

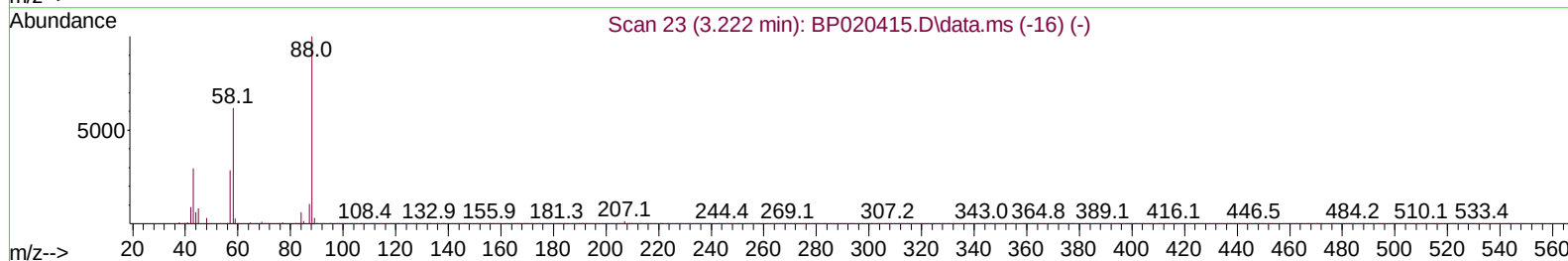
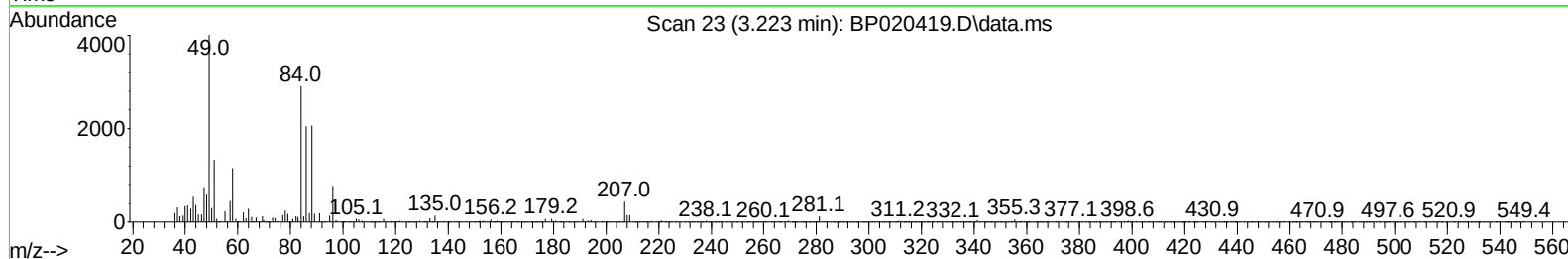
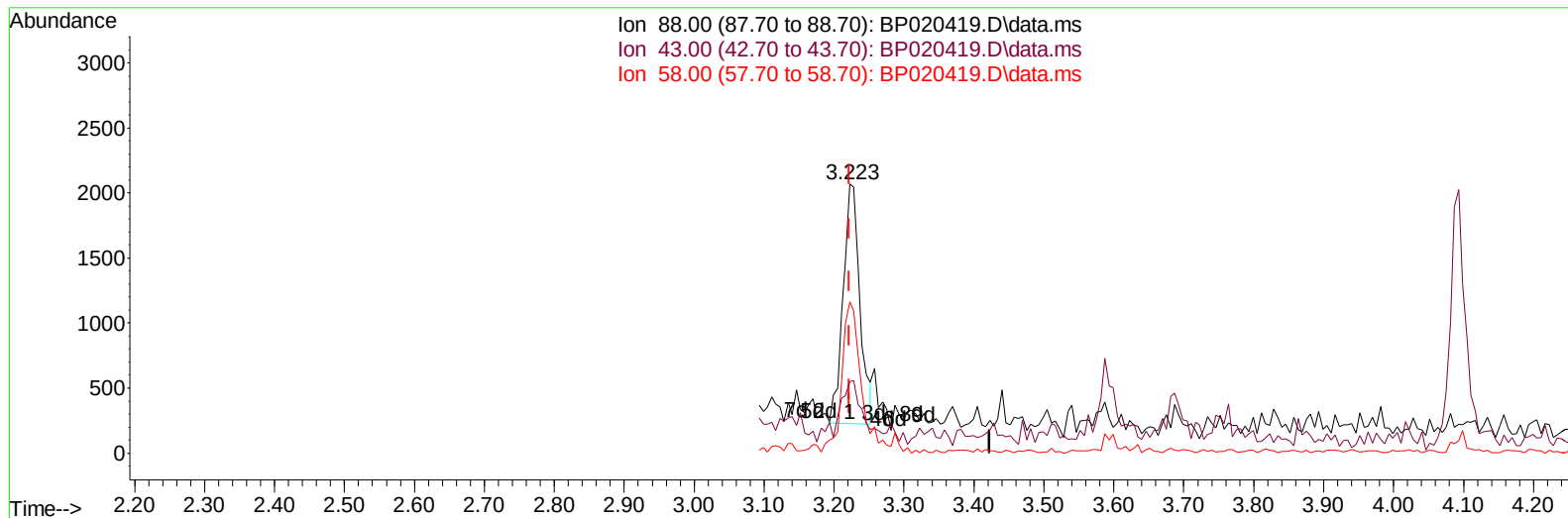
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 12:54:05 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 :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

(2) 1,4-Dioxane

3.223min (+ 0.000) 1.32 ng/uL

response 3098

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	26.50
58.00	72.80	56.19#
0.00	0.00	0.00

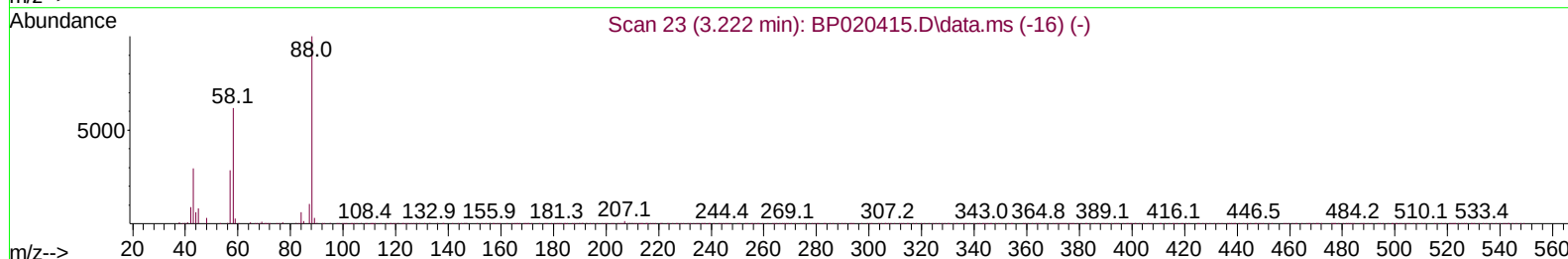
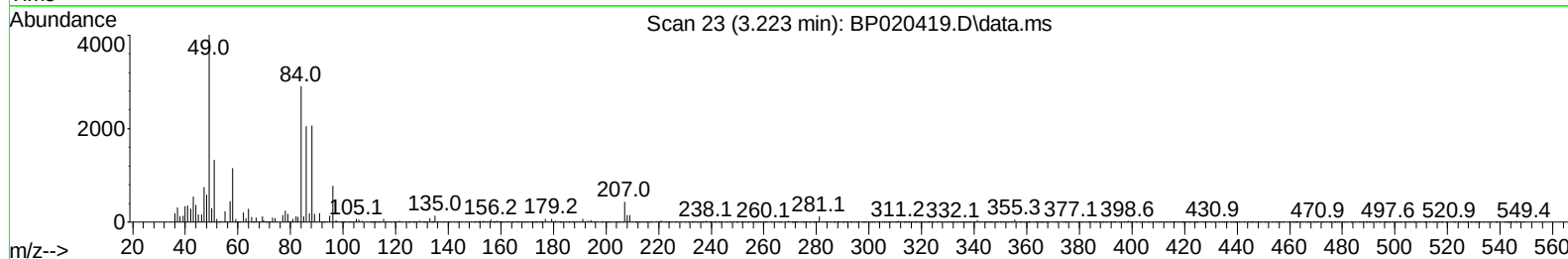
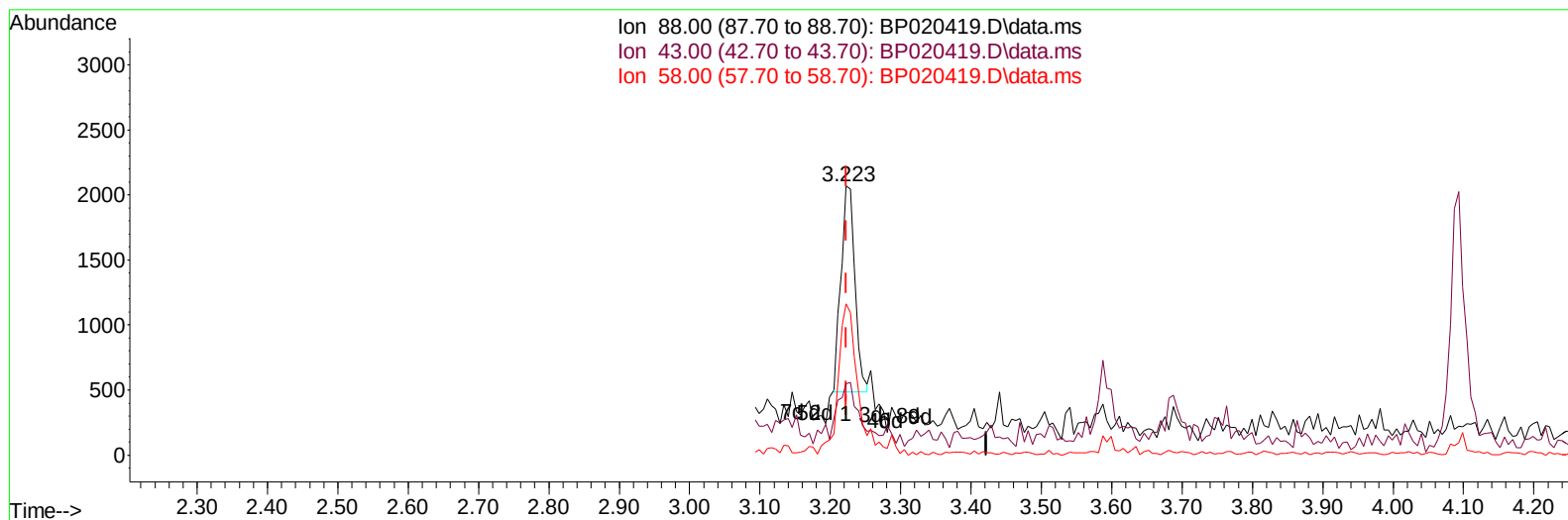
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TIC: BP020419.D\data.ms

(2) 1,4-Dioxane

3.223min (+ 0.000) 0.93 ng/uL m

response 2190

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	26.50
58.00	72.80	56.19#
0.00	0.00	0.00

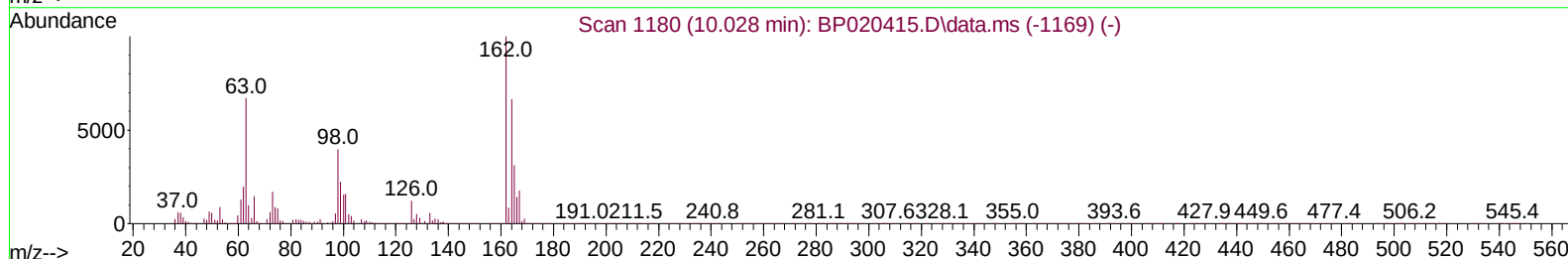
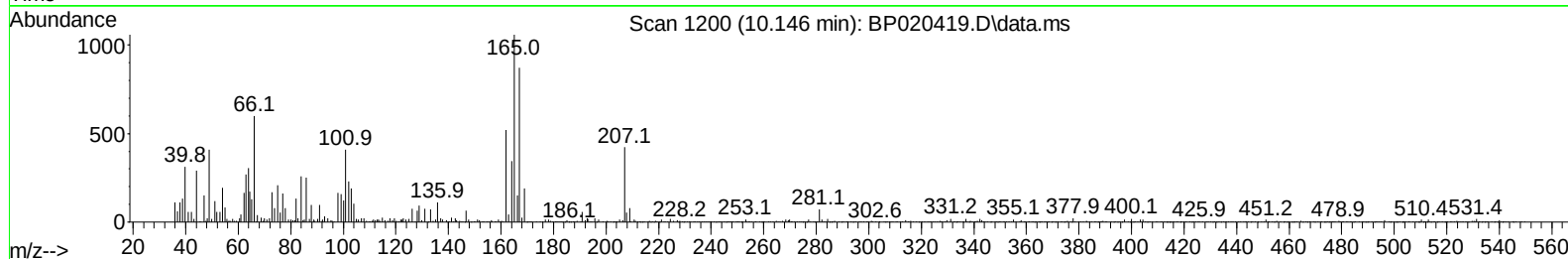
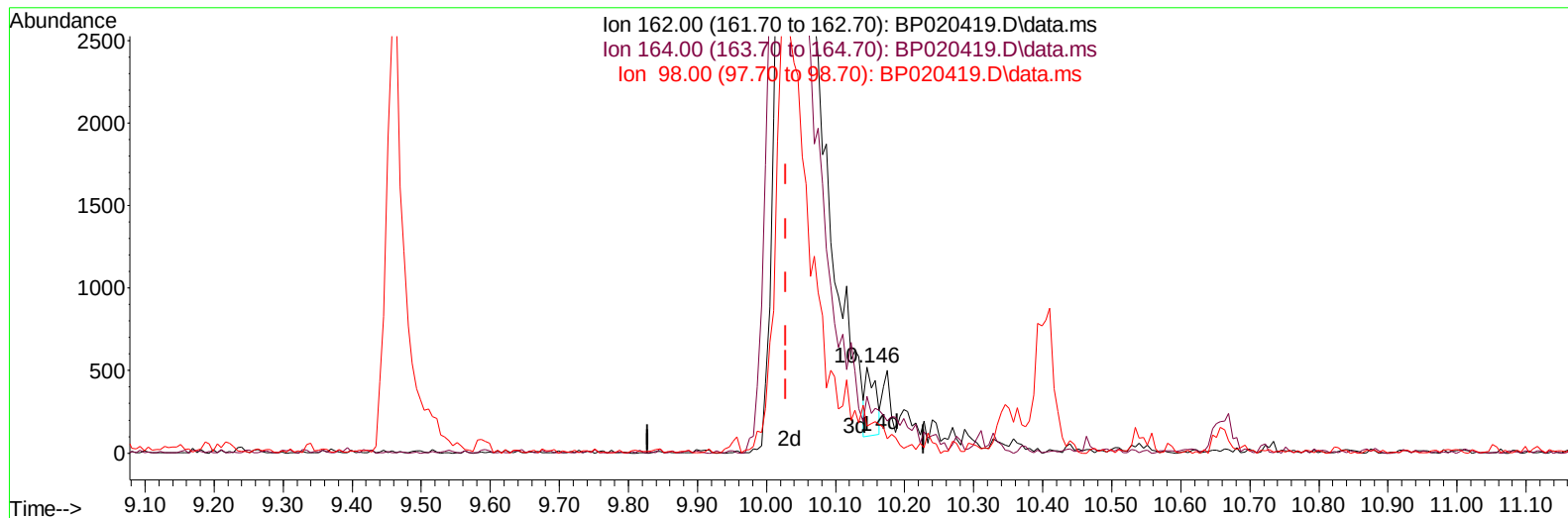
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TIC: BP020419.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.146min (+ 0.118) 0.08 ng/ul

response 419

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	66.40	65.83
98.00	39.30	31.67
0.00	0.00	0.00

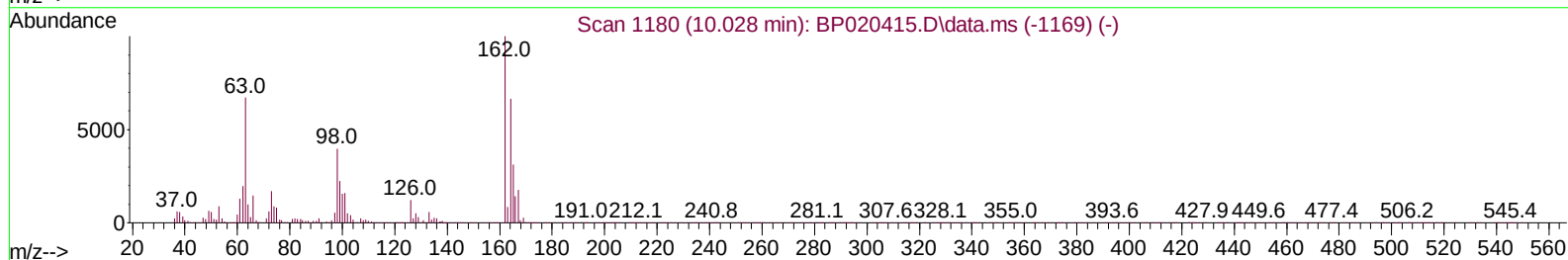
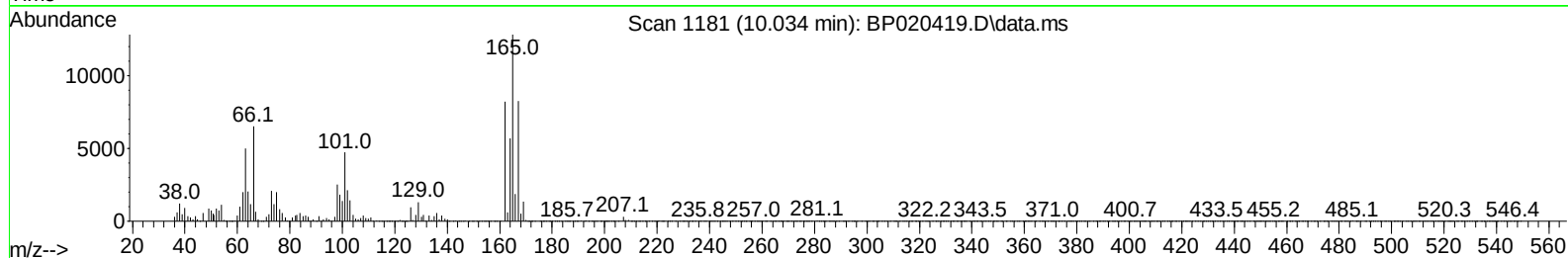
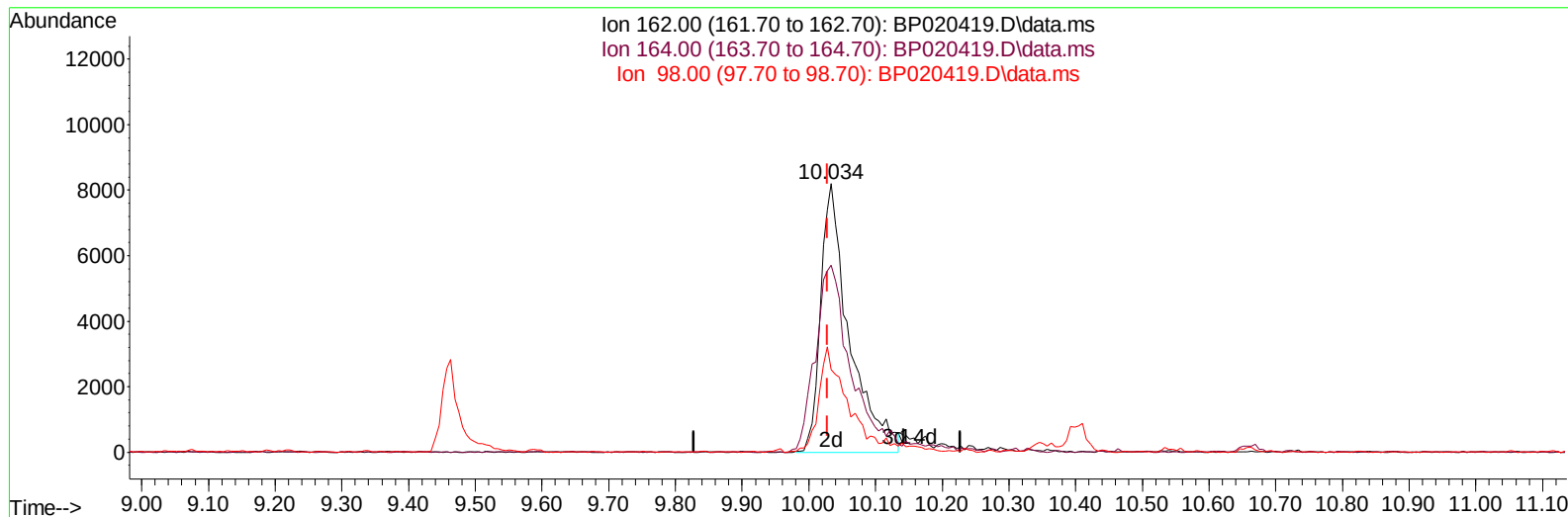
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TIC: BP020419.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.034min (+ 0.006) 4.66 ng/ul m

response 24426

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	66.40	69.72
98.00	39.30	30.88#
0.00	0.00	0.00

