

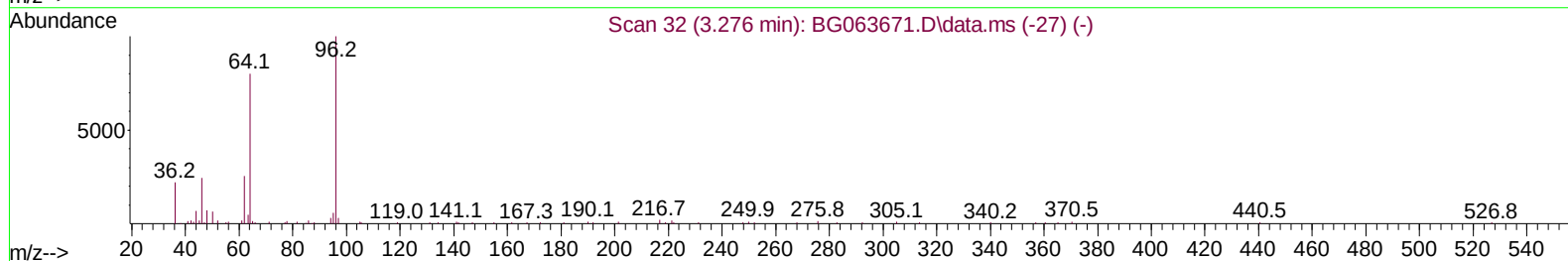
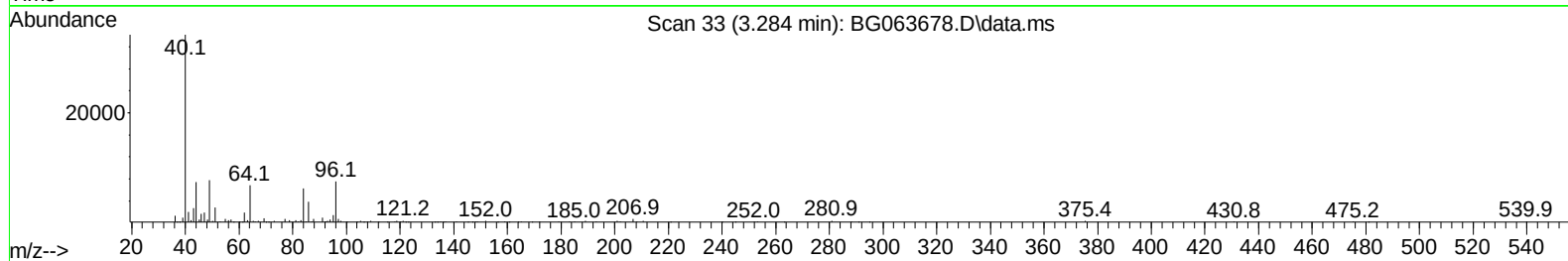
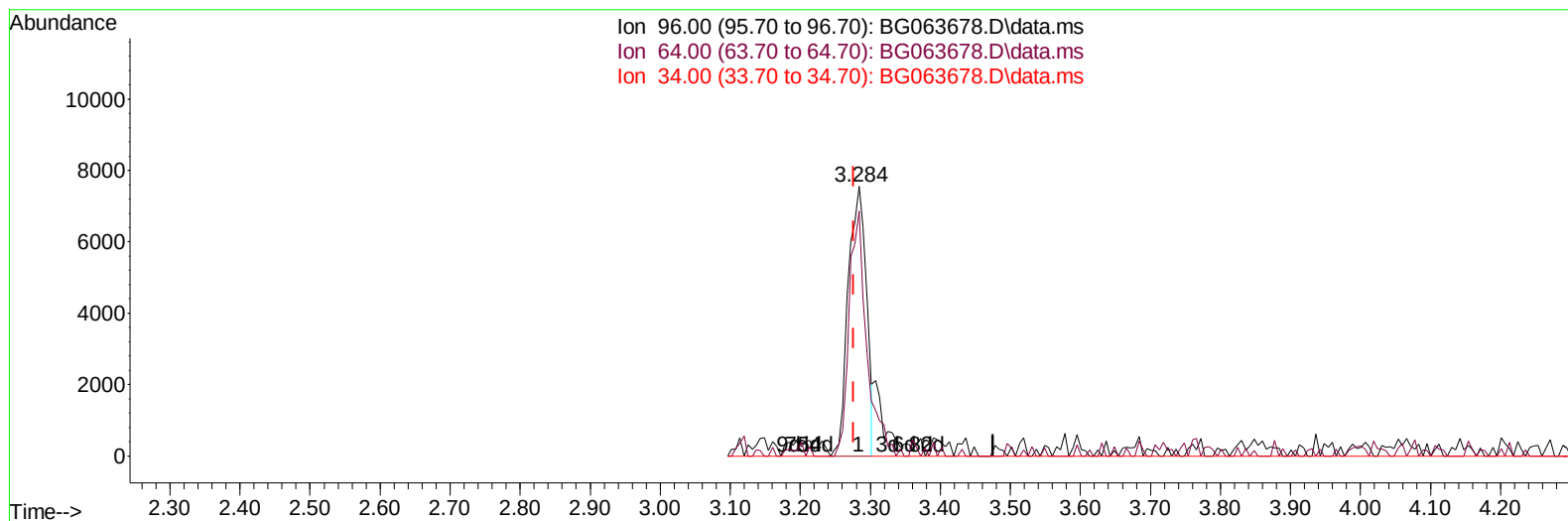
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 00:26:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration



TIC: BG063678.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.284min (+ 0.008) 2.48 ng/uL****response 13812**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	90.89
34.00	0.00	0.00
0.00	0.00	0.00

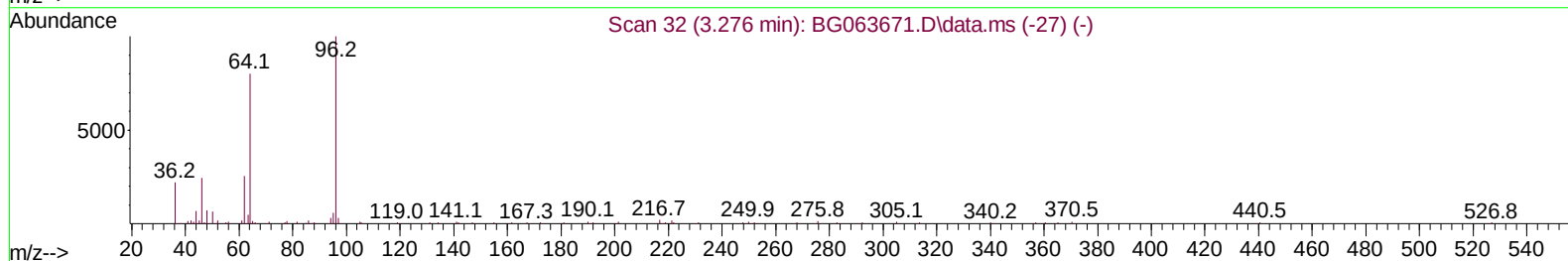
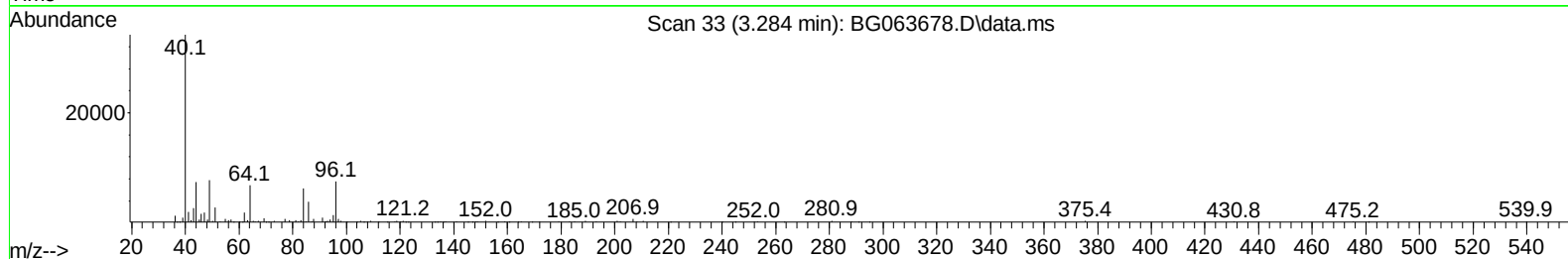
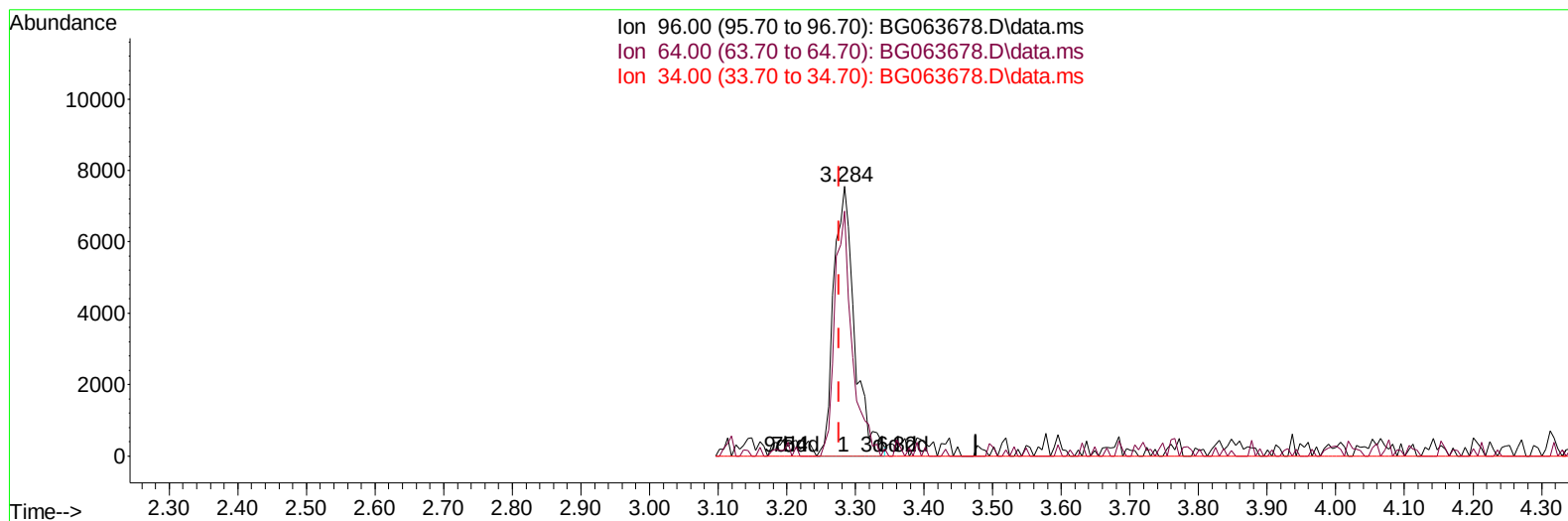
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.284min (+ 0.008) 2.88 ng/uL m

response 16033

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.80	90.89
34.00	0.00	0.00
0.00	0.00	0.00

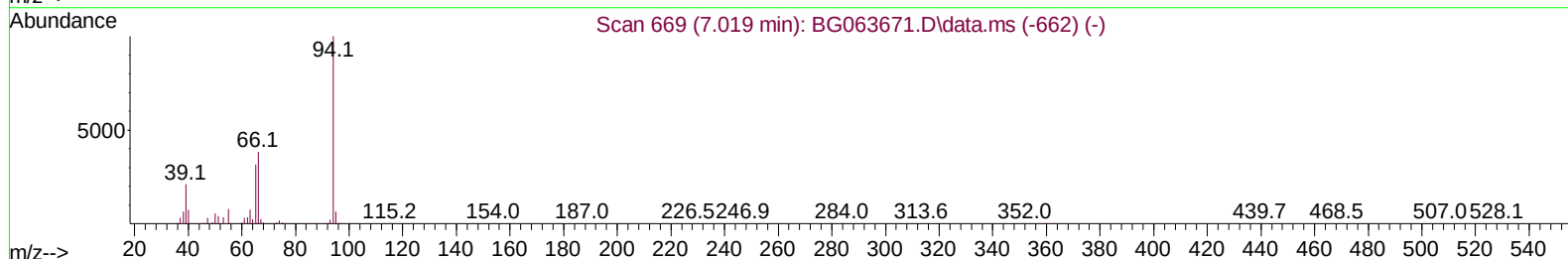
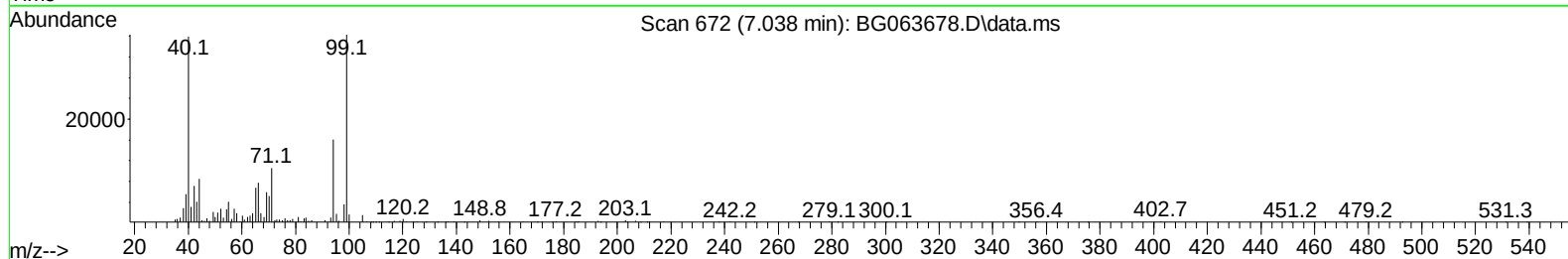
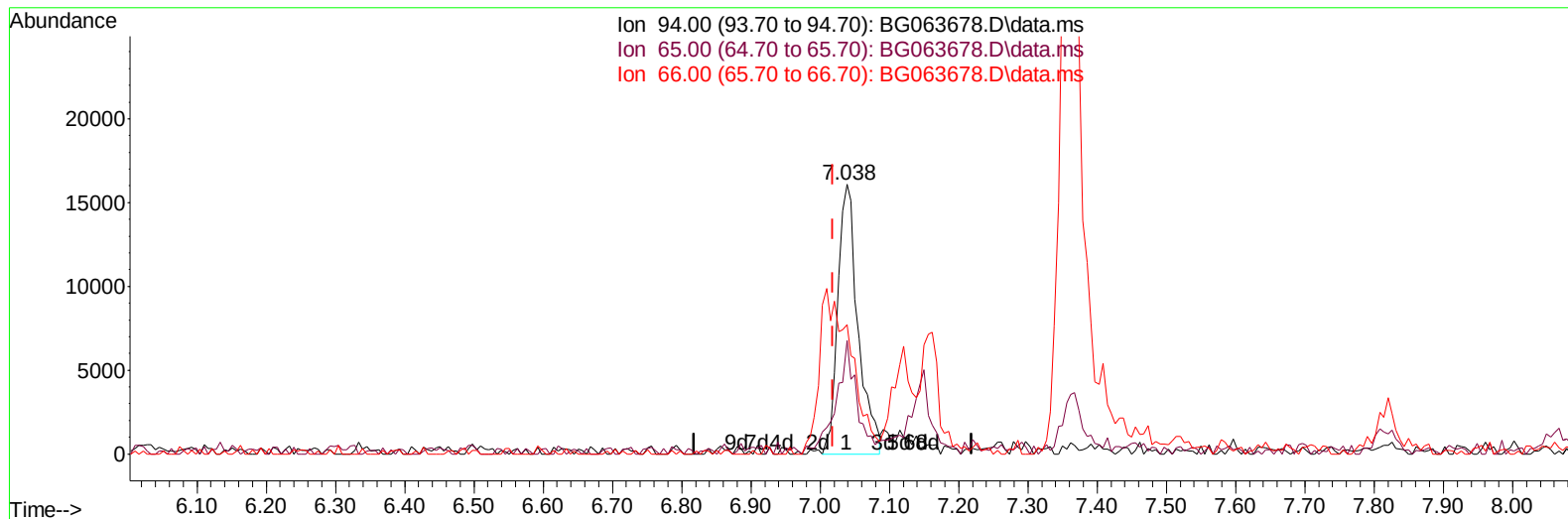
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(8) Phenol

7.038min (+ 0.020) 1.53 ng/u1

response 32656

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.00	42.20#
66.00	42.70	47.90
0.00	0.00	0.00

