

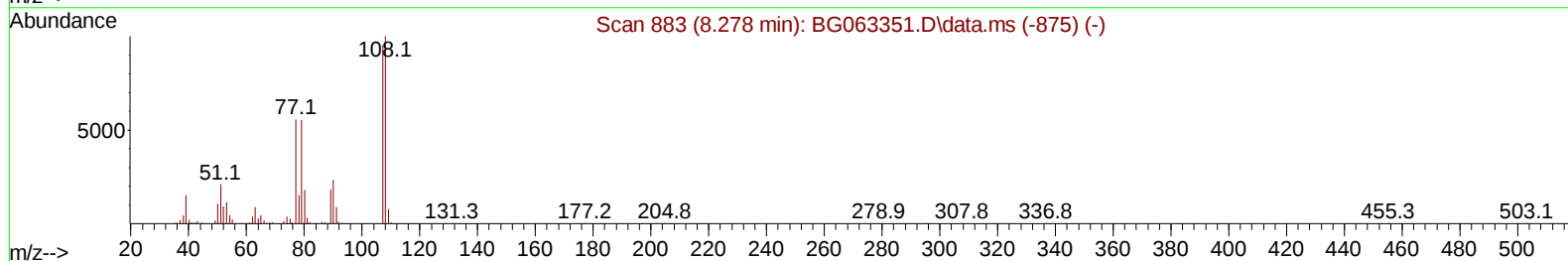
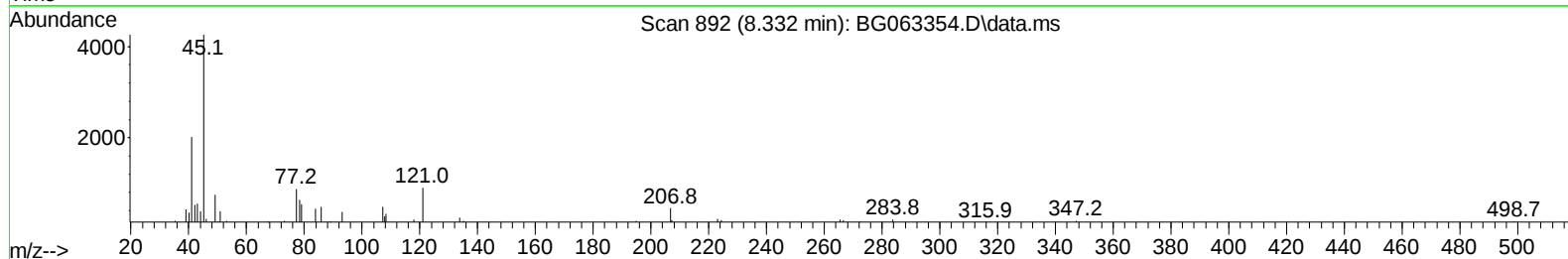
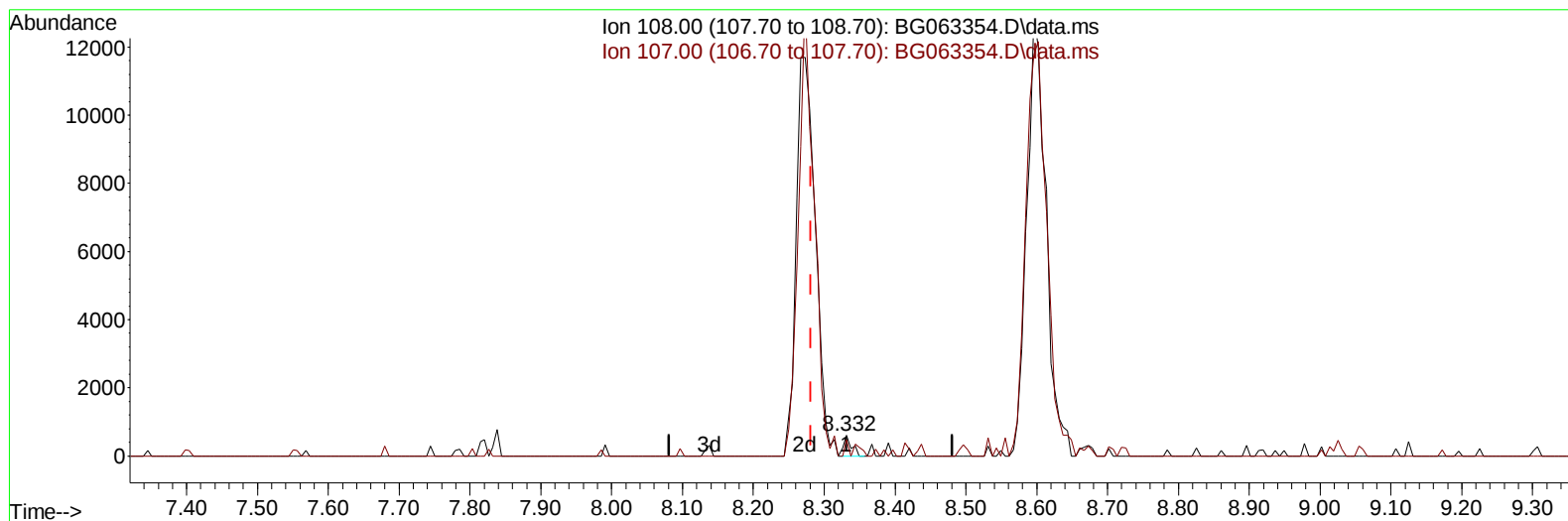
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(13) 2-Methylphenol

8.332min (+ 0.050) 0.07 ng/u1

response 471

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	80.10	80.43
0.00	0.00	0.00
0.00	0.00	0.00

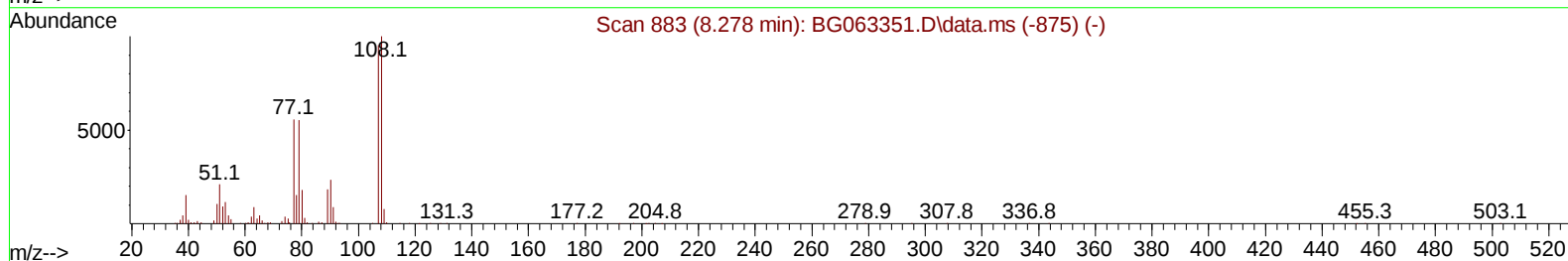
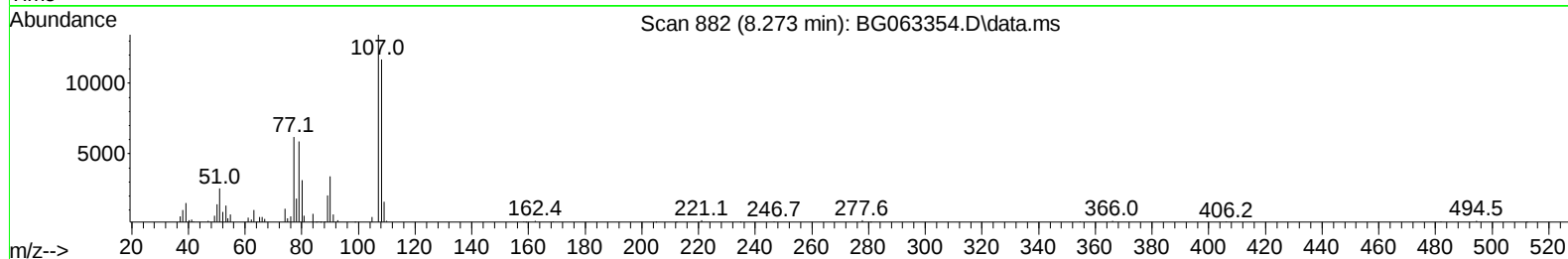
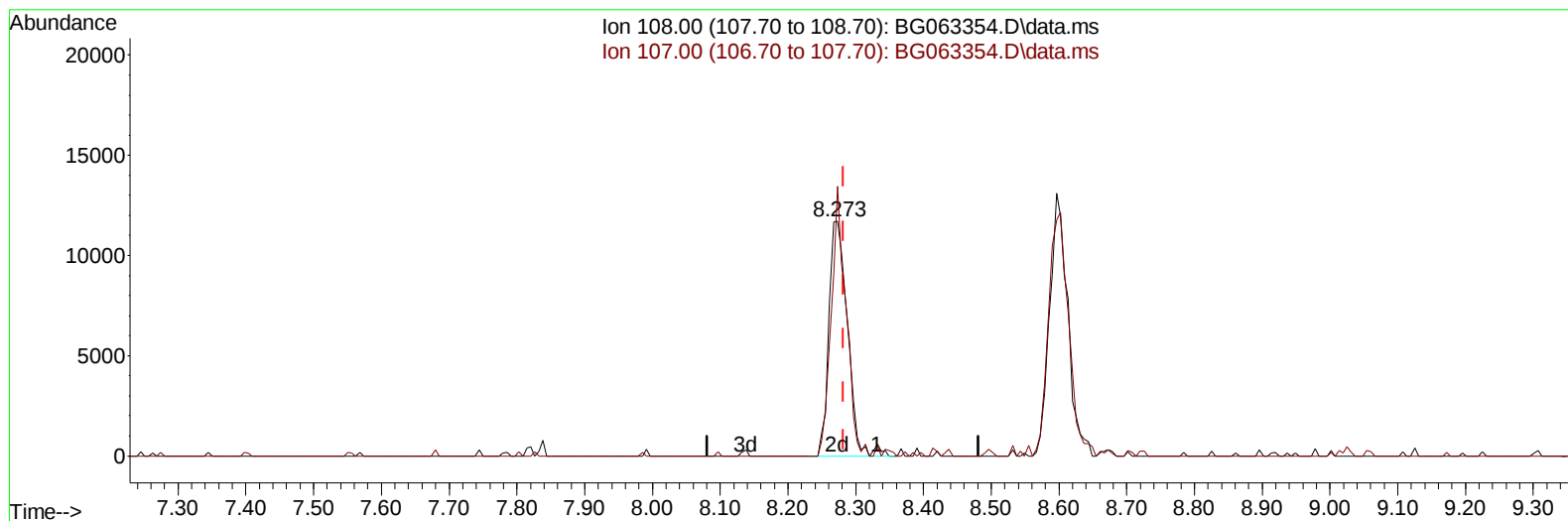
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(13) 2-Methylphenol

8.273min (-0.009) 3.39 ng/ul m

response 22370

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	80.10	114.93#
0.00	0.00	0.00
0.00	0.00	0.00

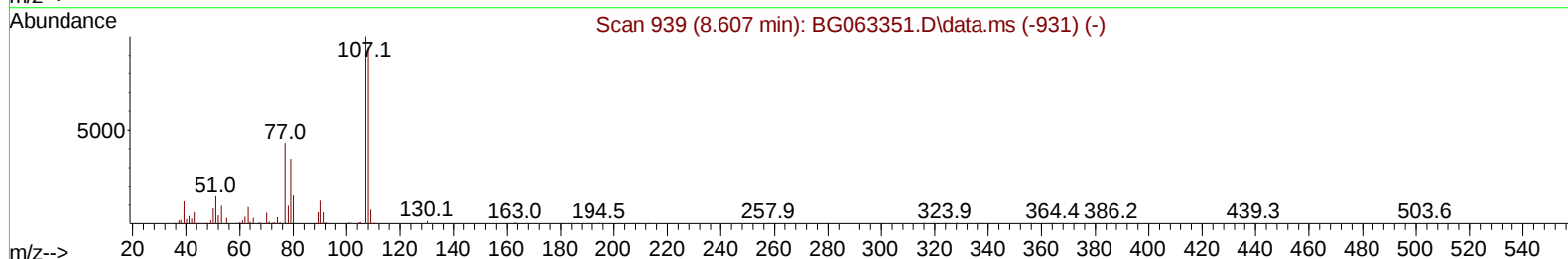
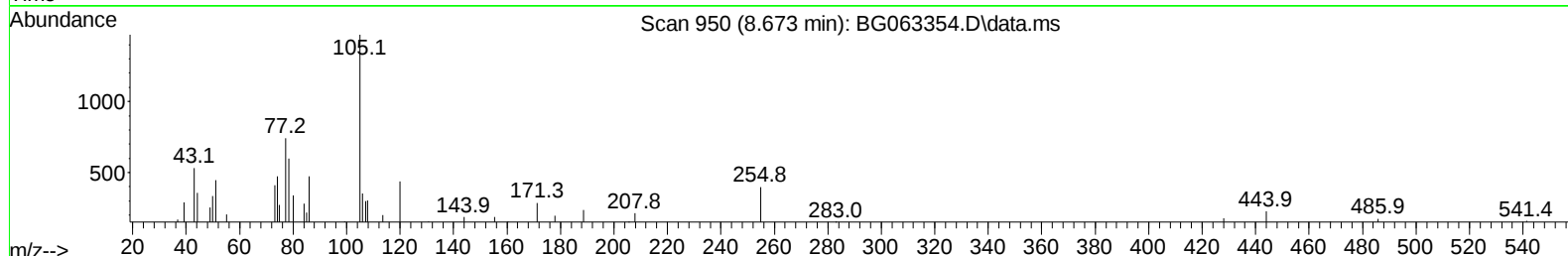
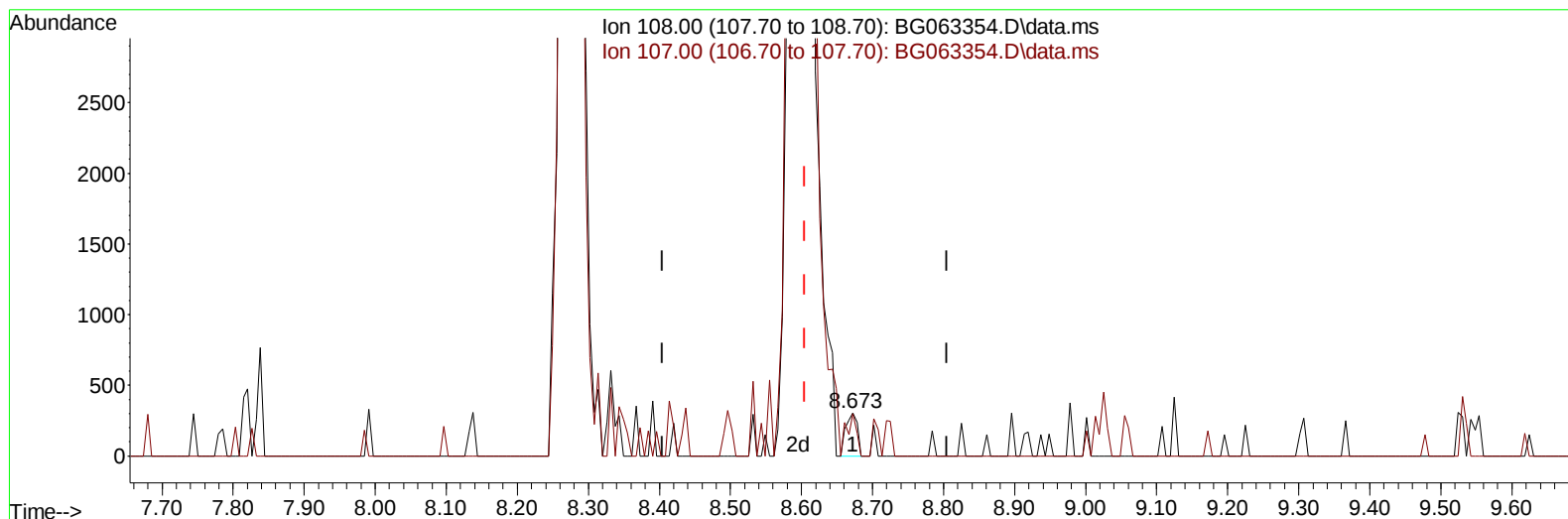
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/14/2024
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TIC: BG063354.D\data.ms

(18) 4-Methylphenol

8.673min (+ 0.068) 0.05 ng/uL

response 348

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	112.50	98.36
0.00	0.00	0.00
0.00	0.00	0.00

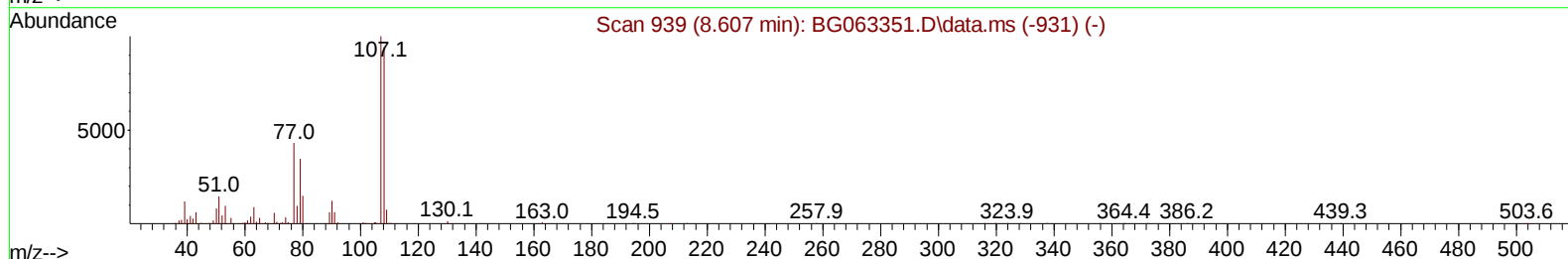
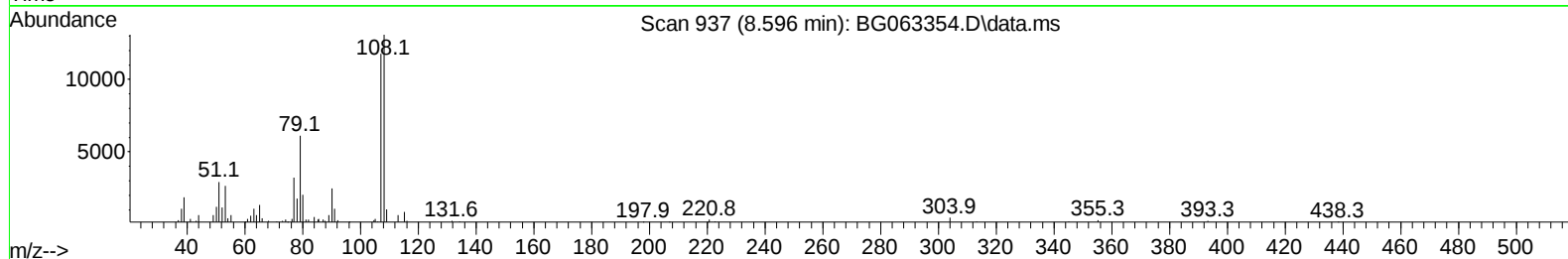
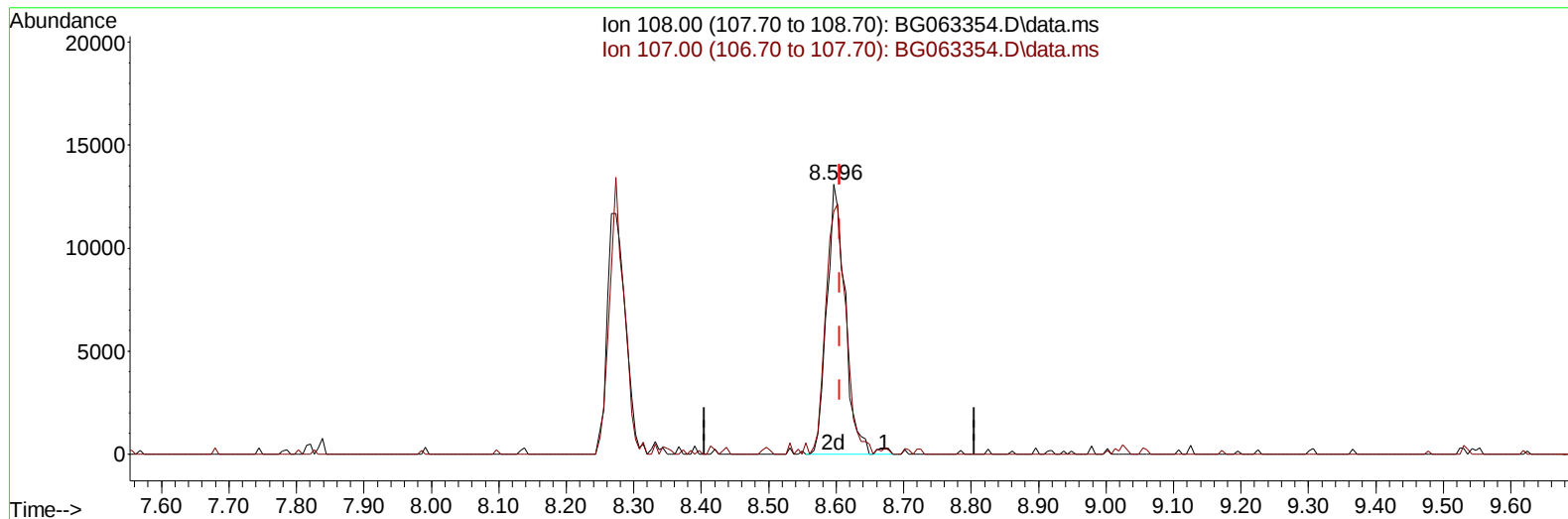
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(18) 4-Methylphenol

8.596min (-0.009) 3.29 ng/ul m

response 24716

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	112.50	89.90#
0.00	0.00	0.00
0.00	0.00	0.00