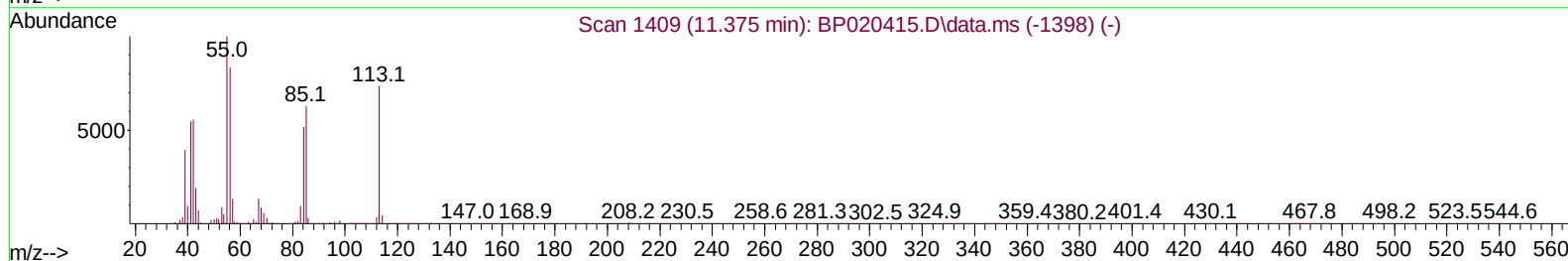
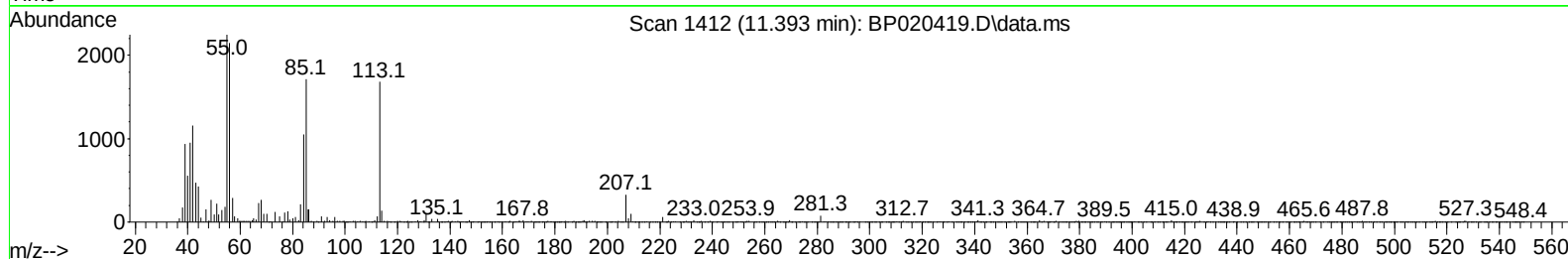
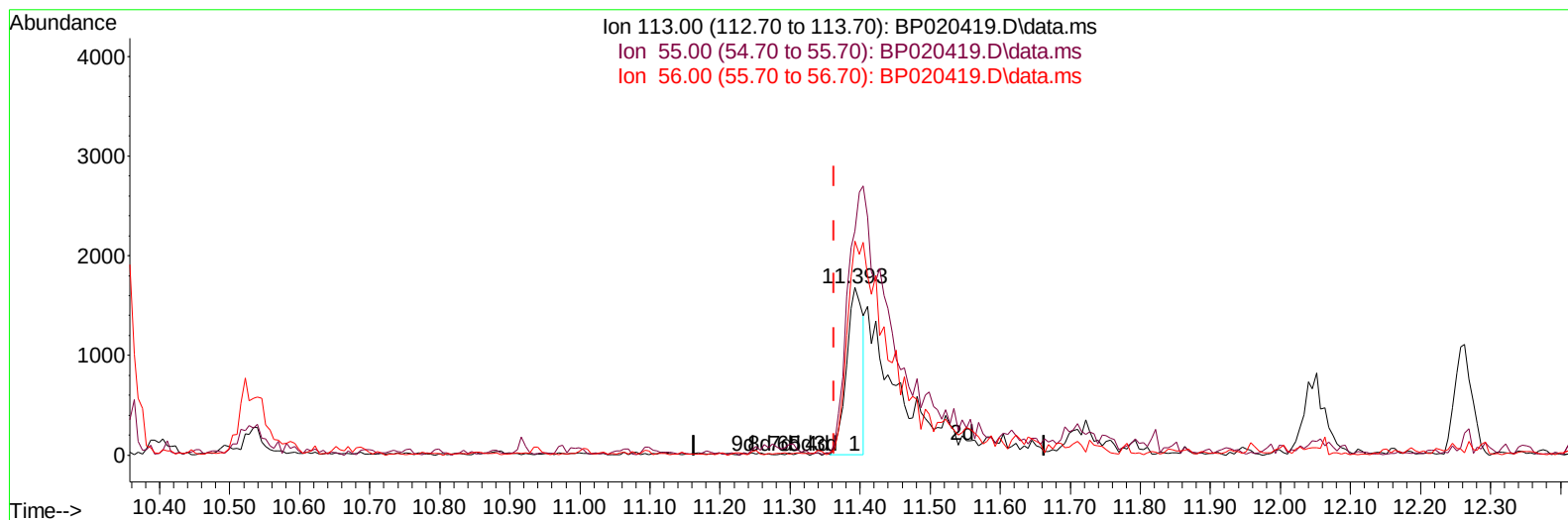
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BP020419.D\data.ms

(34) Caprolactam

11.393min (+ 0.030) 1.50 ng/ul

response 2750

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	133.53
56.00	131.80	127.65
0.00	0.00	0.00

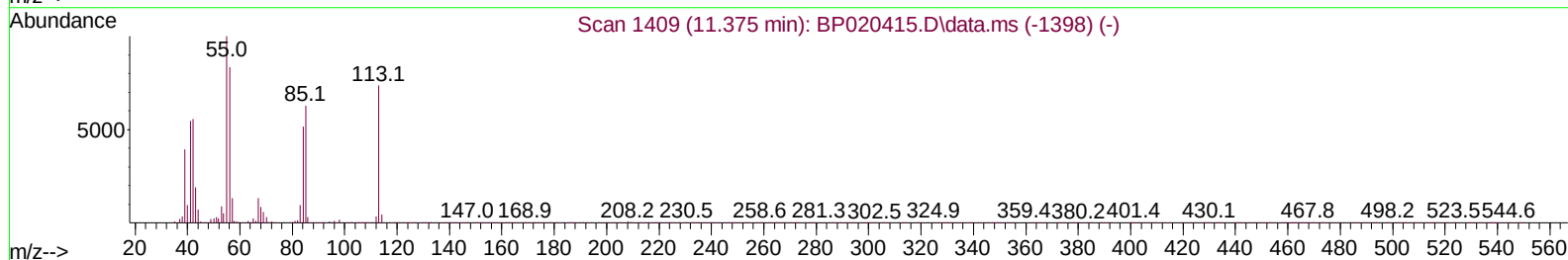
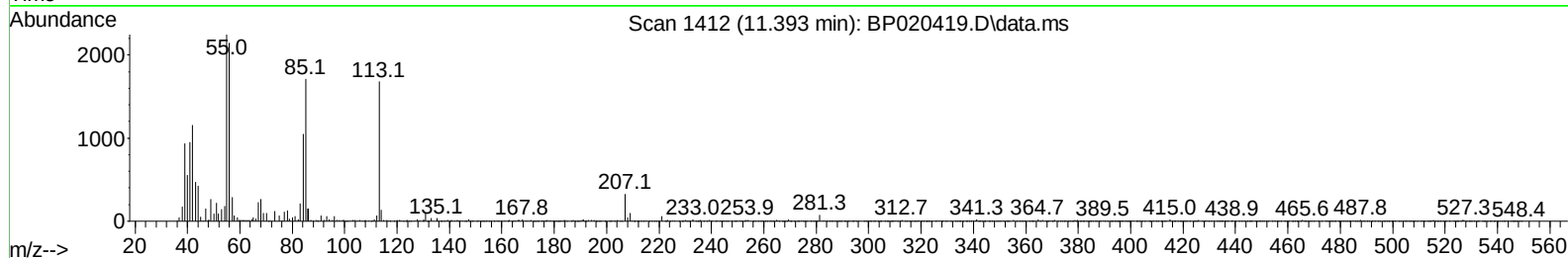
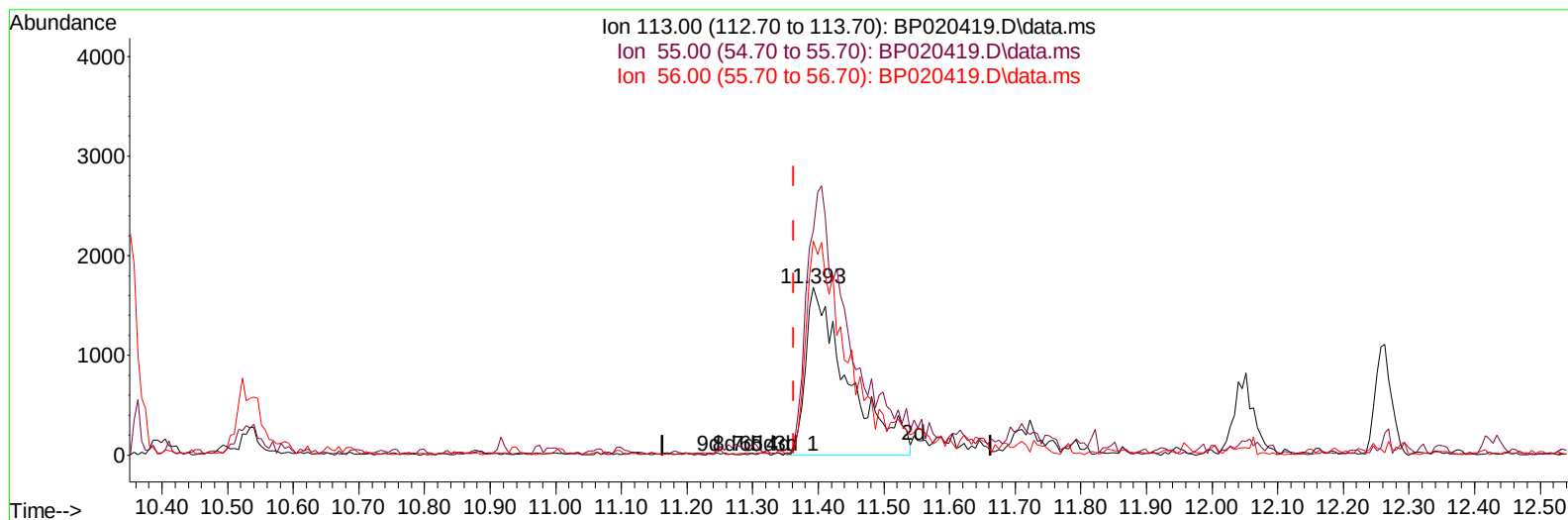
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
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 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 05/18/2024
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TIC: BP020419.D\data.ms

(34) Caprolactam

11.393min (+ 0.030) 4.09 ng/ul m

response 7495

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	133.53
56.00	131.80	127.65
0.00	0.00	0.00

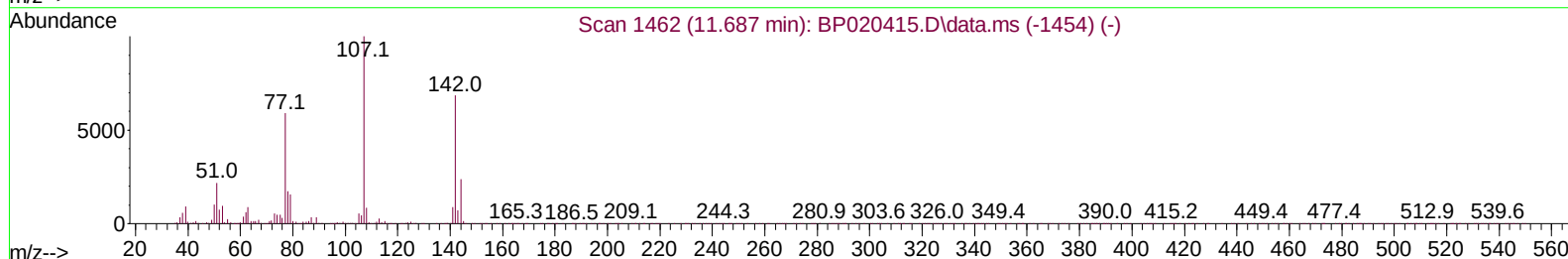
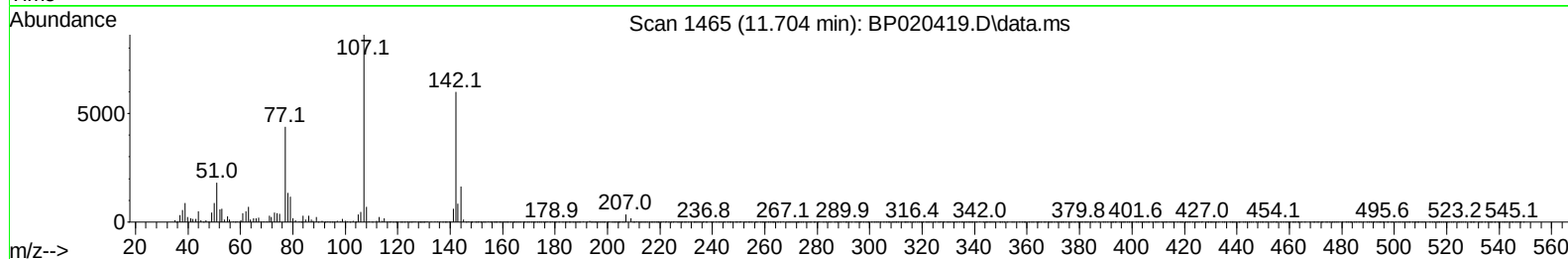
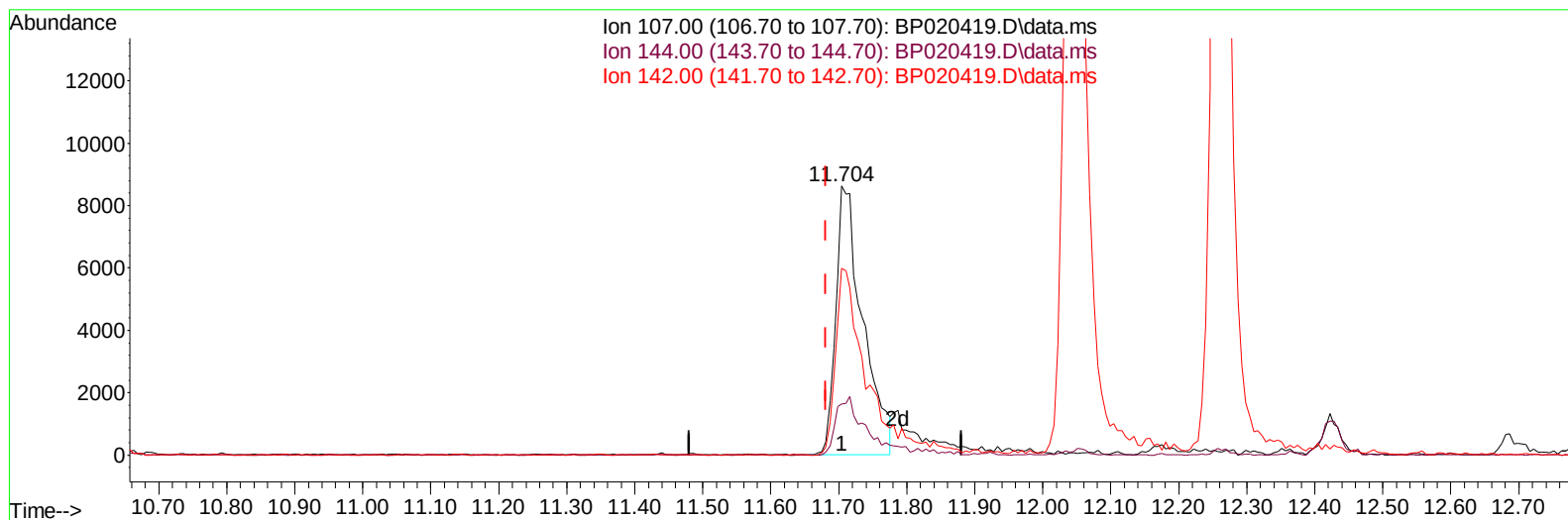
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TIC: BP020419.D\data.ms

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

11.704min (+ 0.024) 3.64 ng/ul

response 23746

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	22.90	19.11
142.00	70.70	69.47
0.00	0.00	0.00

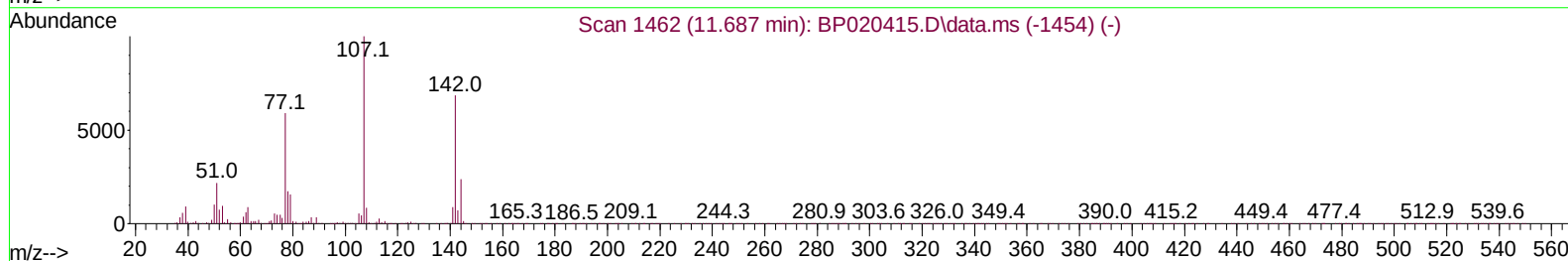
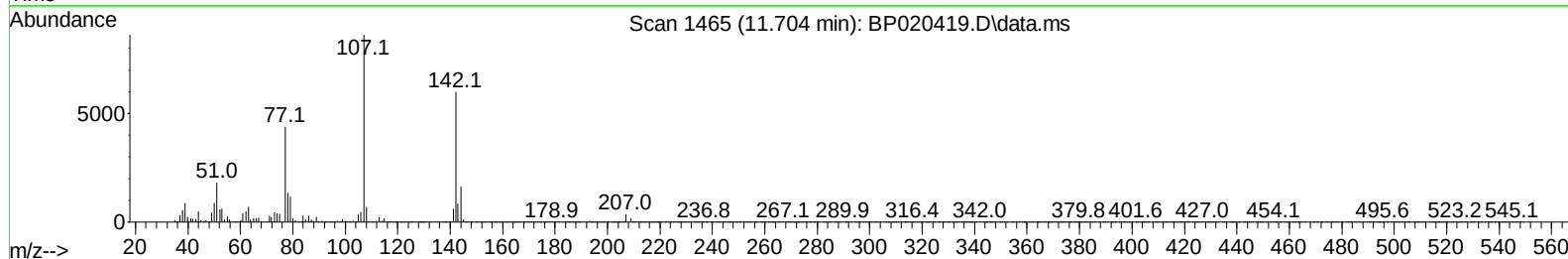
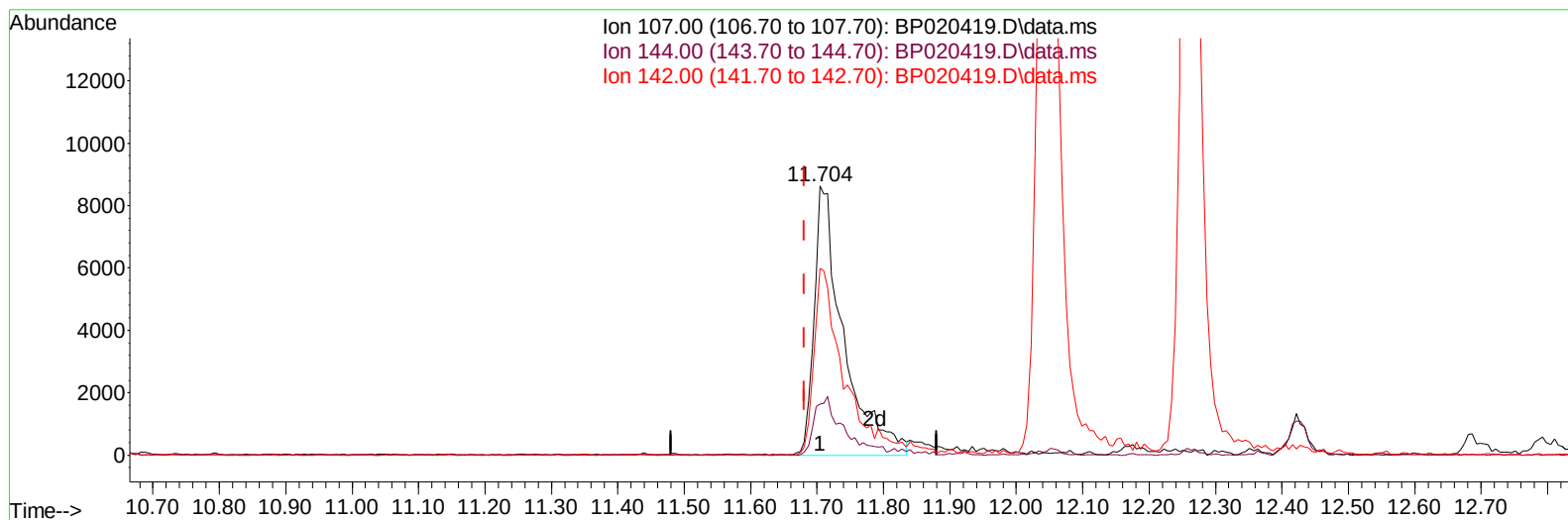
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Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

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Quant Time: May 17 12:54:05 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration



TIC: BP020419.D\data.ms

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

11.704min (+ 0.024) 4.08 ng/ul m

response 26613

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	22.90	19.11
142.00	70.70	69.47
0.00	0.00	0.00