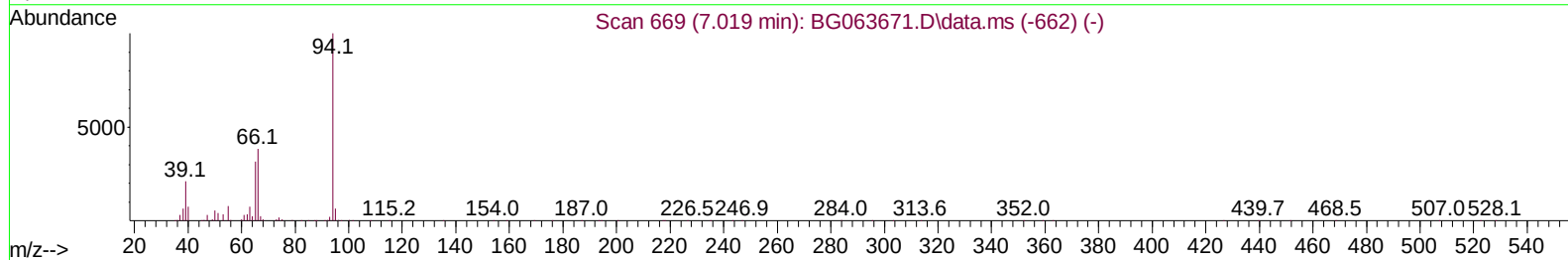
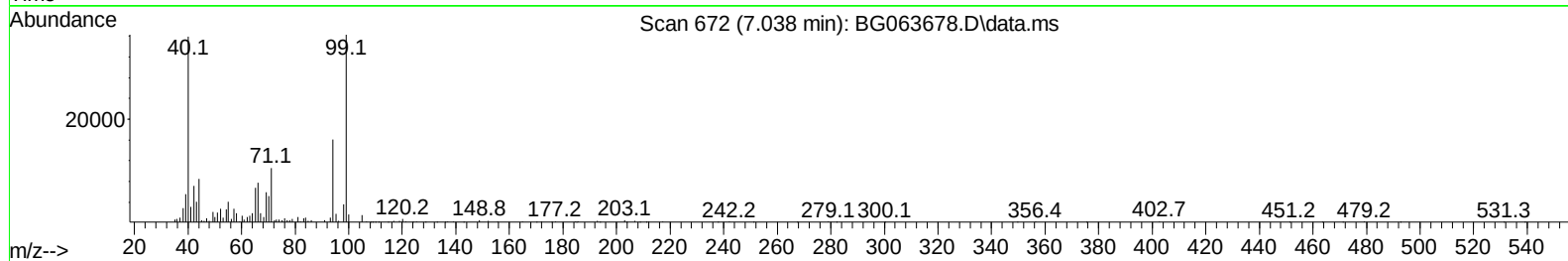
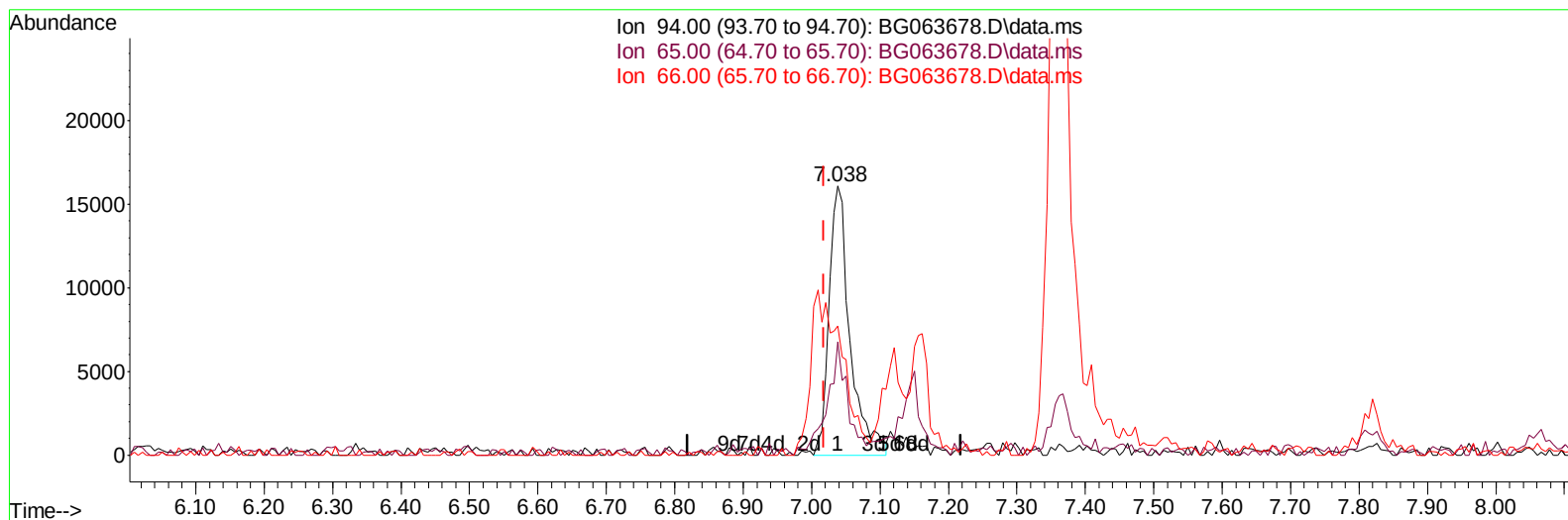
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(8) Phenol

7.038min (+ 0.020) 1.59 ng/ul m

response 34134

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.00	42.20#
66.00	42.70	47.90
0.00	0.00	0.00

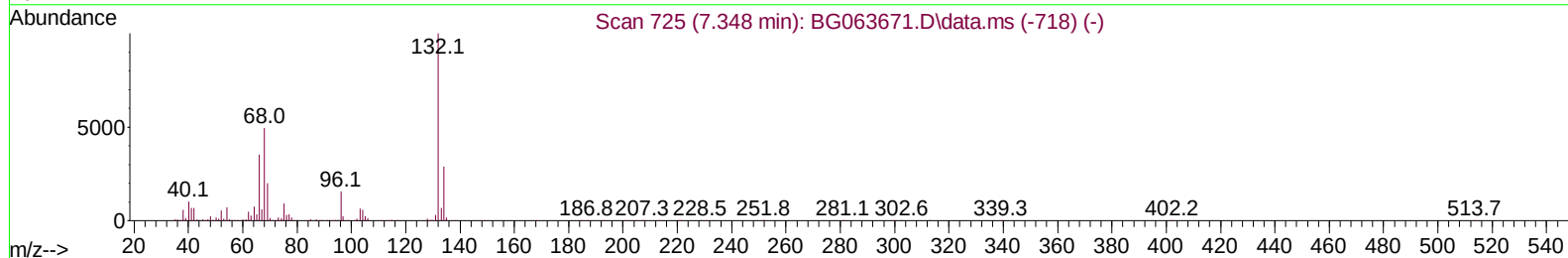
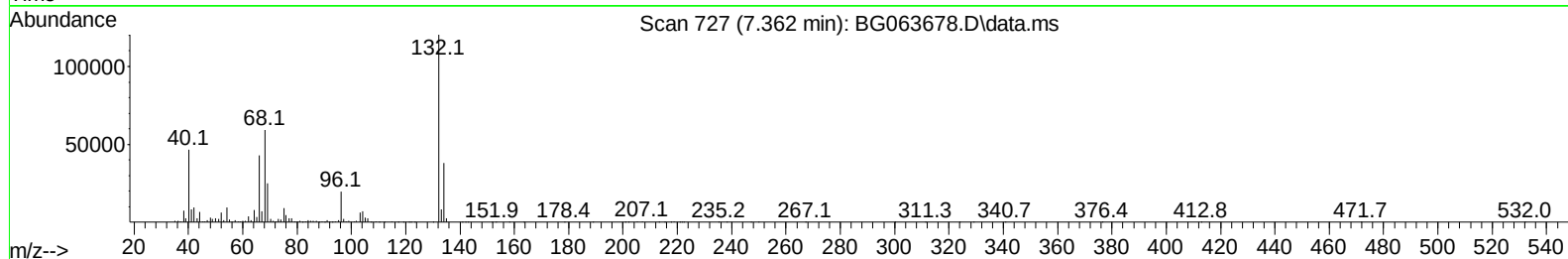
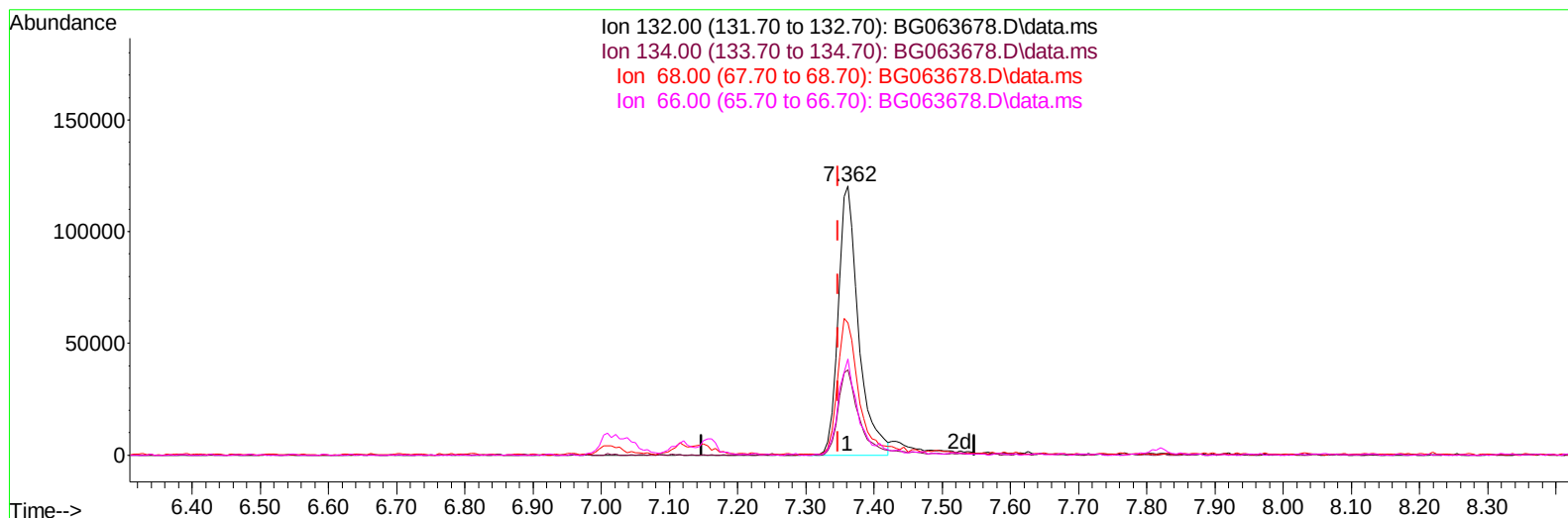
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.362min (+ 0.014) 19.19 ng/u1

response 249644

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.70	31.72
68.00	58.20	49.27
66.00	40.50	35.76

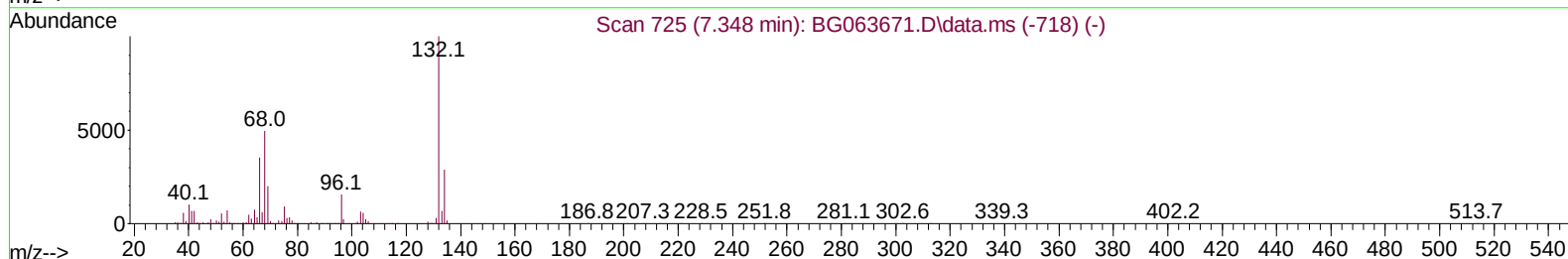
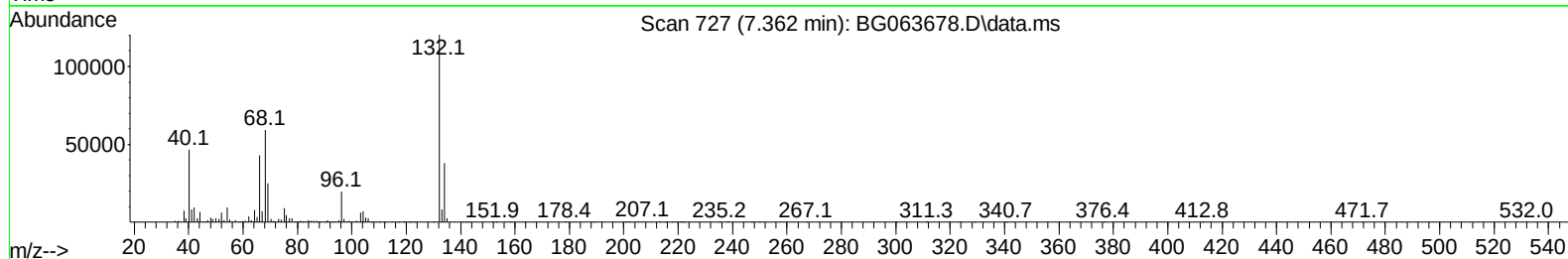
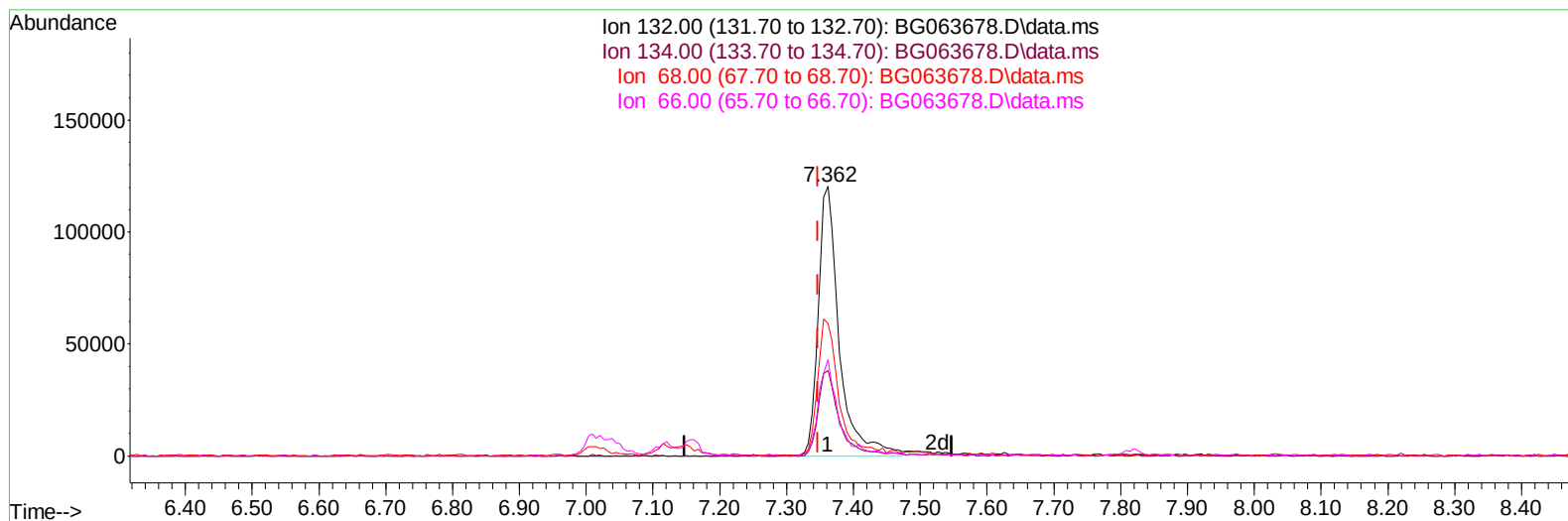
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 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.362min (+ 0.014) 20.17 ng/ul m

response 262285

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	31.70	31.72
68.00	58.20	49.27
66.00	40.50	35.76