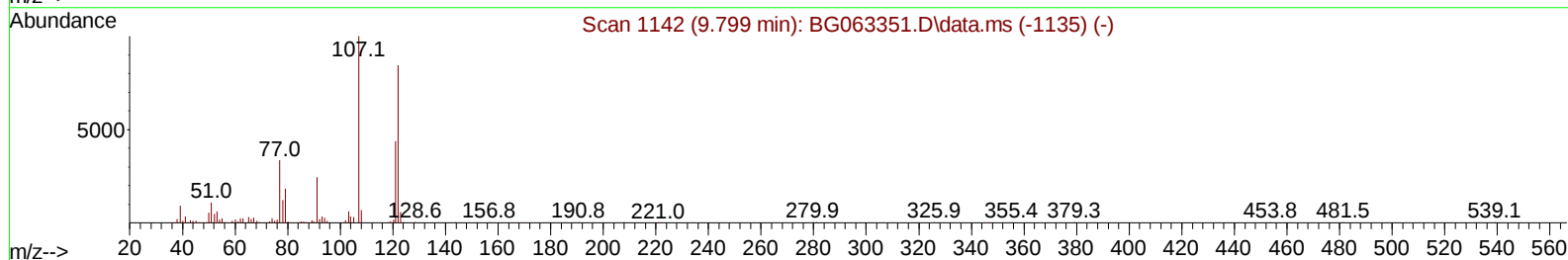
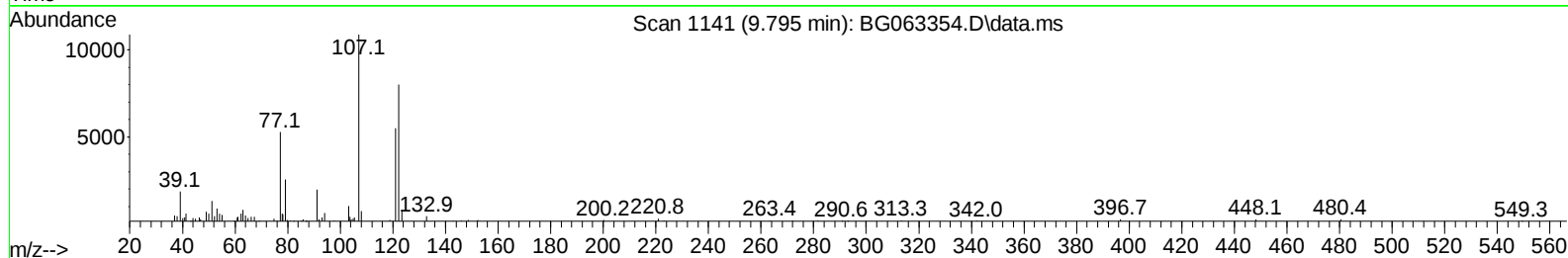
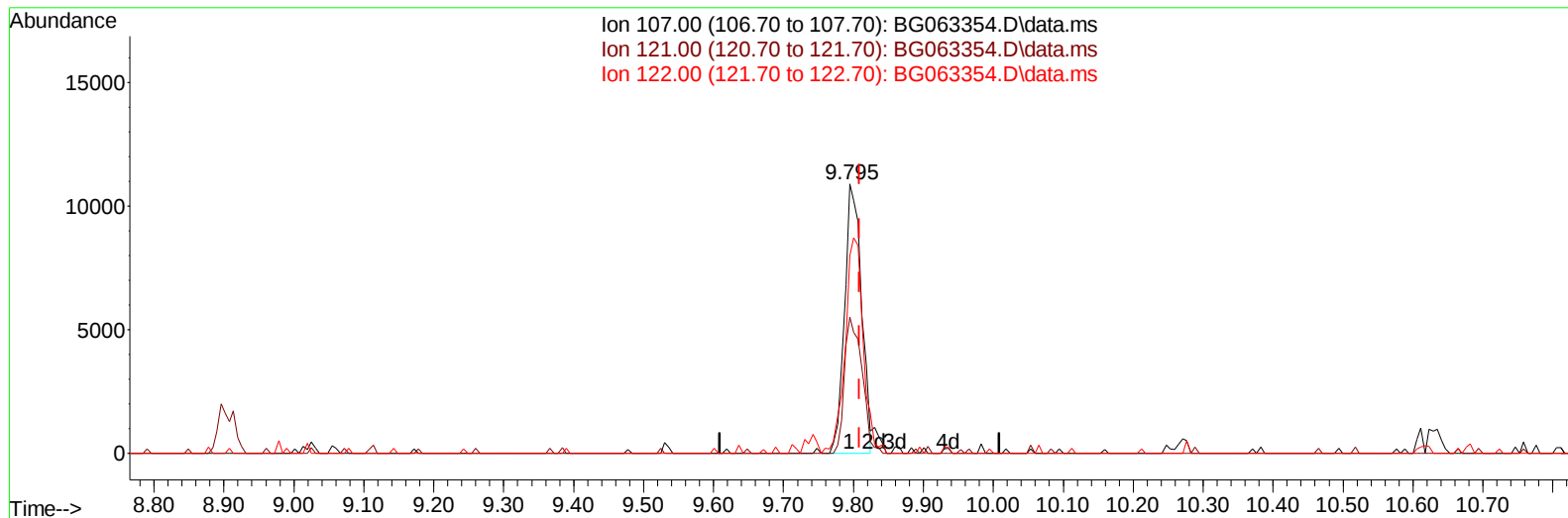
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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TIC: BG063354.D\data.ms

(26) 2,4-Dimethylphenol

9.795min (-0.015) 2.33 ng/u1

response 18496

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	54.00	50.56
122.00	84.00	73.54
0.00	0.00	0.00

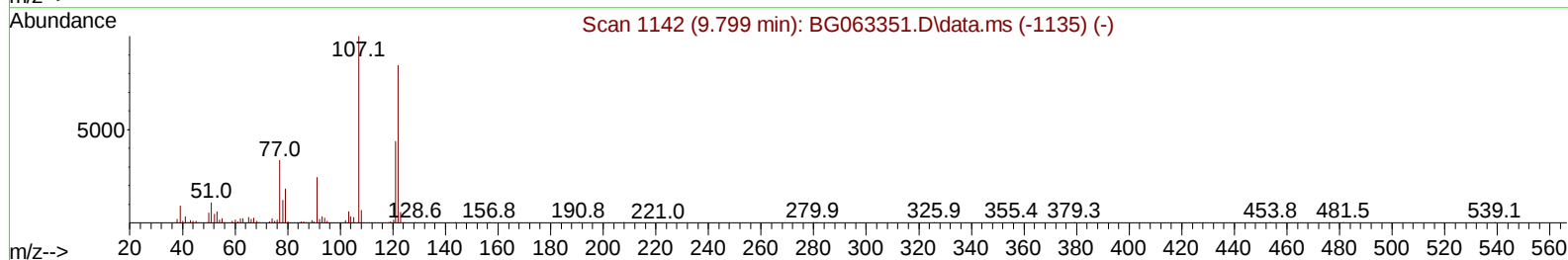
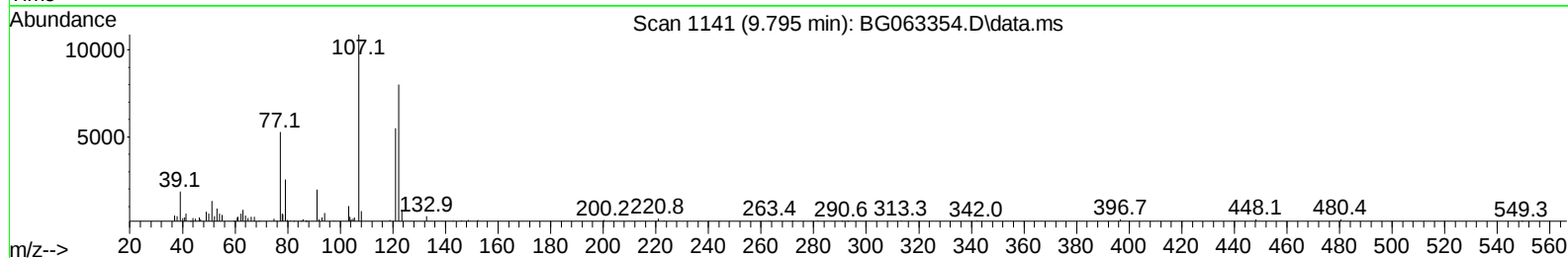
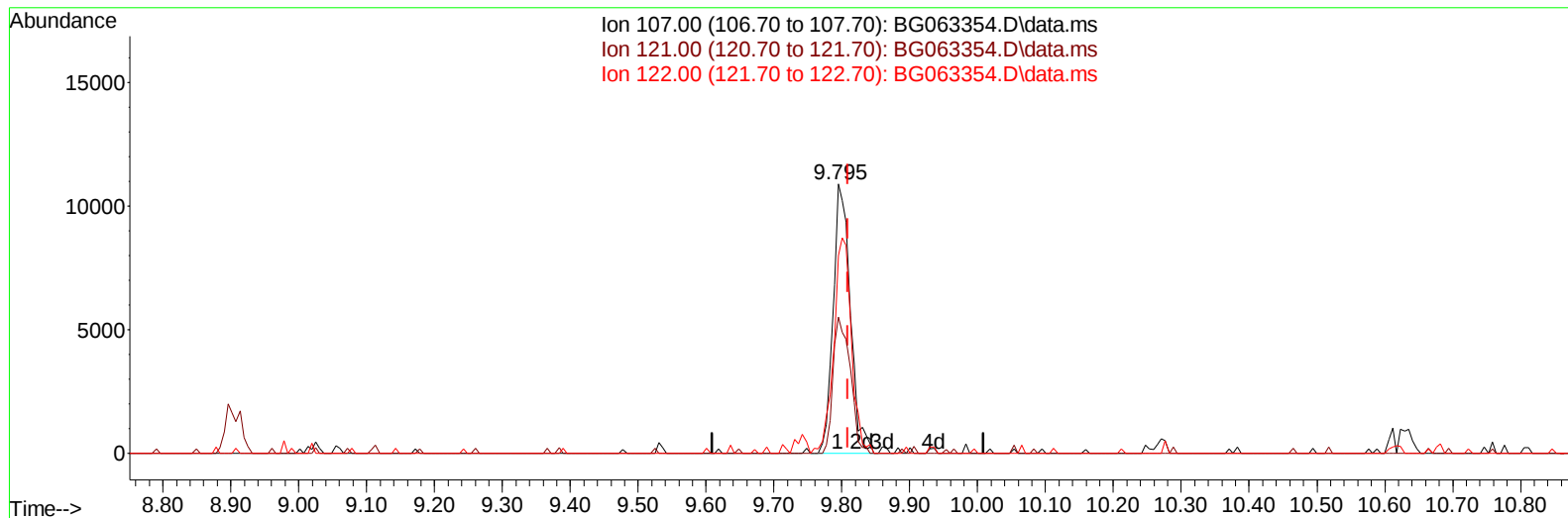
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(26) 2,4-Dimethylphenol

9.795min (-0.015) 2.44 ng/ul m

response 19423

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	54.00	50.56
122.00	84.00	73.54
0.00	0.00	0.00

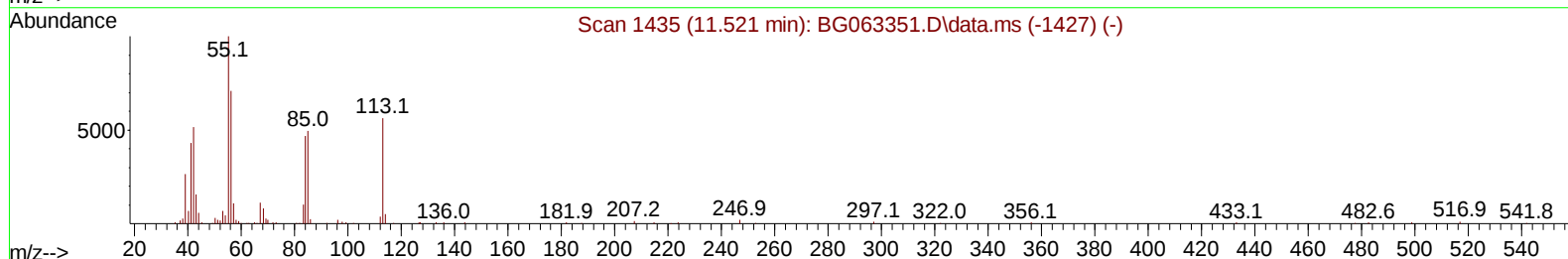
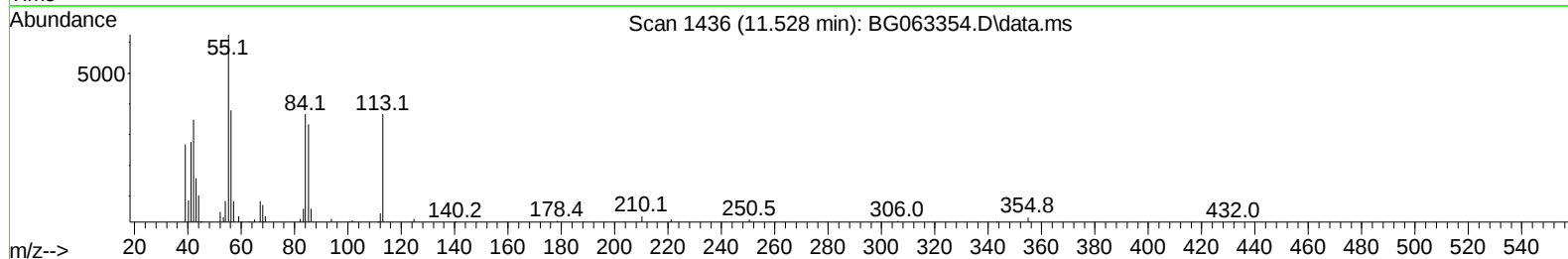
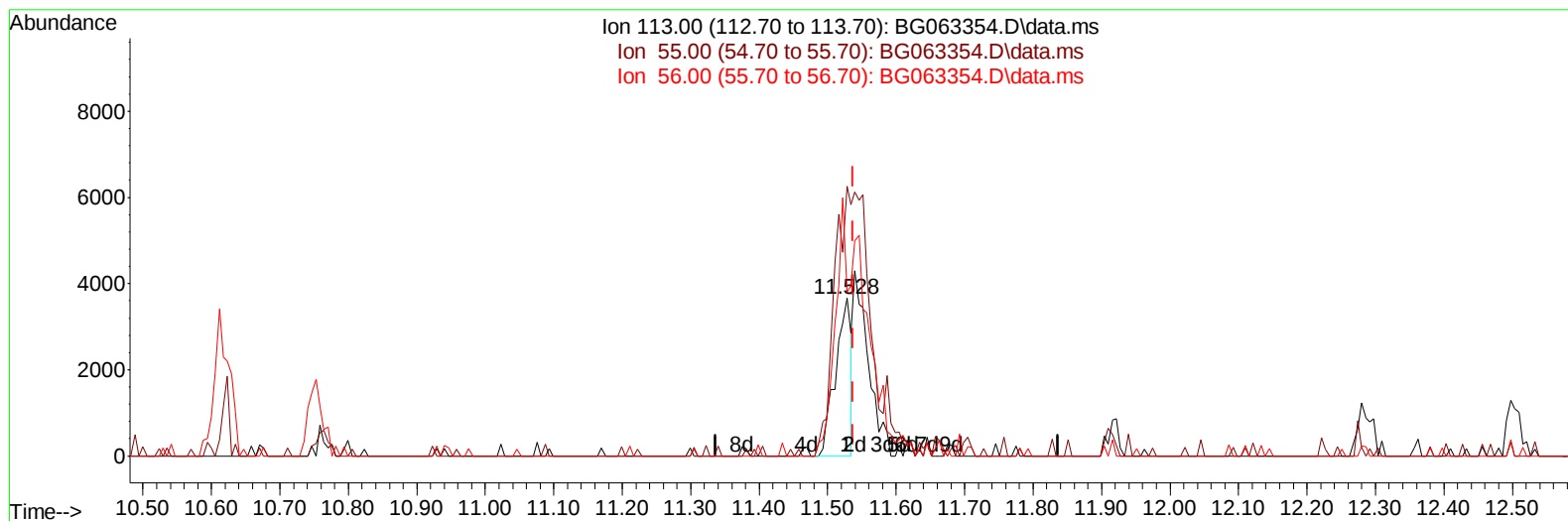
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(34) Caprolactam

11.528min (-0.009) 2.04 ng/u1

response 5790

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	170.75
56.00	105.40	103.69
0.00	0.00	0.00

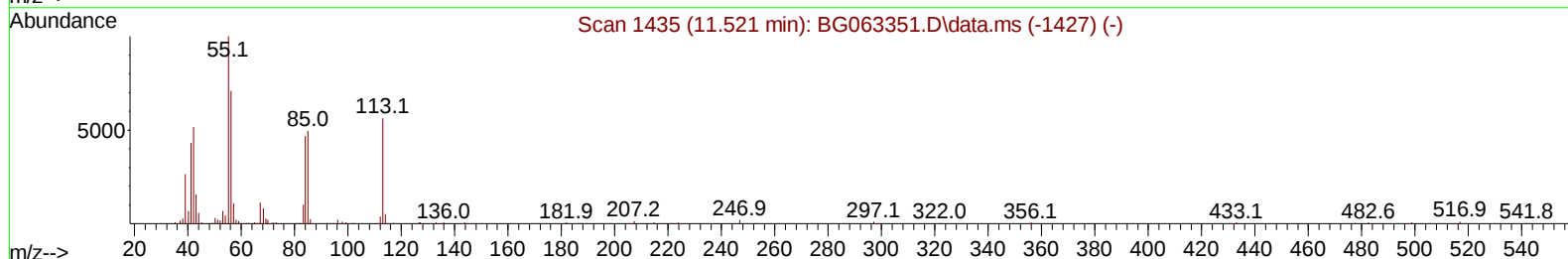
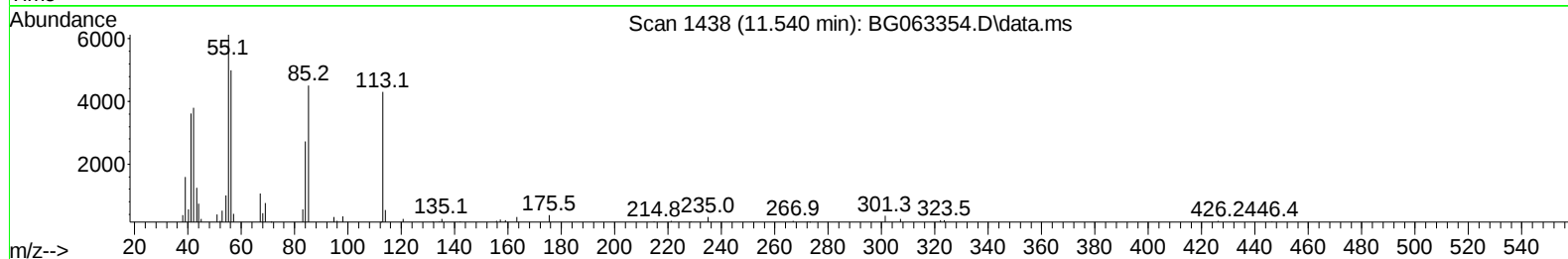
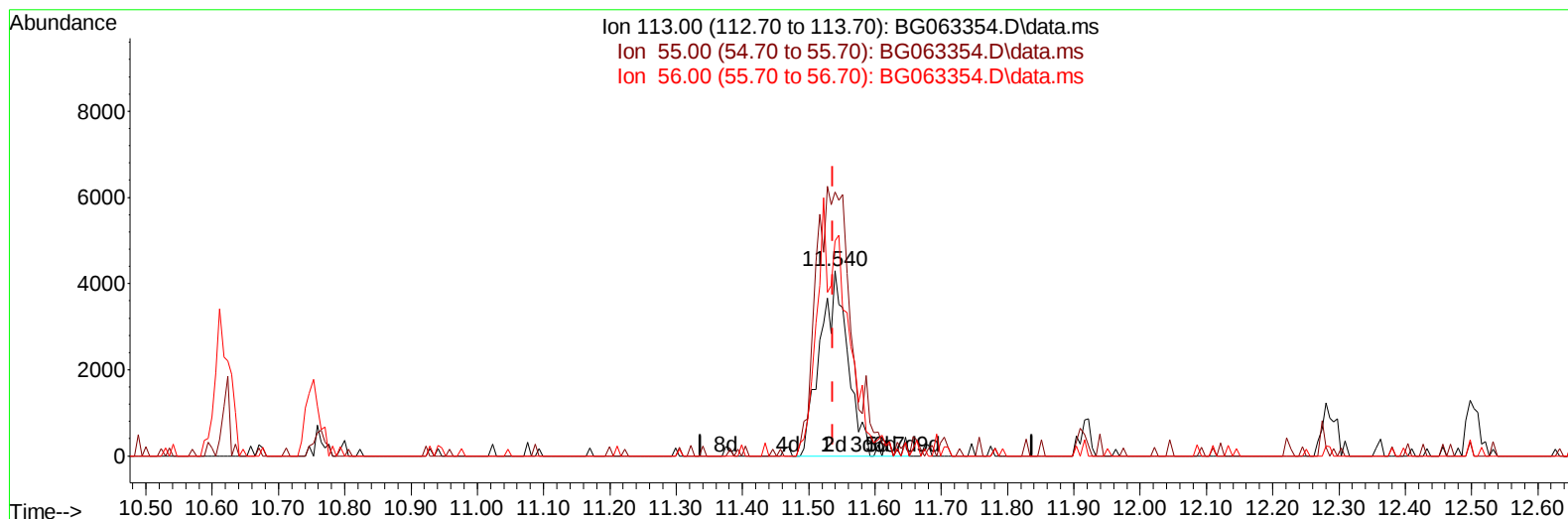
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(34) Caprolactam

11.540min (+ 0.003) 4.55 ng/ul m

response 12896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	142.53
56.00	105.40	116.16
0.00	0.00	0.00