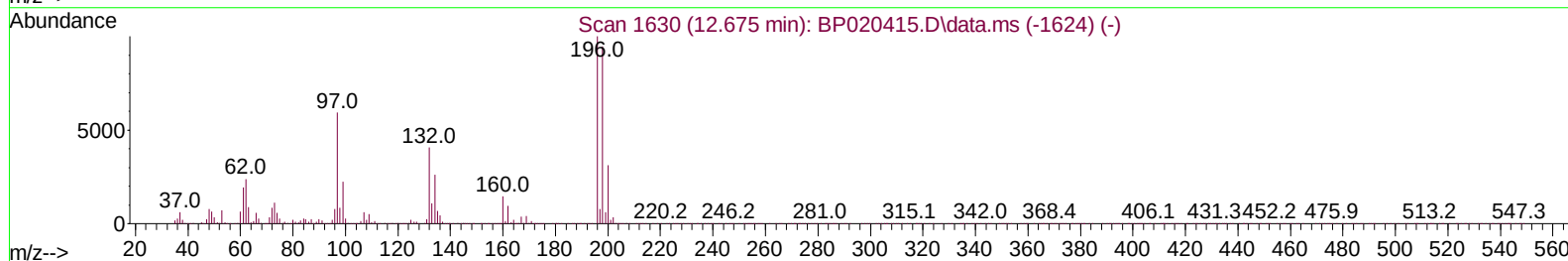
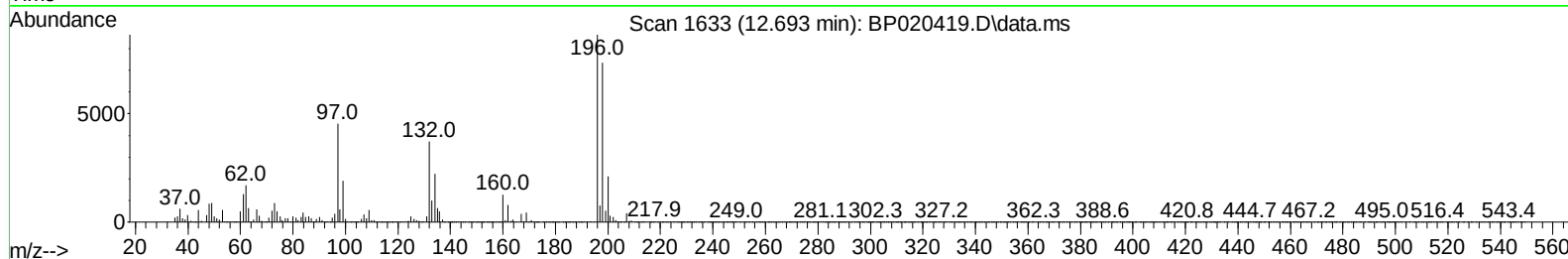
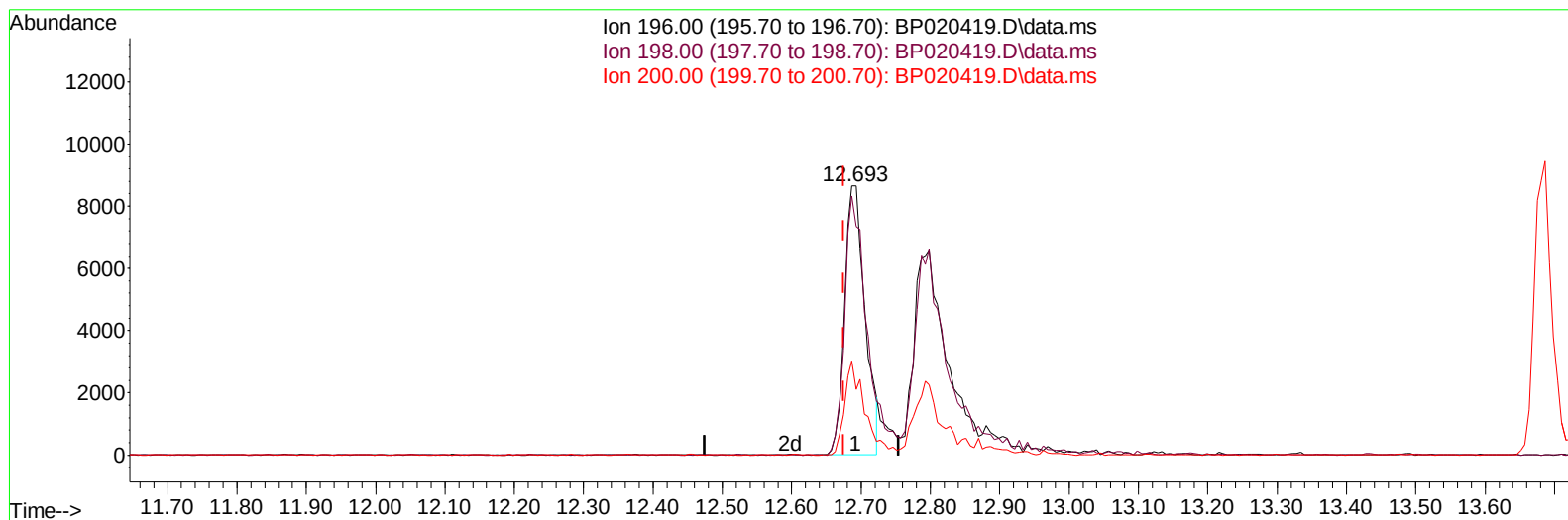
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ALS Vial : 6 Sample Multiplier: 1

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TIC: BP020419.D\data.ms

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

12.693min (+ 0.018) 3.94 ng/uI

response 17663

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.80	85.10
200.00	31.00	24.51#
0.00	0.00	0.00

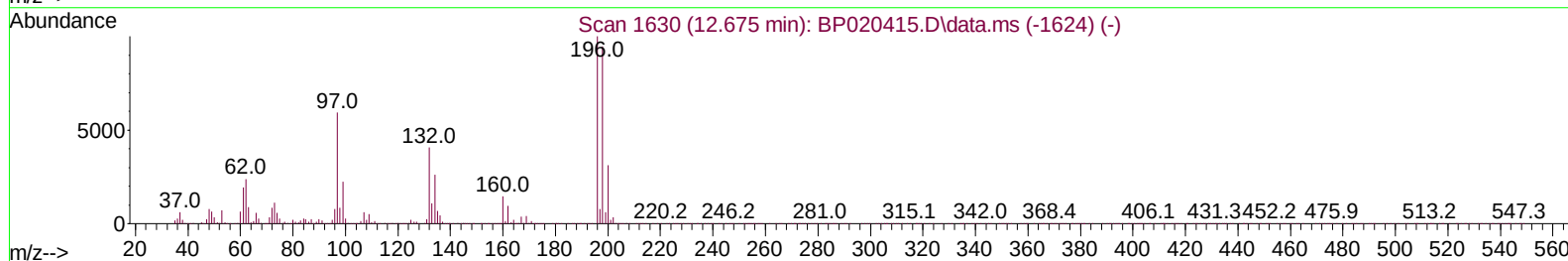
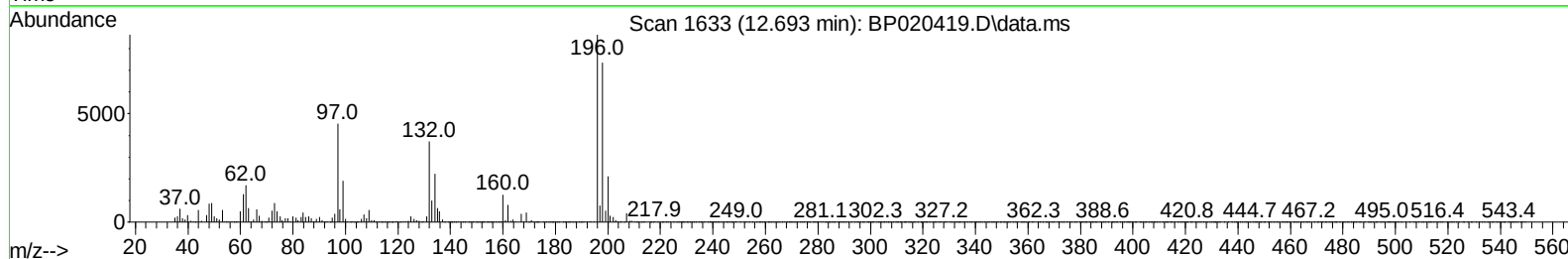
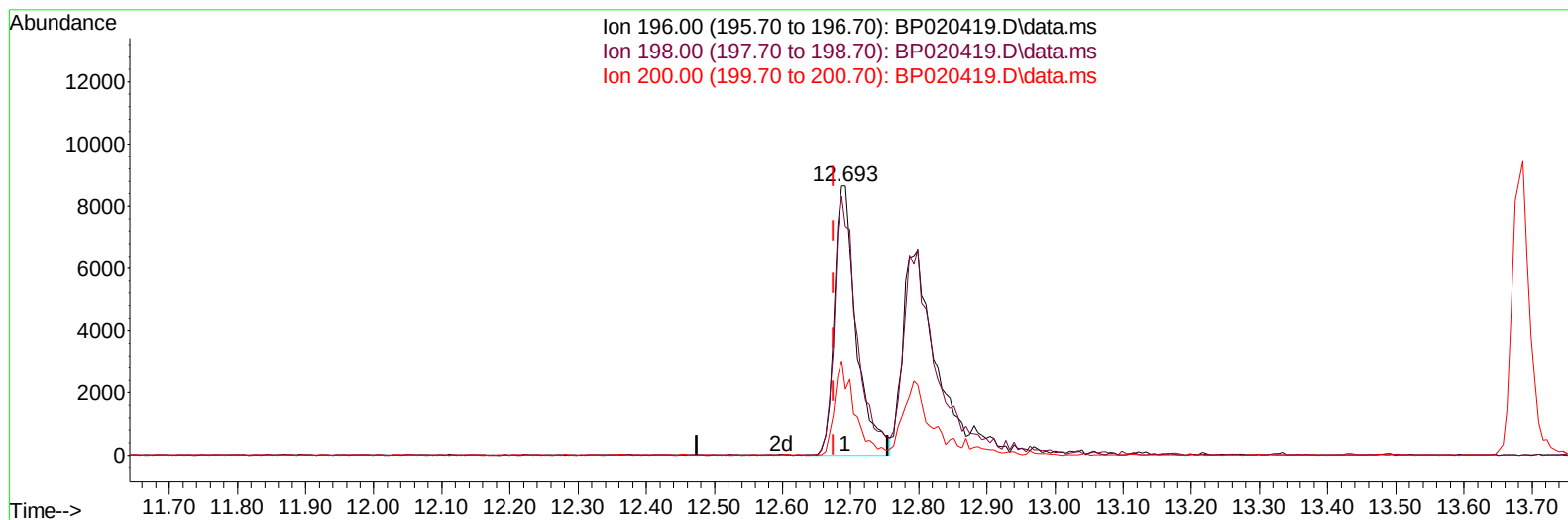
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Instrument :
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 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

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

12.693min (+ 0.018) 4.32 ng/ul m

response 19393

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.80	85.10
200.00	31.00	24.51#
0.00	0.00	0.00

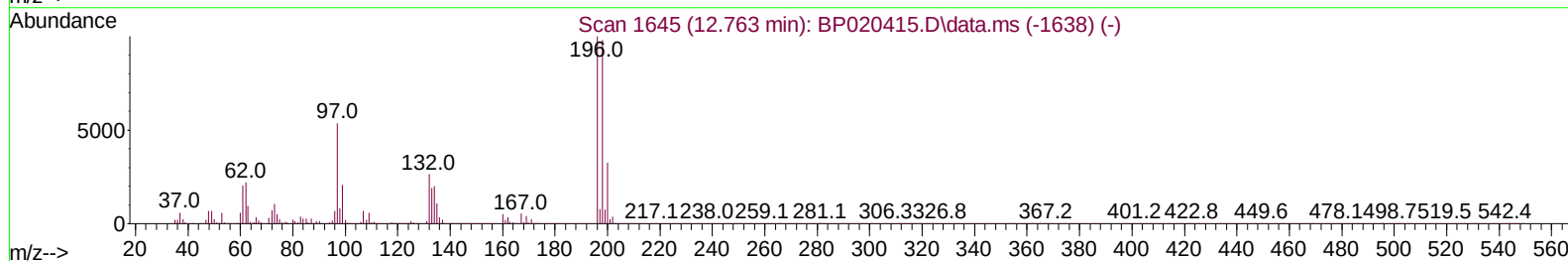
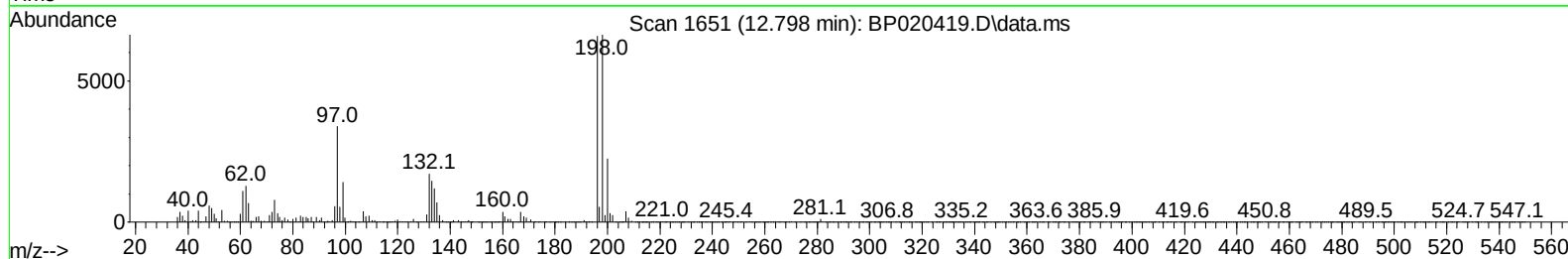
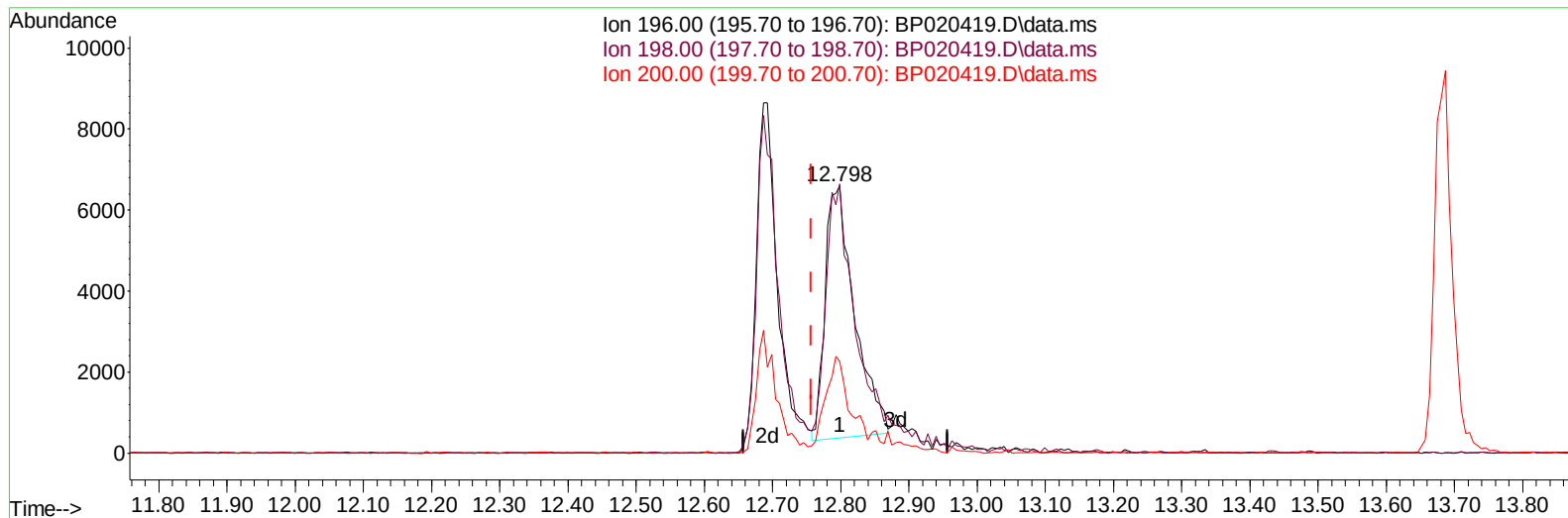
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TIC: BP020419.D\data.ms

(42) 2,4,5-Trichlorophenol

12.798min (+ 0.041) 3.85 ng/u1

response 18592

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	91.90	100.61
200.00	30.50	34.25
0.00	0.00	0.00

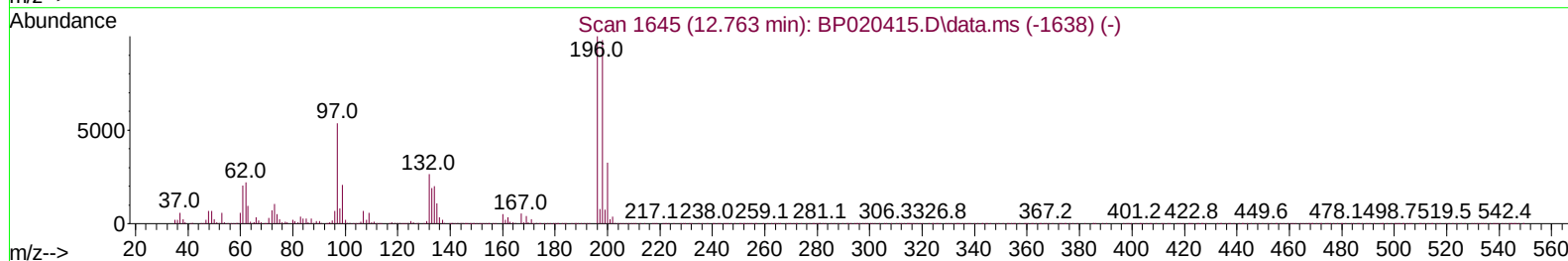
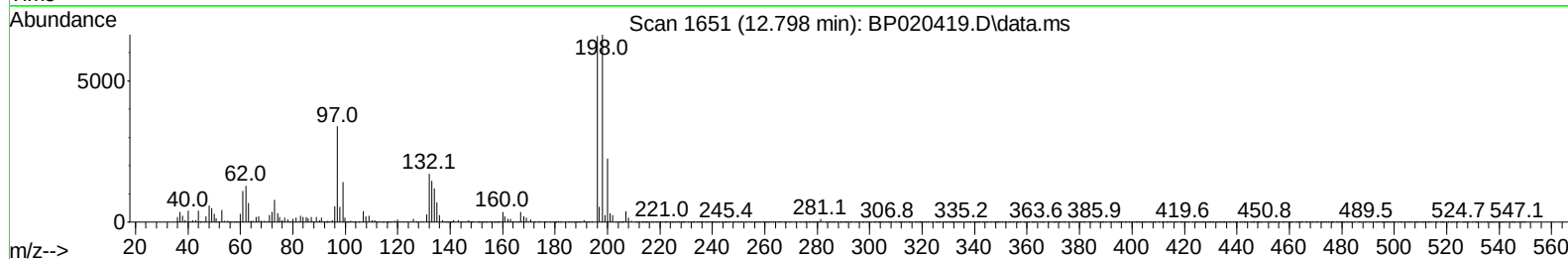
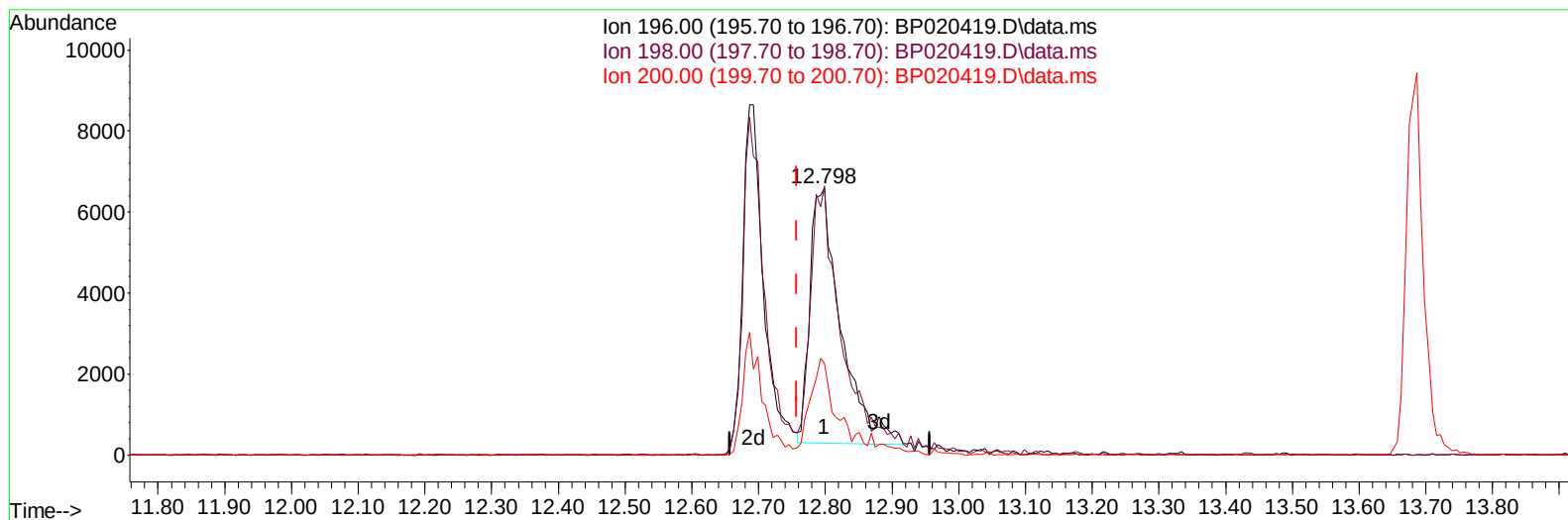
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP020419.D\data.ms

(42) 2,4,5-Trichlorophenol

12.798min (+ 0.041) 4.20 ng/ul m

response 20286

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	91.90	100.61
200.00	30.50	34.25
0.00	0.00	0.00

