

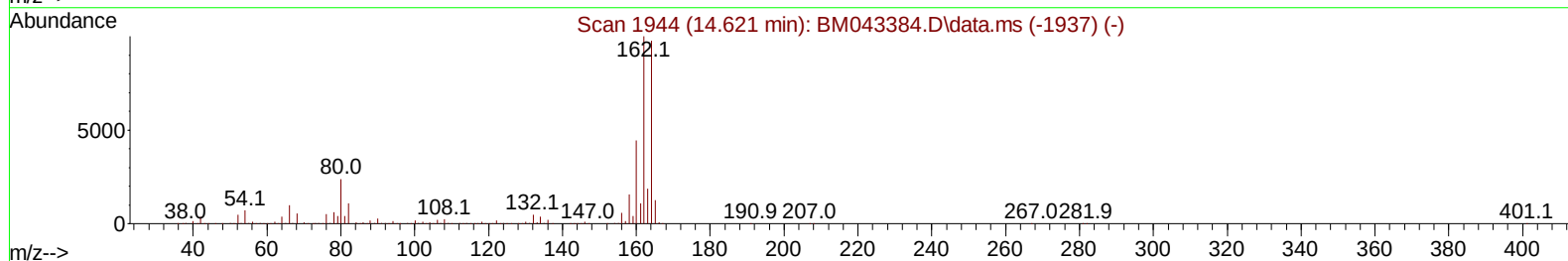
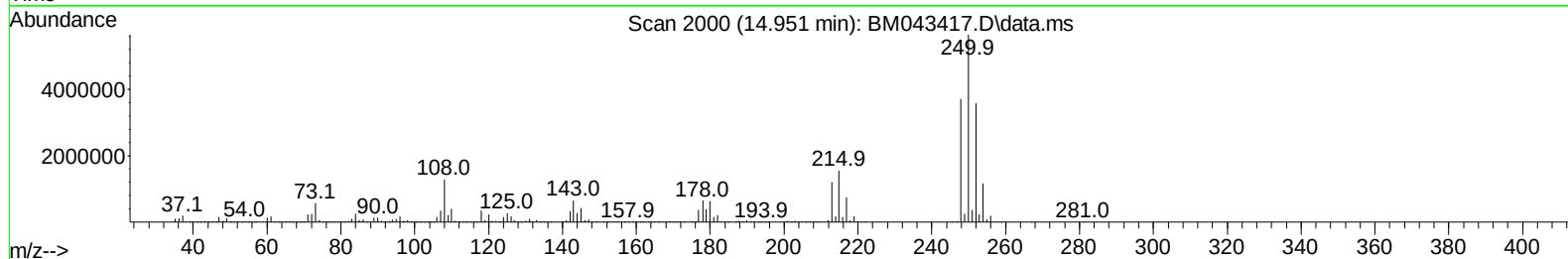
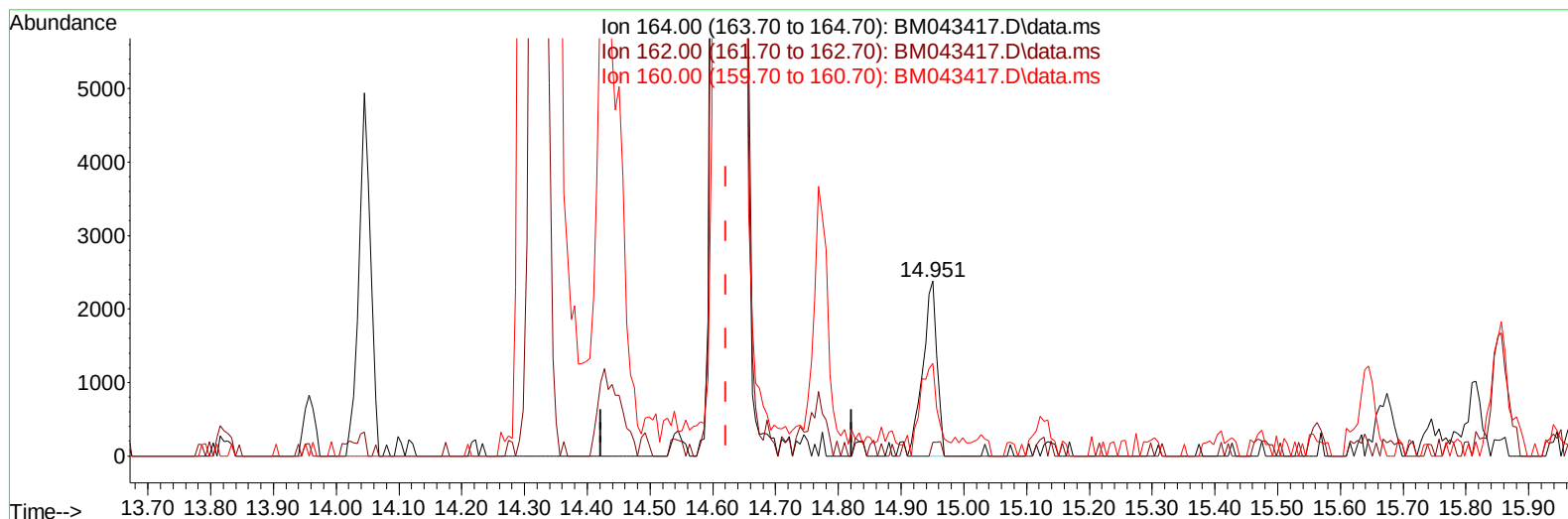
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043417.D
Acq On : 19 Dec 2023 06:11
Operator : MA/JU
Sample : 05807-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:41:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(38) Acenaphthene-d10 (I)

14.951min (+ 0.329) 20.00 ng/u1

response 3734

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.50	7.90#
160.00	46.40	52.84
0.00	0.00	0.00

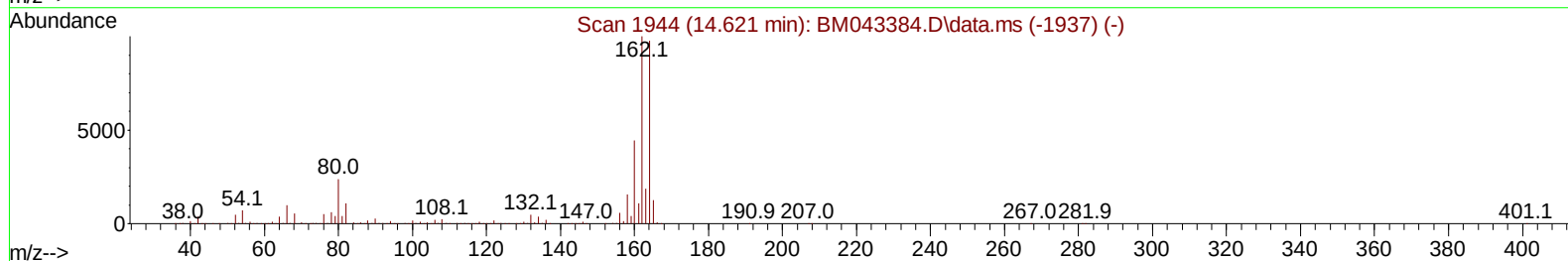
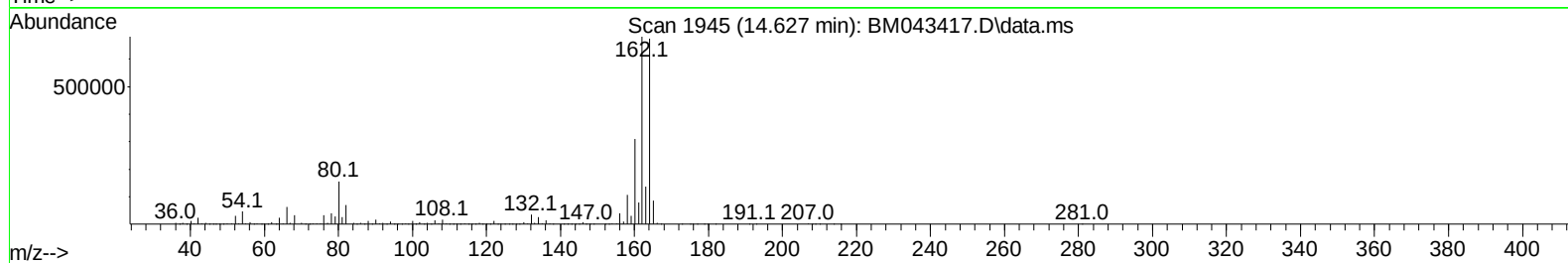
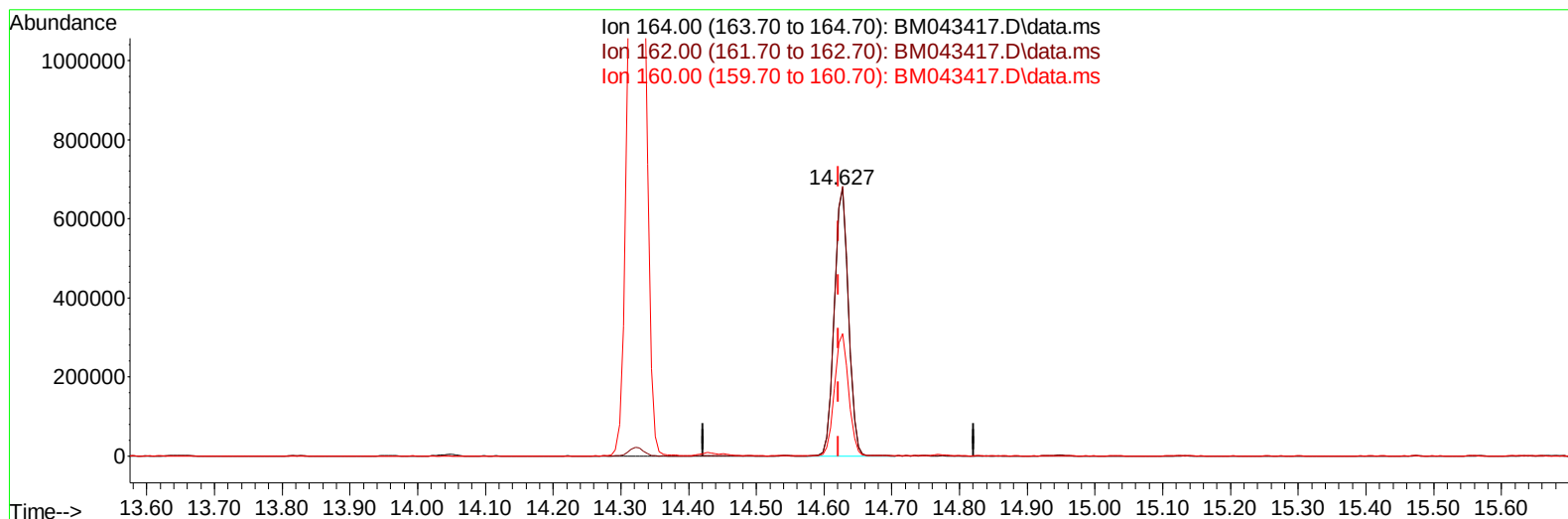
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:41:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(38) Acenaphthene-d10 (I)

14.627min (+ 0.006) 20.00 ng/ul m

response 978866

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.50	100.90
160.00	46.40	45.93
0.00	0.00	0.00

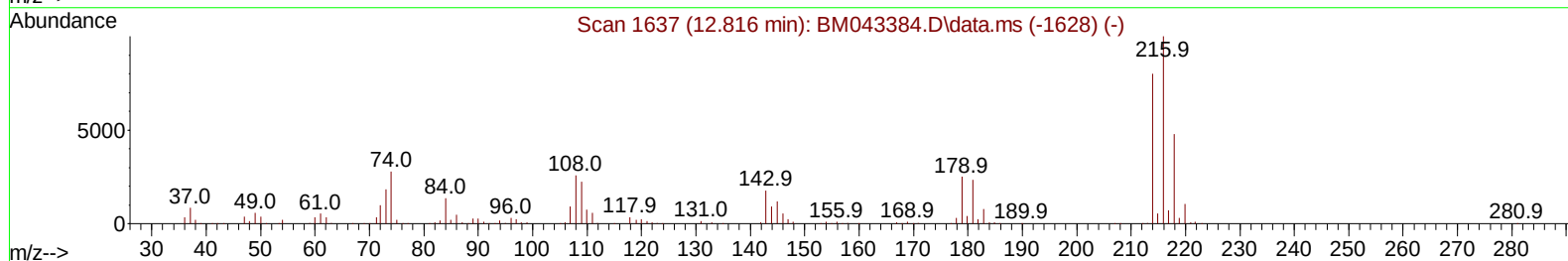
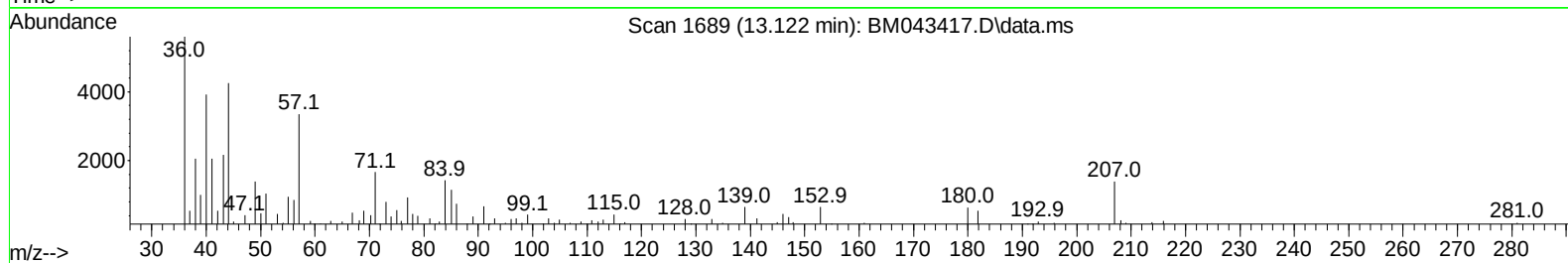
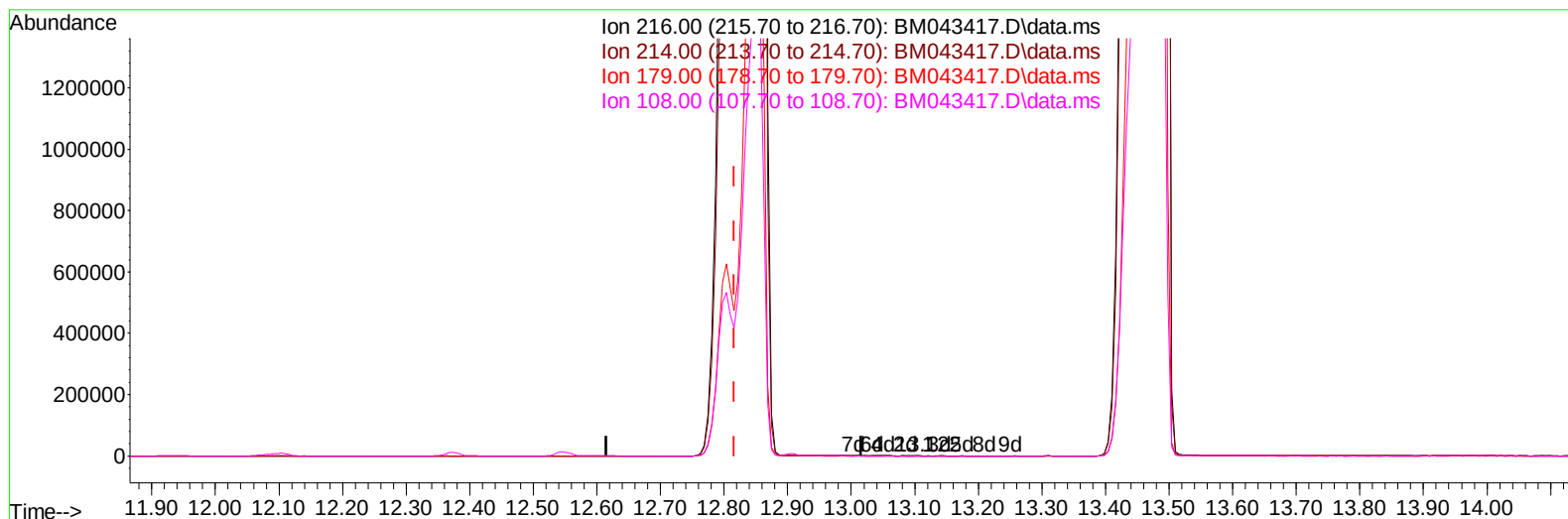
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

13.122min (+ 0.306) 0.01 ng/ul

response 158

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	80.80	80.56
179.00	25.00	0.00#
108.00	24.20	0.00#