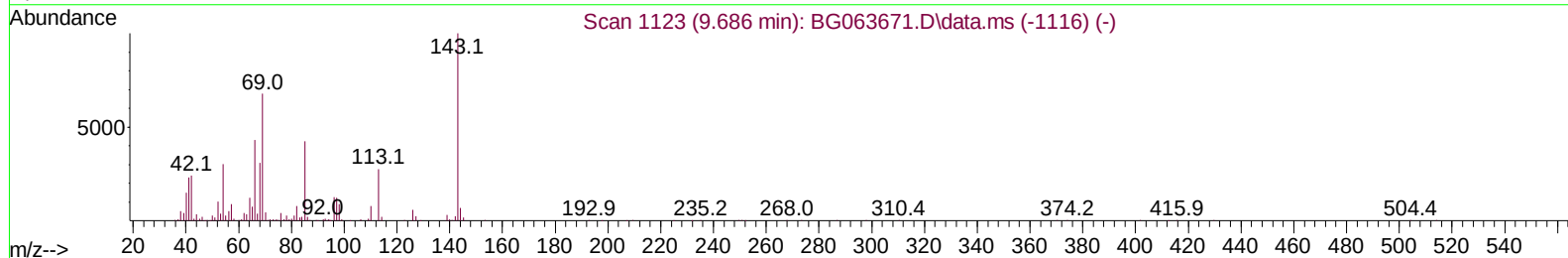
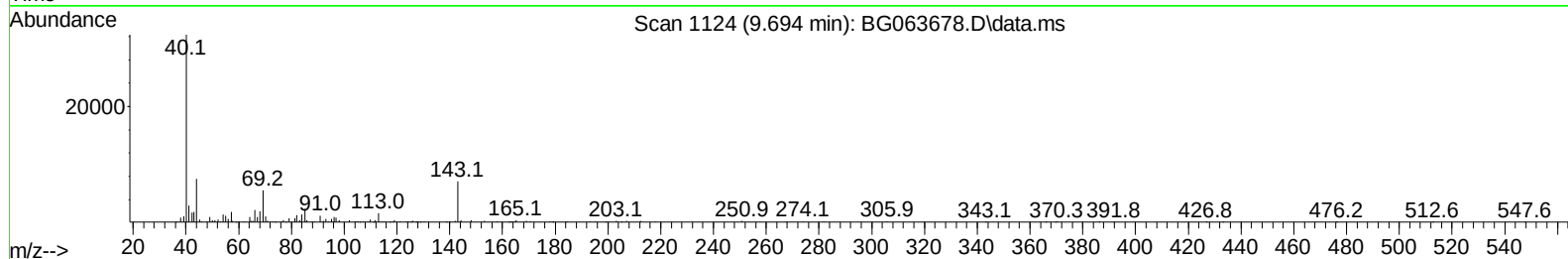
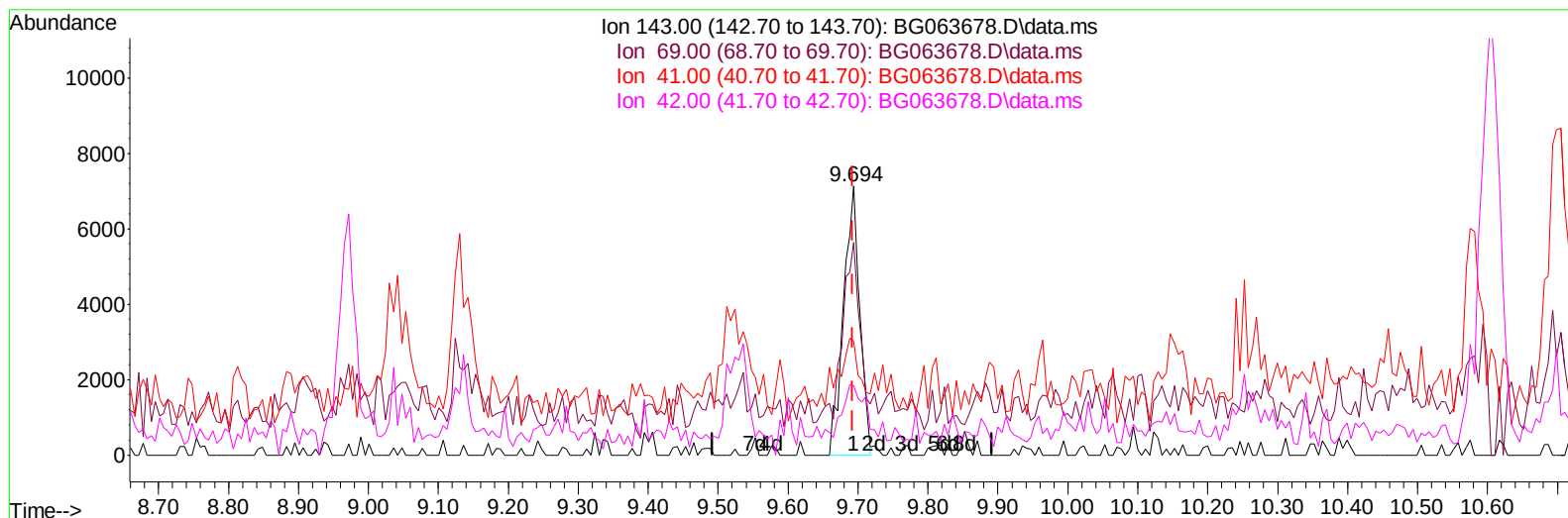
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.694min (+ 0.002) 1.69 ng/u1

response 11617

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	70.00	79.14
41.00	24.40	42.29#
42.00	25.90	25.78

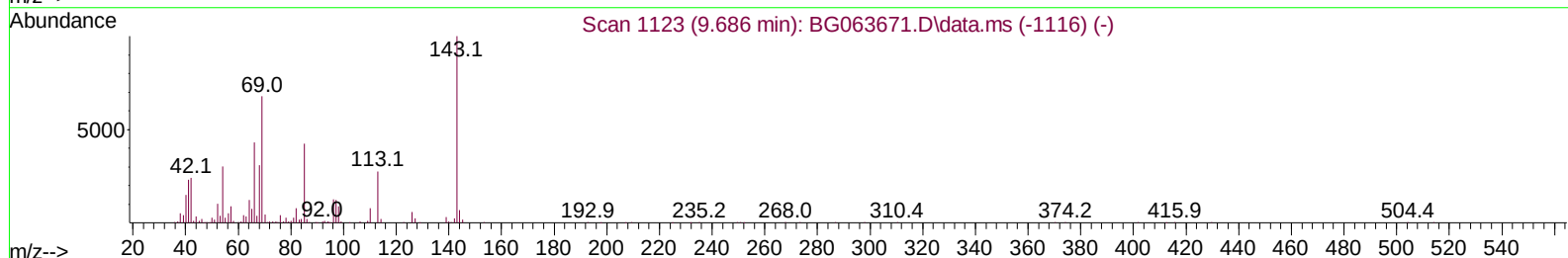
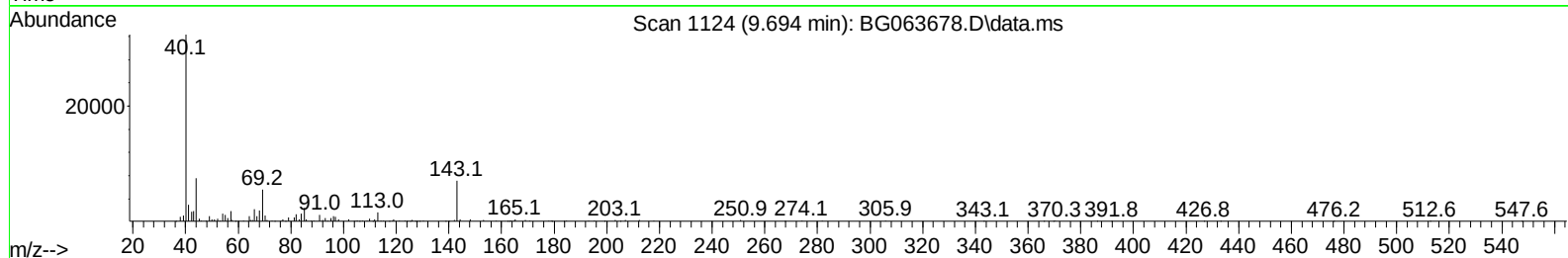
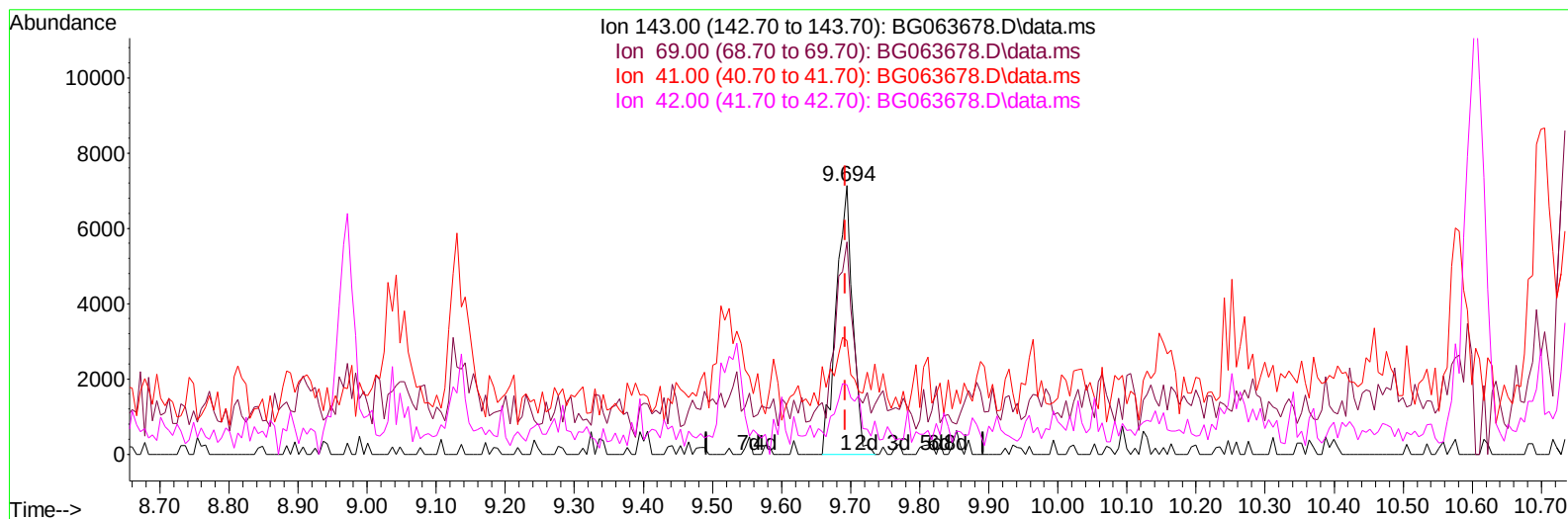
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.694min (+ 0.002) 1.71 ng/ul m

response 11758

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	70.00	79.14
41.00	24.40	42.29#
42.00	25.90	25.78

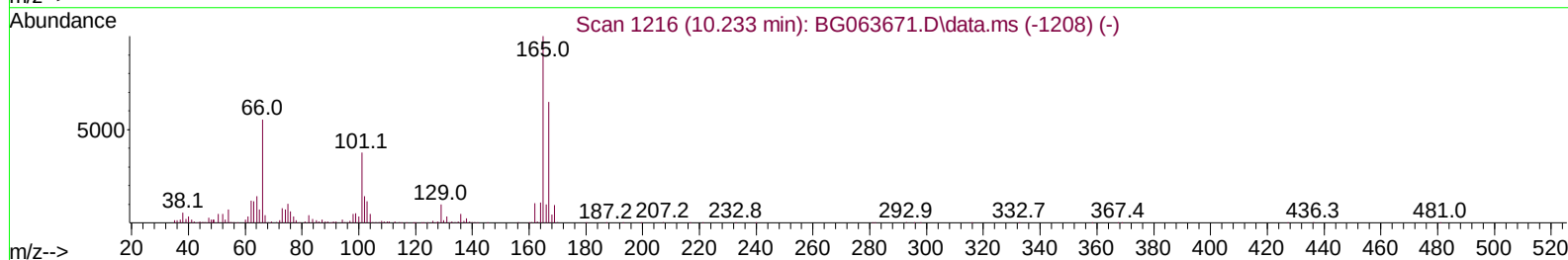
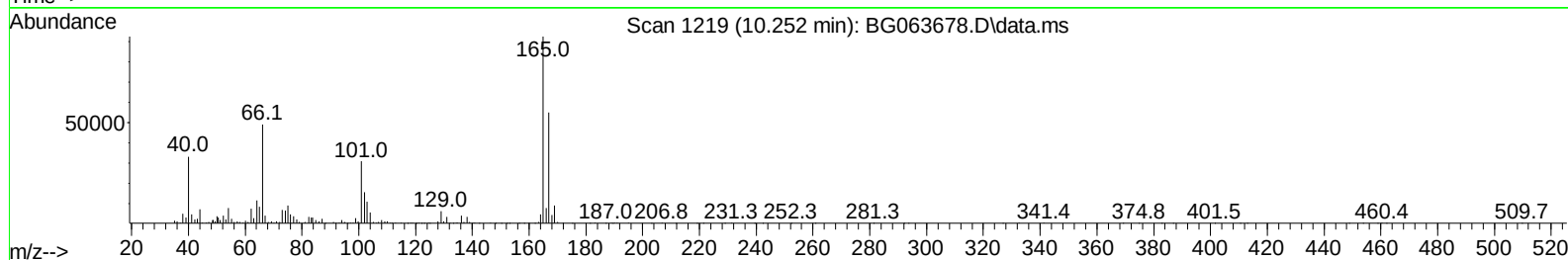
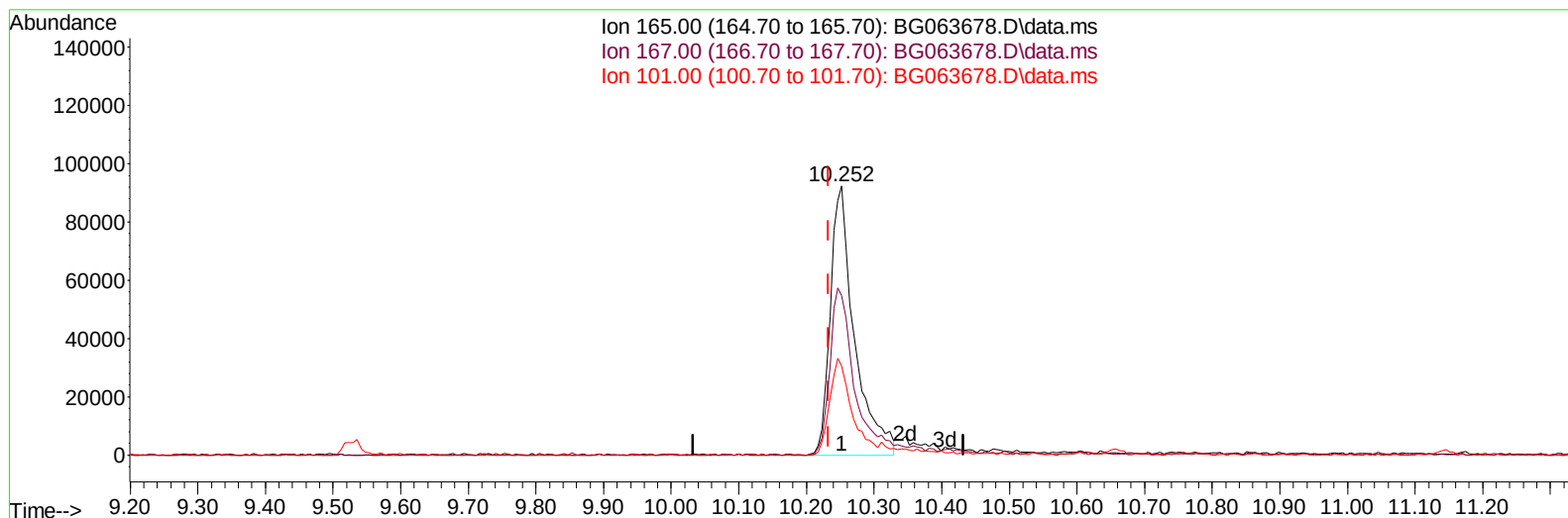
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Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

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TIC: BG063678.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.252min (+ 0.020) 17.16 ng/ul

response 227925

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	68.10	59.39
101.00	35.50	33.19
0.00	0.00	0.00