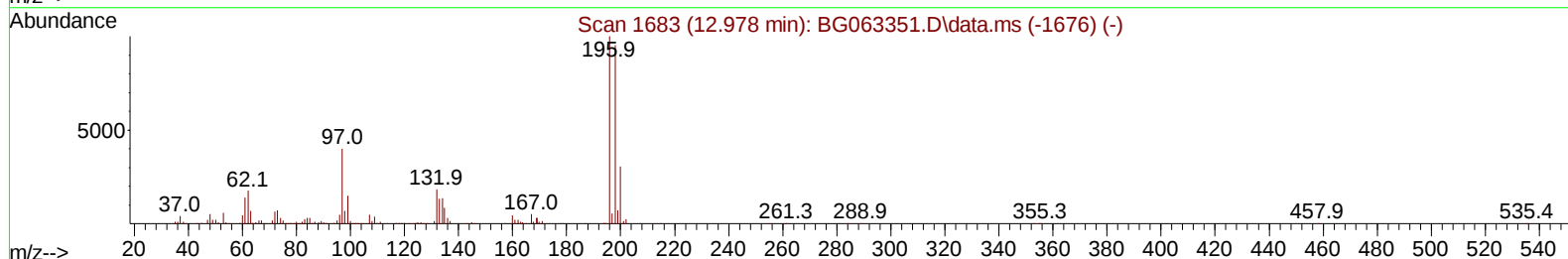
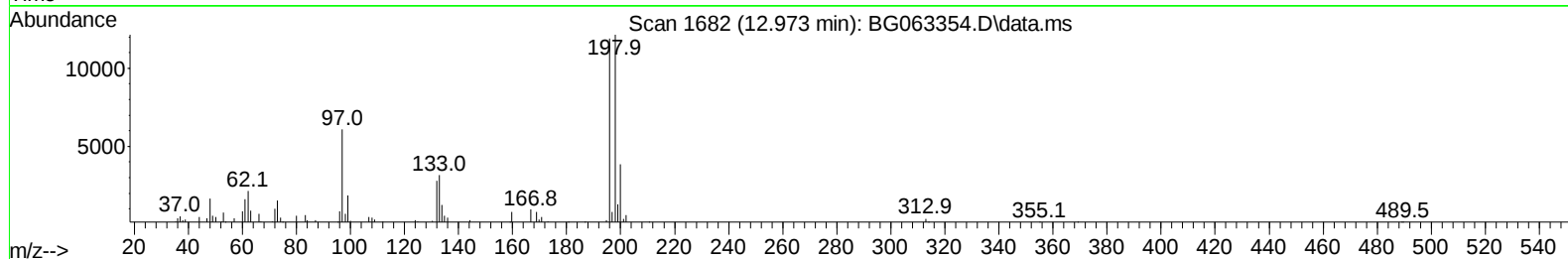
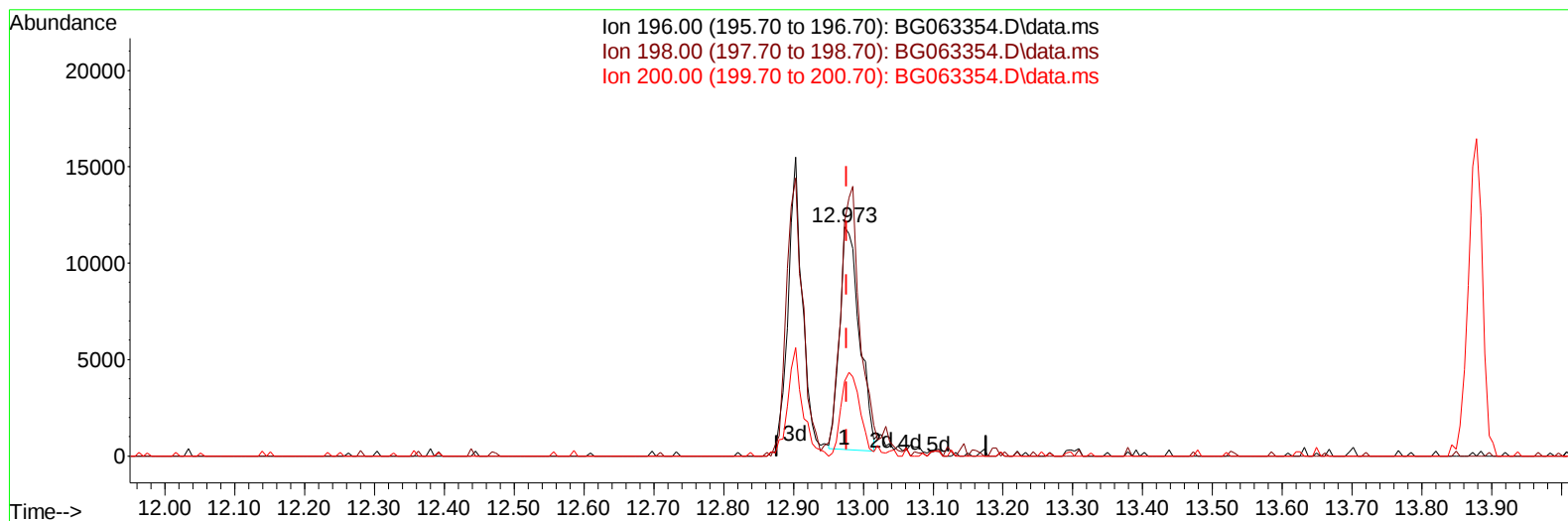
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
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Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(42) 2,4,5-Trichlorophenol

12.973min (-0.003) 3.16 ng/u1

response 22695

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	102.15
200.00	28.60	32.52
0.00	0.00	0.00

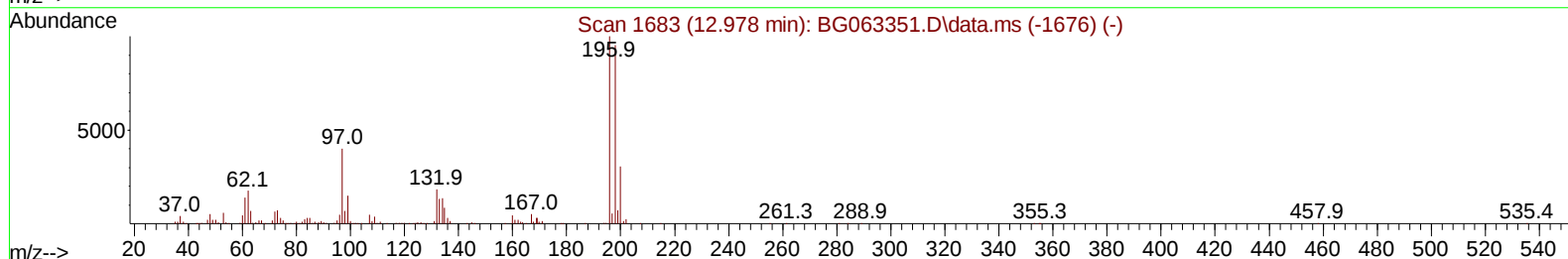
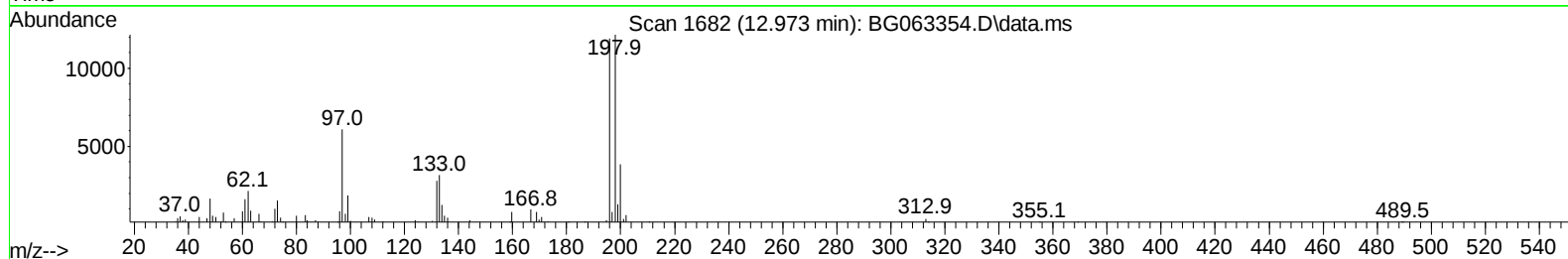
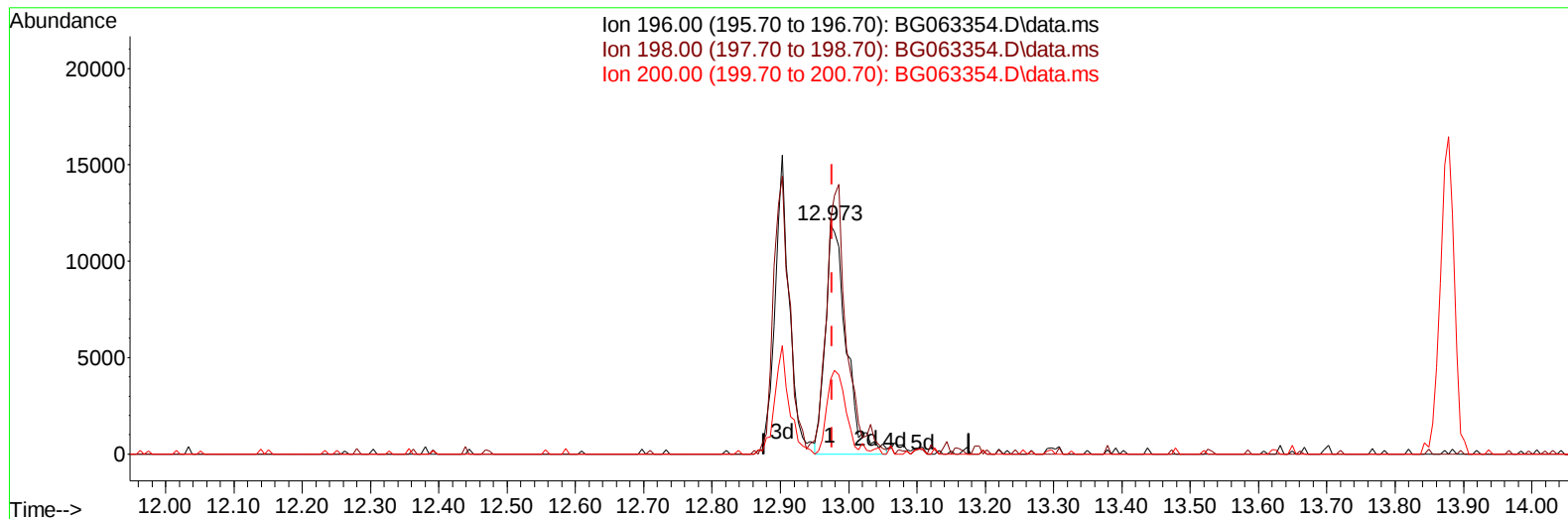
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
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 QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(42) 2,4,5-Trichlorophenol

12.973min (-0.003) 3.55 ng/ul m

response 25510

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	102.15
200.00	28.60	32.52
0.00	0.00	0.00

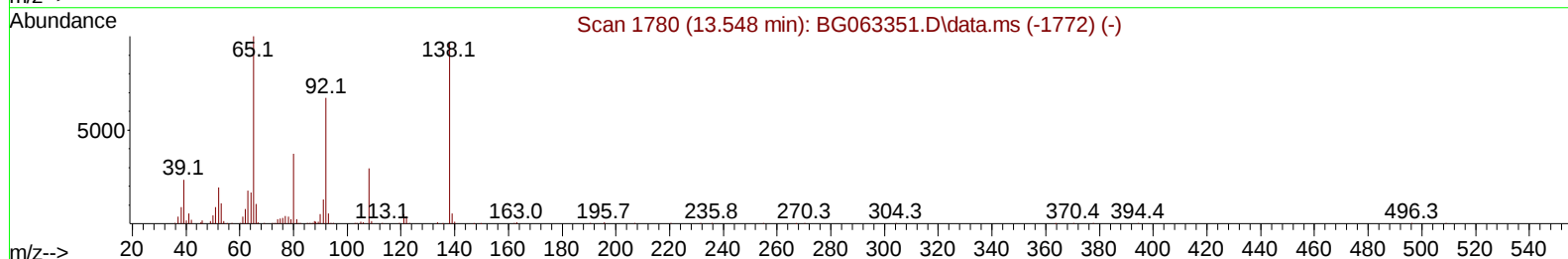
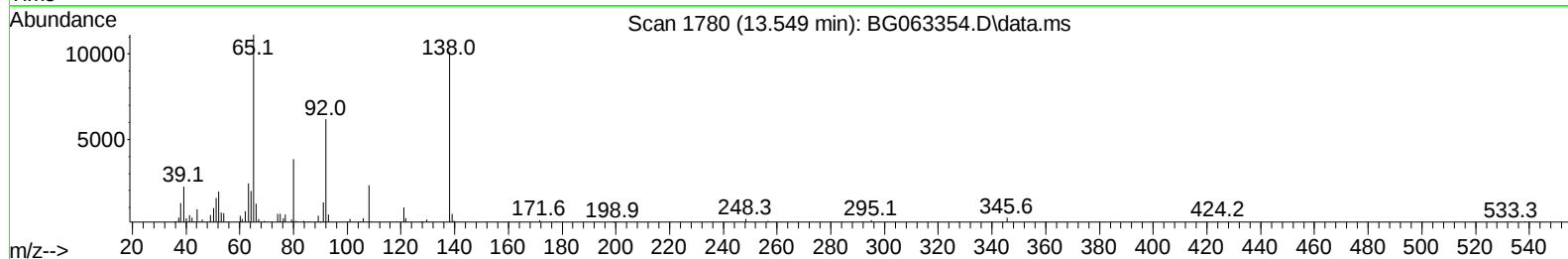
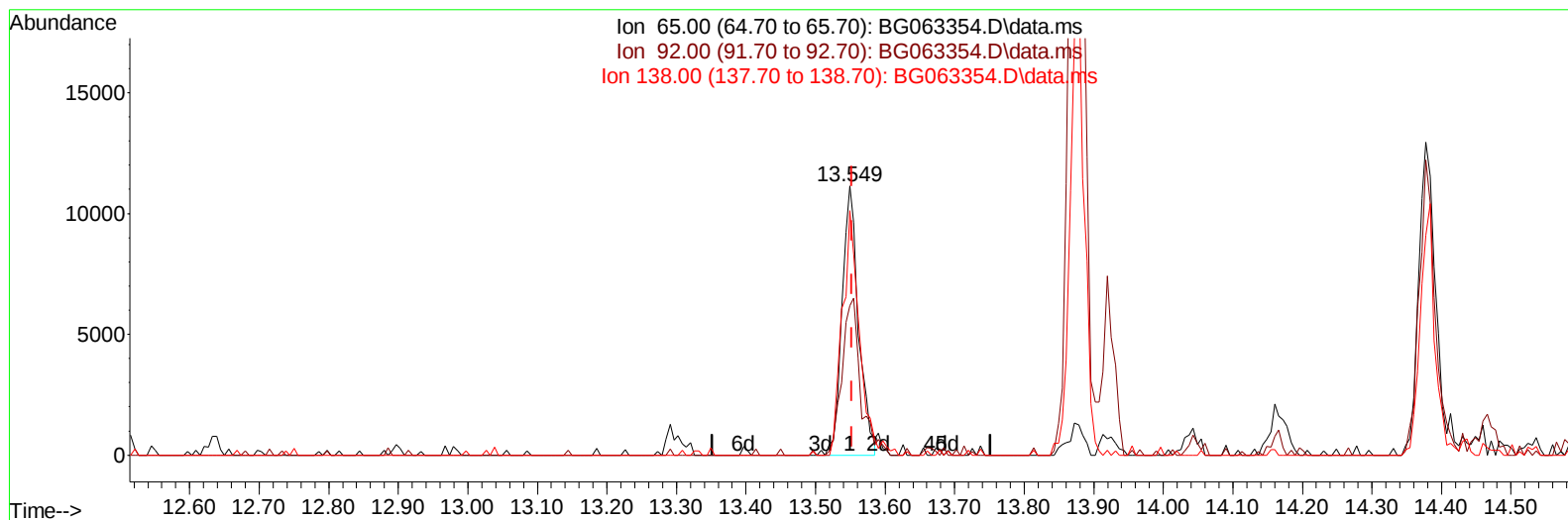
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG063354.D\data.ms

(45) 2-Nitroaniline

13.549min (-0.003) 3.15 ng/u1

response 18457

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	57.90	55.47
138.00	94.10	90.90
0.00	0.00	0.00

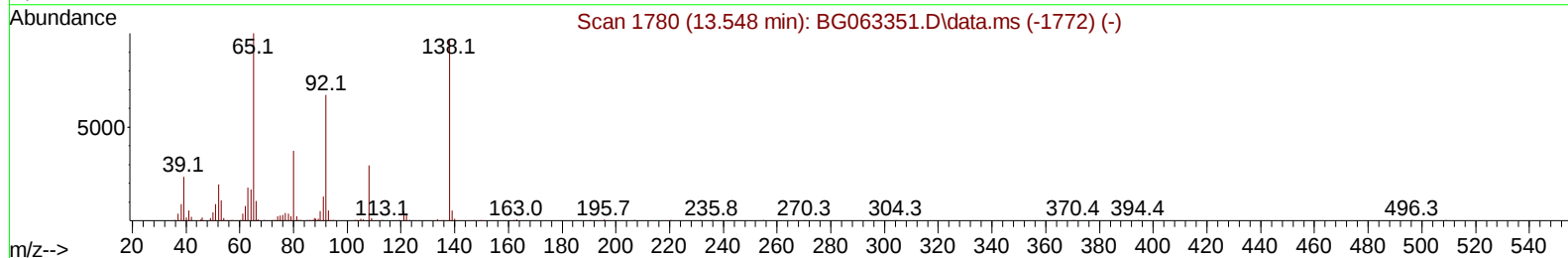
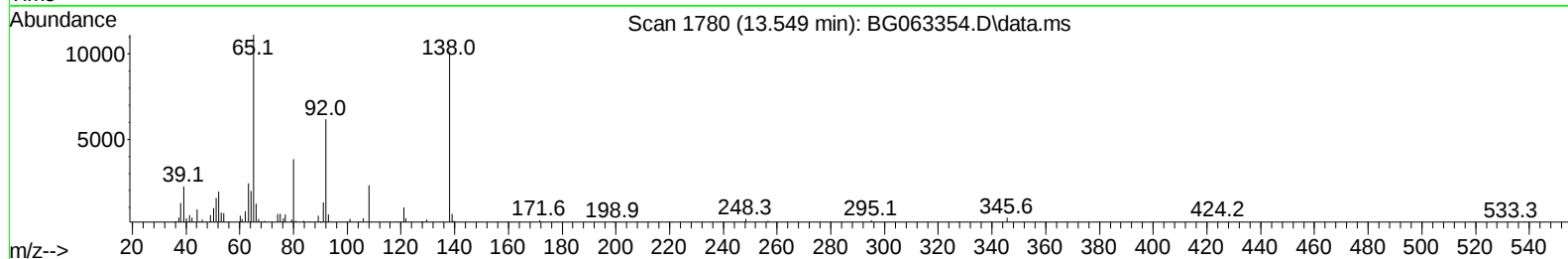
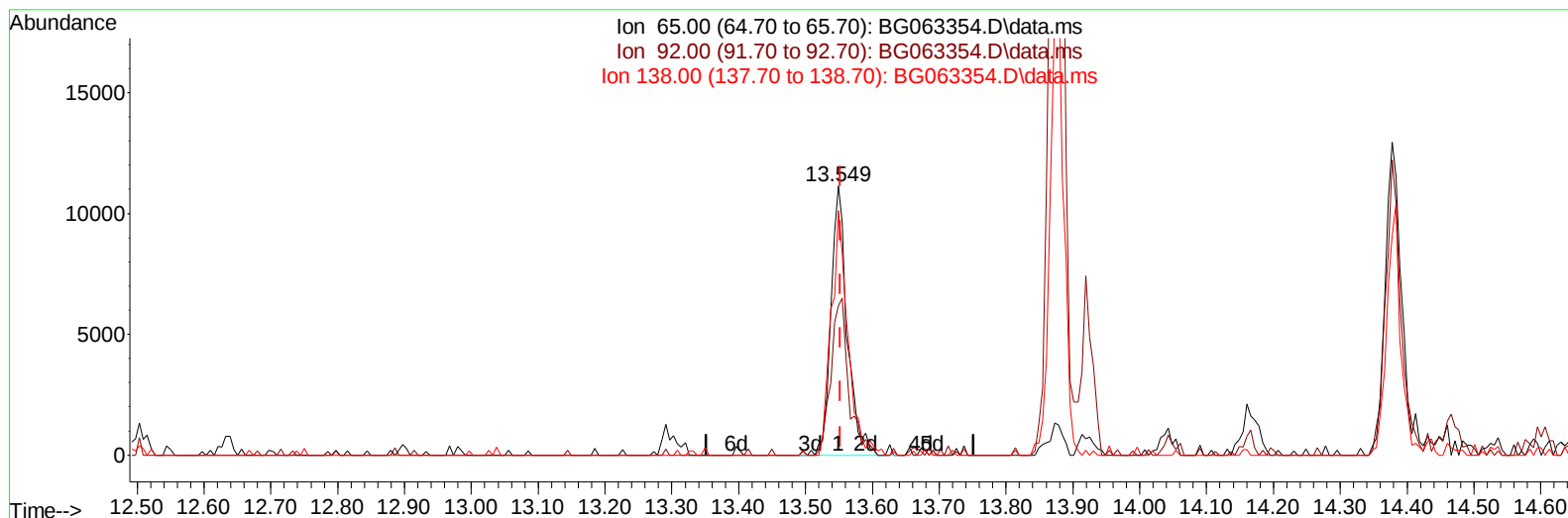
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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TIC: BG063354.D\data.ms

(45) 2-Nitroaniline

13.549min (-0.003) 3.27 ng/ul m

response 19169

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	57.90	55.47
138.00	94.10	90.90
0.00	0.00	0.00