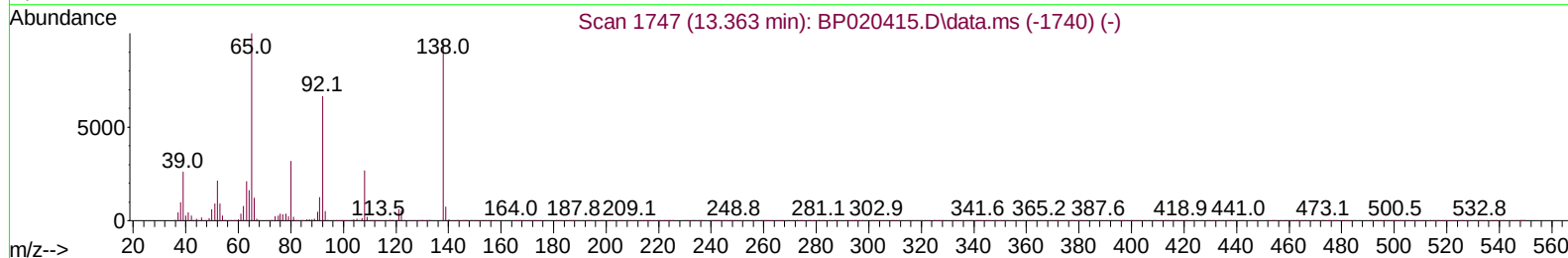
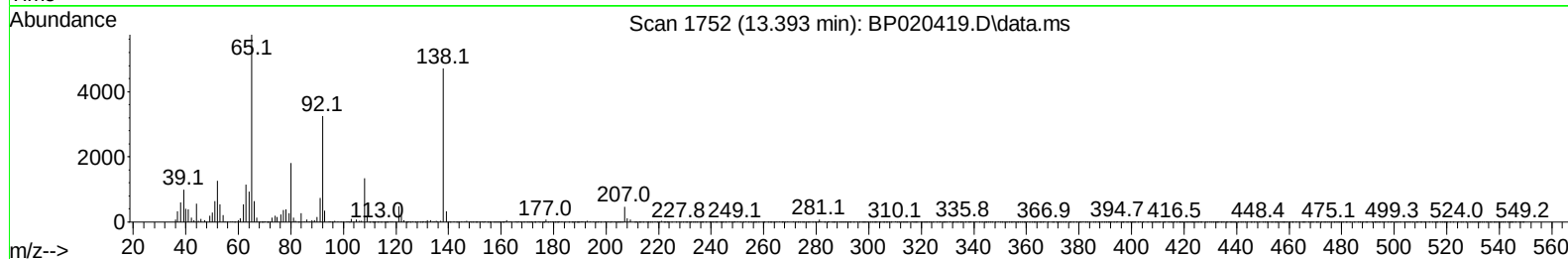
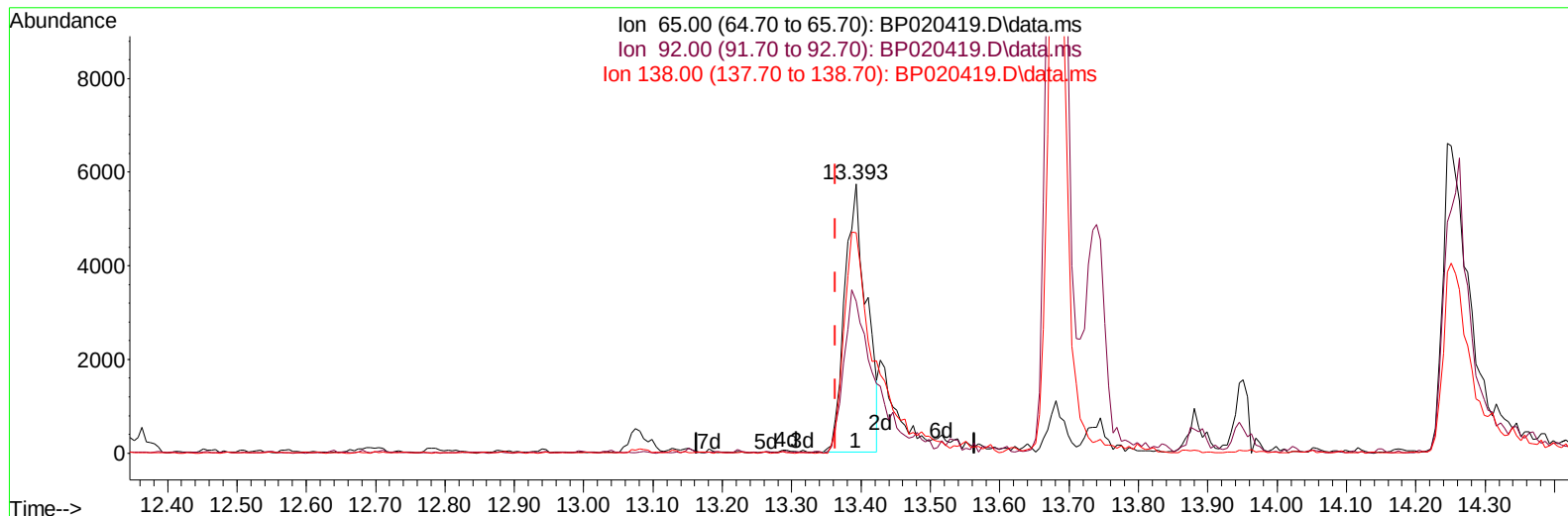
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TIC: BP020419.D\data.ms

(45) 2-Nitroaniline

13.393min (+ 0.030) 2.91 ng/ul

response 12417

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	69.50	56.56
138.00	91.40	81.98
0.00	0.00	0.00

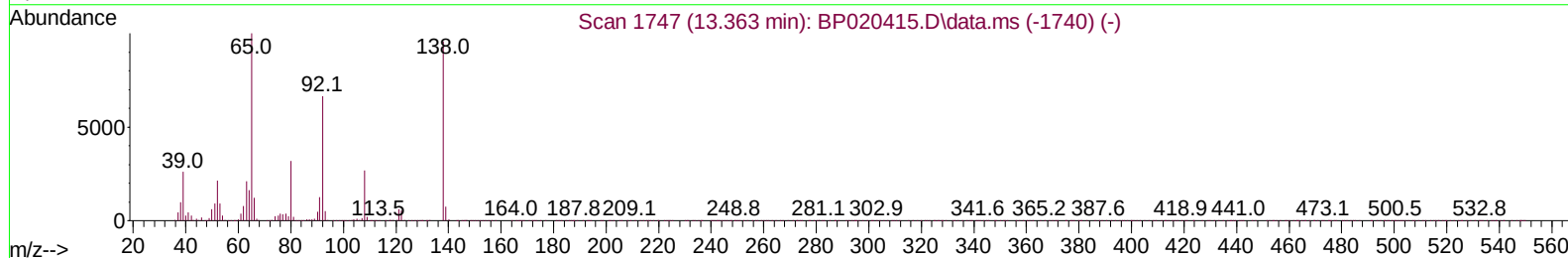
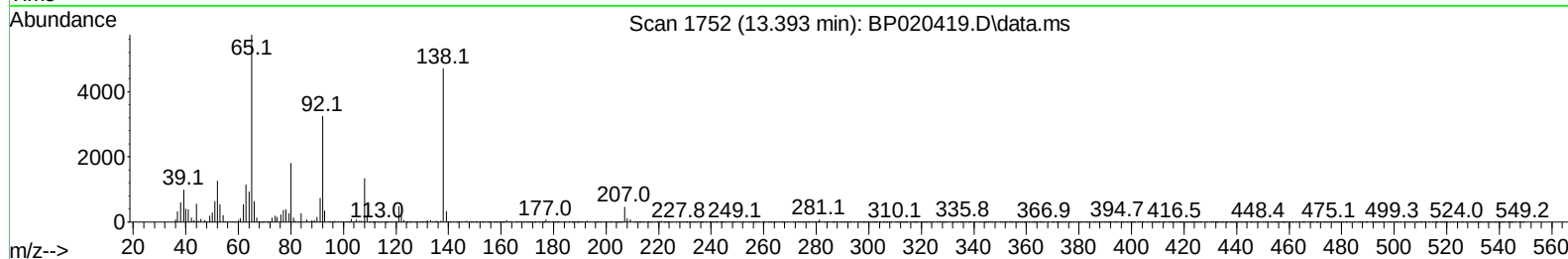
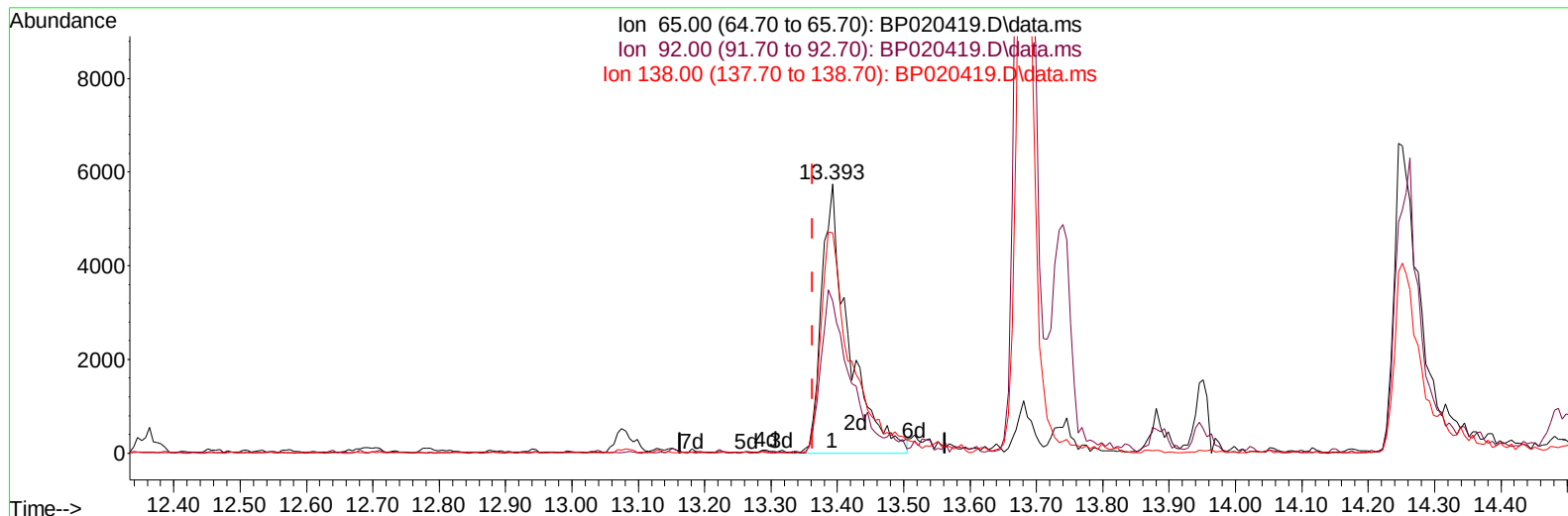
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(45) 2-Nitroaniline

13.393min (+ 0.030) 3.82 ng/ul m

response 16296

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	69.50	56.56
138.00	91.40	81.98
0.00	0.00	0.00

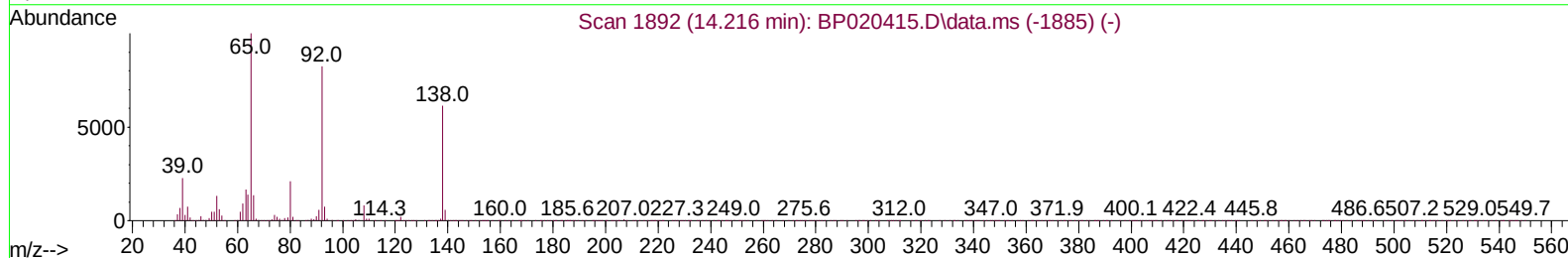
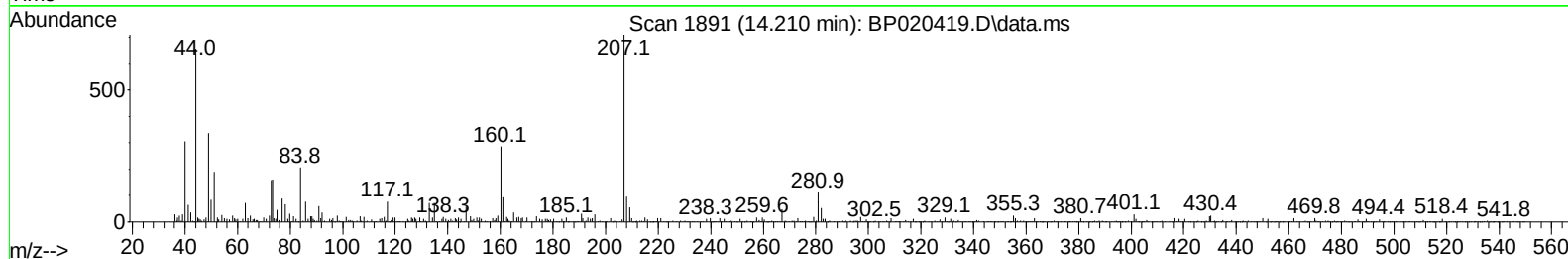
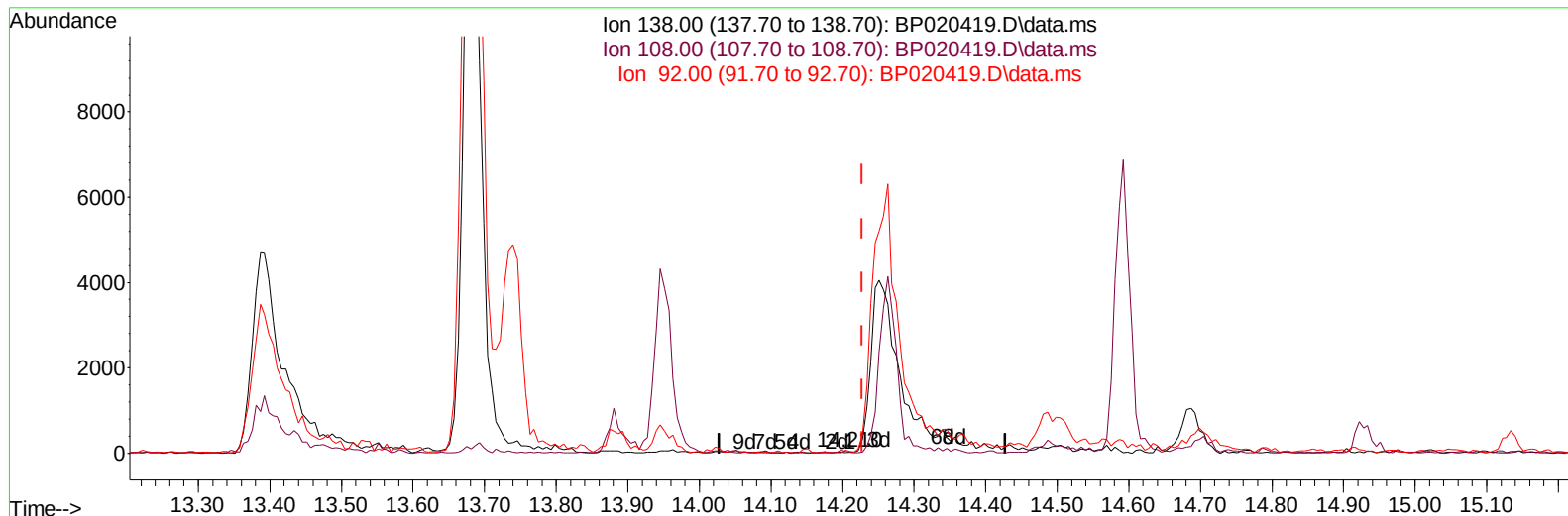
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(51) 3-Nitroaniline

14.210min (-0.018) 0.01 ng/ul

response 18

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	13.50	61.29#
92.00	129.10	116.13
0.00	0.00	0.00

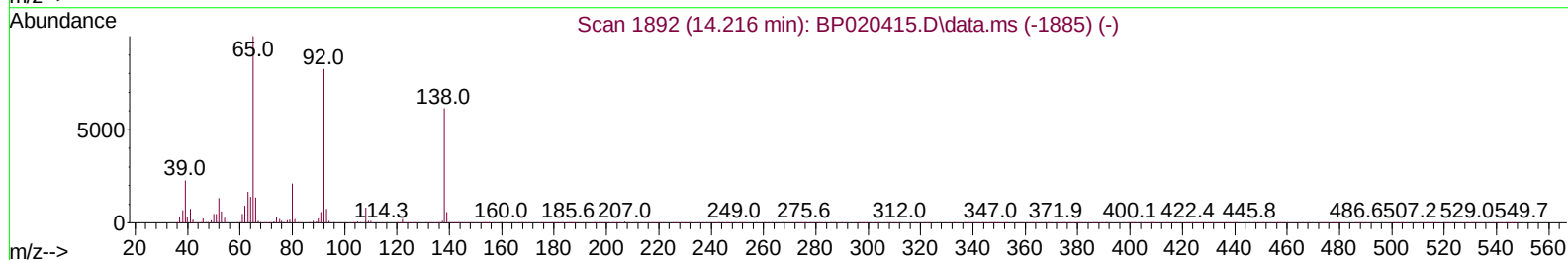
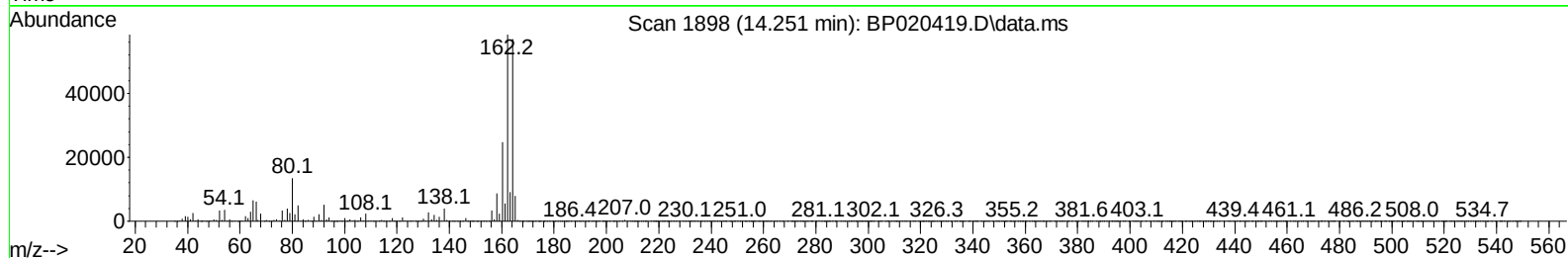
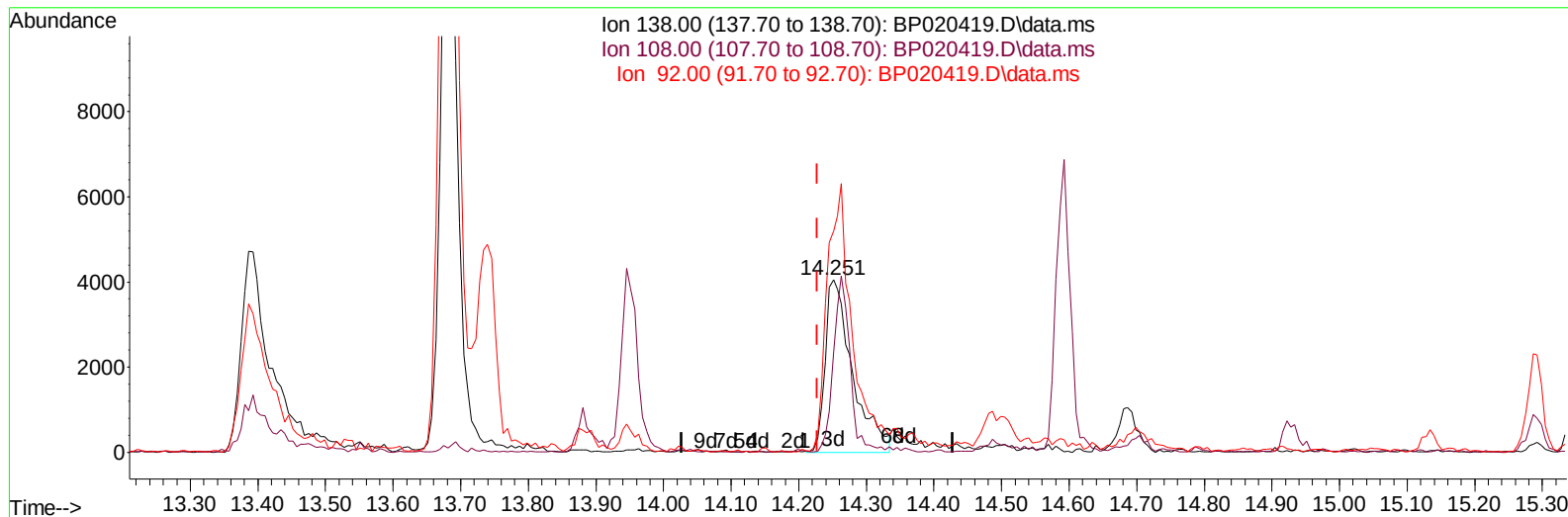
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(51) 3-Nitroaniline

14.251min (+ 0.024) 3.60 ng/ul m

response 11303

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	13.50	57.91#
92.00	129.10	127.91
0.00	0.00	0.00

