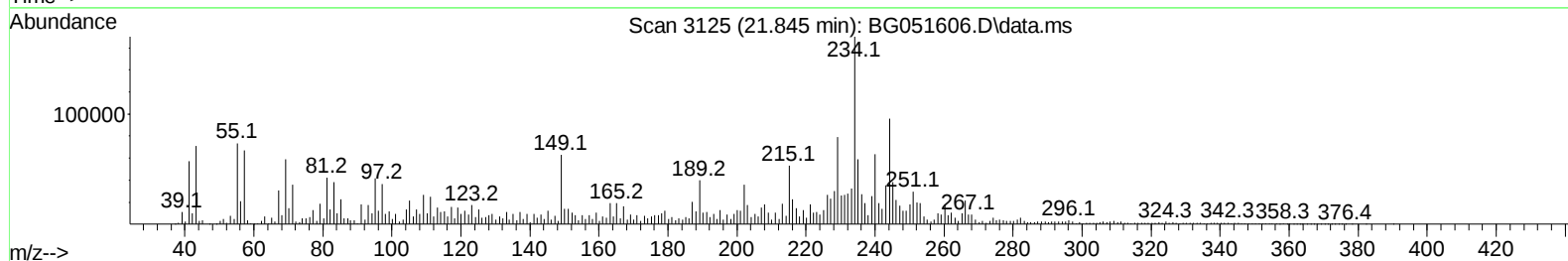
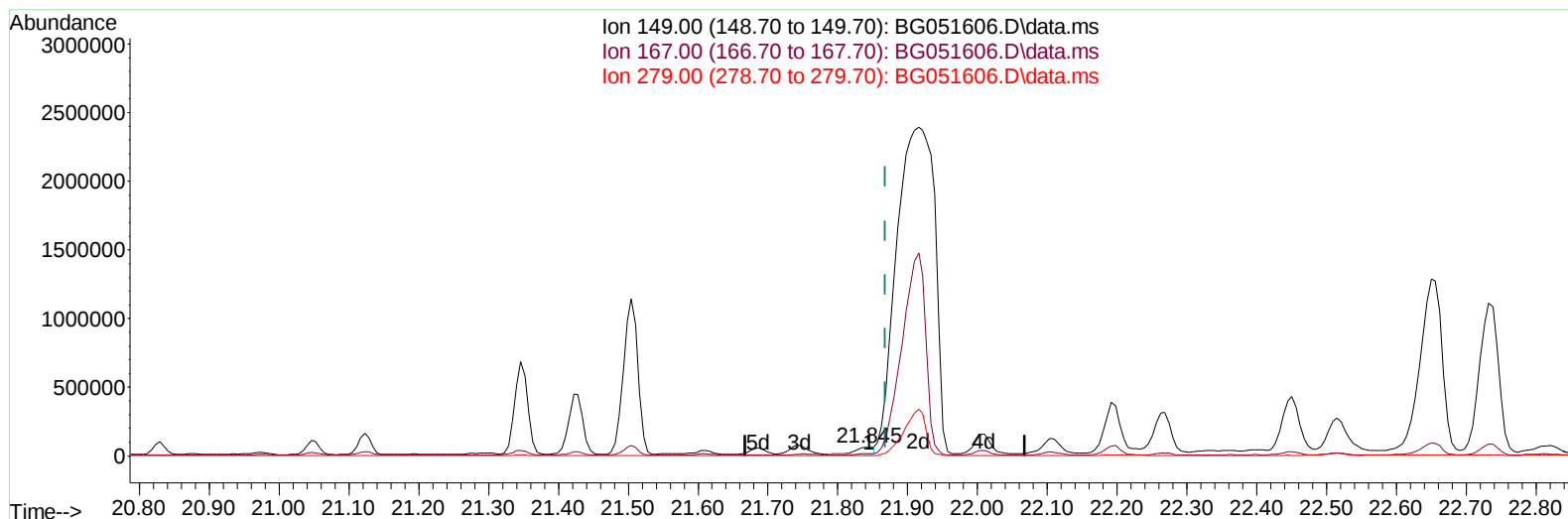
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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TIC: BG051606.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.845min (-0.023) 11.56 ng/u1

response 89602

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	26.03
279.00	3.40	5.00#
0.00	0.00	0.00

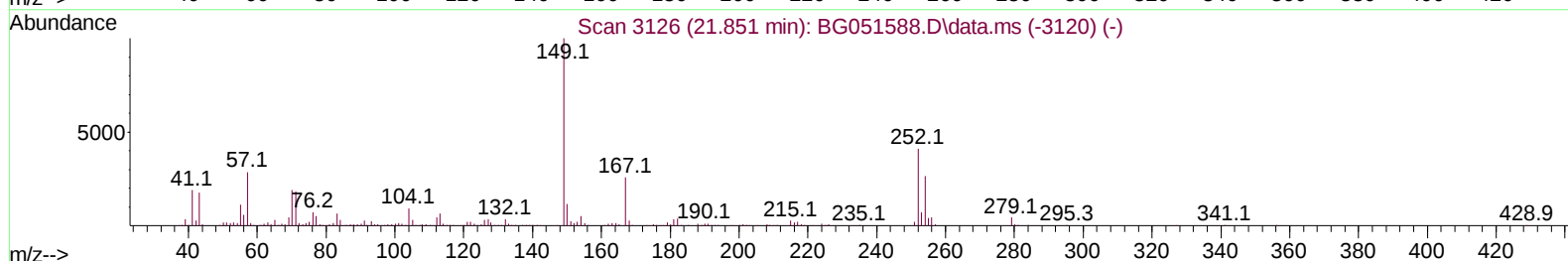
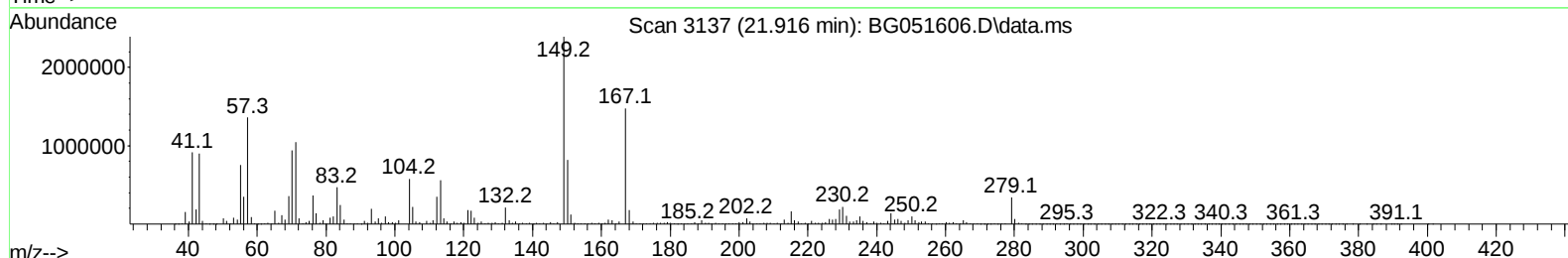
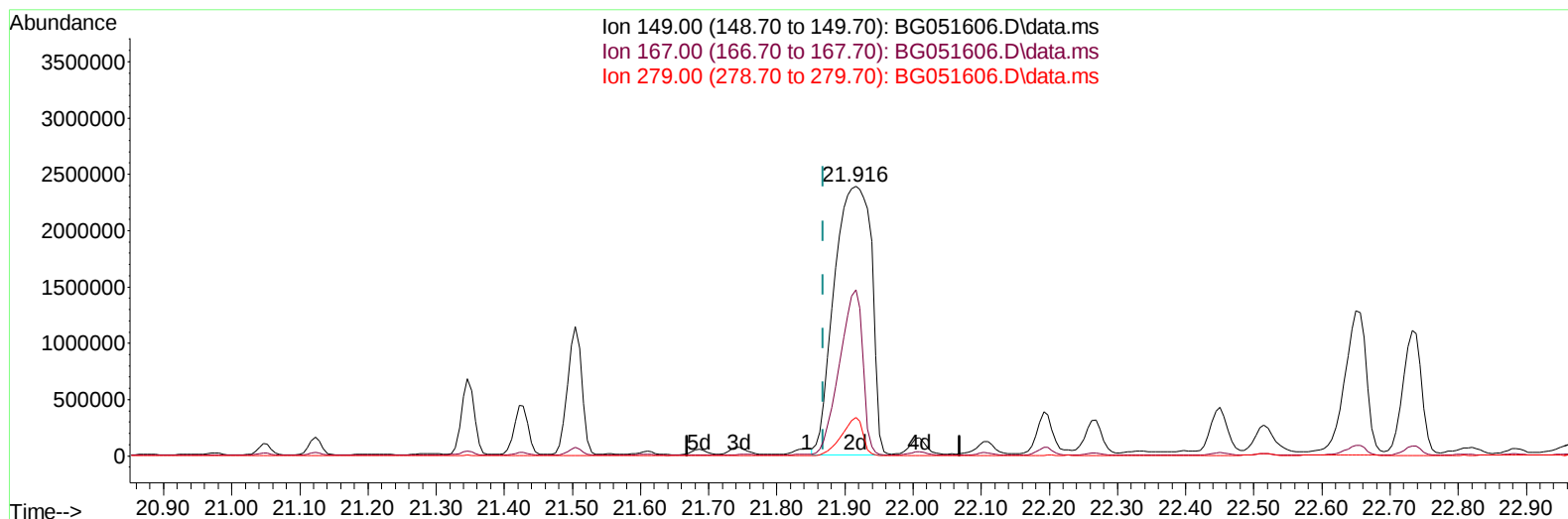
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.916min (+ 0.047) 1165.55 ng/ul m

response 9033206

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	61.71#
279.00	3.40	14.24#
0.00	0.00	0.00

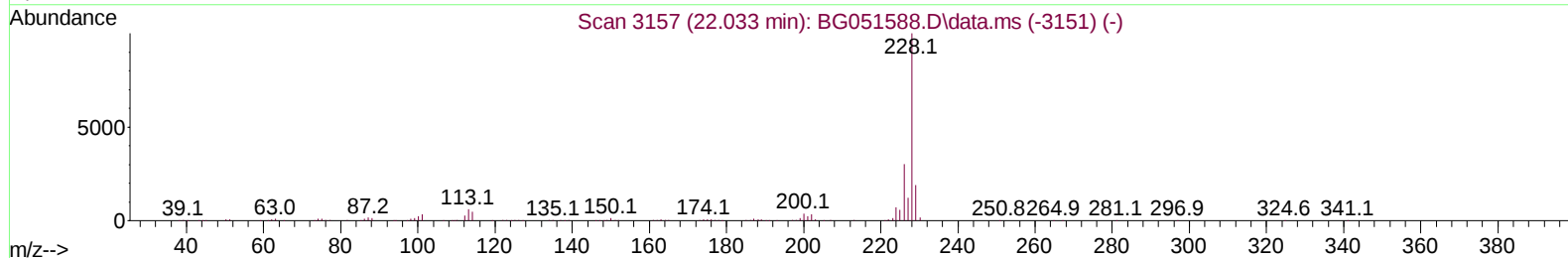
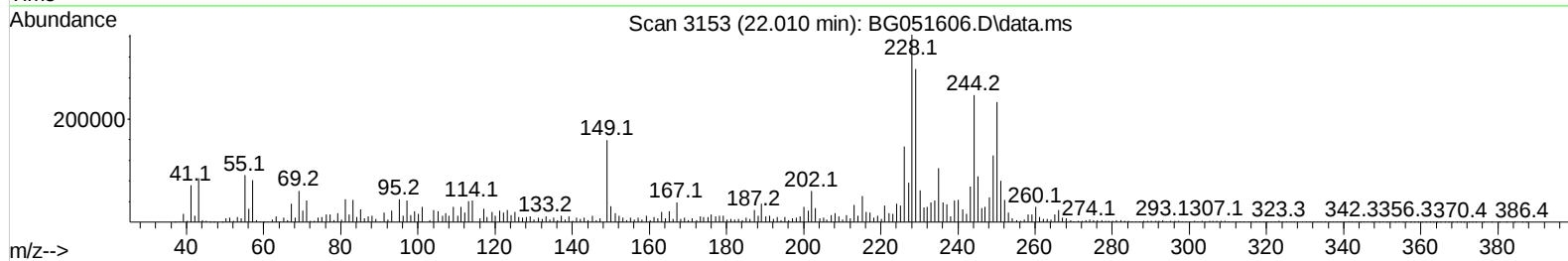
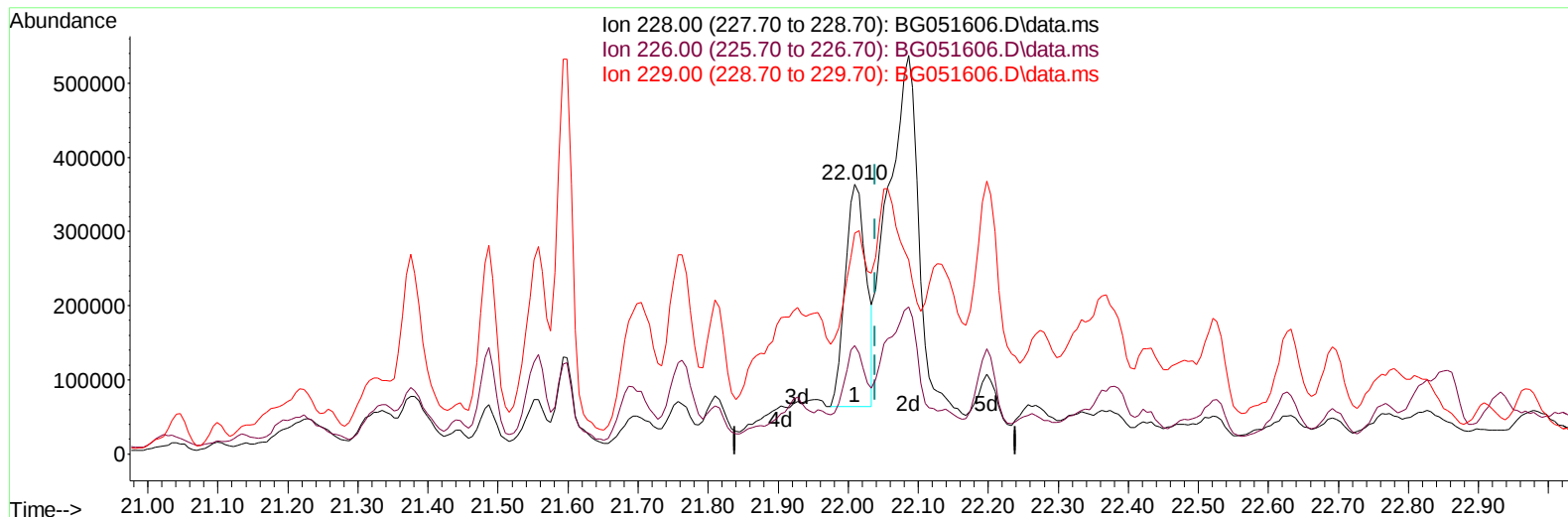
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(87) Chrysene