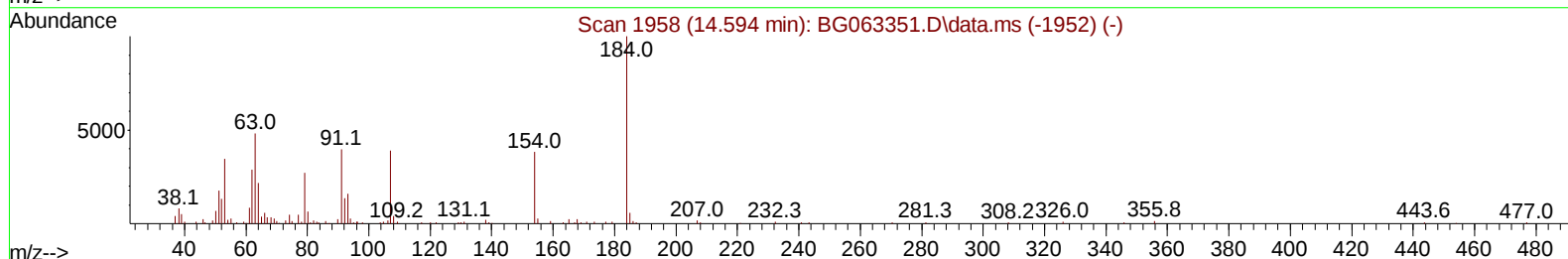
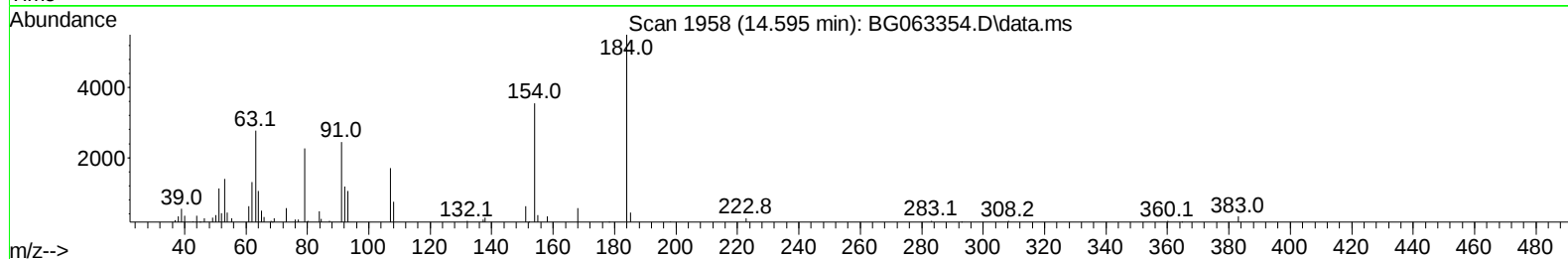
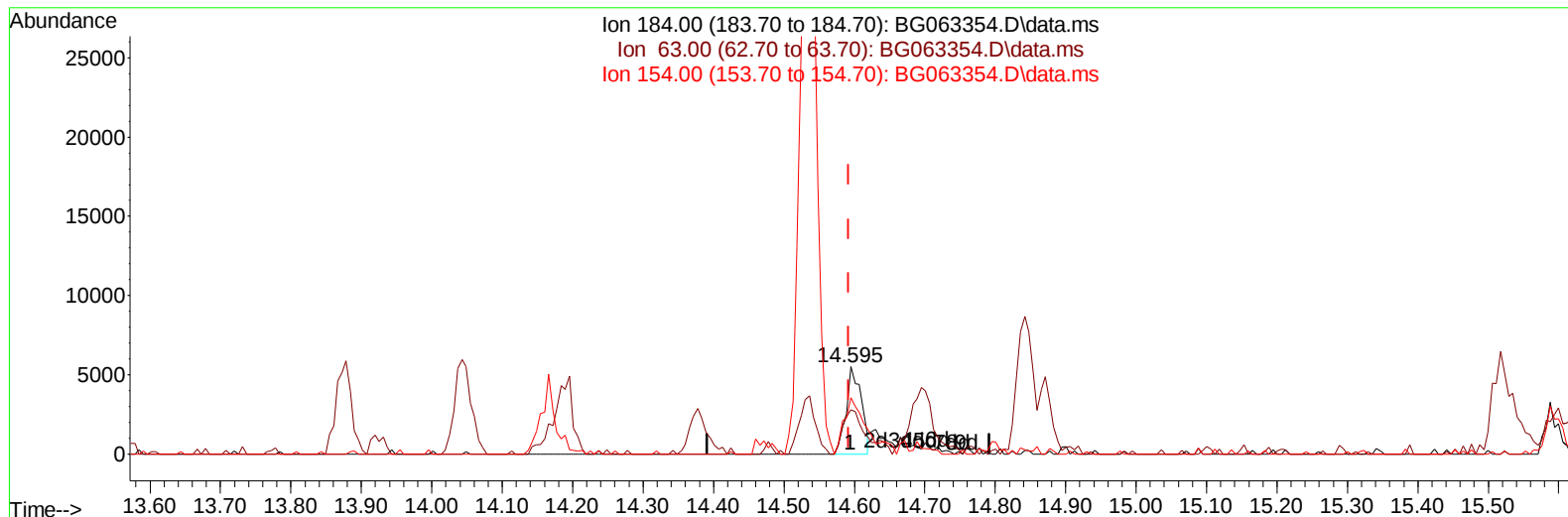
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

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Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG063354.D\data.ms

(53) 2,4-Dinitrophenol

14.595min (+ 0.003) 2.47 ng/ul

response 8135

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	72.50	50.34#
154.00	76.40	64.54
0.00	0.00	0.00

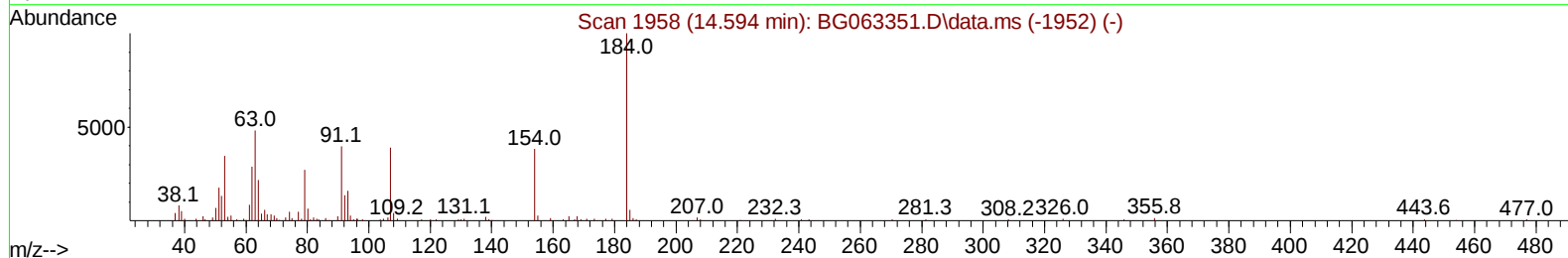
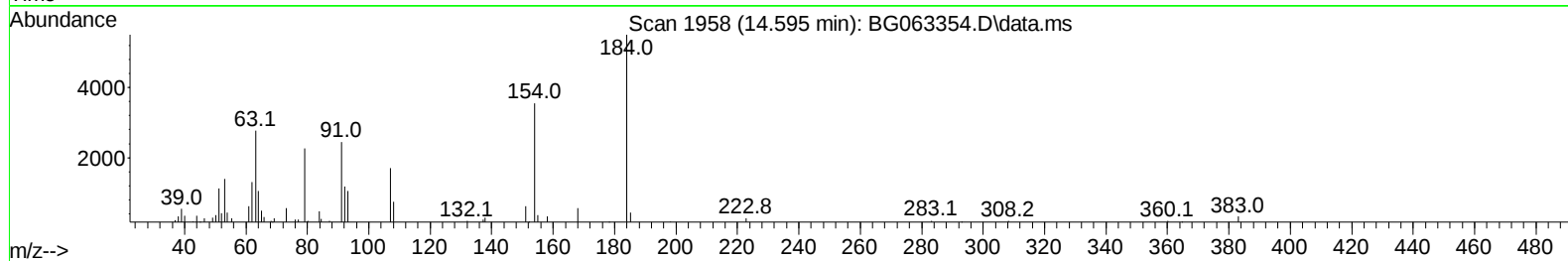
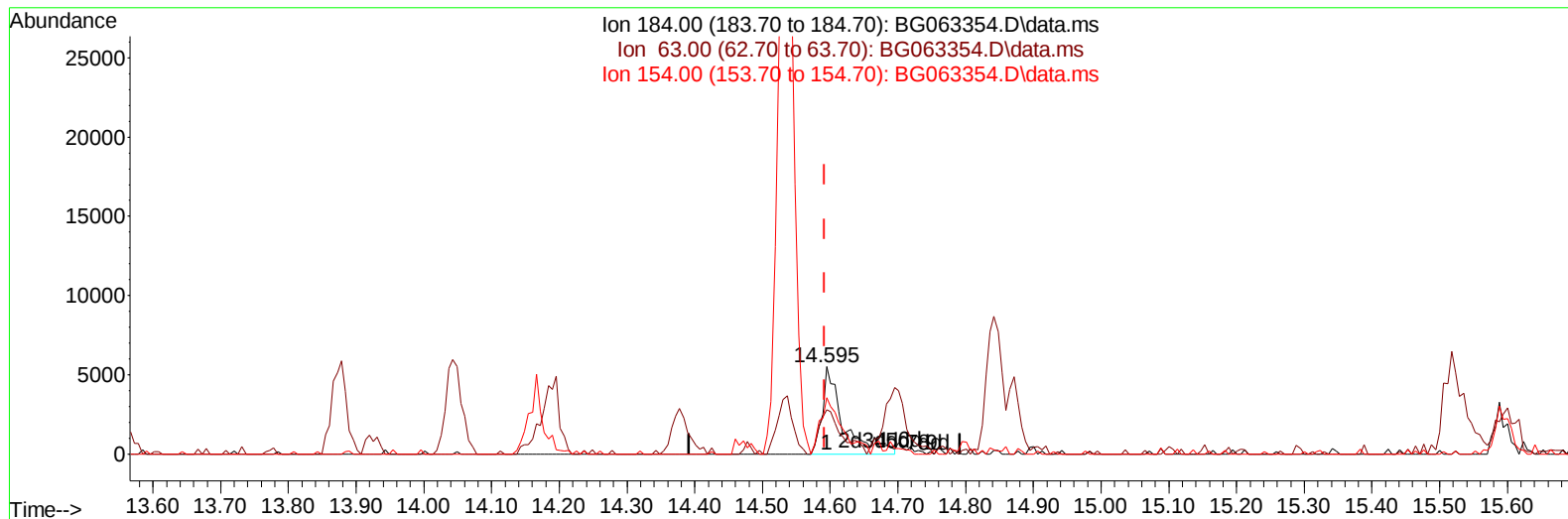
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(53) 2,4-Dinitrophenol

14.595min (+ 0.003) 3.55 ng/ul m

response 11716

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	72.50	50.34#
154.00	76.40	64.54
0.00	0.00	0.00

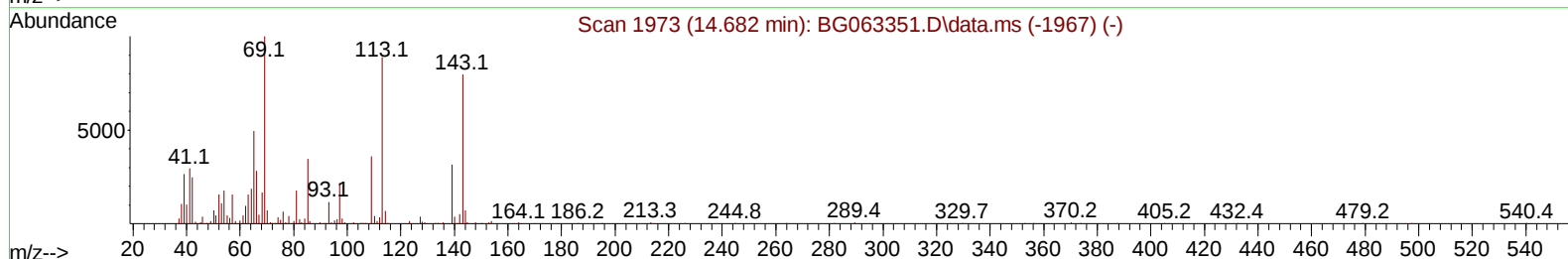
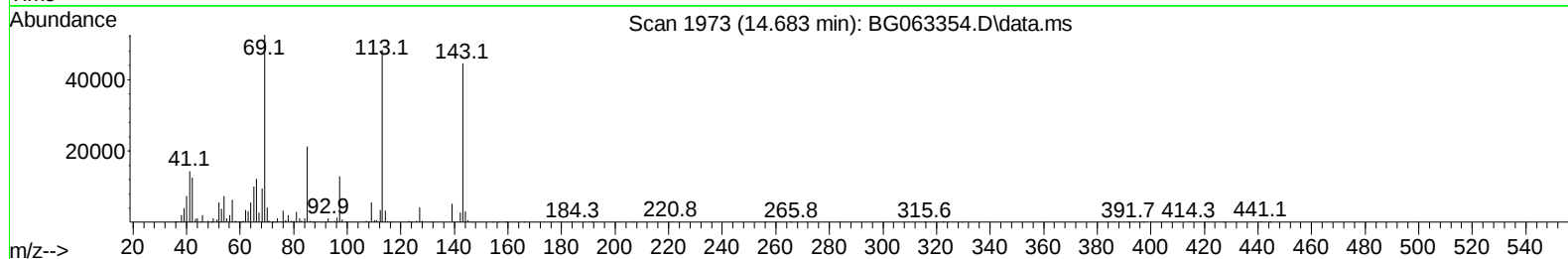
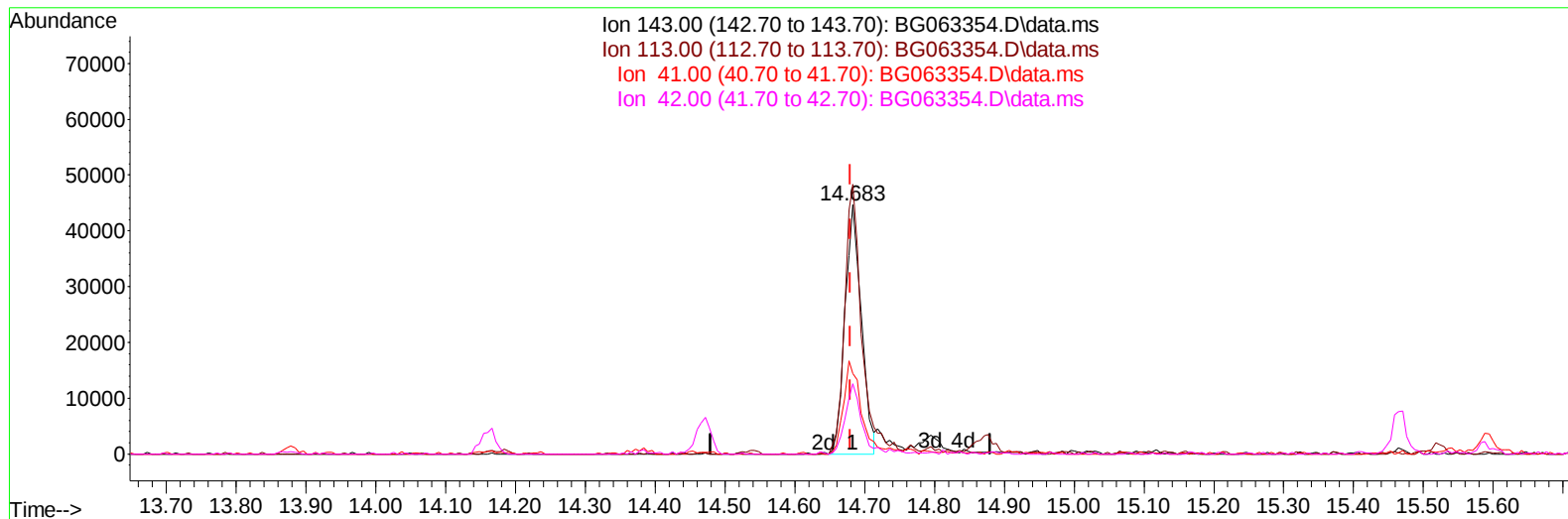
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.683min (+ 0.003) 19.41 ng/u1

response 72411

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	108.17
41.00	42.60	32.37#
42.00	30.90	28.14

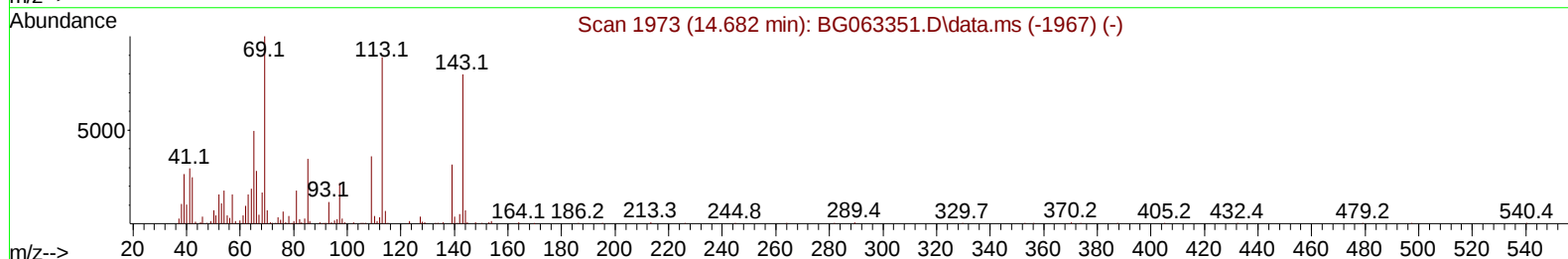
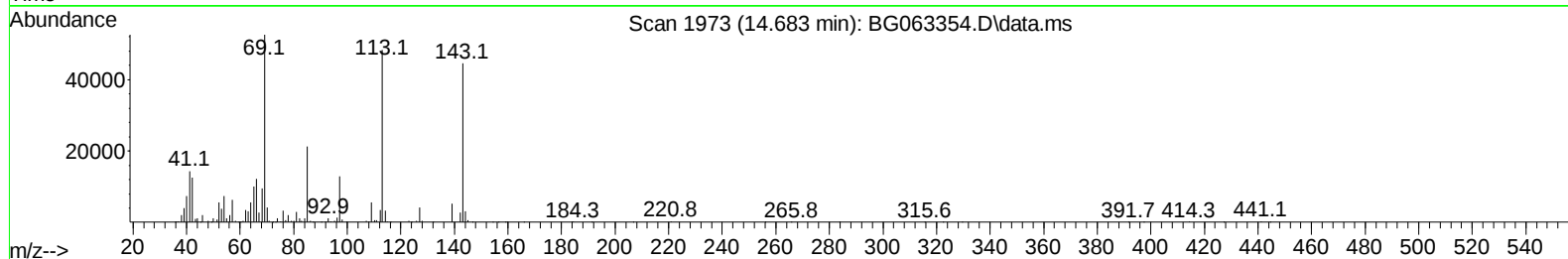
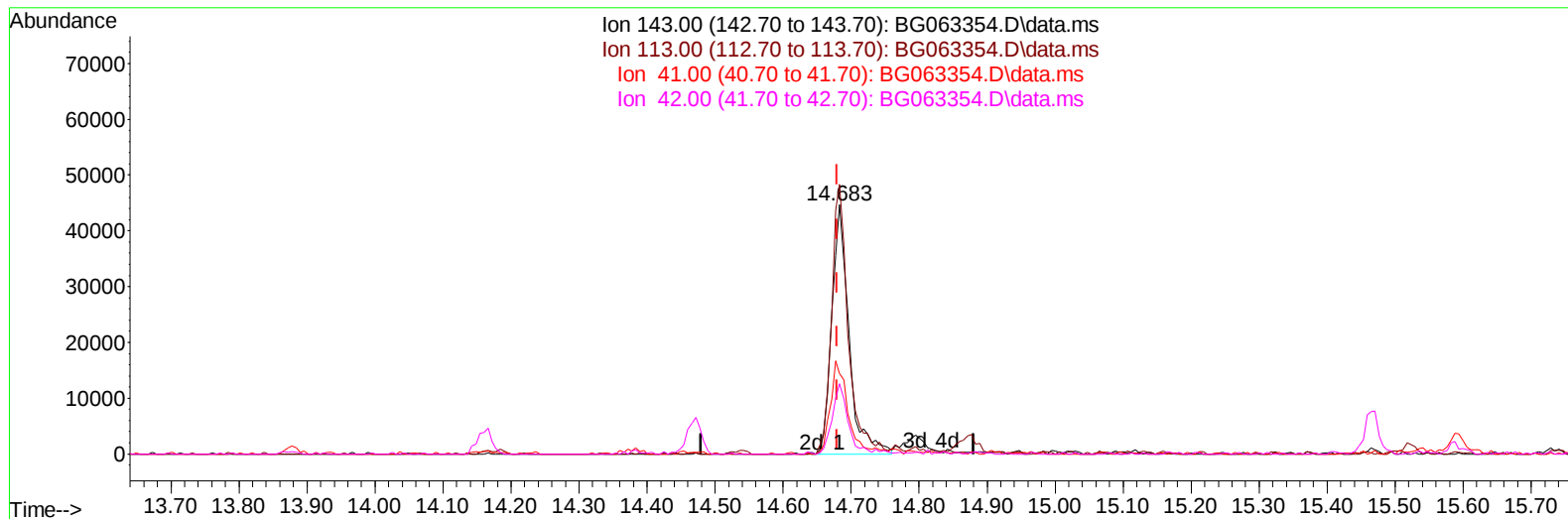
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.683min (+ 0.003) 21.06 ng/ul m

response 78588

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	108.17
41.00	42.60	32.37#
42.00	30.90	28.14