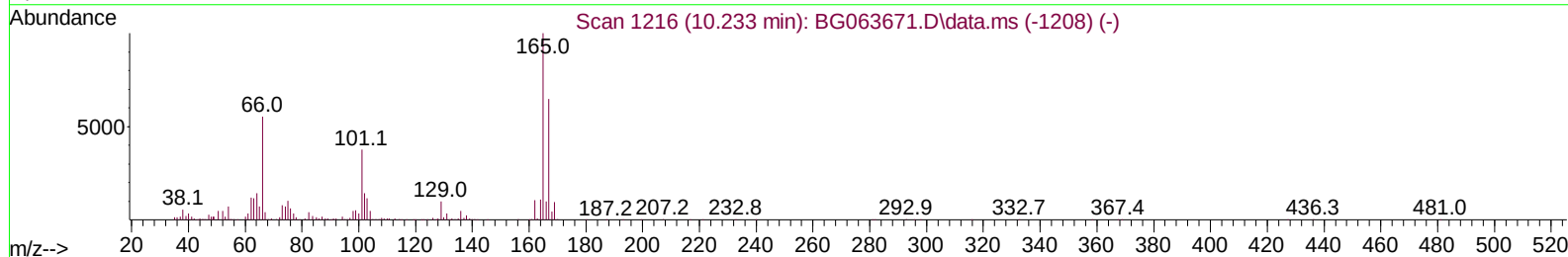
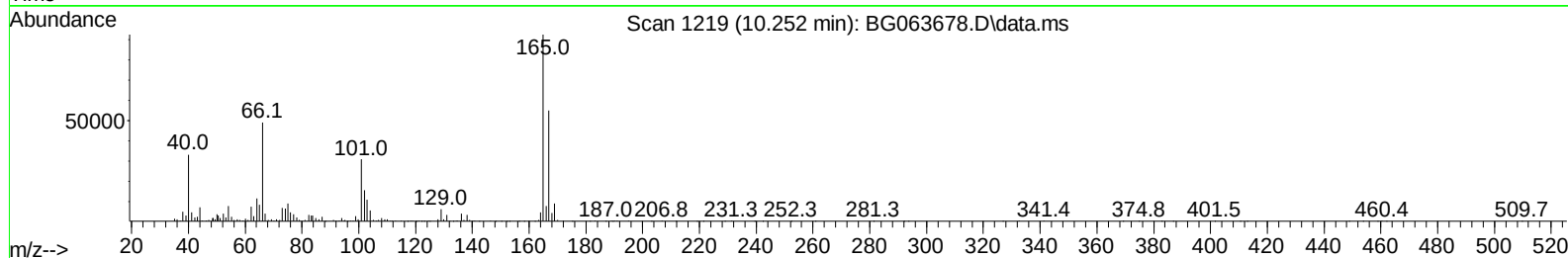
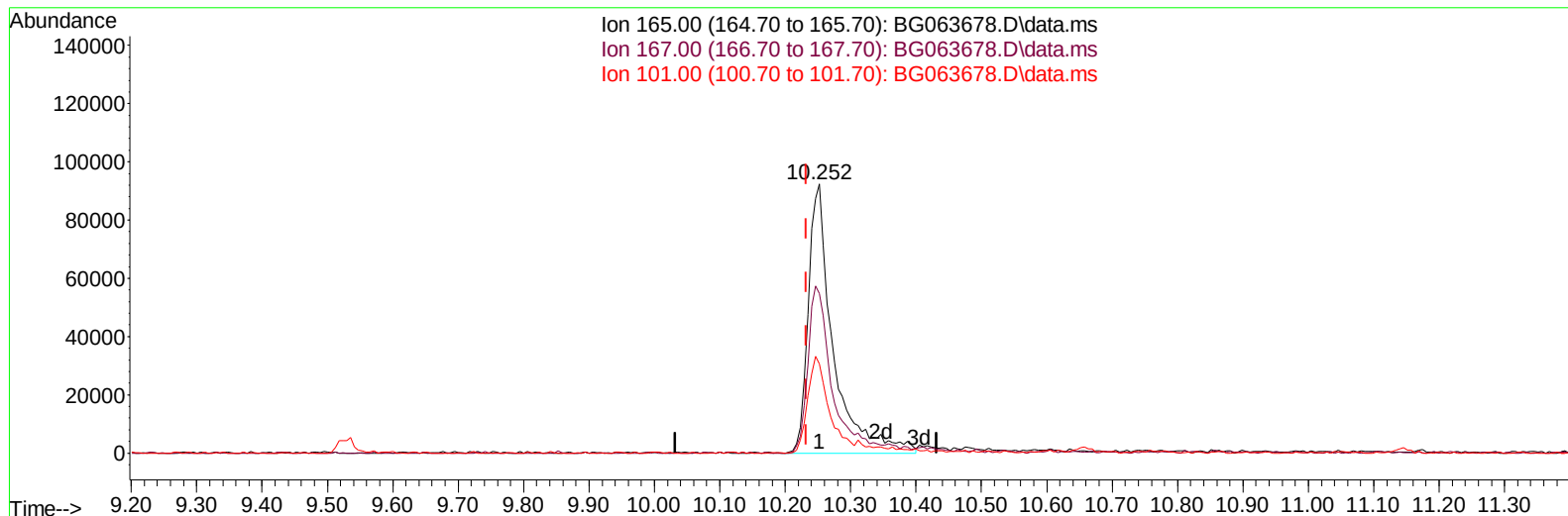
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Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.252min (+ 0.020) 18.40 ng/ul m

response 244444

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	68.10	59.39
101.00	35.50	33.19
0.00	0.00	0.00

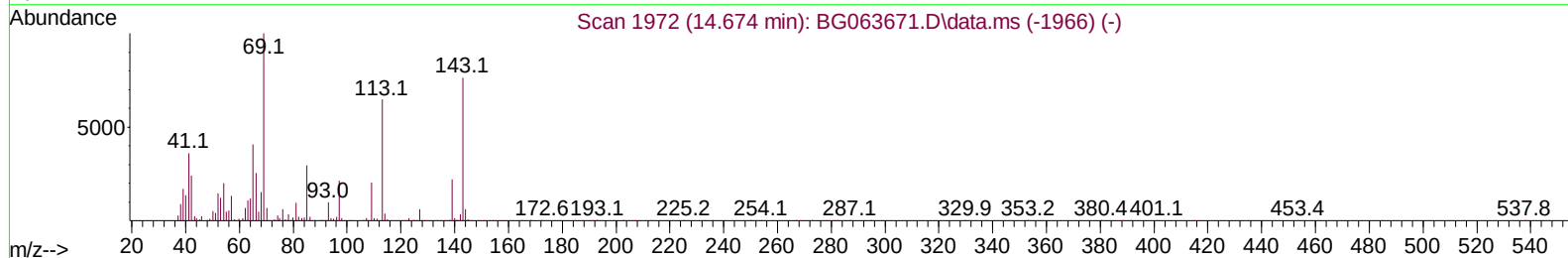
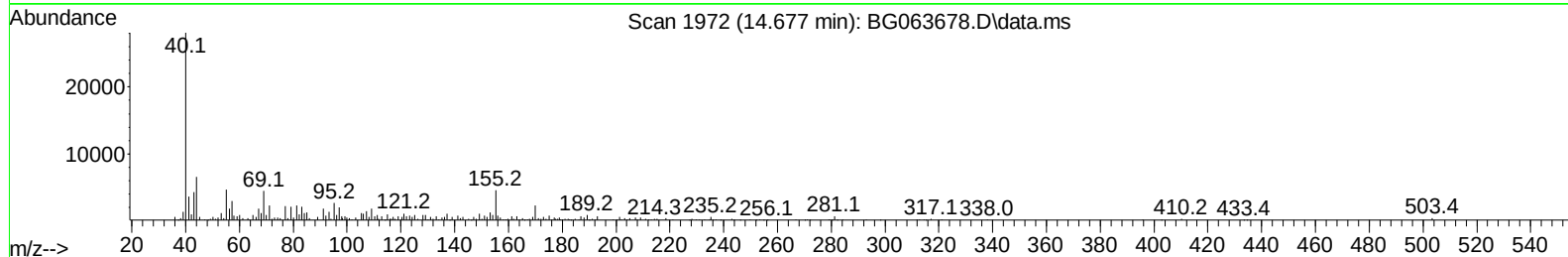
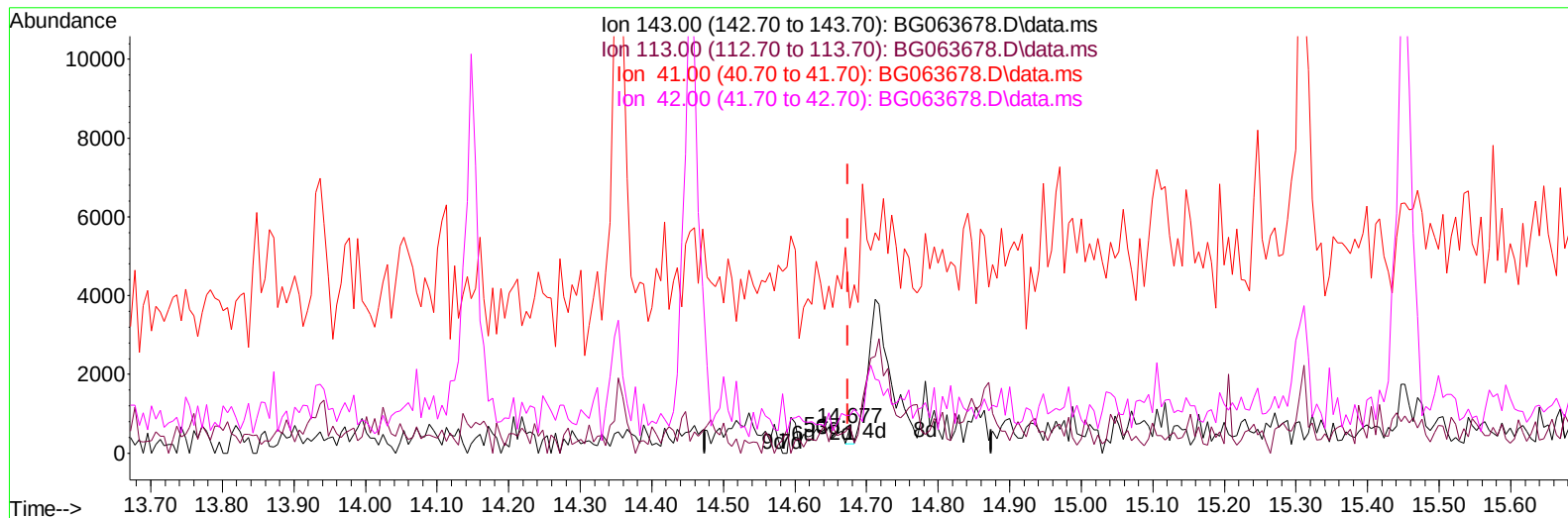
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.677min (+ 0.002) 0.03 ng/ul

response 167

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	106.13
41.00	48.20	563.50#
42.00	26.60	148.16#

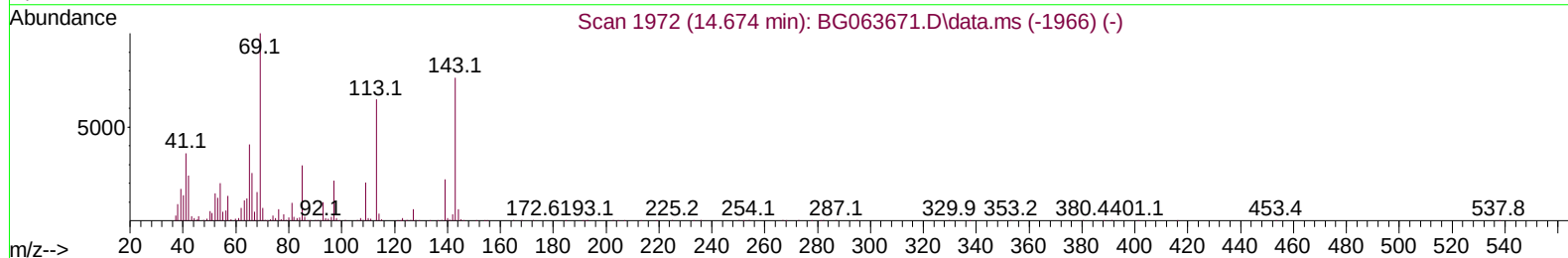
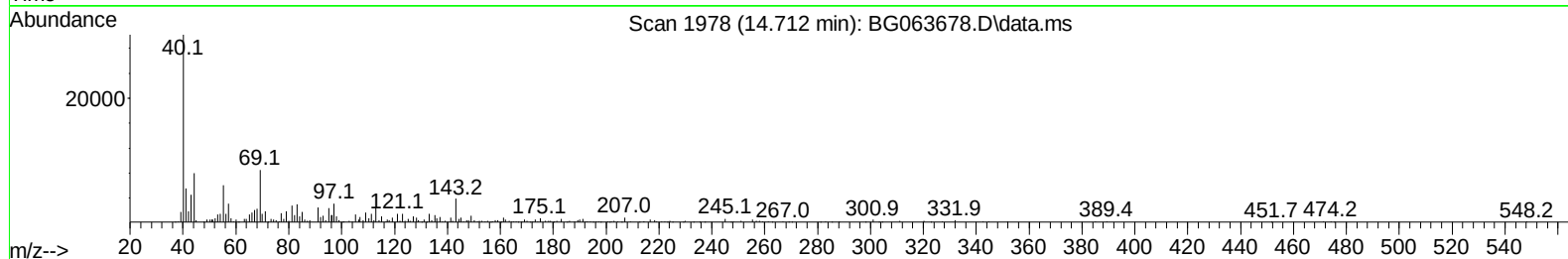
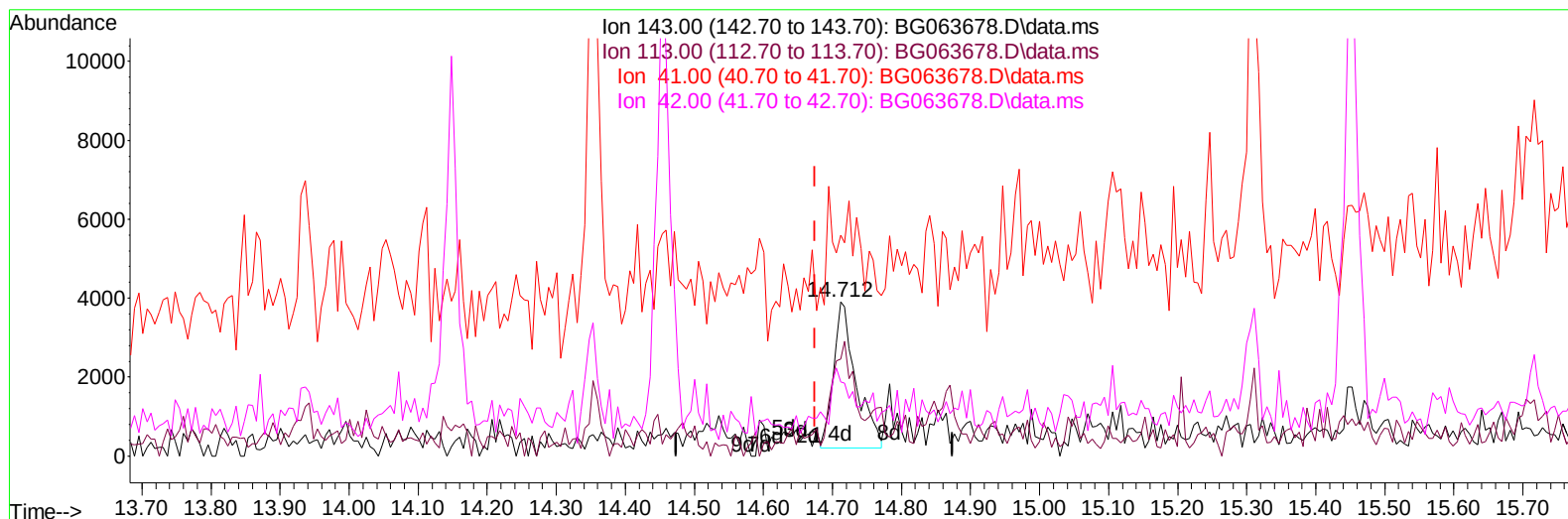
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.712min (+ 0.037) 1.48 ng/ul m

response 8293

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	89.70	62.73#
41.00	48.20	143.23#
42.00	26.60	48.17#