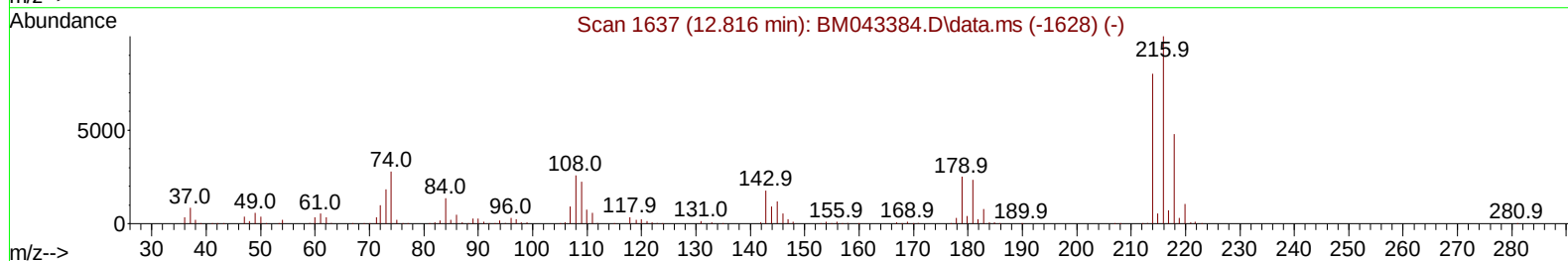
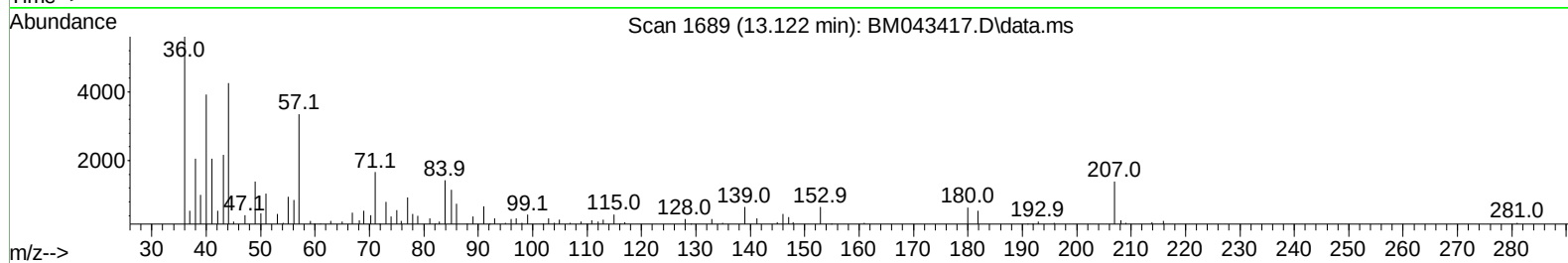
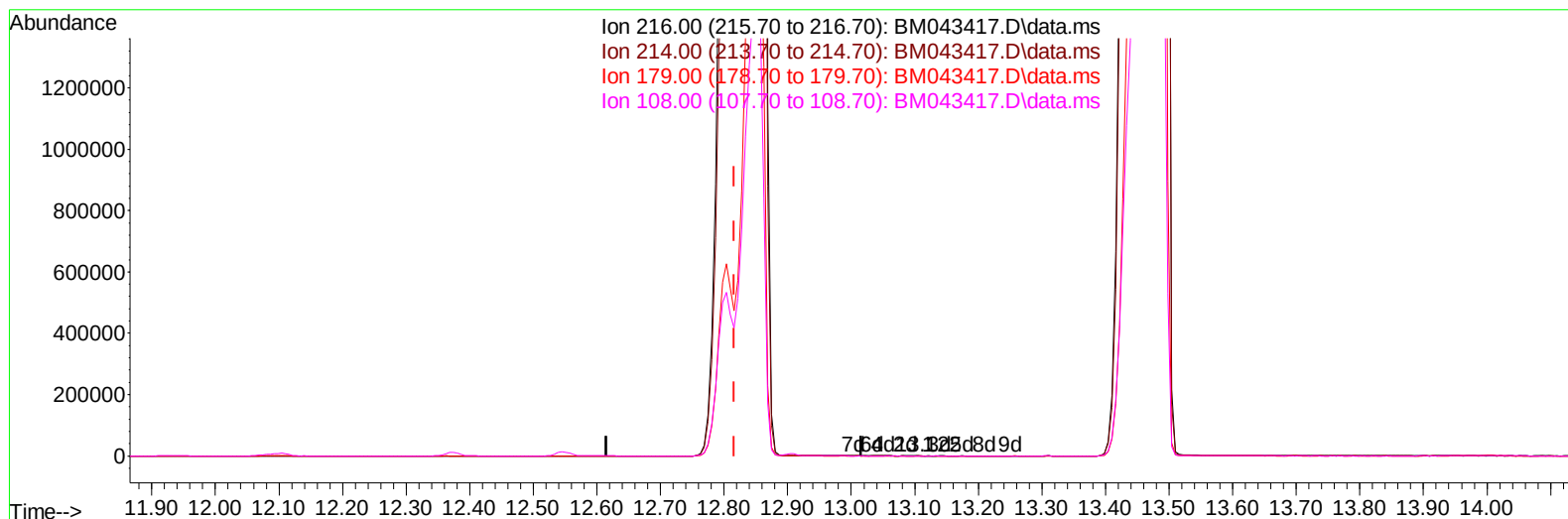
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

13.122min (+ 0.306) 0.01 ng/ul

response 158

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	80.80	80.56
179.00	25.00	0.00#
108.00	24.20	0.00#

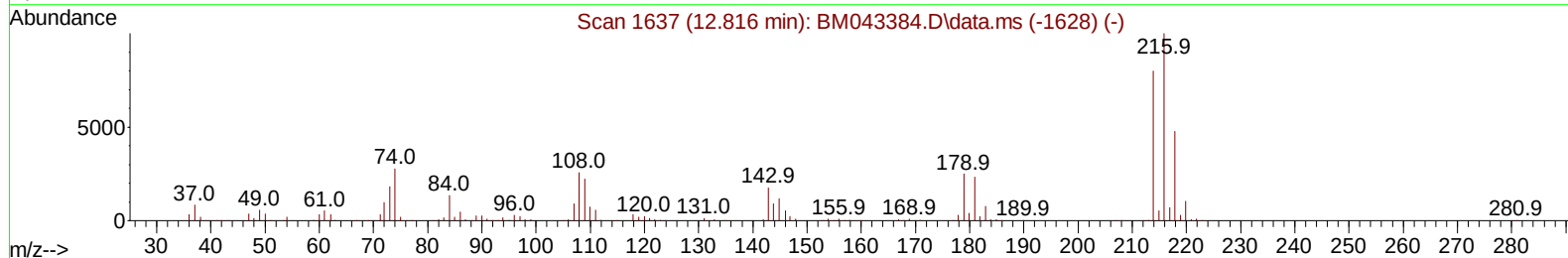
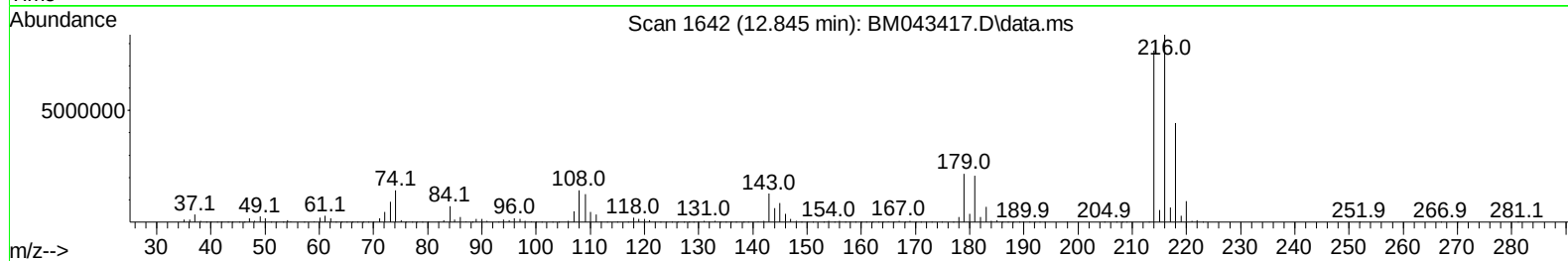
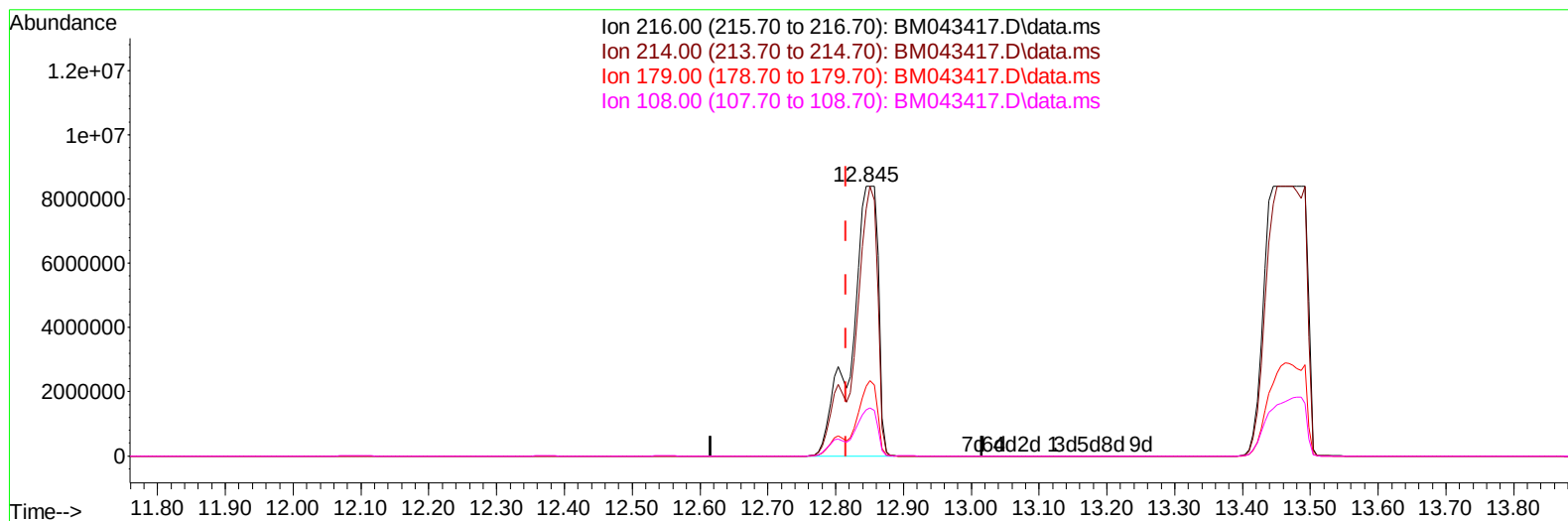
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.845min (+ 0.029) 774.17 ng/ul m

response 23089663

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	80.80	91.59
179.00	25.00	25.91
108.00	24.20	17.01#

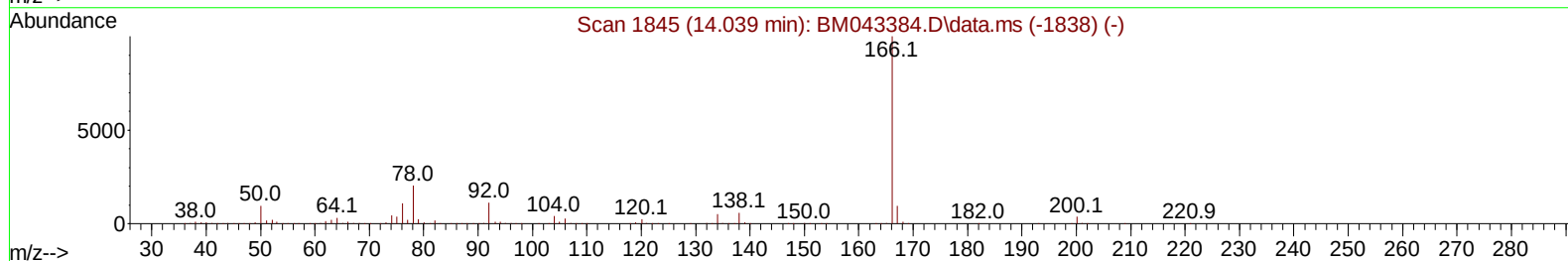
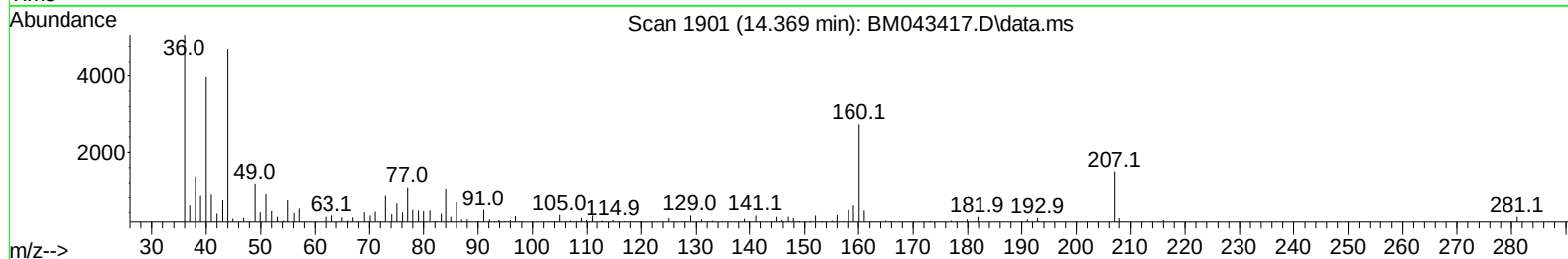
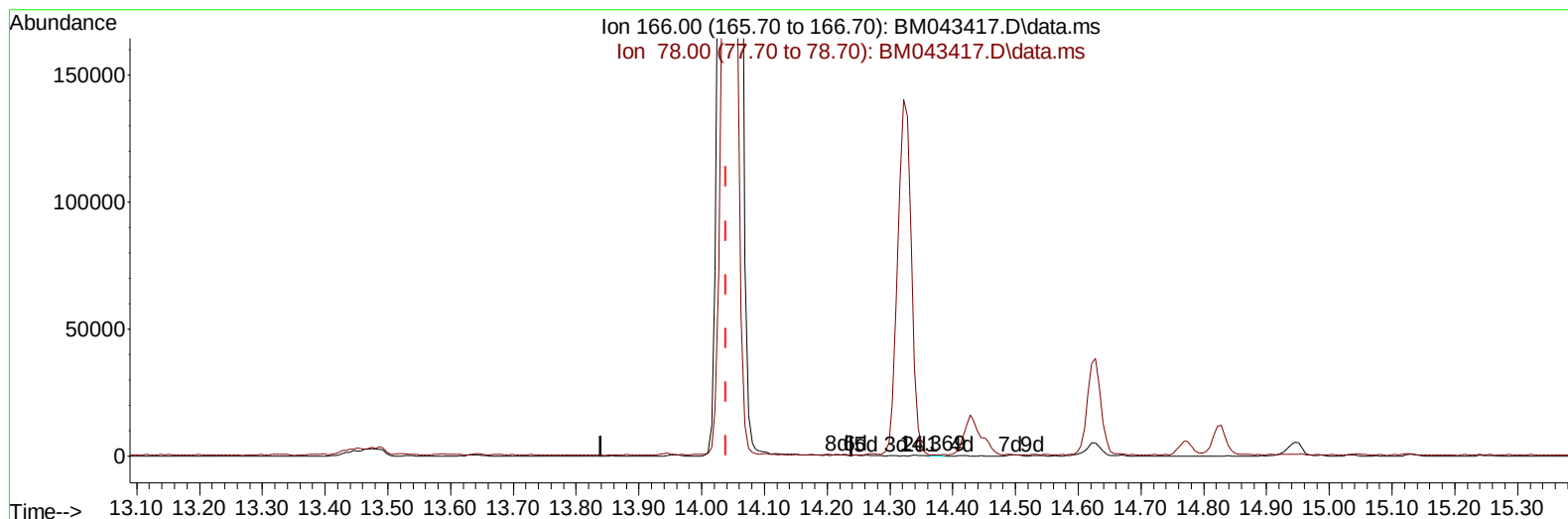
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:43:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(46) Dimethylphthalate-d6 (S)

14.369min (+ 0.329) 0.00 ng/u1

response 180

Ion	Exp%	Act%
166.00	100.00	100.00
78.00	19.80	267.23#
0.00	0.00	0.00
0.00	0.00	0.00