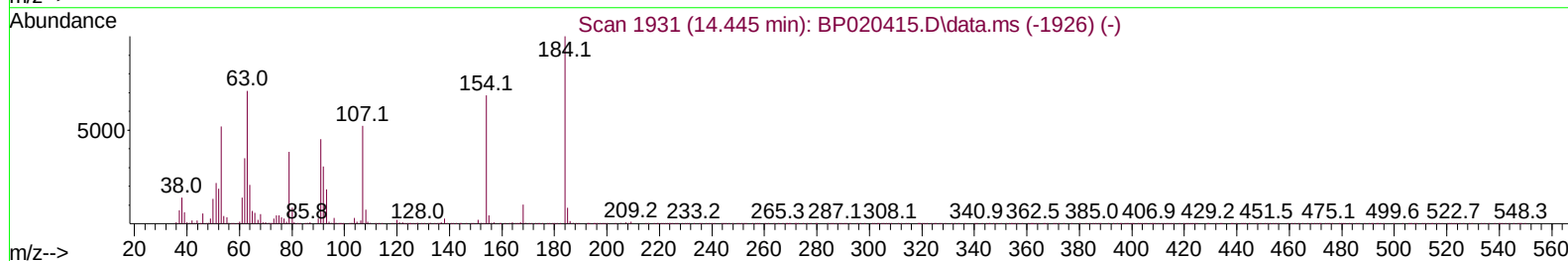
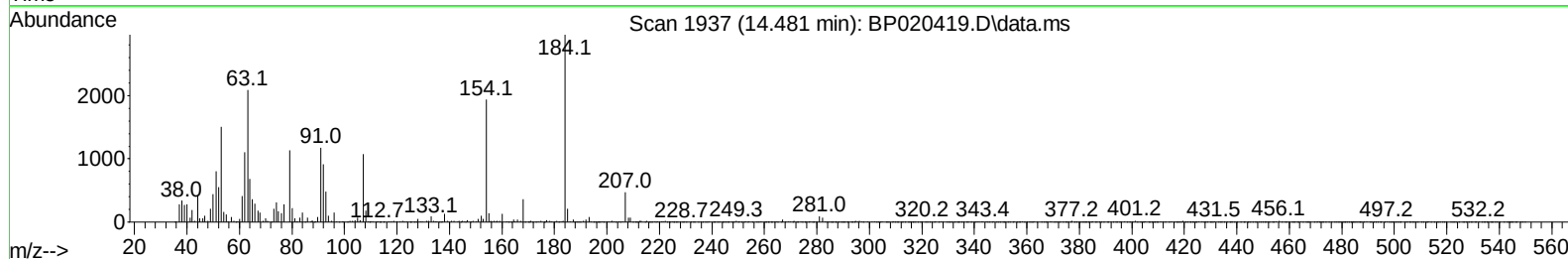
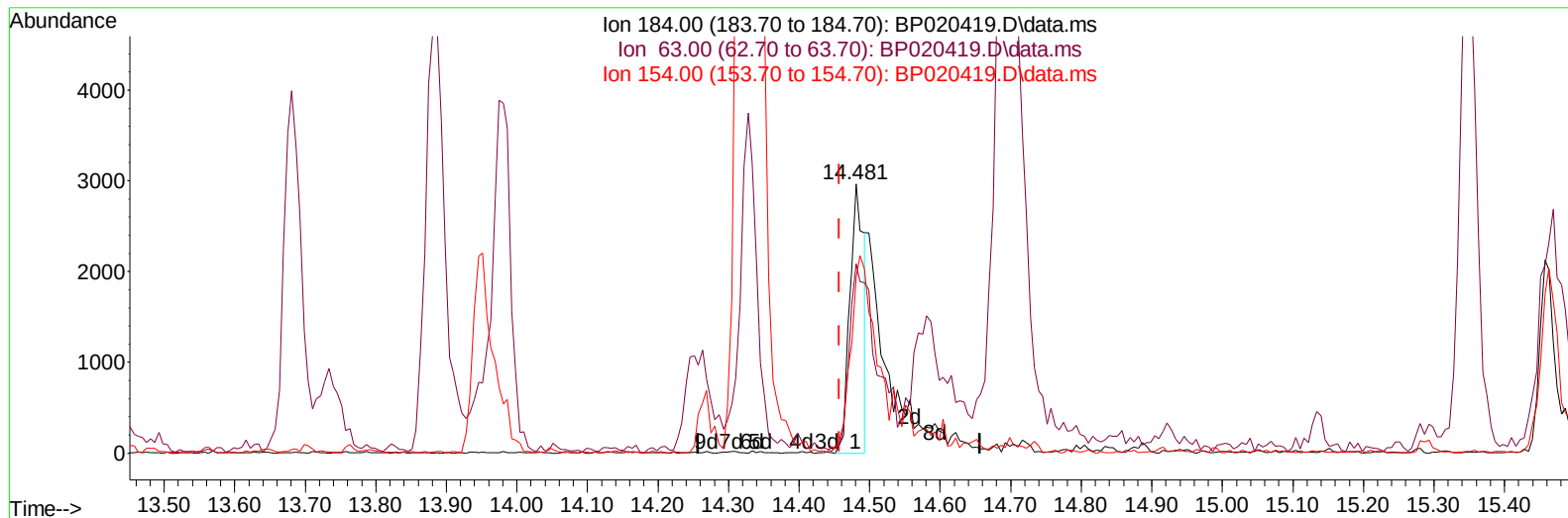
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(53) 2,4-Dinitrophenol**14.481min (+ 0.024) 1.98 ng/ul****response 4083**

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.00	70.47
154.00	67.30	65.41
0.00	0.00	0.00

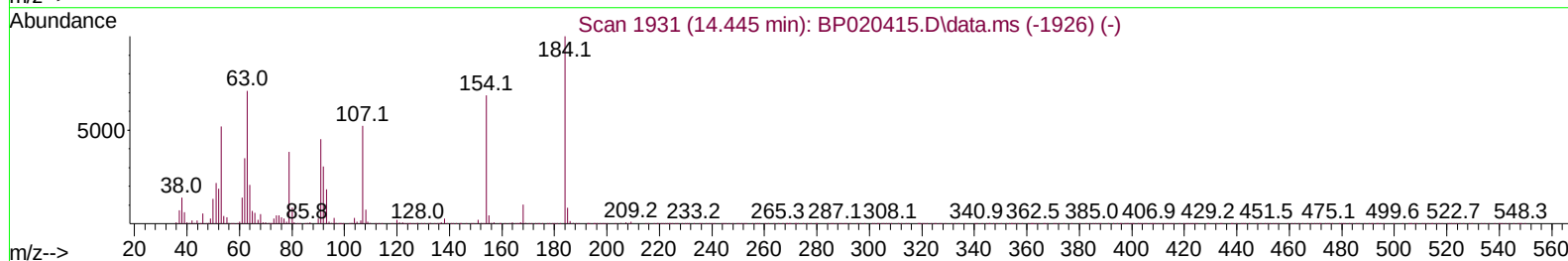
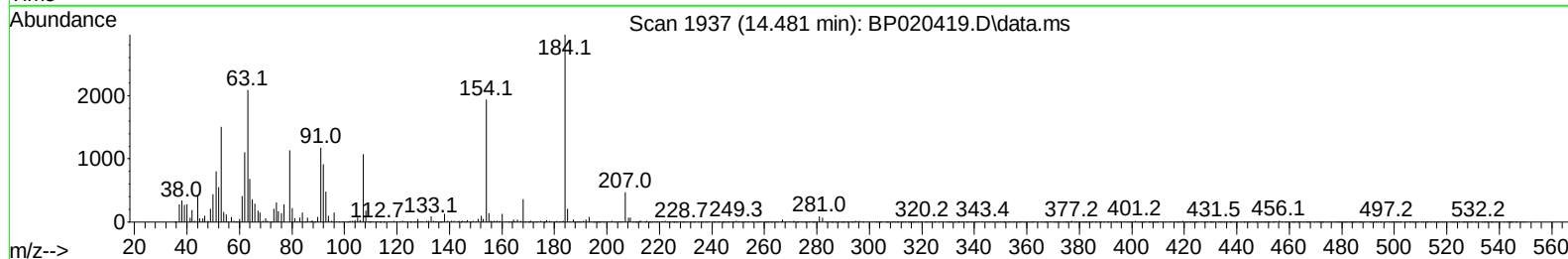
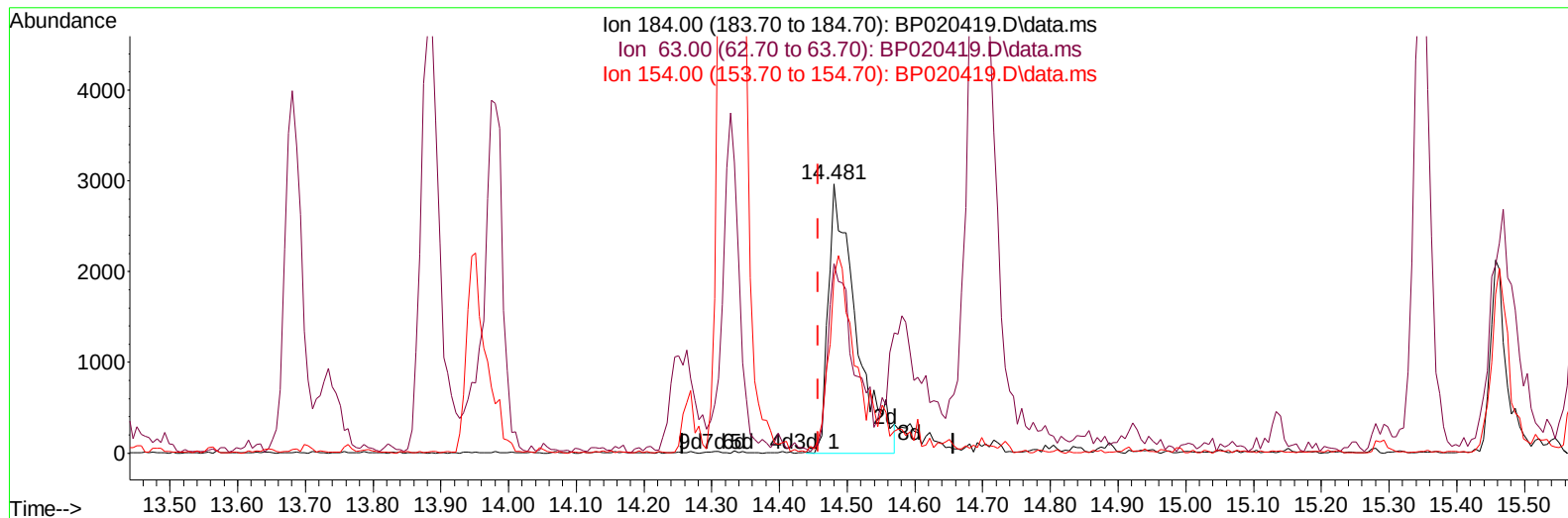
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(53) 2,4-Dinitrophenol

14.481min (+ 0.024) 4.06 ng/ul m

response 8390

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.00	70.47
154.00	67.30	65.41
0.00	0.00	0.00

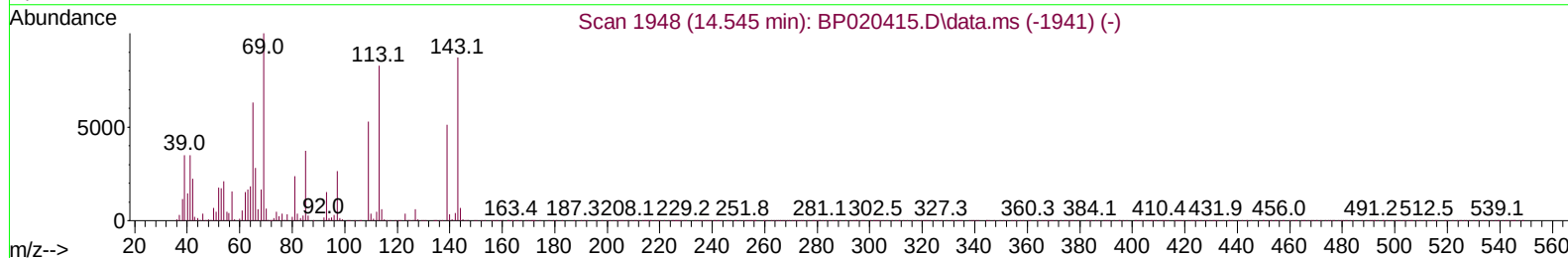
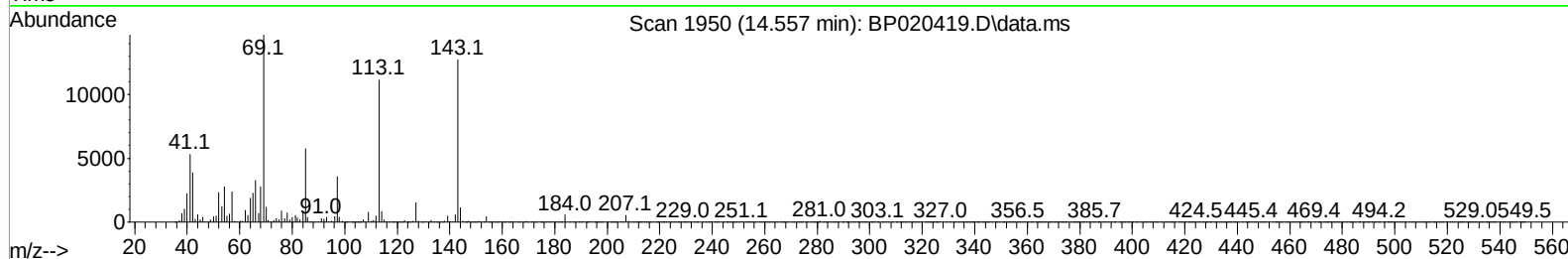
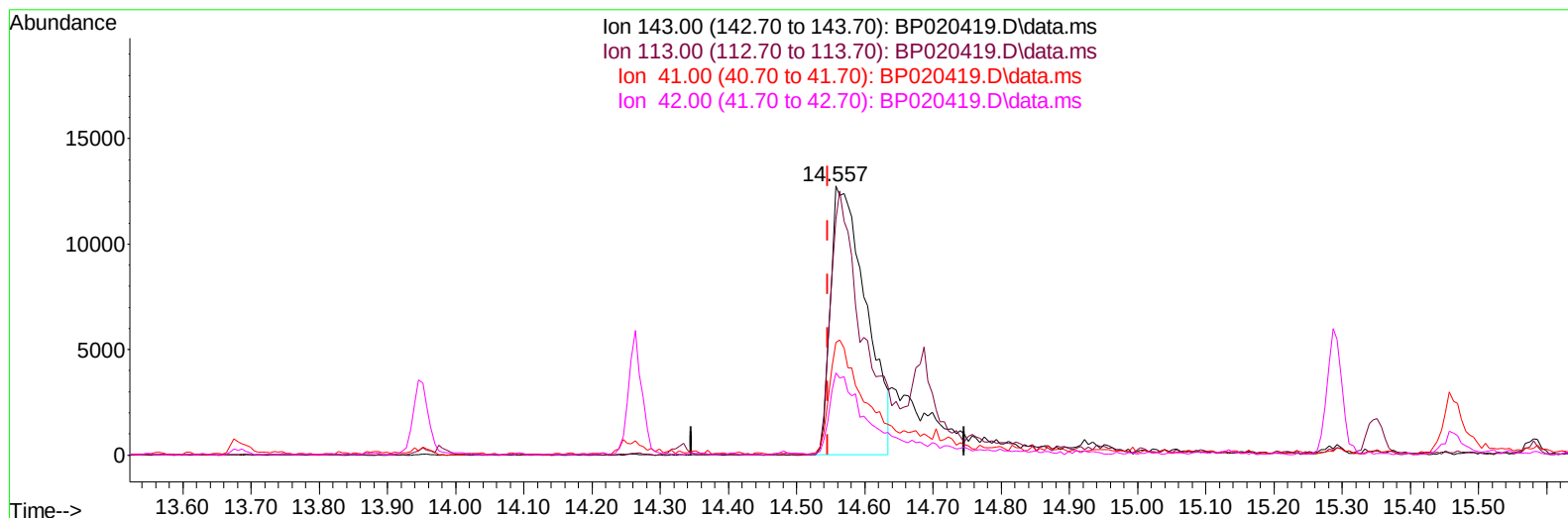
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.557min (+ 0.012) 17.81 ng/ul

response 45839

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	87.59
41.00	50.30	41.94
42.00	32.50	30.58

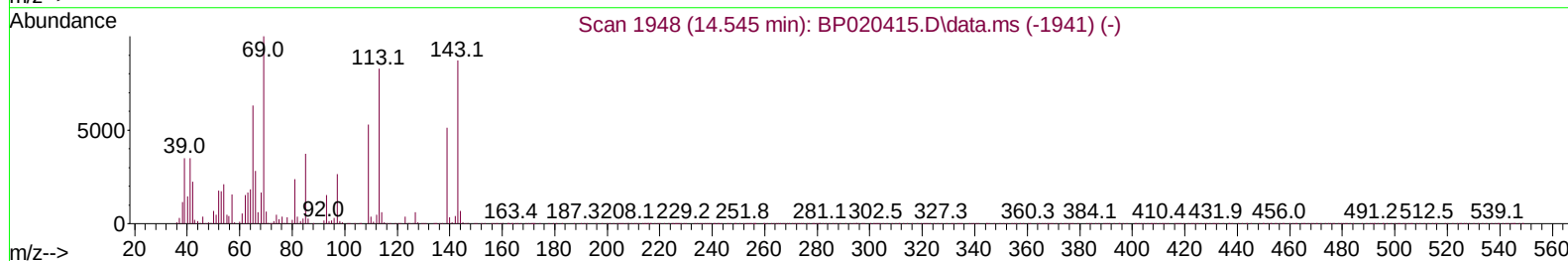
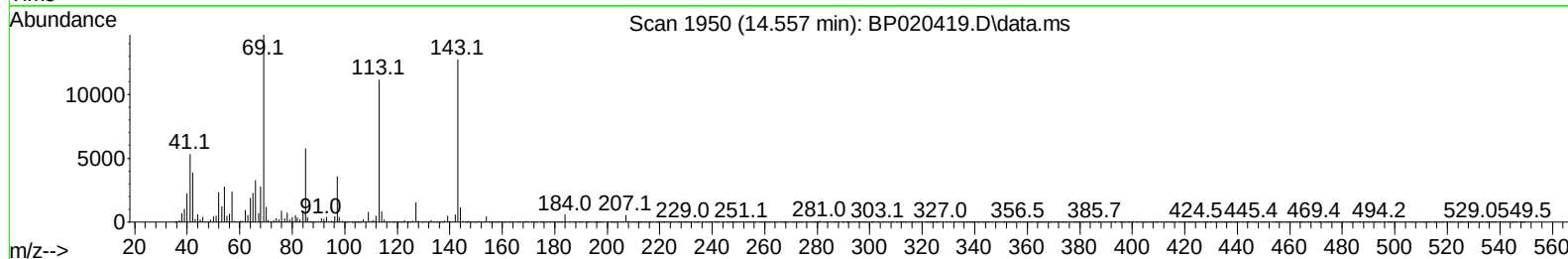
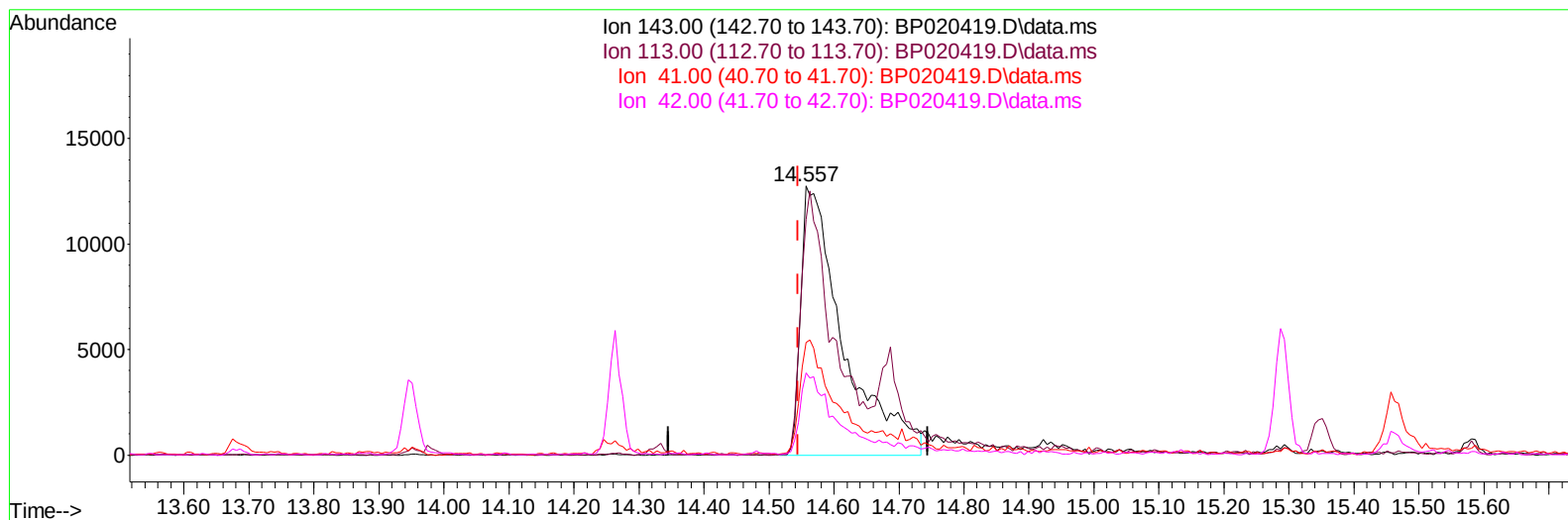
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 12:54:05 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 :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.557min (+ 0.012) 22.59 ng/ul m

response 58144

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.40	87.59
41.00	50.30	41.94
42.00	32.50	30.58

