

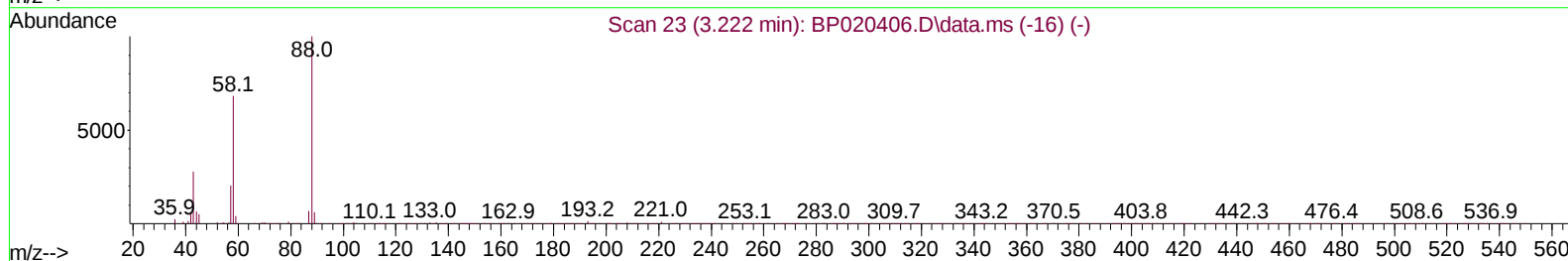
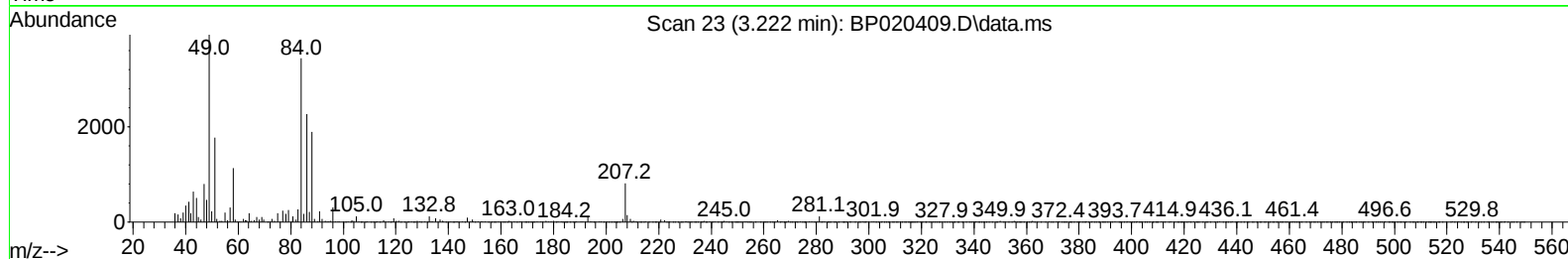
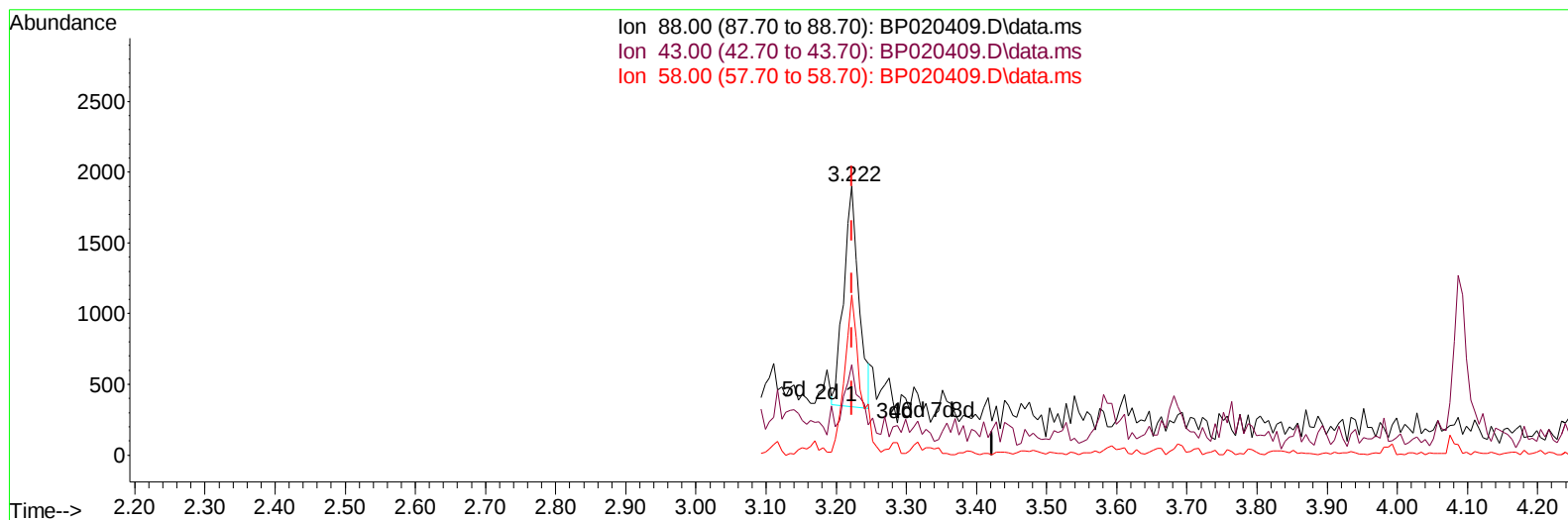
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(2) 1,4-Dioxane

3.222min (-0.000) 1.17 ng/uL

response 2338

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	33.51
58.00	72.80	59.60
0.00	0.00	0.00

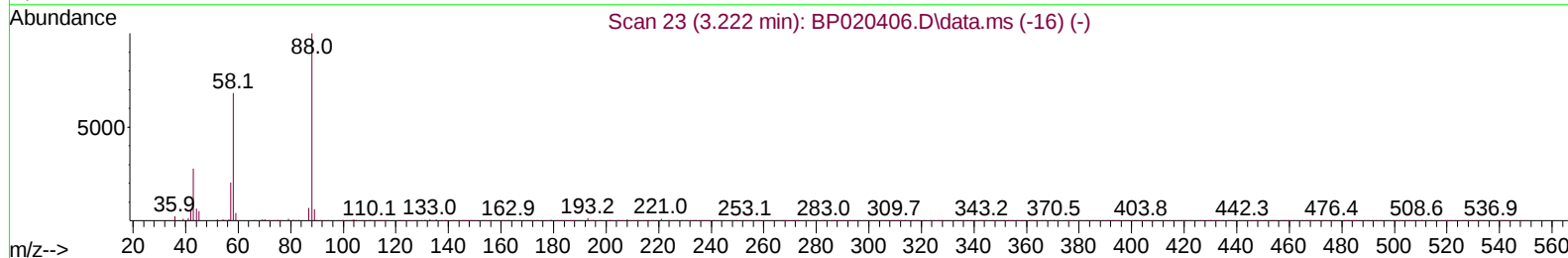
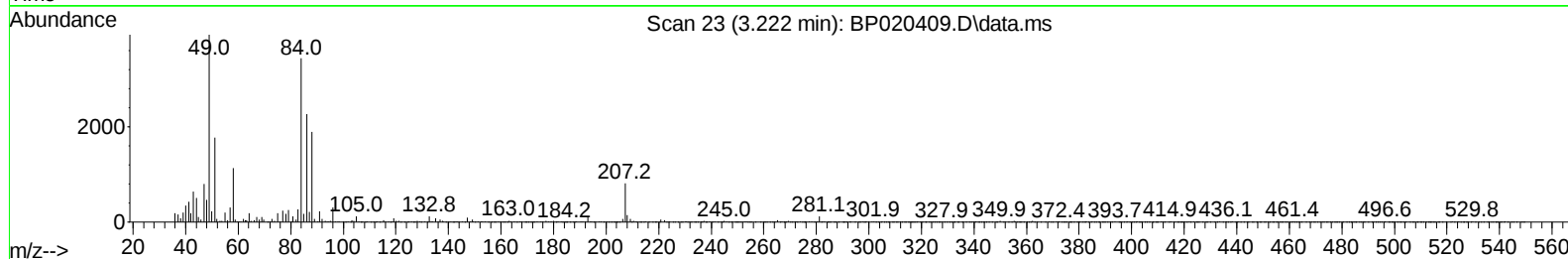
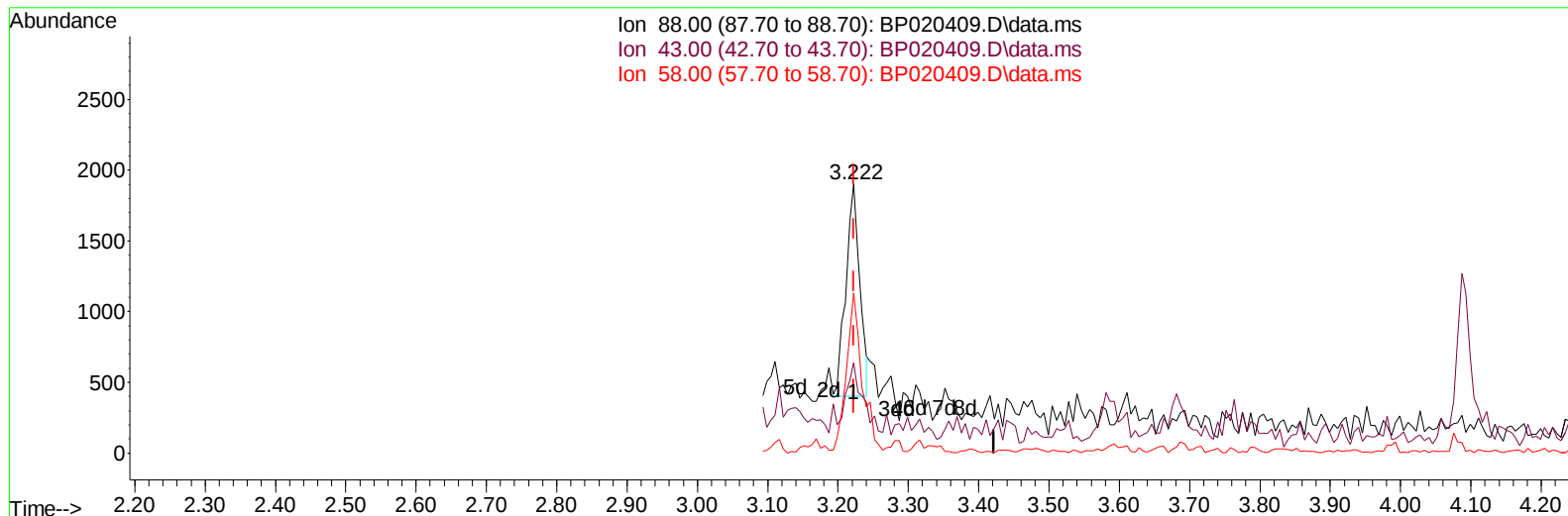
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(2) 1,4-Dioxane

3.222min (-0.000) 1.03 ng/uL m

response 2063

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	33.51
58.00	72.80	59.60
0.00	0.00	0.00

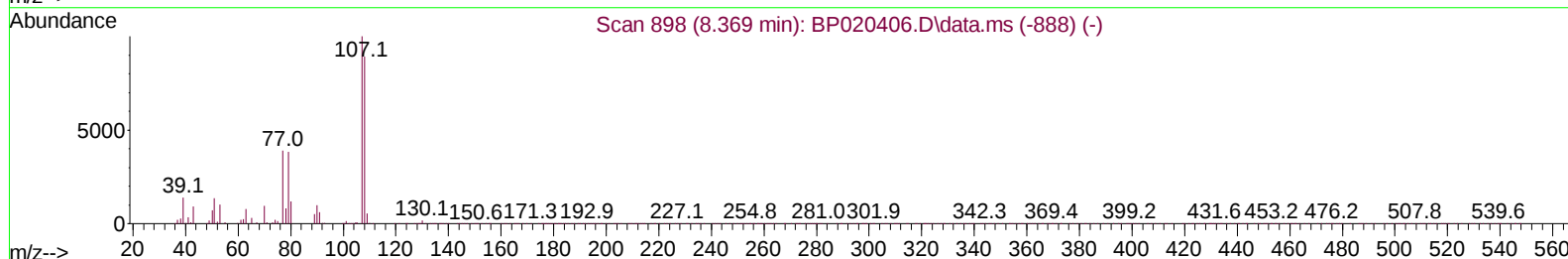
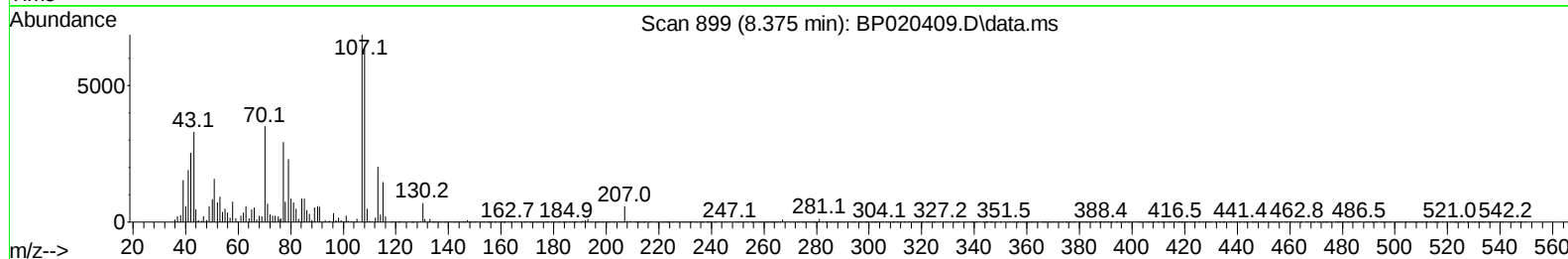
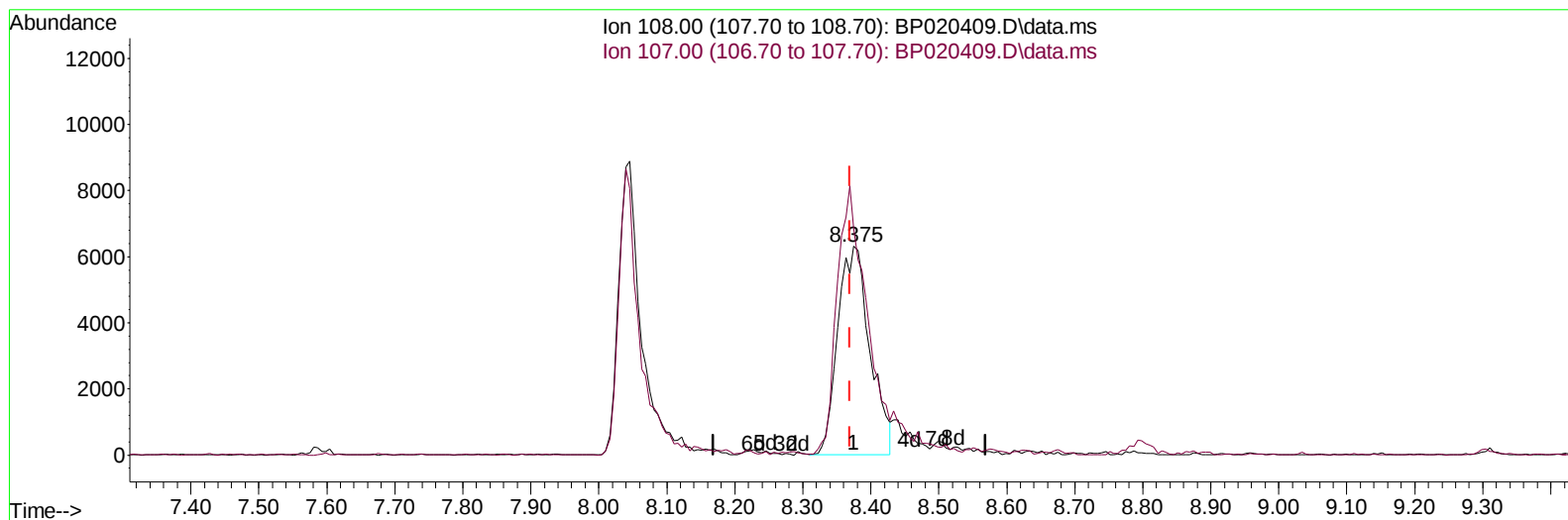
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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TIC: BP020409.D\data.ms

(18) 4-Methylphenol

8.375min (+ 0.006) 3.88 ng/u1

response 20697

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.20	108.62
0.00	0.00	0.00
0.00	0.00	0.00

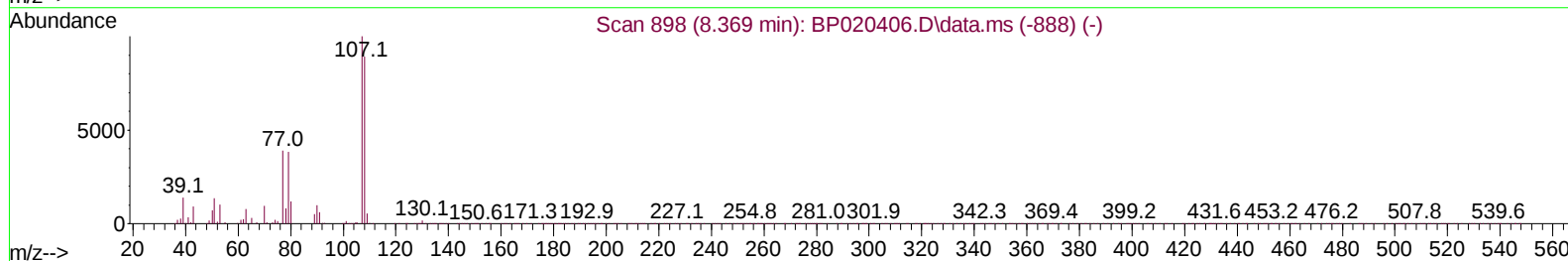
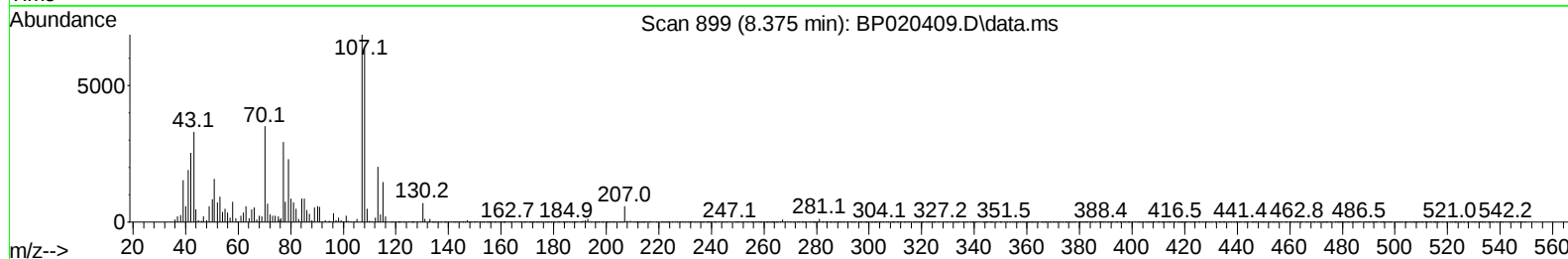
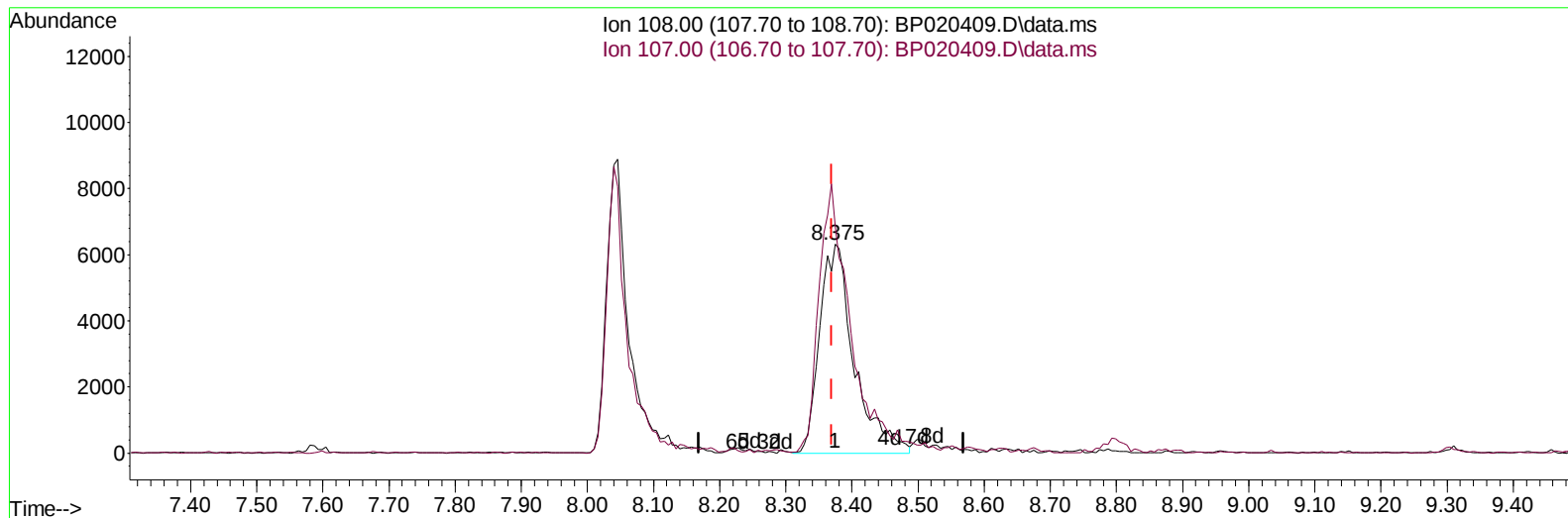
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
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Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
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Response via : Initial Calibration