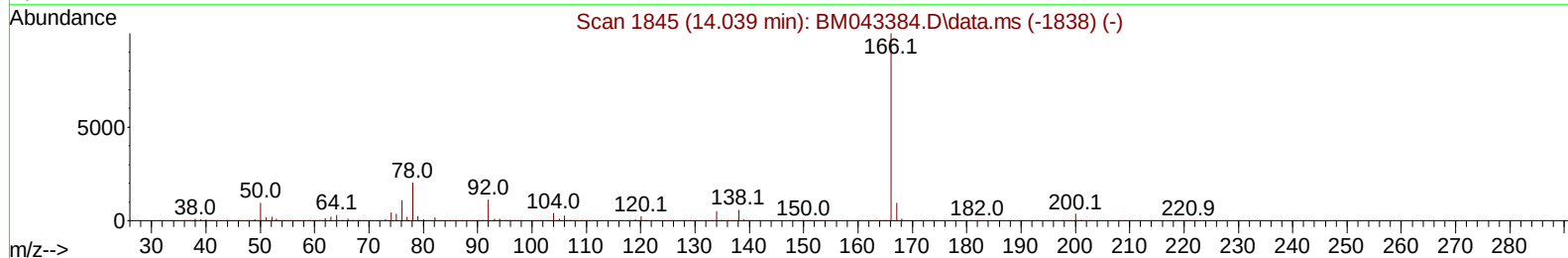
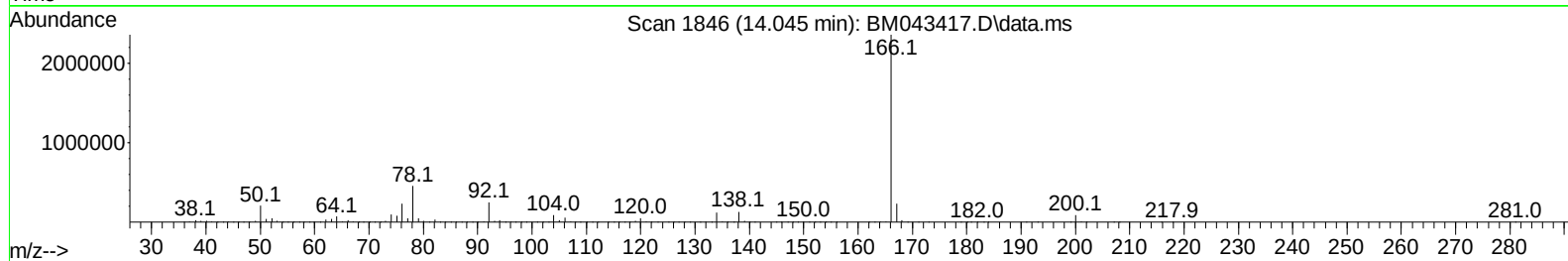
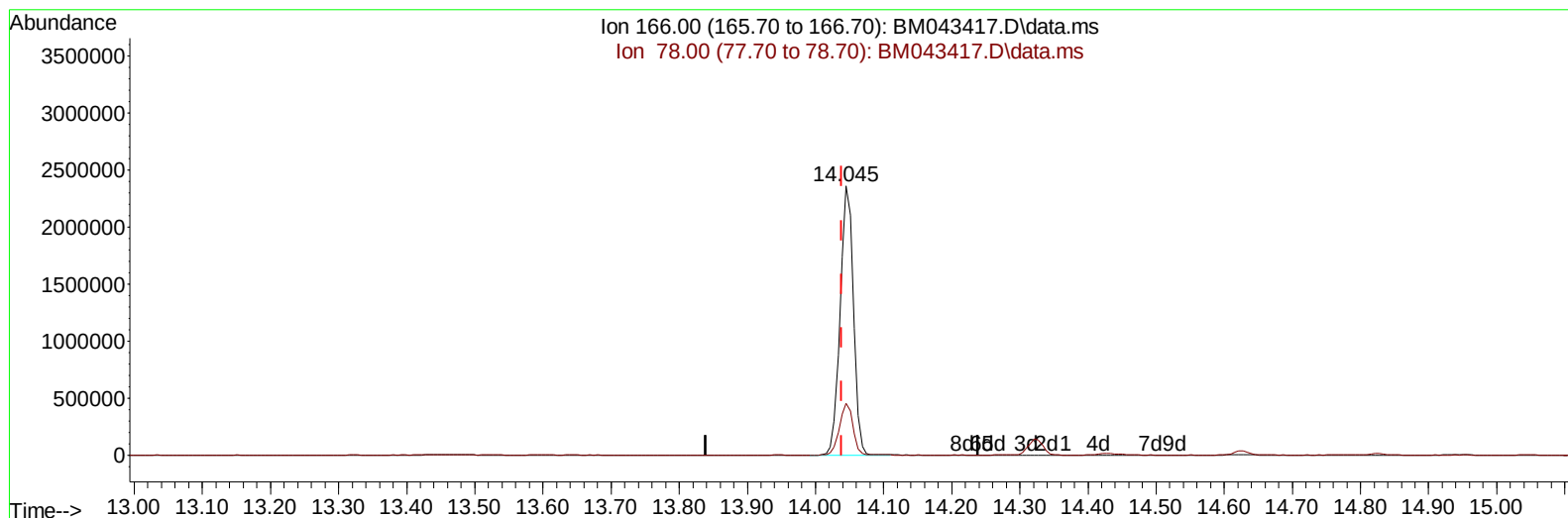
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:43:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(46) Dimethylphthalate-d6 (S)

14.045min (+ 0.006) 36.18 ng/ul m

response 3188266

Ion	Exp%	Act%
166.00	100.00	100.00
78.00	19.80	19.26
0.00	0.00	0.00
0.00	0.00	0.00

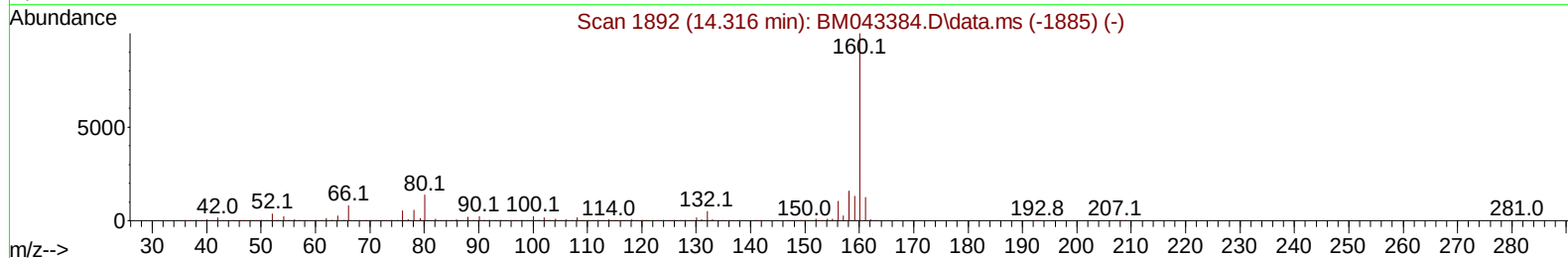
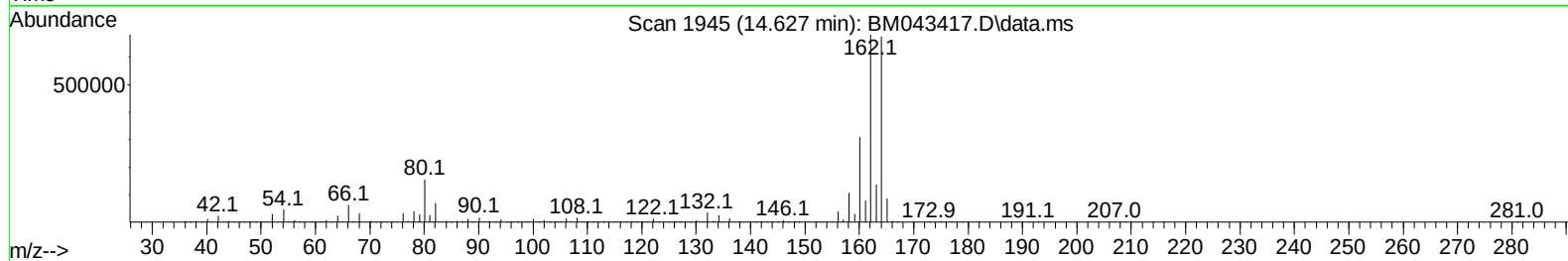
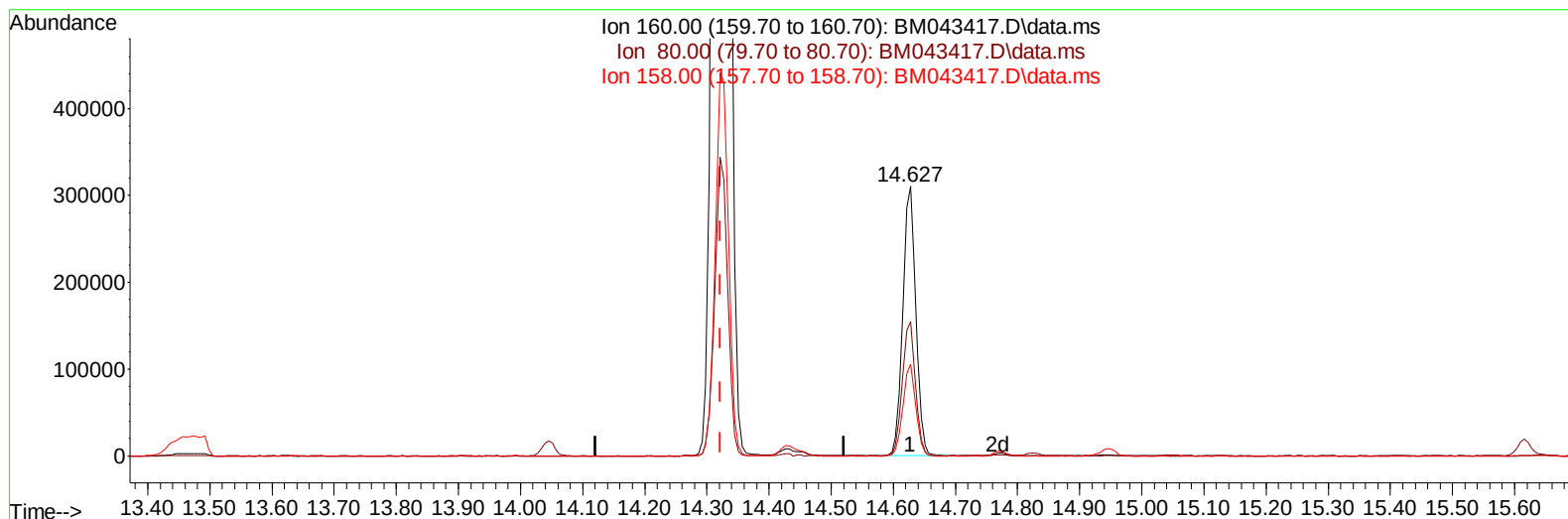
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:43:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(49) Acenaphthylene-d8 (S)

14.627min (+ 0.306) 4.29 ng/ul

response 448889

Ion	Exp%	Act%
160.00	100.00	100.00
80.00	12.20	49.93#
158.00	16.60	34.19#
0.00	0.00	0.00

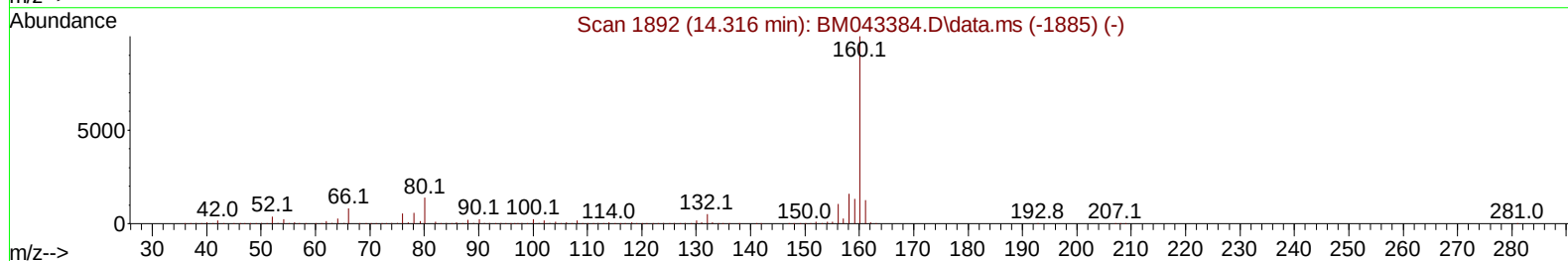
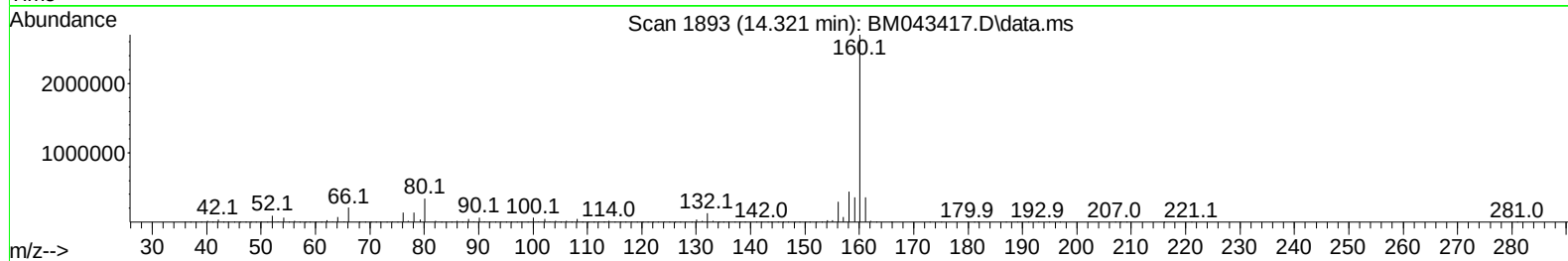
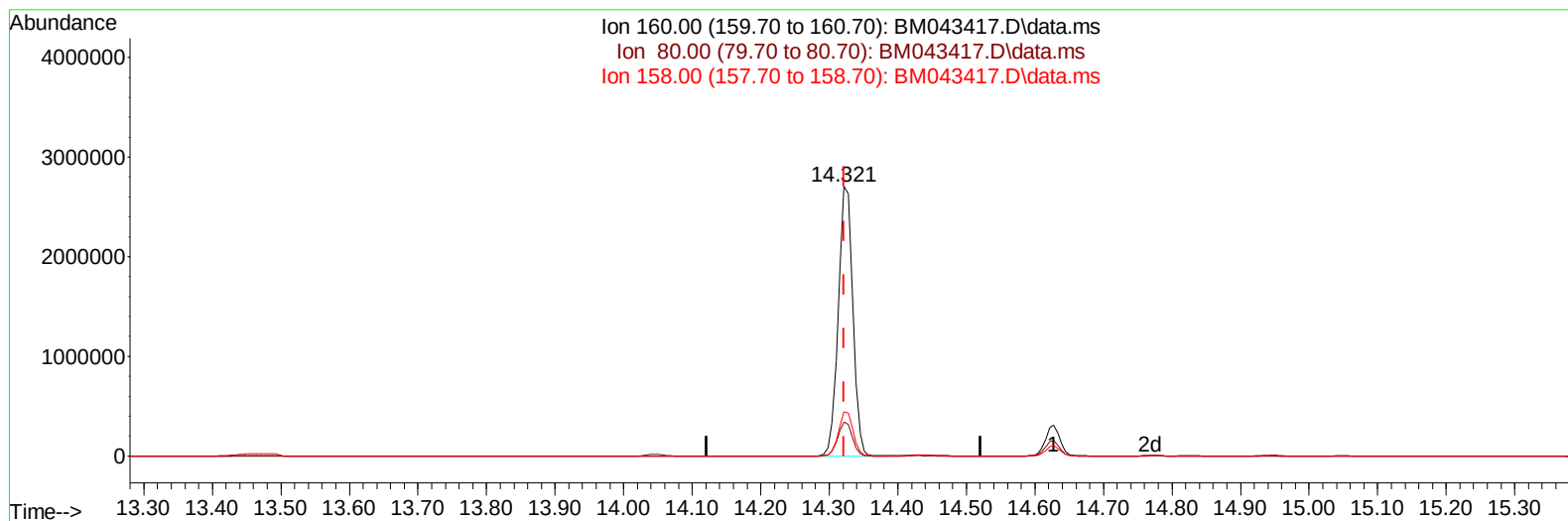
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043417.D
Acq On : 19 Dec 2023 06:11
Operator : MA/JU
Sample : 05807-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:43:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(49) Acenaphthylene-d8 (S)

14.321min (+ 0.000) 38.29 ng/ul m

response 4002830

Ion	Exp%	Act%
160.00	100.00	100.00
80.00	12.20	12.73
158.00	16.60	16.31
0.00	0.00	0.00