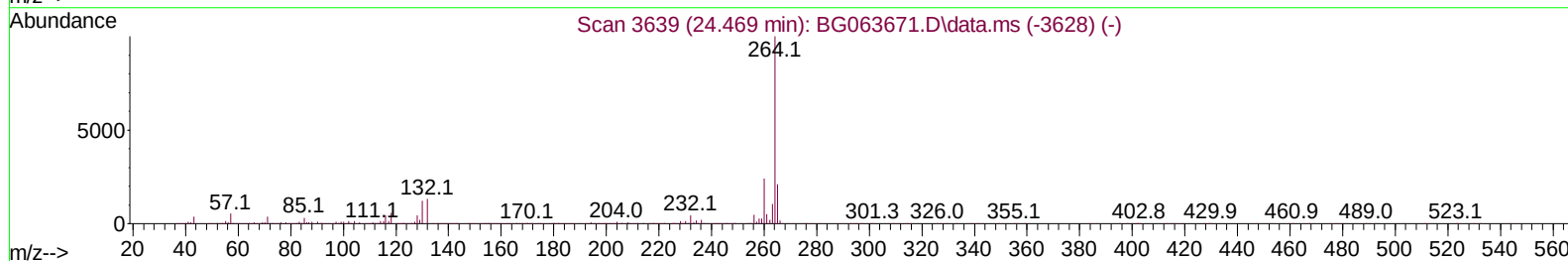
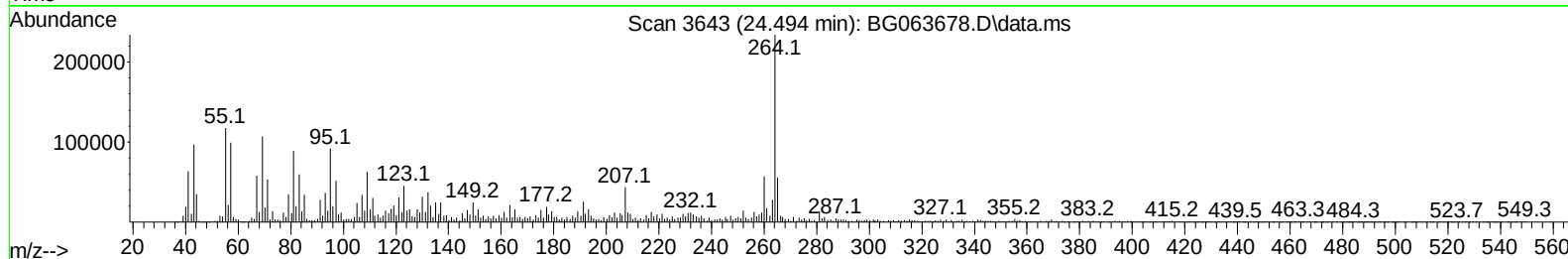
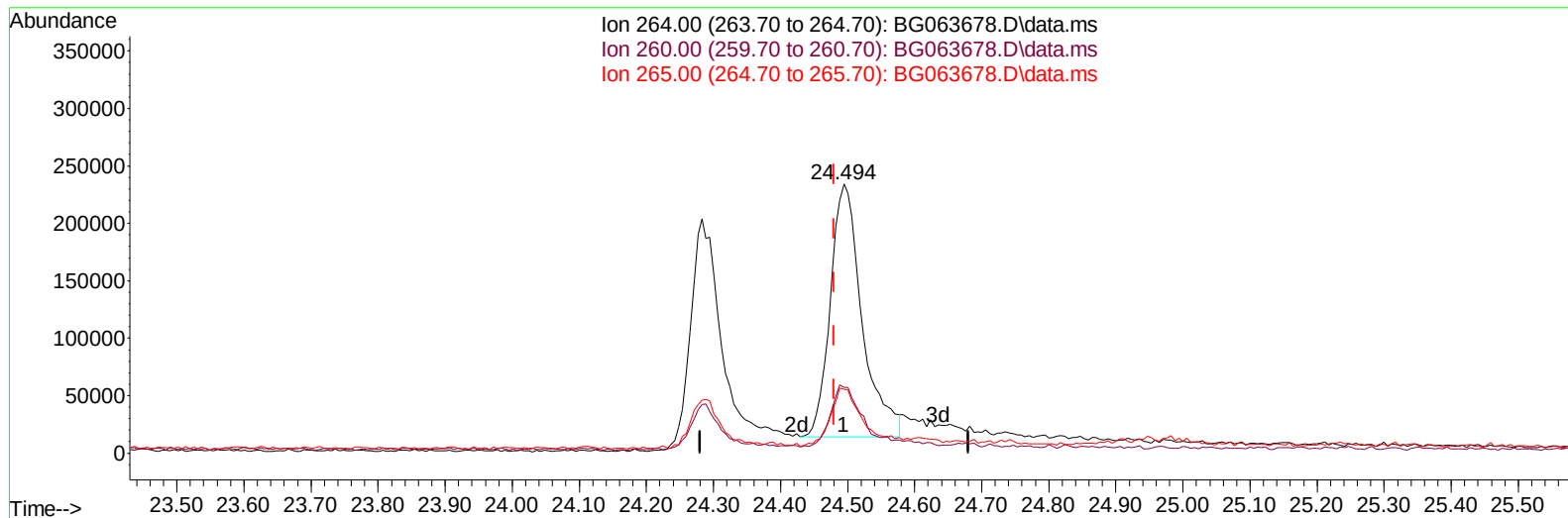
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
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 QLast Update : Wed Dec 11 23:59:23 2024
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Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(88) Perylene-d12 (I)

24.494min (+ 0.014) 20.00 ng/ul

response 718529

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.00	24.33
265.00	21.20	23.81
0.00	0.00	0.00

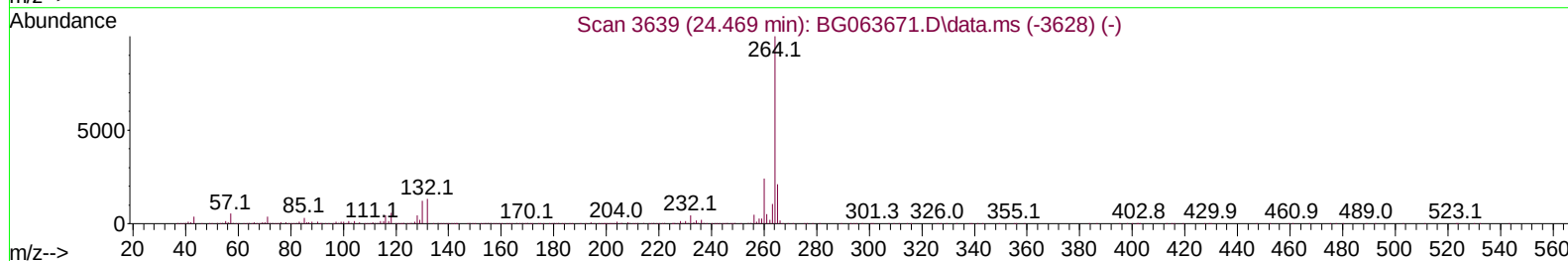
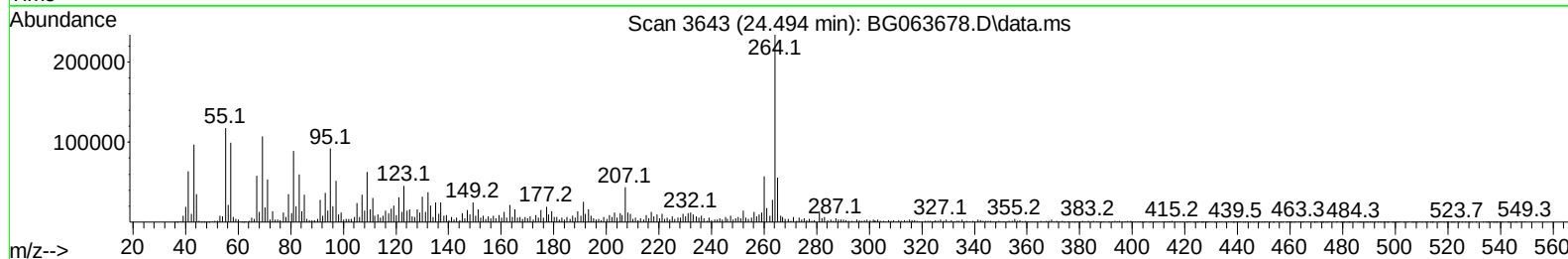
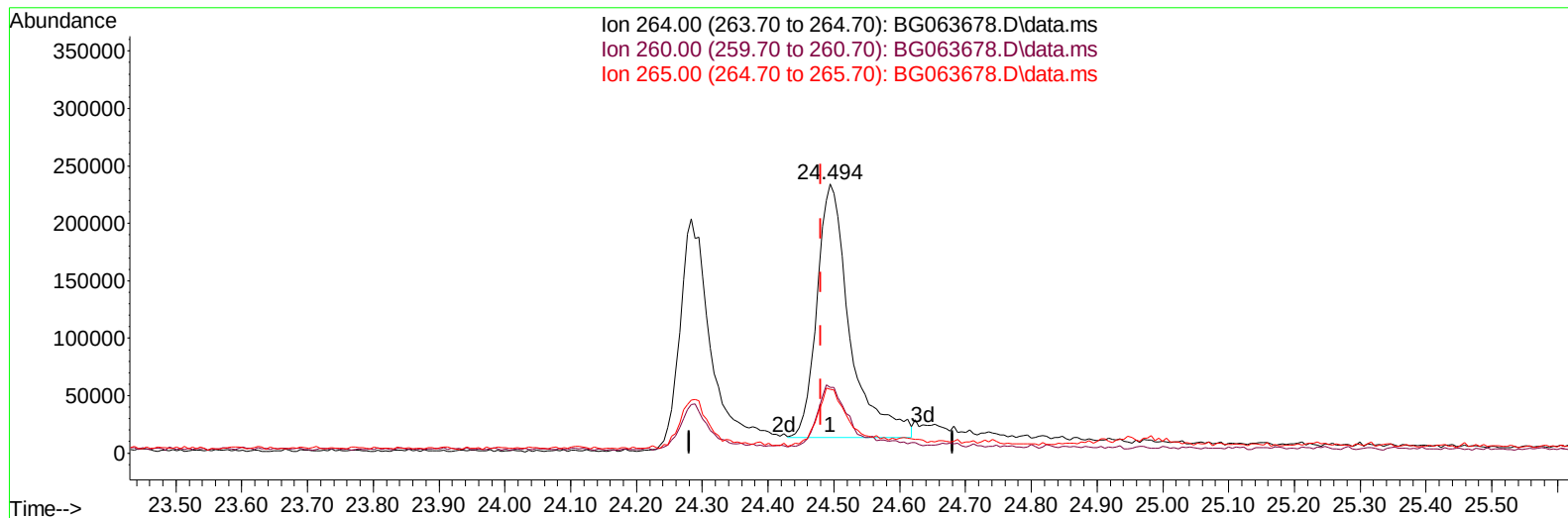
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:26:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(88) Perylene-d12 (I)

24.494min (+ 0.014) 20.00 ng/ul m

response 764423

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.00	24.33
265.00	21.20	23.81
0.00	0.00	0.00

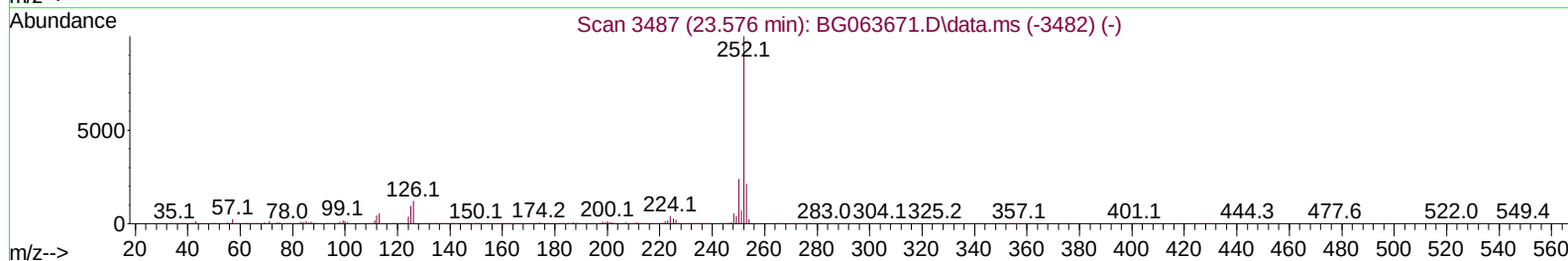
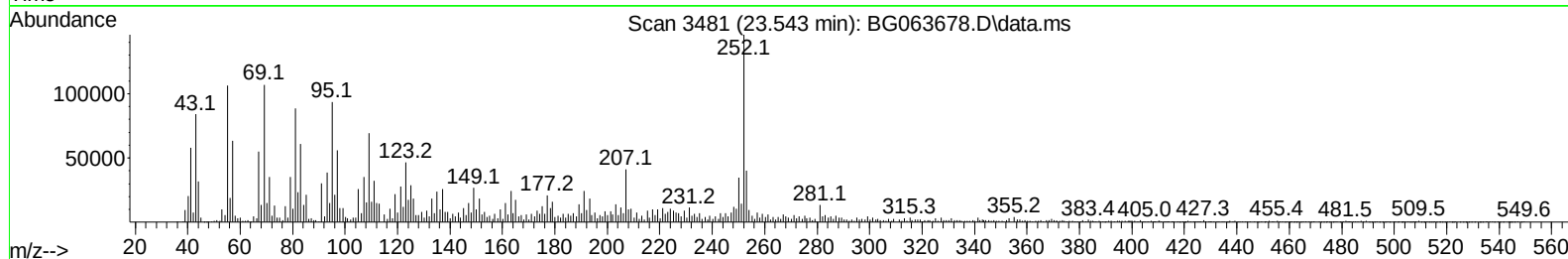
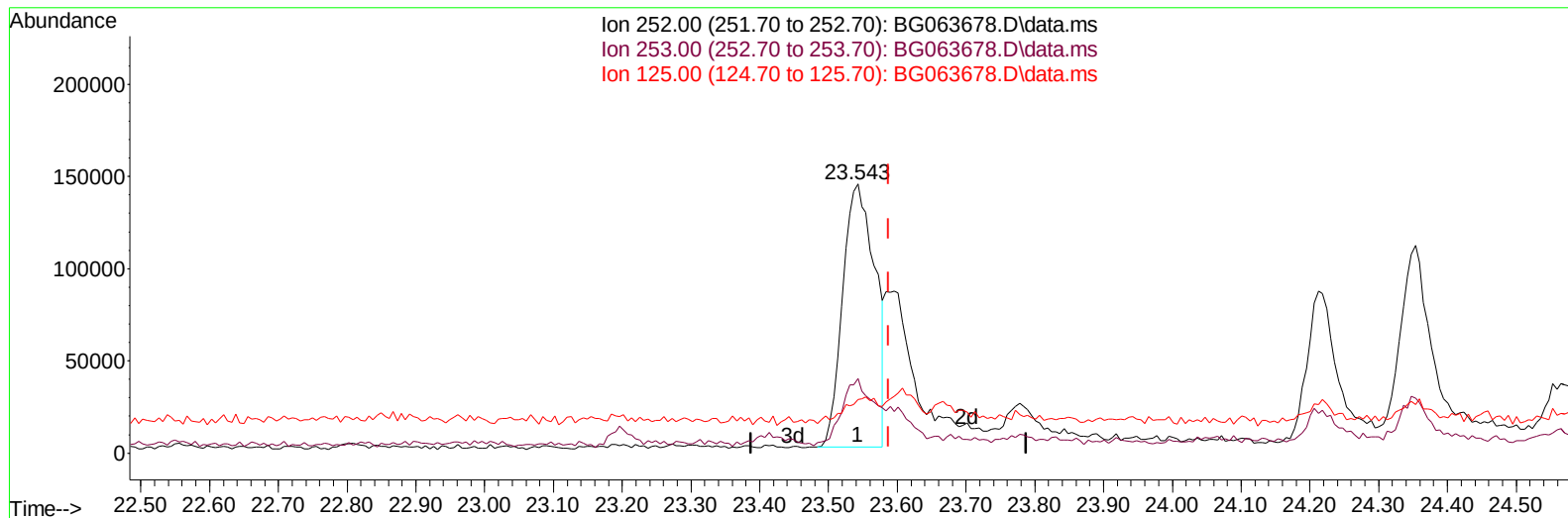
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(91) Benzo(k)fluoranthene

23.543min (-0.045) 10.73 ng/u1

response 464924

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	27.61#
125.00	8.10	19.86#
0.00	0.00	0.00