22.010min (-0.029) 41.74 ng/u1

response 633170

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	40.27#
229.00	19.70	81.84#
0.00	0.00	0.00

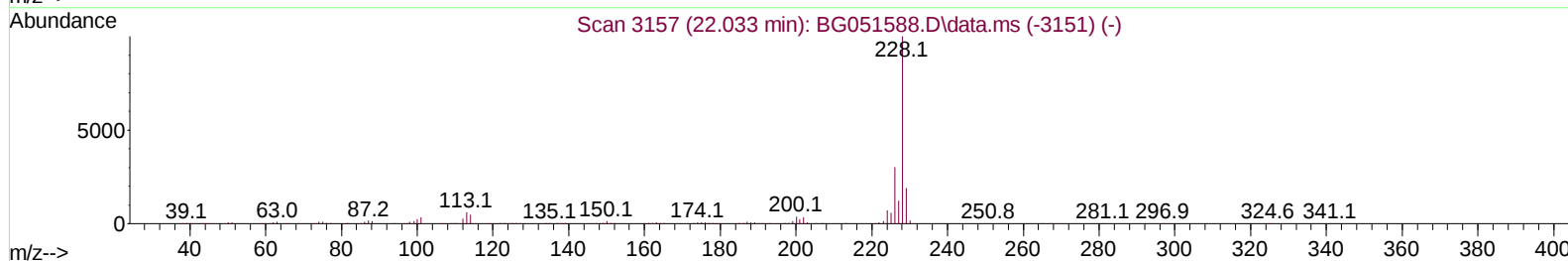
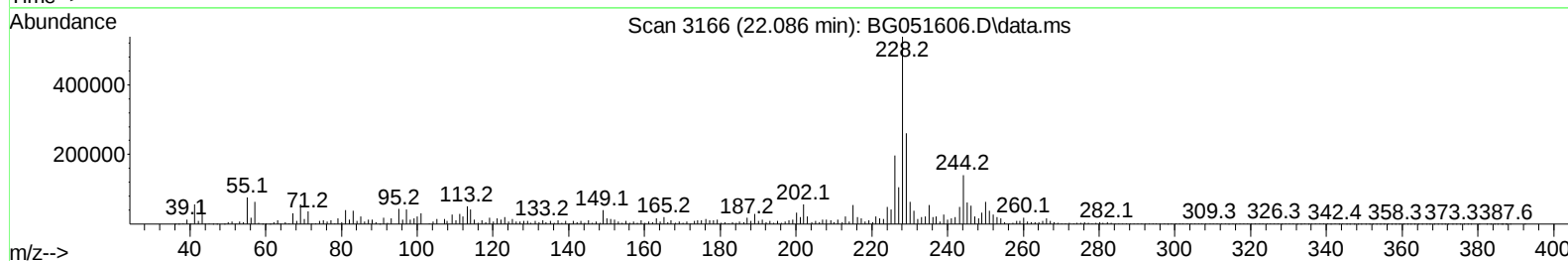
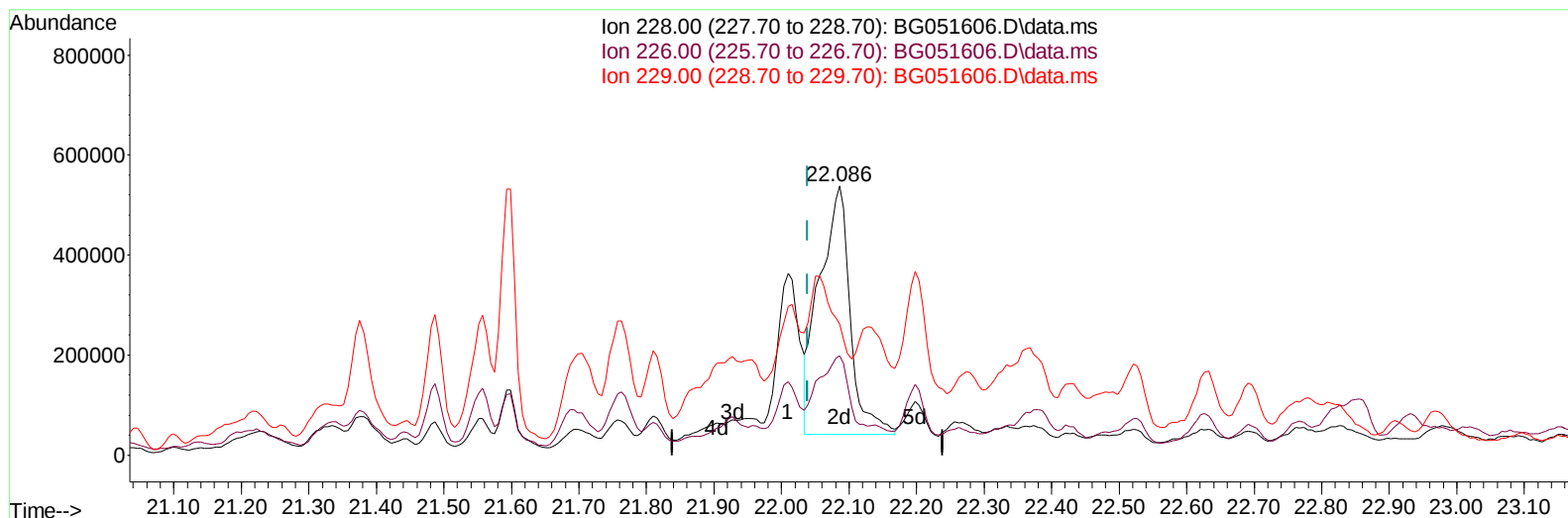
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(87) Chrysene

22.086min (+ 0.047) 104.30 ng/u1 m

response 1582000

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	36.80
229.00	19.70	48.63#
0.00	0.00	0.00

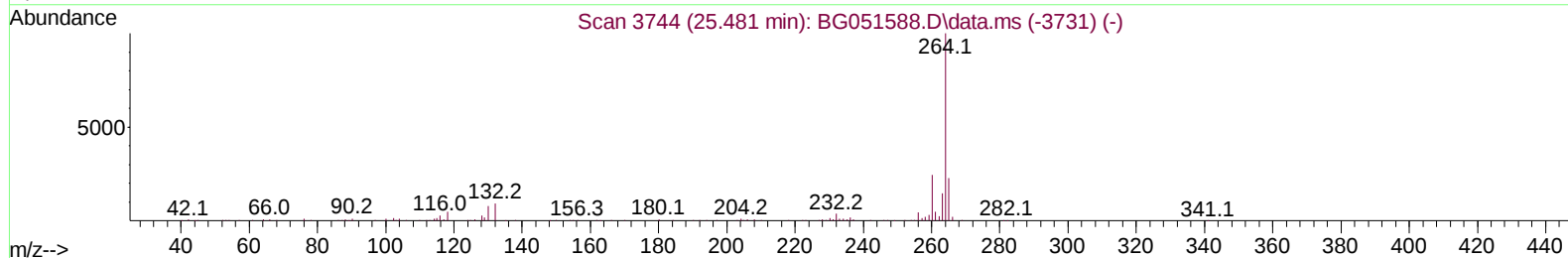
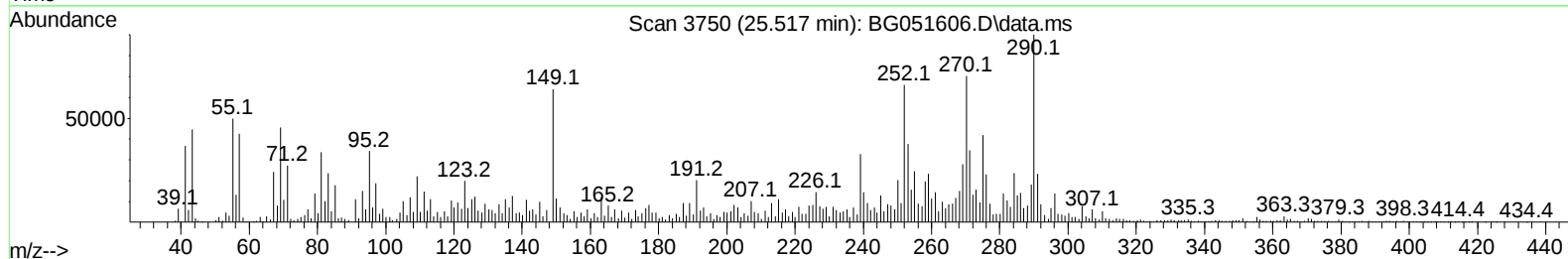
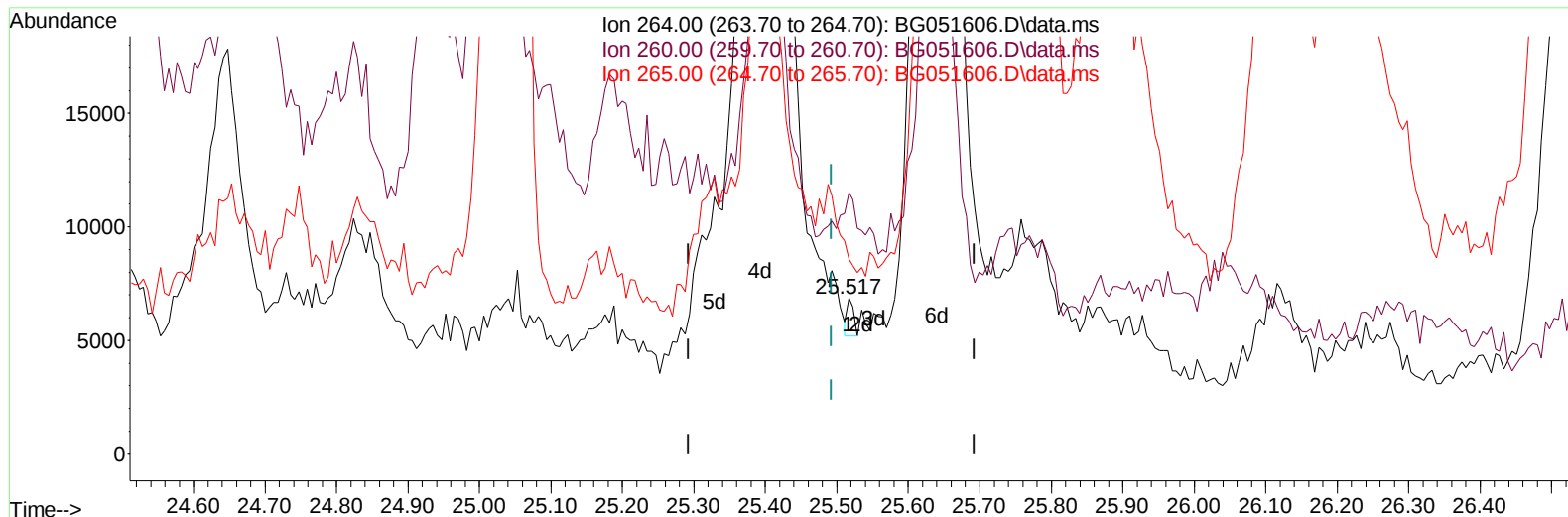
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG051606.D\data.ms

(88) Perylene-d12 (I)

25.517min (+ 0.024) 20.00 ng/u1

response 1049

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	167.70#
265.00	22.60	124.93#
0.00	0.00	0.00