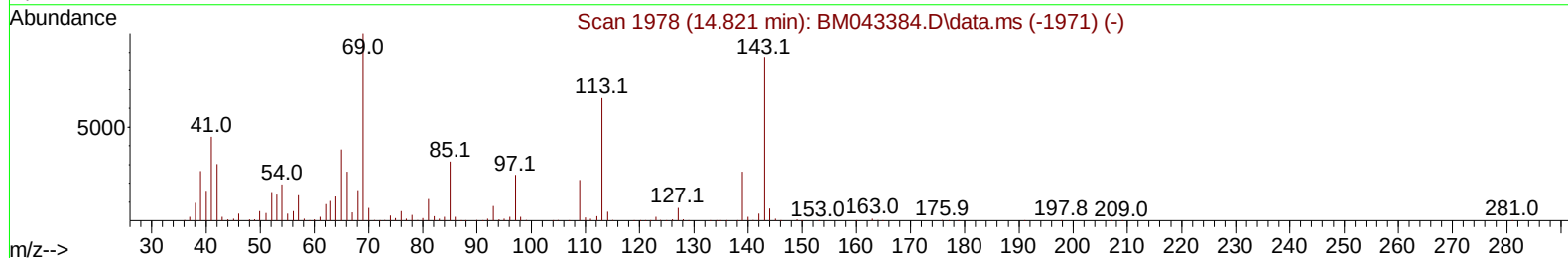
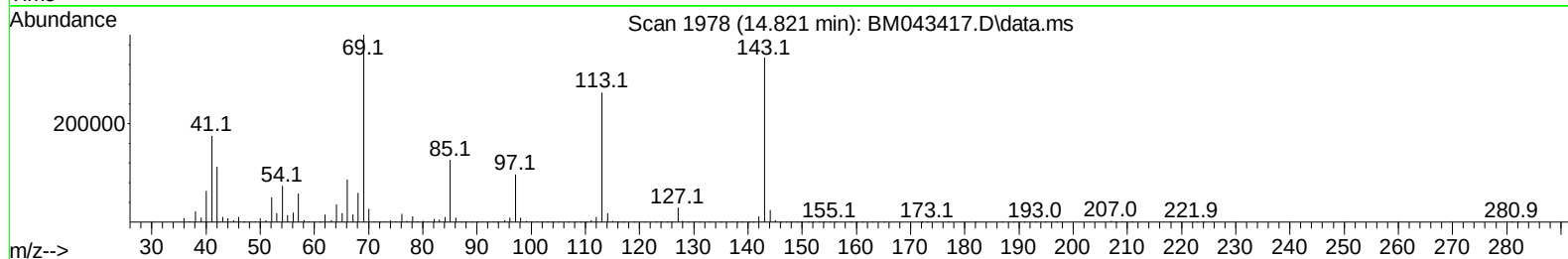
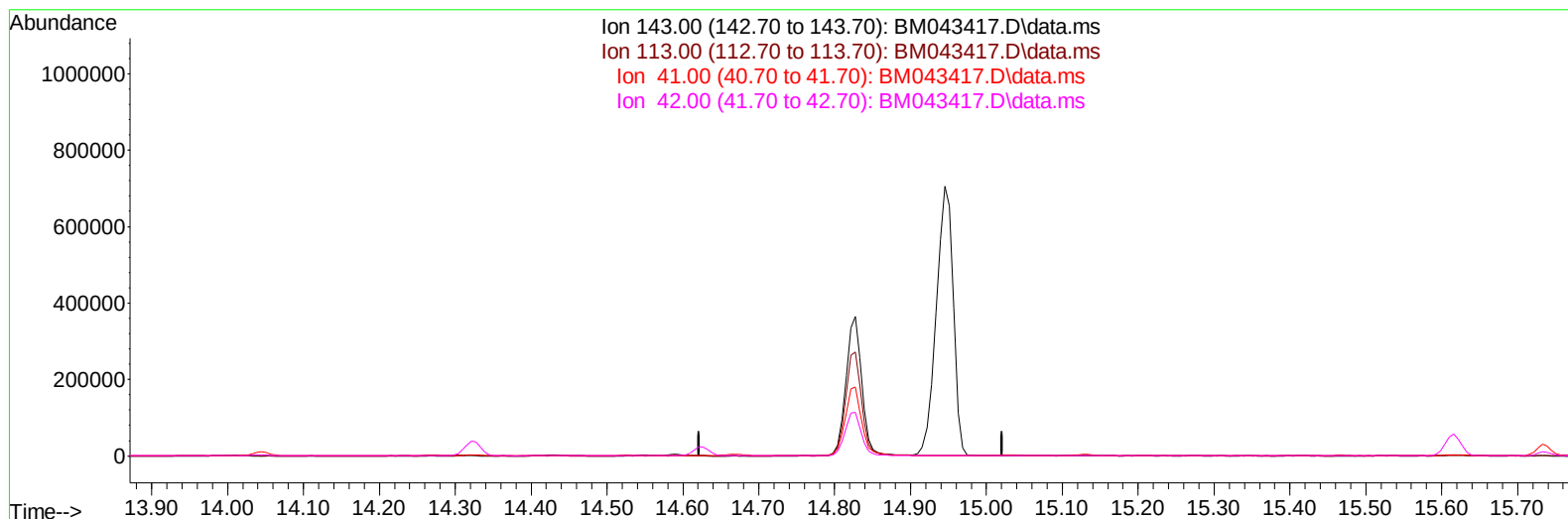
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:44:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.821min (-14.821) 0.00 ng/ul

response 0

Ion	Exp%	Act%
143.00	100.00	0.00
113.00	74.00	0.00#
41.00	49.10	0.00#
42.00	33.20	0.00#

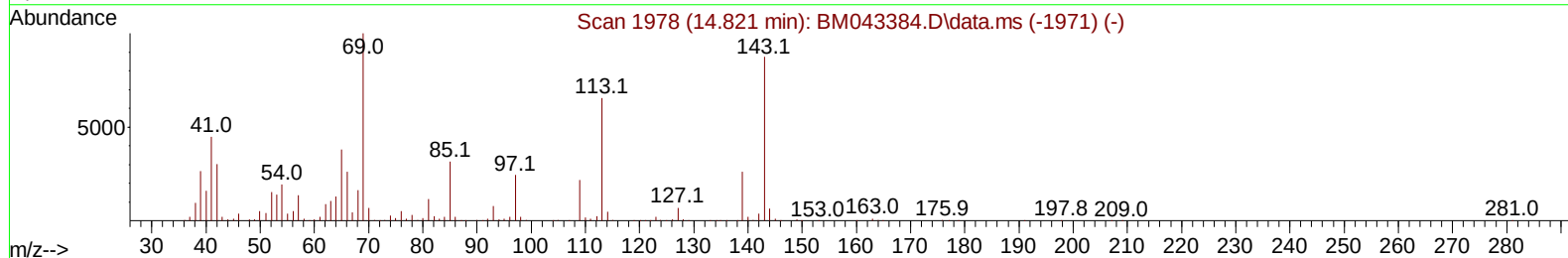
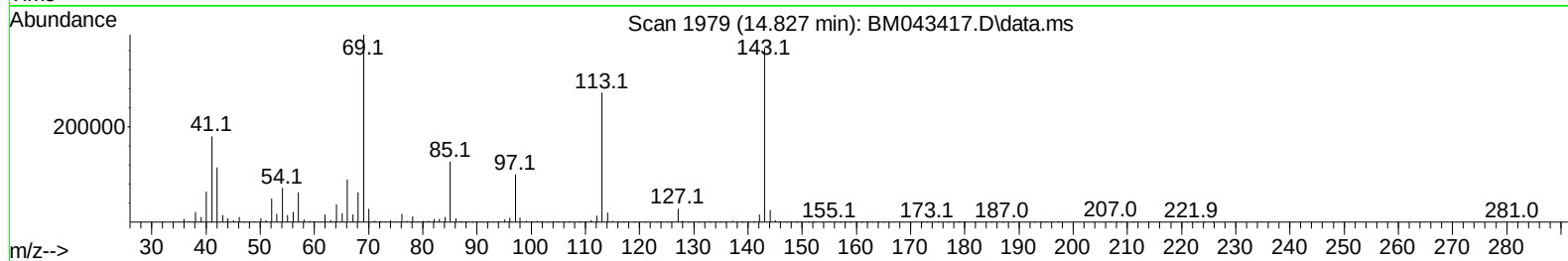
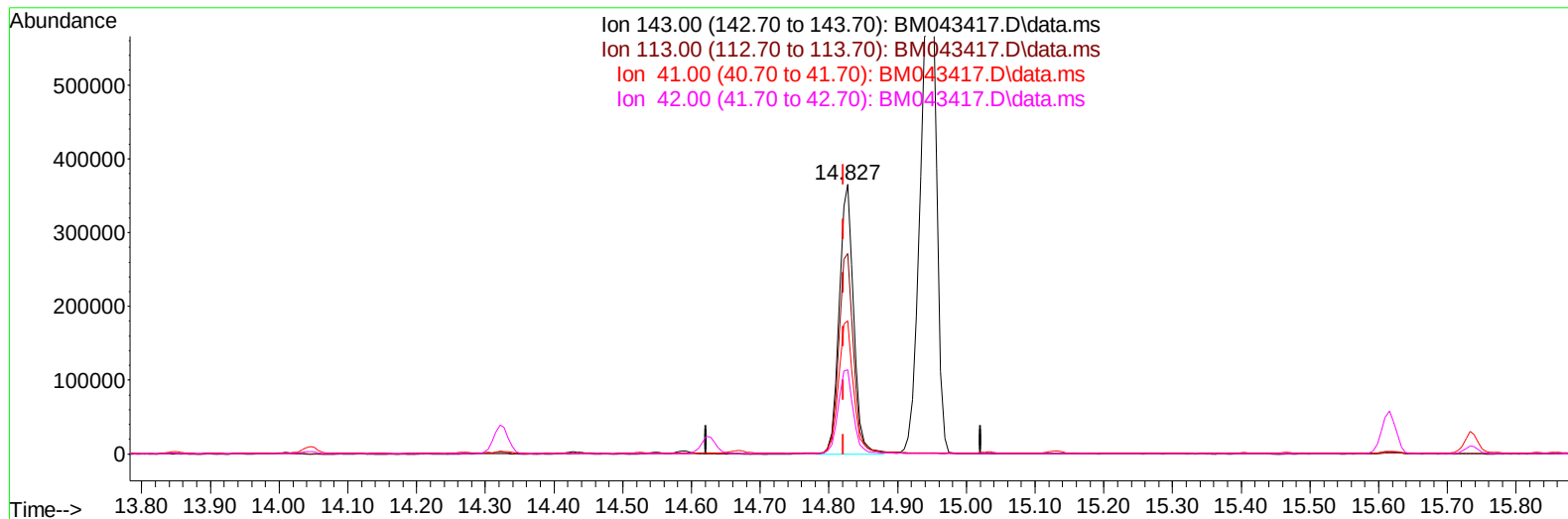
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043417.D
Acq On : 19 Dec 2023 06:11
Operator : MA/JU
Sample : 05807-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:44:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.827min (+ 0.006) 31.91 ng/ul m

response 532116

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.00	74.40
41.00	49.10	49.33
42.00	33.20	31.35

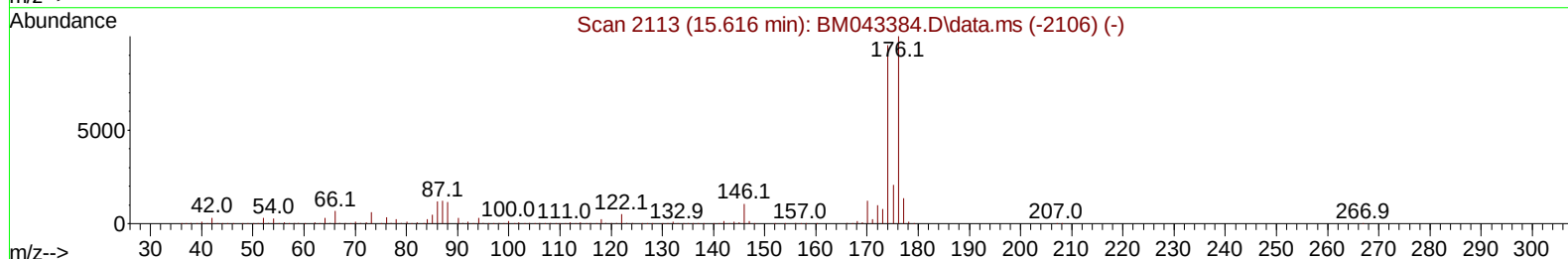
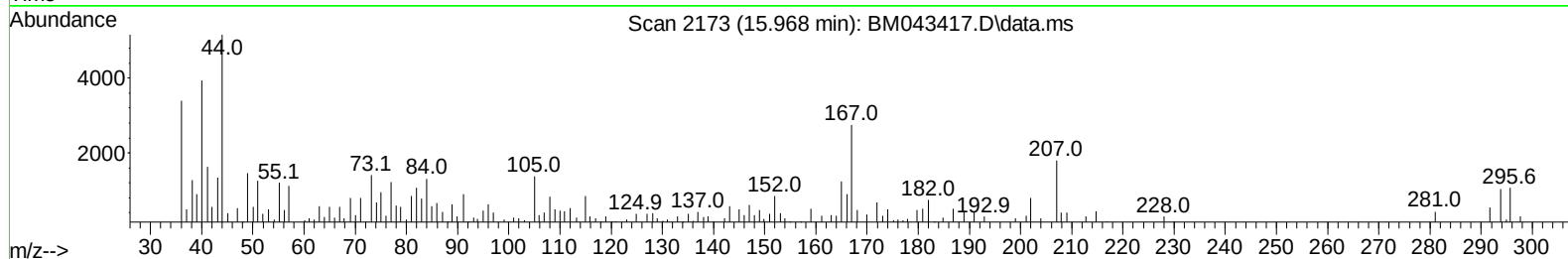
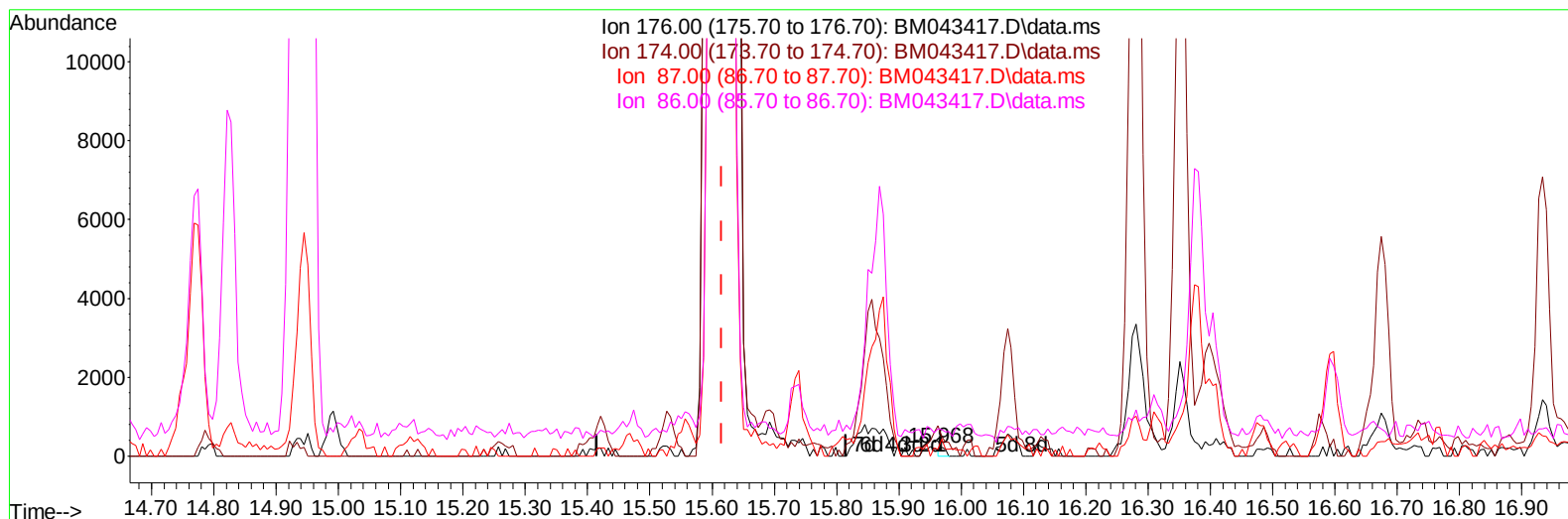
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:45:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(60) Fluorene-d10 (S)

15.968min (+ 0.353) 0.00 ng/u1

response 139

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	216.30#
87.00	11.70	188.11#
86.00	10.80	292.51#

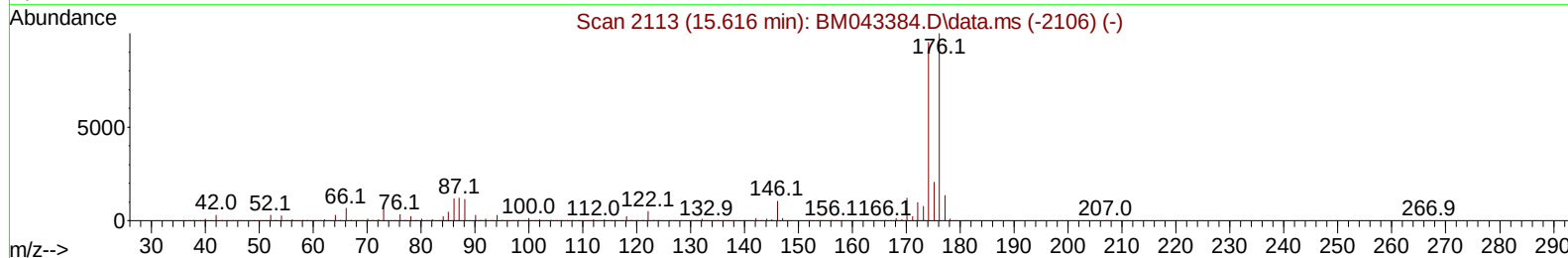
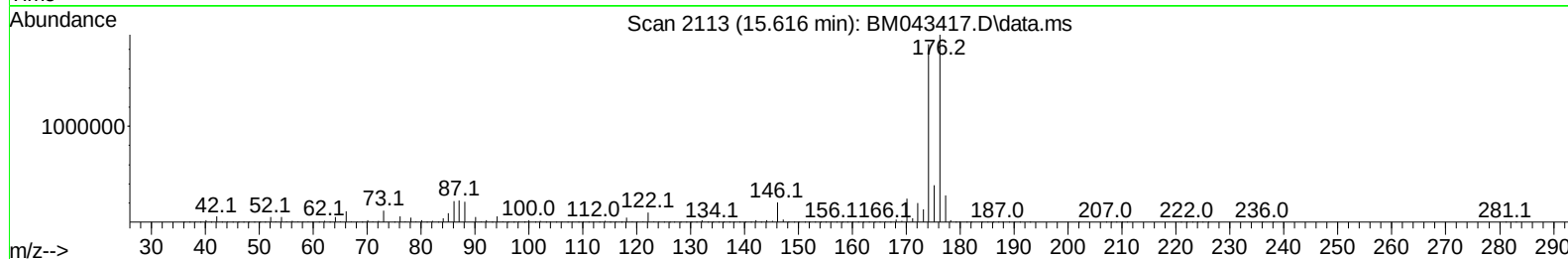
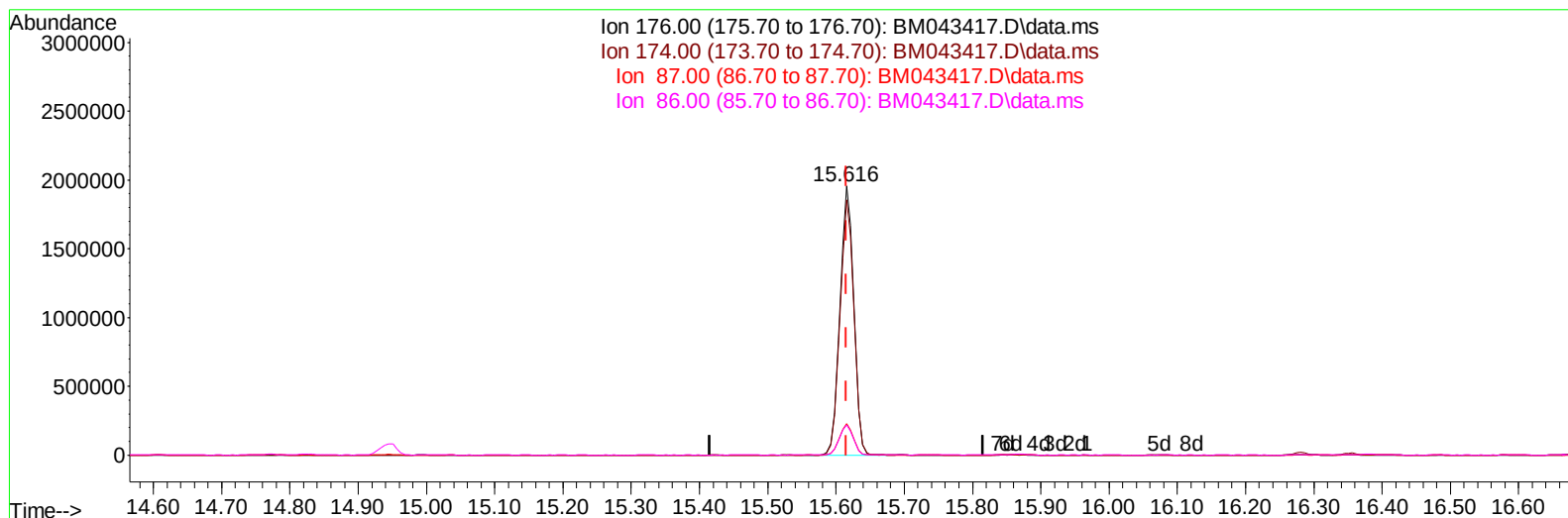
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:45:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(60) Fluorene-d10 (S)