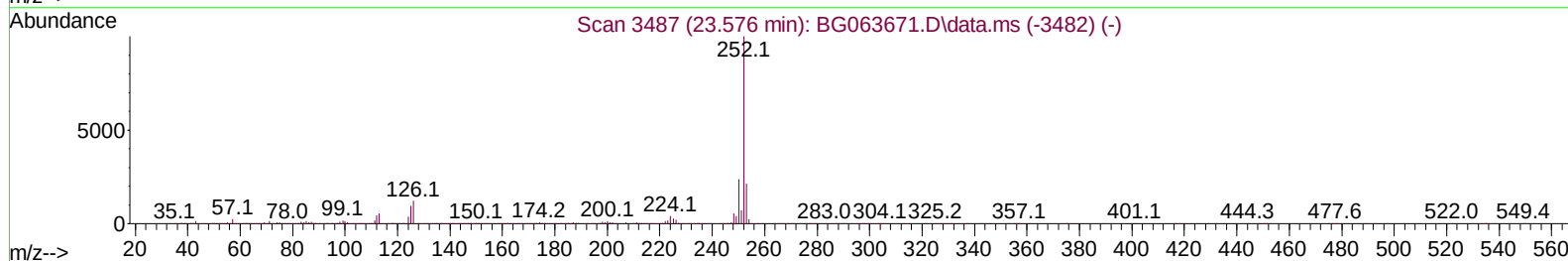
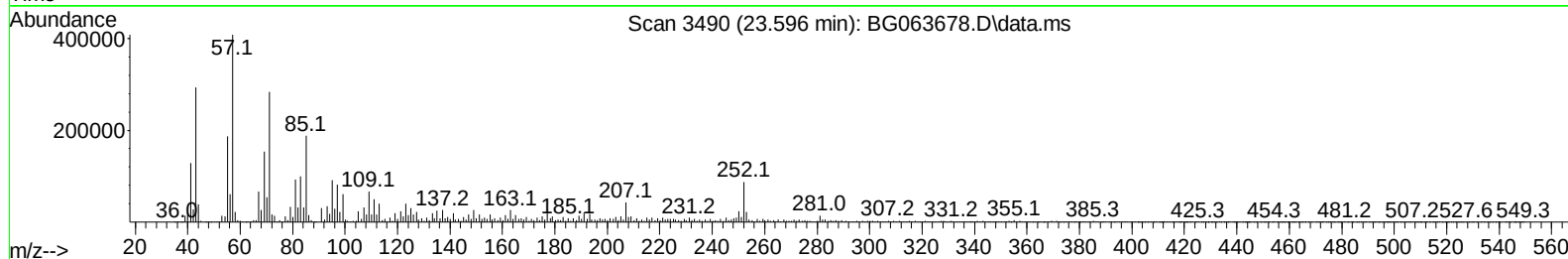
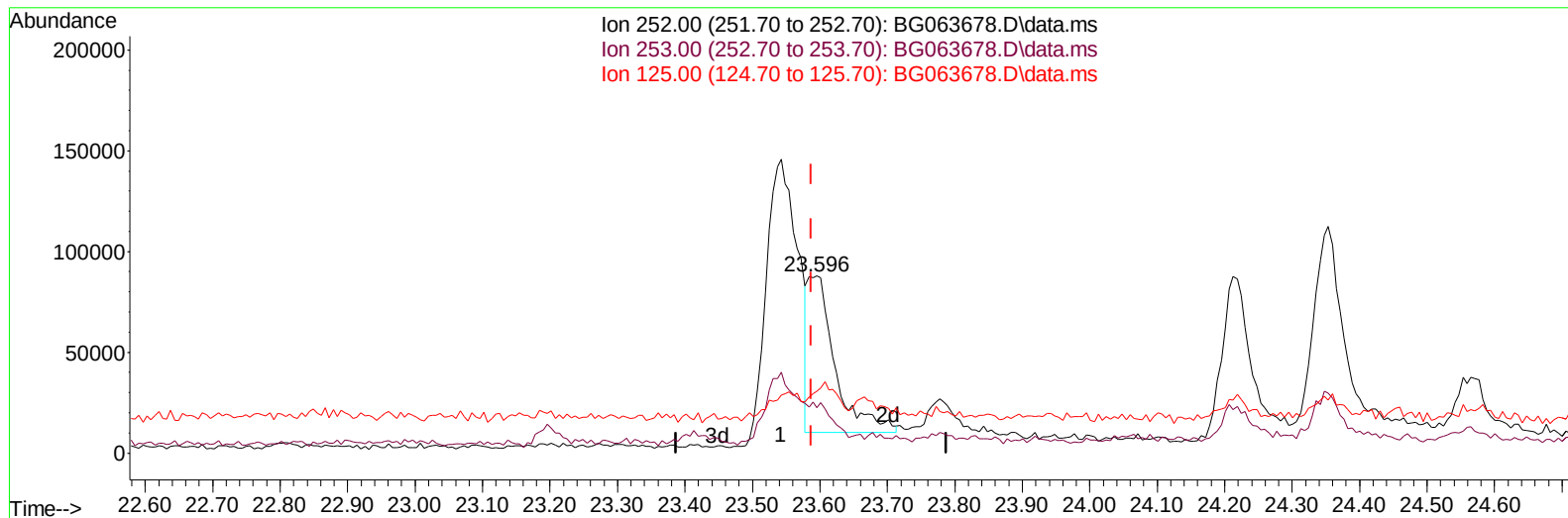
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(91) Benzo(k)fluoranthene

23.596min (+ 0.008) 4.98 ng/ul m

response 215876

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	25.53
125.00	8.10	35.02#
0.00	0.00	0.00

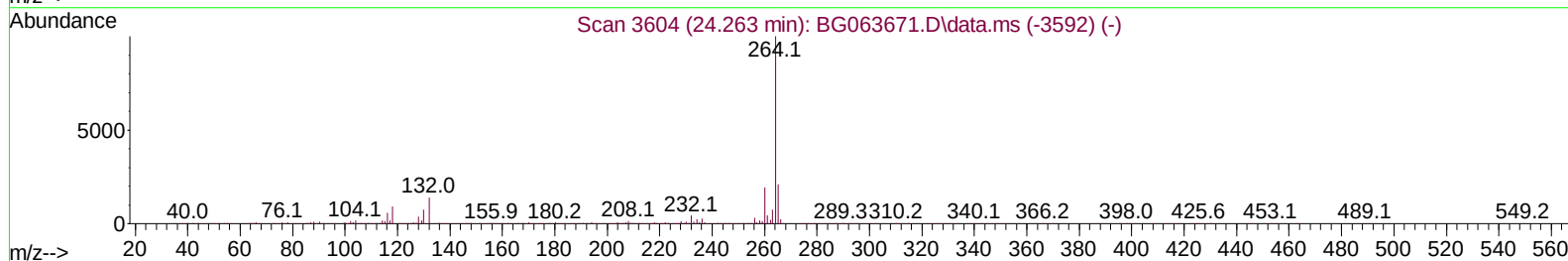
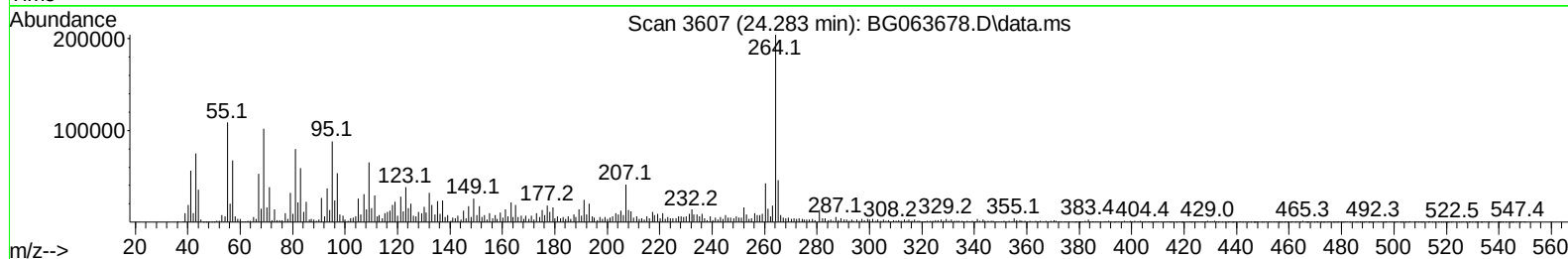
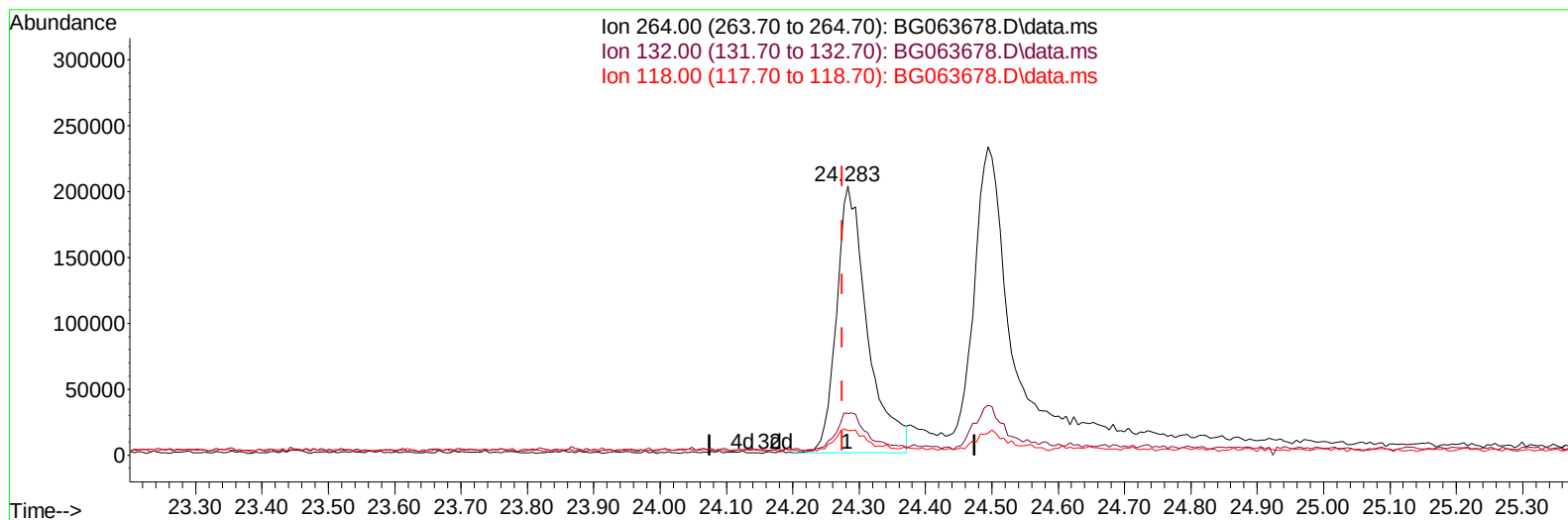
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

24.283min (+ 0.008) 18.34 ng/ul

response 658224

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	11.70	15.53#
118.00	6.90	9.19#
0.00	0.00	0.00

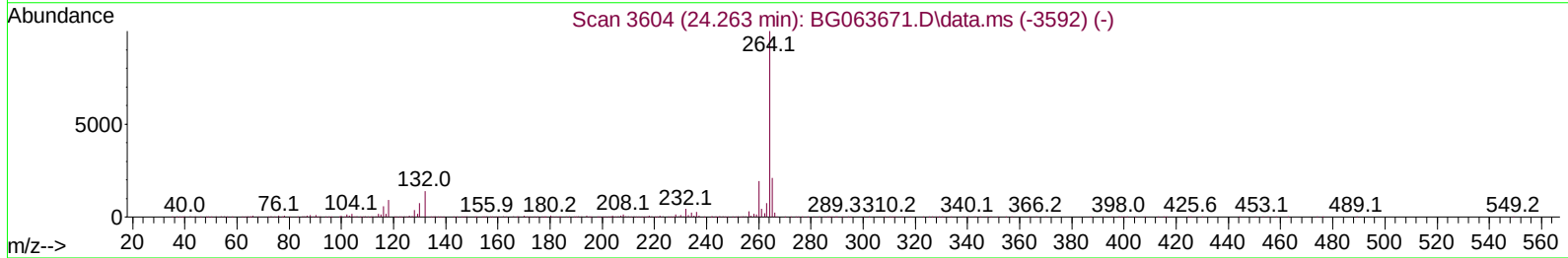
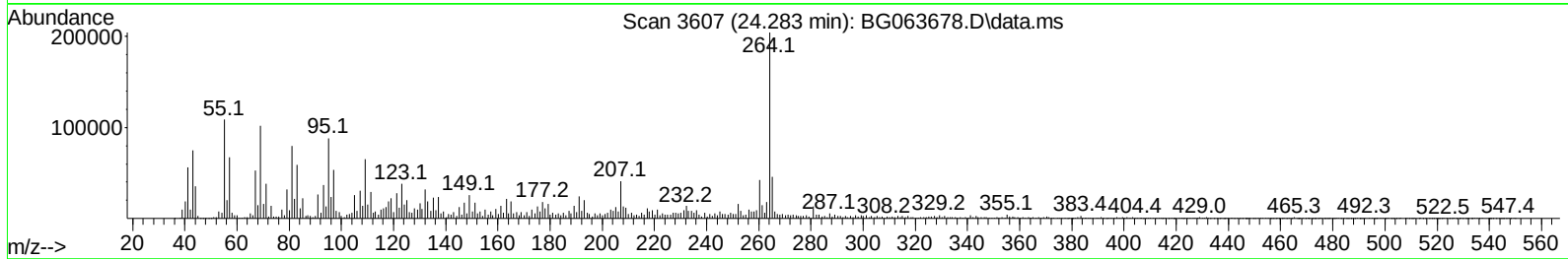
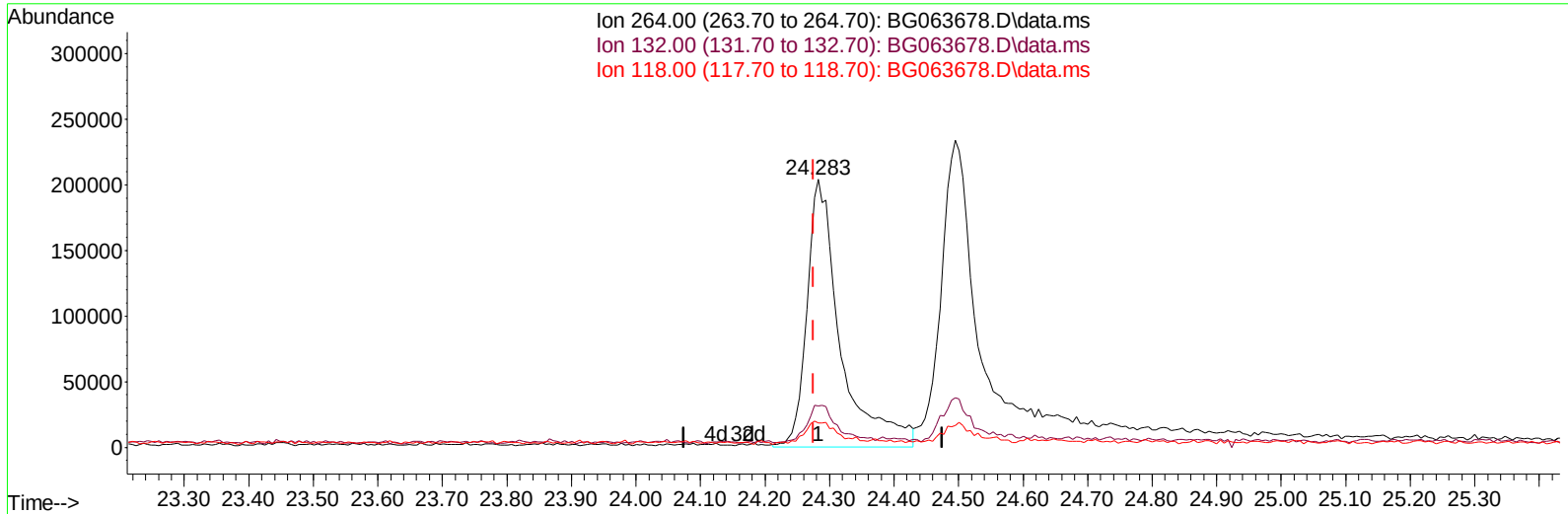
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

24.283min (+ 0.008) 20.37 ng/ul m

response 731079

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	11.70	15.53#
118.00	6.90	9.19#
0.00	0.00	0.00