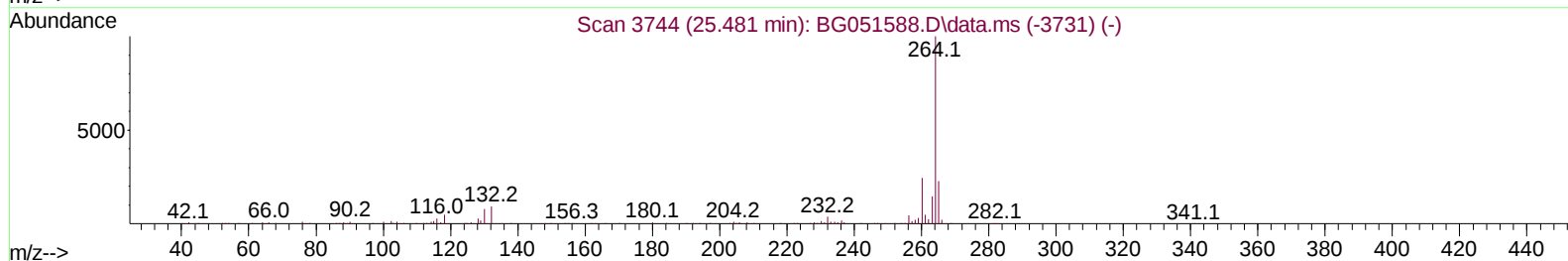
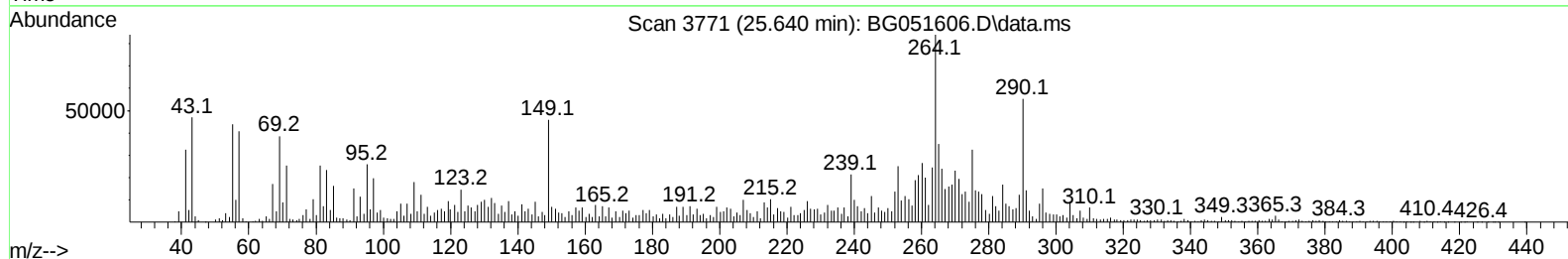
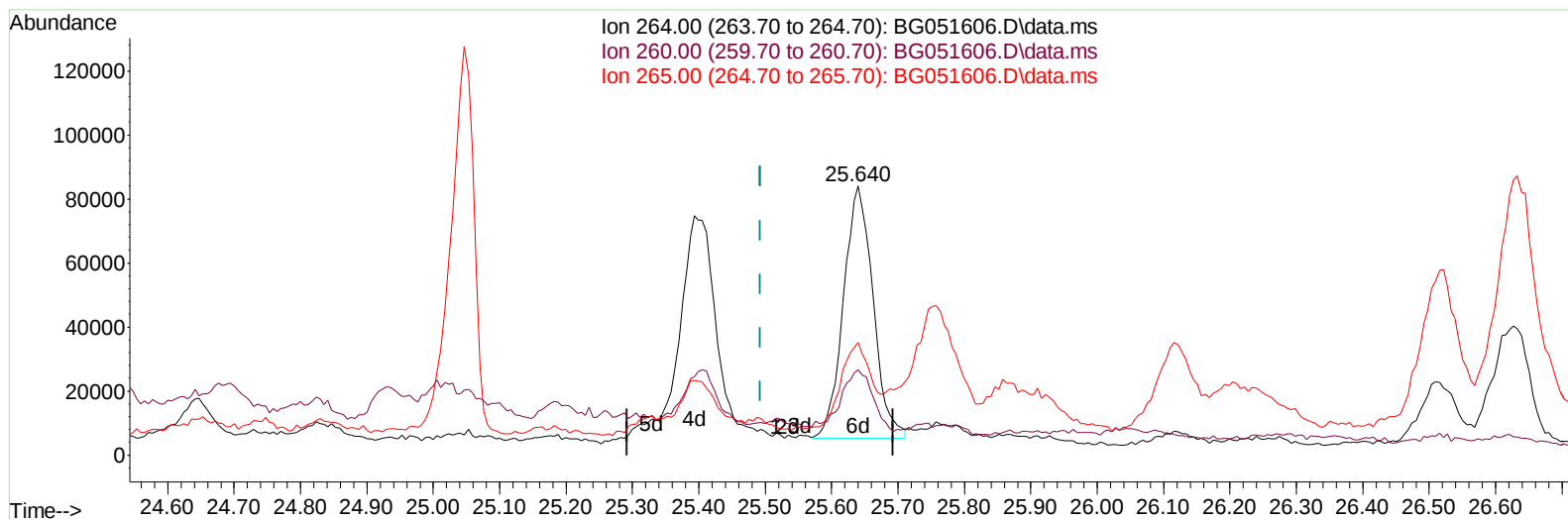
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(88) Perylene-d12 (I)

25.640min (+ 0.147) 20.00 ng/ul m

response 244649

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	24.50	31.62#
265.00	22.60	41.95#
0.00	0.00	0.00

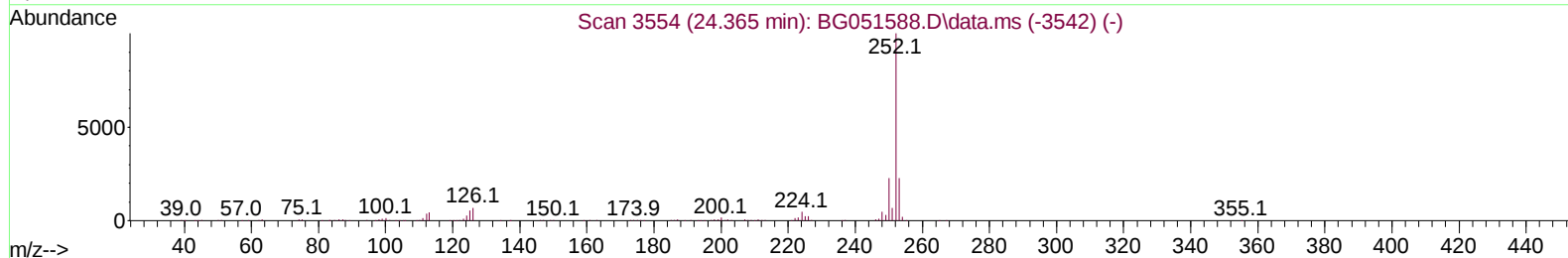
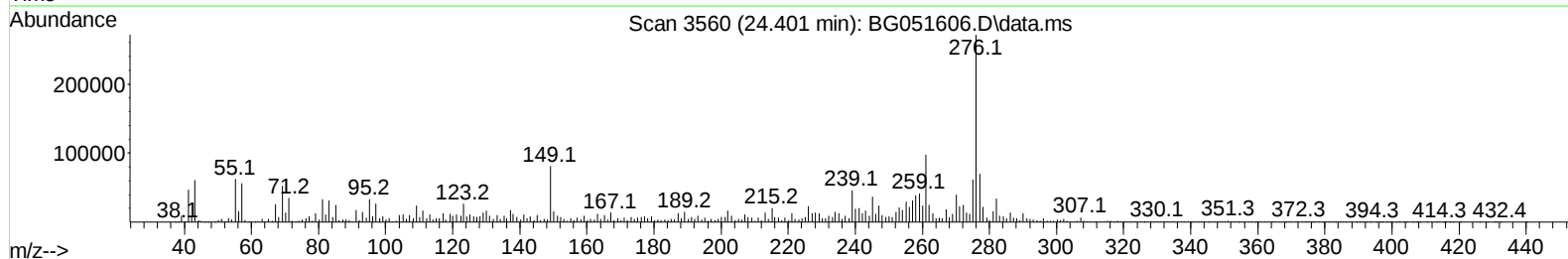
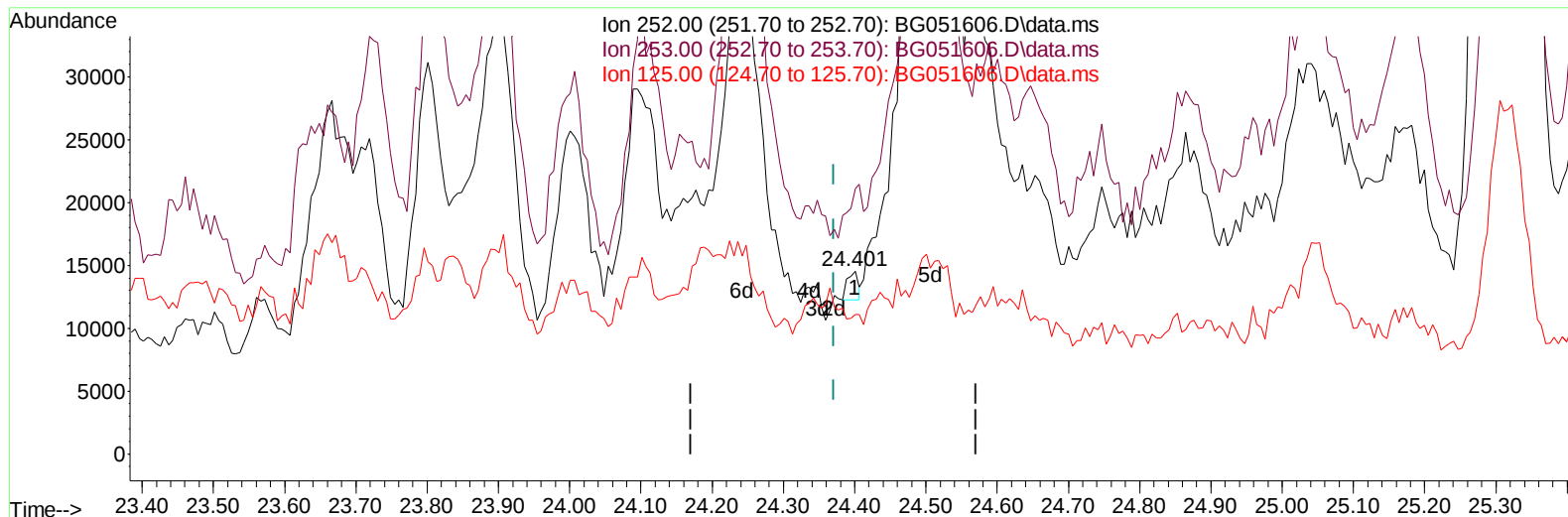
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
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TIC: BG051606.D\data.ms

(90) Benzo(b)fluoranthene

24.401min (+ 0.030) 0.14 ng/u1

response 2367

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	145.19#
125.00	10.60	76.30#
0.00	0.00	0.00

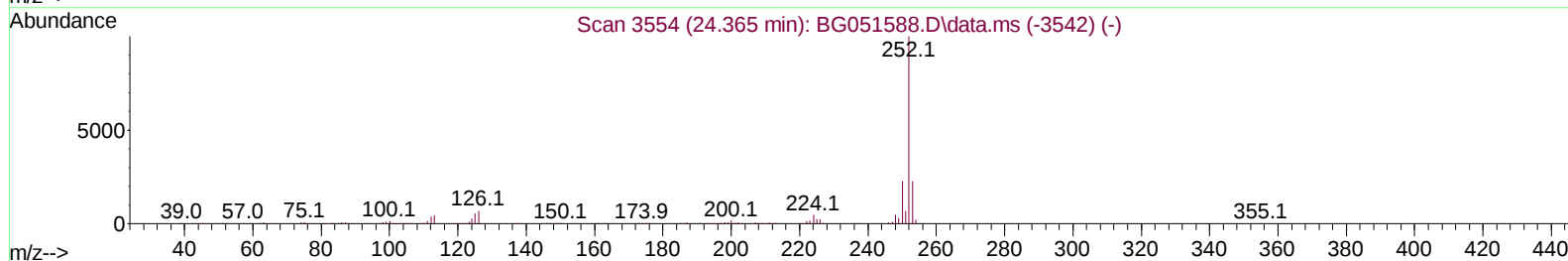
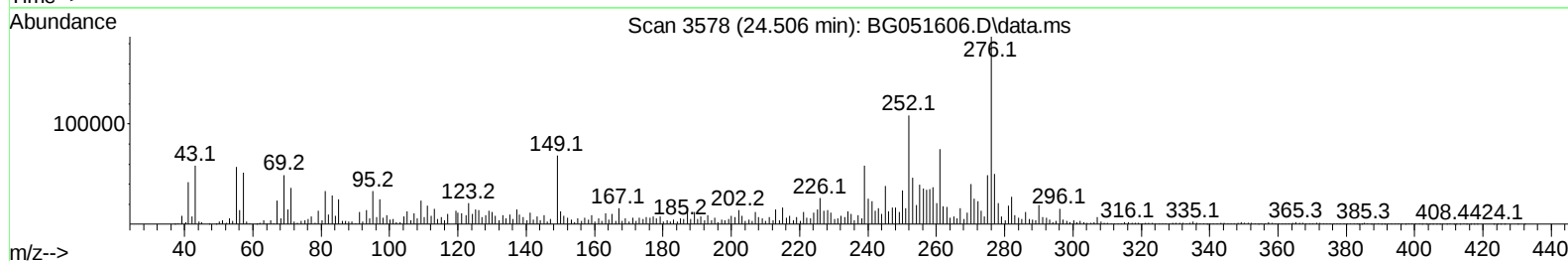
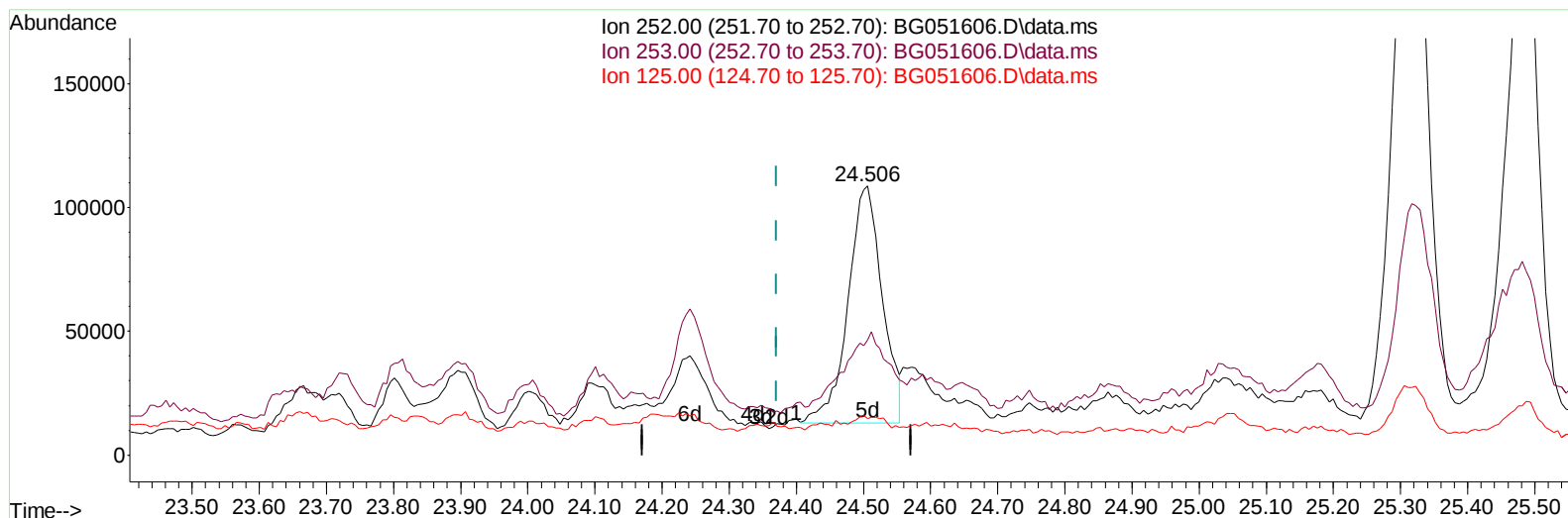
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(90) Benzo(b)fluoranthene