15.616min (+ 0.000) 37.53 ng/ul m

response 2734427

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	94.84
87.00	11.70	11.60
86.00	10.80	11.12

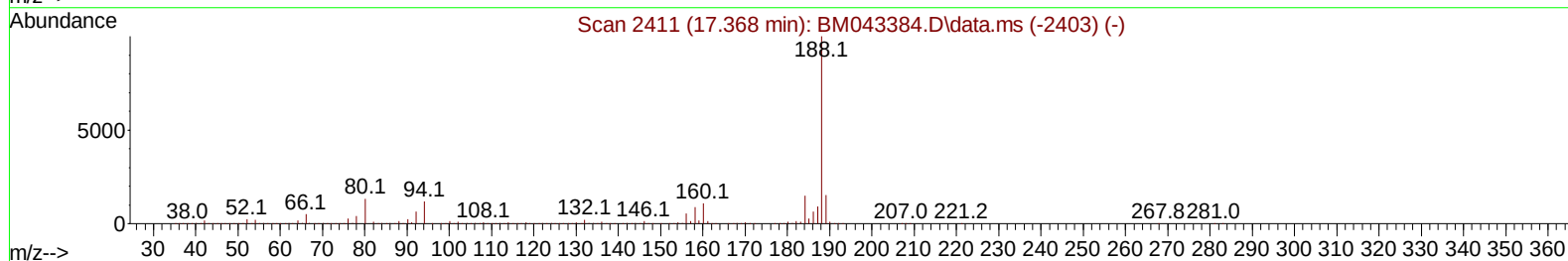
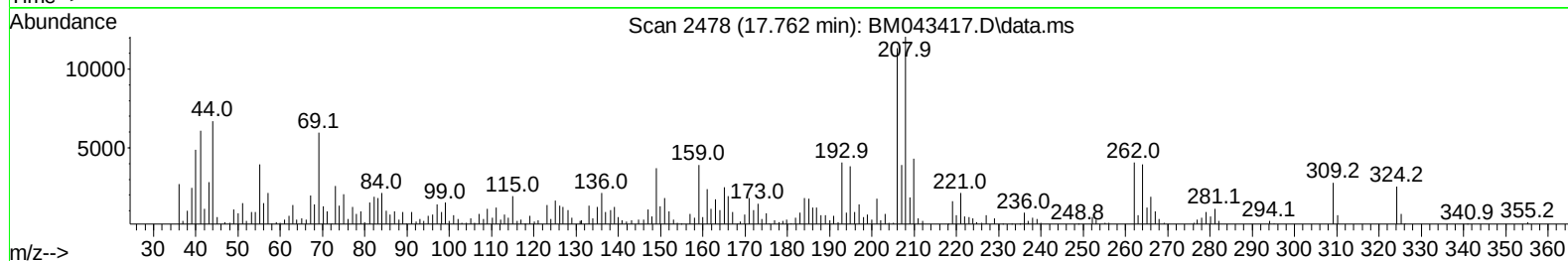
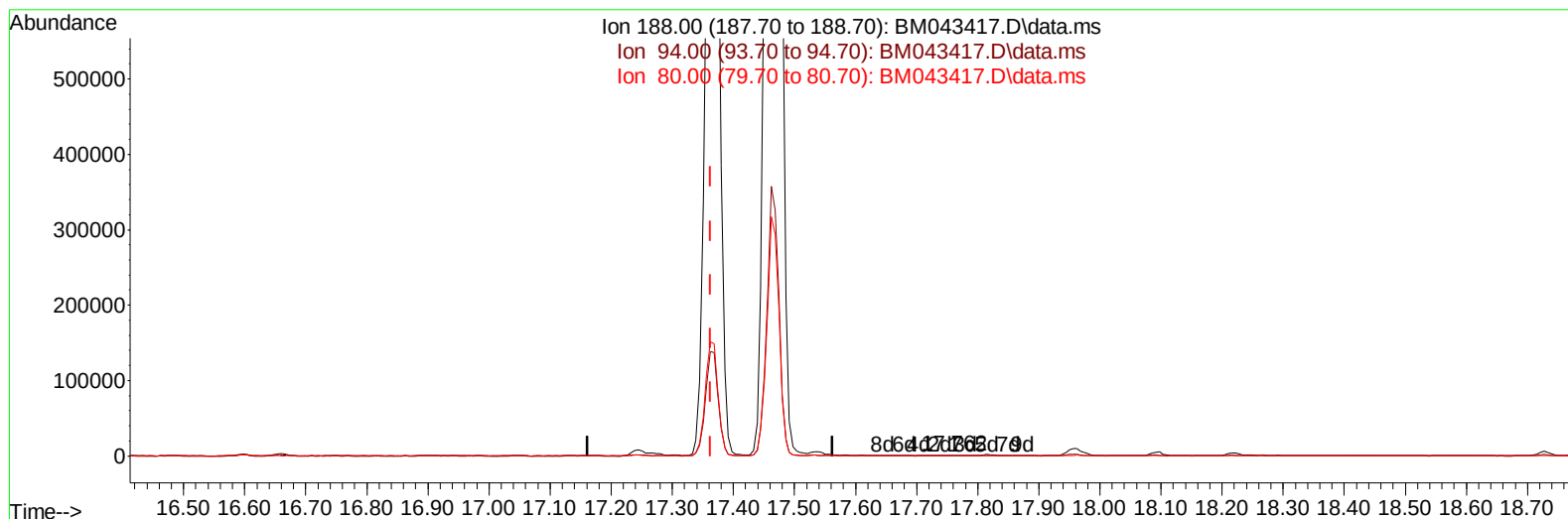
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:45:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(64) Phenanthrene-d10 (I)

17.762min (+ 0.400) 20.00 ng/ul

response 141

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	51.13#
80.00	13.20	40.96#
0.00	0.00	0.00

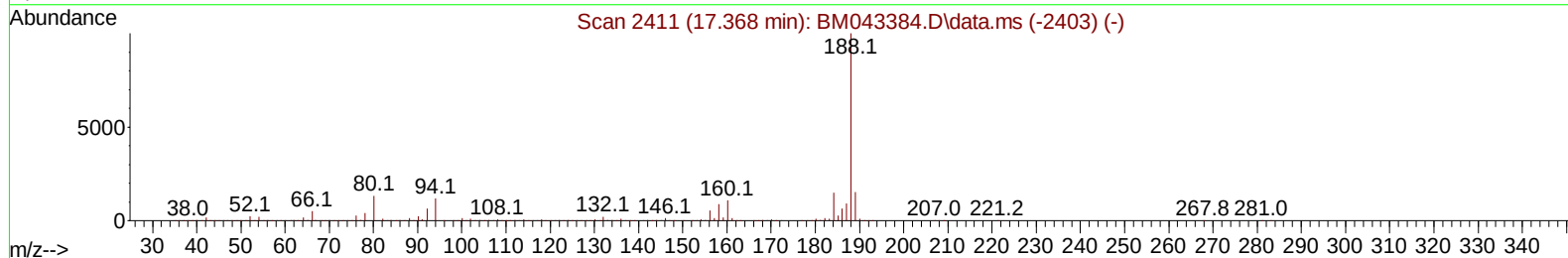
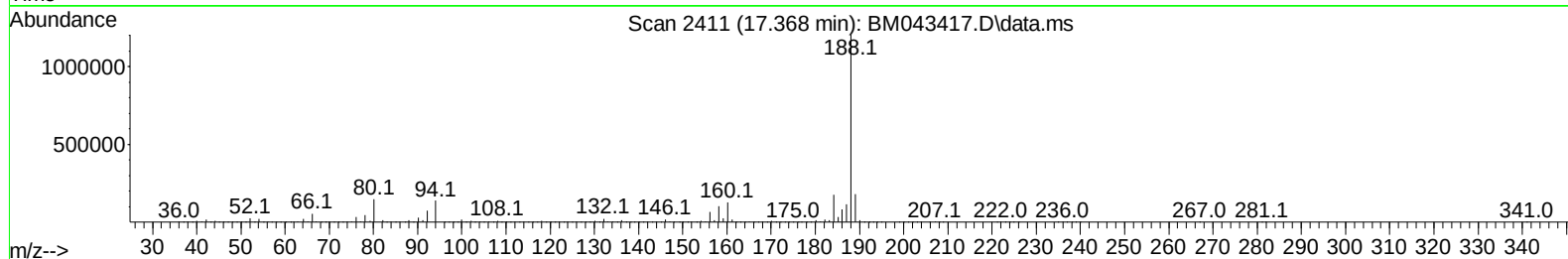
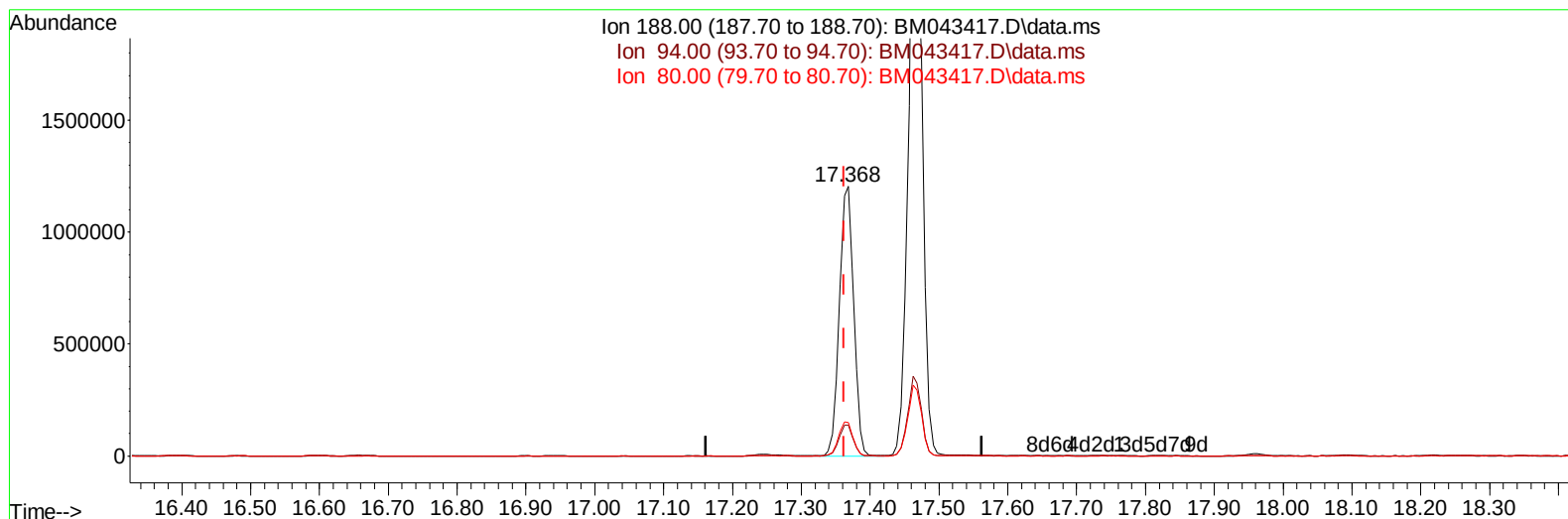
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:45:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(64) Phenanthrene-d10 (I)

17.368min (+ 0.006) 20.00 ng/ul m

response 1753250

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	11.39
80.00	13.20	12.34
0.00	0.00	0.00

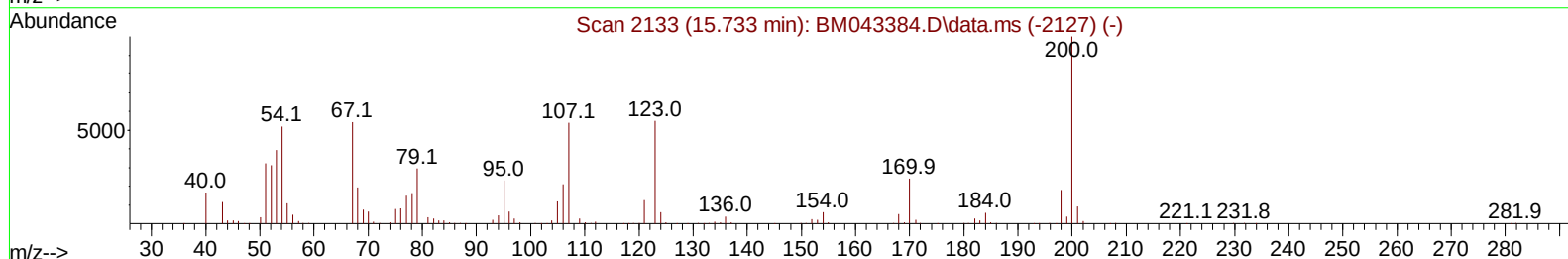
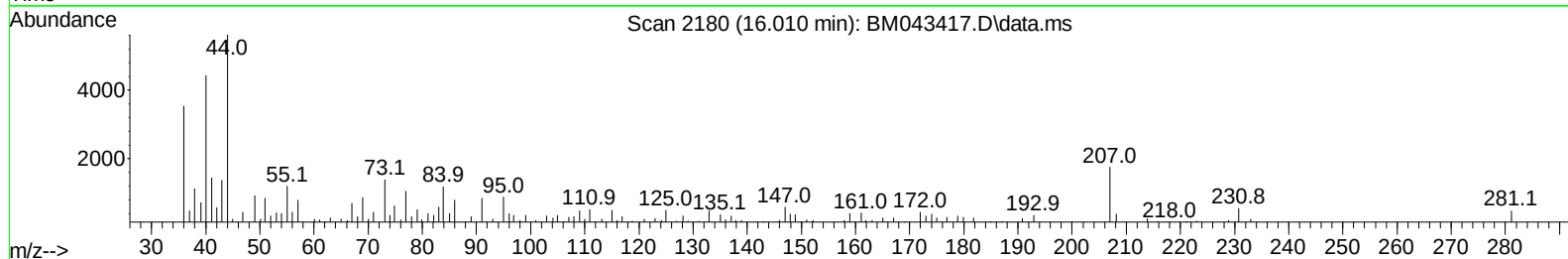
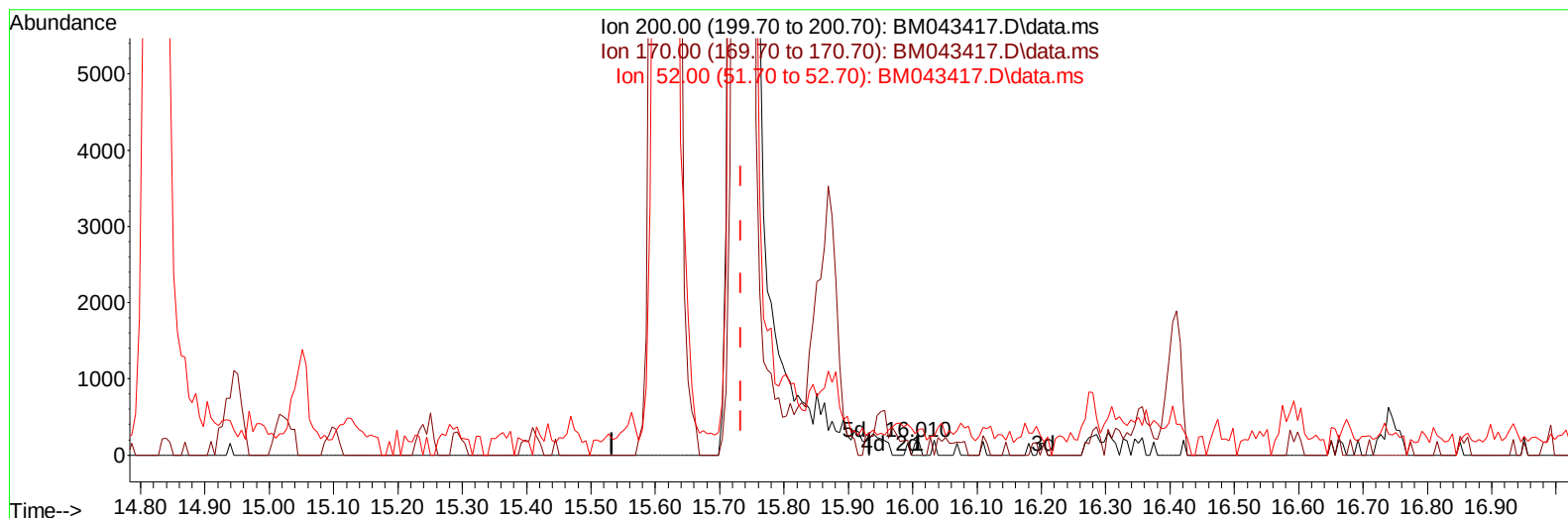
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:46:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.010min (+ 0.276) 0.01 ng/ul

response 118

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	0.00#
52.00	58.30	195.40#
0.00	0.00	0.00