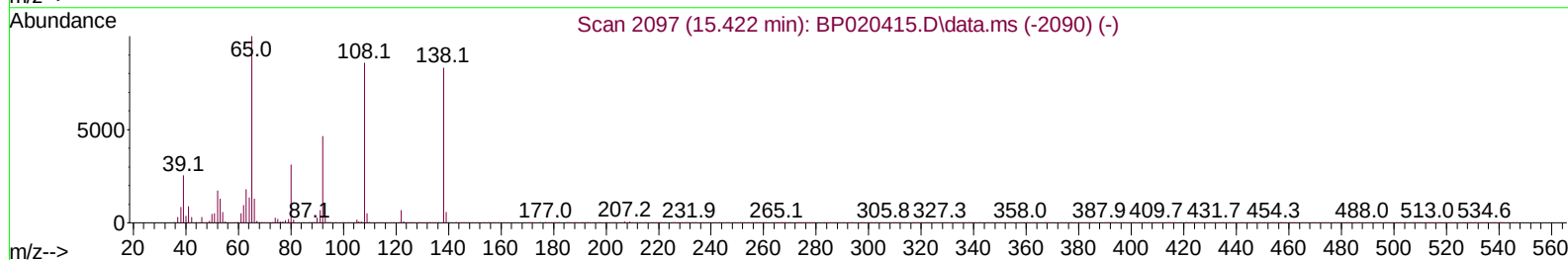
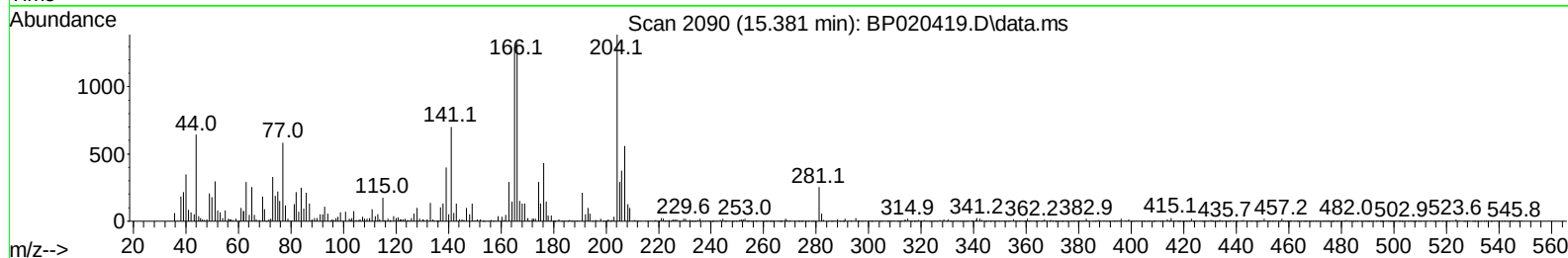
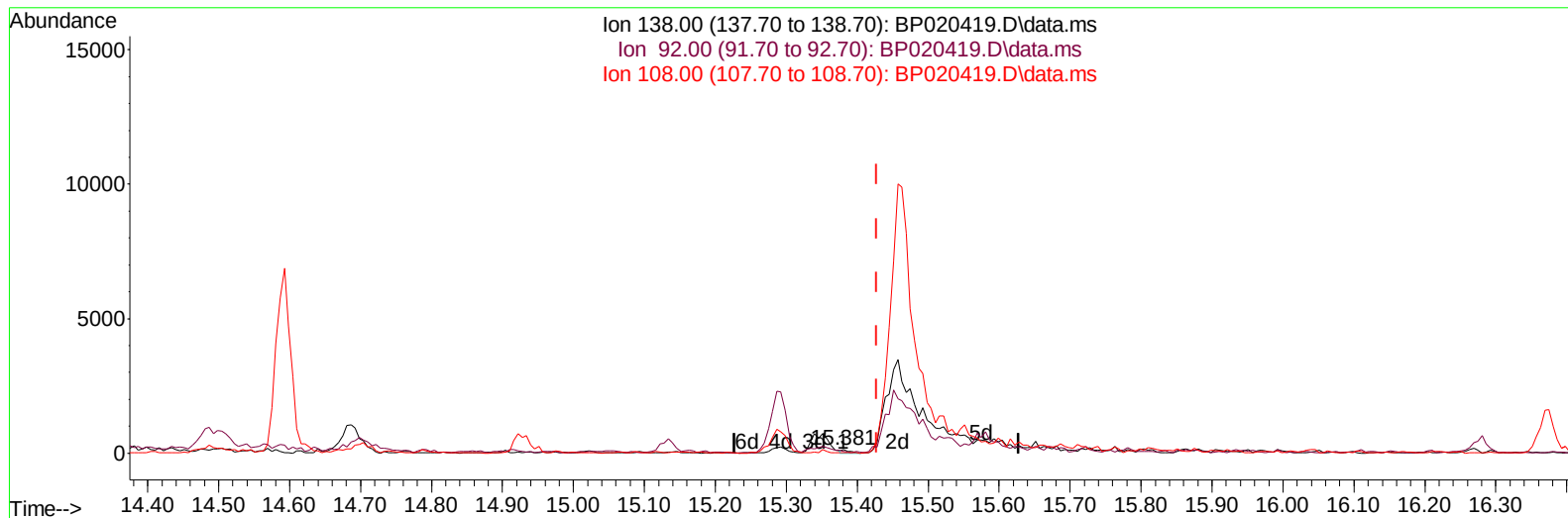
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(63) 4-Nitroaniline

15.381min (-0.047) 0.03 ng/ul

response 88

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.50	40.15#
108.00	113.10	12.88#
0.00	0.00	0.00

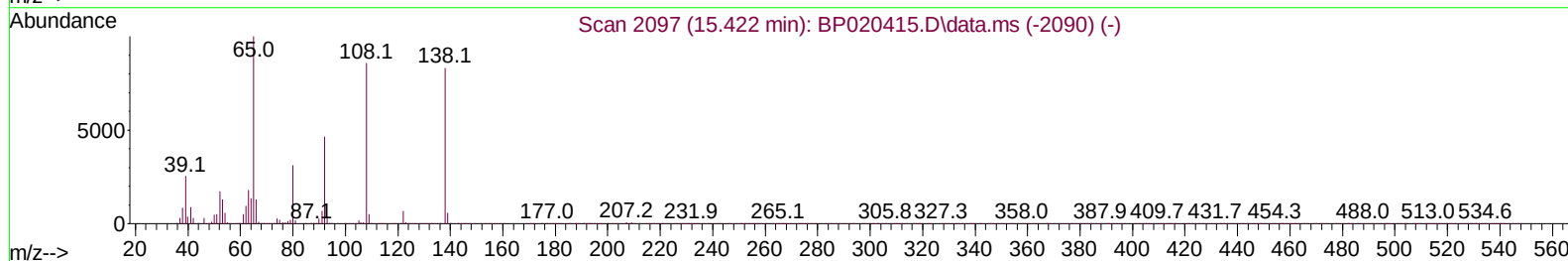
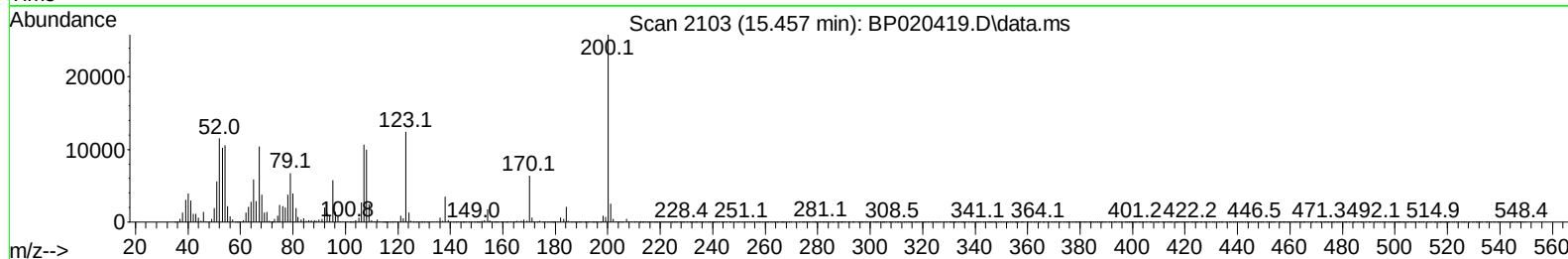
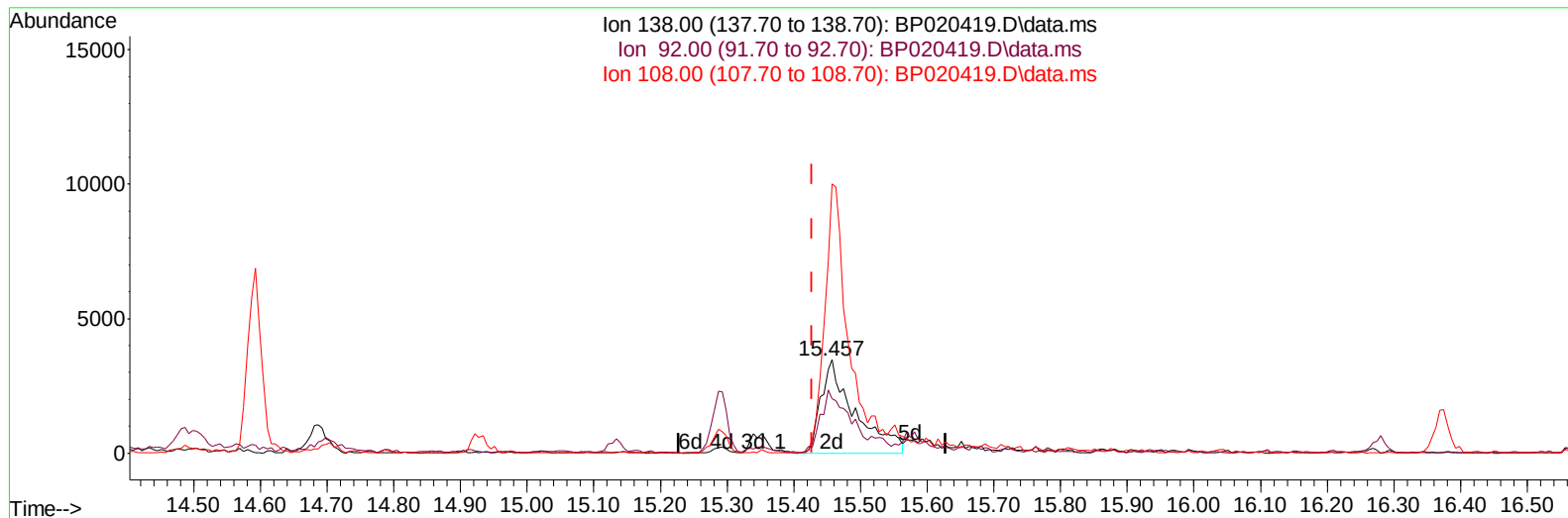
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.030) 4.62 ng/ul m

response 12085

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.50	58.07
108.00	113.10	288.21#
0.00	0.00	0.00

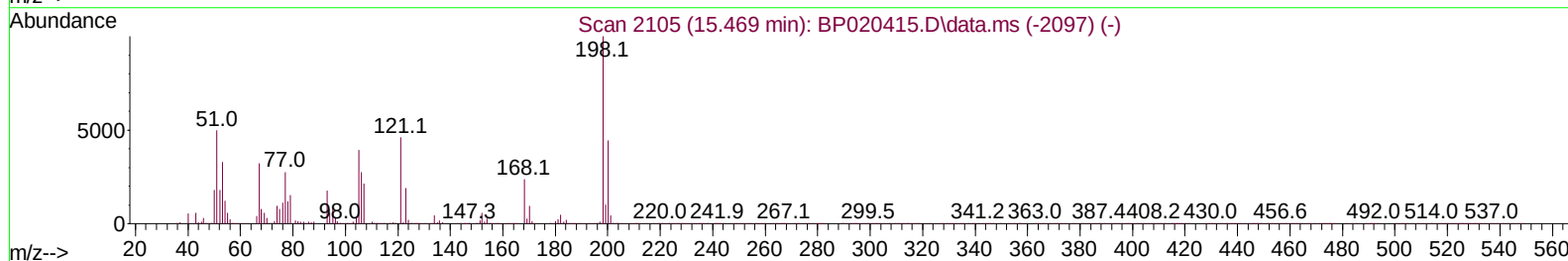
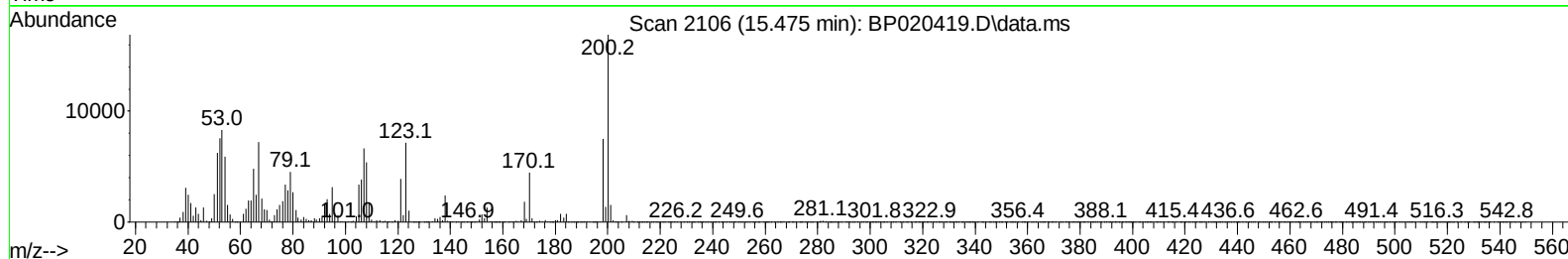
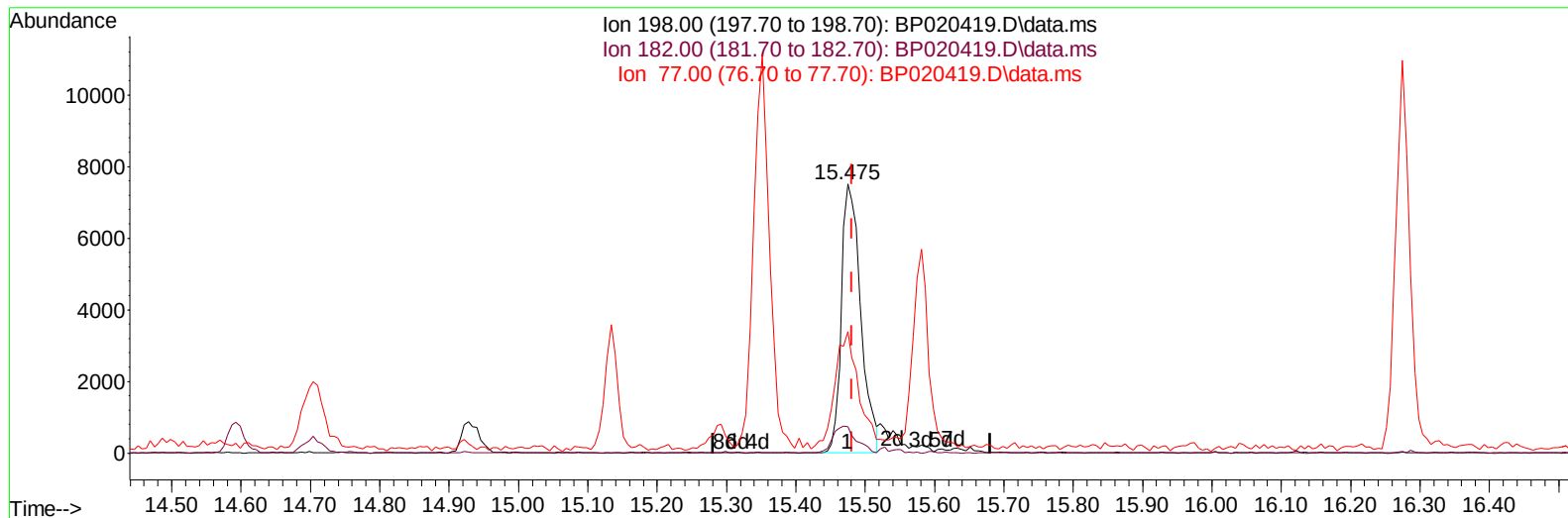
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
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Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

15.475min (-0.006) 3.97 ng/ul

response 14424

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	4.10	9.70#
77.00	30.50	45.23#
0.00	0.00	0.00

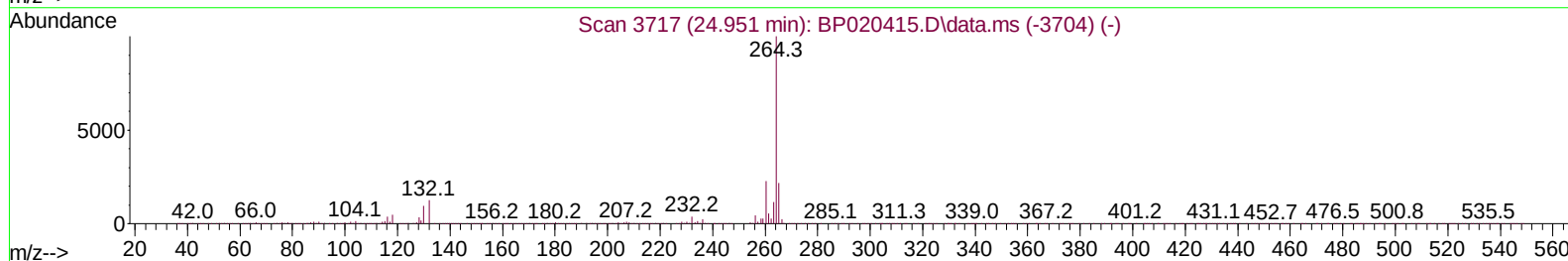
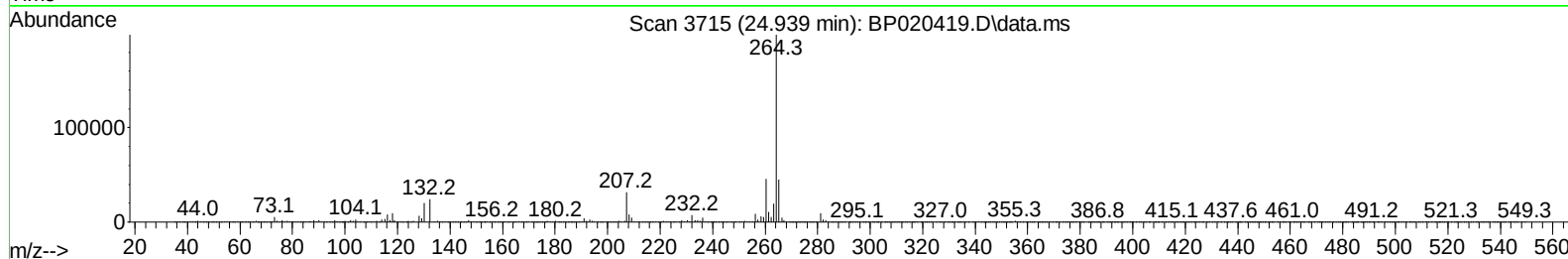
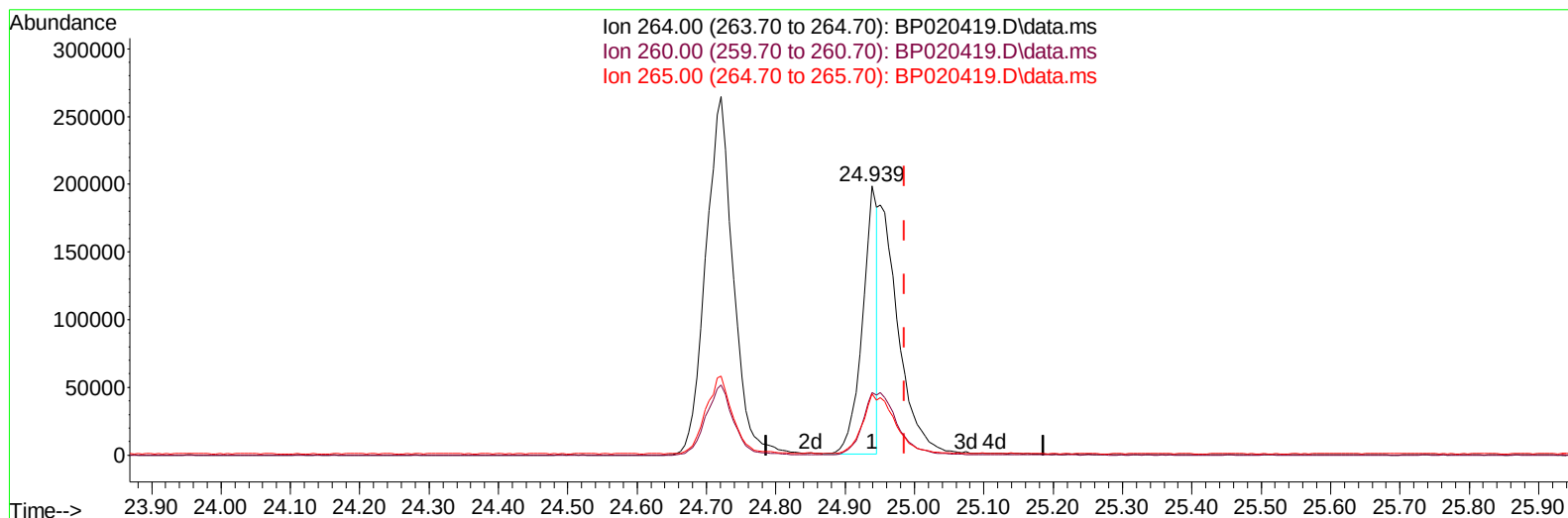
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 12:54:05 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 :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

(88) Perylene-d12 (I)

24.939min (-0.047) 20.00 ng/ul

response 294064

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.60	23.18
265.00	21.50	22.74
0.00	0.00	0.00