24.506min (+ 0.135) 20.86 ng/ul m

response 341828

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	42.83#
125.00	10.60	13.62#
0.00	0.00	0.00

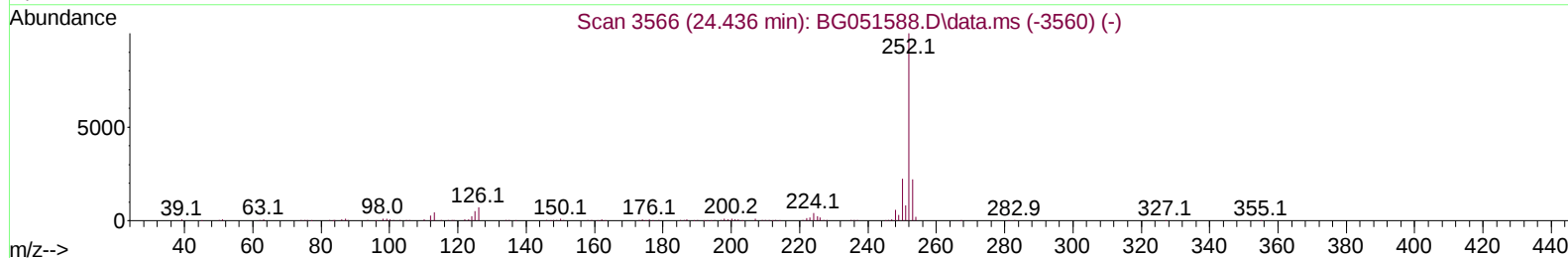
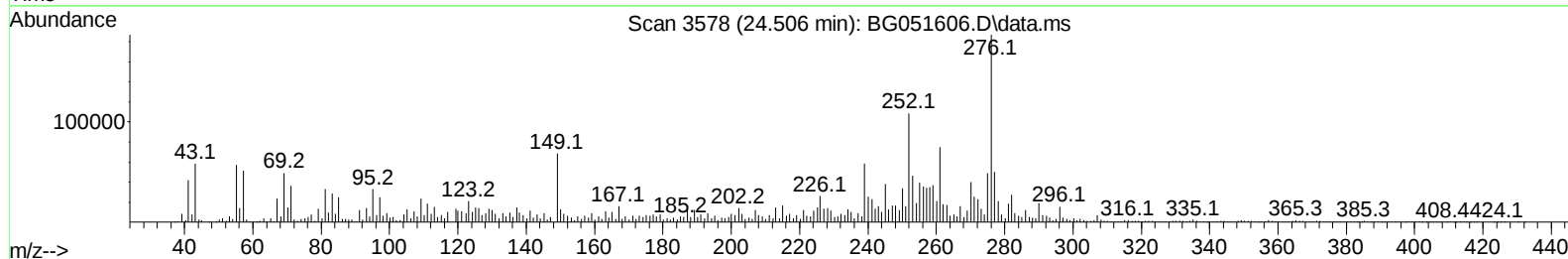
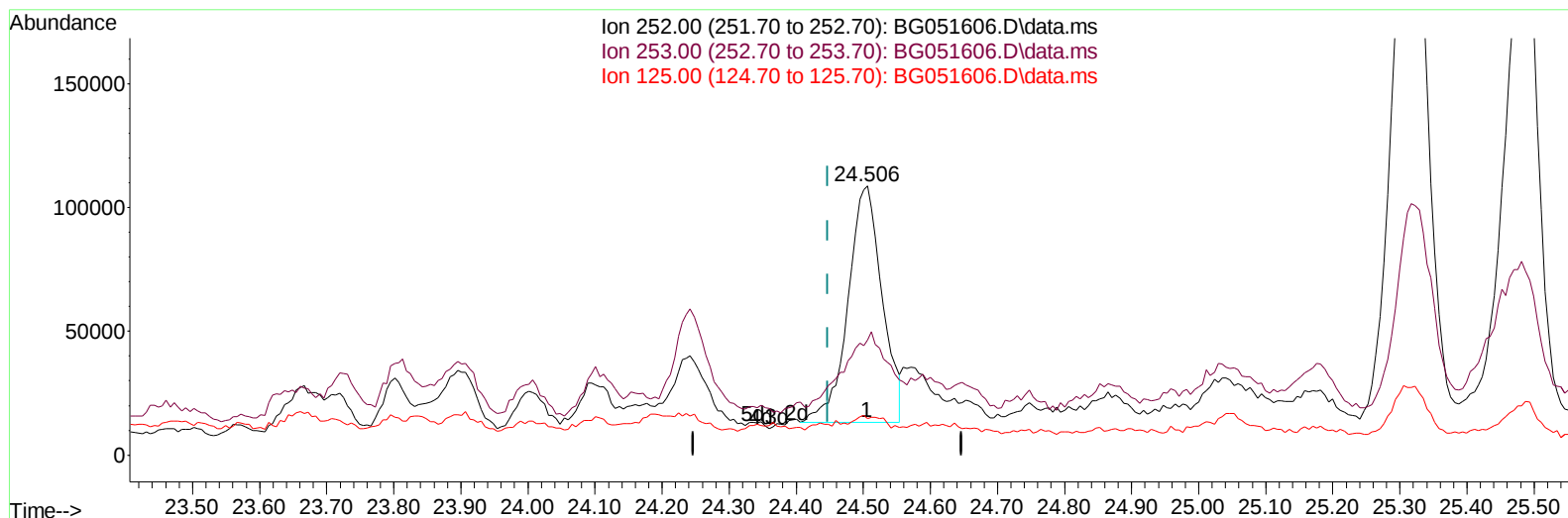
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(91) Benzo(k)fluoranthene

24.506min (+ 0.059) 22.05 ng/u1

response 338312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	42.83#
125.00	9.70	13.62#
0.00	0.00	0.00

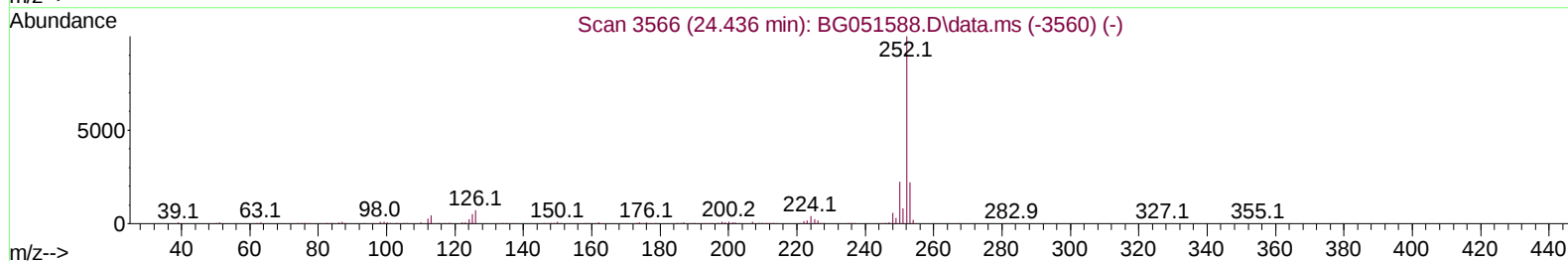
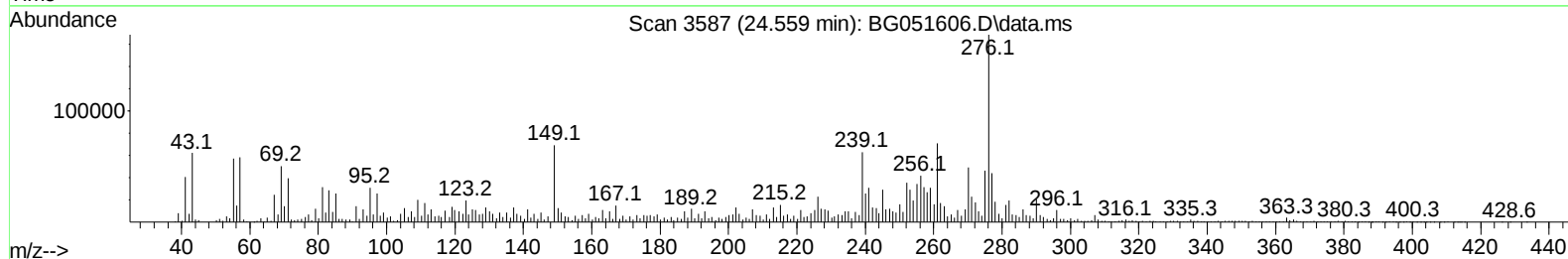
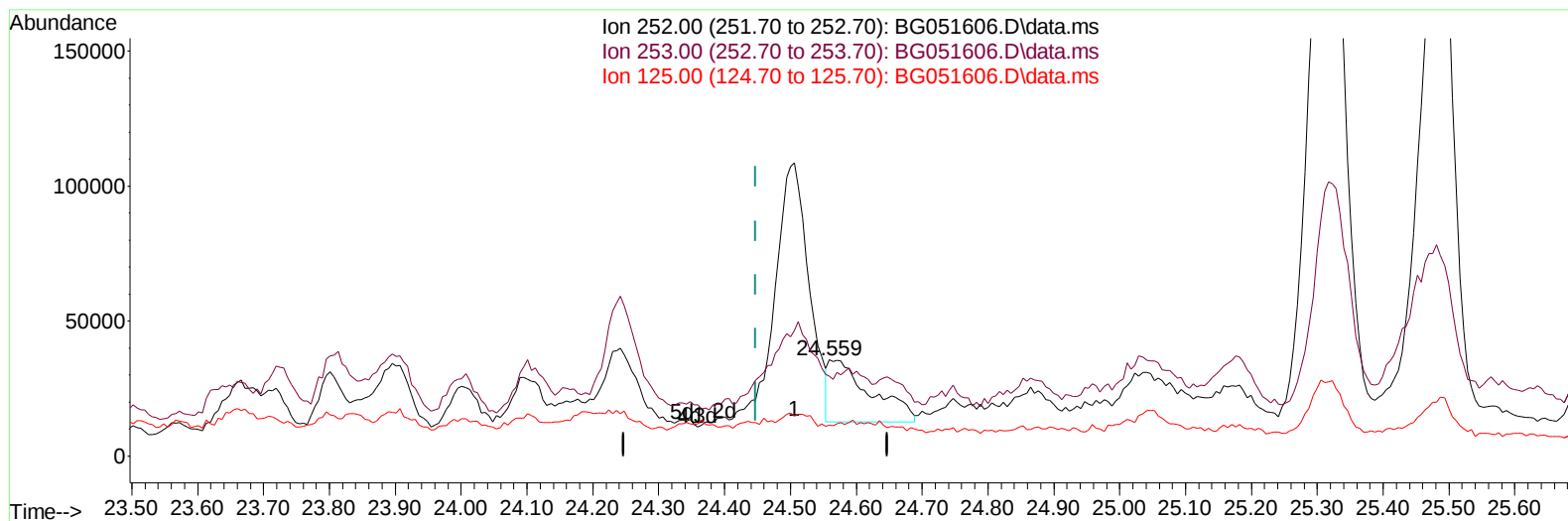
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration



TIC: BG051606.D\data.ms

(91) Benzo(k)fluoranthene

24.559min (+ 0.112) 6.58 ng/u1 m

response 101032

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	83.04#
125.00	9.70	32.26#
0.00	0.00	0.00