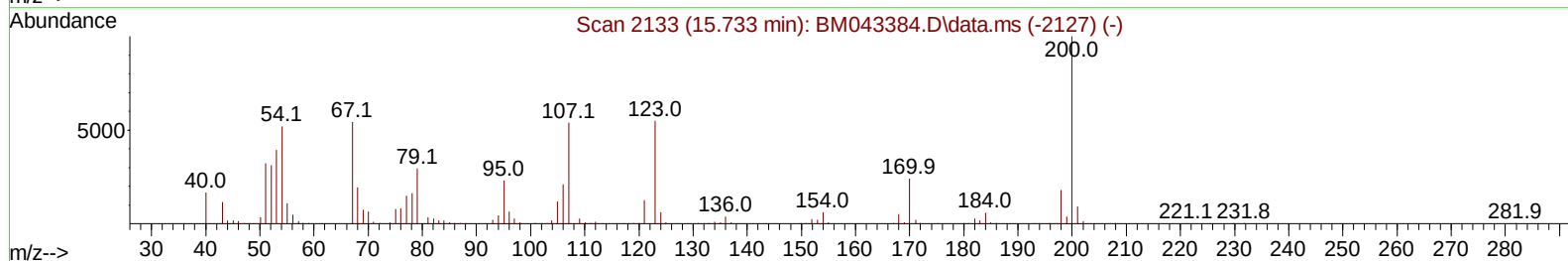
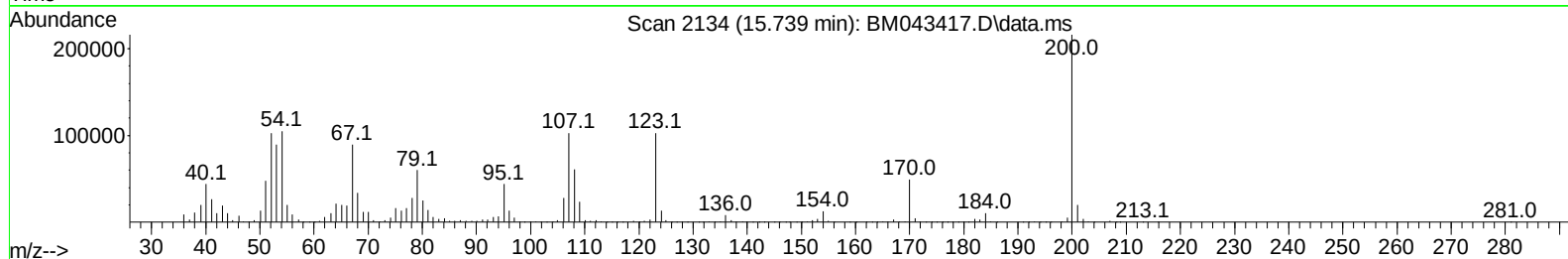
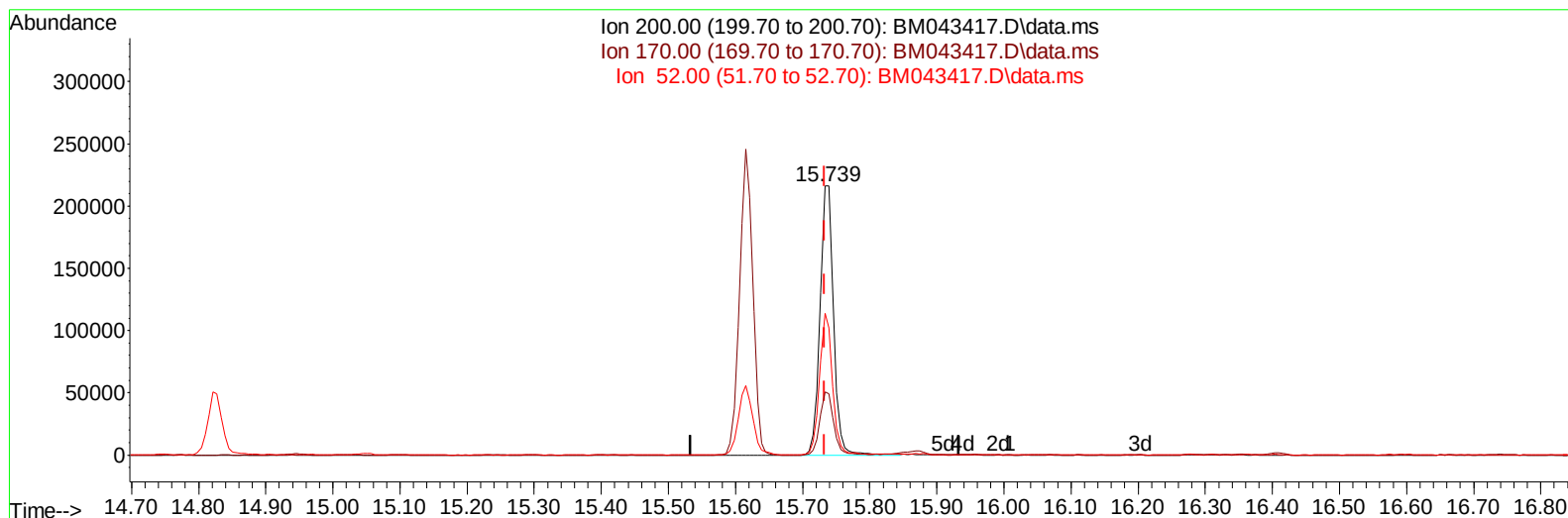
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:46:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.739min (+ 0.006) 26.01 ng/ul m

response 301652

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	22.84
52.00	58.30	47.39
0.00	0.00	0.00

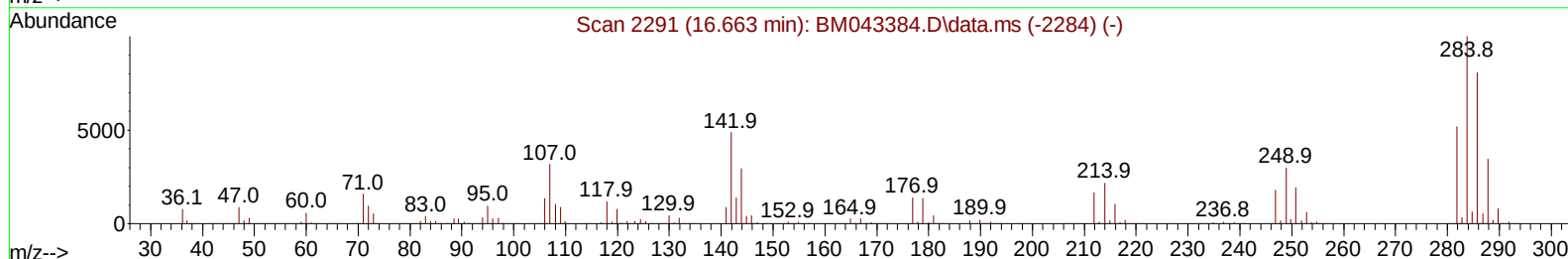
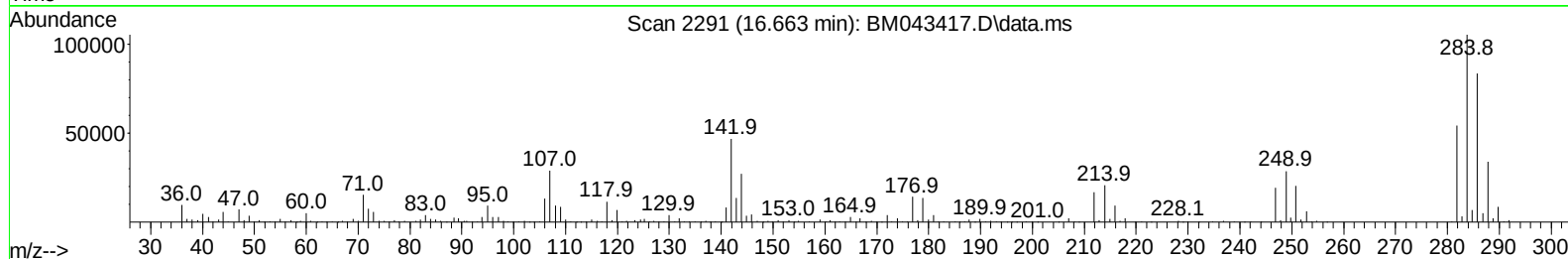
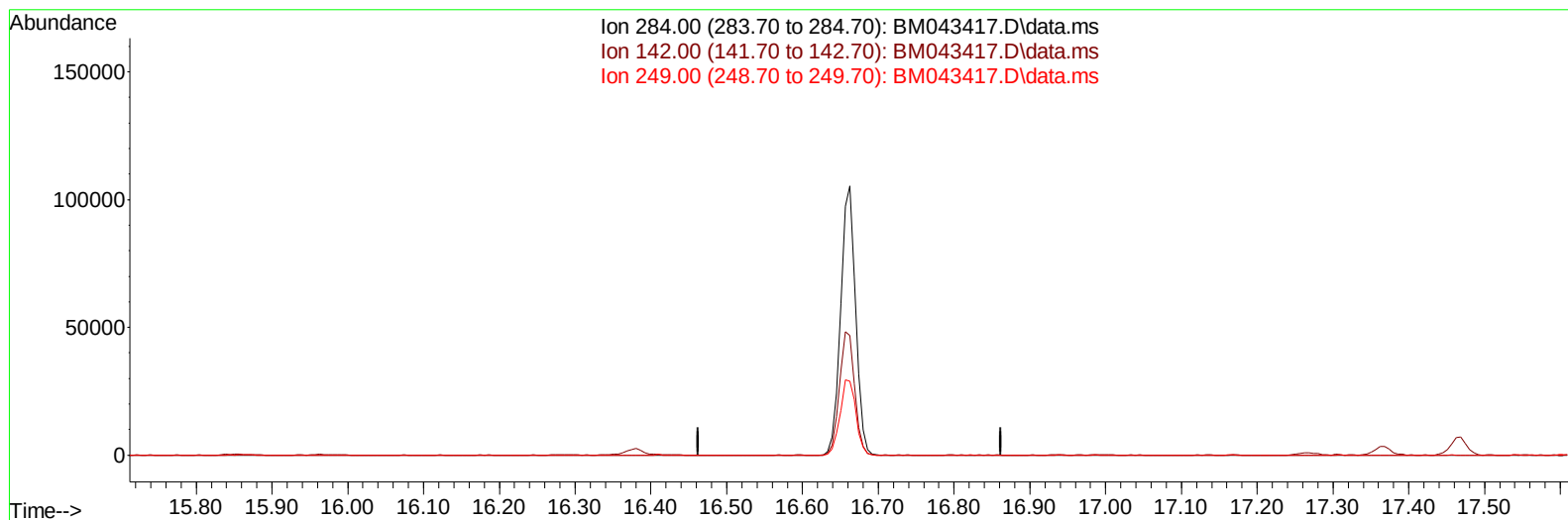
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043417.D
Acq On : 19 Dec 2023 06:11
Operator : MA/JU
Sample : 05807-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 06:46:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration



TIC: BM043417.D\data.ms

(69) Hexachlorobenzene

16.662min (-16.662) 0.00 ng/u1

response 0

Ion	Exp%	Act%
284.00	100.00	0.00
142.00	43.10	0.00#
249.00	29.70	0.00#
0.00	0.00	0.00

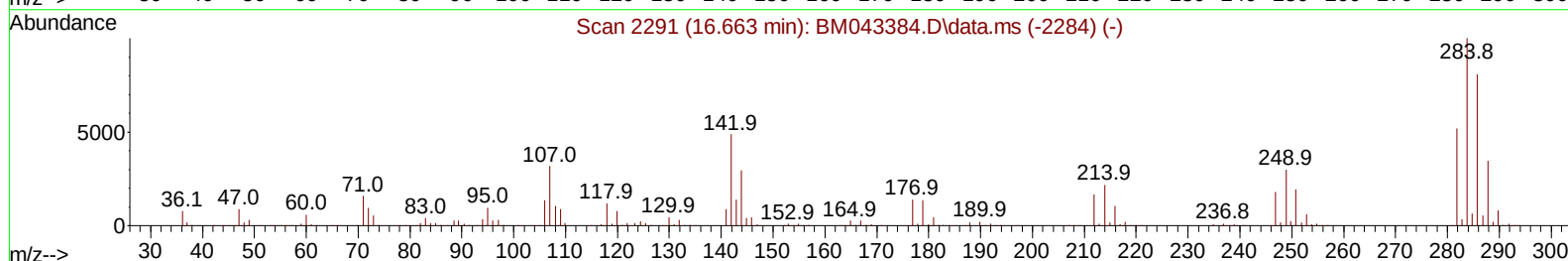
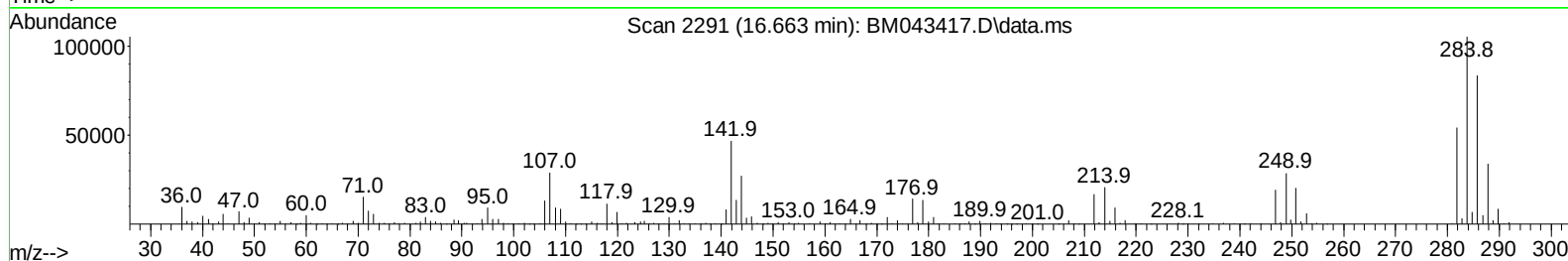
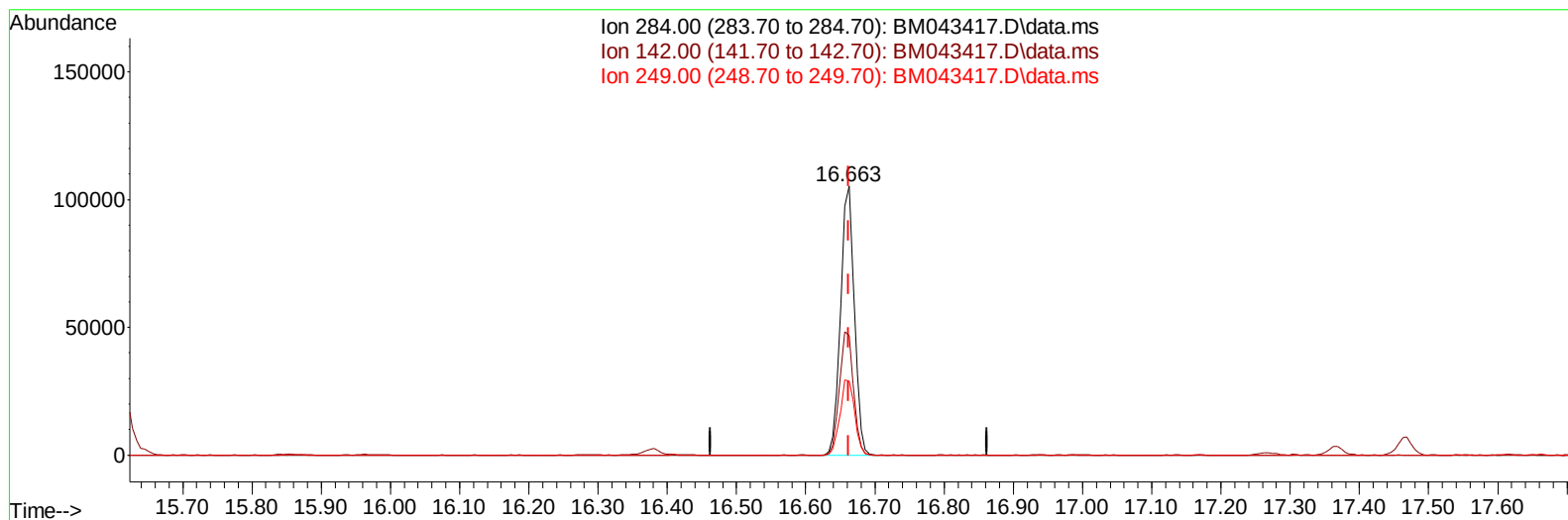
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:46:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(69) Hexachlorobenzene