TIC: BP020409.D\data.ms

(18) 4-Methylphenol

8.375min (+ 0.006) 4.27 ng/u1 m

response 22776

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.20	108.62
0.00	0.00	0.00
0.00	0.00	0.00

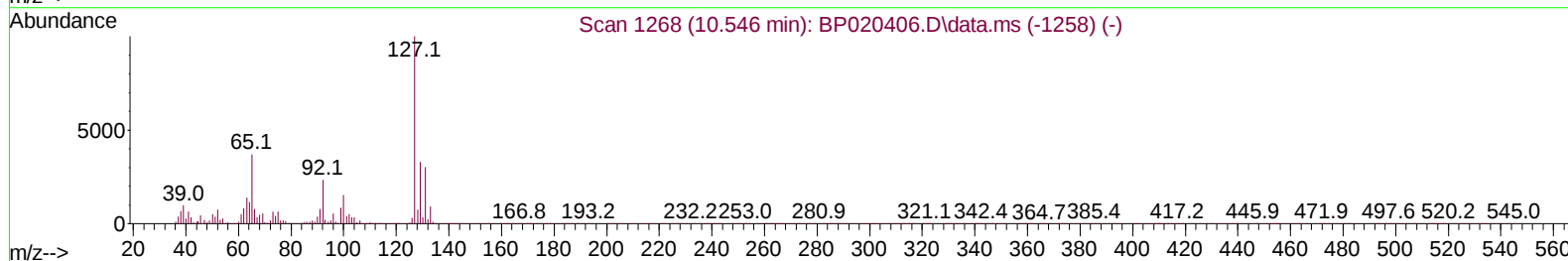
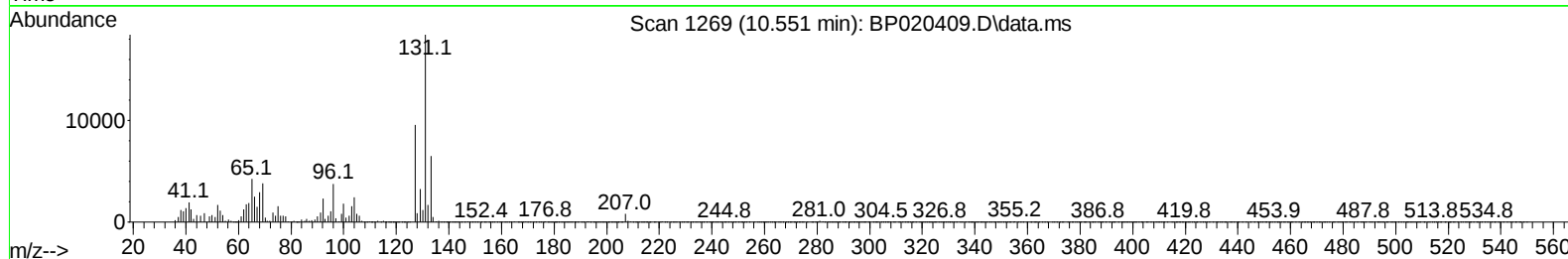
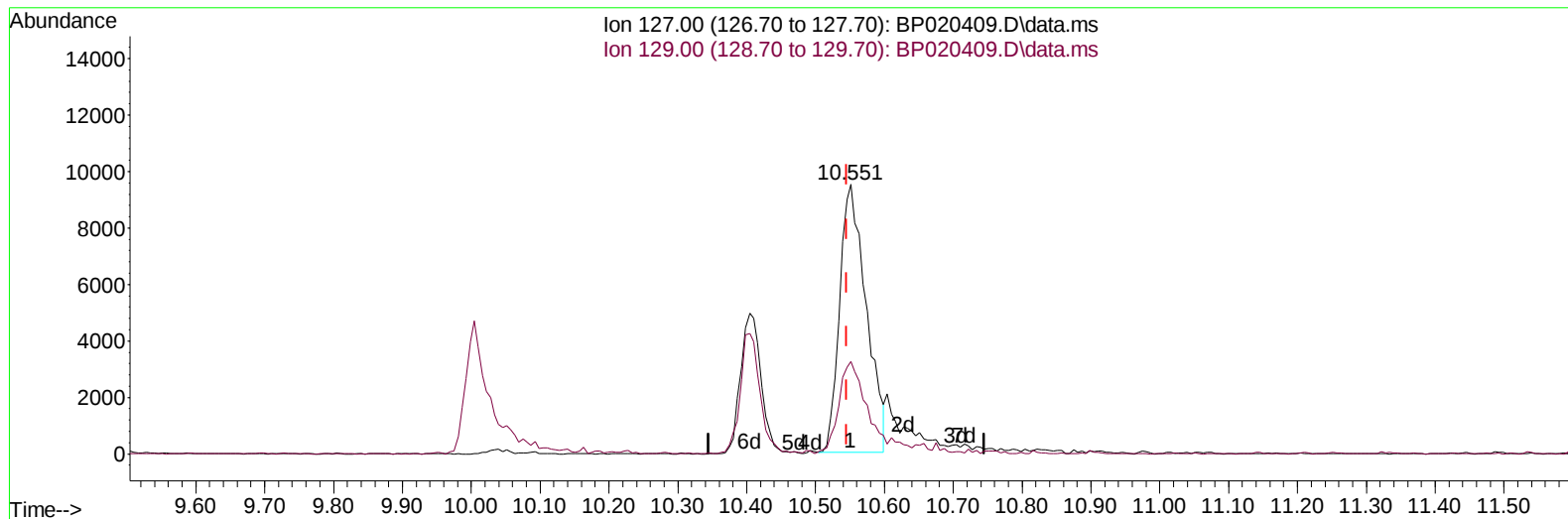
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

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TIC: BP020409.D\data.ms

(32) 4-Chloroaniline**10.551min (+ 0.006) 3.78 ng/ul****response 25332**

Ion	Exp%	Act%
127.00	100.00	100.00
129.00	31.00	34.36
0.00	0.00	0.00
0.00	0.00	0.00

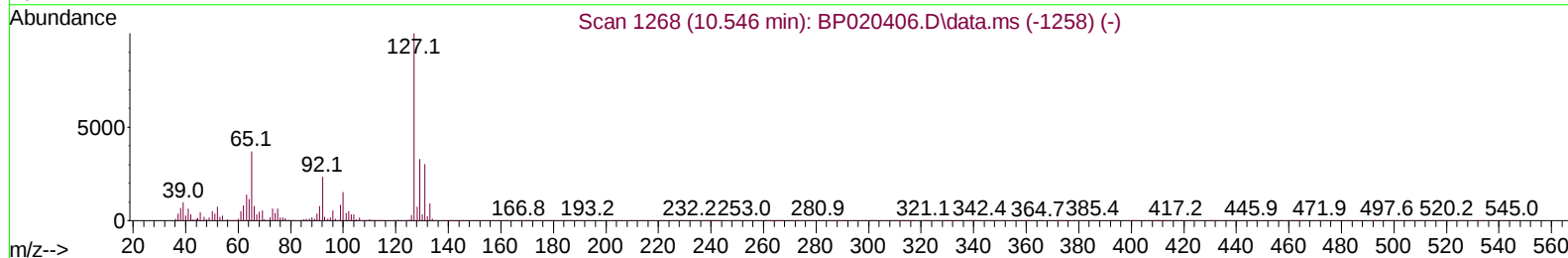
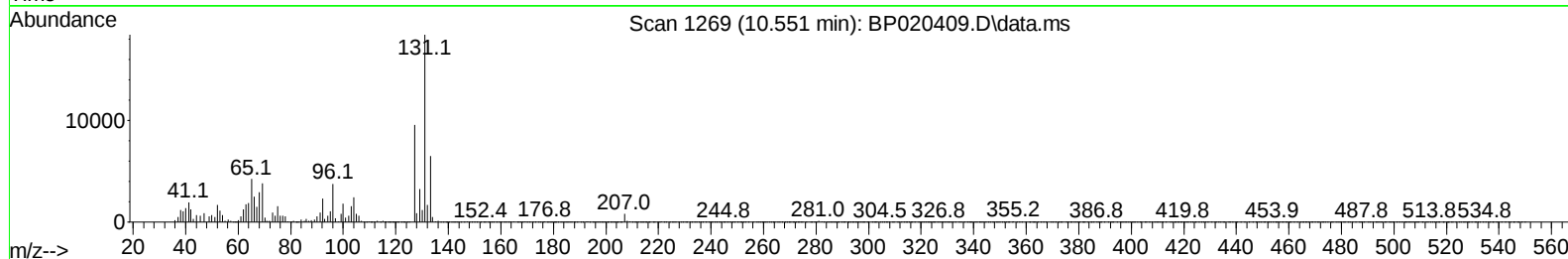
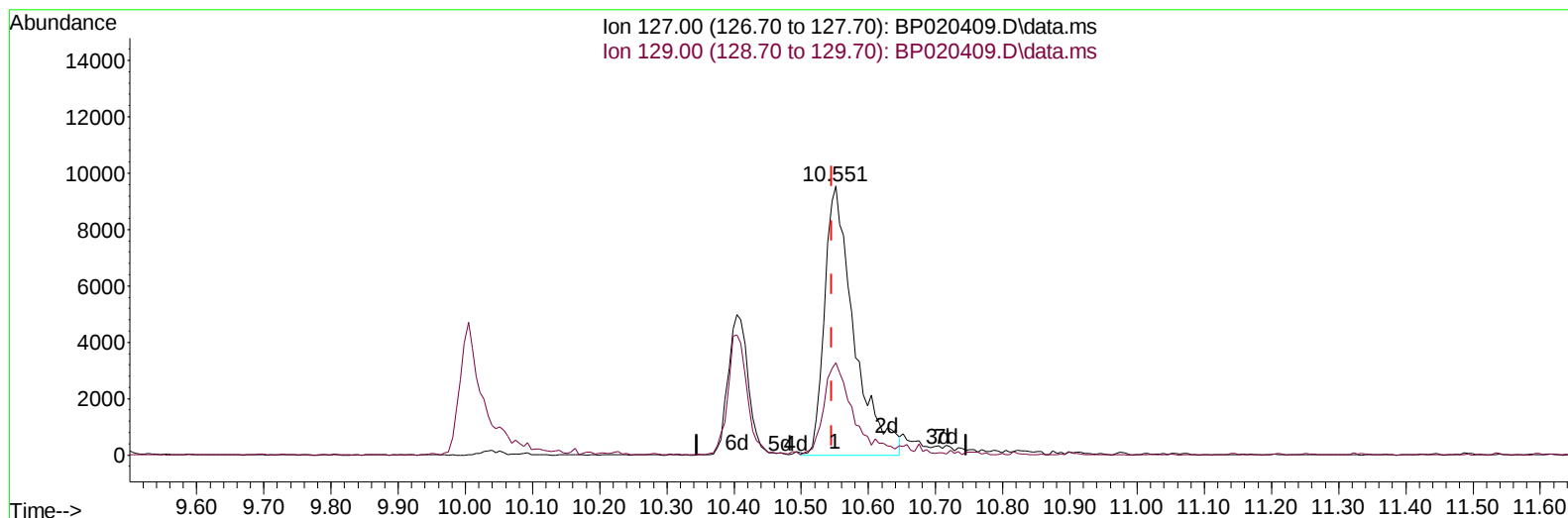
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 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
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Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(32) 4-Chloroaniline

10.551min (+ 0.006) 4.30 ng/ul m

response 28806

Ion	Exp%	Act%
127.00	100.00	100.00
129.00	31.00	34.36
0.00	0.00	0.00
0.00	0.00	0.00

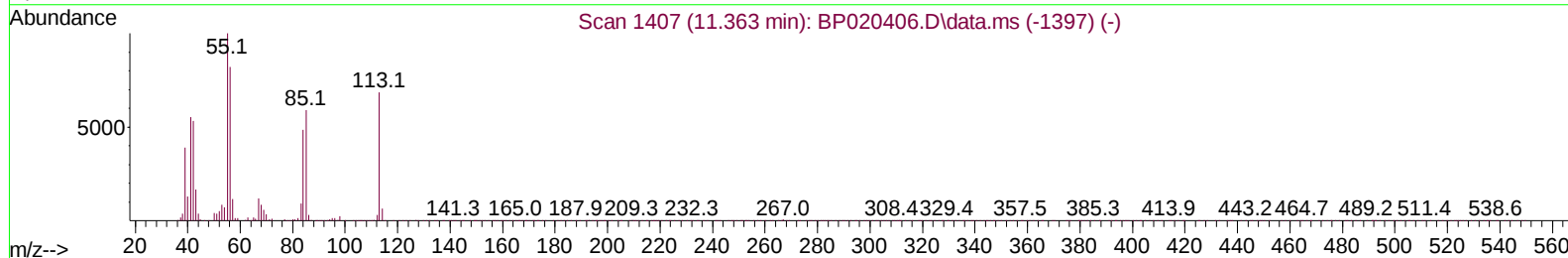
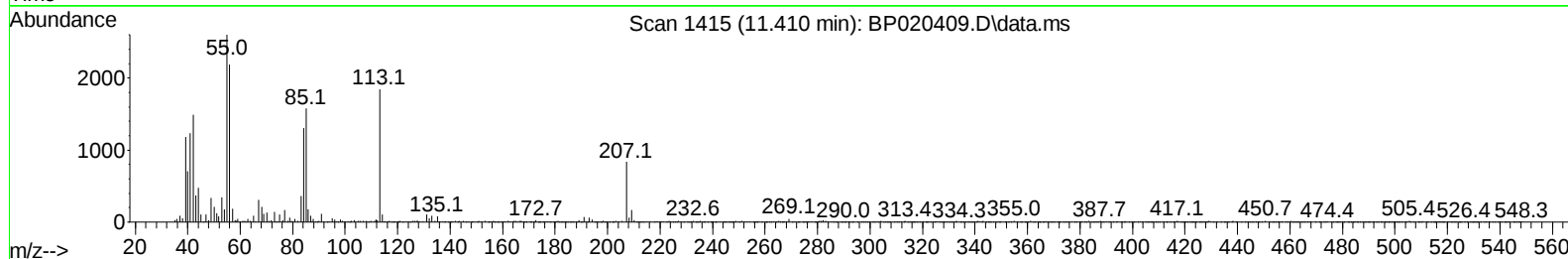
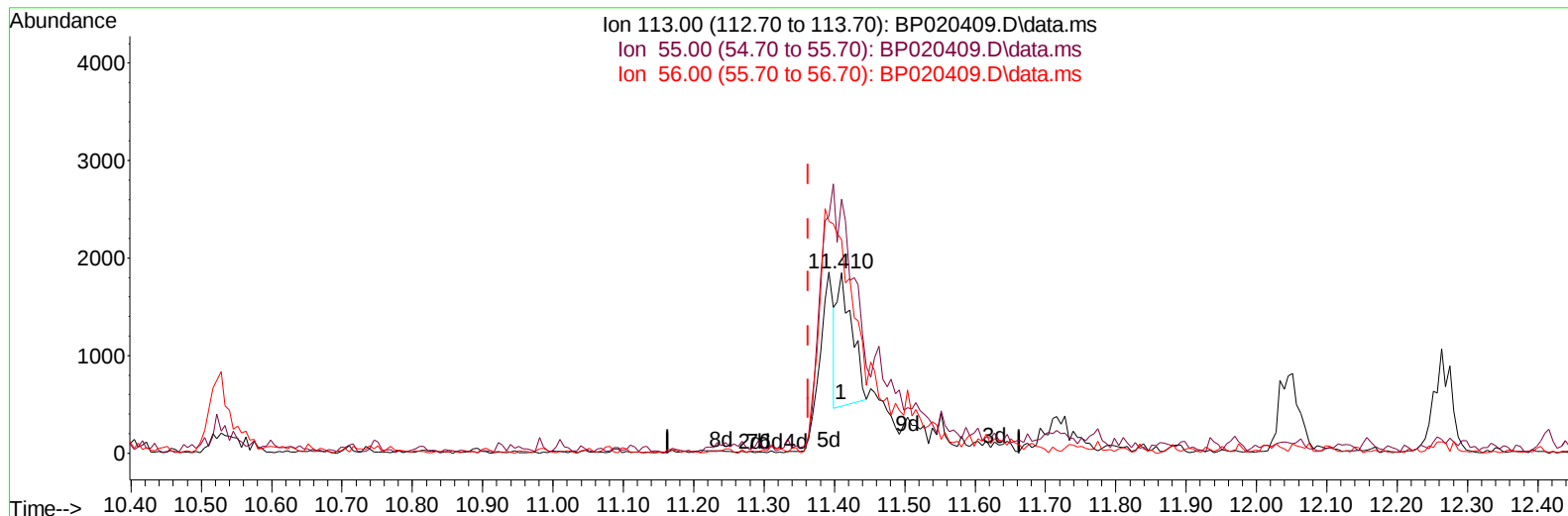
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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Manual IntegrationsAPPROVED

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TIC: BP020409.D\data.ms

(34) Caprolactam

11.410min (+ 0.047) 1.21 ng/ul

response 2016

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	140.88
56.00	131.80	118.35
0.00	0.00	0.00