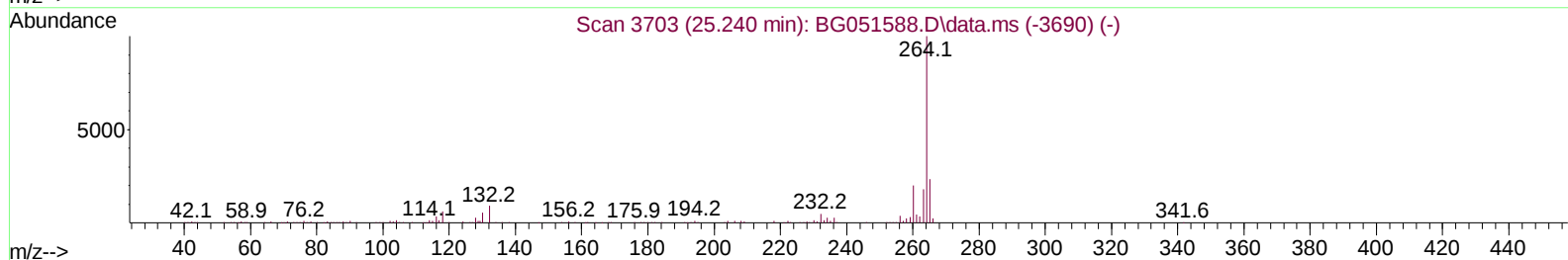
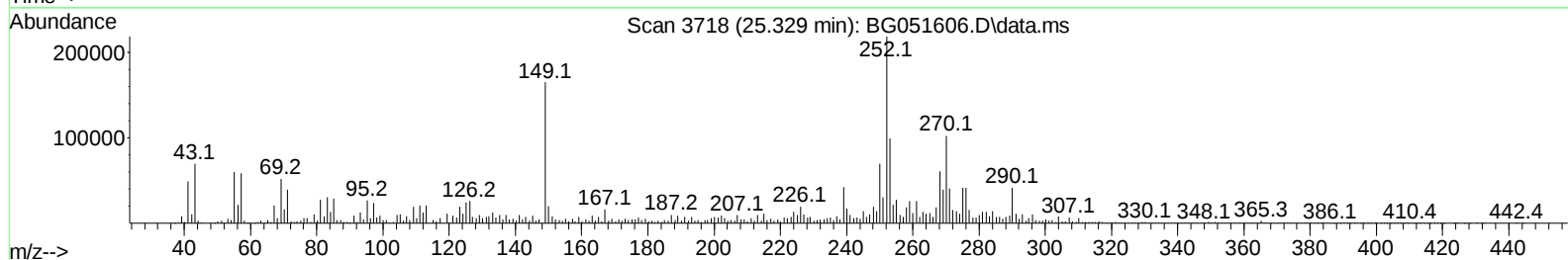
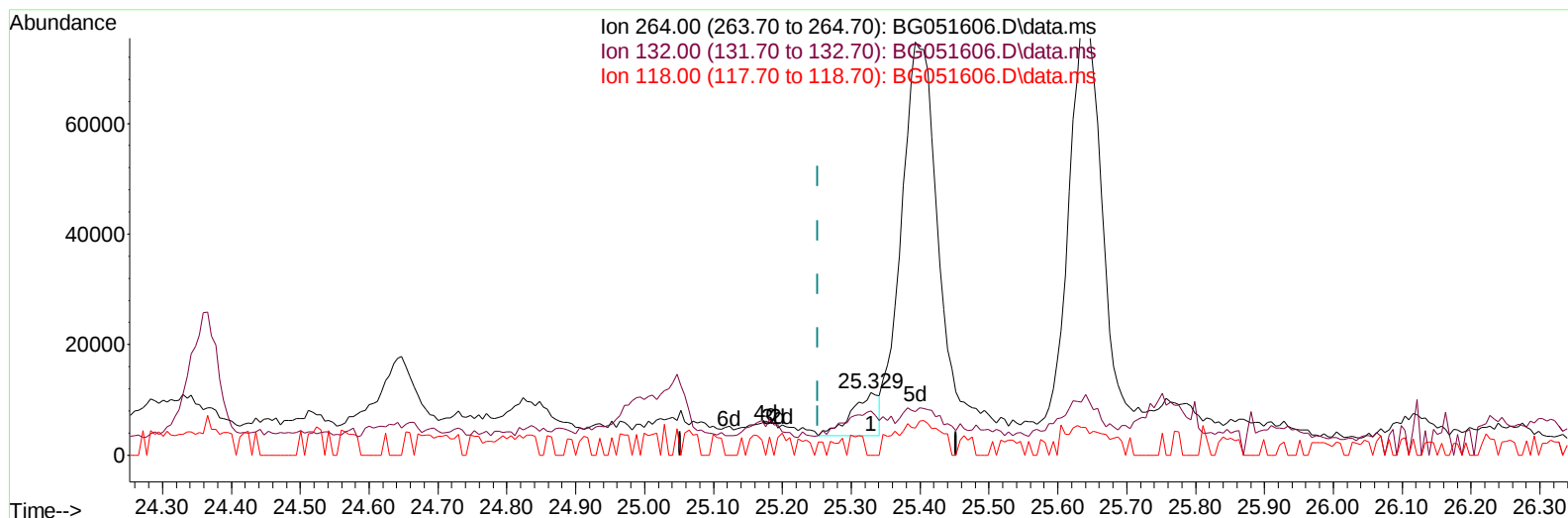
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

25.329min (+ 0.077) 1.68 ng/u1

response 21635

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	15.50	70.45#
118.00	11.00	0.00#
0.00	0.00	0.00

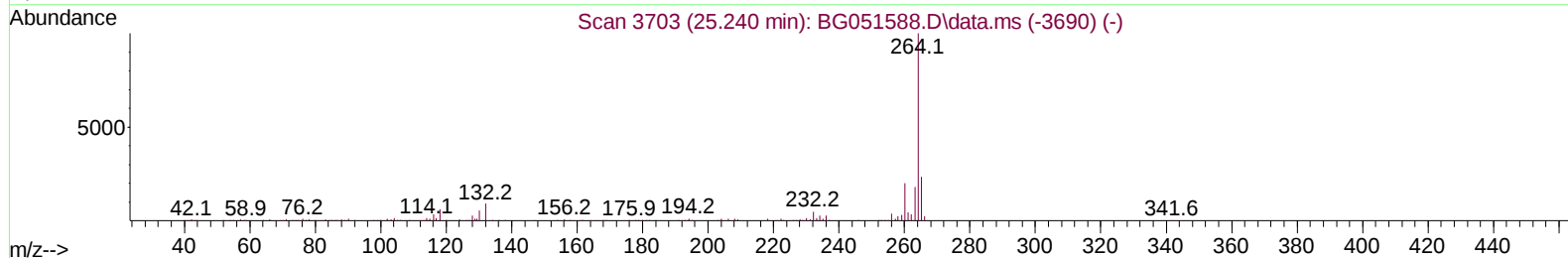
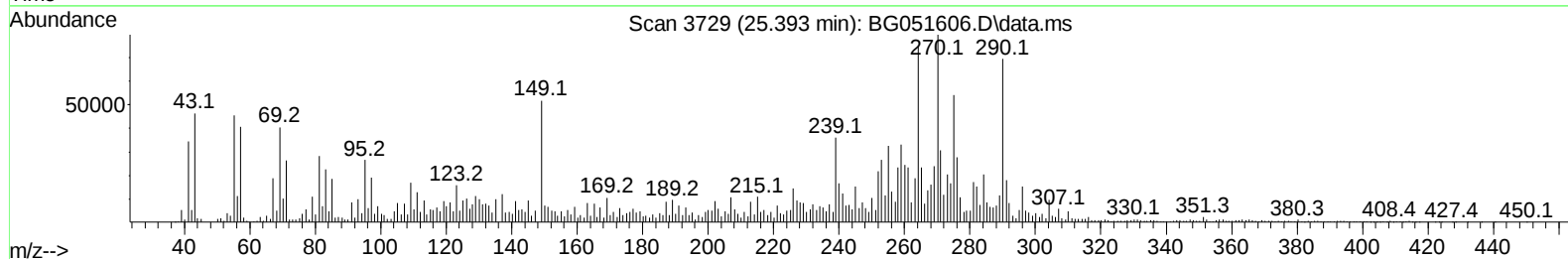
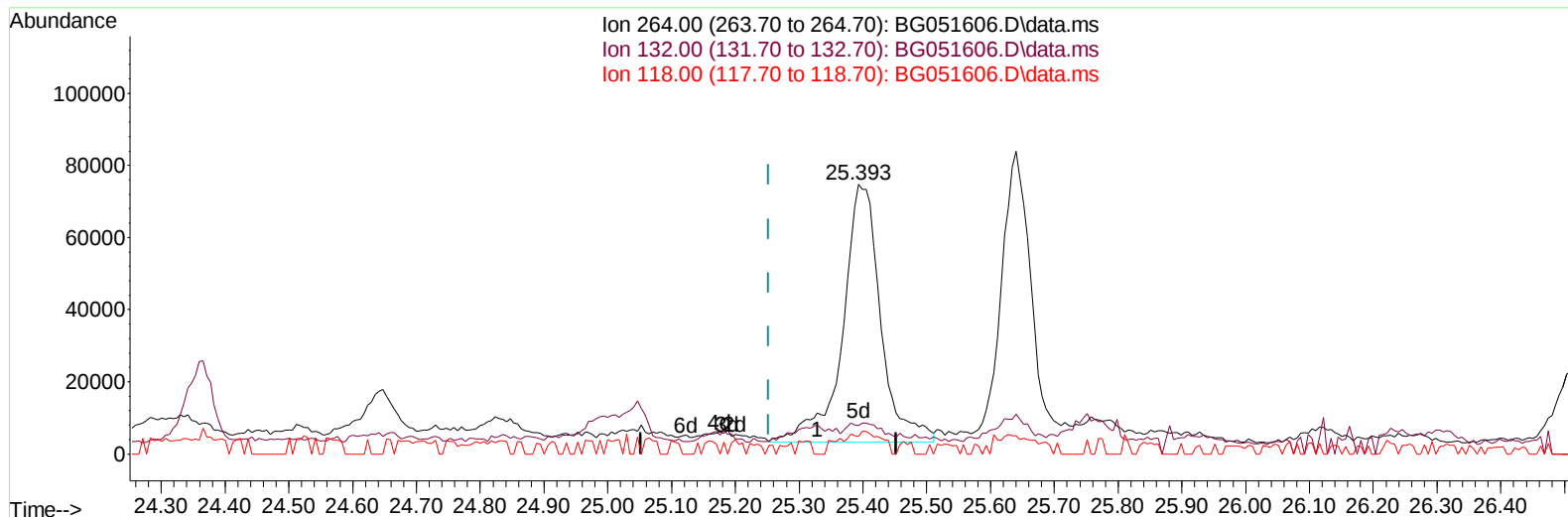
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

25.393min (+ 0.141) 23.11 ng/ul m

response 297437

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	15.50	10.60#
118.00	11.00	6.51#
0.00	0.00	0.00

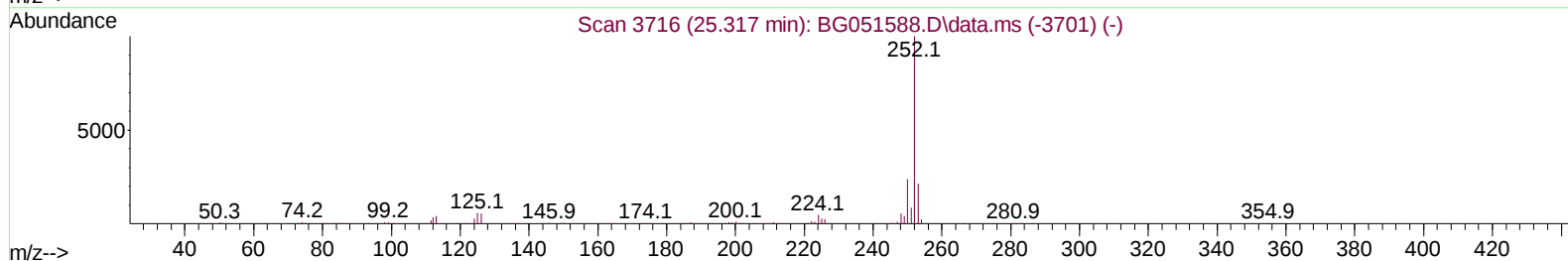
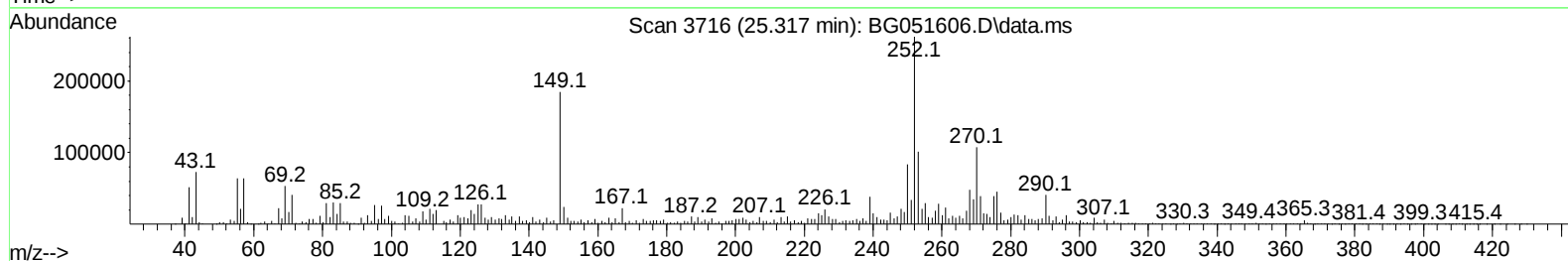
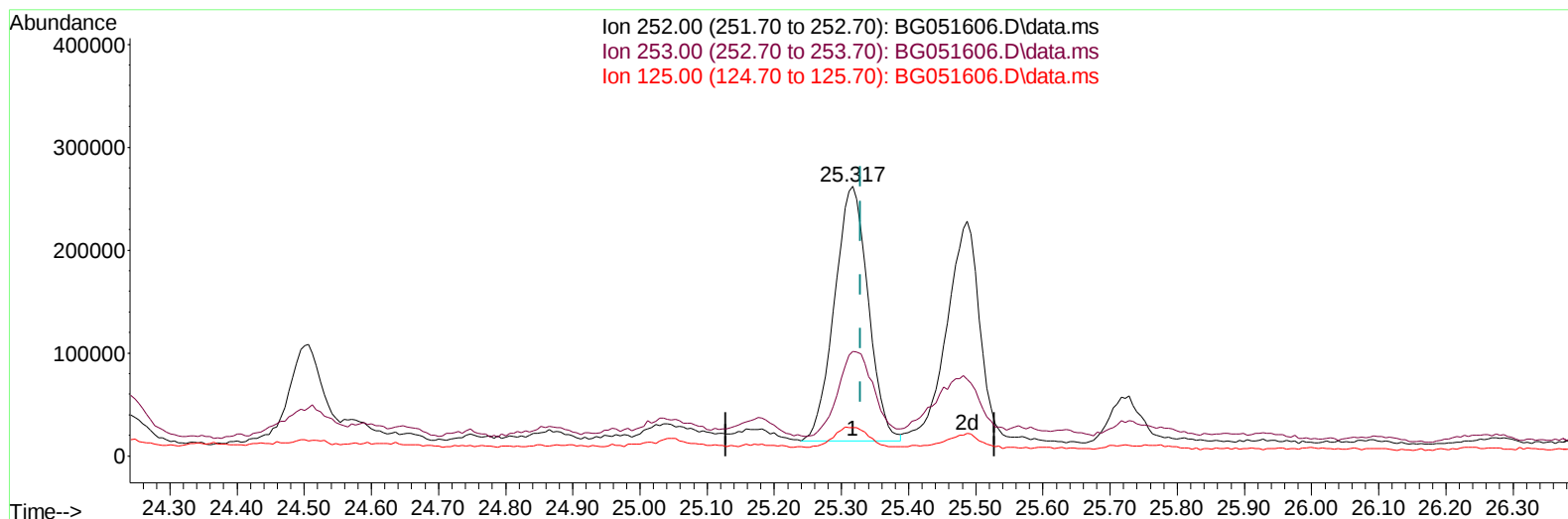
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(93) Benzo(a)pyrene (C)