16.663min (+ 0.000) 6.06 ng/ul m

response 144192

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	43.10	44.38
249.00	29.70	27.40
0.00	0.00	0.00

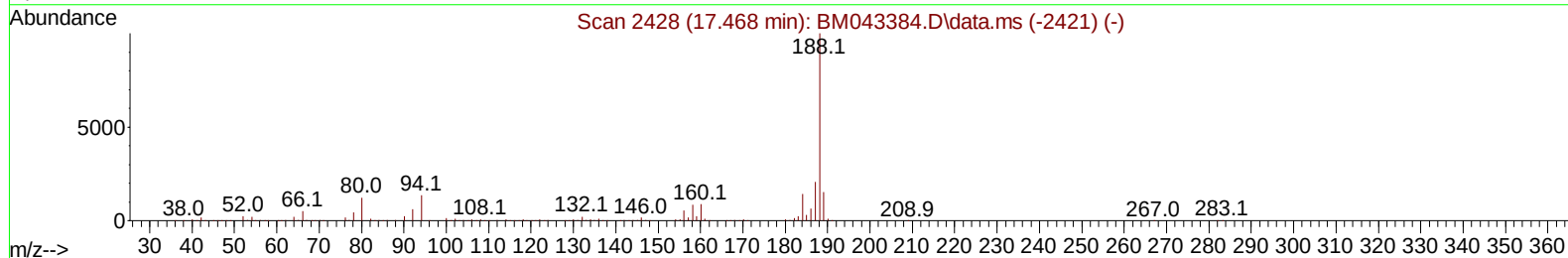
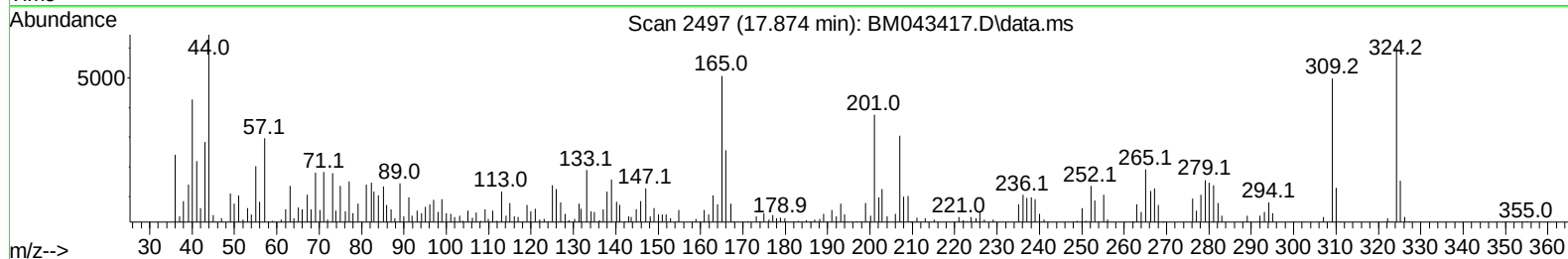
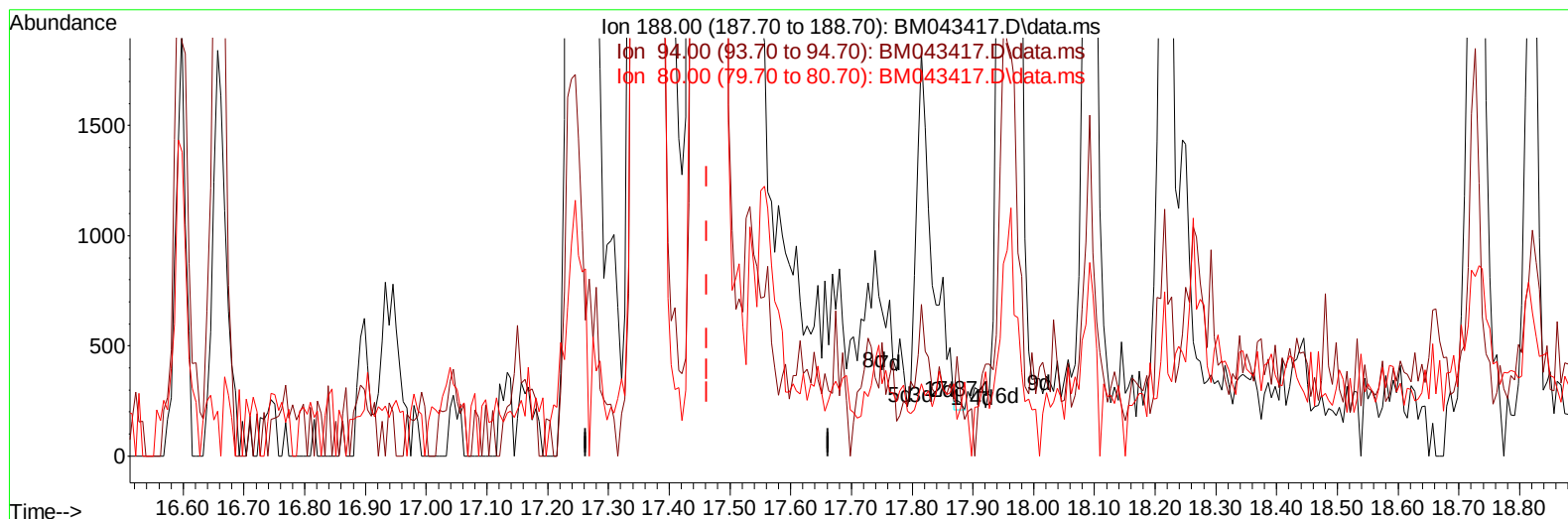
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(73) Anthracene-d10 (S)

17.874min (+ 0.412) 0.00 ng/u1

response 26

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	179.37#
80.00	11.90	65.87#
0.00	0.00	0.00

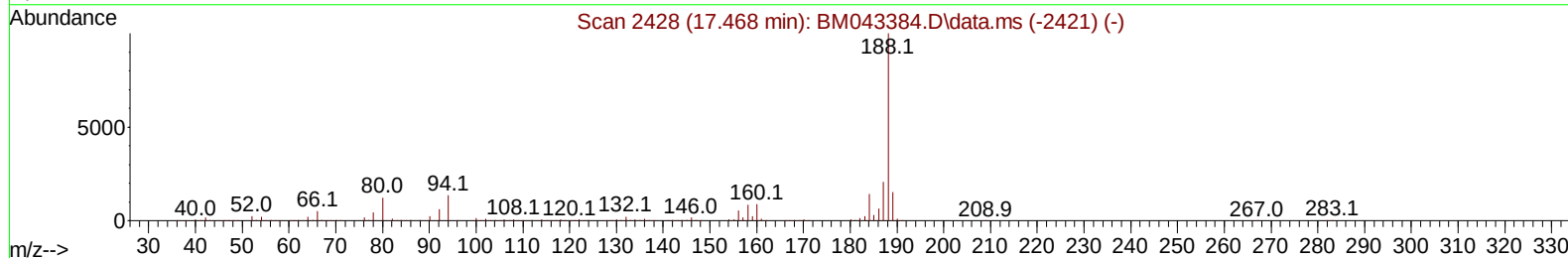
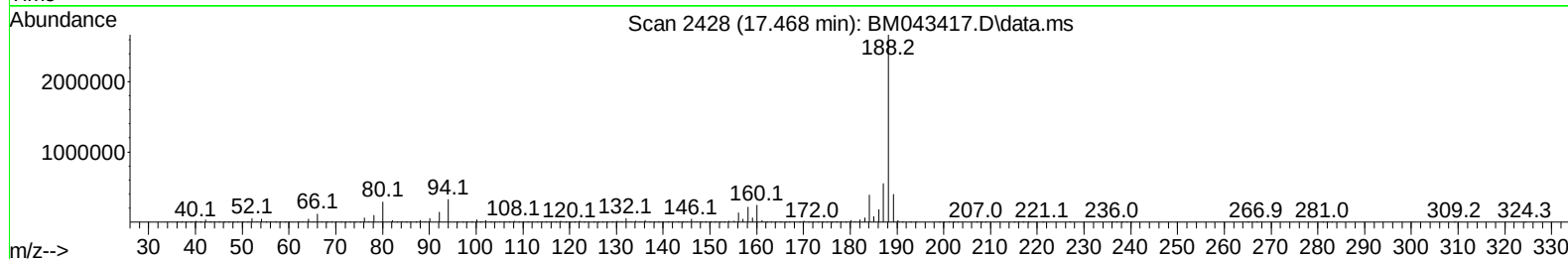
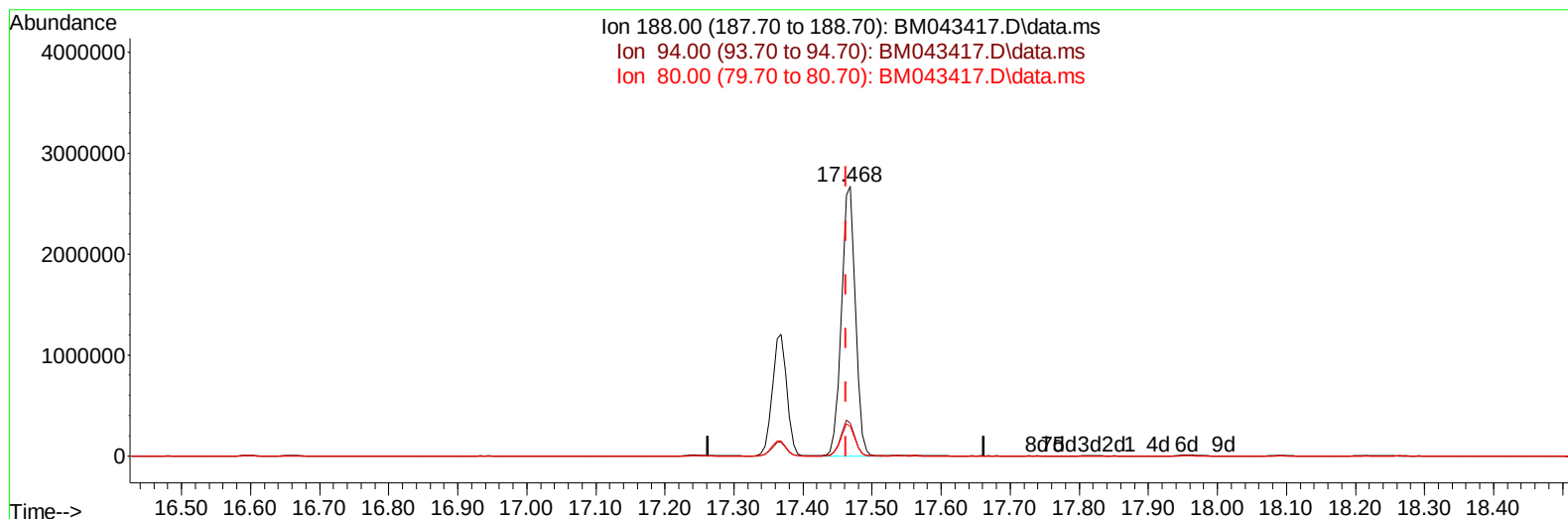
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(73) Anthracene-d10 (S)

17.468min (+ 0.006) 38.18 ng/ul m

response 3753912

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	12.19
80.00	11.90	11.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

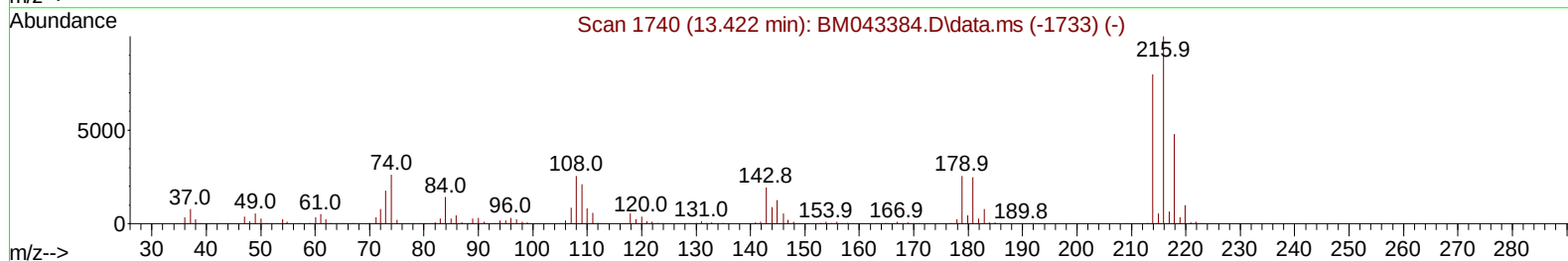
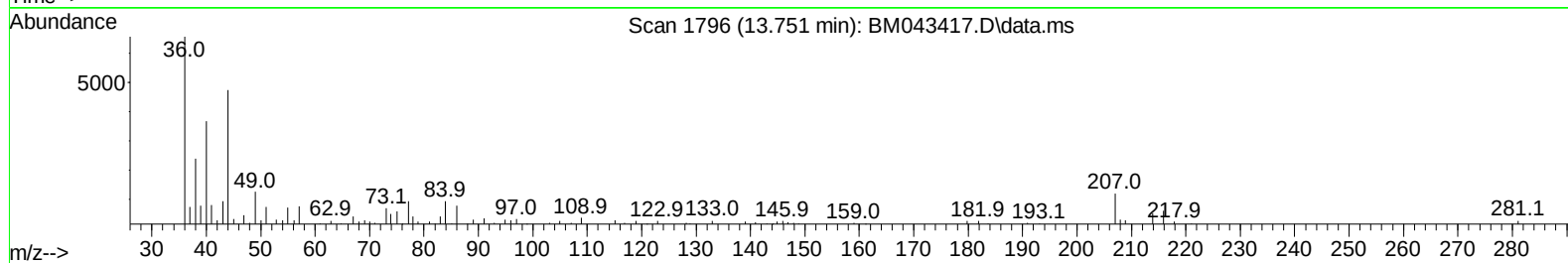
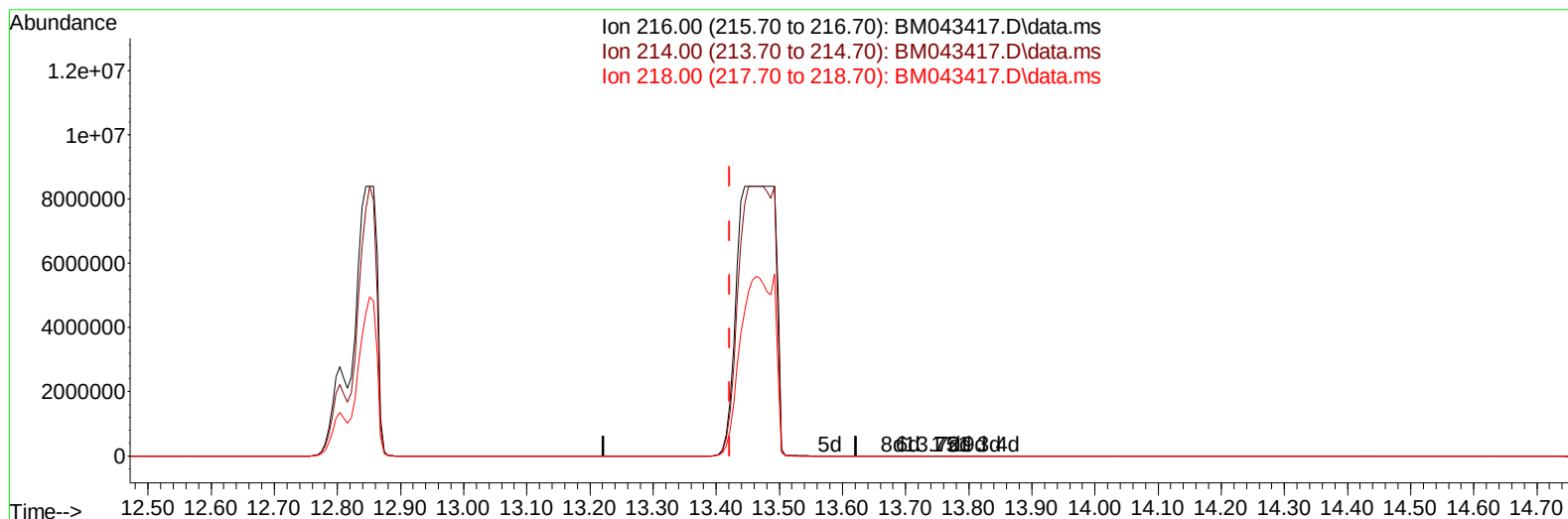
C0AZ6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration



TIC: BM043417.D\data.ms

(75) 1,2,3,4-Tetrachlorobenzene

13.751min (+ 0.329) 0.00 ng/uL

response 129

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	78.80	88.63
218.00	48.20	39.46
0.00	0.00	0.00