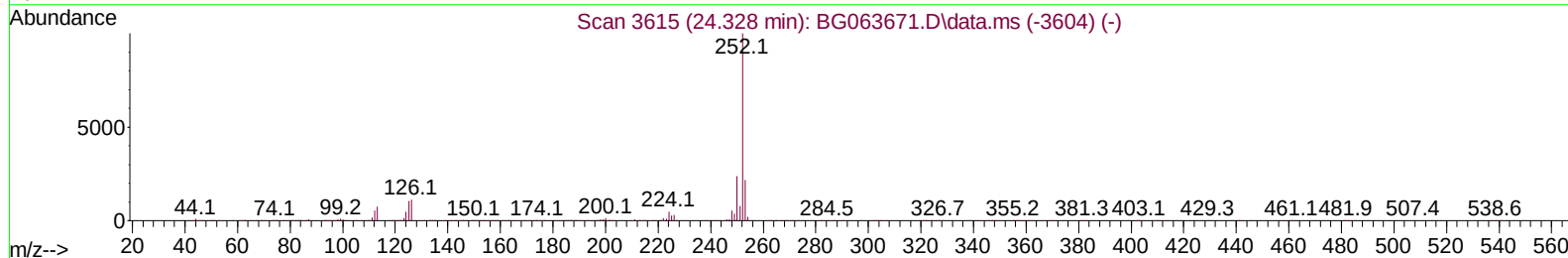
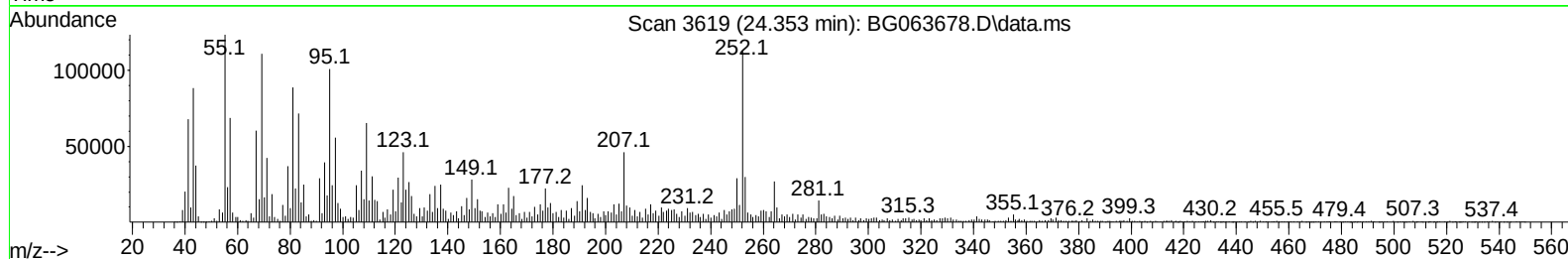
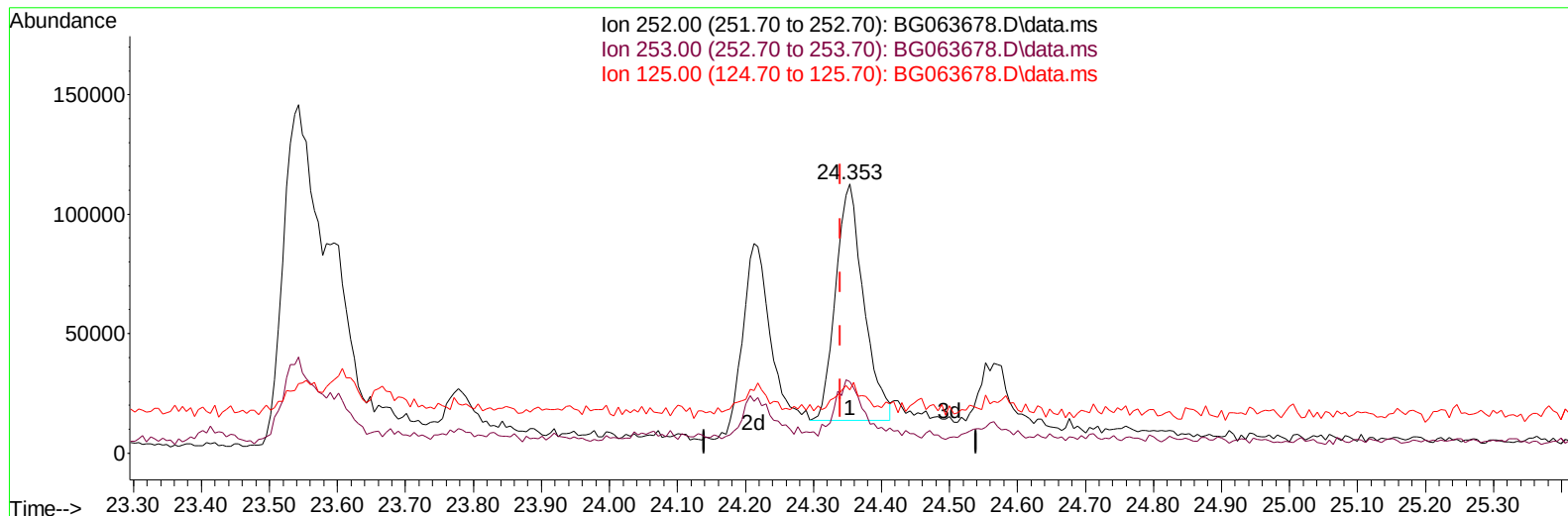
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(93) Benzo(a)pyrene (C)

24.353min (+ 0.014) 6.92 ng/u l

response 282102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	26.51#
125.00	10.00	23.44#
0.00	0.00	0.00

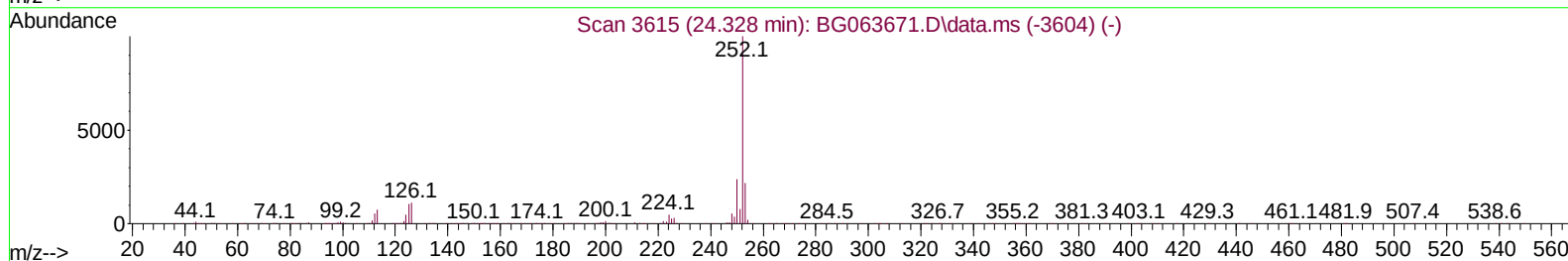
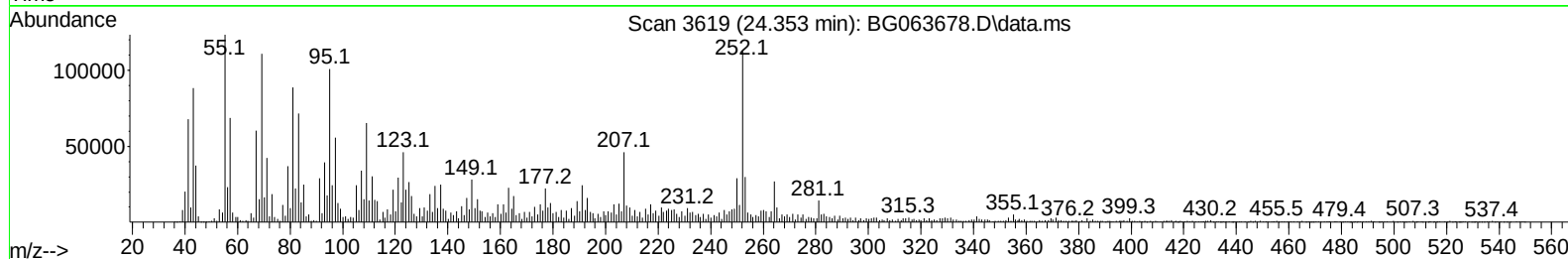
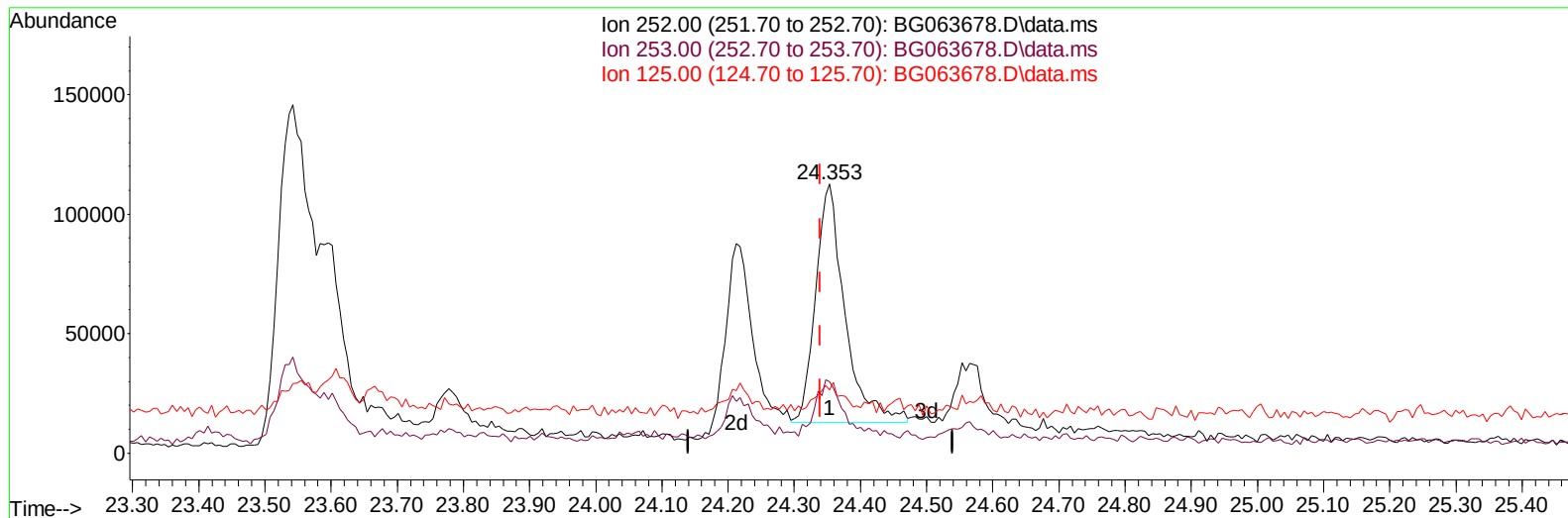
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

(93) Benzo(a)pyrene (C)

24.353min (+ 0.014) 7.50 ng/ul m

response 305967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.70	26.51#
125.00	10.00	23.44#
0.00	0.00	0.00

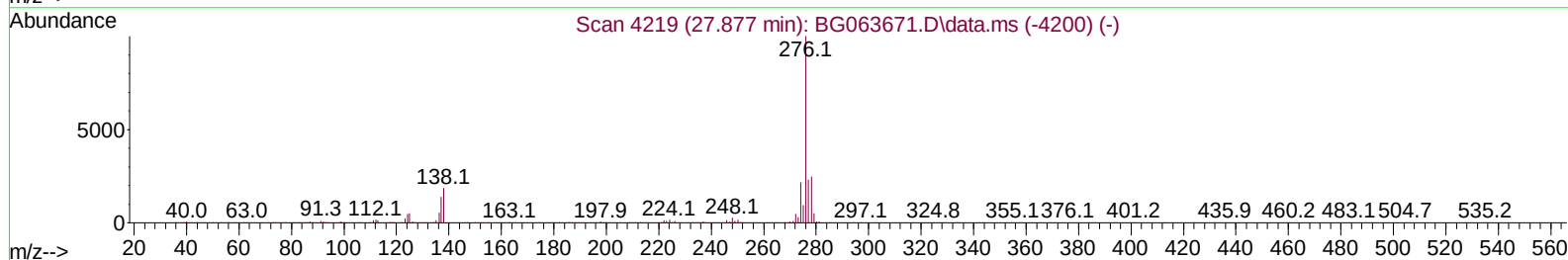
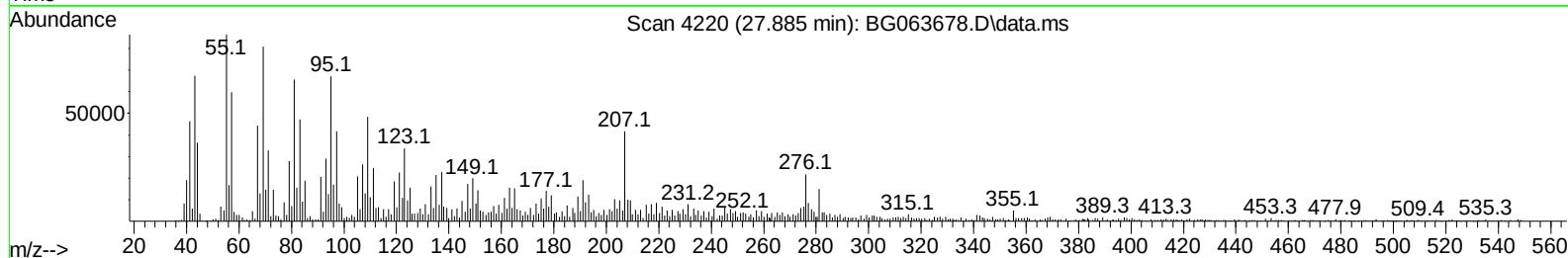
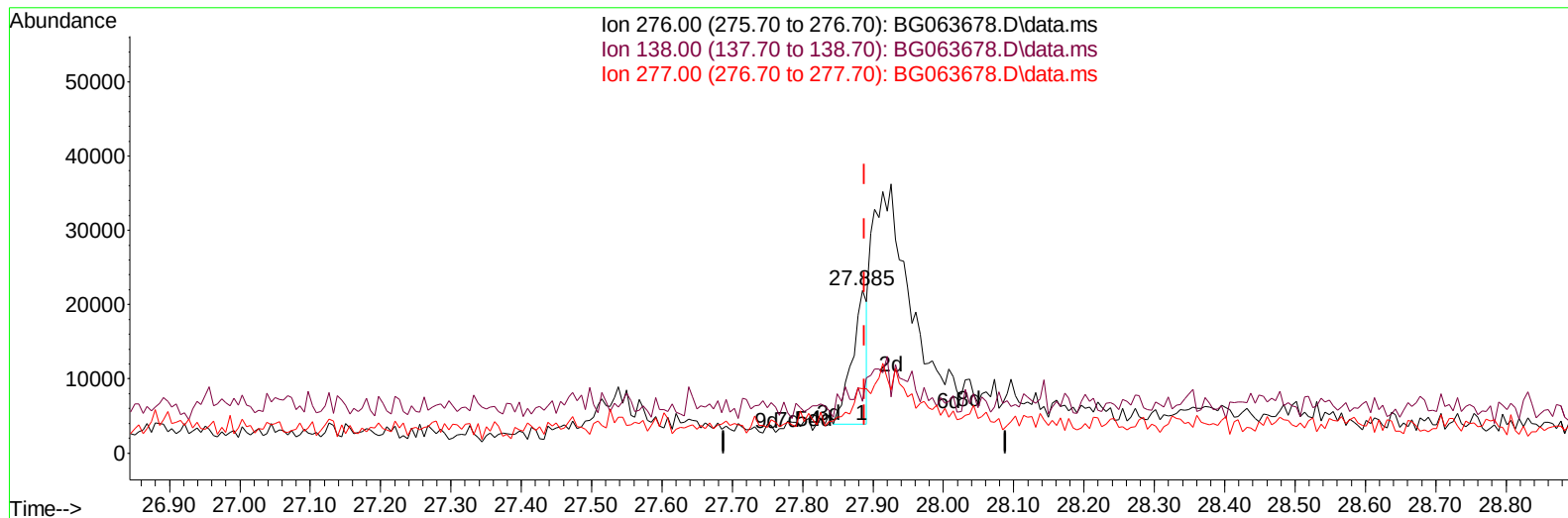
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

27.885min (-0.004) 0.54 ng/u1

response 26822

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	31.98#
277.00	23.00	39.52#
0.00	0.00	0.00