25.317min (-0.011) 55.83 ng/u1

response 863423

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	38.80#
125.00	11.40	10.47
0.00	0.00	0.00

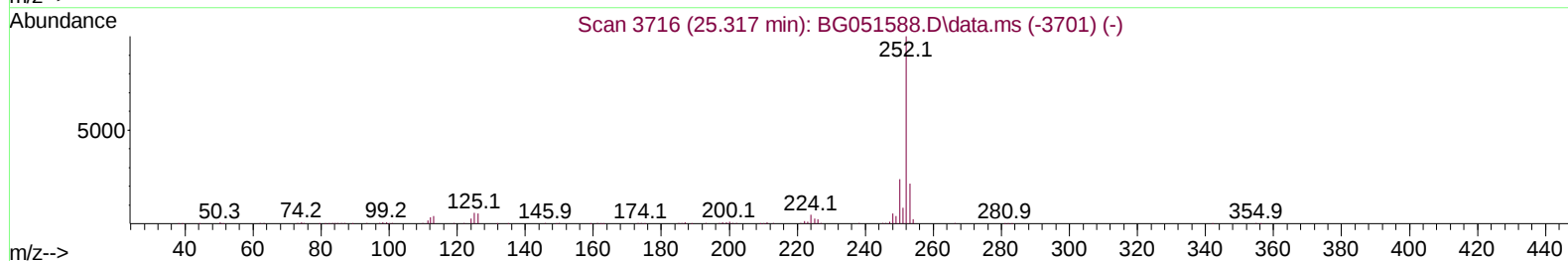
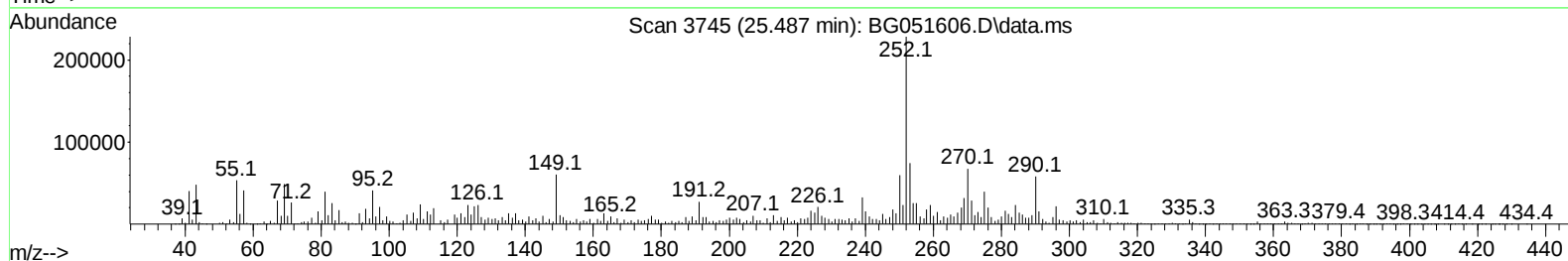
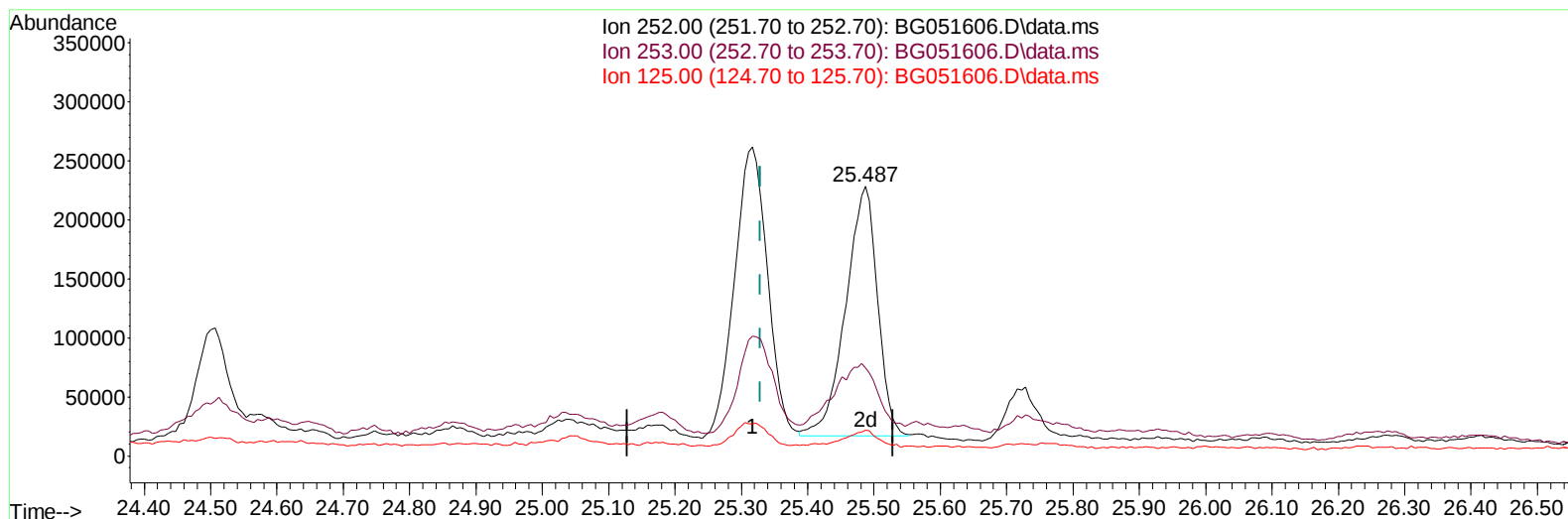
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(93) Benzo(a)pyrene (C)

25.487min (+ 0.159) 45.70 ng/ul m

response 706704

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	32.57#
125.00	11.40	9.53
0.00	0.00	0.00

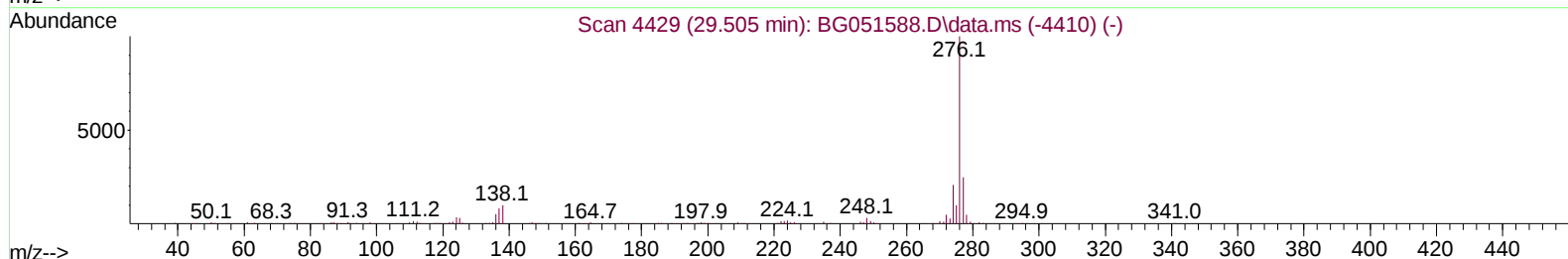
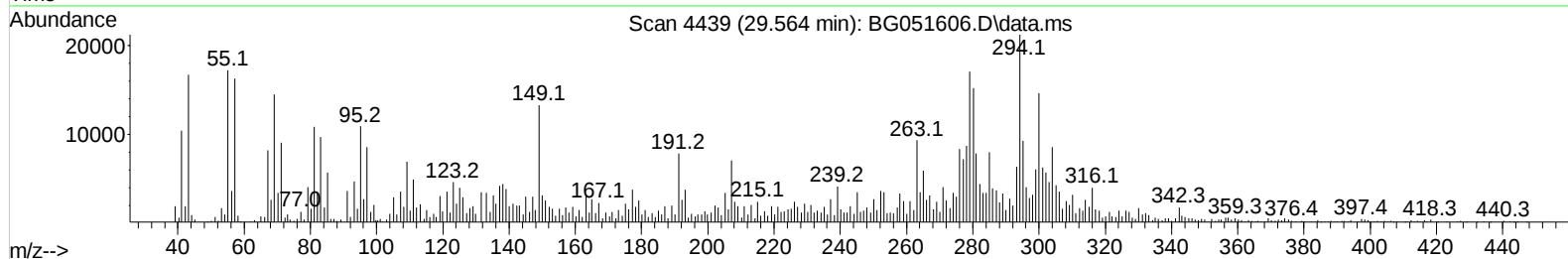
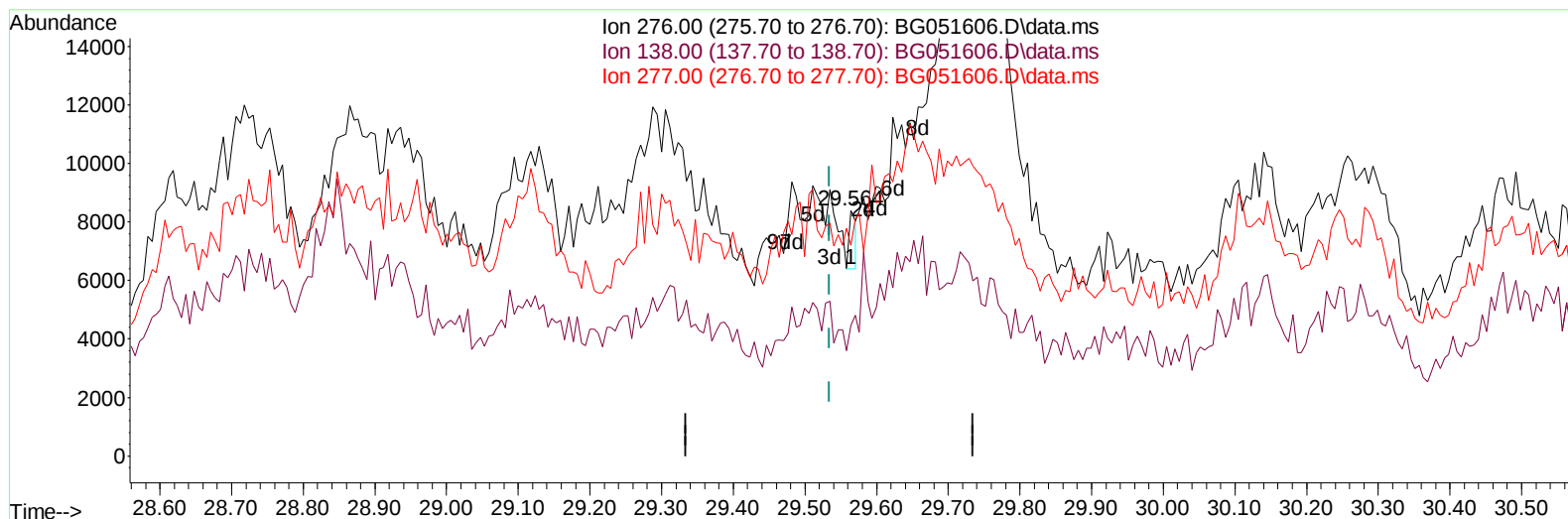
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

29.564min (+ 0.030) 0.08 ng/u1

response 1291

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	53.21#
277.00	25.60	85.61#
0.00	0.00	0.00