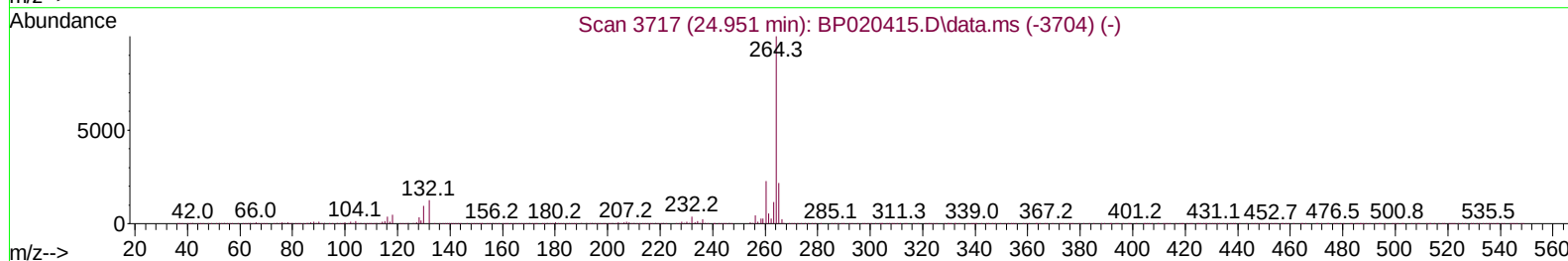
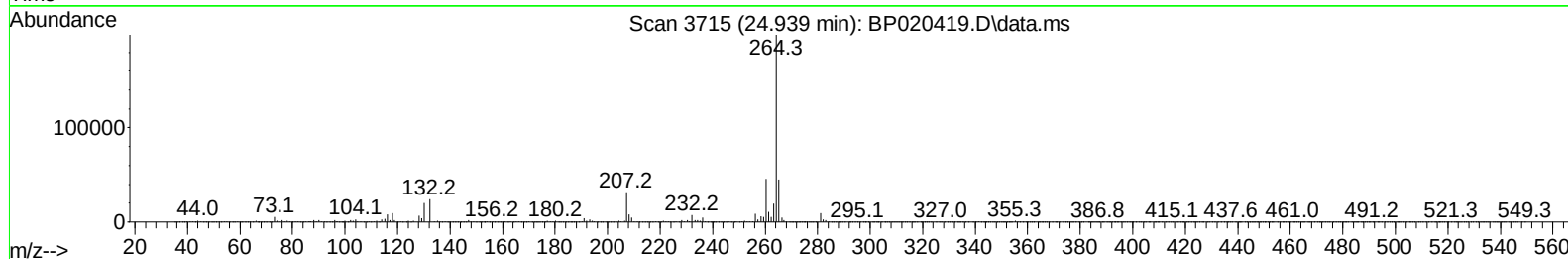
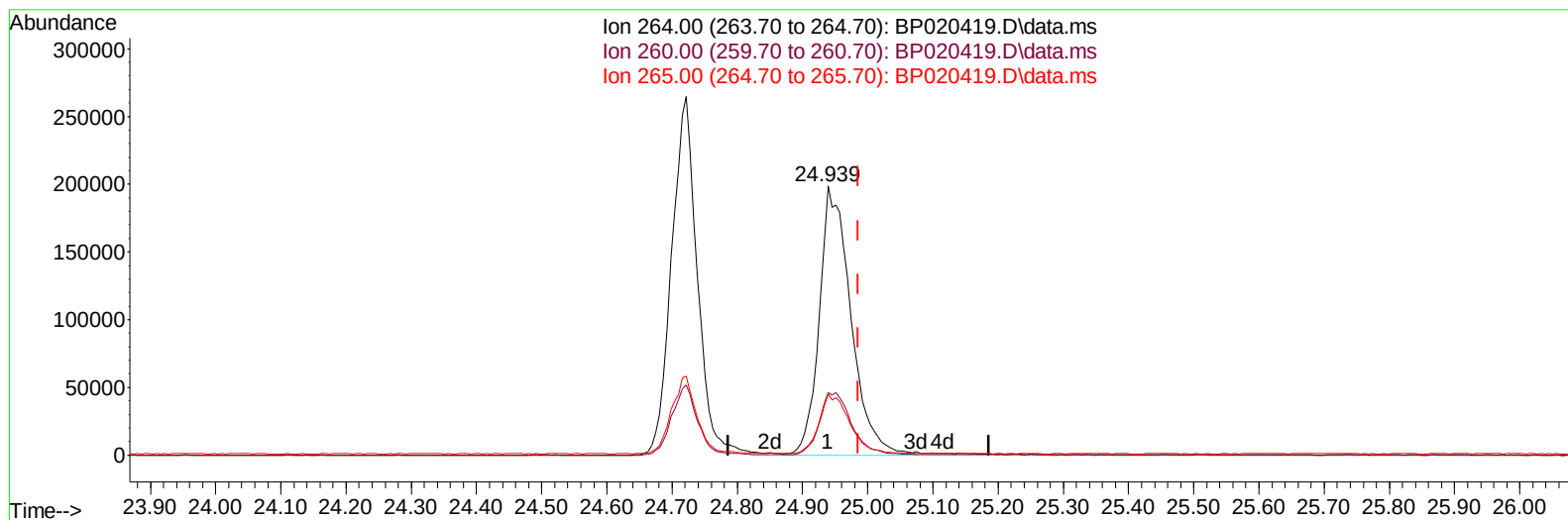
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 12:54:05 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: BP020419.D\data.ms

(88) Perylene-d12 (I)

24.939min (-0.047) 20.00 ng/ul m

response 670039

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.60	23.18
265.00	21.50	22.74
0.00	0.00	0.00

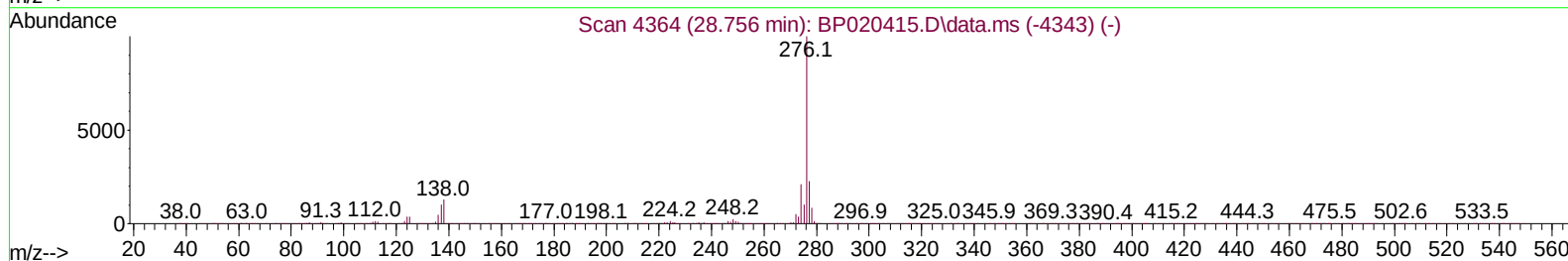
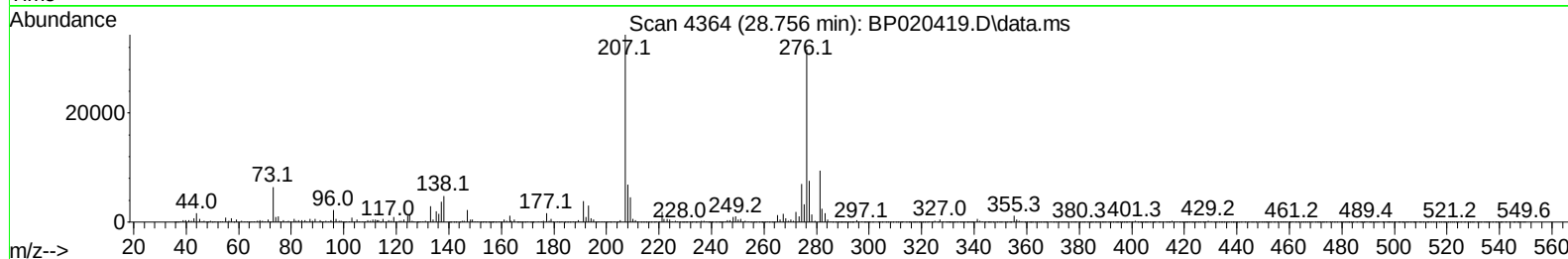
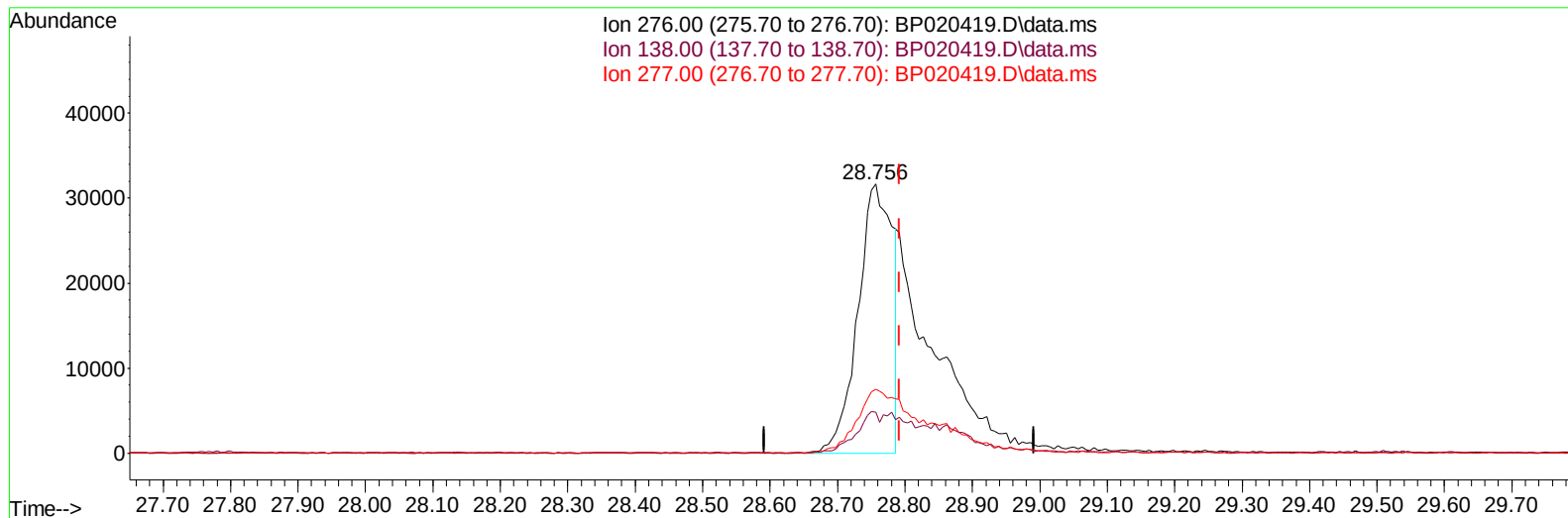
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 13:05:08 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 :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

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

28.756min (-0.035) 2.41 ng/uL

response 112056

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	15.21
277.00	23.70	23.80
0.00	0.00	0.00

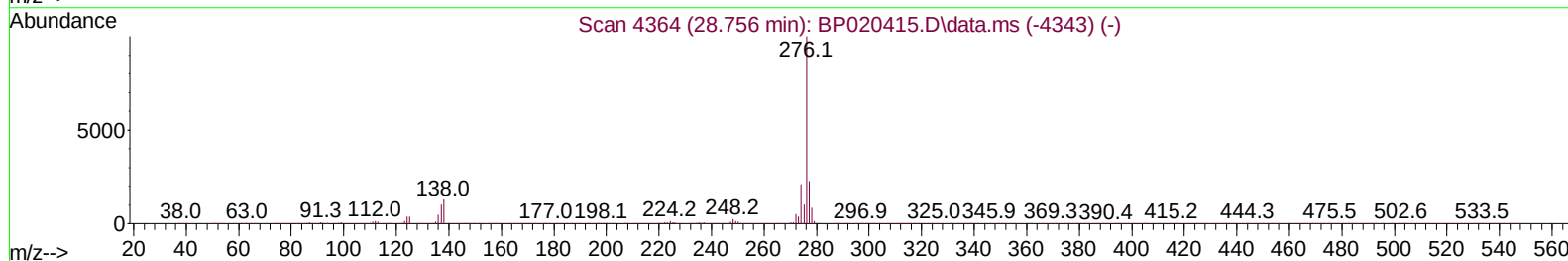
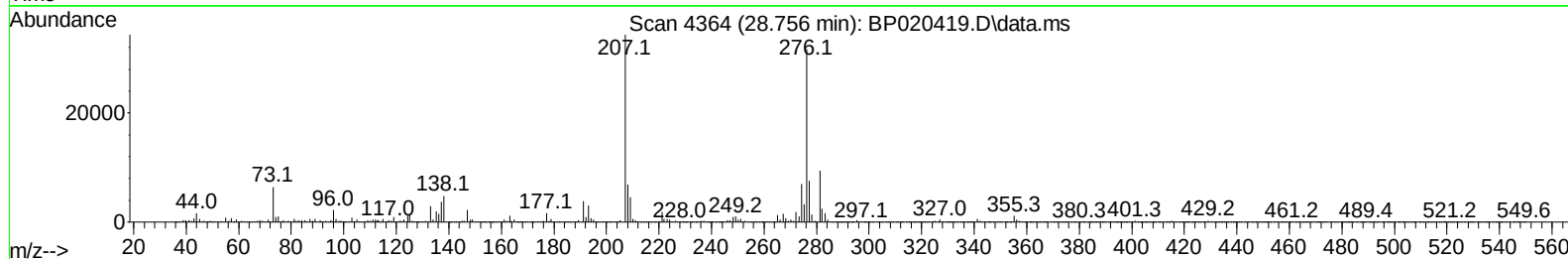
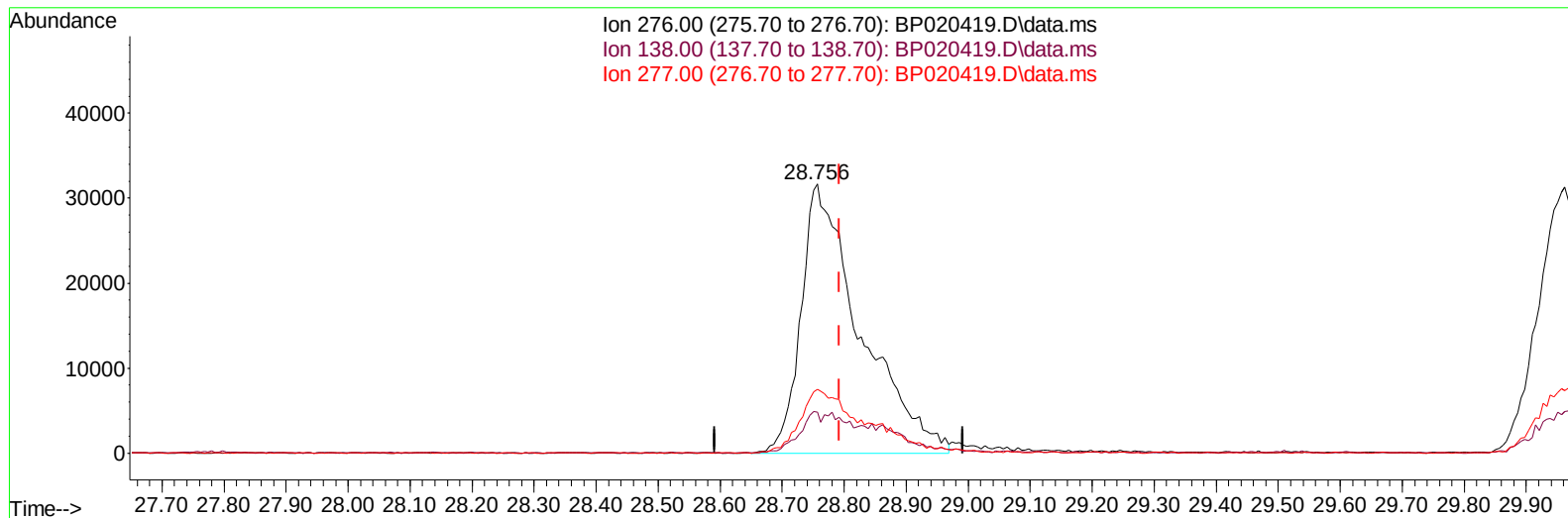
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 13:05:08 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 :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

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

28.756min (-0.035) 4.52 ng/ul m

response 210066

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	15.21
277.00	23.70	23.80
0.00	0.00	0.00

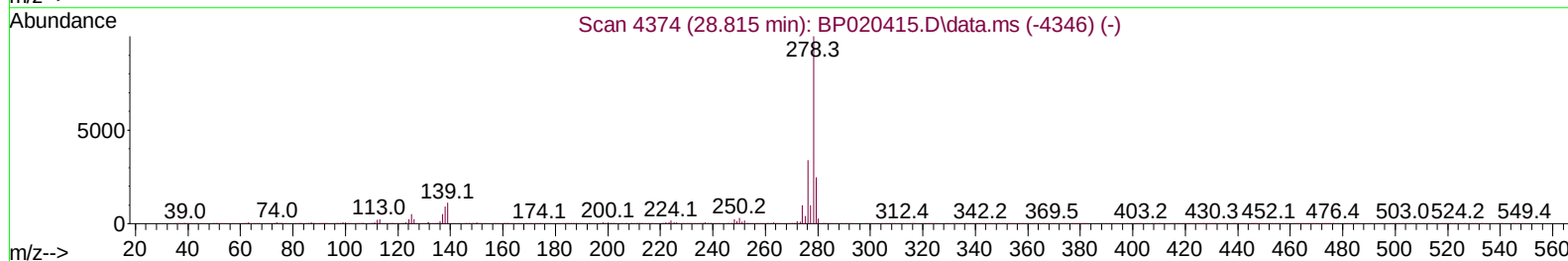
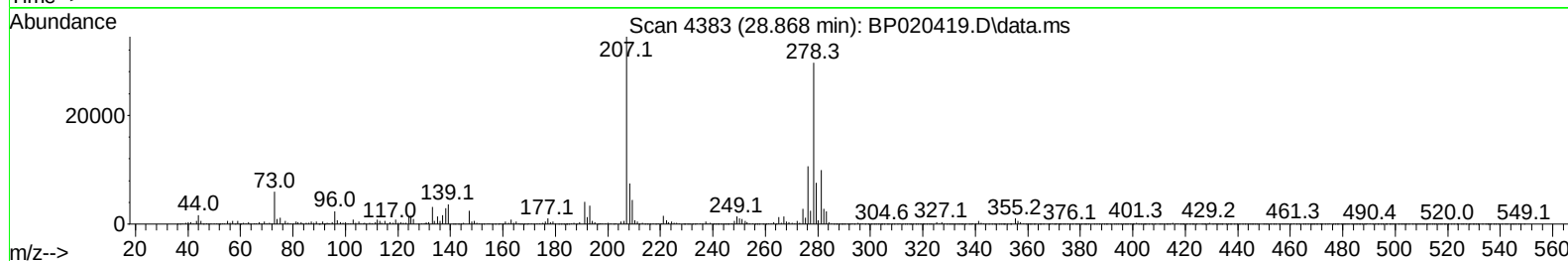
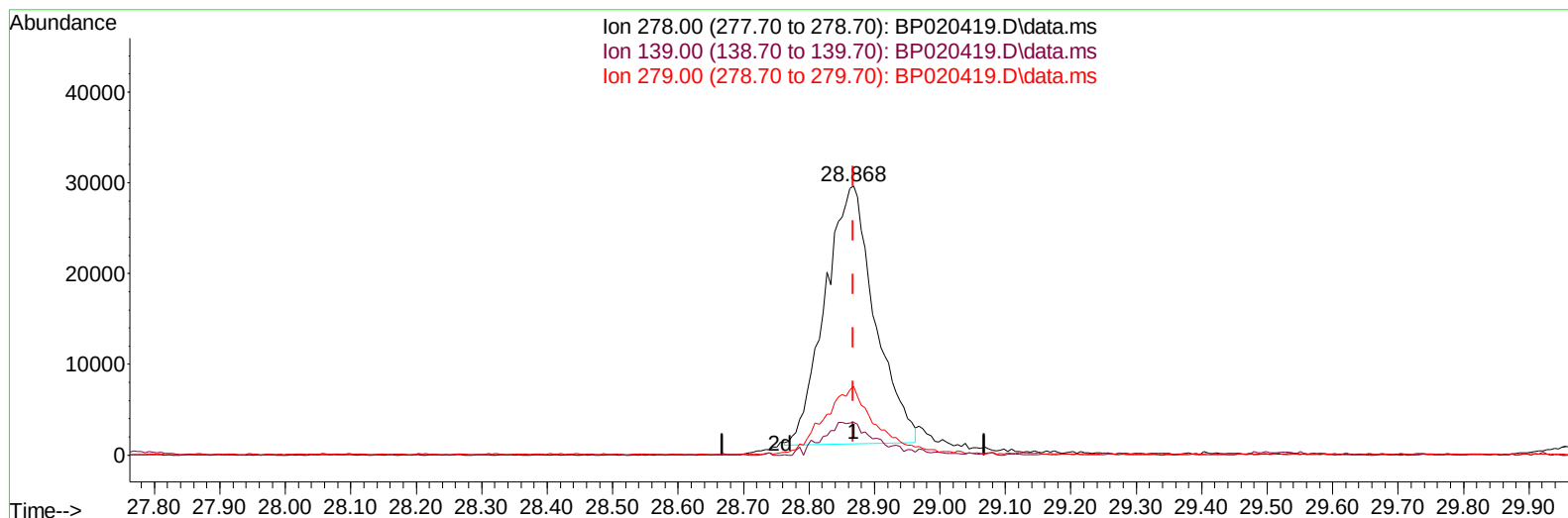
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 13:05:08 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
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Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

(95) Dibenzo(a,h)anthracene

28.868min (+ 0.000) 3.91 ng/u1

response 150261

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	12.13
279.00	24.10	25.52
0.00	0.00	0.00