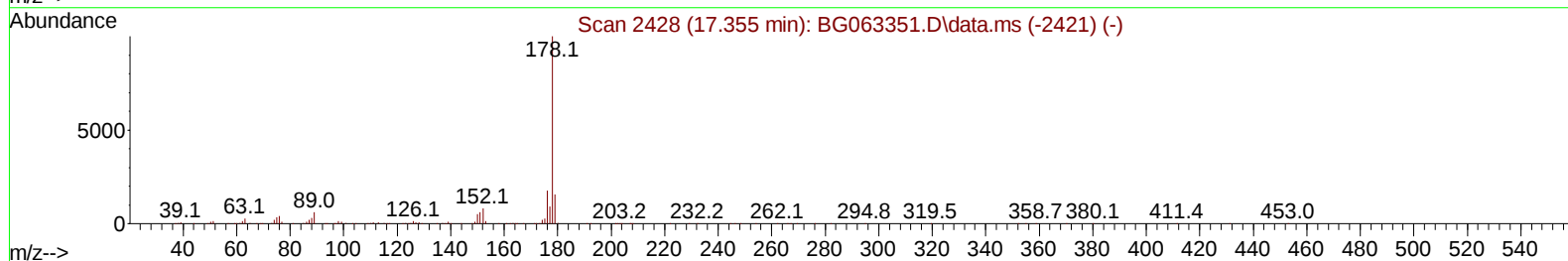
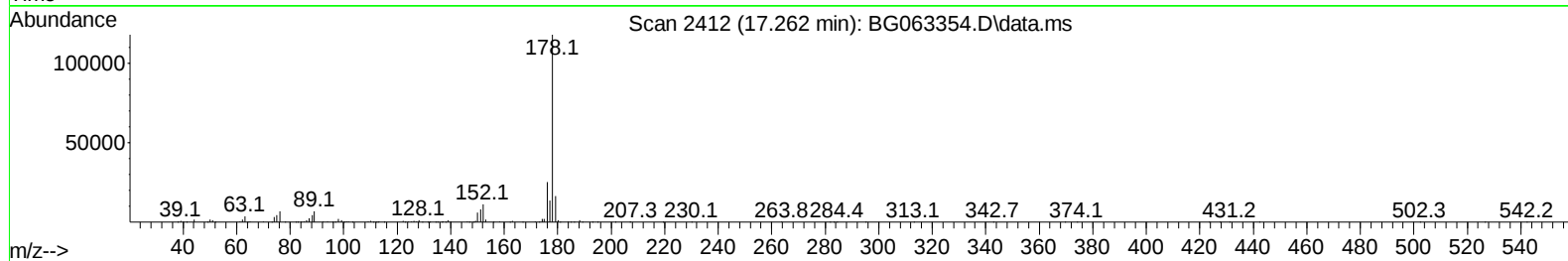
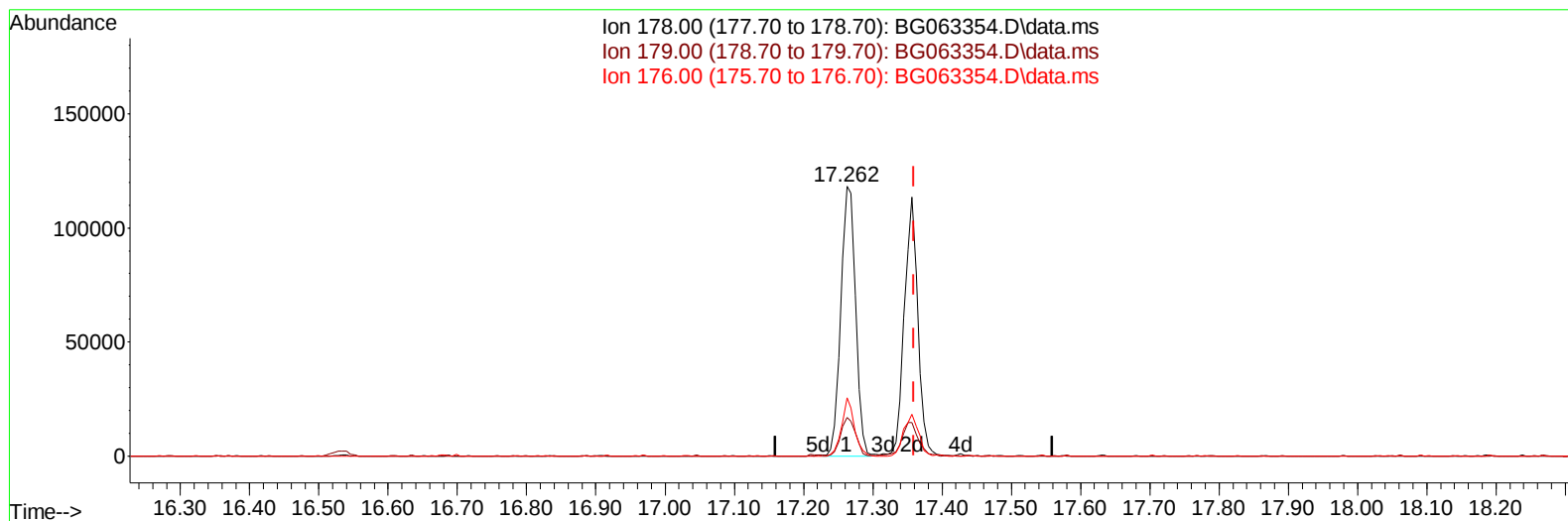
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration



TIC: BG063354.D\data.ms

(74) Anthracene

17.262min (-0.097) 4.03 ng/u1

response 173079

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	14.17
176.00	20.10	21.57
0.00	0.00	0.00

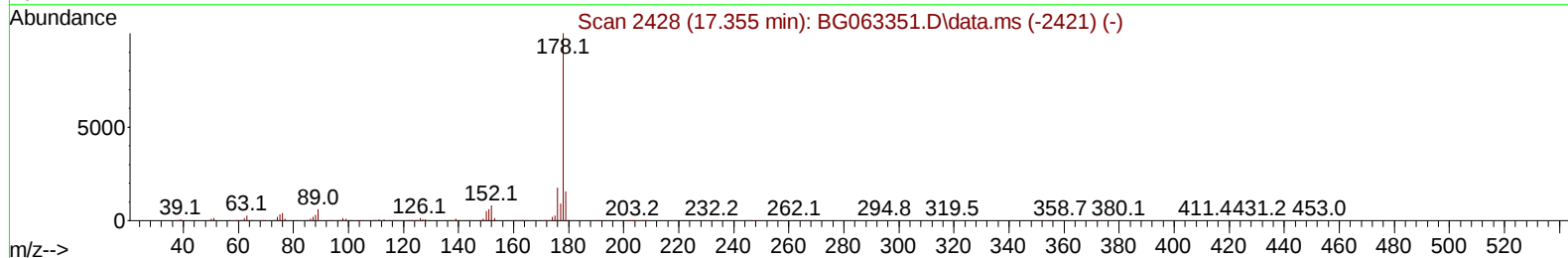
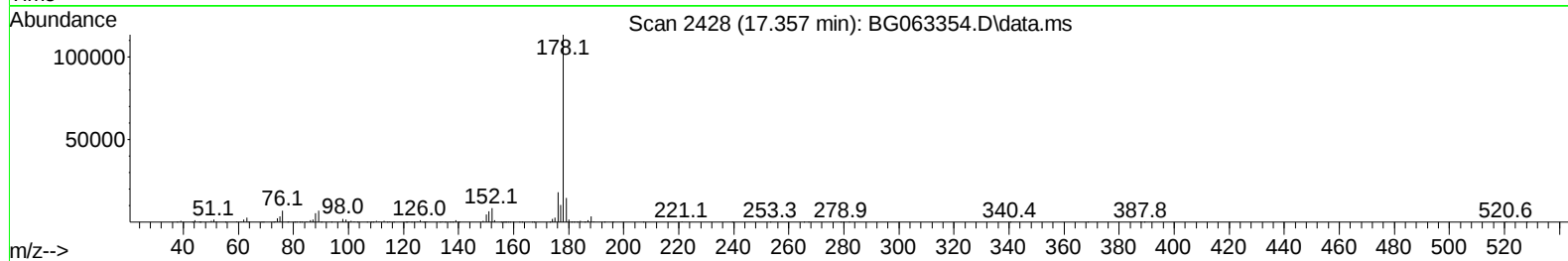
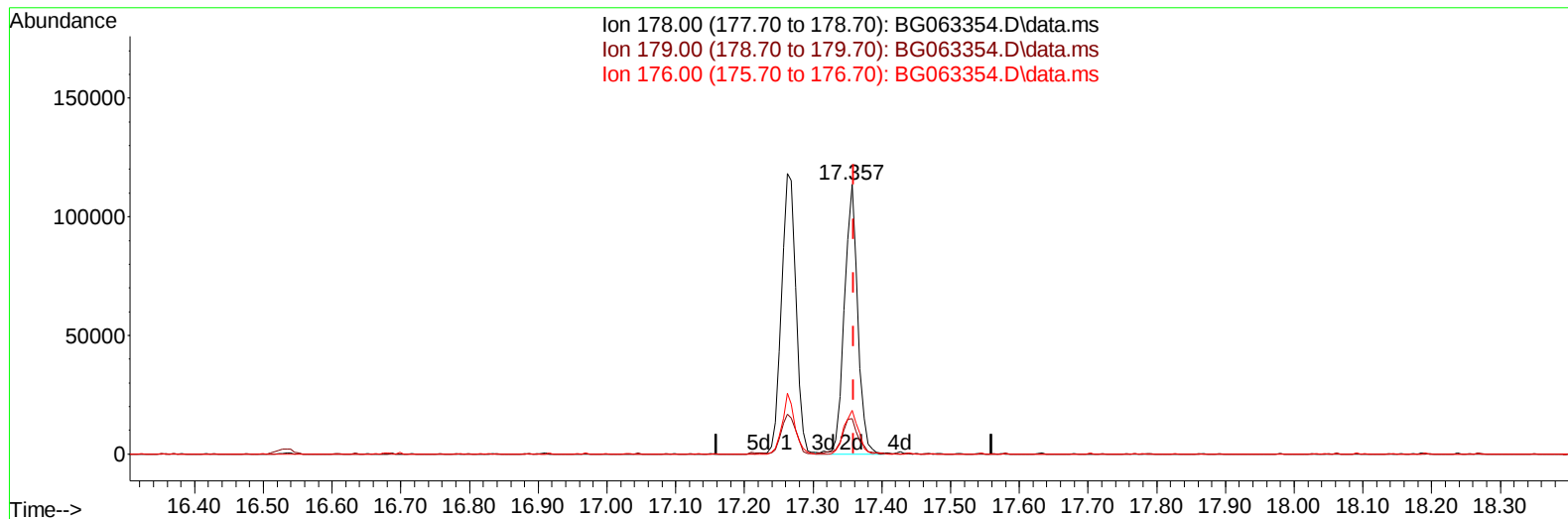
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(74) Anthracene

17.357min (-0.003) 3.59 ng/u1 m

response 154128

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	13.01#
176.00	20.10	16.16
0.00	0.00	0.00

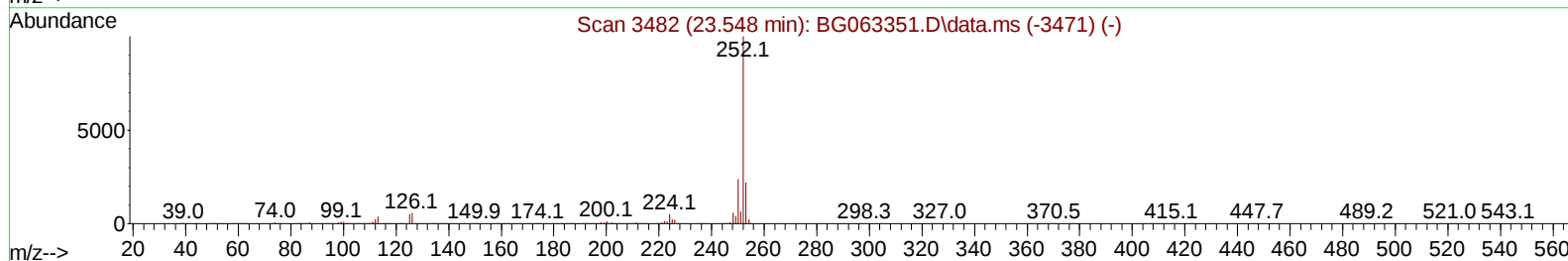
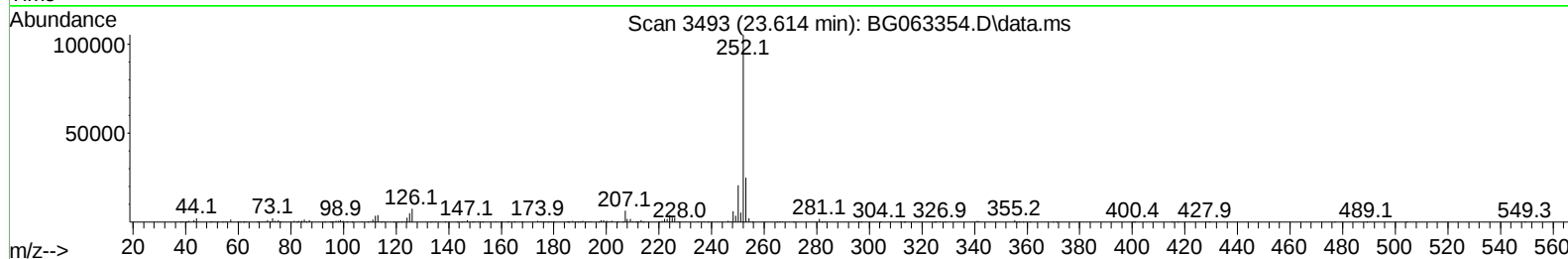
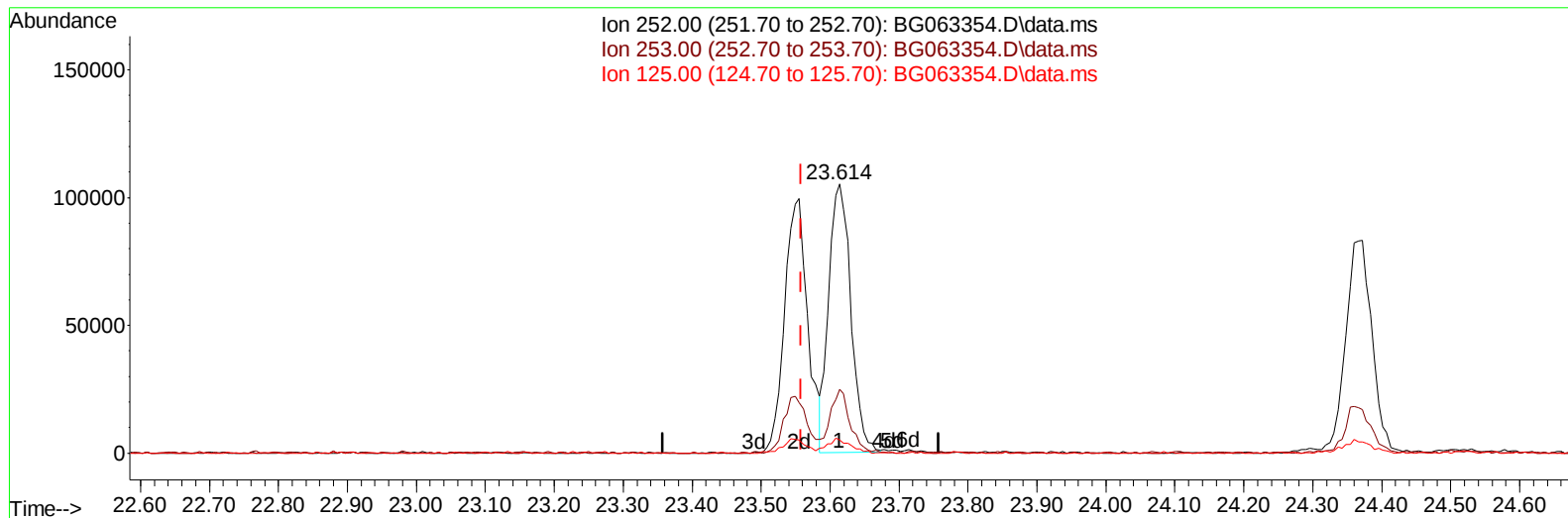
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(90) Benzo(b)fluoranthene

23.614min (+ 0.056) 3.90 ng/u1

response 233943

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	23.77
125.00	4.20	4.86
0.00	0.00	0.00

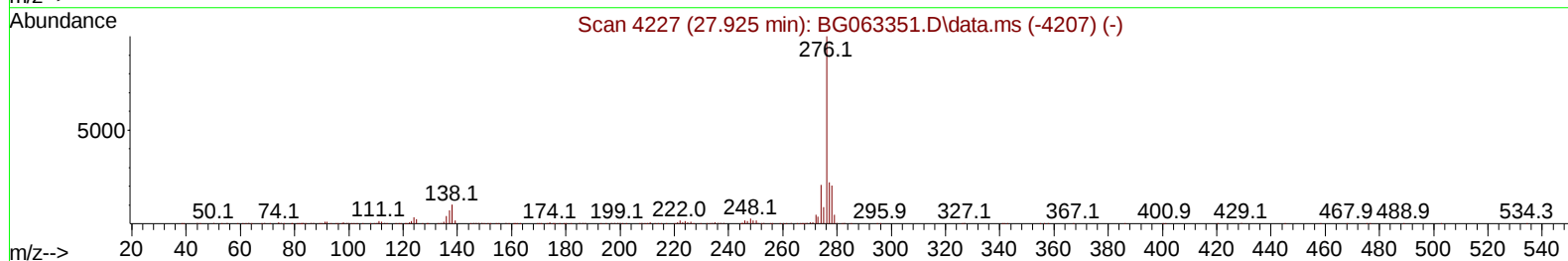
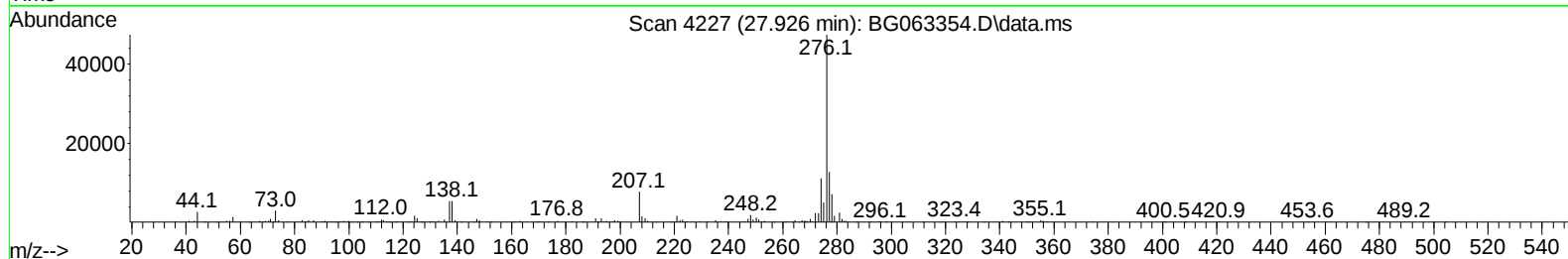
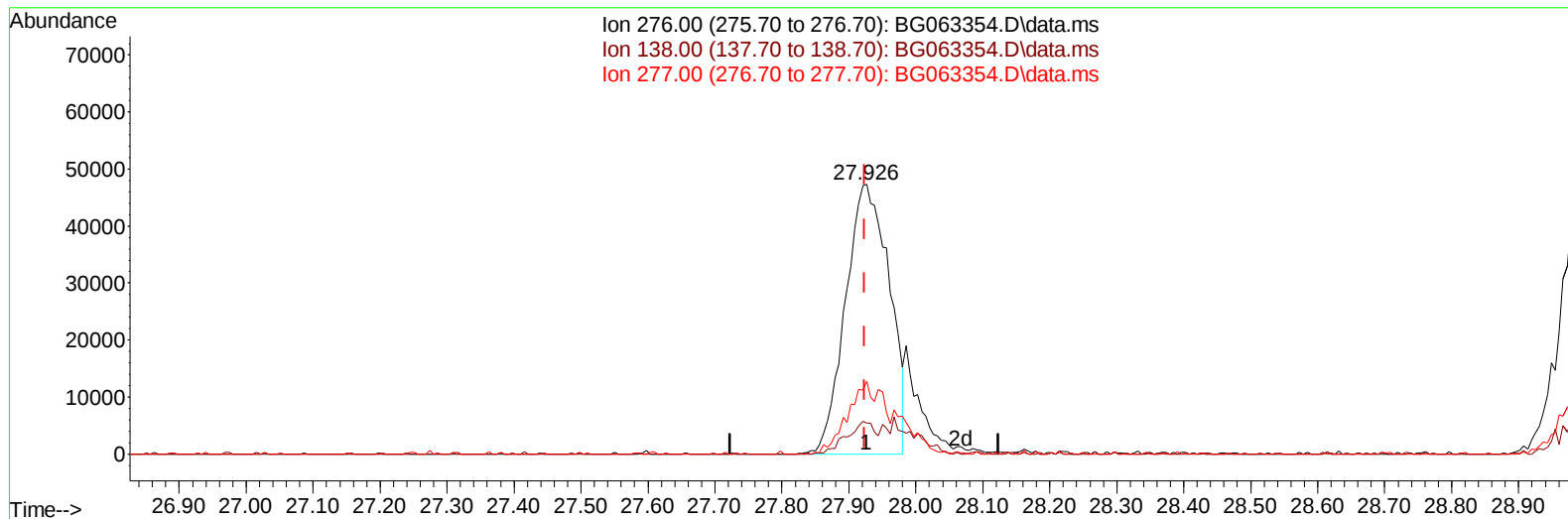
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

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

27.926min (+ 0.003) 3.14 ng/u1

response 213684

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	11.56#
277.00	21.70	26.95#
0.00	0.00	0.00