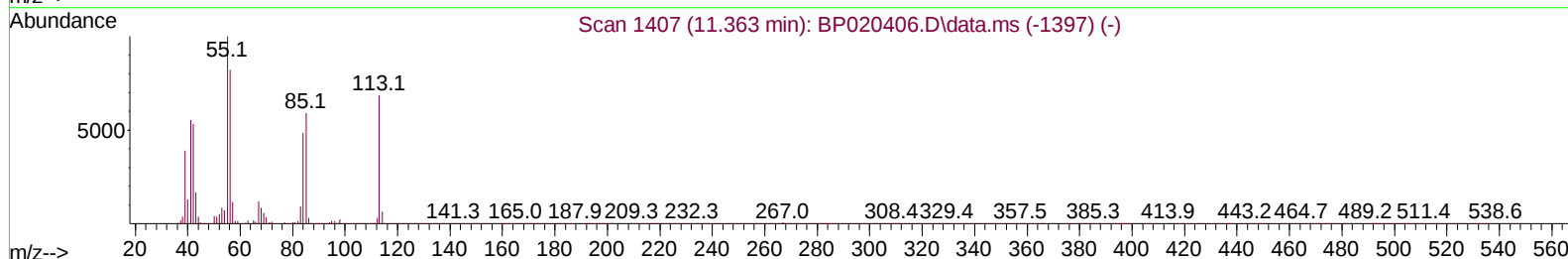
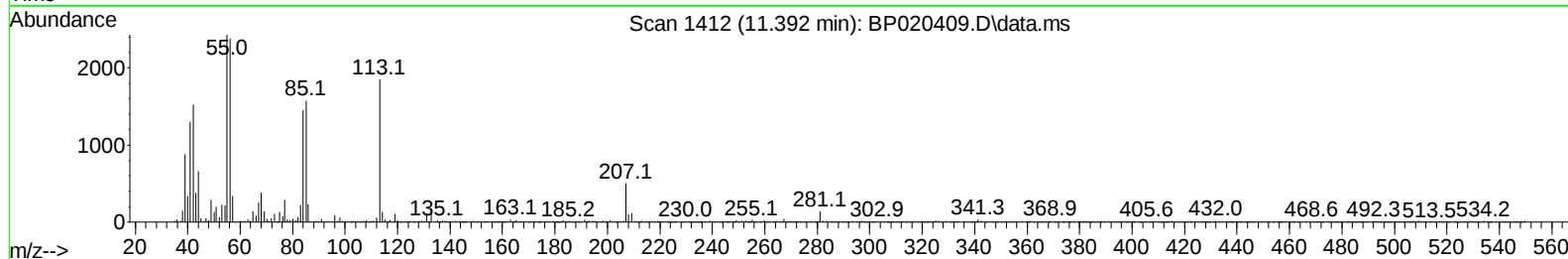
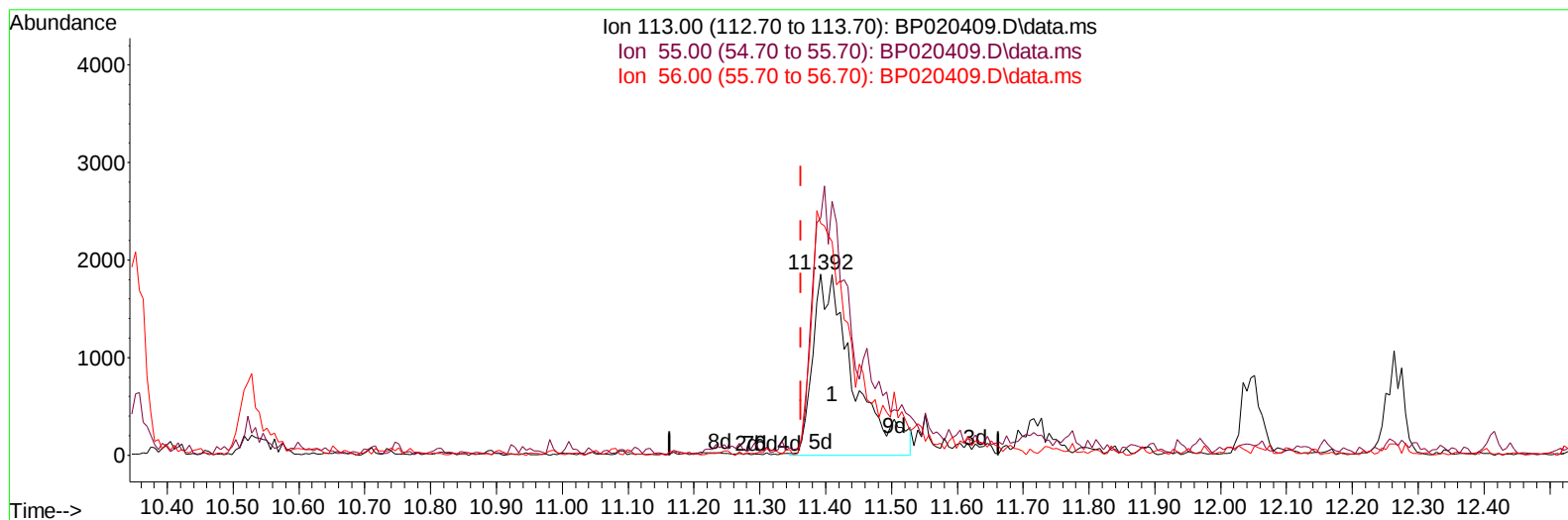
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(34) Caprolactam

11.392min (+ 0.029) 4.74 ng/ul m

response 7882

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	130.86#
56.00	131.80	128.00
0.00	0.00	0.00

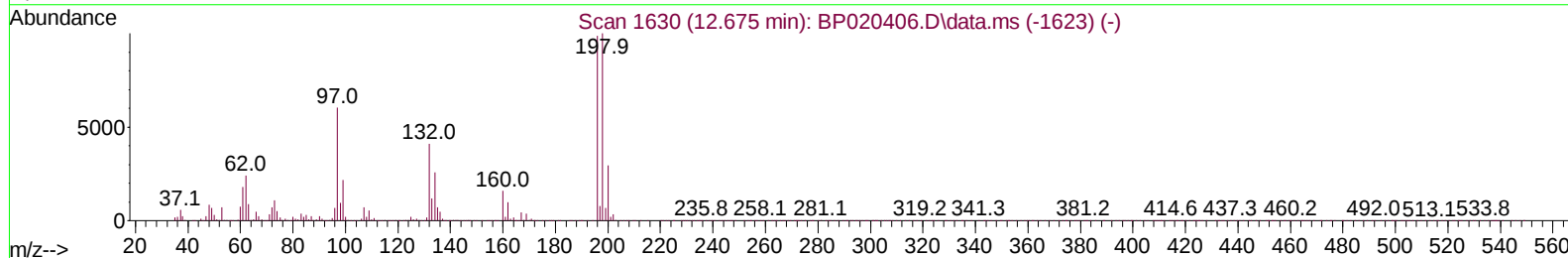
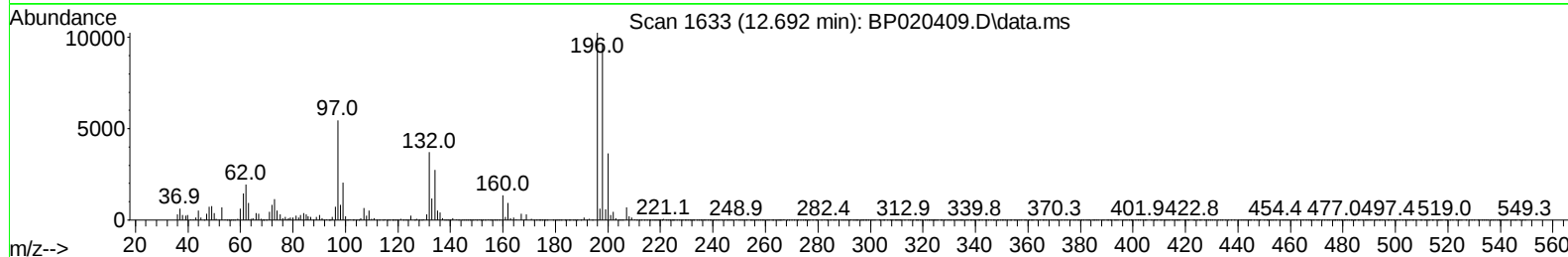
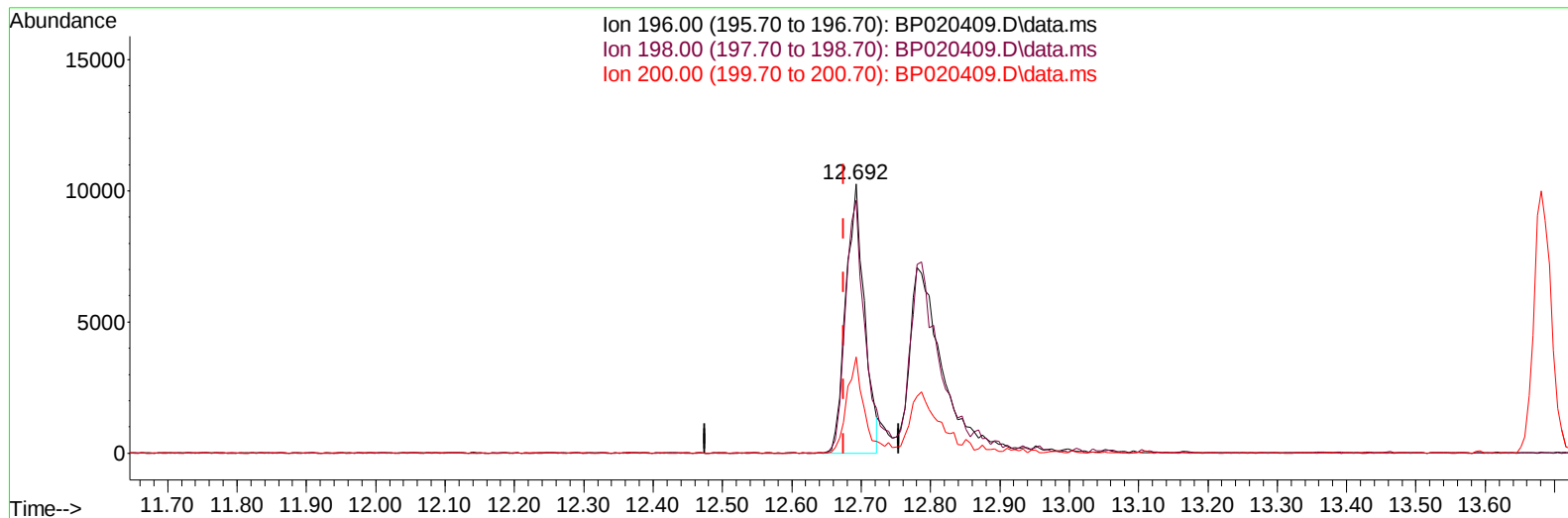
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
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Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP020409.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.692min (+ 0.018) 4.25 ng/u1

response 18988

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.80	93.90
200.00	31.00	35.63
0.00	0.00	0.00

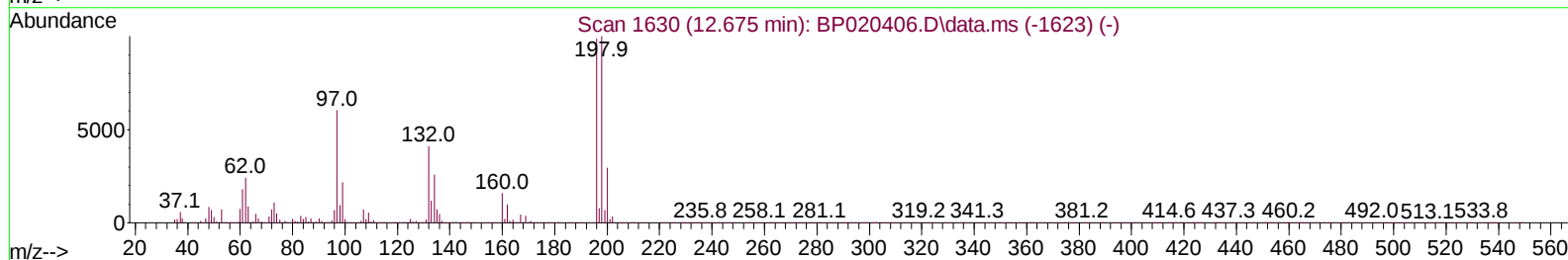
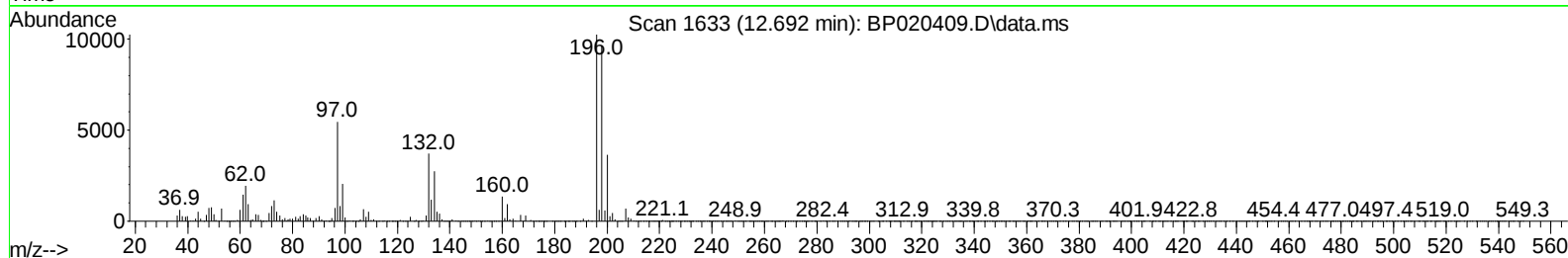
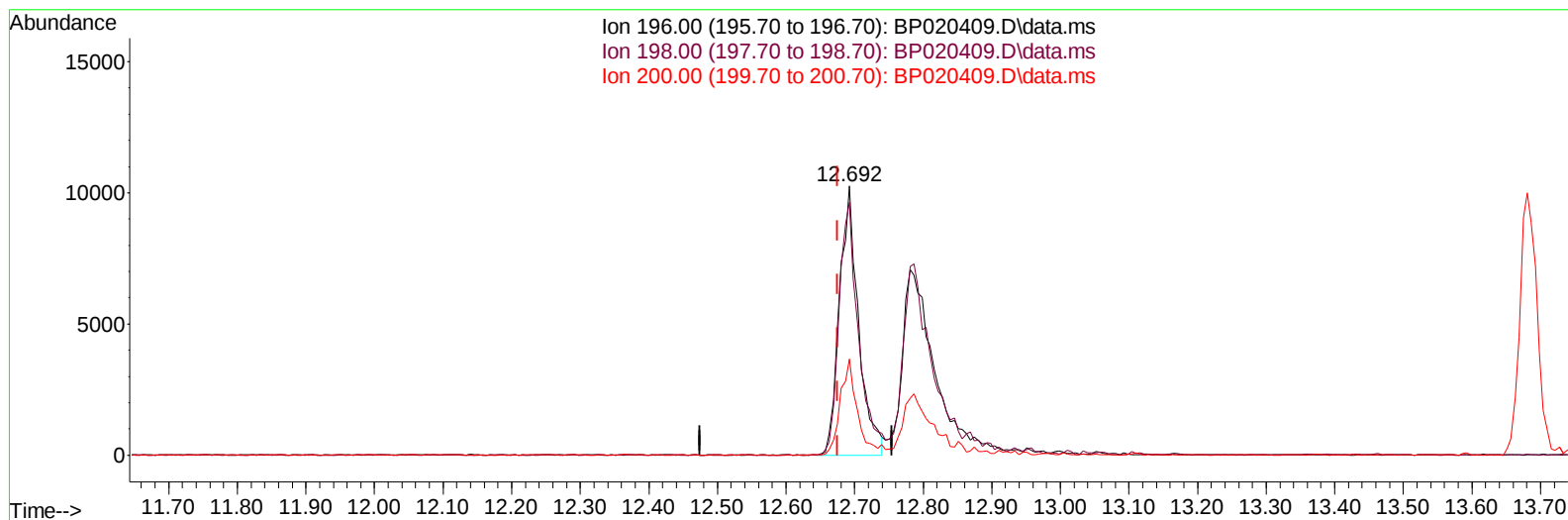
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/18/2024

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BP020409.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.692min (+ 0.018) 4.48 ng/ul m

response 19993

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.80	93.90
200.00	31.00	35.63
0.00	0.00	0.00

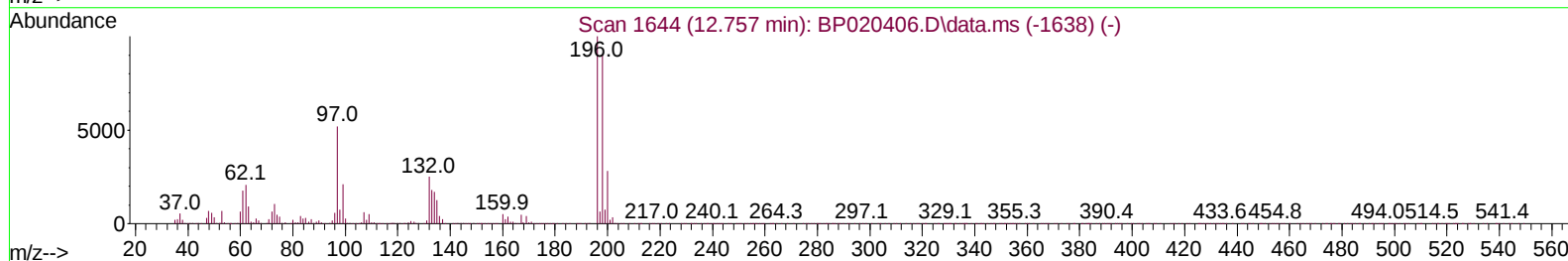
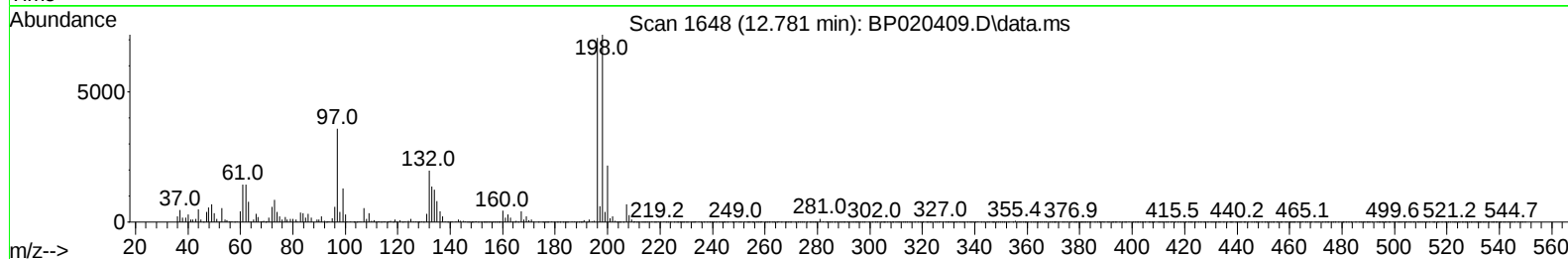
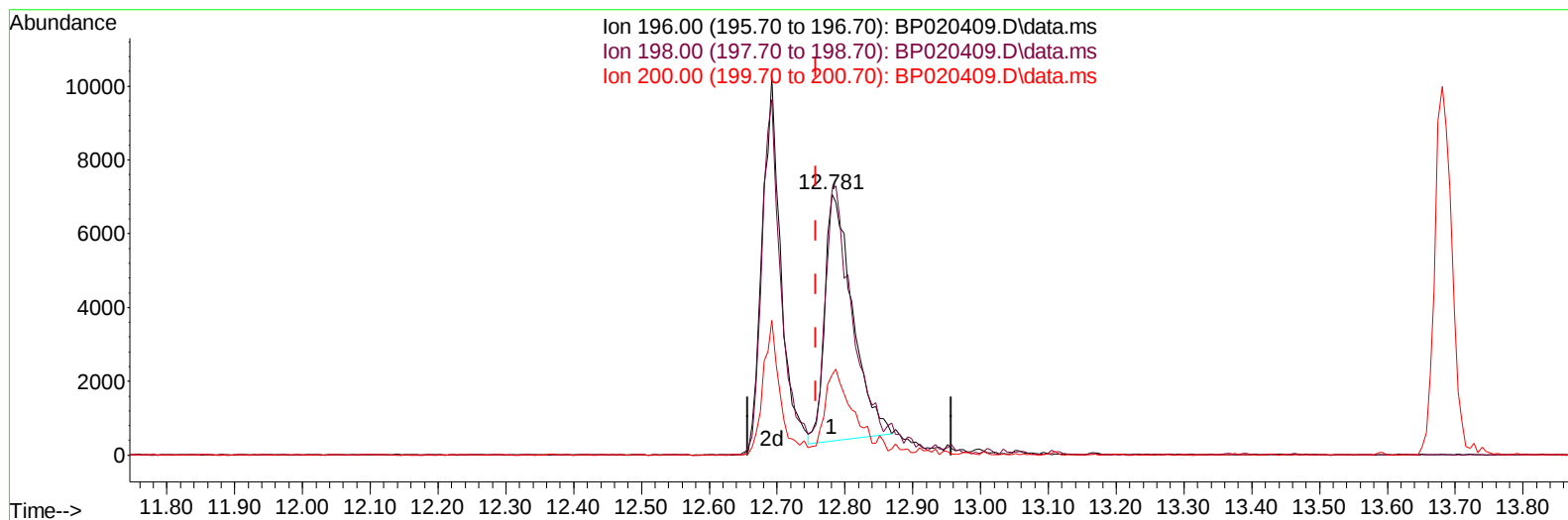
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 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP020409.D\data.ms