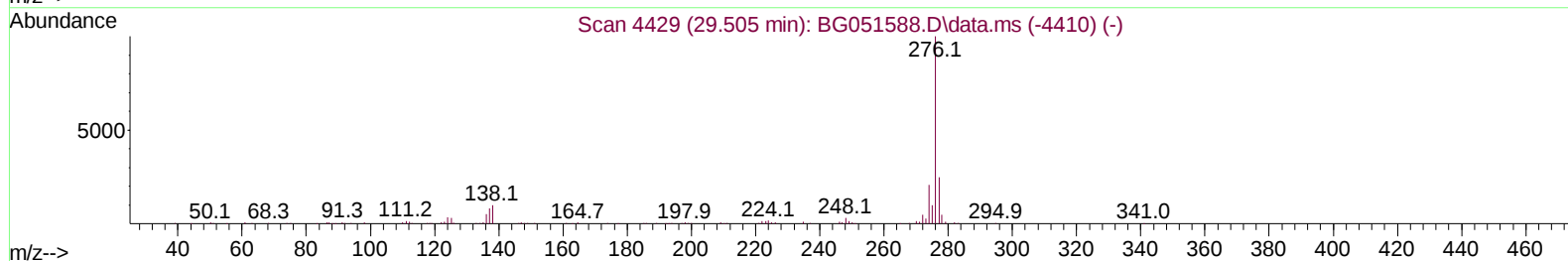
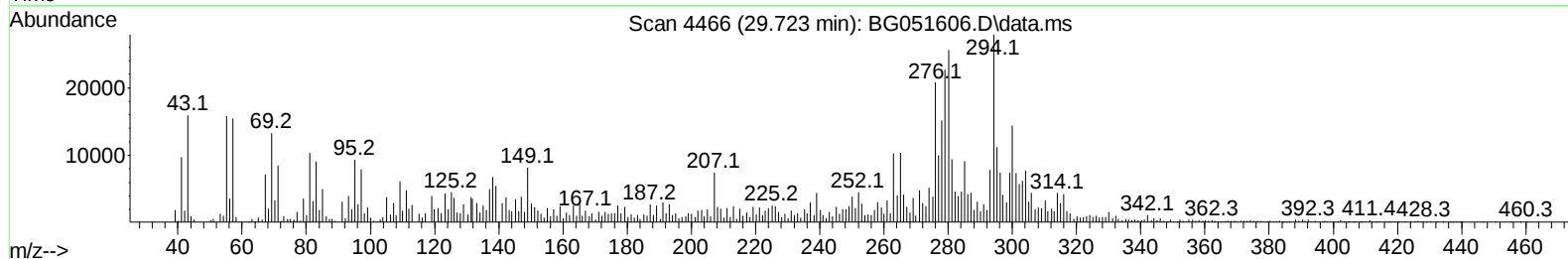
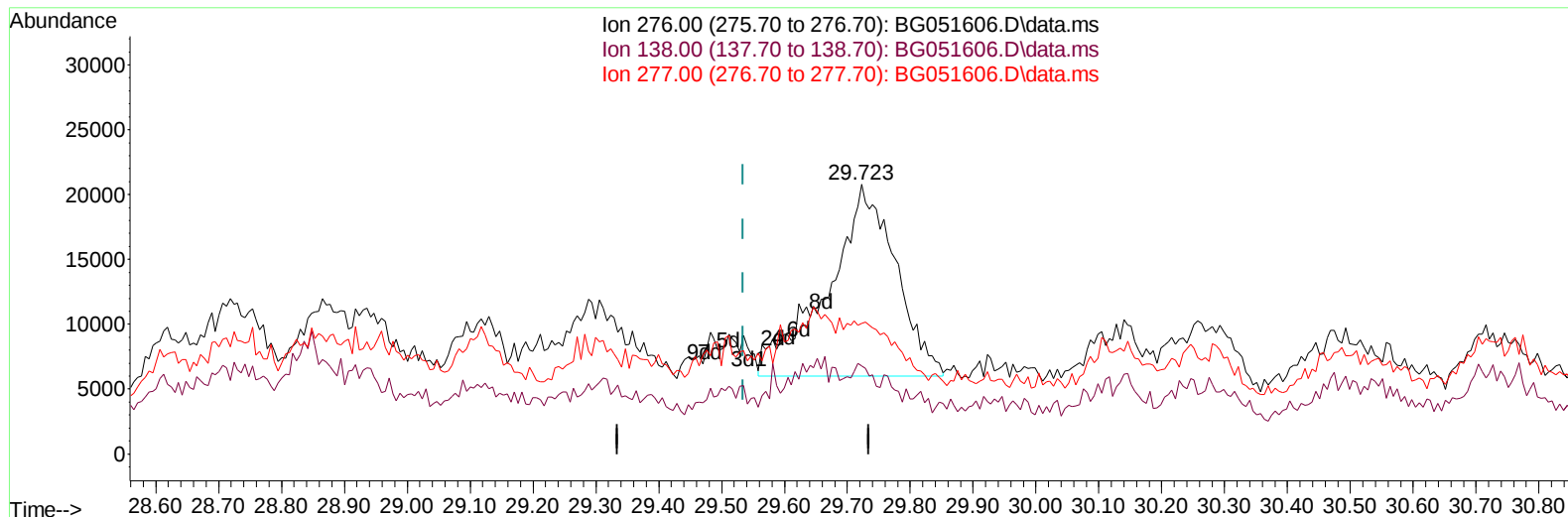
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

29.723min (+ 0.188) 6.61 ng/ul m

response 111677

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	32.68#
277.00	25.60	48.38#
0.00	0.00	0.00

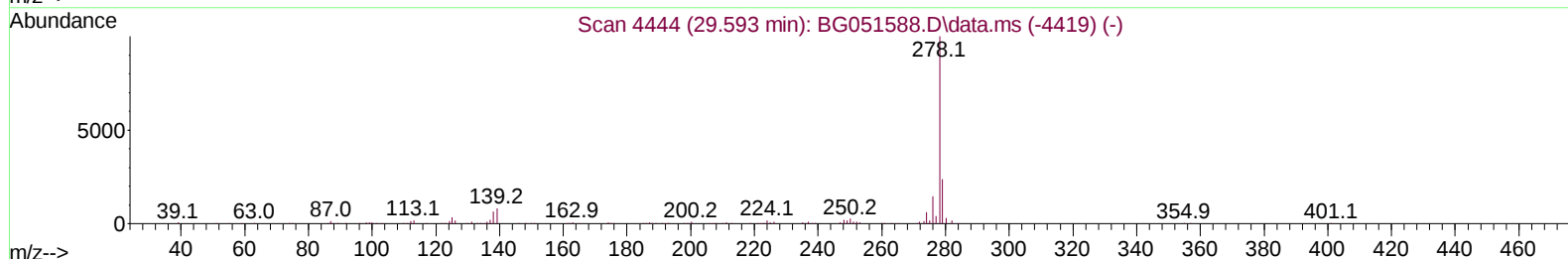
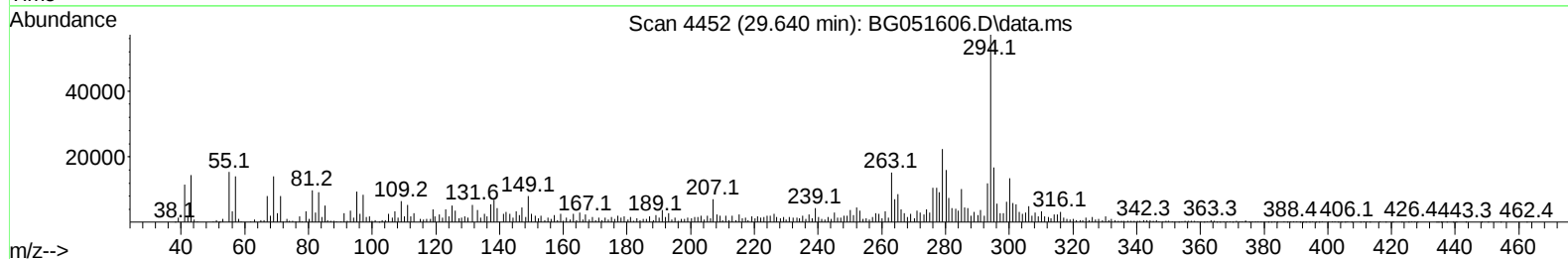
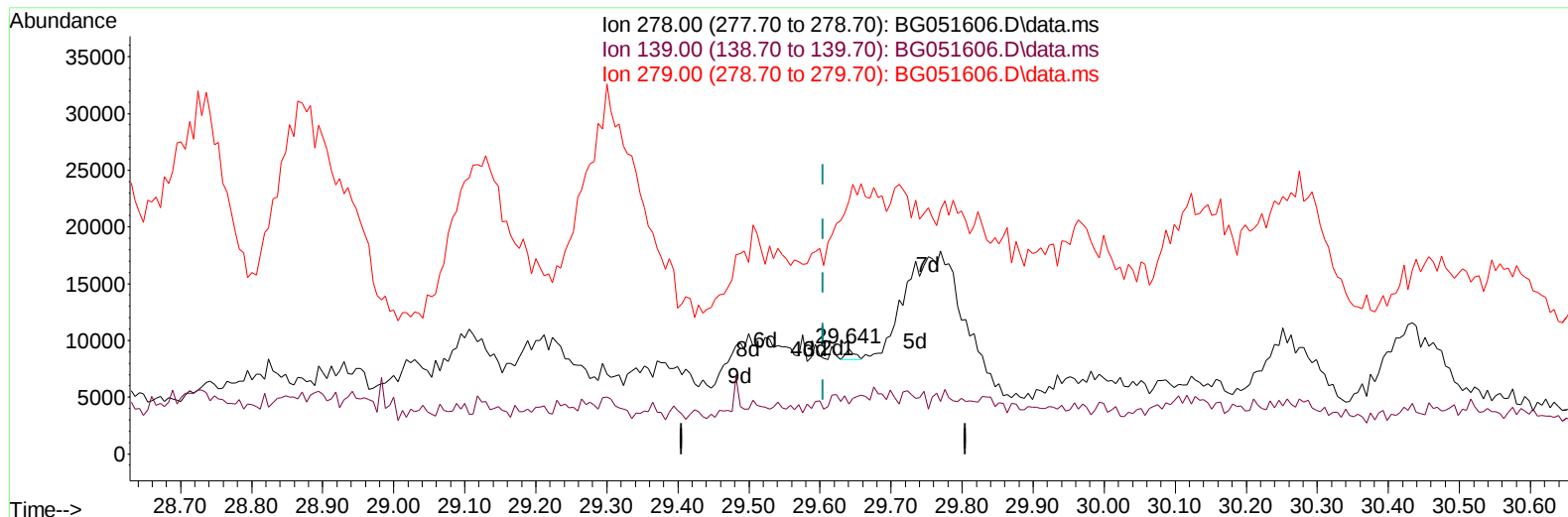
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(95) Dibenzo(a,h)anthracene

29.640min (+ 0.036) 0.06 ng/u1

response 865

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	47.58#
279.00	24.40	240.37#
0.00	0.00	0.00

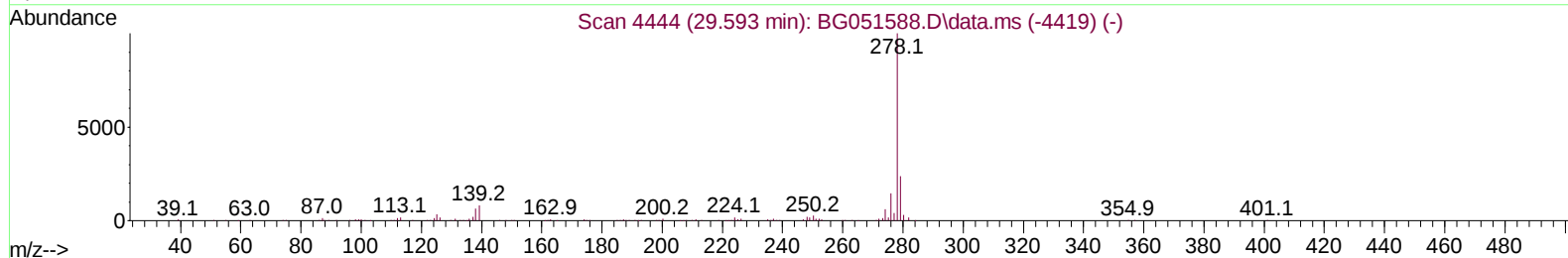
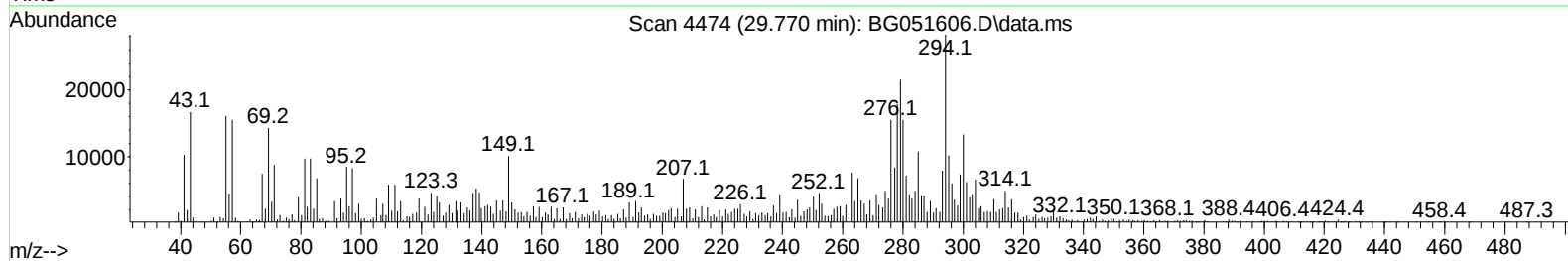
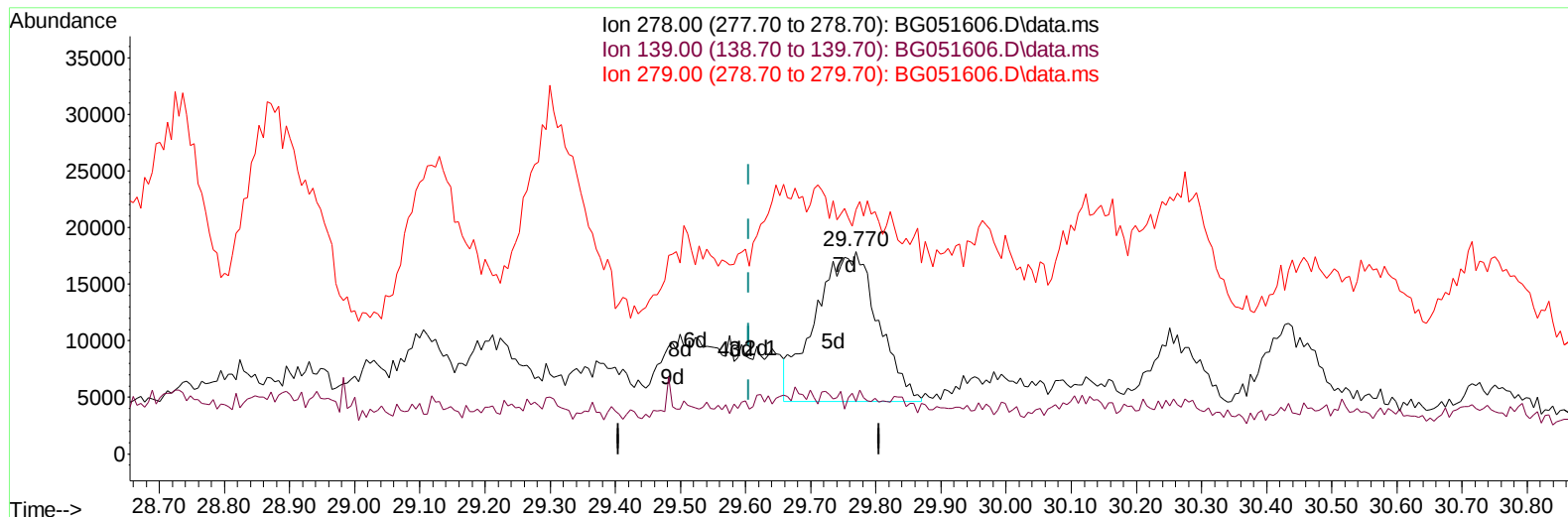
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

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Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

(95) Dibenzo(a,h)anthracene

29.770min (+ 0.165) 6.12 ng/ul m

response 88241

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	25.95#
279.00	24.40	120.48#
0.00	0.00	0.00