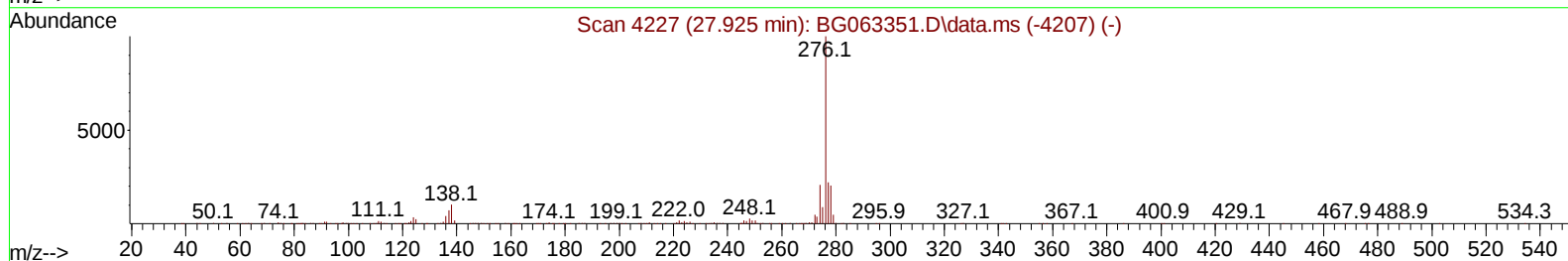
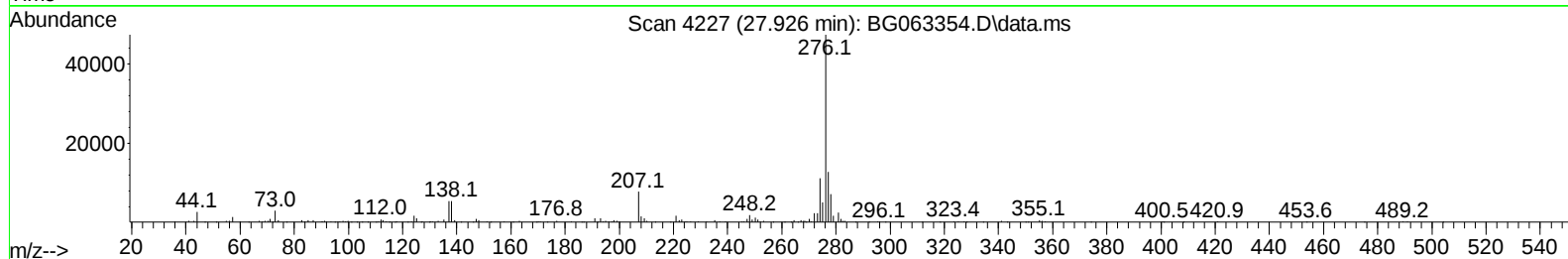
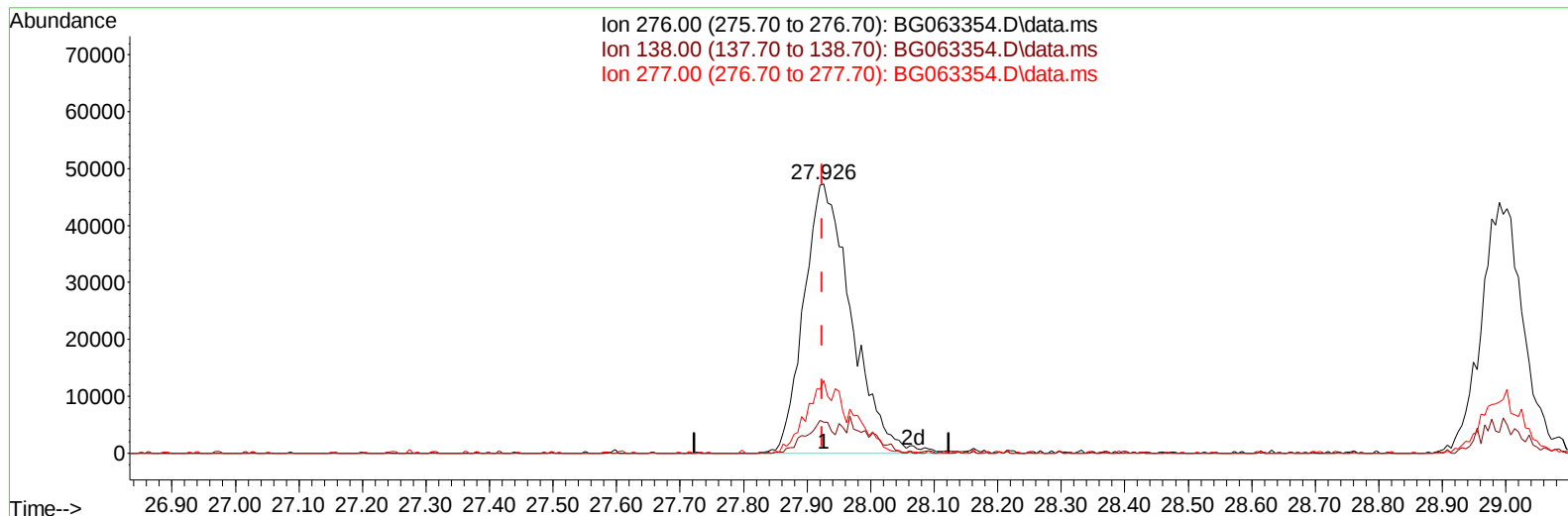
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

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

27.926min (+ 0.003) 3.62 ng/u1 m

response 246330

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	11.56#
277.00	21.70	26.95#
0.00	0.00	0.00

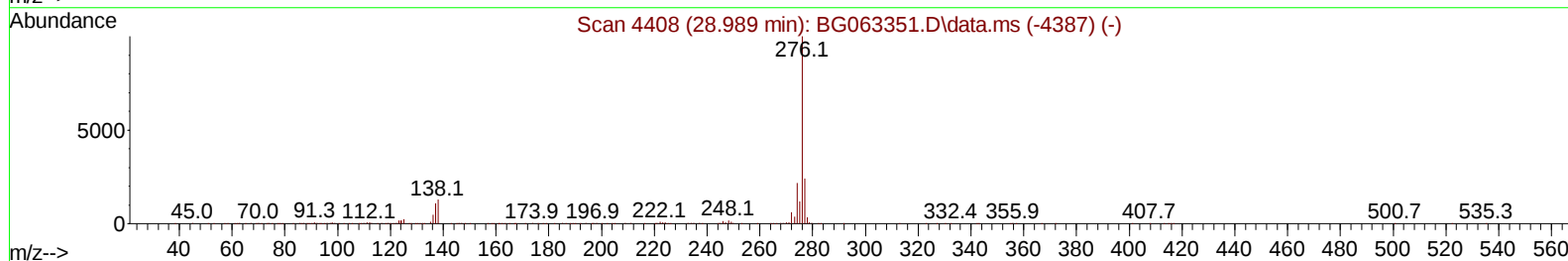
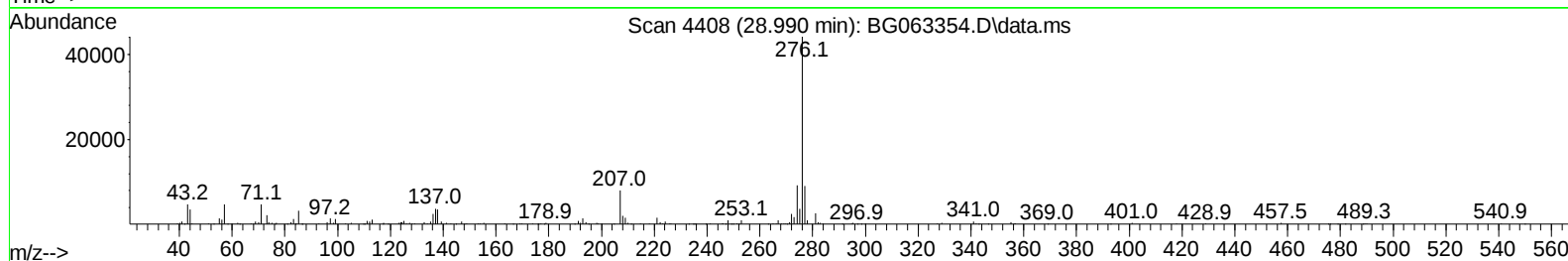
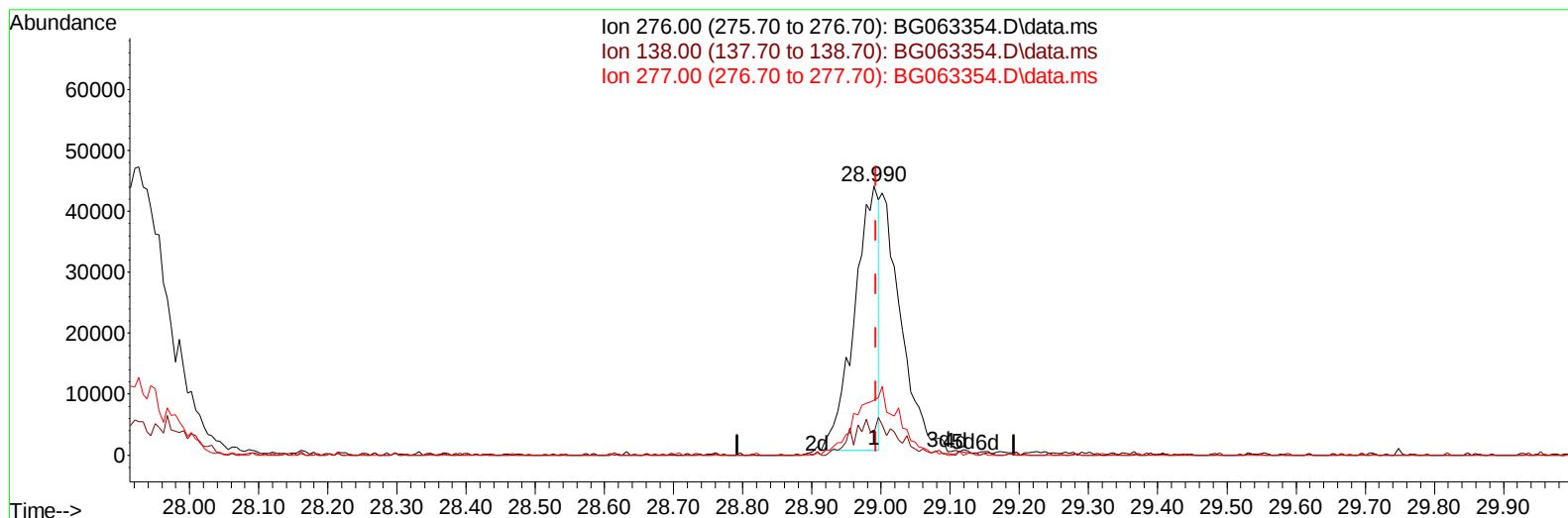
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

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

28.990min (-0.003) 2.05 ng/u1

response 105940

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	8.26
277.00	23.20	20.47
0.00	0.00	0.00

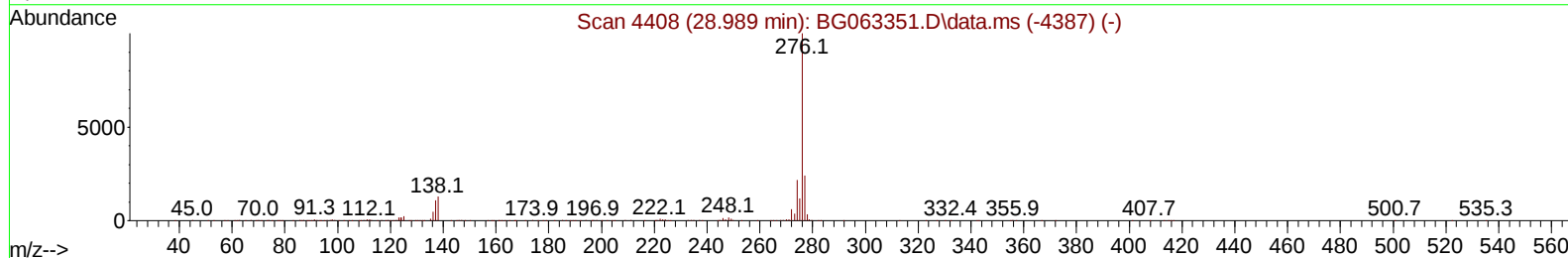
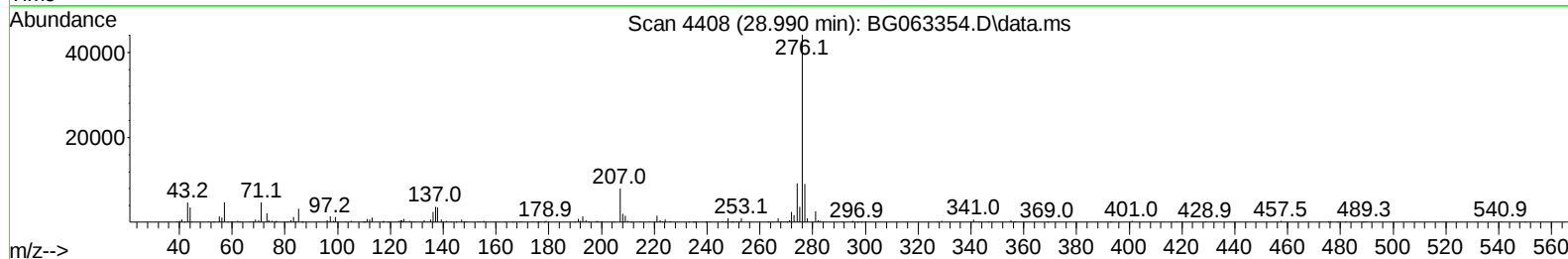
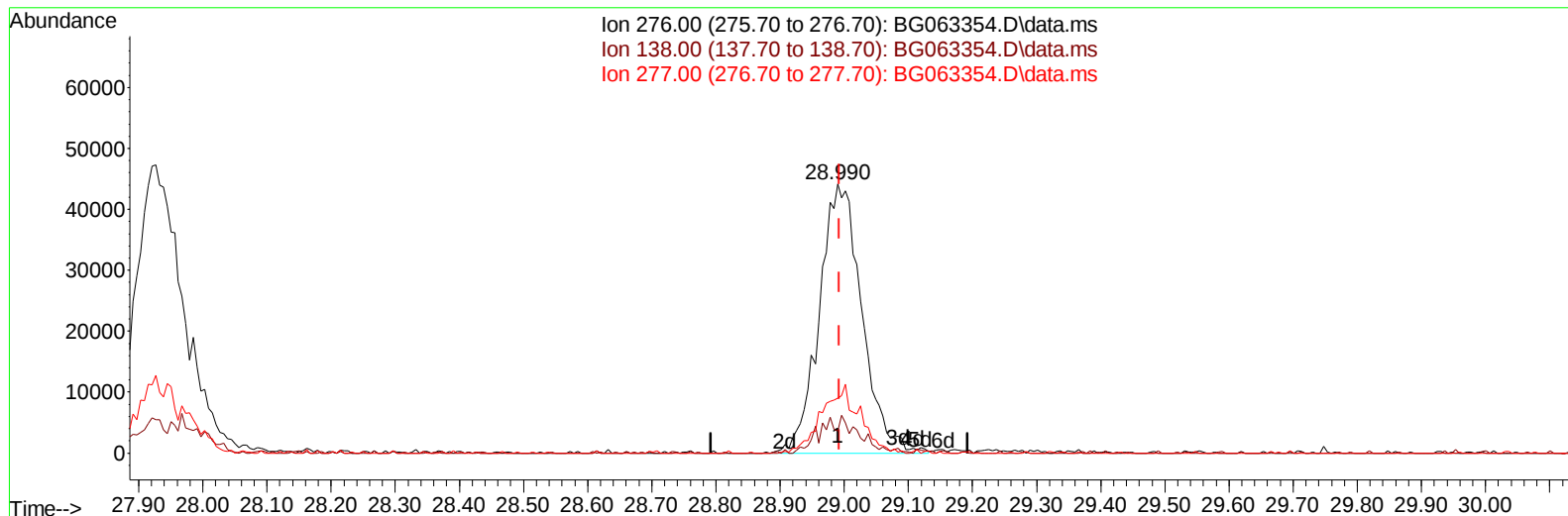
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 13:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

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

28.990min (-0.003) 3.93 ng/ul m

response 202882

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	8.26
277.00	23.20	20.47
0.00	0.00	0.00

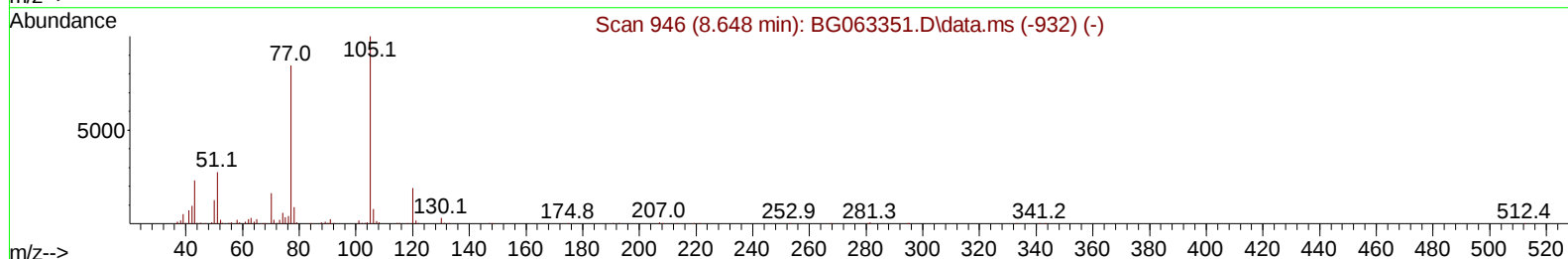
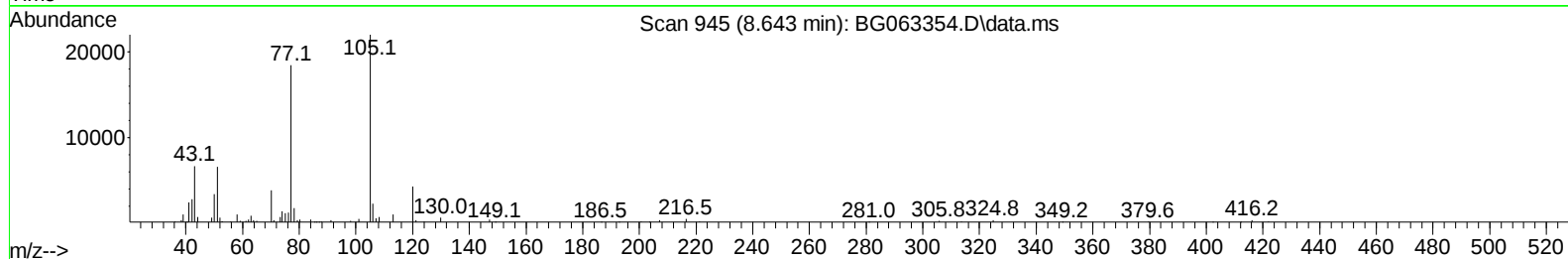
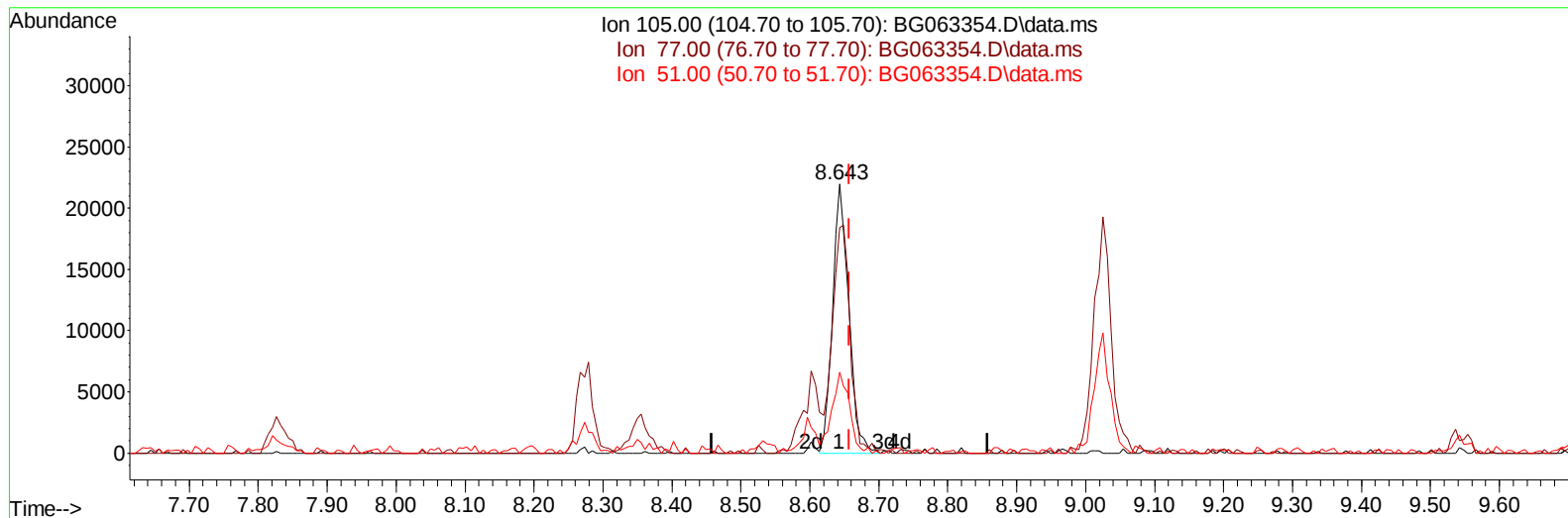
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 14:06:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(16) Acetophenone

8.643min (-0.015) 3.17 ng/u1

response 35900

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	85.00	83.90
51.00	30.40	29.97
0.00	0.00	0.00