(42) 2,4,5-Trichlorophenol

12.781min (+ 0.023) 3.95 ng/u1

response 18971

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	91.90	101.78
200.00	30.50	30.77
0.00	0.00	0.00

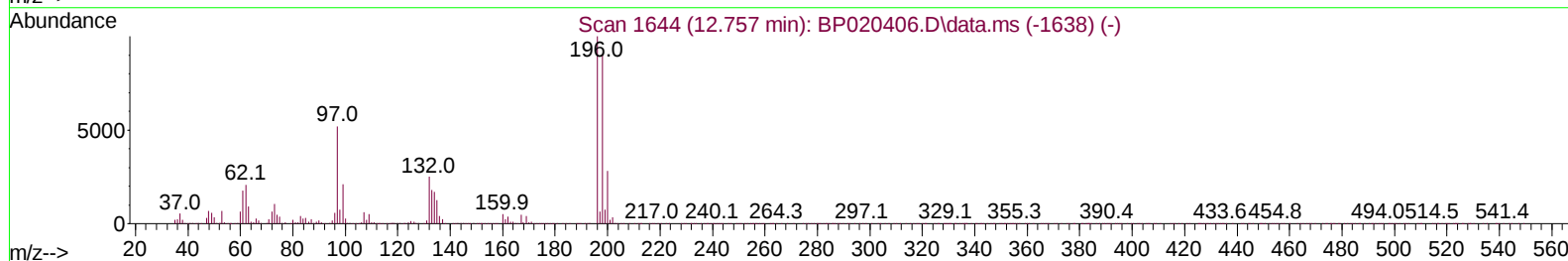
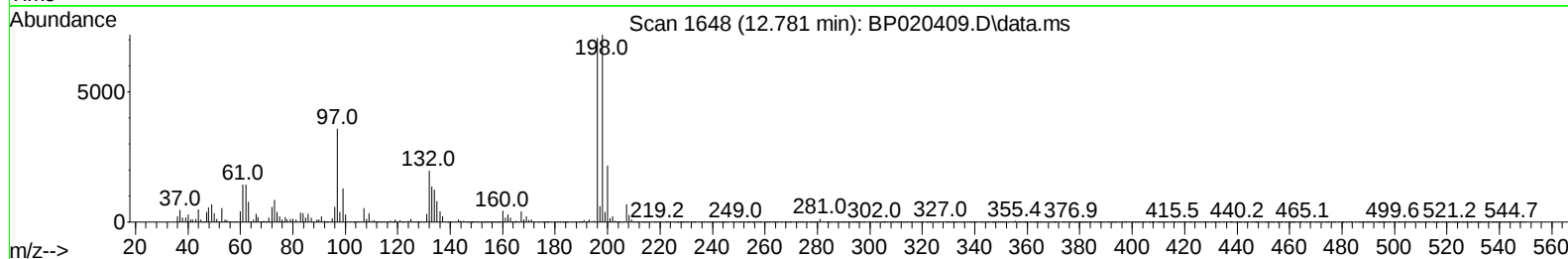
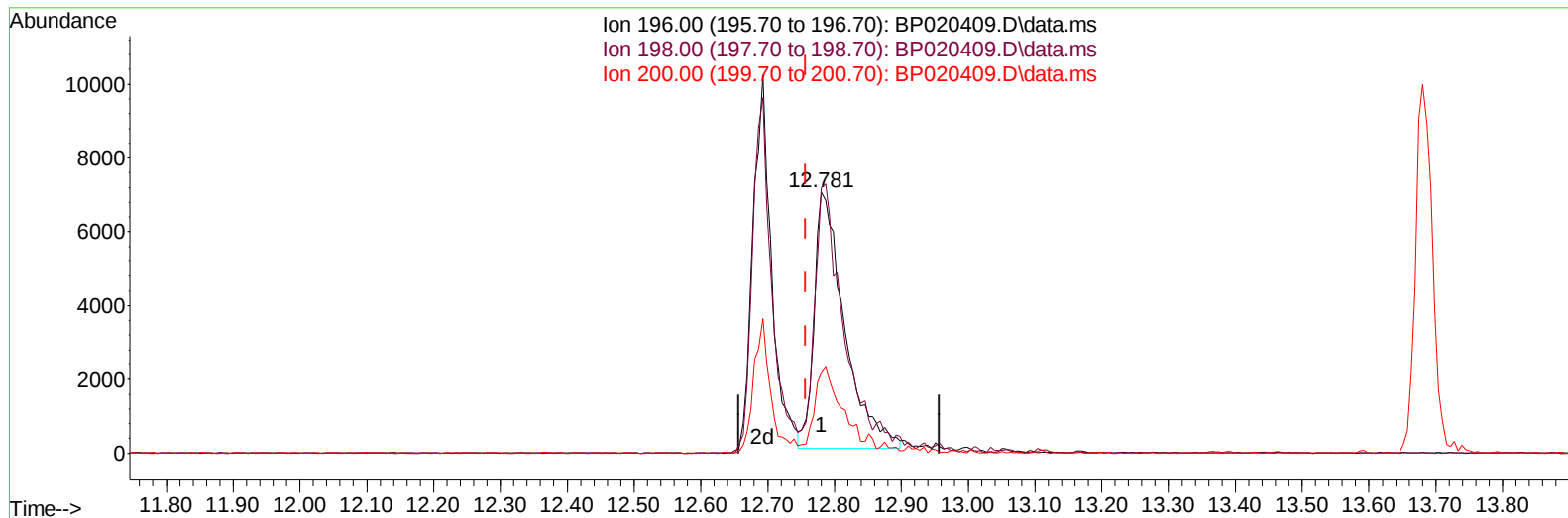
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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Instrument :
 BNA_P
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(42) 2,4,5-Trichlorophenol

12.781min (+ 0.023) 4.55 ng/ul m

response 21871

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	91.90	101.78
200.00	30.50	30.77
0.00	0.00	0.00

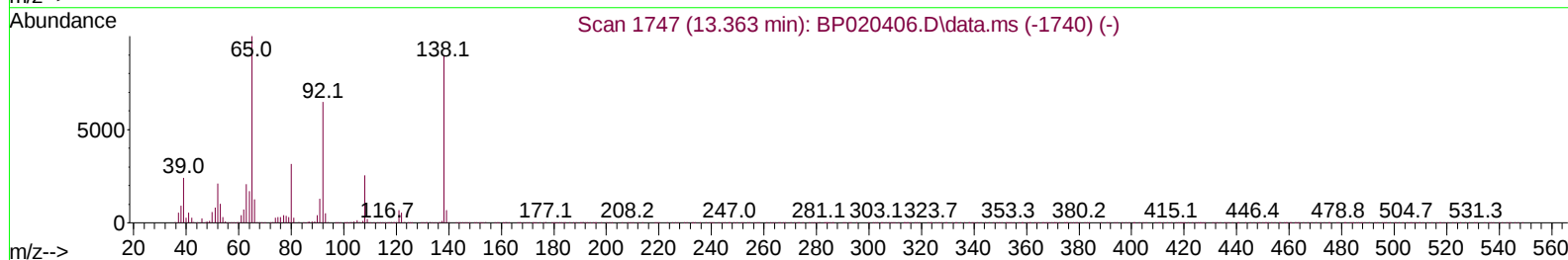
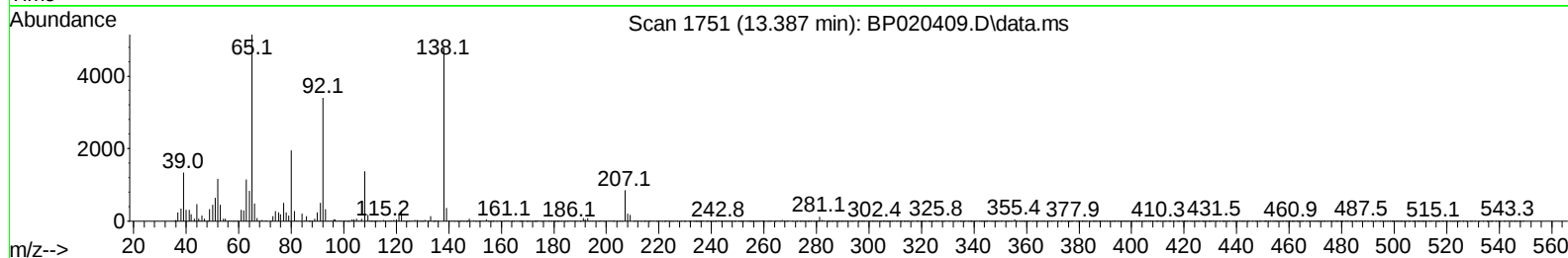
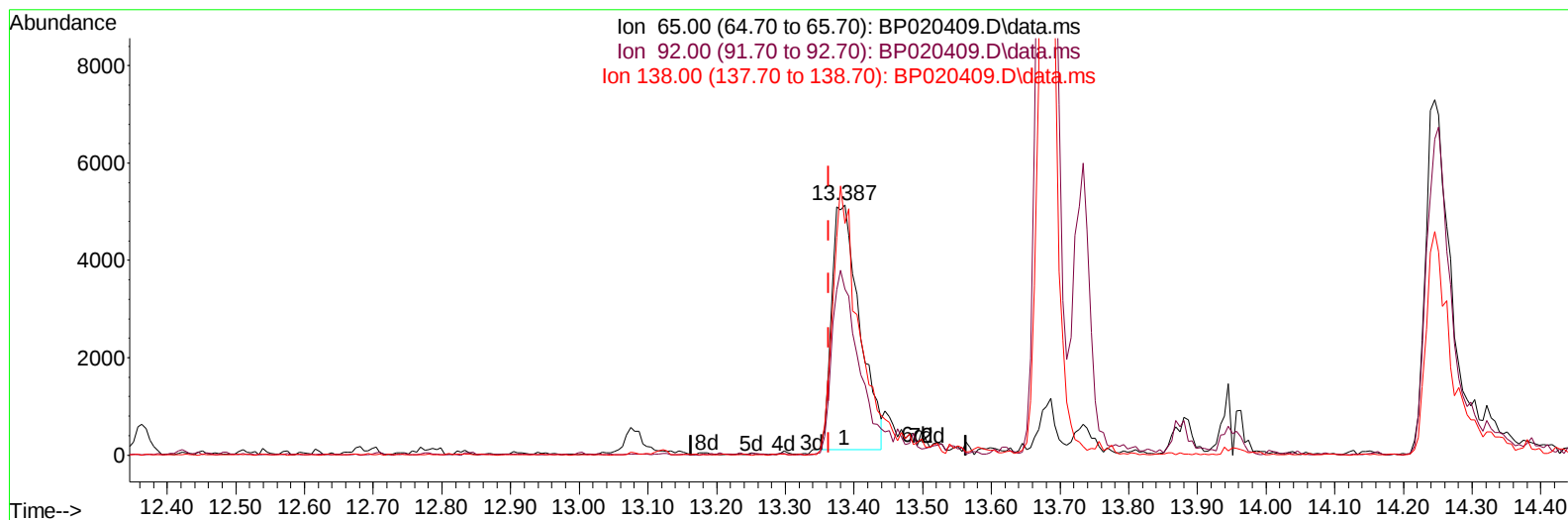
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 Misc : SFAM-MDL-SOIL-01
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Instrument :
 BNA_P
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 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(45) 2-Nitroaniline

13.387min (+ 0.023) 3.36 ng/ul

response 14264

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	69.50	66.23
138.00	91.40	92.57
0.00	0.00	0.00

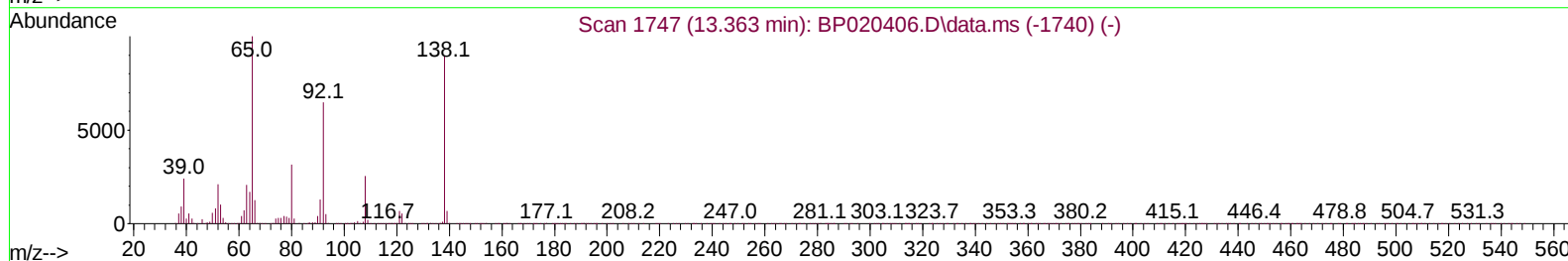
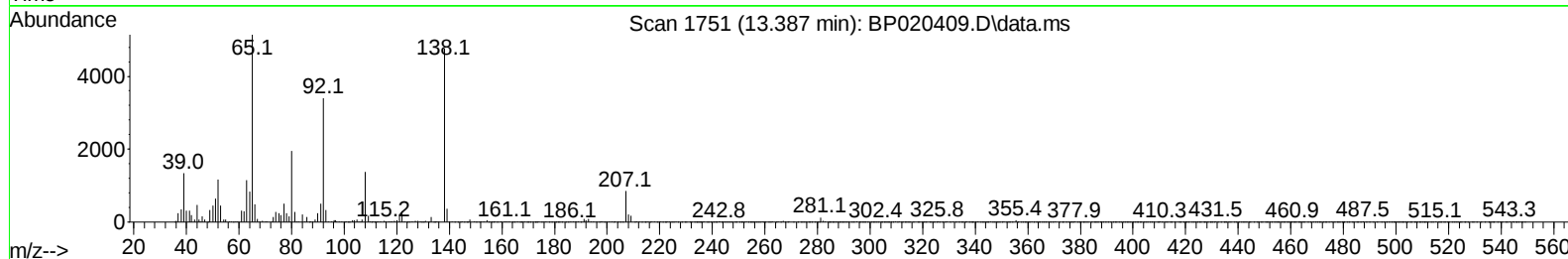
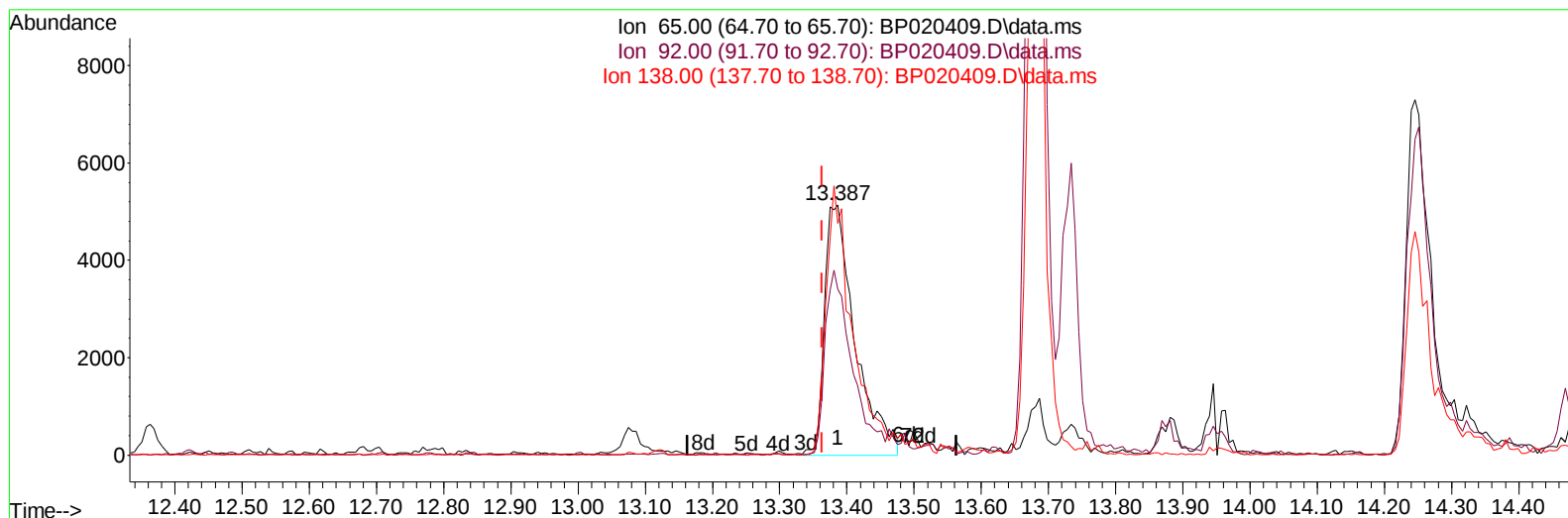
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(45) 2-Nitroaniline

13.387min (+ 0.023) 3.81 ng/ul m

response 16202

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	69.50	66.23
138.00	91.40	92.57
0.00	0.00	0.00