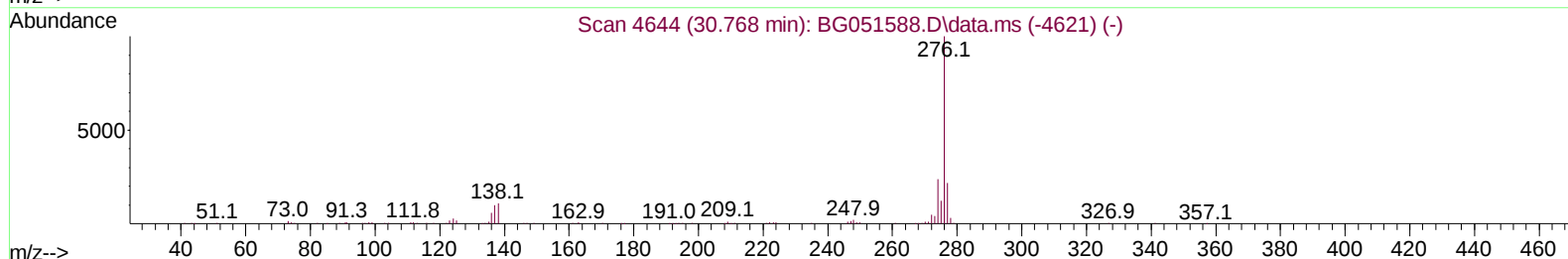
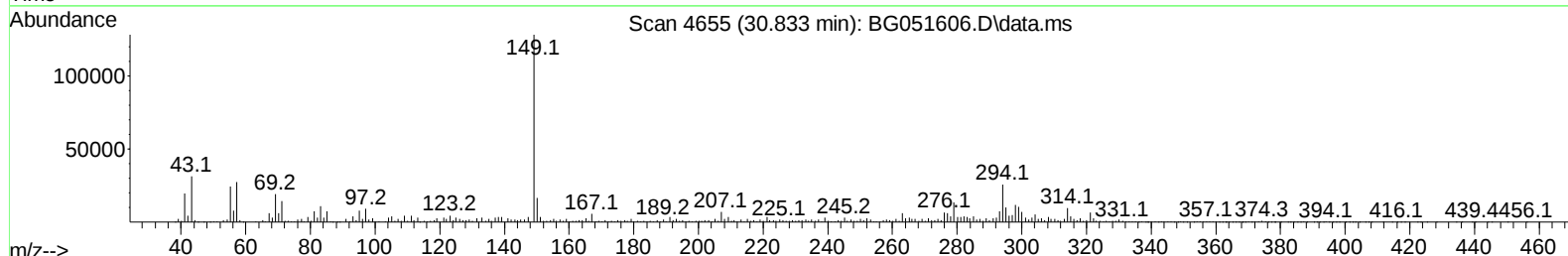
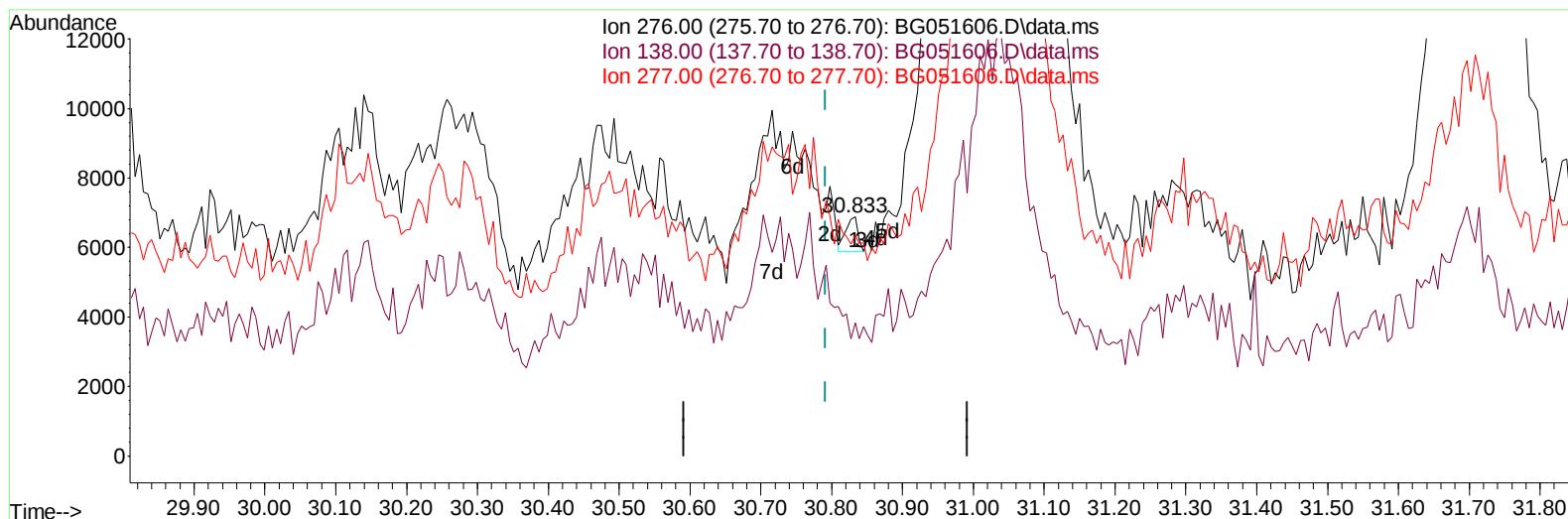
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
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Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

30.833min (+ 0.041) 0.08 ng/u1

response 1172

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	55.63#
277.00	22.00	92.27#
0.00	0.00	0.00

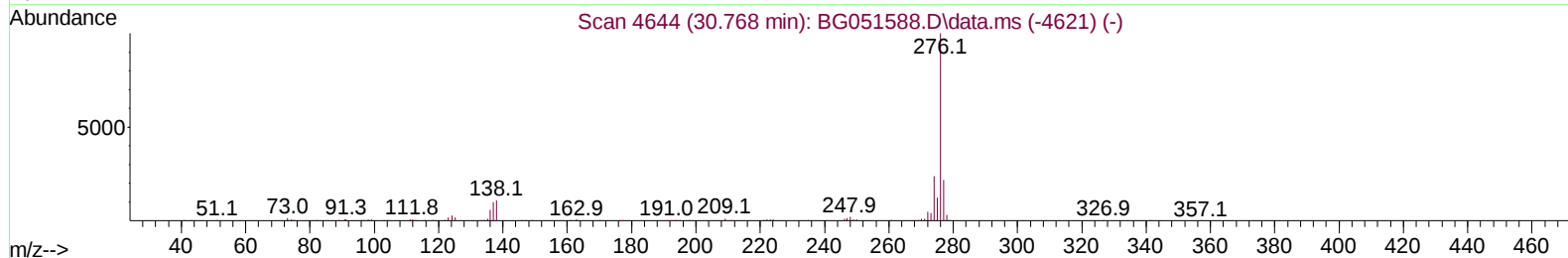
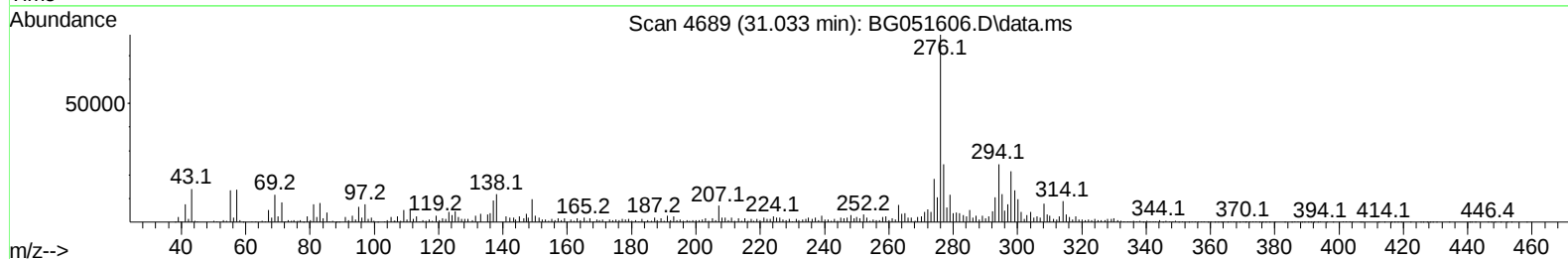
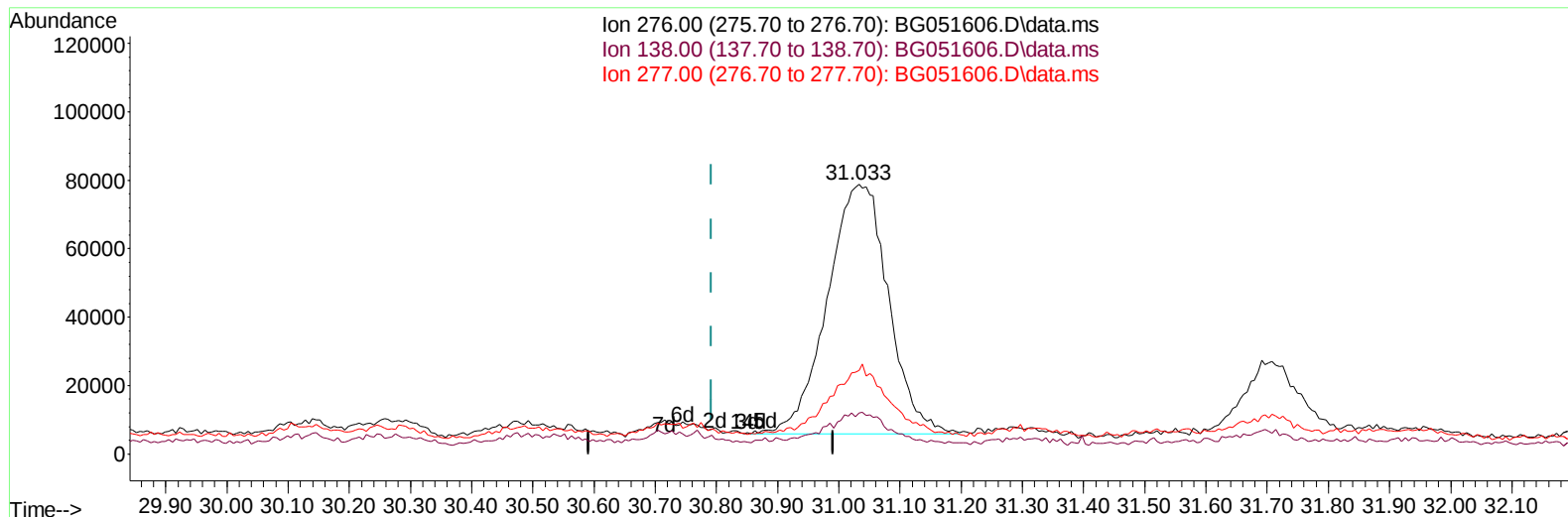
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051606.D
Acq On : 17 Dec 2021 21:45
Operator : CG/JU
Sample : M5121-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
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Supervised By :mohammad ahmed 12/24/2021



TIC: BG051606.D\data.ms

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

31.033min (+ 0.241) 35.43 ng/ul m

response 506927

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	15.23#
277.00	22.00	31.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051606.D
 Acq On : 17 Dec 2021 21:45
 Operator : CG/JU
 Sample : M5121-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL60

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:05:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
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 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	46222	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	176682	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.913	164	106629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	216631	20.000	ng/ul	0.00
79) Chrysene-d12	22.033	240	241322m	20.000	ng/ul	0.05
88) Perylene-d12	25.640	264	244649m	20.000	ng/ul	0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	2777	2.495	ng/uL	0.00
4) Pyridine-d5	4.028	84	24963	7.423	ng/ul	-0.02
7) Phenol-d5	7.400	99	65661	15.910	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.582	67	42740	17.421	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.794	132	46764	16.292	ng/ul	-0.02
15) 4-Methylphenol-d8	8.963	113	50662	15.881	ng/ul	-0.02
21) Nitrobenzene-d5	9.444	128	23737	18.325	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	27002	19.069	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.713	165	51673	16.827	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.230	131	32452	8.027	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	150720	17.660	ng/ul	-0.02
49) Acenaphthylene-d8	14.608	160	193268	18.234	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	19968	14.387	ng/ul	-0.01
60) Fluorene-d10	15.900	176	133480	17.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	9126	8.086	ng/ul	-0.01
73) Anthracene-d10	17.762	188	205468	19.883	ng/ul	0.00
81) Pyrene-d10	20.048	212	323448	22.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.393	264	297437m	23.106	ng/ul	0.14
Target Compounds						
					Qvalue	
52) Acenaphthene	14.978	153	36190	5.282	ng/ul	98
61) Fluorene	15.953	166	50151	6.032	ng/ul#	96
67) N-Nitrosodiphenylamine	16.159	169	55186	9.471	ng/ul#	47
74) Anthracene	17.798	178	40969	3.640	ng/ul#	77
78) Di-n-butylphthalate	18.626	149	13328	1.099	ng/ul#	50
80) Fluoranthene	19.713	202	128809	7.726	ng/ul	97
82) Pyrene	20.083	202	1292319	78.330	ng/ul#	92
83) Butylbenzylphthalate	20.976	149	43153m	7.799	ng/ul	
84) 3,3'-Dichlorobenzidine	21.875	252	104963	18.455	ng/ul#	72
85) Benzo(a)anthracene	22.010	228	660791m	42.087	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.916	149	9033206m	1165.547	ng/ul	
87) Chrysene	22.086	228	1582000m	104.297	ng/ul	
89) Di-n-octyl phthalate	23.255	149	7529413	571.396	ng/ul	100
90) Benzo(b)fluoranthene	24.506	252	341828m	20.860	ng/ul	
91) Benzo(k)fluoranthene	24.559	252	101032m	6.584	ng/ul	
93) Benzo(a)pyrene	25.487	252	706704m	45.696	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.723	276	111677m	6.614	ng/ul	
95) Dibenzo(a,h)anthracene	29.770	278	88241m	6.119	ng/ul	
96) Benzo(g,h,i)perylene	31.033	276	506927m	35.429	ng/ul	

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