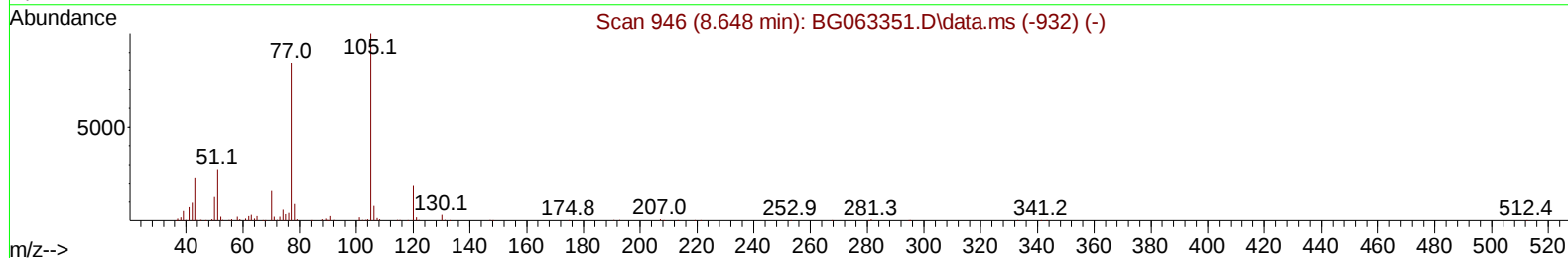
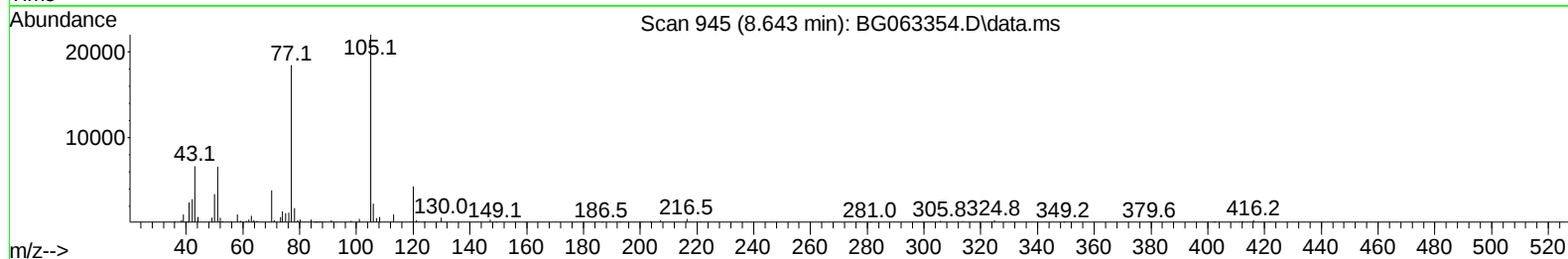
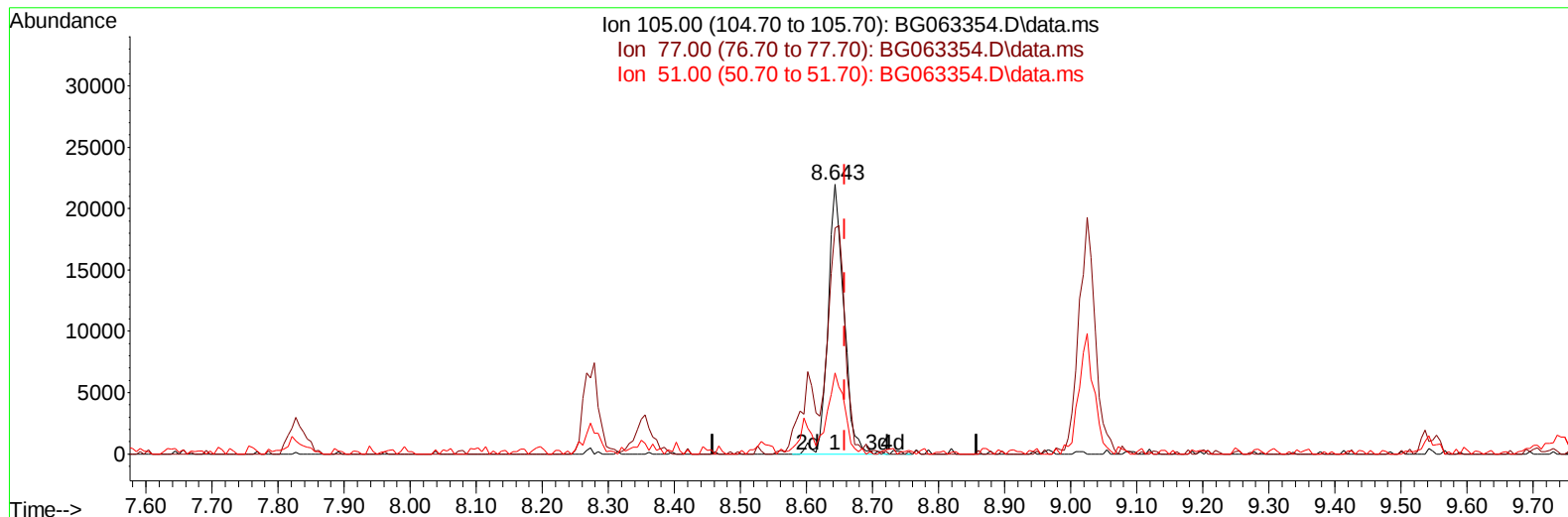
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 14:06:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(16) Acetophenone

8.643min (-0.015) 3.26 ng/u1 m

response 36927

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	85.00	83.90
51.00	30.40	29.97
0.00	0.00	0.00

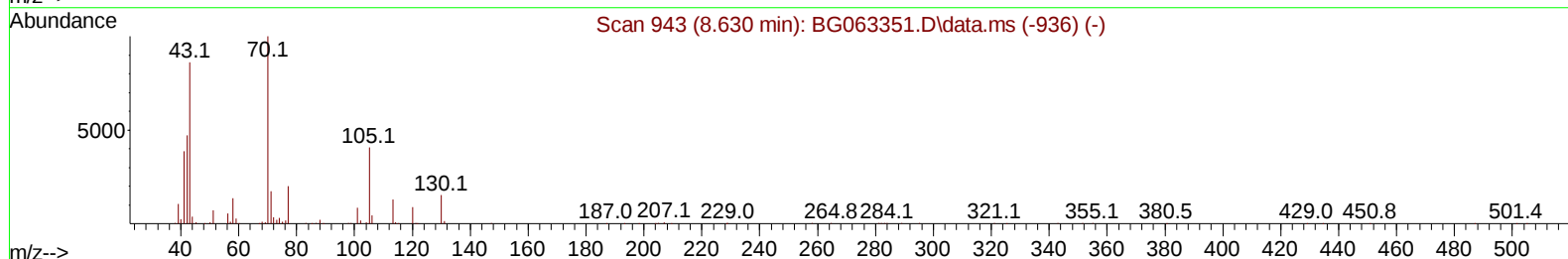
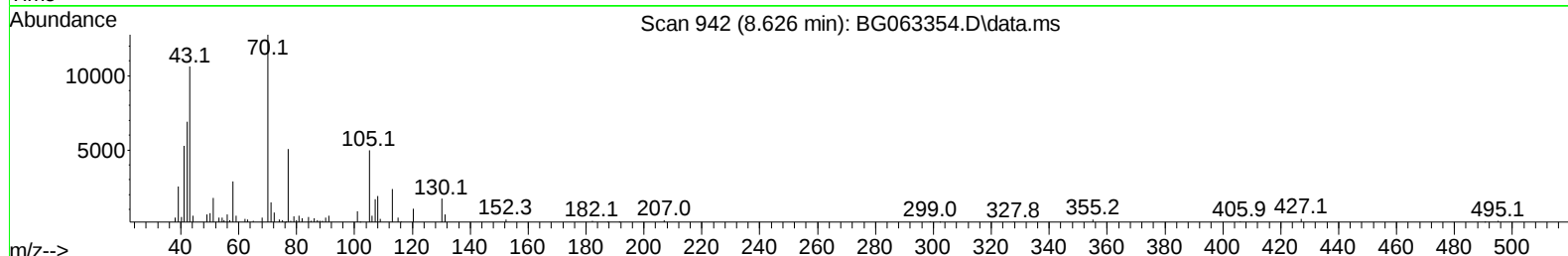
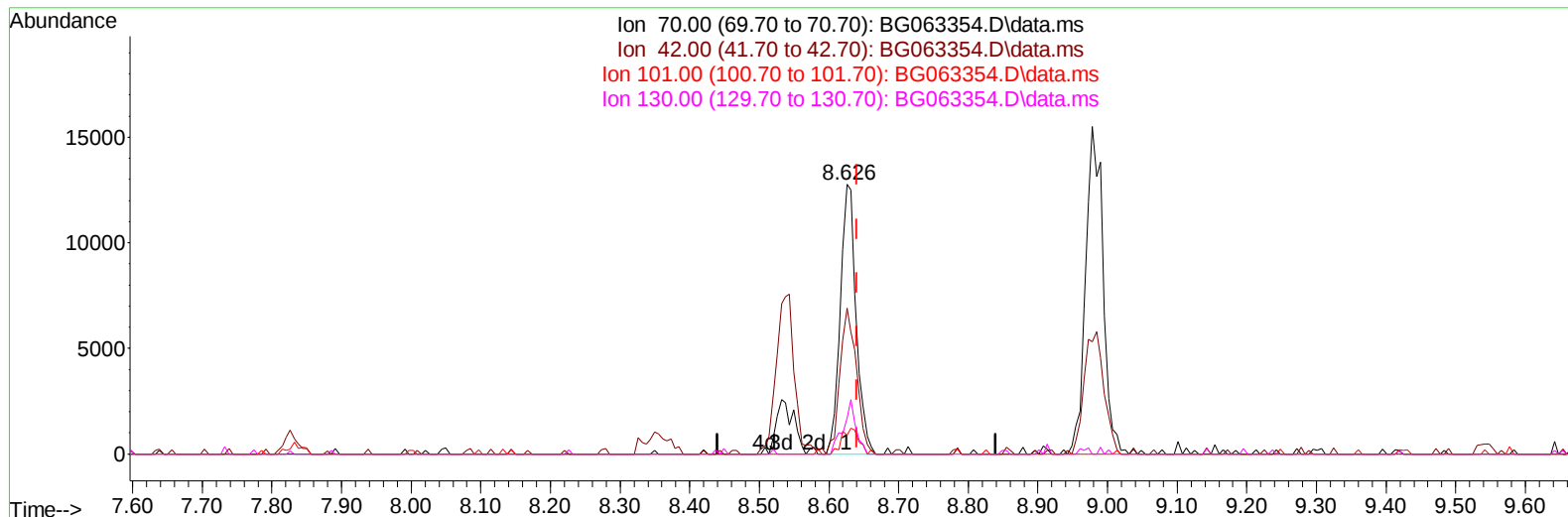
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 14:06:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(17) N-Nitroso-di-n-propylamine (P)

8.626min (-0.015) 3.08 ng/u1

response 20327

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	53.00	54.15
101.00	8.30	7.01
130.00	15.10	13.44

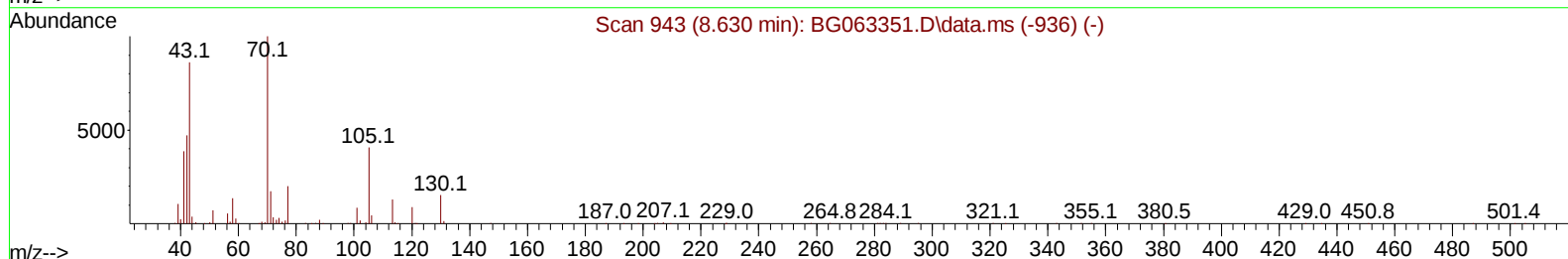
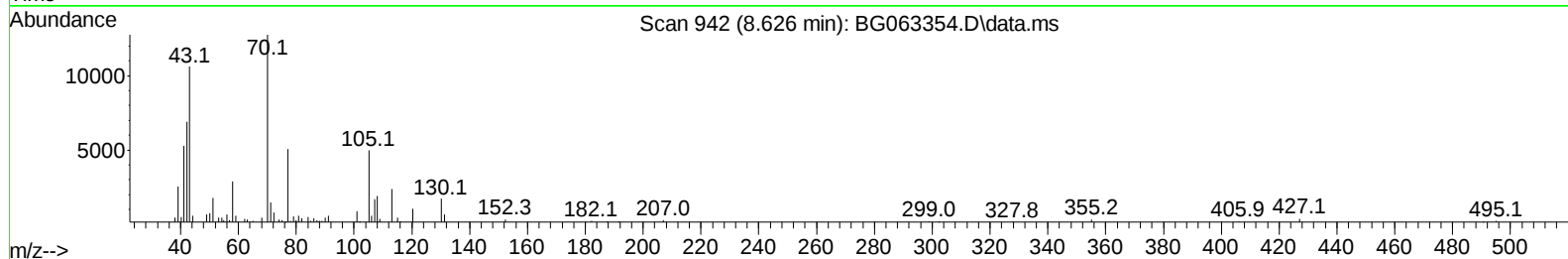
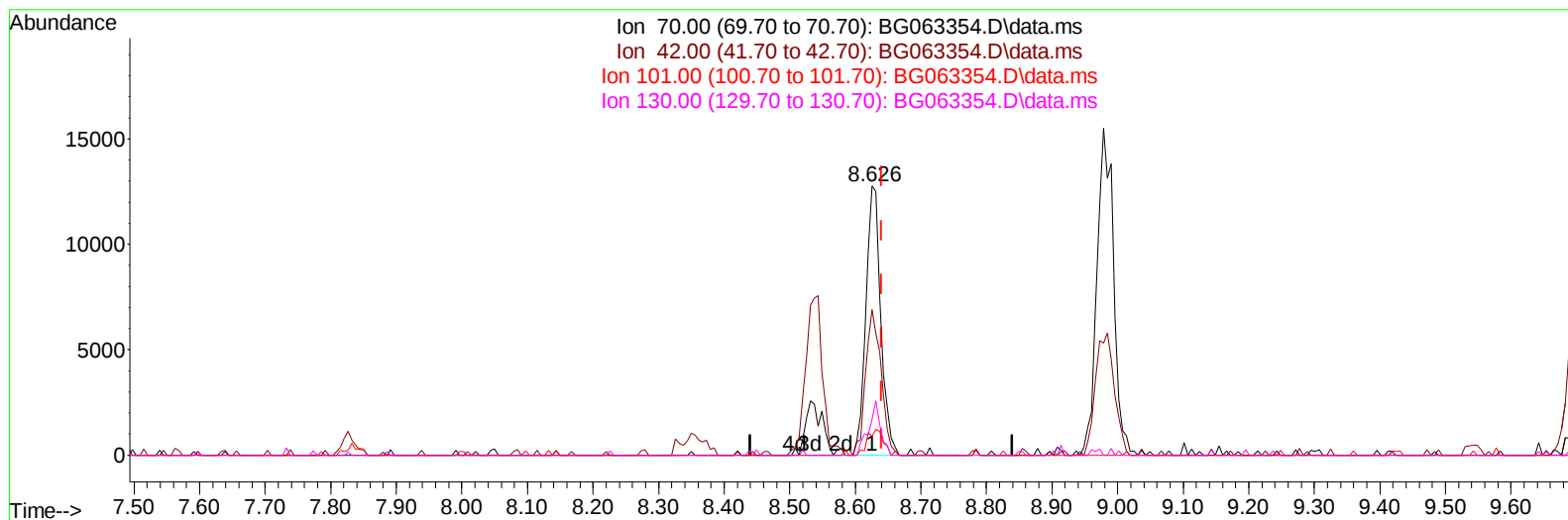
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 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 14:06:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BG063354.D\data.ms

(17) N-Nitroso-di-n-propylamine (P)

8.626min (-0.015) 3.81 ng/ul m

response 25141

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	53.00	54.15
101.00	8.30	7.01
130.00	15.10	13.44

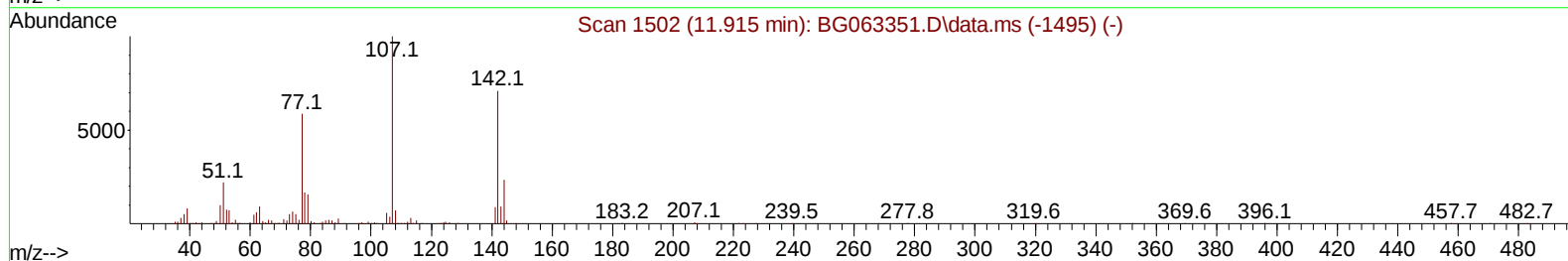
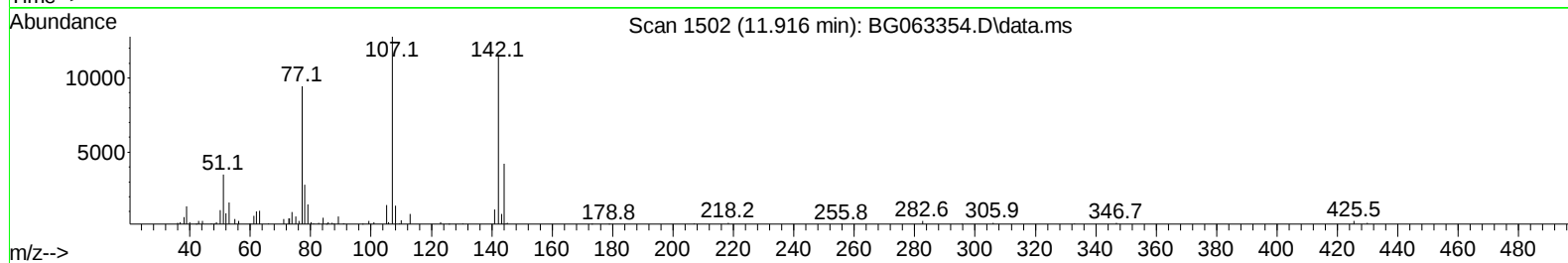
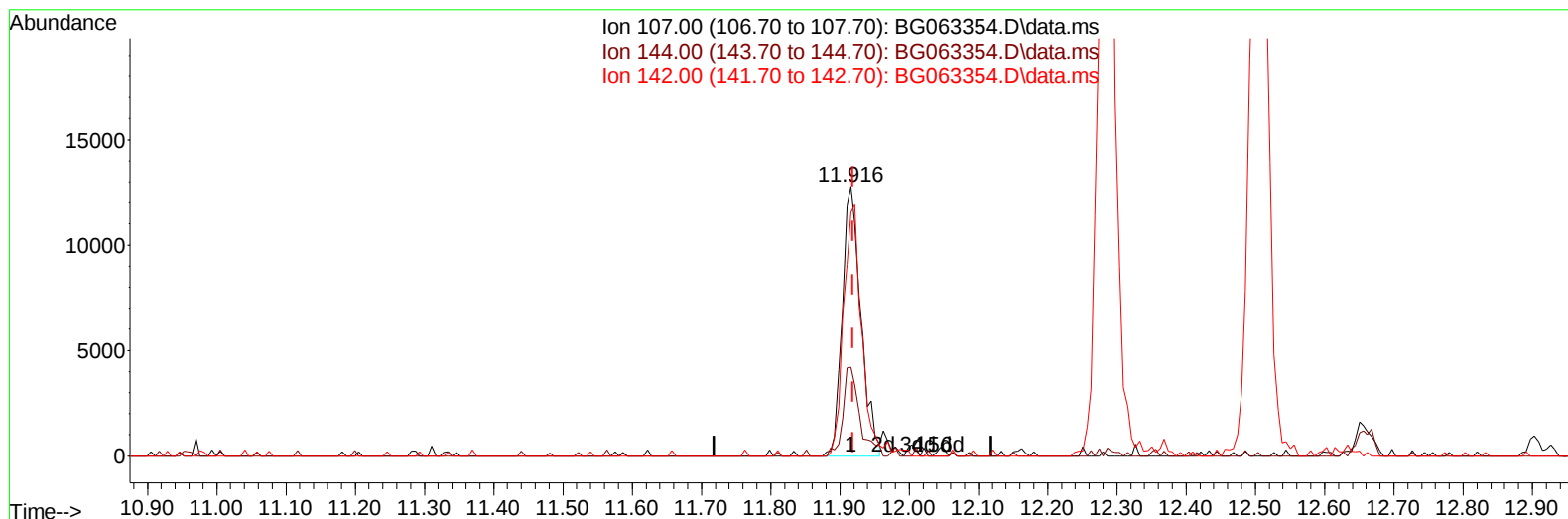
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Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 14:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

11.916min (-0.003) 2.92 ng/u1

response 23876

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	24.40	33.00#
142.00	80.30	90.53
0.00	0.00	0.00