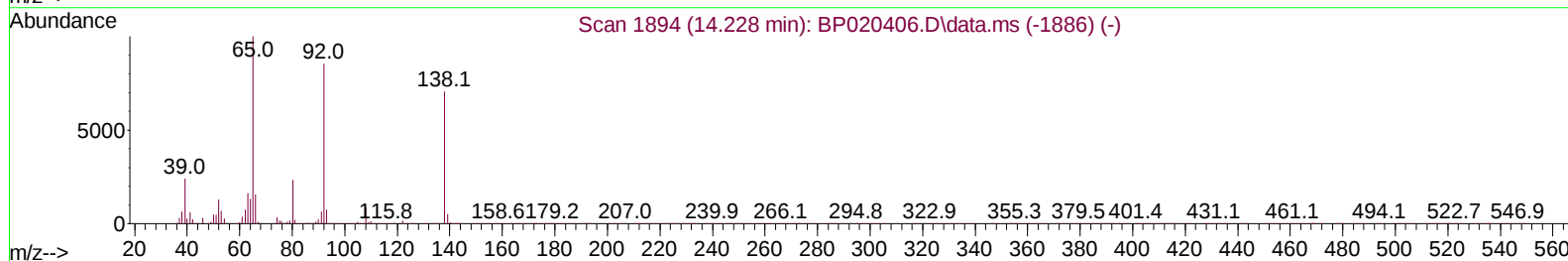
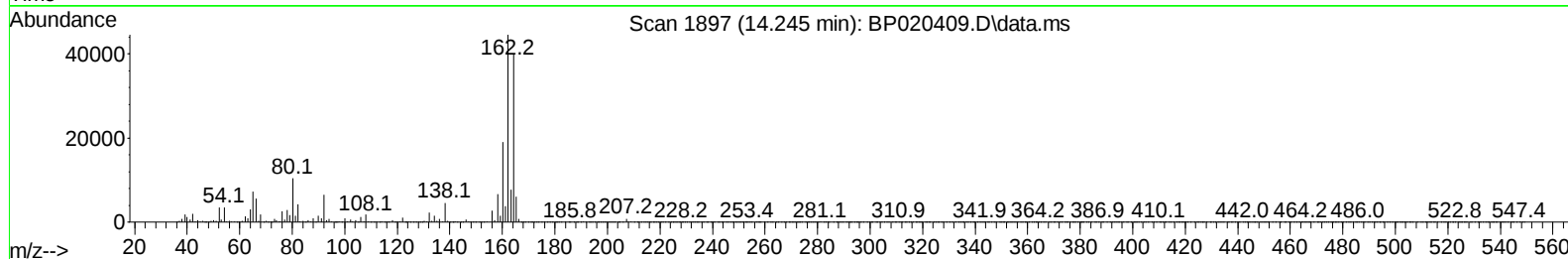
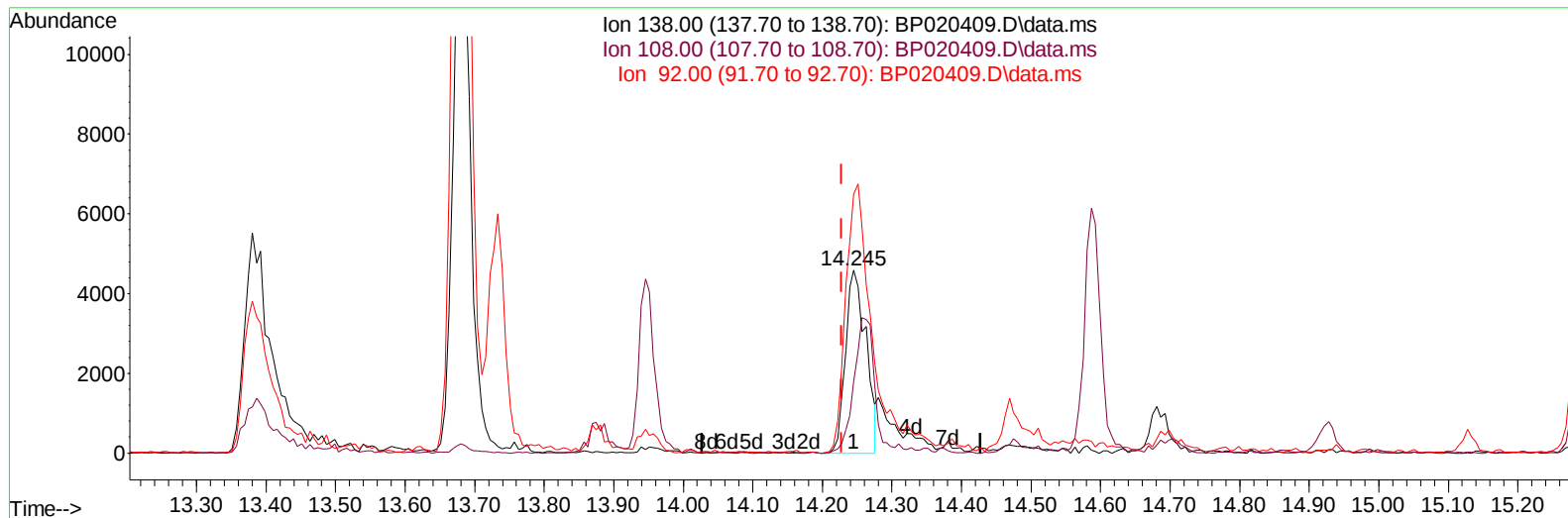
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(51) 3-Nitroaniline

14.245min (+ 0.018) 3.01 ng/ul

response 9403

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	13.50	38.92#
92.00	129.10	141.38
0.00	0.00	0.00

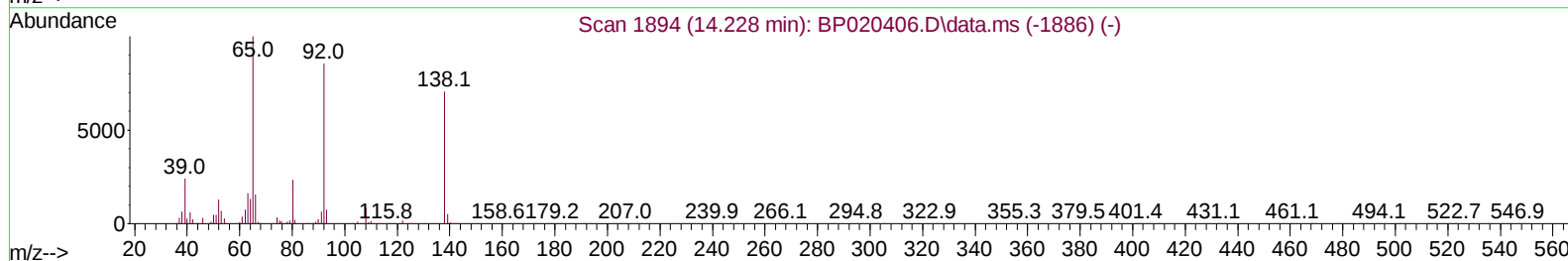
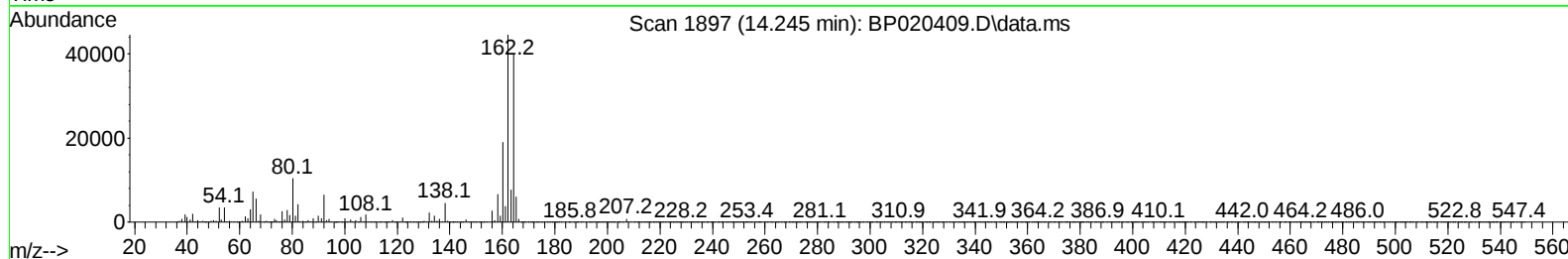
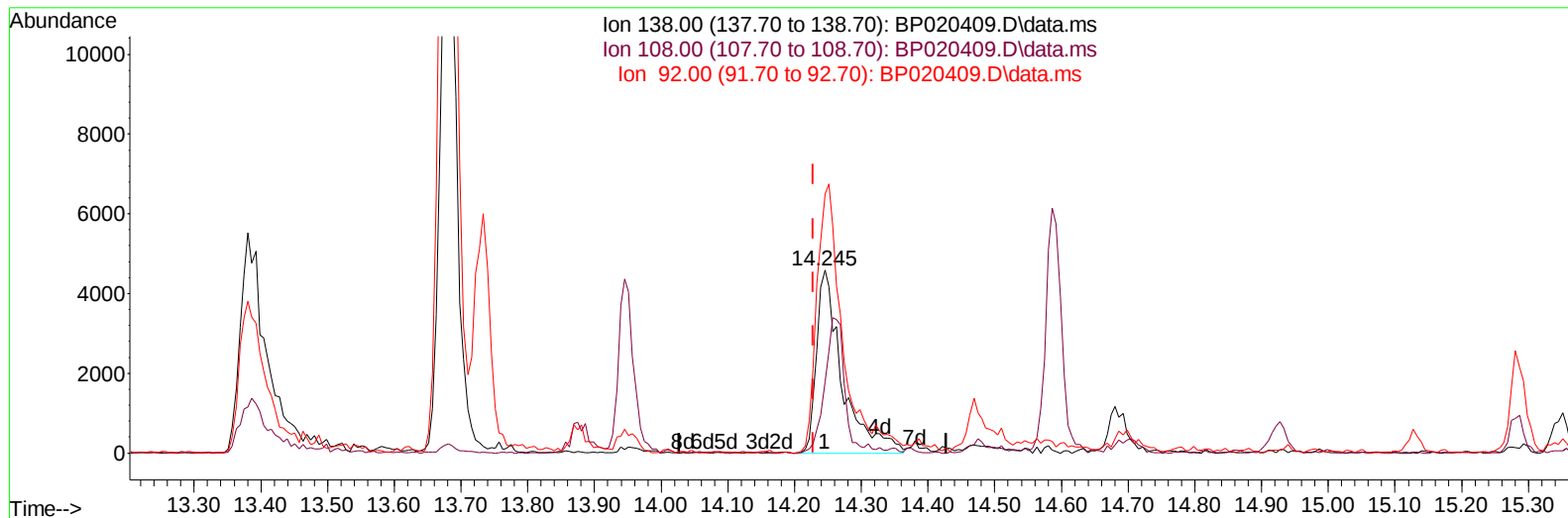
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(51) 3-Nitroaniline

14.245min (+ 0.018) 3.95 ng/ul m

response 12347

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	13.50	38.92#
92.00	129.10	141.38
0.00	0.00	0.00

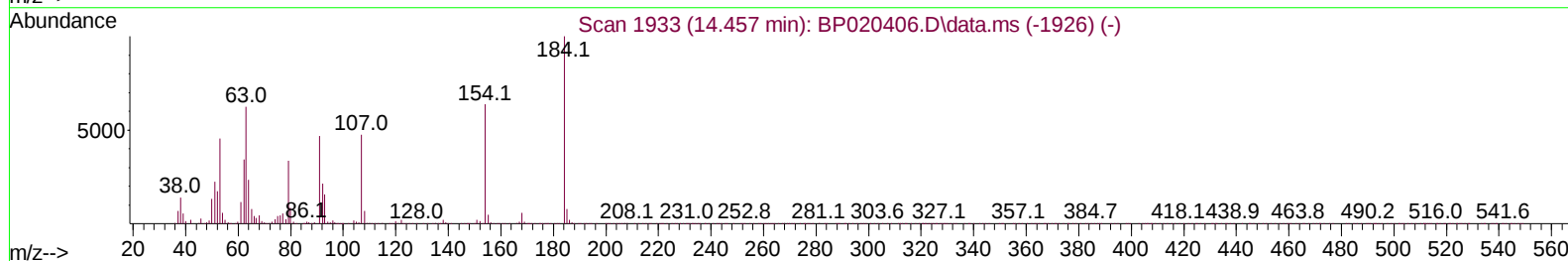
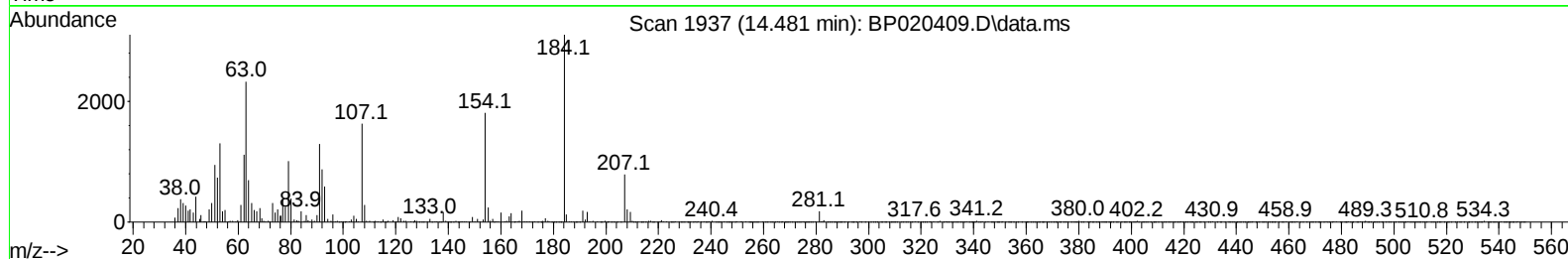
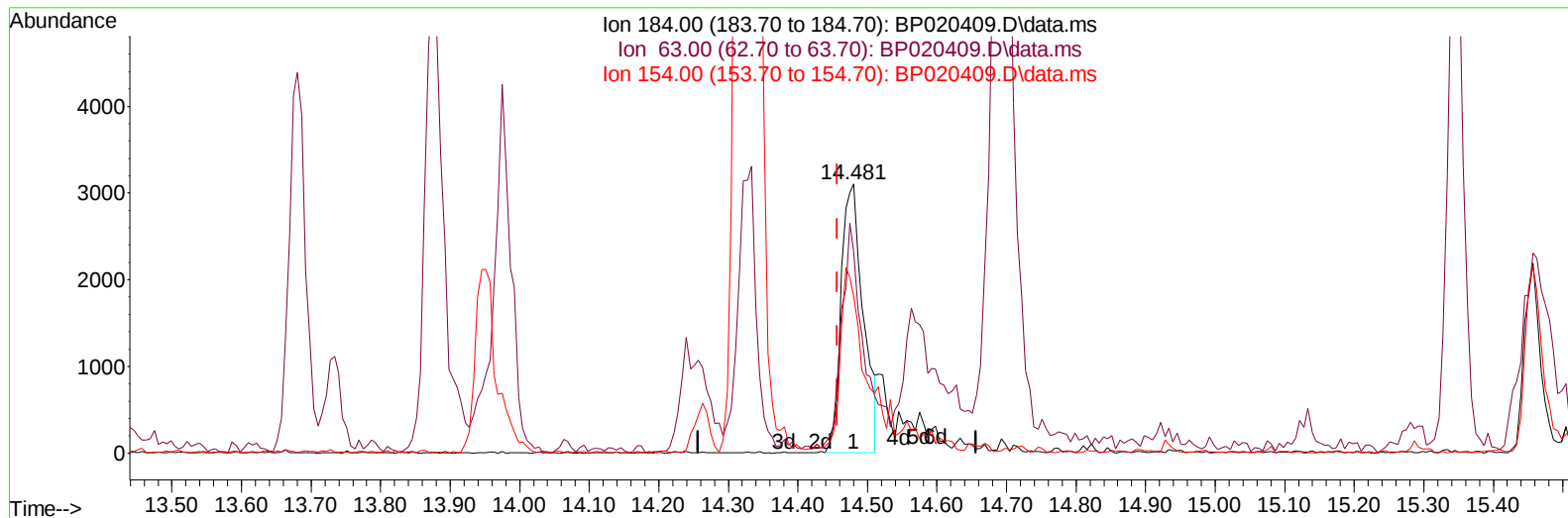
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(53) 2,4-Dinitrophenol

14.481min (+ 0.023) 3.32 ng/ul

response 6822

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.00	75.08
154.00	67.30	58.38
0.00	0.00	0.00

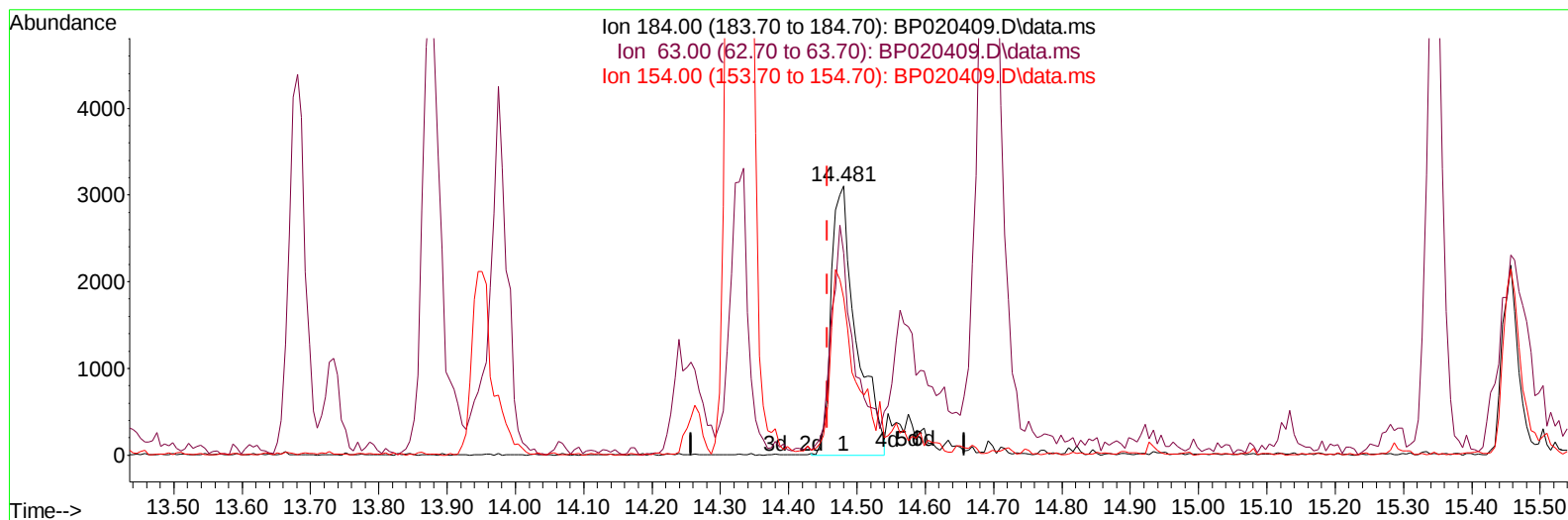
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