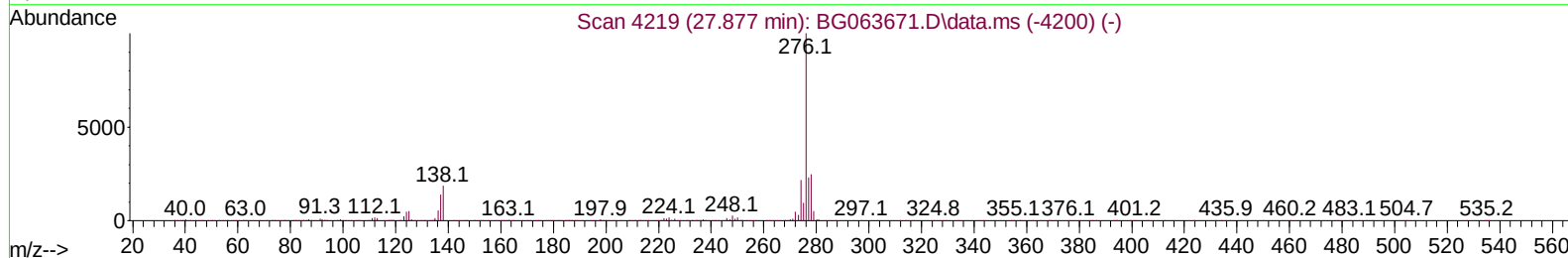
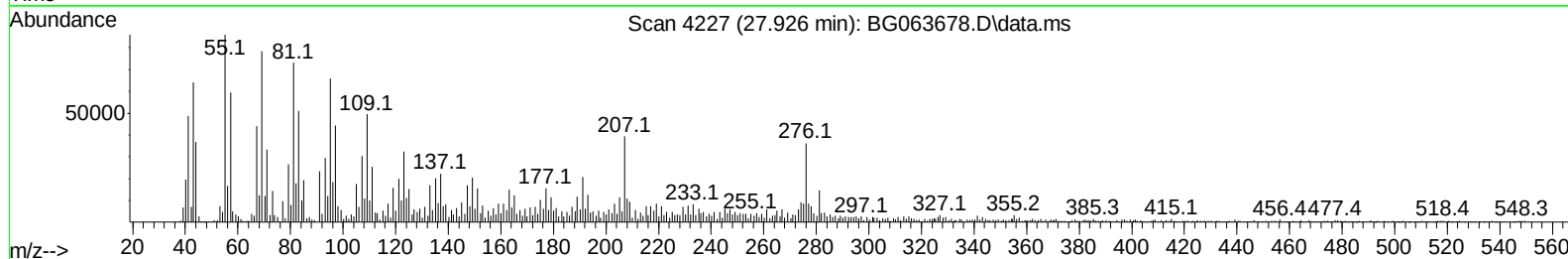
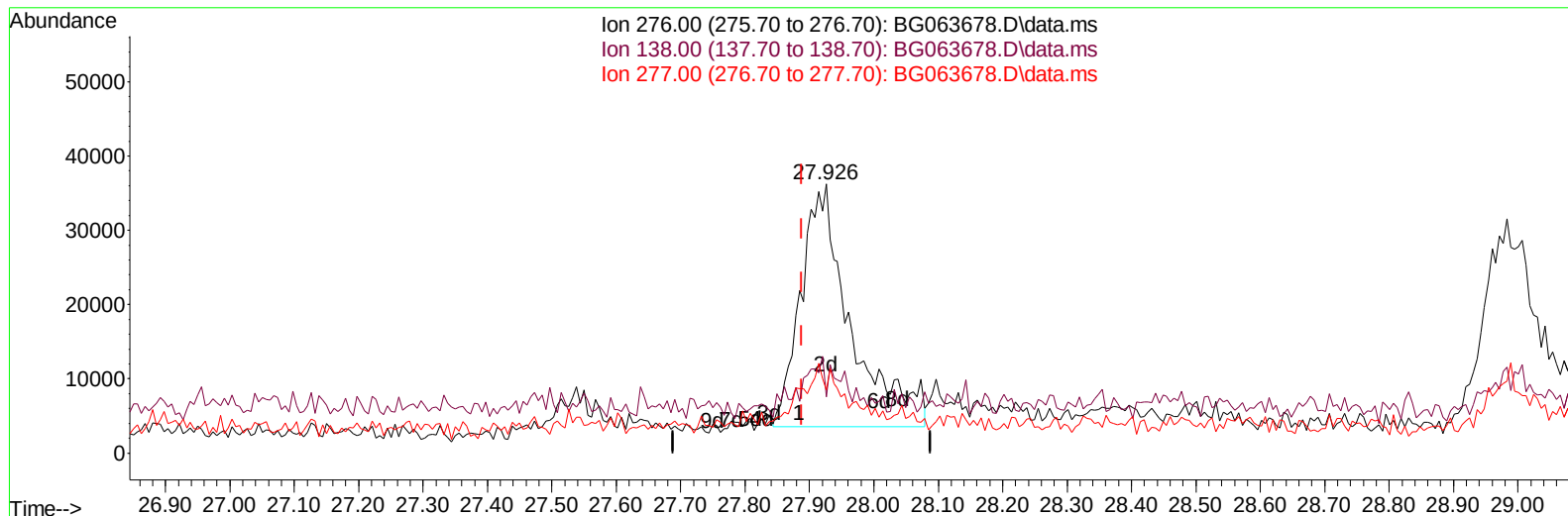
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

27.926min (+ 0.037) 3.53 ng/ul m

response 175924

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.10	20.82#
277.00	23.00	23.43
0.00	0.00	0.00

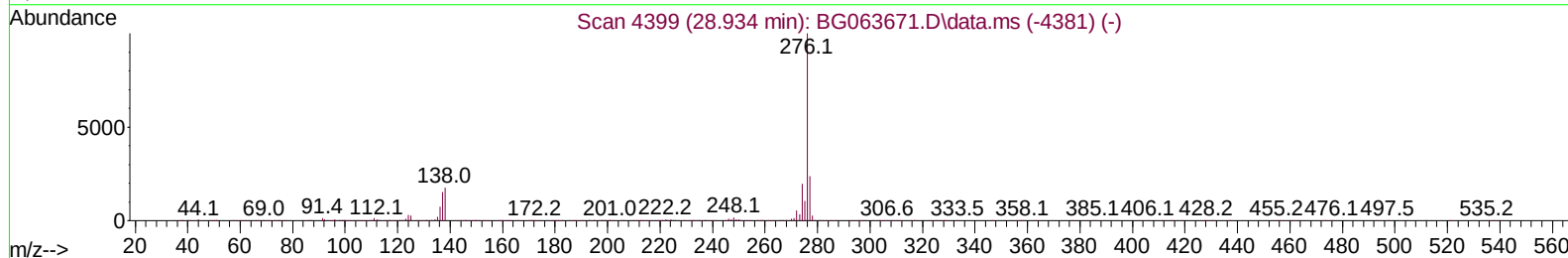
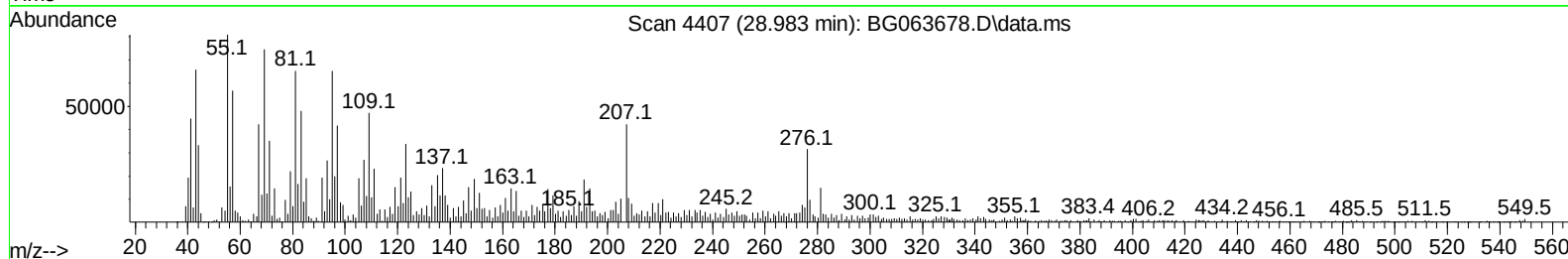
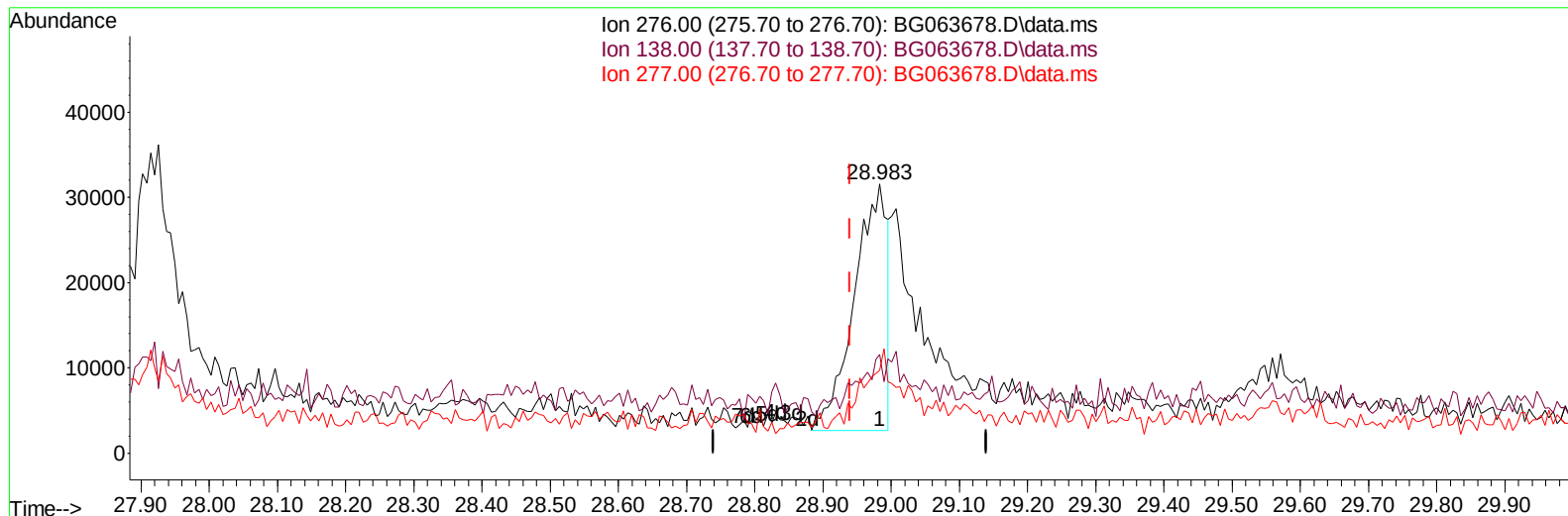
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

28.983min (+ 0.043) 2.44 ng/u l

response 96469

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	36.76#
277.00	22.30	30.86#
0.00	0.00	0.00

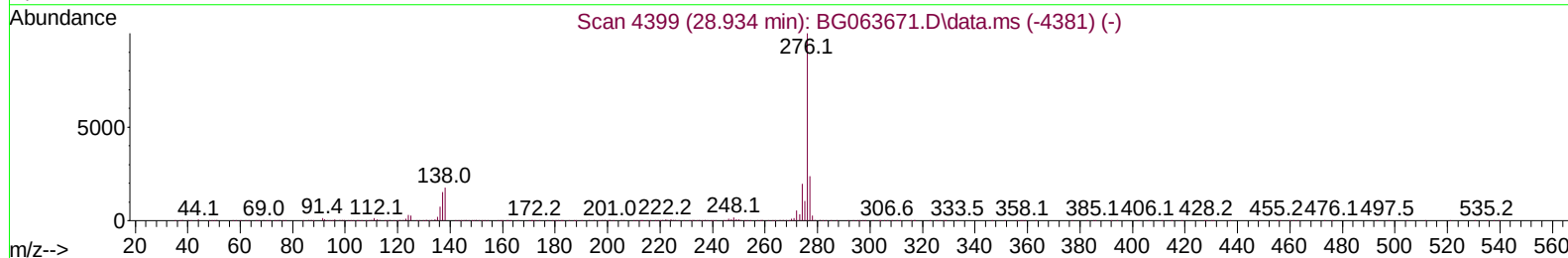
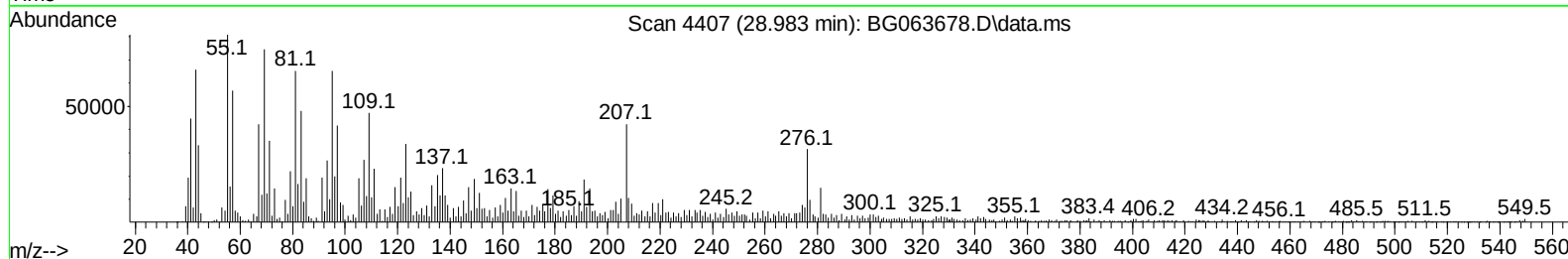
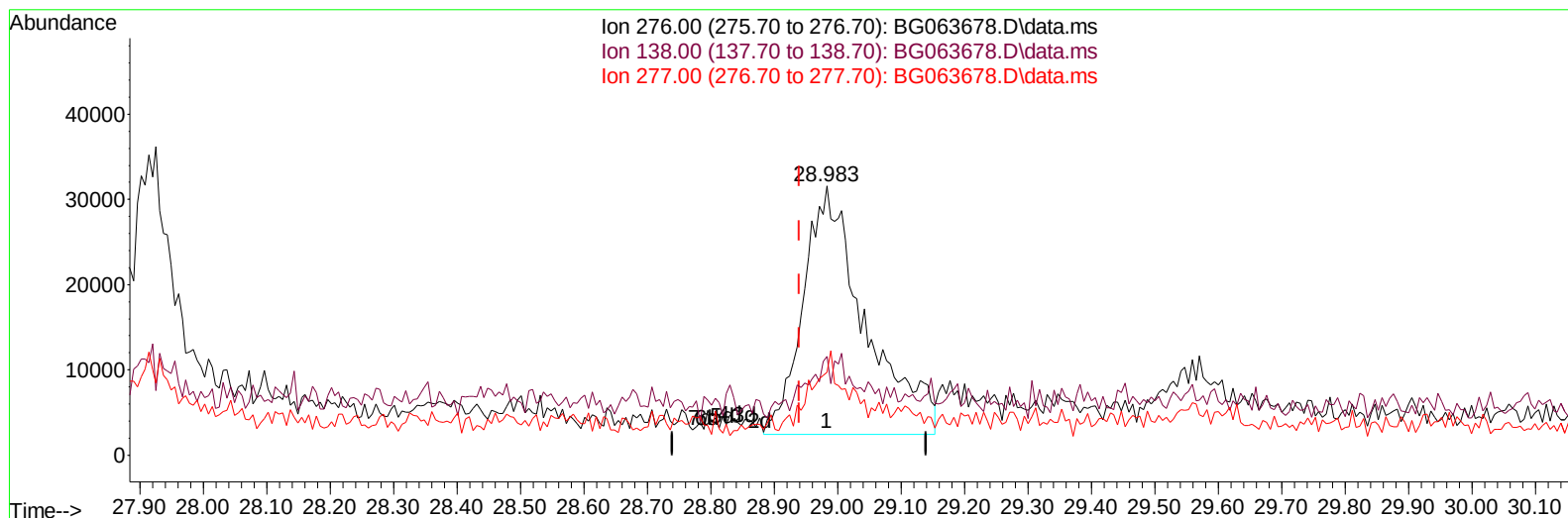
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BG063678.D\data.ms

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

28.983min (+ 0.043) 5.02 ng/u1 m

response 198348

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	36.76#
277.00	22.30	30.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063678.D
 Acq On : 13 Dec 2024 14:45
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:35:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	218126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	857203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.453	164	583095	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1148198	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1041216	20.000	ng/ul	# 0.00
88) Perylene-d12	24.494	264	764423m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	16033m	2.880	ng/uL	0.00
4) Pyridine-d5	3.701	84	125795	7.164	ng/ul	0.01
7) Phenol-d5	7.009	99	337343	16.792	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.150	67	237955	17.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.362	132	262285m	20.167	ng/ul	0.01
15) 4-Methylphenol-d8	8.543	113	207086	13.277	ng/ul	0.01
21) Nitrobenzene-d5	8.971	128	52945	8.650	ng/ul	0.00
24) 2-Nitrophenol-d4	9.694	143	11758m	1.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	244444m	18.403	ng/ul	0.02
31) 4-Chloroaniline-d4	10.746	131	140989	8.359	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	774102	19.510	ng/ul	0.00
49) Acenaphthylene-d8	14.148	160	912270	20.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.712	143	8293m	1.475	ng/ul	0.04
60) Fluorene-d10	15.452	176	678244	19.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	588	0.099	ng/ul	0.01
73) Anthracene-d10	17.309	188	1043465	21.138	ng/ul	0.00
81) Pyrene-d10	19.606	212	1072749	19.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.283	264	731079m	20.366	ng/ul	0.00
Target Compounds						
						Qvalue
8) Phenol	7.038	94	34134m	1.594	ng/ul	
30) Naphthalene	10.658	128	128107	2.989	ng/ul	98
36) 2-Methylnaphthalene	12.268	142	59537	1.933	ng/ul	93
72) Phenanthrene	17.250	178	273733	4.947	ng/ul	98
80) Fluoranthene	19.271	202	420794	6.833	ng/ul#	96
82) Pyrene	19.635	202	439997	6.715	ng/ul	98
85) Benzo(a)anthracene	21.445	228	291184	4.462	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.357	149	624852	21.357	ng/ul	98
87) Chrysene	21.504	228	394376	6.341	ng/ul#	91
90) Benzo(b)fluoranthene	23.543	252	464924	10.701	ng/ul#	83
91) Benzo(k)fluoranthene	23.596	252	215876m	4.981	ng/ul	
93) Benzo(a)pyrene	24.353	252	305967m	7.503	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.926	276	175924m	3.532	ng/ul	
96) Benzo(g,h,i)perylene	28.983	276	198348m	5.019	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063678.D
Acq On : 13 Dec 2024 14:45
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 14 00:35:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
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