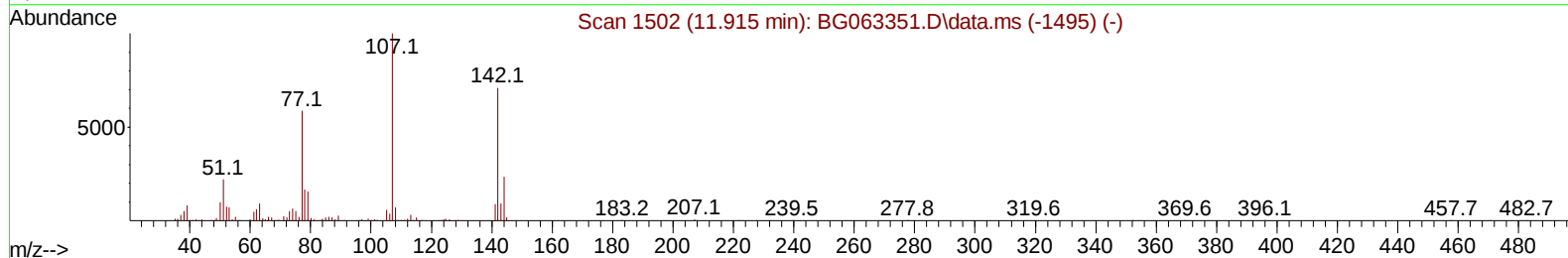
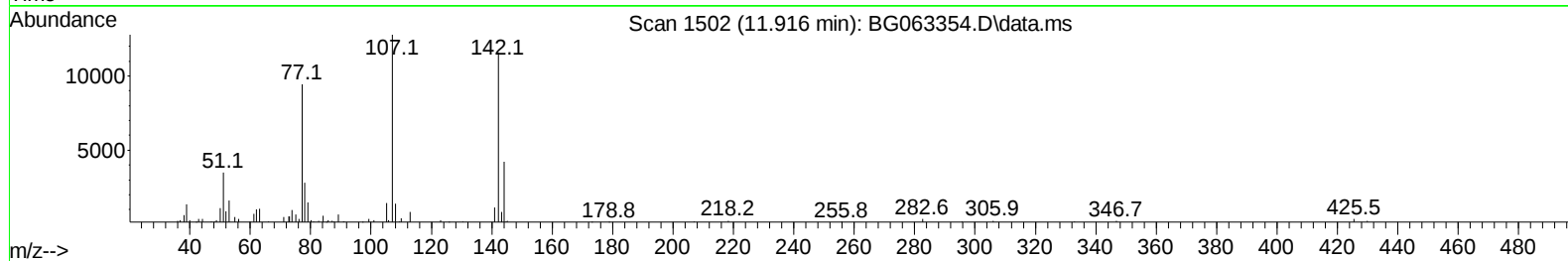
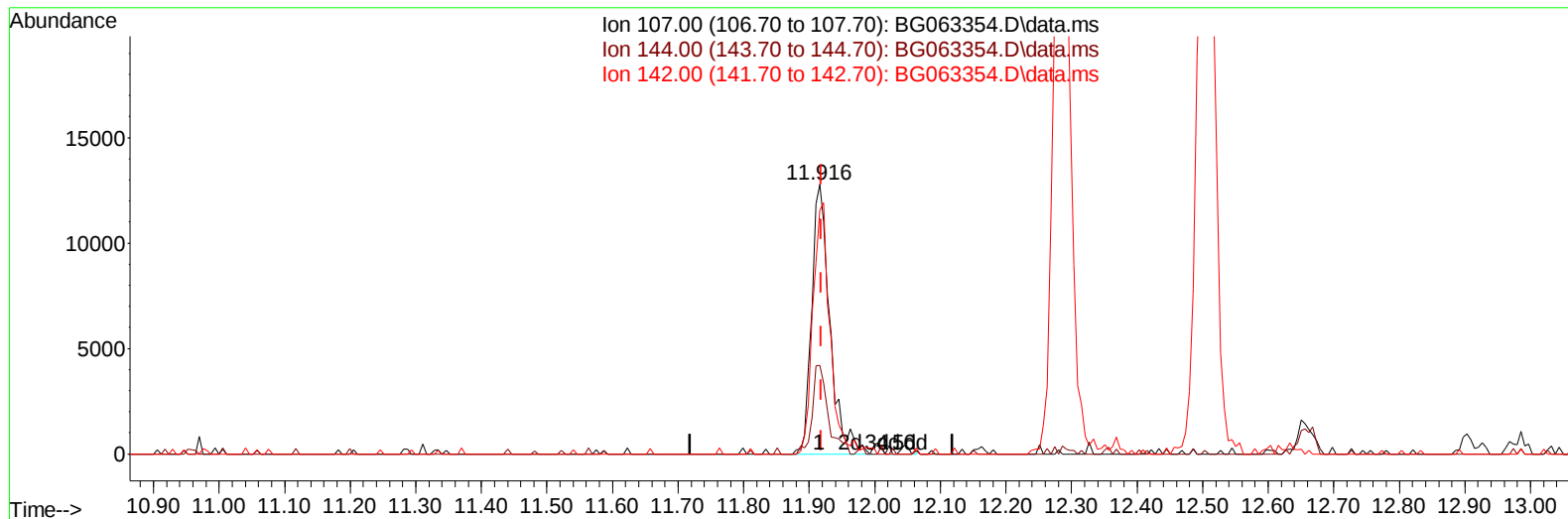
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 14:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

11.916min (-0.003) 3.15 ng/ul m

response 25774

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	24.40	33.00#
142.00	80.30	90.53
0.00	0.00	0.00

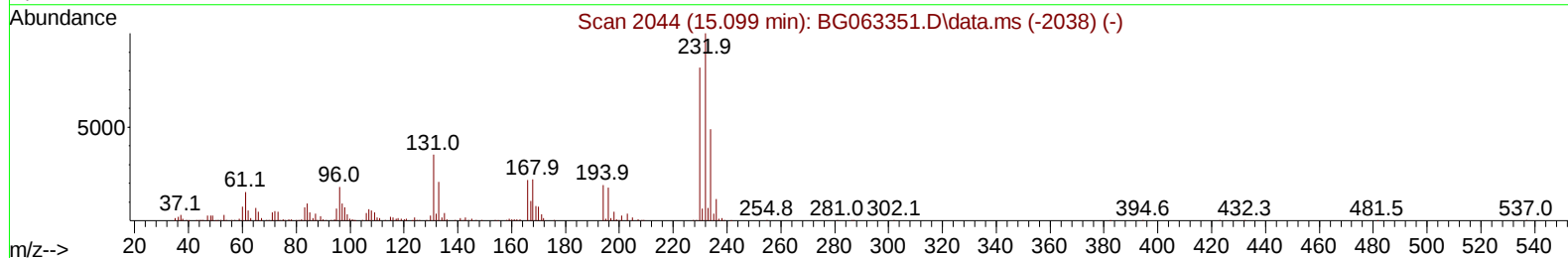
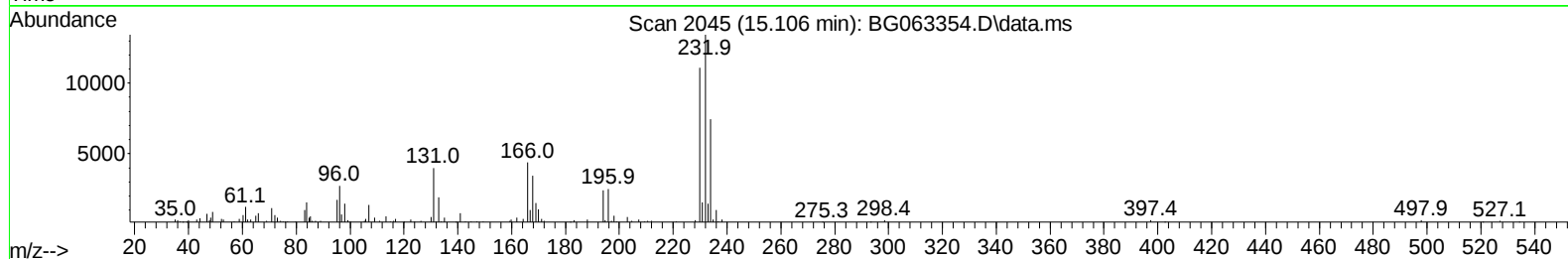
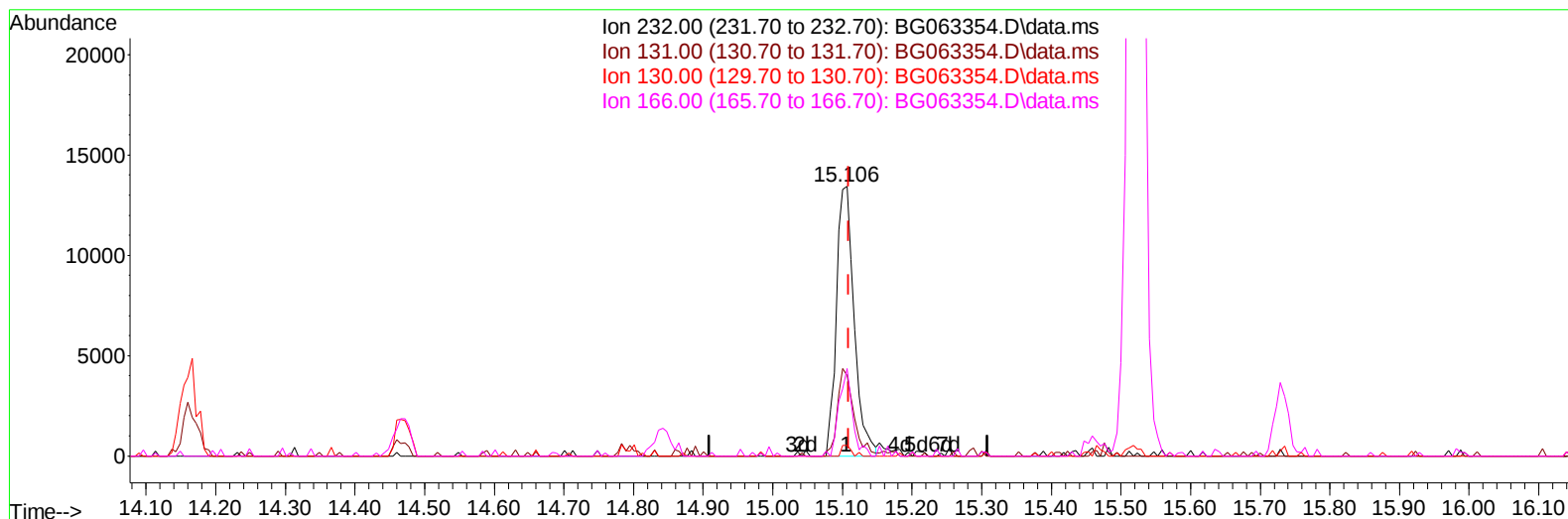
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 14:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.106min (-0.003) 3.19 ng/u1

response 23731

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	29.76
130.00	0.00	3.94#
166.00	23.80	32.48#

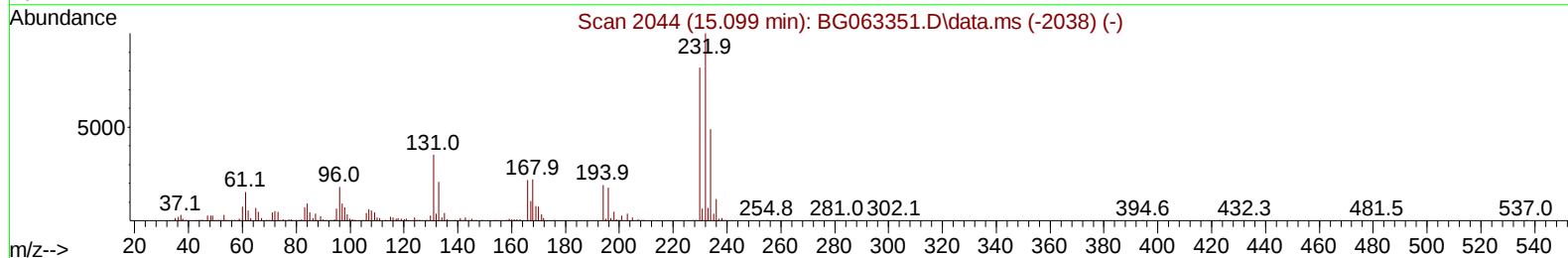
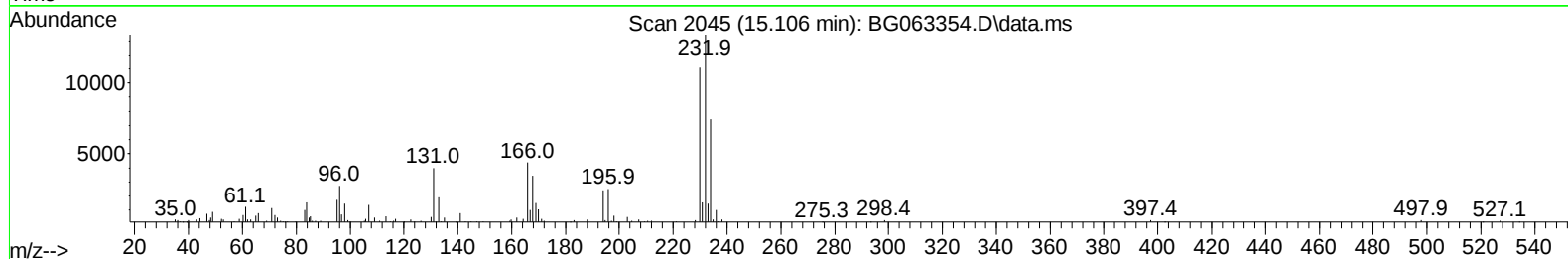
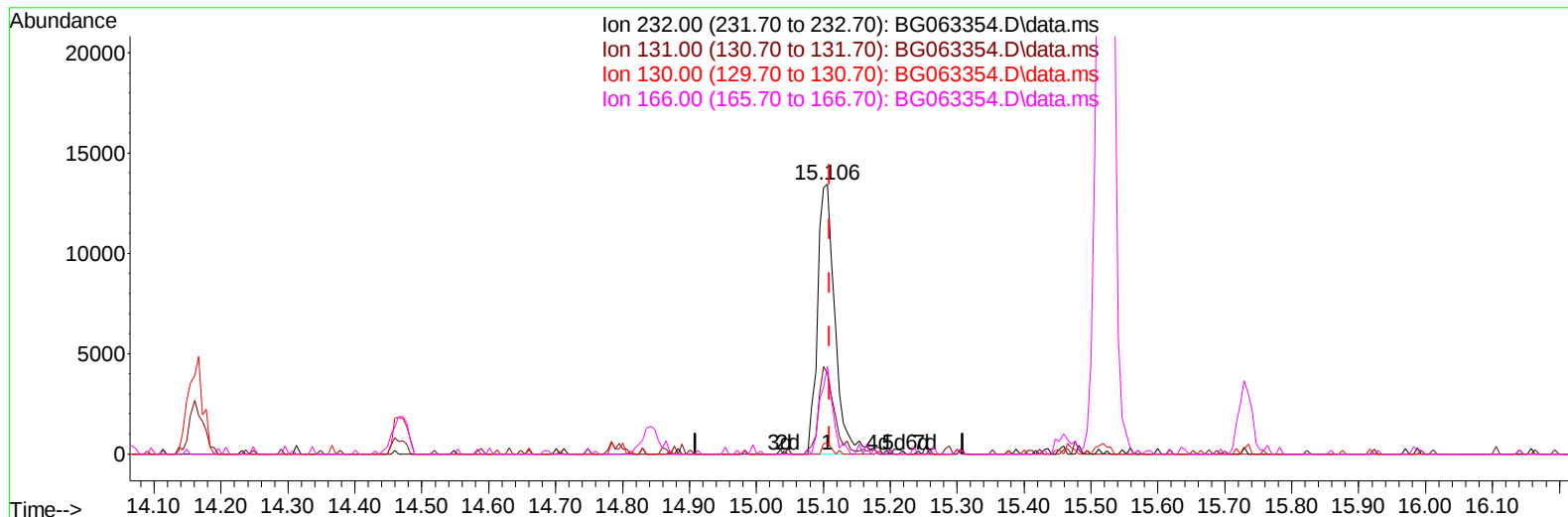
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063354.D
Acq On : 13 Nov 2024 14:18
Operator : RC/JU
Sample : P3391-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 14:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063354.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.106min (-0.003) 3.33 ng/u1 m

response 24786

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	29.76
130.00	0.00	3.94#
166.00	23.80	32.48#

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Nov 13 14:14:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	91857	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.617	136	405962	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.472	164	347922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	916450	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	971567	20.000	ng/ul	# 0.00
88) Perylene-d12	24.513	264	996149	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	9642	4.746	ng/uL	0.00
4) Pyridine-d5	3.702	84	149849	22.318	ng/ul	0.00
7) Phenol-d5	6.998	99	184789	22.294	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.157	67	112804	23.202	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.362	132	131729	24.485	ng/ul	-0.01
15) 4-Methylphenol-d8	8.537	113	143870	20.478	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	69931	24.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.701	143	85429	23.160	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.241	165	156022	21.553	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	197267	20.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	540190	19.821	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	608856	22.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	78588m	21.061	ng/ul	0.00
60) Fluorene-d10	15.465	176	521294	22.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	105965	18.398	ng/ul	0.00
73) Anthracene-d10	17.321	188	817884	20.765	ng/ul	0.00
81) Pyrene-d10	19.619	212	1165023	23.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	1103190	22.938	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.720	79	24457	3.570	ng/ul#	66
6) Benzaldehyde	6.975	77	22188	4.843	ng/ul#	85
8) Phenol	7.027	94	29873	3.307	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.251	93	23604	3.842	ng/ul#	82
12) 2-Chlorophenol	7.398	128	22934	3.985	ng/ul	99
13) 2-Methylphenol	8.273	108	22370m	3.390	ng/ul	
14) 2,2'-oxybis(1-Chloropr...	8.355	45	31620	4.072	ng/ul	98
16) Acetophenone	8.643	105	36927m	3.264	ng/ul	
17) N-Nitroso-di-n-propyla...	8.626	70	25141m	3.810	ng/ul	
18) 4-Methylphenol	8.596	108	24716m	3.294	ng/ul	
19) Hexachloroethane	8.902	117	9419	4.039	ng/ul#	83
22) Nitrobenzene	9.025	77	33220	3.775	ng/ul	95
23) Isophorone	9.542	82	61653	3.319	ng/ul#	94
25) 2-Nitrophenol	9.736	139	13653	3.744	ng/ul#	86
26) 2,4-Dimethylphenol	9.795	107	19423m	2.442	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.030	93	34478	3.851	ng/ul#	96
29) 2,4-Dichlorophenol	10.271	162	24374	3.572	ng/ul#	81
30) Naphthalene	10.670	128	81335	3.916	ng/ul	100
32) 4-Chloroaniline	10.776	127	31736	3.517	ng/ul	95
33) Hexachlorobutadiene	10.958	225	22168	3.394	ng/ul#	91
34) Caprolactam	11.540	113	12896m	4.547	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	25774m	3.148	ng/ul	
36) 2-Methylnaphthalene	12.286	142	56060	3.405	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063354.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : P3391-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 13 14:14:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.503	142	61993	3.621	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.656	216	44335	3.615	ng/ul	93
40) Hexachlorocyclopentadiene	12.633	237	28818	4.303	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.903	196	21730	3.282	ng/ul	94
42) 2,4,5-Trichlorophenol	12.973	196	25510m	3.553	ng/ul	
43) 1,1'-Biphenyl	13.302	154	82418	3.737	ng/ul	97
44) 2-Chloronaphthalene	13.344	162	64134	3.735	ng/ul	93
45) 2-Nitroaniline	13.549	65	19169m	3.273	ng/ul	
47) Dimethylphthalate	13.925	163	83468	3.194	ng/ul#	98
48) 2,6-Dinitrotoluene	14.043	165	15935	3.187	ng/ul#	90
50) Acenaphthylene	14.190	152	112804	4.245	ng/ul	99
51) 3-Nitroaniline	14.384	138	14804	3.392	ng/ul#	75
52) Acenaphthene	14.536	153	71193	3.743	ng/ul	92
53) 2,4-Dinitrophenol	14.595	184	11716m	3.554	ng/ul	
55) 4-Nitrophenol	14.701	109	22763	4.694	ng/ul	89
56) Dibenzofuran	14.871	168	105271	3.616	ng/ul#	87
57) 2,4-Dinitrotoluene	14.842	165	26099	3.300	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.106	232	24786m	3.334	ng/ul	
59) Diethylphthalate	15.294	149	91624	3.420	ng/ul	98
61) Fluorene	15.523	166	93022	3.775	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.518	204	57205	3.613	ng/ul	98
63) 4-Nitroaniline	15.541	138	16263	3.681	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.606	198	23572	3.944	ng/ul#	94
67) N-Nitrosodiphenylamine	15.729	169	76531	3.743	ng/ul	96
68) 4-Bromophenyl-phenylether	16.416	248	37649	3.594	ng/ul	92
69) Hexachlorobenzene	16.534	284	42380	3.797	ng/ul#	88
70) Atrazine	16.681	200	44838	4.009	ng/ul	95
71) Pentachlorophenol	16.881	266	26821	4.793	ng/ul	99
72) Phenanthrene	17.262	178	172893	4.129	ng/ul	97
74) Anthracene	17.357	178	154128m	3.593	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.267	216	41268	3.482	ng/ul	94
76) Pentachlorobenzene	14.795	250	49256	3.898	ng/ul	92
77) Carbazole	17.627	167	137701	3.867	ng/ul	99
78) Di-n-butylphthalate	18.191	149	155838	3.847	ng/ul	99
80) Fluoranthene	19.284	202	218899	4.157	ng/ul#	98
82) Pyrene	19.648	202	223775	4.010	ng/ul#	95
83) Butylbenzylphthalate	20.547	149	68392	4.193	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.381	252	93163	4.459	ng/ul#	92
85) Benzo(a)anthracene	21.458	228	240083	3.907	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	104758	4.409	ng/ul	97
87) Chrysene	21.522	228	225345	3.933	ng/ul	95
89) Di-n-octyl phthalate	22.515	149	168804	4.300	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	231636m	3.865	ng/ul	
91) Benzo(k)fluoranthene	23.614	252	234906	3.935	ng/ul	96
93) Benzo(a)pyrene	24.372	252	218371	3.939	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.926	276	246330m	3.622	ng/ul	
95) Dibenzo(a,h)anthracene	27.985	278	203286	3.667	ng/ul	98
96) Benzo(g,h,i)perylene	28.990	276	202882m	3.935	ng/ul	

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