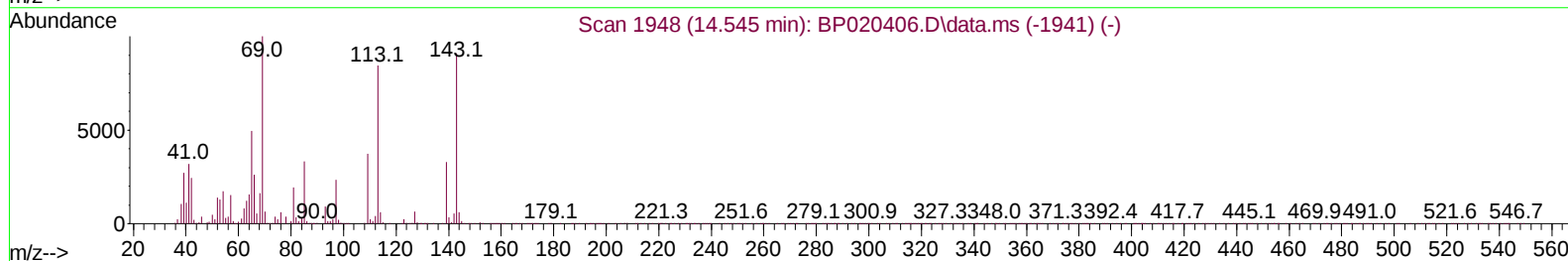
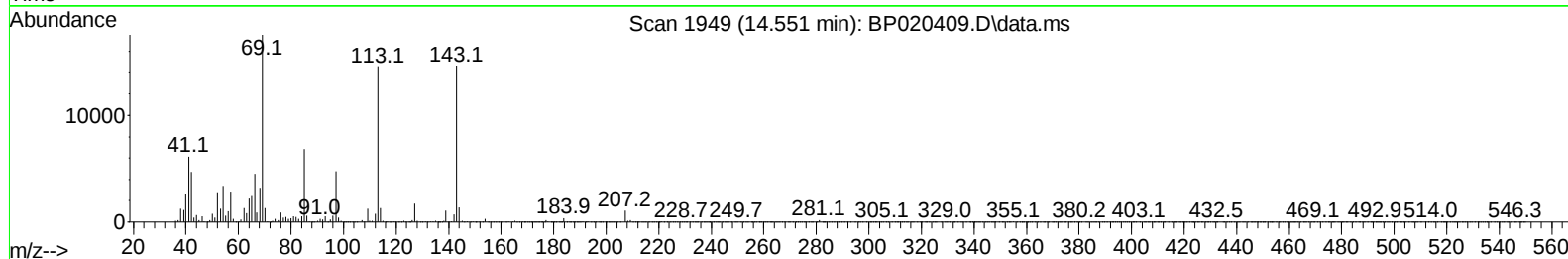
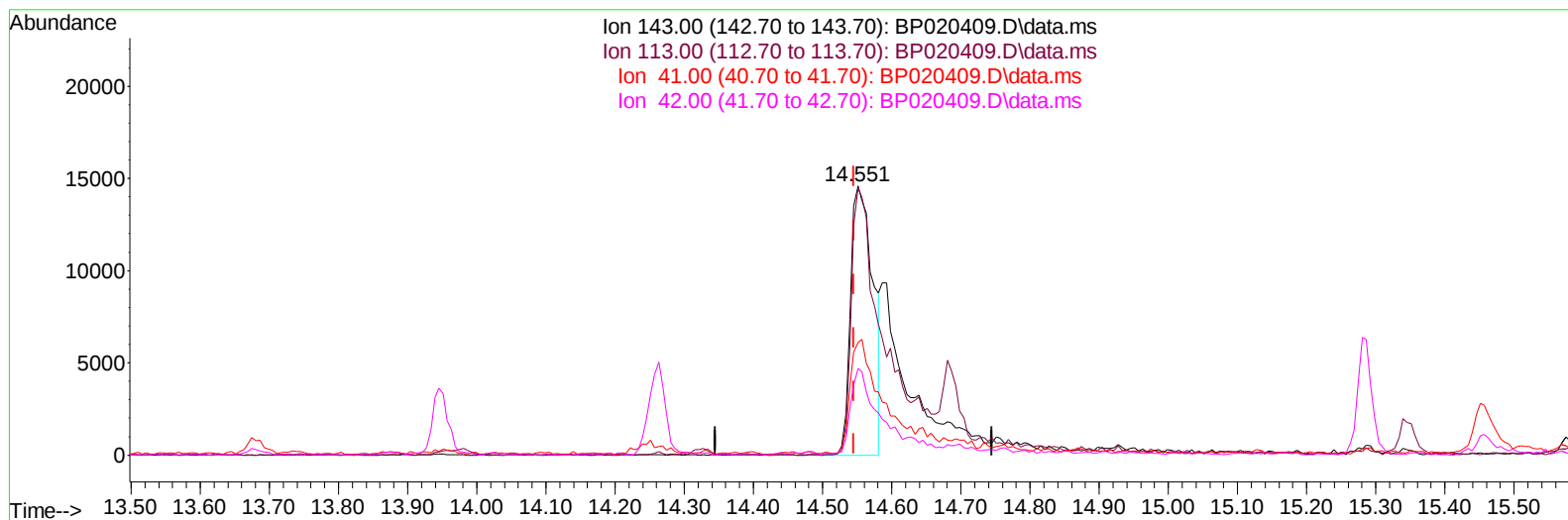
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration



TIC: BP020409.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.551min (+ 0.006) 12.81 ng/ul

response 32827

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	99.47
41.00	50.30	41.98
42.00	32.50	32.11

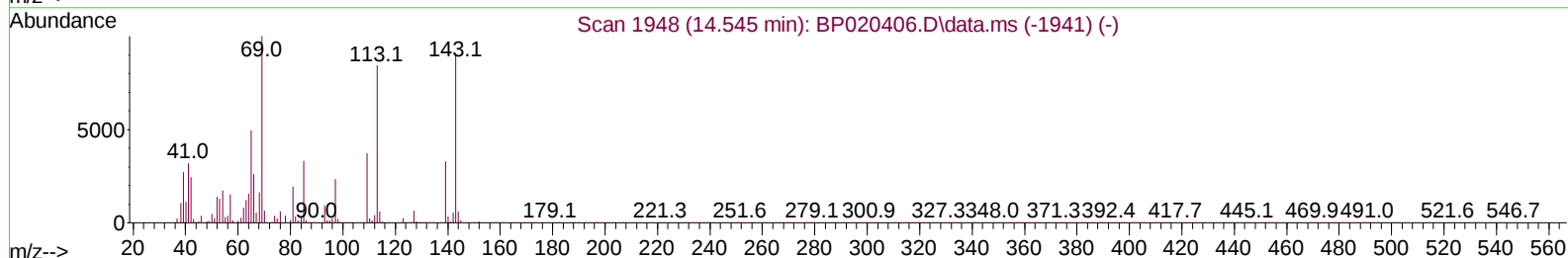
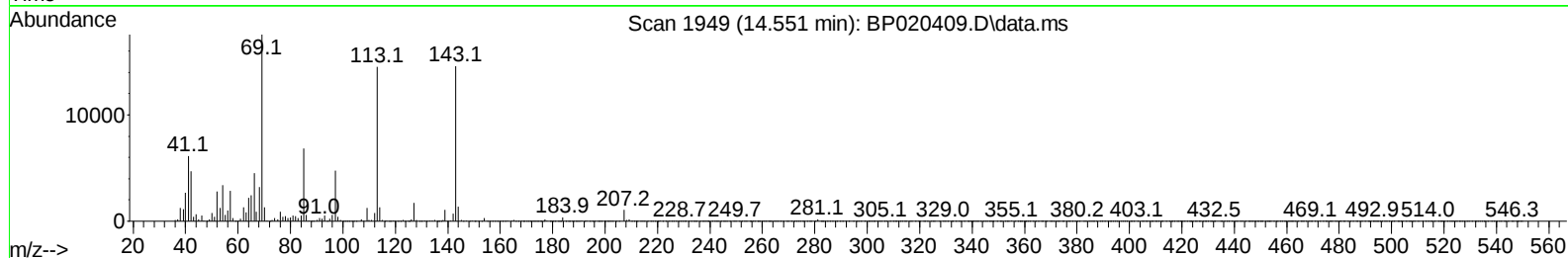
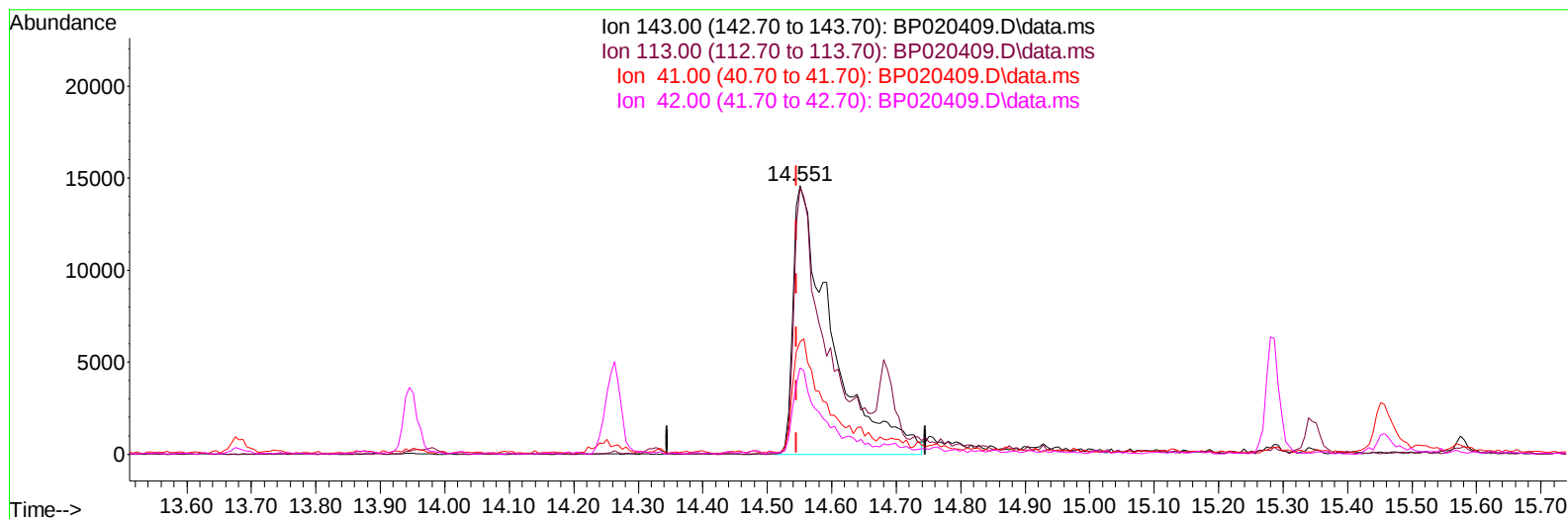
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.551min (+ 0.006) 23.60 ng/ul m

response 60483

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	99.47
41.00	50.30	41.98
42.00	32.50	32.11

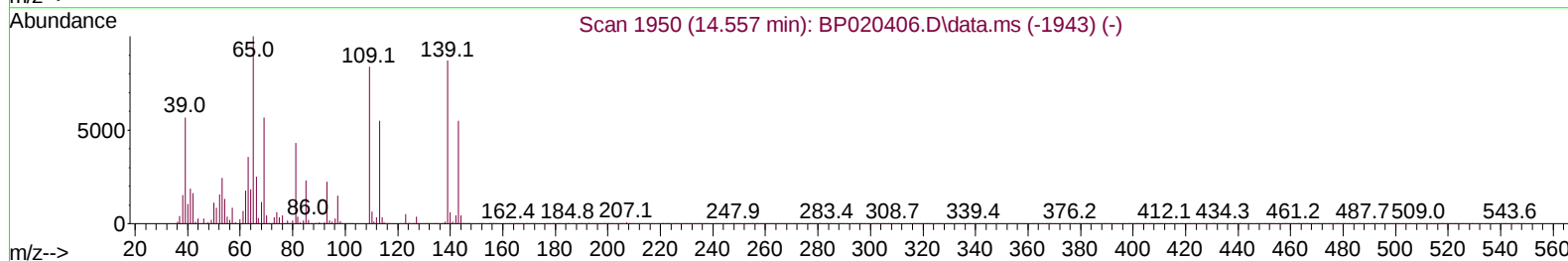
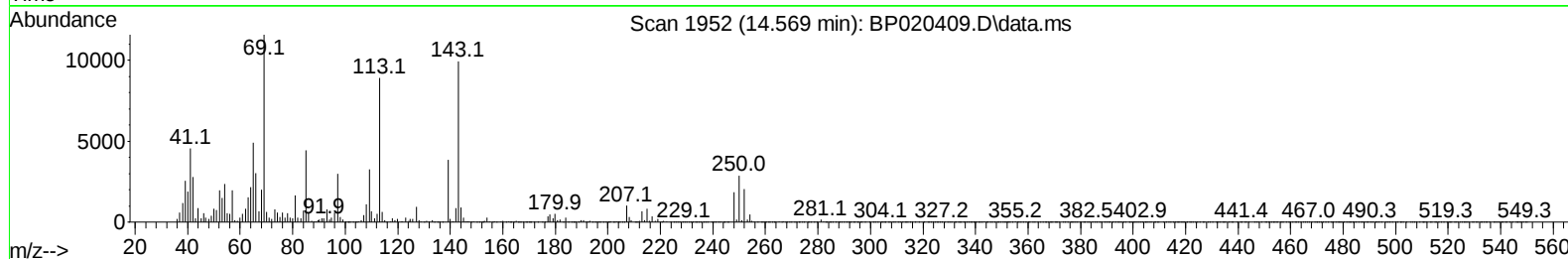
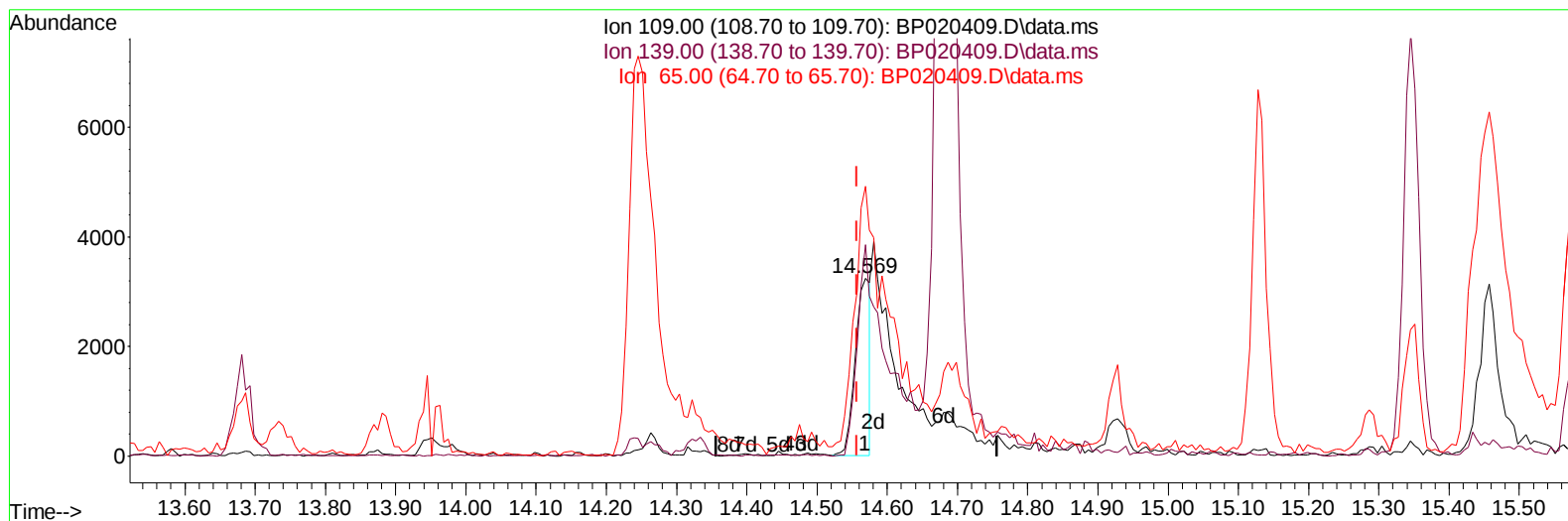
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(55) 4-Nitrophenol**14.569min (+ 0.012) 1.81 ng/ul****response 4829**

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	98.00	118.78#
65.00	127.20	151.51
0.00	0.00	0.00

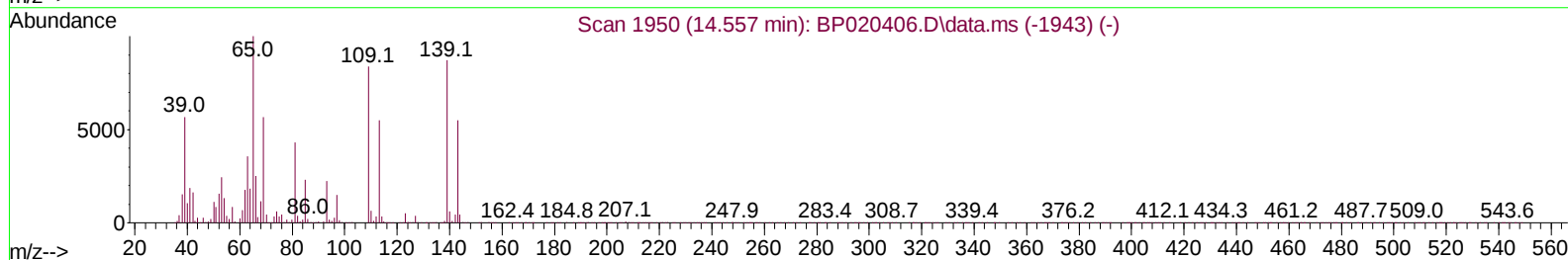
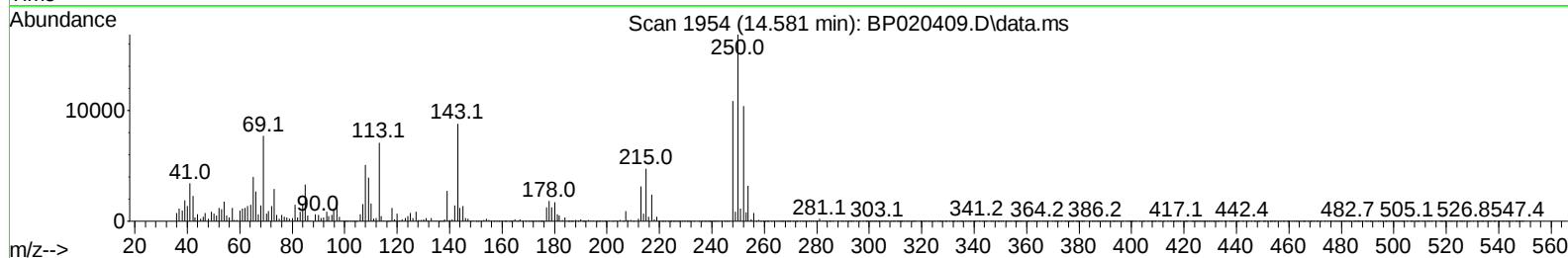
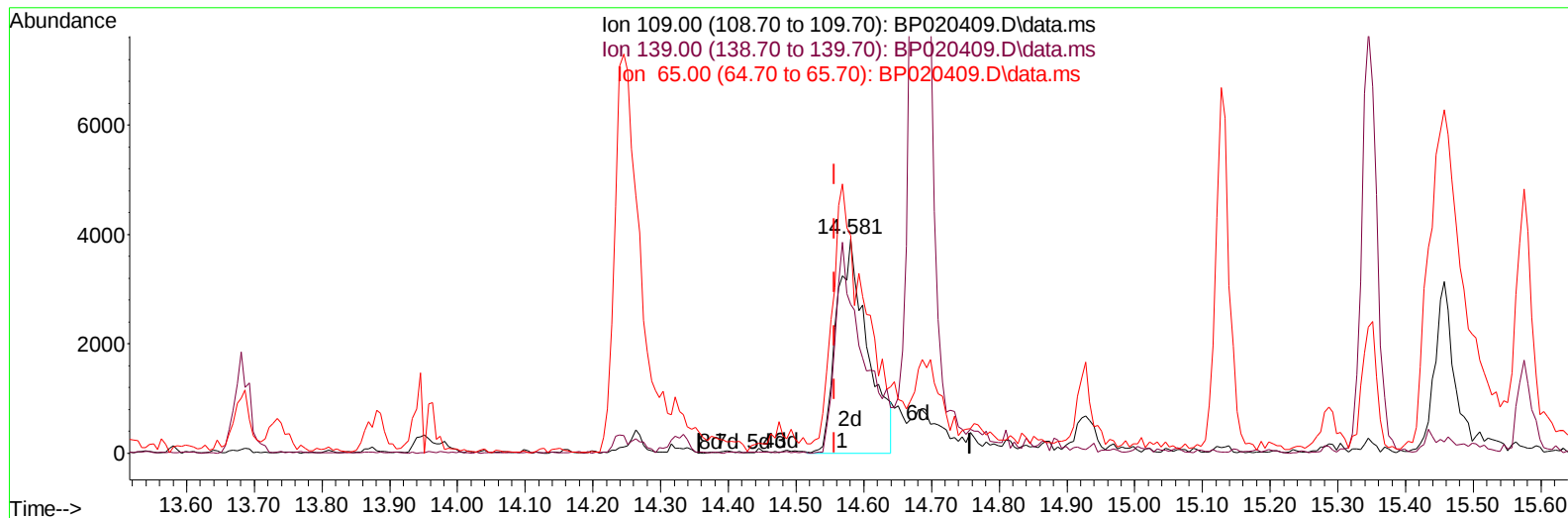
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(55) 4-Nitrophenol**14.581min (+ 0.023) 4.67 ng/ul m****response 12465**