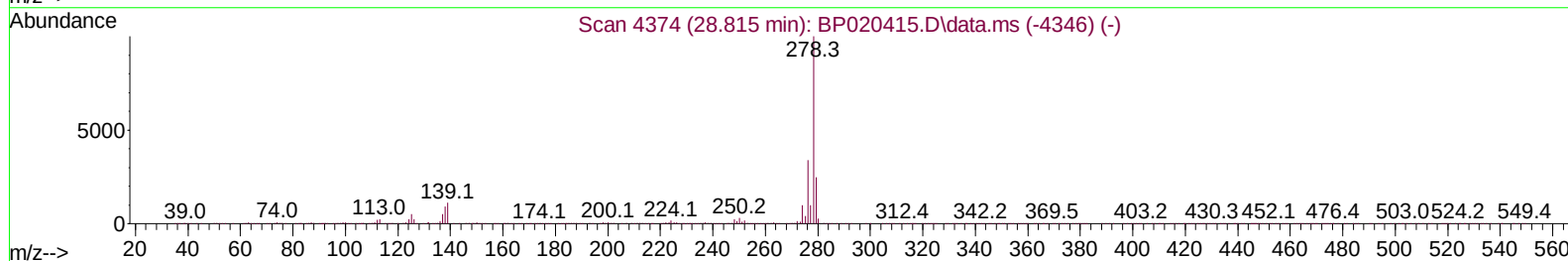
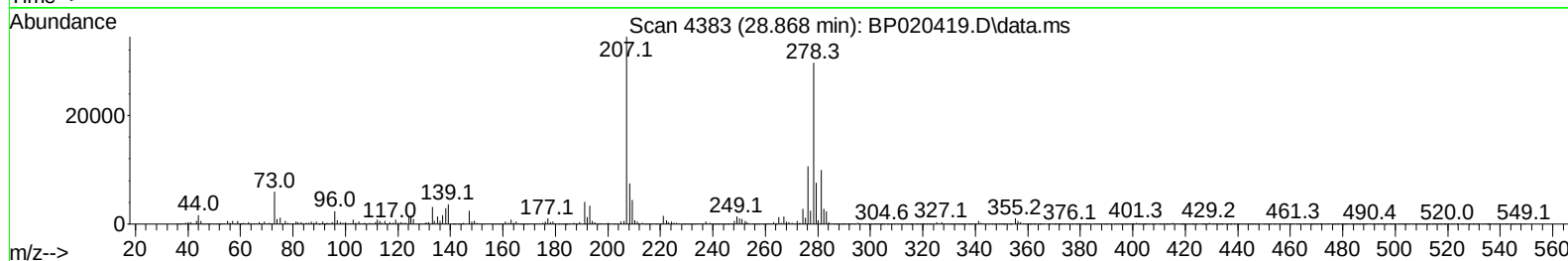
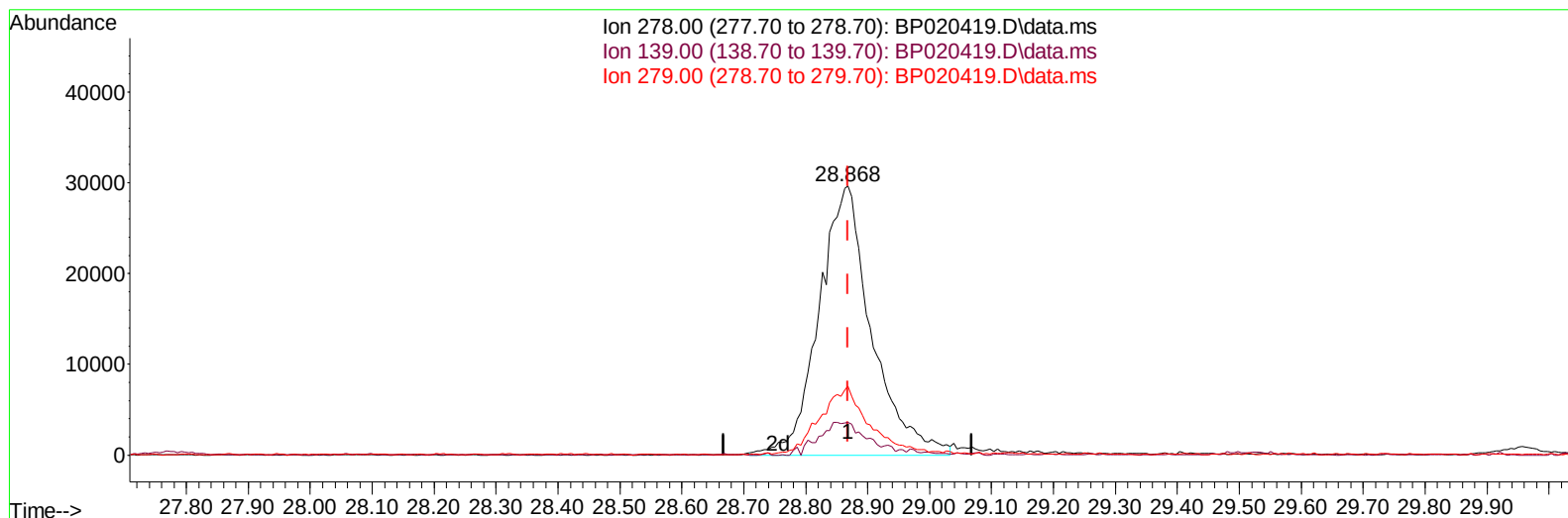
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Quant Time: May 17 13:05:08 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 :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



TIC: BP020419.D\data.ms

(95) Dibenzo(a,h)anthracene

28.868min (+ 0.000) 4.55 ng/ul m

response 174981

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	12.13
279.00	24.10	25.52
0.00	0.00	0.00

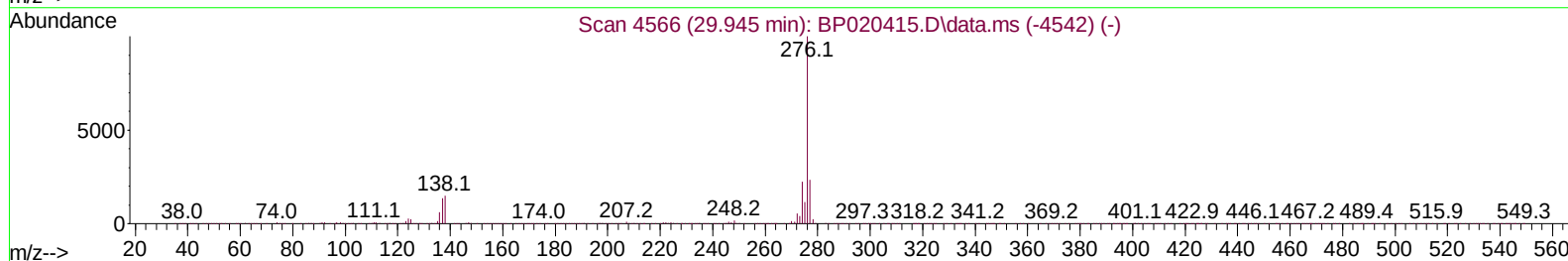
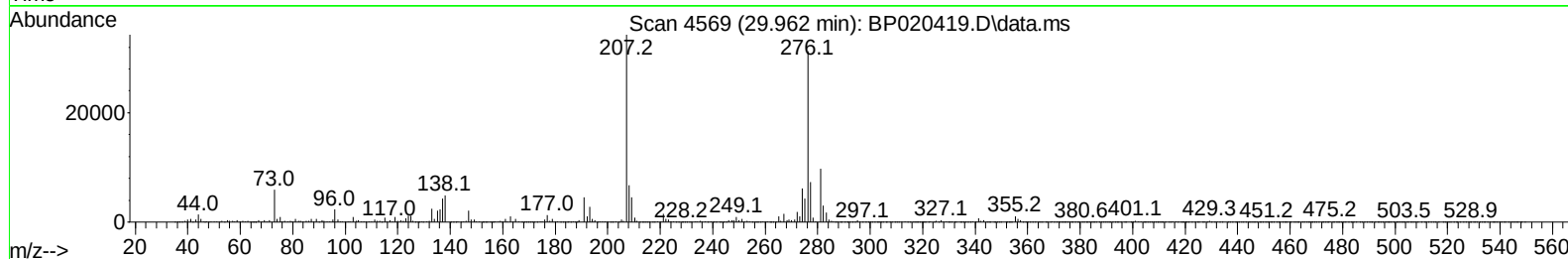
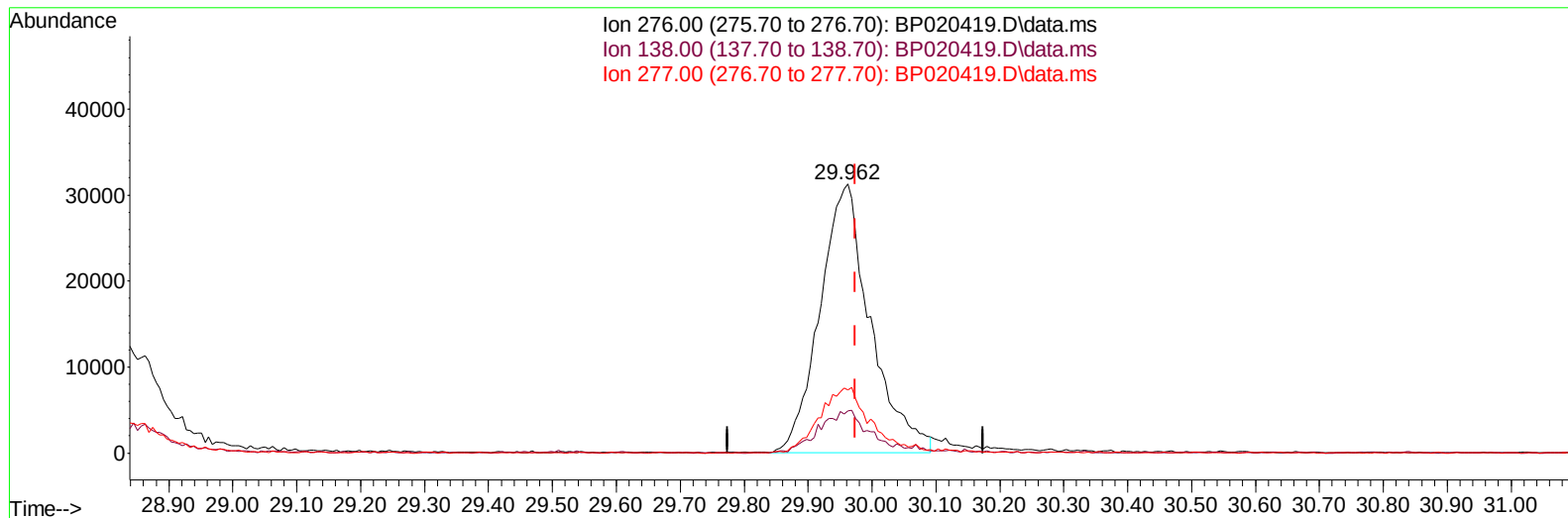
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 13:05:08 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: BP020419.D\data.ms

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

29.962min (-0.012) 4.55 ng/u1

response 170770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.60
277.00	24.20	23.41
0.00	0.00	0.00

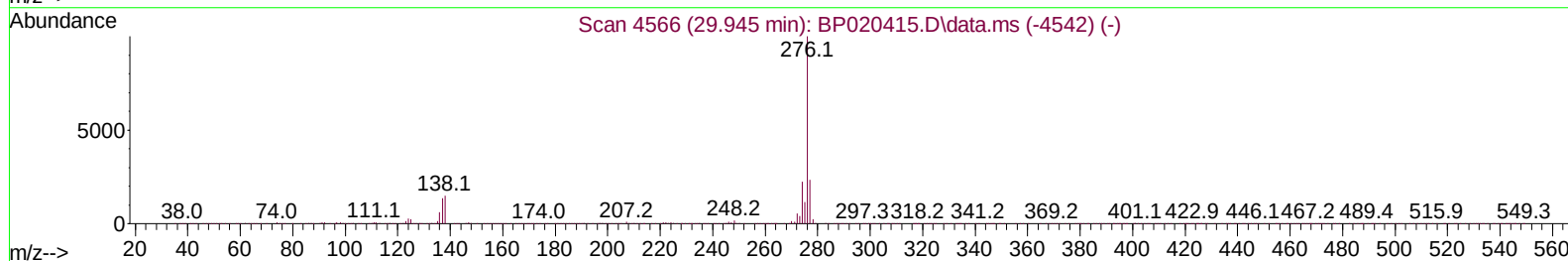
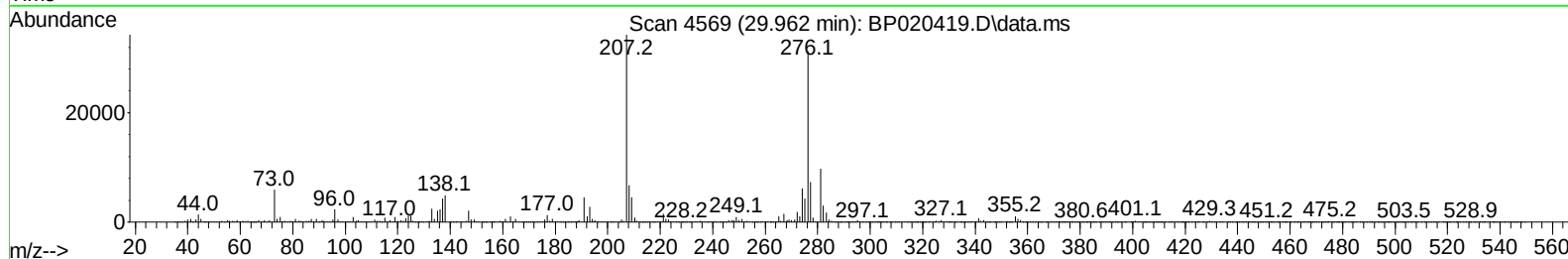
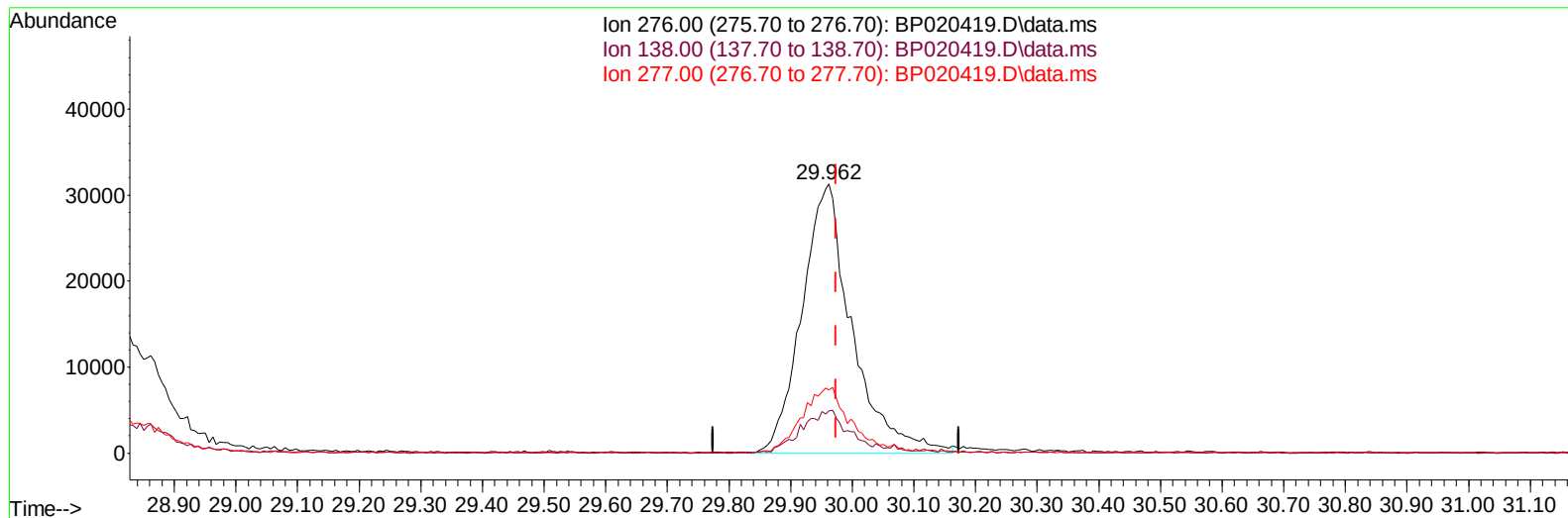
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020419.D
Acq On : 17 May 2024 11:36
Operator : MA/JU
Sample : P2409-06
Misc : SFAM-MDL-ME-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 13:05:08 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: BP020419.D\data.ms

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

29.962min (-0.012) 4.71 ng/ul m

response 176429

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	15.60
277.00	24.20	23.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 13:07:01 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	7.587	152	87453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	344487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	229331	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.104	188	549761	20.000	ng/ul	-0.02
79) Chrysene-d12	21.604	240	613498	20.000	ng/ul	-0.02
88) Perylene-d12	24.939	264	670039m	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10264	4.957	ng/uL	0.00
4) Pyridine-d5	3.593	84	123097	20.459	ng/ul	0.00
7) Phenol-d5	6.775	99	151696	20.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	92221	20.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	119075	22.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	113919	18.761	ng/ul	0.00
21) Nitrobenzene-d5	8.746	128	57931	22.457	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	61937	20.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	113568	21.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	142828	18.931	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	377000	22.511	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	422001	22.811	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.557	143	58144m	22.590	ng/ul	0.01
60) Fluorene-d10	15.292	176	327441	23.441	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	57663	16.529	ng/ul	0.00
73) Anthracene-d10	17.216	188	507938	21.357	ng/ul	-0.02
81) Pyrene-d10	19.616	212	693864	19.348	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.721	264	729729	22.524	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Pyridine	3.611	79	26214	4.307	ng/ul#	52
6) Benzaldehyde	6.775	77	19797	5.244	ng/ul	96
8) Phenol	6.805	94	32308	4.168	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.034	93	26651	4.394	ng/ul	99
12) 2-Chlorophenol	7.158	128	26228	4.679	ng/ul	93
13) 2-Methylphenol	8.040	108	21354	3.693	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	32895	4.347	ng/ul#	89
16) Acetophenone	8.422	105	41126	4.081	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.387	70	20035	3.664	ng/ul	96
18) 4-Methylphenol	8.375	108	20427	3.250	ng/ul	88
19) Hexachloroethane	8.622	117	12321	4.806	ng/ul	87
22) Nitrobenzene	8.793	77	33976	4.588	ng/ul	97
23) Isophorone	9.310	82	56557	3.972	ng/ul	99
25) 2-Nitrophenol	9.499	139	14183	4.635	ng/ul	91
26) 2,4-Dimethylphenol	9.563	107	20822	3.119	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.799	93	31233	3.956	ng/ul	96
29) 2,4-Dichlorophenol	10.034	162	24426m	4.658	ng/ul	
30) Naphthalene	10.404	128	88099	4.962	ng/ul	98
32) 4-Chloroaniline	10.557	127	28563	3.871	ng/ul	100
33) Hexachlorobutadiene	10.657	225	21153	5.194	ng/ul	97
34) Caprolactam	11.393	113	7495m	4.094	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	26613m	4.076	ng/ul	
36) 2-Methylnaphthalene	12.046	142	56496	4.573	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020419.D
 Acq On : 17 May 2024 11:36
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 13:07:01 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)
37) 1-Methylnaphthalene	12.263	142	58560	4.710	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.422	216	35850	5.012	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	22602	5.811	ng/ul	90
41) 2,4,6-Trichlorophenol	12.693	196	19393m	4.324	ng/ul	
42) 2,4,5-Trichlorophenol	12.798	196	20286m	4.203	ng/ul	
43) 1,1'-Biphenyl	13.081	154	76811	4.735	ng/ul	96
44) 2-Chloronaphthalene	13.128	162	62494	4.855	ng/ul	96
45) 2-Nitroaniline	13.393	65	16296m	3.817	ng/ul	
47) Dimethylphthalate	13.740	163	79957	4.727	ng/ul	96
48) 2,6-Dinitrotoluene	13.881	165	14011	4.166	ng/ul	92
50) Acenaphthylene	13.981	152	103540	4.976	ng/ul	98
51) 3-Nitroaniline	14.251	138	11303m	3.604	ng/ul	
52) Acenaphthene	14.328	153	70497	5.041	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	8390m	4.065	ng/ul	
55) 4-Nitrophenol	14.581	109	12047	4.495	ng/ul	96
56) Dibenzofuran	14.687	168	97650	5.077	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	21974	4.545	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.928	232	20726	4.782	ng/ul#	94
59) Diethylphthalate	15.134	149	79388	4.701	ng/ul	99
61) Fluorene	15.345	166	78948	4.941	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	43635	5.147	ng/ul	97
63) 4-Nitroaniline	15.457	138	12085m	4.623	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	15738m	4.326	ng/ul	
67) N-Nitrosodiphenylamine	15.581	169	68216	4.456	ng/ul	95
68) 4-Bromophenyl-phenylether	16.275	248	27231	4.573	ng/ul	93
69) Hexachlorobenzene	16.375	284	34210	4.960	ng/ul	96
70) Atrazine	16.592	200	25831	4.759	ng/ul	95
71) Pentachlorophenol	16.769	266	17472	4.191	ng/ul	95
72) Phenanthrene	17.157	178	134446	4.793	ng/ul	99
74) Anthracene	17.251	178	126851	4.446	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.034	216	34838	4.264	ng/uL	98
76) Pentachlorobenzene	14.592	250	41027	5.018	ng/uL	97
77) Carbazole	17.575	167	112782	4.589	ng/ul	97
78) Di-n-butylphthalate	18.151	149	135132	4.536	ng/ul	99
80) Fluoranthene	19.269	202	172312	4.083	ng/ul	100
82) Pyrene	19.645	202	184117	4.193	ng/ul	99
83) Butylbenzylphthalate	20.622	149	64957	3.897	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.533	252	50816	4.070	ng/ul#	99
85) Benzo(a)anthracene	21.580	228	192087	4.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	97556	4.057	ng/ul	97
87) Chrysene	21.651	228	186509	4.836	ng/ul	100
89) Di-n-octyl phthalate	22.816	149	164078	3.824	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	188142	4.720	ng/ul	99
91) Benzo(k)fluoranthene	23.968	252	192344	4.735	ng/ul	99
93) Benzo(a)pyrene	24.786	252	170716	4.501	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.756	276	210066m	4.518	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	174981m	4.550	ng/ul	
96) Benzo(g,h,i)perylene	29.962	276	176429m	4.705	ng/ul	

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