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	98.00	69.35#
65.00	127.20	101.63#
0.00	0.00	0.00

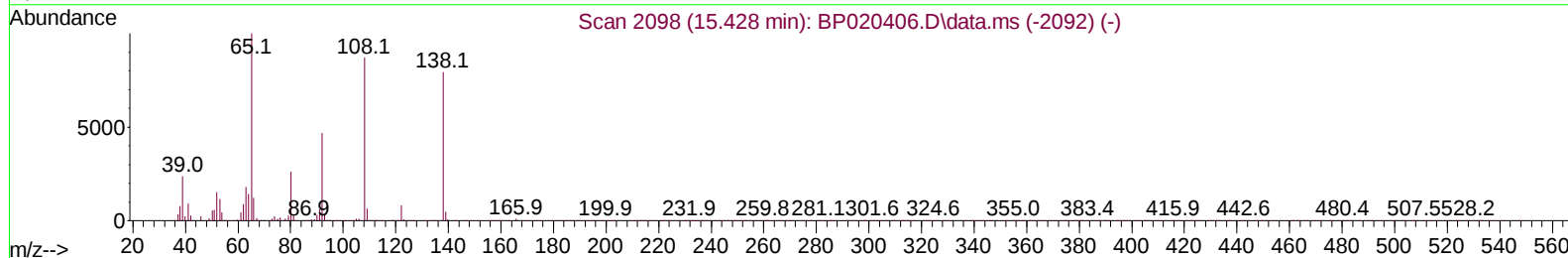
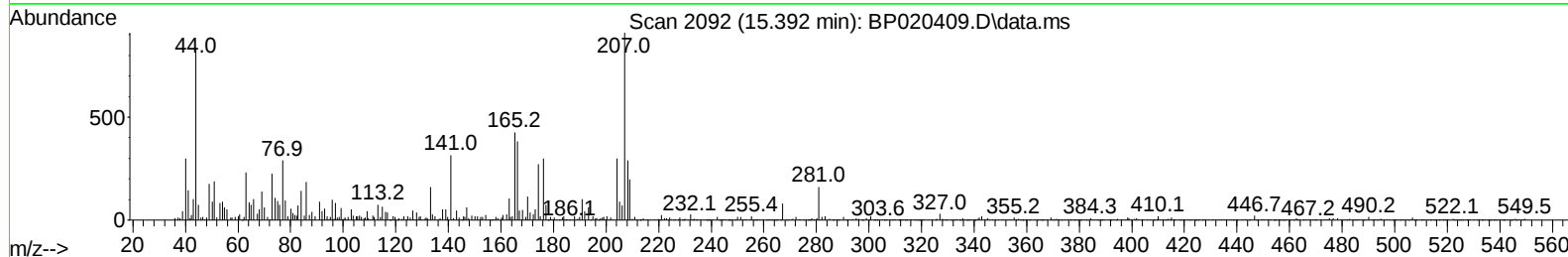
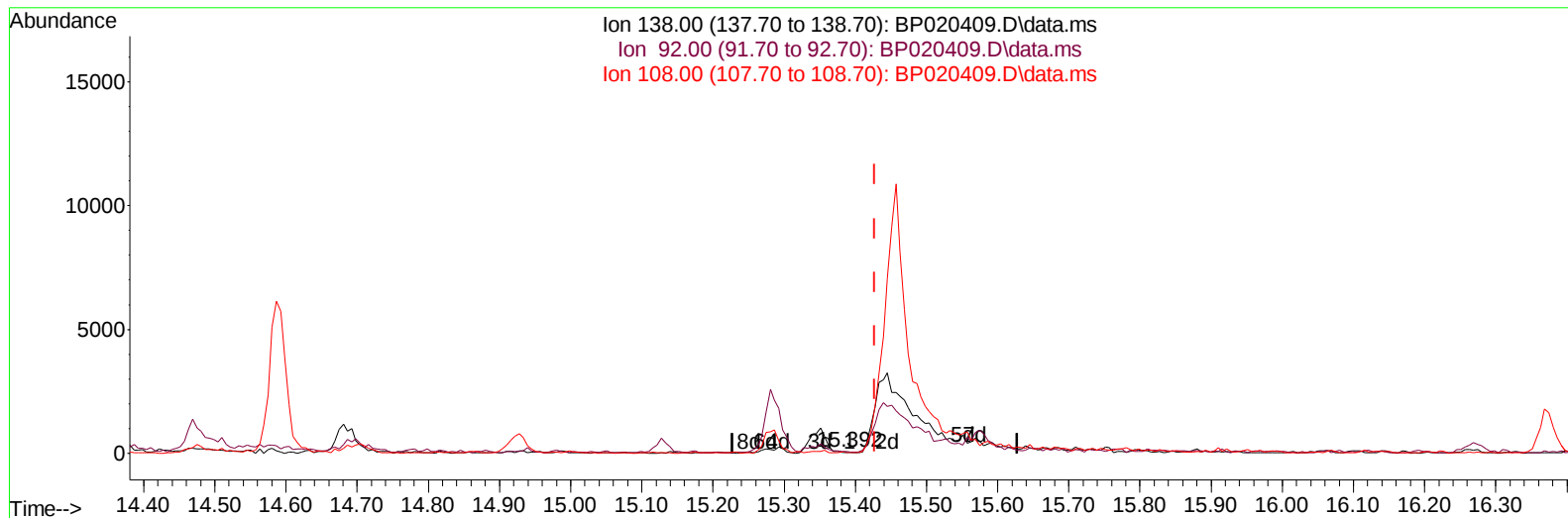
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(63) 4-Nitroaniline

15.392min (-0.035) 0.01 ng/ul

response 30

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.50	79.25#
108.00	113.10	39.62#
0.00	0.00	0.00

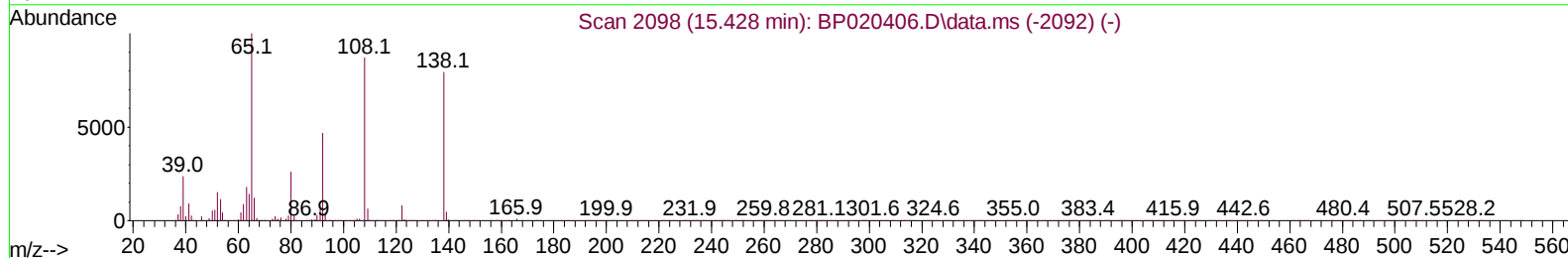
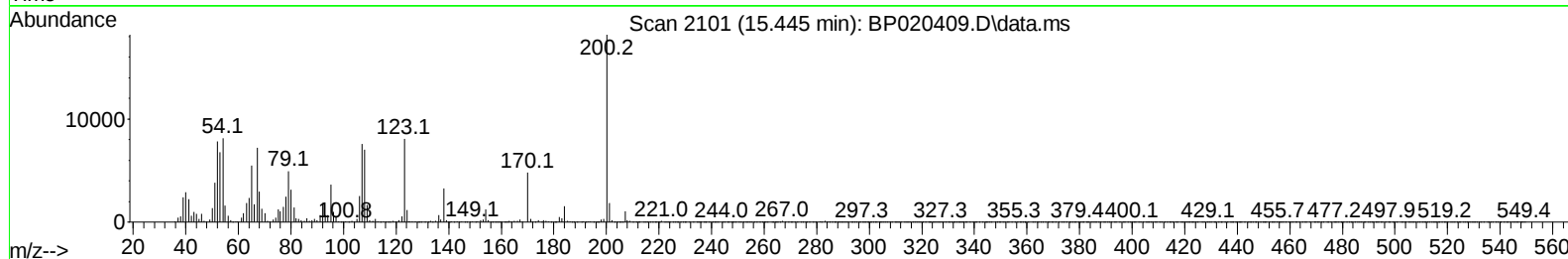
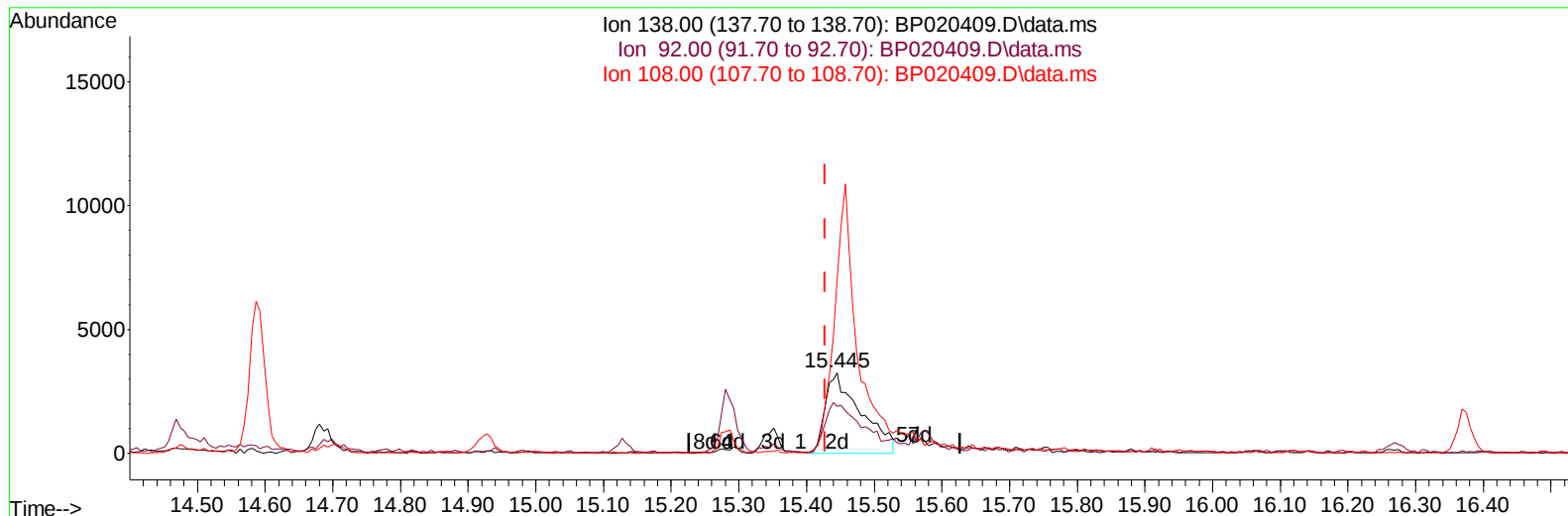
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

(63) 4-Nitroaniline

15.445min (+ 0.018) 4.55 ng/ul m

response 11835

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.50	57.60
108.00	113.10	216.43#
0.00	0.00	0.00

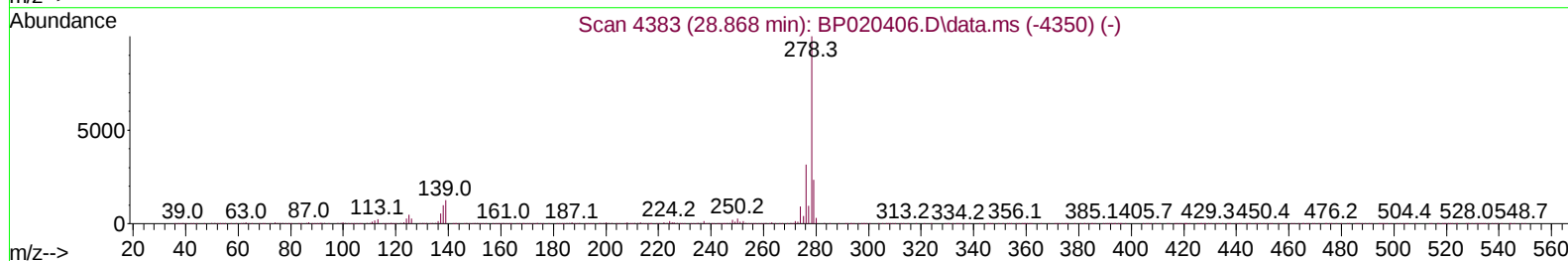
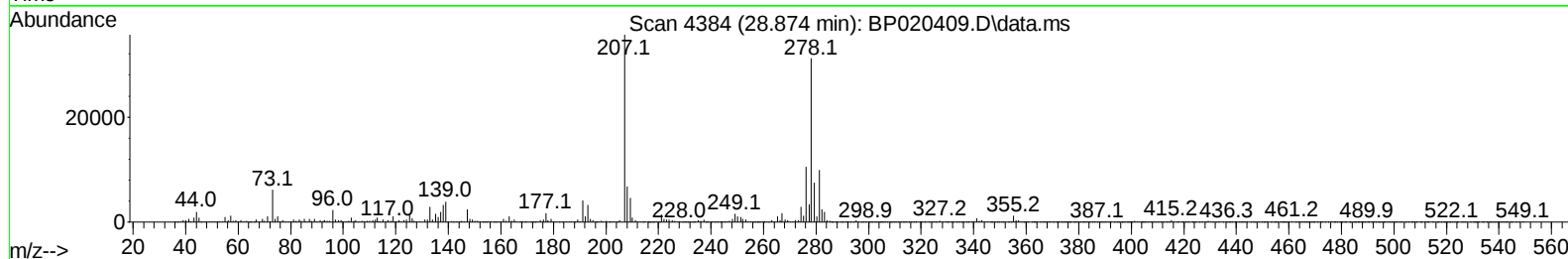
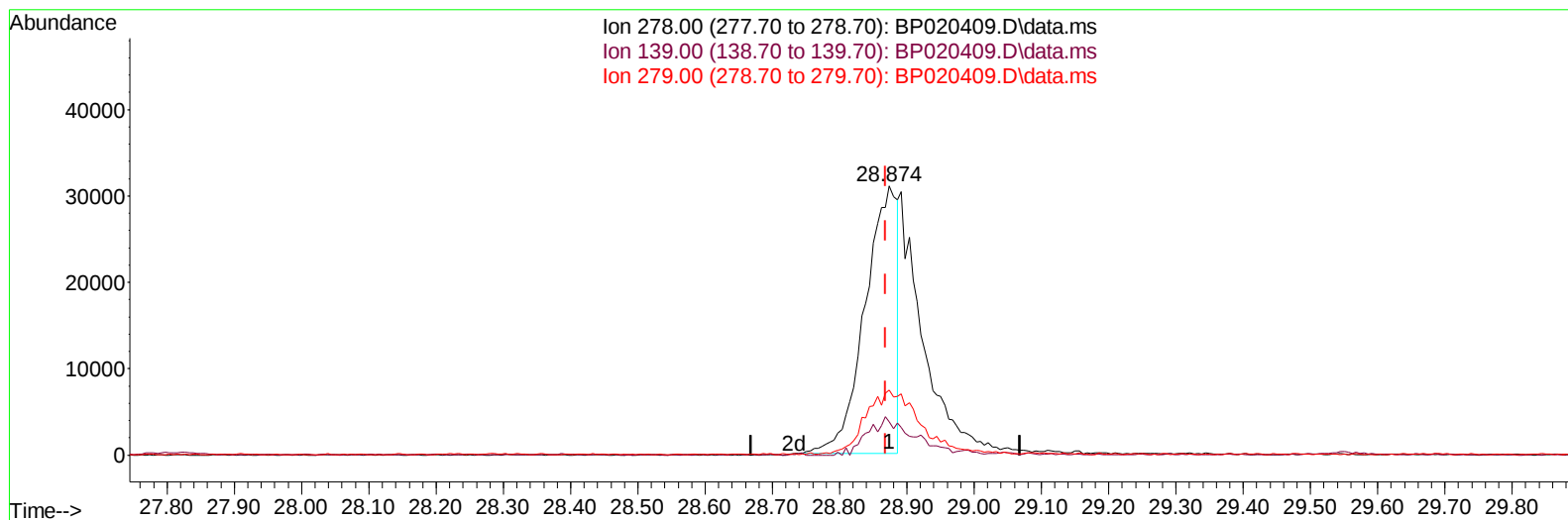
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(95) Dibenzo(a,h)anthracene

28.874min (+ 0.006) 2.77 ng/u1

response 103208

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	12.43
279.00	24.10	24.23
0.00	0.00	0.00

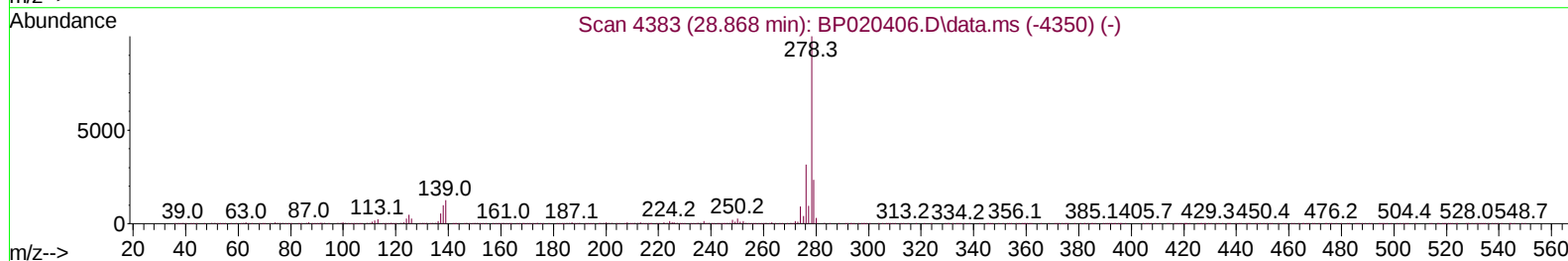
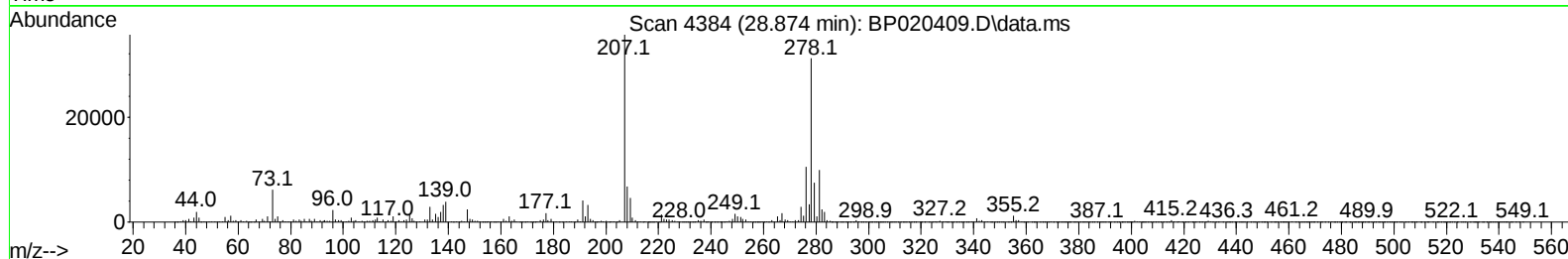
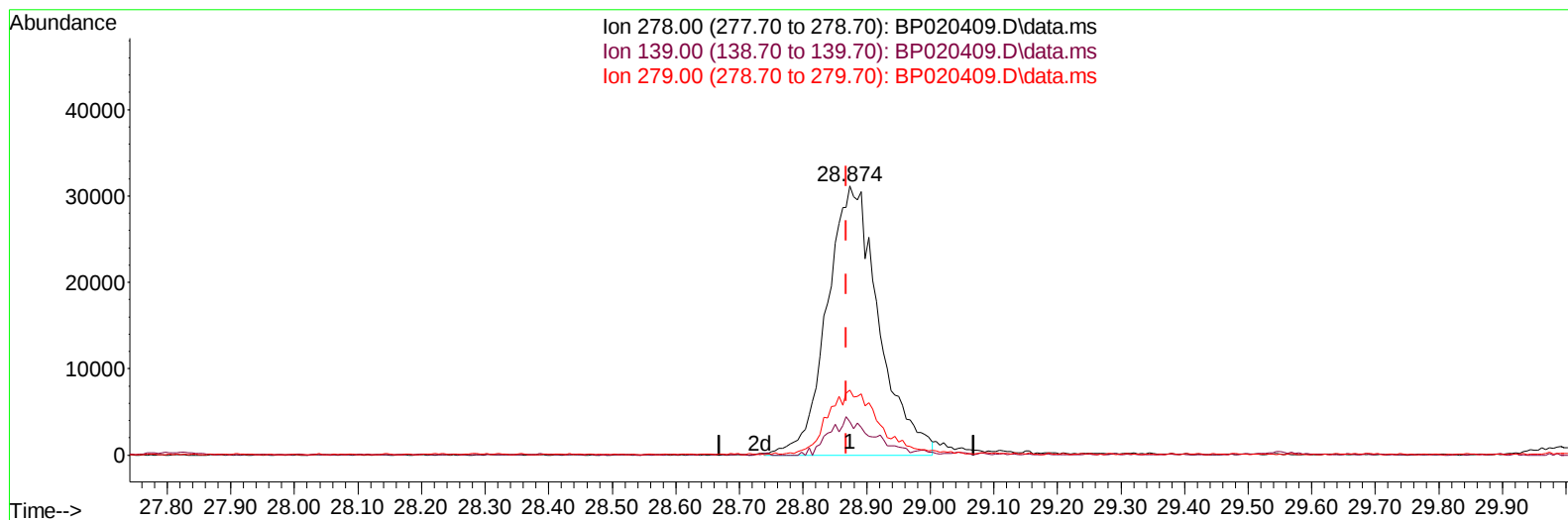
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

(95) Dibenzo(a,h)anthracene

28.874min (+ 0.006) 4.71 ng/u1 m

response 175958

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	12.43
279.00	24.10	24.23
0.00	0.00	0.00

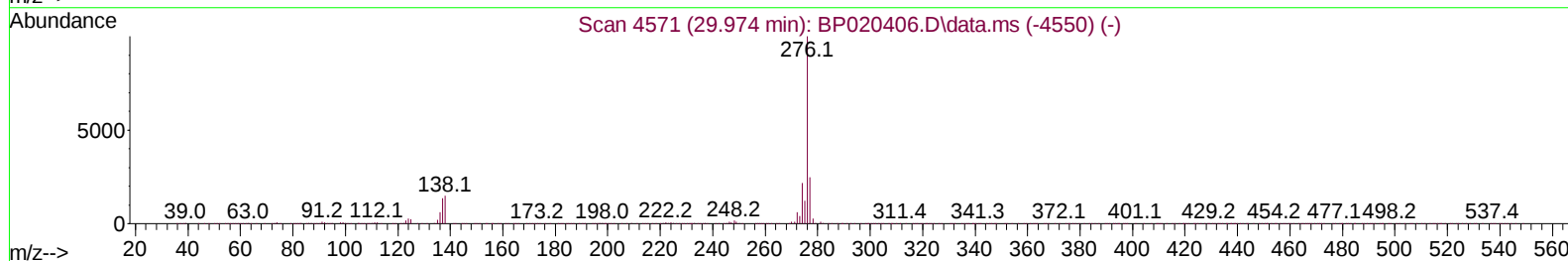
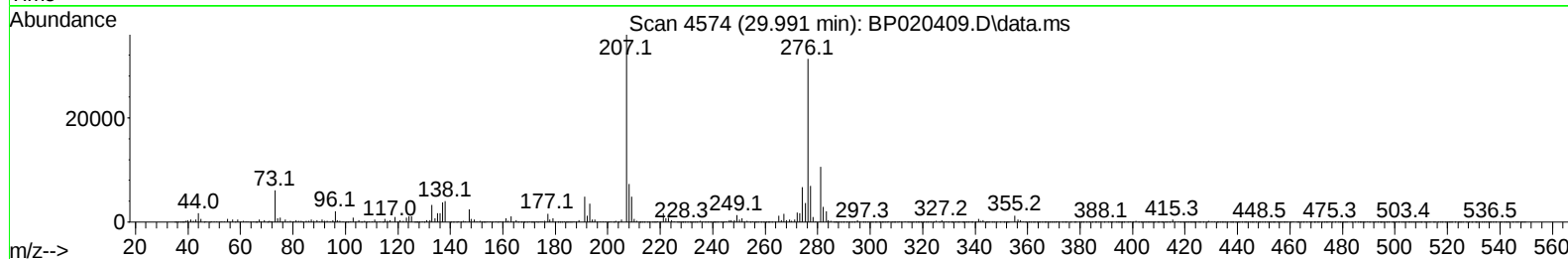
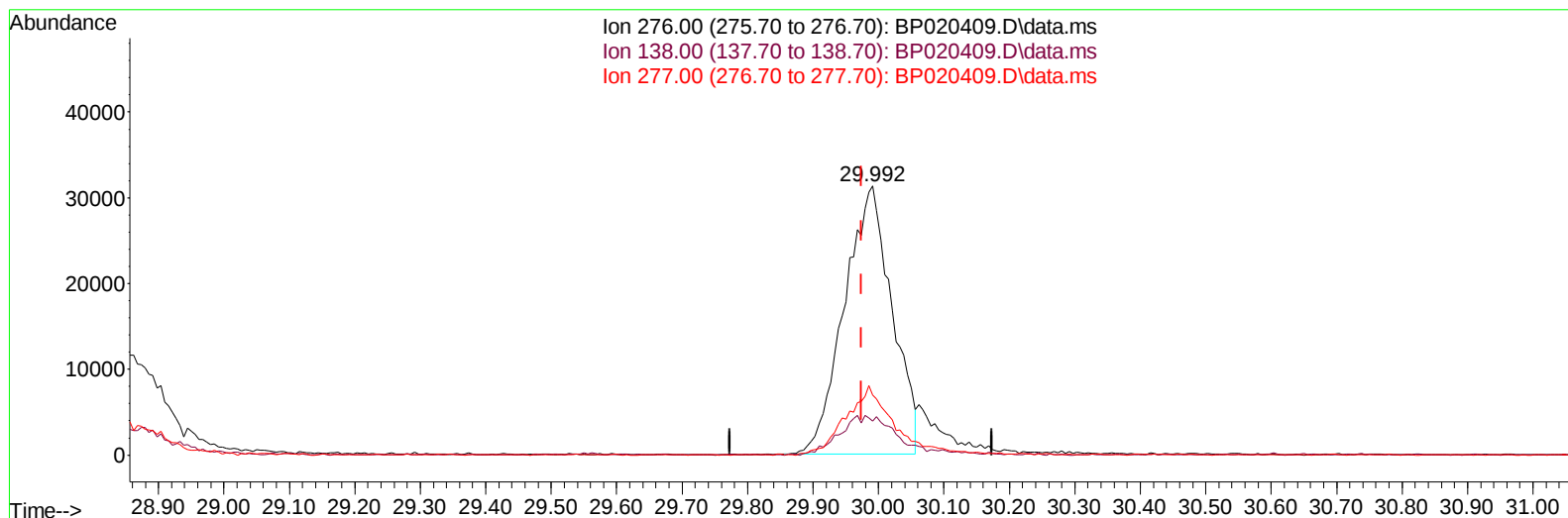
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Data File : BP020409.D
Acq On : 16 May 2024 12:59
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Quant Time: May 16 13:35:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020409.D\data.ms

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

29.991min (+ 0.018) 4.35 ng/u1

response 158348

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	12.65
277.00	24.20	22.24
0.00	0.00	0.00

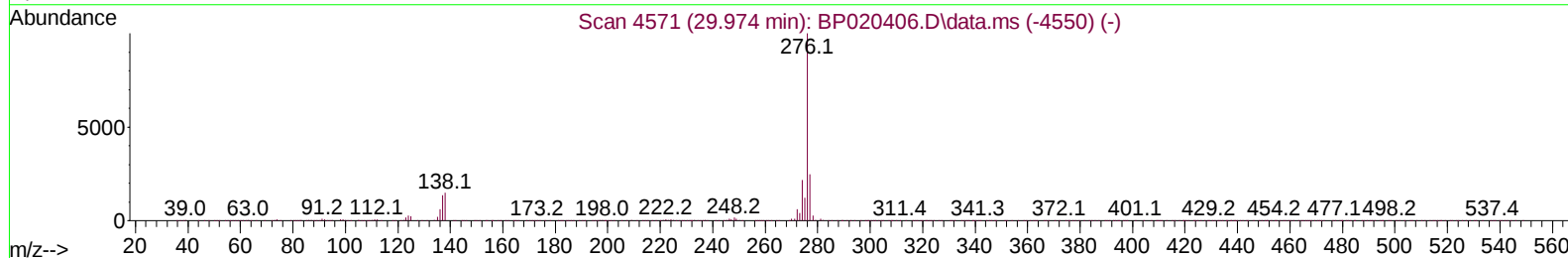
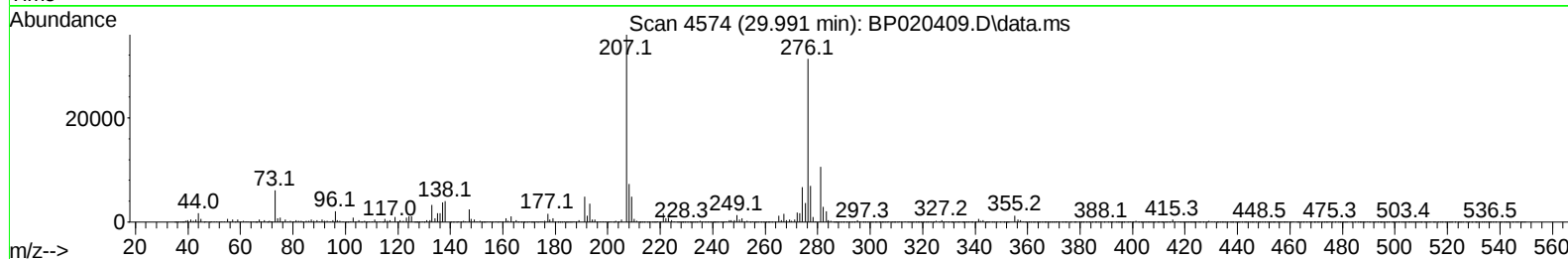
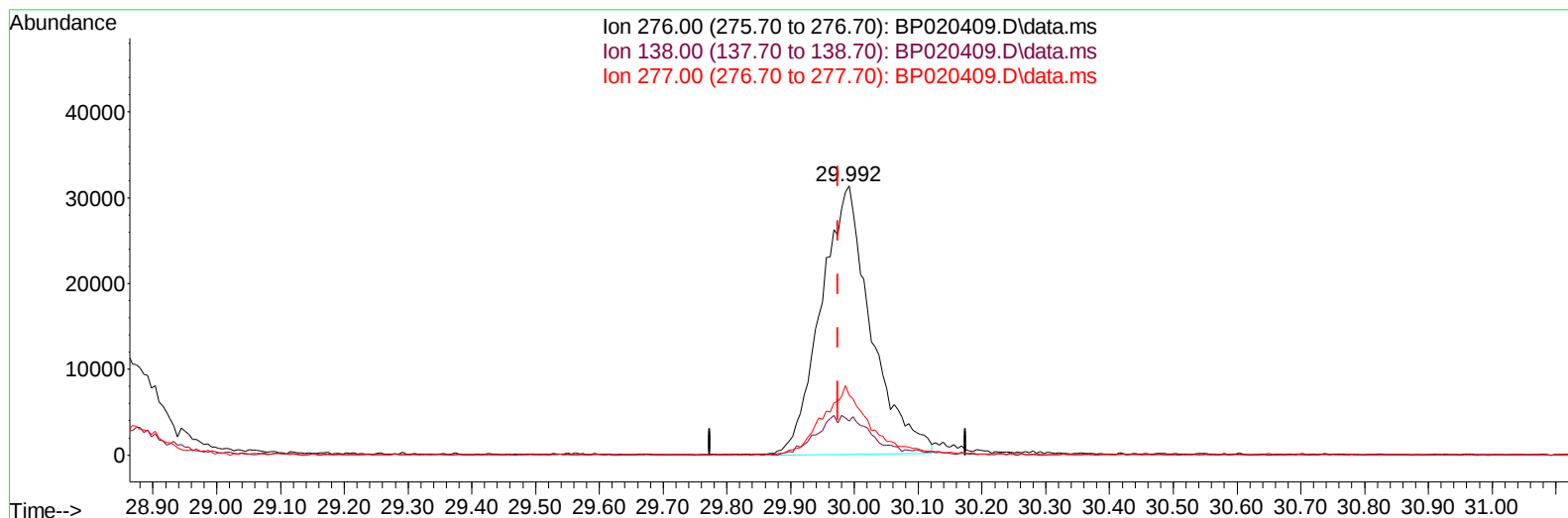
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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Instrument :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020409.D\data.ms

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

29.991min (+ 0.018) 4.68 ng/ul m

response 170496

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	12.65
277.00	24.20	22.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
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 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	74188	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	312907	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	228318	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.104	188	563079	20.000	ng/ul	-0.02
79) Chrysene-d12	21.604	240	615506	20.000	ng/ul	-0.02
88) Perylene-d12	24.968	264	650307	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9119	5.191	ng/uL	0.00
4) Pyridine-d5	3.587	84	101471	19.880	ng/ul	0.00
7) Phenol-d5	6.775	99	131442	20.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	77789	20.099	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.122	132	102349	22.472	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	101845	19.772	ng/ul	0.00
21) Nitrobenzene-d5	8.746	128	51238	21.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	57957	21.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	105691	21.585	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	136363	19.898	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	397838	23.861	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	418960	22.747	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.551	143	60483m	23.603	ng/ul	0.00
60) Fluorene-d10	15.286	176	343252	24.682	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	64094	17.938	ng/ul	-0.01
73) Anthracene-d10	17.210	188	518225	21.274	ng/ul	-0.02
81) Pyrene-d10	19.616	212	710492	19.747	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.727	264	728166	23.158	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	2063m	1.035	ng/uL	
5) Pyridine	3.611	79	21984	4.258	ng/ul#	60
6) Benzaldehyde	6.775	77	16969	5.299	ng/ul	99
8) Phenol	6.805	94	26503	4.030	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.034	93	21427	4.164	ng/ul	96
12) 2-Chlorophenol	7.157	128	21807	4.586	ng/ul	98
13) 2-Methylphenol	8.046	108	19976	4.072	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	28782	4.484	ng/ul	99
16) Acetophenone	8.422	105	36319	4.248	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.393	70	19345	4.170	ng/ul	96
18) 4-Methylphenol	8.375	108	22776m	4.272	ng/ul	
19) Hexachloroethane	8.622	117	10298	4.736	ng/ul	92
22) Nitrobenzene	8.793	77	31665	4.708	ng/ul	98
23) Isophorone	9.304	82	54072	4.181	ng/ul	98
25) 2-Nitrophenol	9.487	139	12876	4.633	ng/ul	94
26) 2,4-Dimethylphenol	9.557	107	20399	3.364	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.798	93	30720	4.284	ng/ul	95
29) 2,4-Dichlorophenol	10.040	162	22190	4.659	ng/ul	96
30) Naphthalene	10.404	128	78157	4.846	ng/ul	96
32) 4-Chloroaniline	10.551	127	28806m	4.298	ng/ul	
33) Hexachlorobutadiene	10.663	225	18195	4.918	ng/ul	94
34) Caprolactam	11.392	113	7882m	4.740	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	22875	3.857	ng/ul	97

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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 13:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.045	142	53174	4.738	ng/ul	92
37) 1-Methylnaphthalene	12.263	142	57392	5.082	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.422	216	34639	4.865	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	21427	5.533	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.692	196	19993m	4.477	ng/ul	
42) 2,4,5-Trichlorophenol	12.781	196	21871m	4.552	ng/ul	
43) 1,1'-Biphenyl	13.075	154	77446	4.796	ng/ul	95
44) 2-Chloronaphthalene	13.122	162	59484	4.642	ng/ul	99
45) 2-Nitroaniline	13.387	65	16202m	3.812	ng/ul	
47) Dimethylphthalate	13.734	163	83361	4.950	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	15104	4.511	ng/ul	87
50) Acenaphthylene	13.975	152	102616	4.953	ng/ul	100
51) 3-Nitroaniline	14.245	138	12347m	3.954	ng/ul	
52) Acenaphthene	14.328	153	67164	4.824	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	7854m	3.822	ng/ul	
55) 4-Nitrophenol	14.581	109	12465m	4.672	ng/ul	
56) Dibenzofuran	14.681	168	97938	5.115	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	24875	5.168	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.922	232	22854	5.297	ng/ul#	97
59) Diethylphthalate	15.133	149	87718	5.218	ng/ul	98
61) Fluorene	15.345	166	82979	5.216	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	43713	5.179	ng/ul	95
63) 4-Nitroaniline	15.445	138	11835m	4.548	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	15967	4.285	ng/ul#	93
67) N-Nitrosodiphenylamine	15.575	169	69859	4.456	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	28395	4.656	ng/ul#	91
69) Hexachlorobenzene	16.375	284	33664	4.765	ng/ul	95
70) Atrazine	16.586	200	28864	5.192	ng/ul	96
71) Pentachlorophenol	16.763	266	20433	4.785	ng/ul	94
72) Phenanthrene	17.157	178	139885	4.869	ng/ul	99
74) Anthracene	17.245	178	129394	4.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	34336	4.103	ng/uL	97
76) Pentachlorobenzene	14.592	250	40170	4.797	ng/uL	98
77) Carbazole	17.557	167	112144	4.455	ng/ul	99
78) Di-n-butylphthalate	18.139	149	149115	4.887	ng/ul	99
80) Fluoranthene	19.263	202	172779	4.081	ng/ul	99
82) Pyrene	19.651	202	186570	4.235	ng/ul	98
83) Butylbenzylphthalate	20.627	149	69274	4.142	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.539	252	43014	3.434	ng/ul	88
85) Benzo(a)anthracene	21.586	228	192053	4.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	105944	4.391	ng/ul	99
87) Chrysene	21.657	228	185931	4.805	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	176337	4.234	ng/ul	100
90) Benzo(b)fluoranthene	23.909	252	187095	4.836	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	183617	4.658	ng/ul	100
93) Benzo(a)pyrene	24.804	252	172316	4.681	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	205127	4.546	ng/ul	96
95) Dibenzo(a,h)anthracene	28.874	278	175958m	4.715	ng/ul	
96) Benzo(g,h,i)perylene	29.991	276	170496m	4.685	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

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