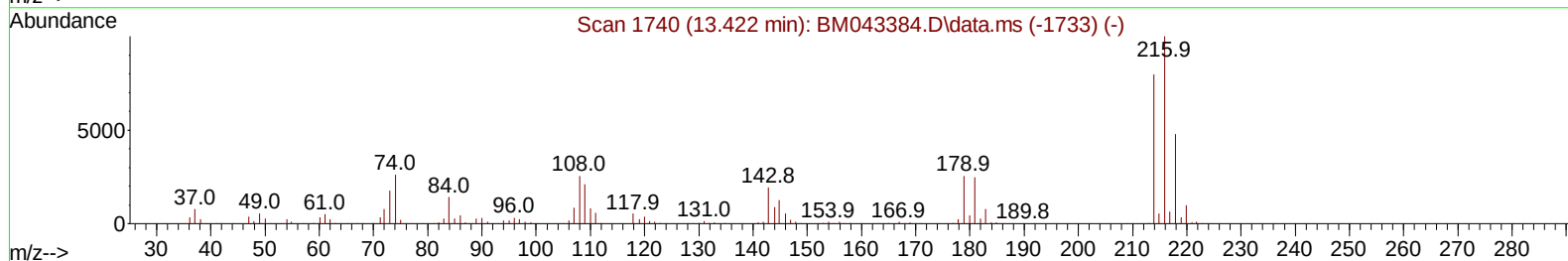
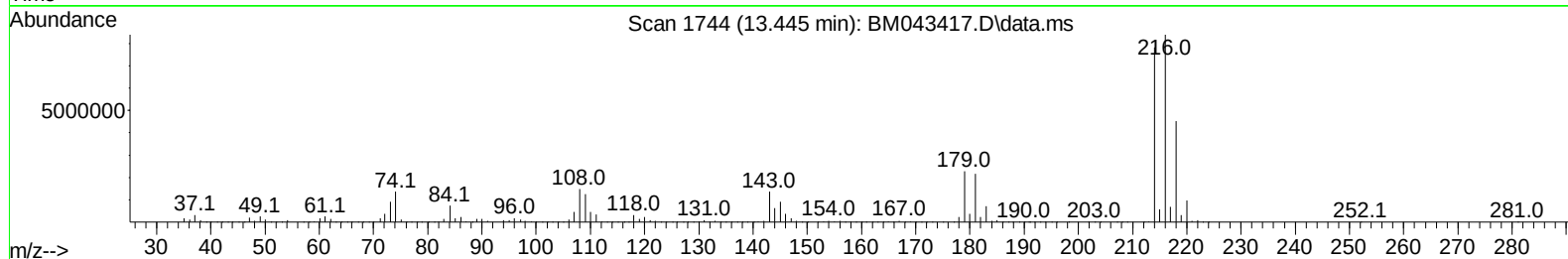
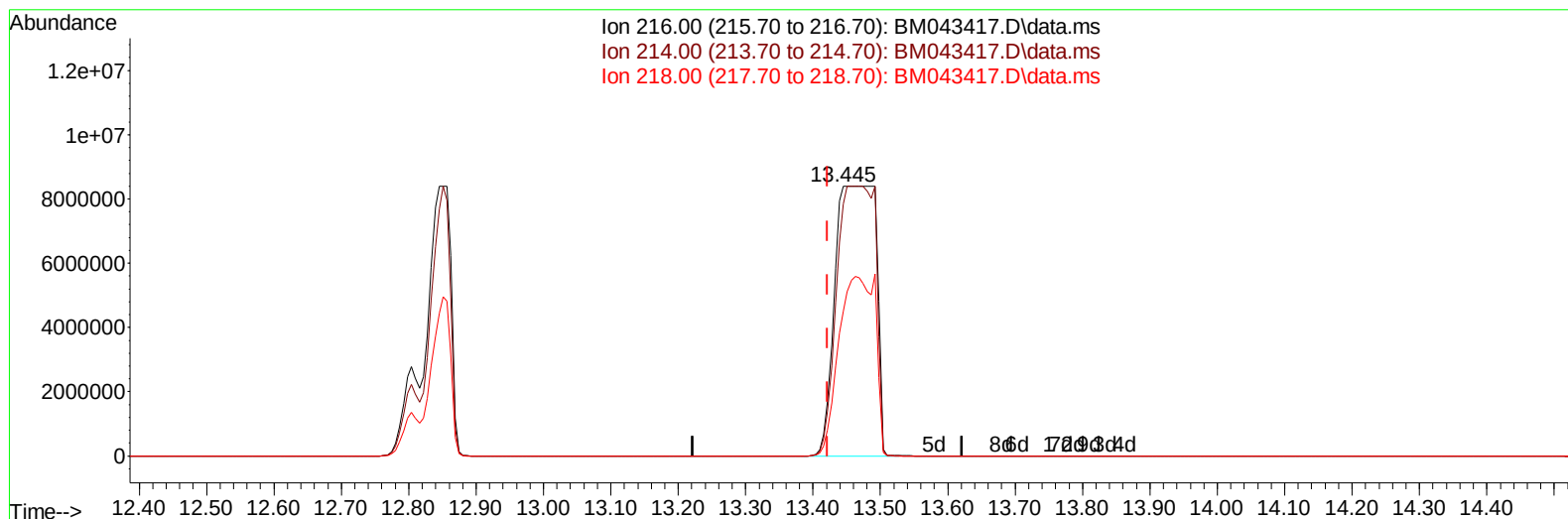
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(75) 1,2,3,4-Tetrachlorobenzene

13.445min (+ 0.024) 1230.89 ng/uL m

response 35440995

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	78.80	93.38
218.00	48.20	53.75
0.00	0.00	0.00

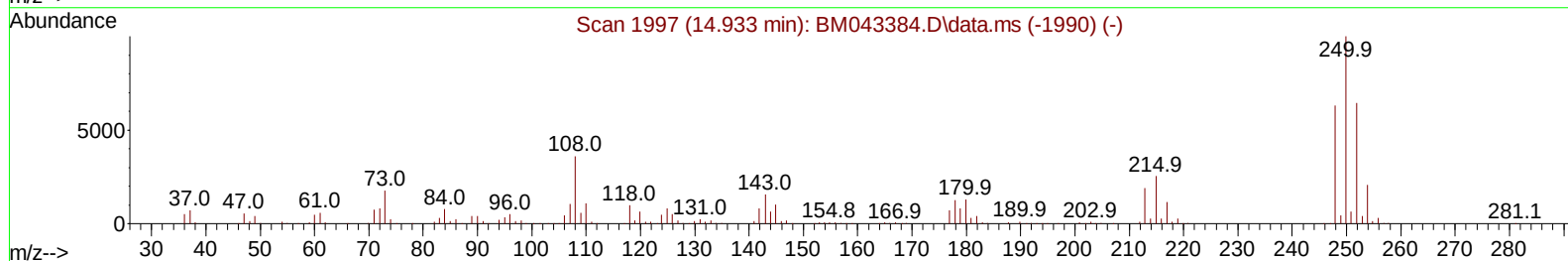
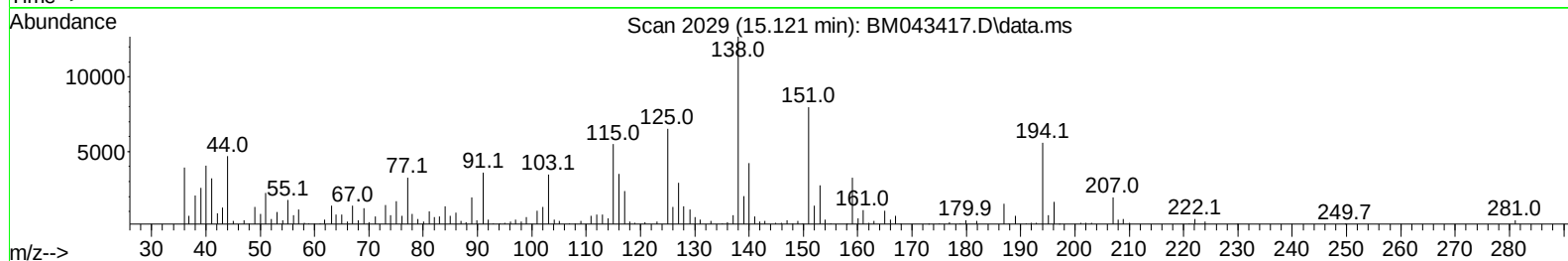
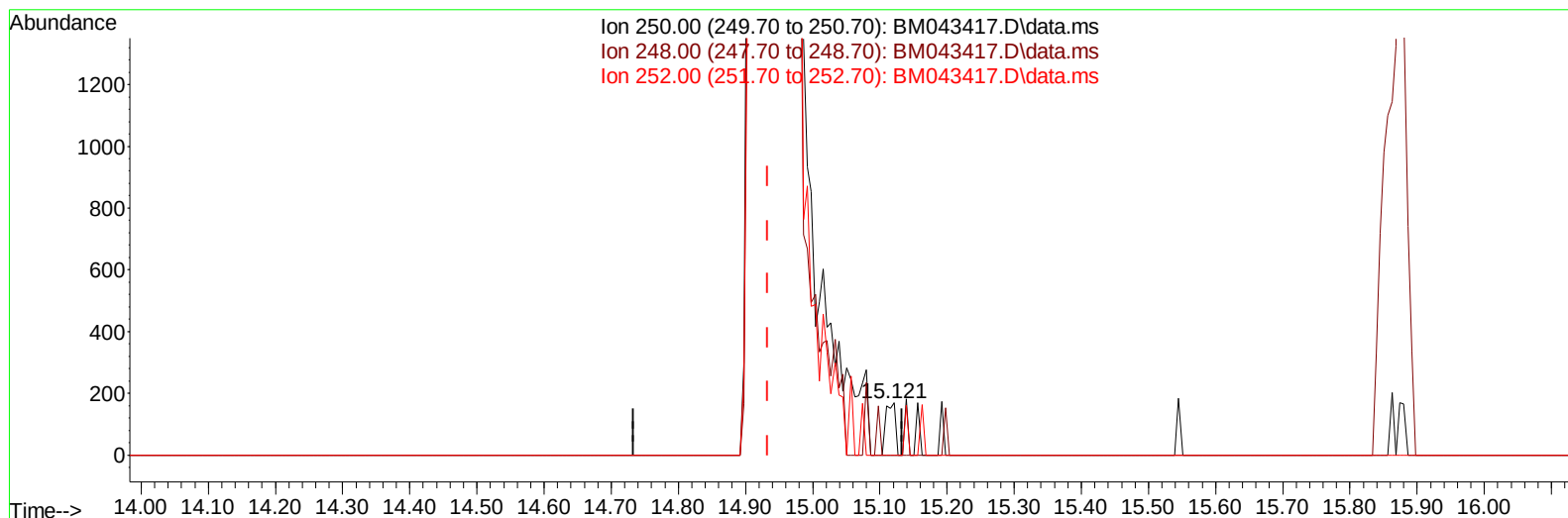
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(76) Pentachlorobenzene

15.121min (+ 0.188) 0.01 ng/uL

response 170

Ion	Exp%	Act%
250.00	100.00	100.00
248.00	61.20	0.00#
252.00	62.00	0.00#
0.00	0.00	0.00

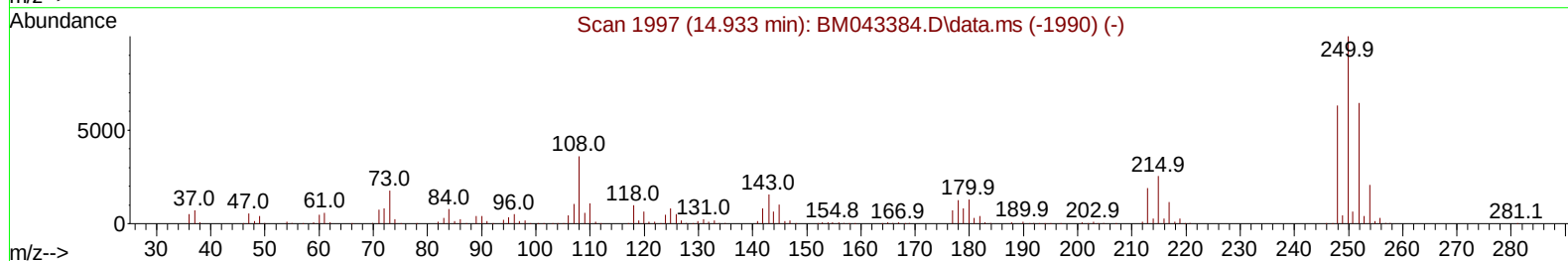
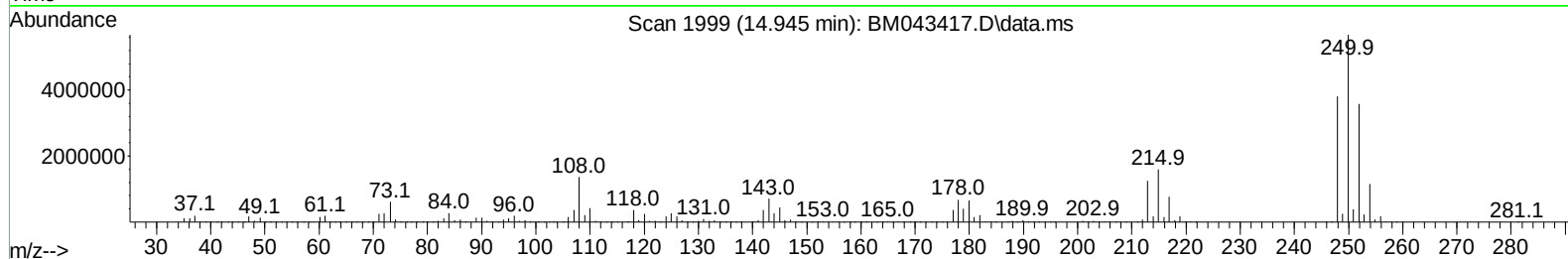
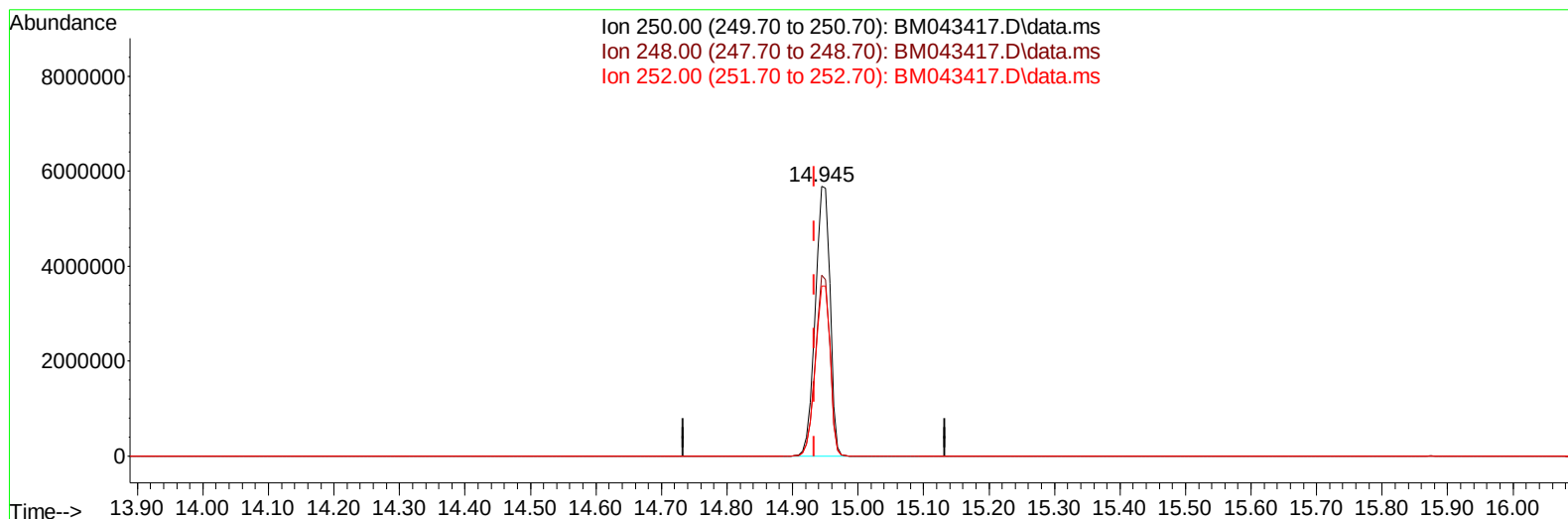
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(76) Pentachlorobenzene

14.945min (+ 0.012) 311.76 ng/uL m

response 8740544

Ion	Exp%	Act%
250.00	100.00	100.00
248.00	61.20	67.01
252.00	62.00	63.06
0.00	0.00	0.00

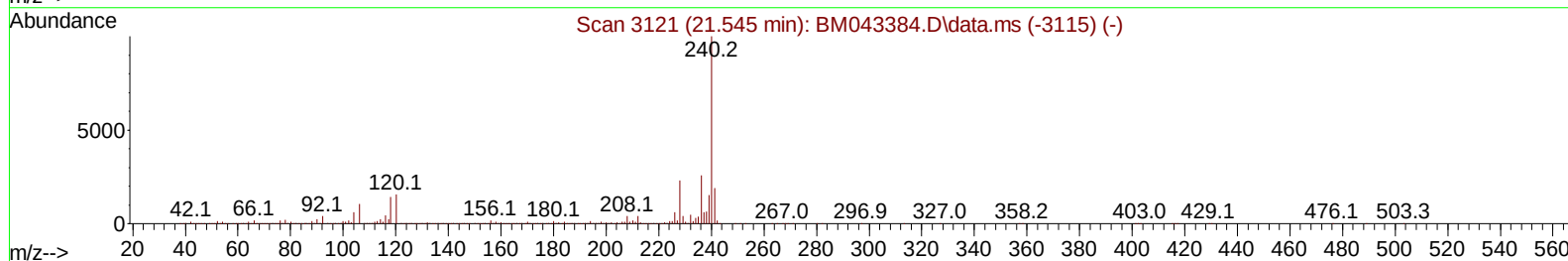
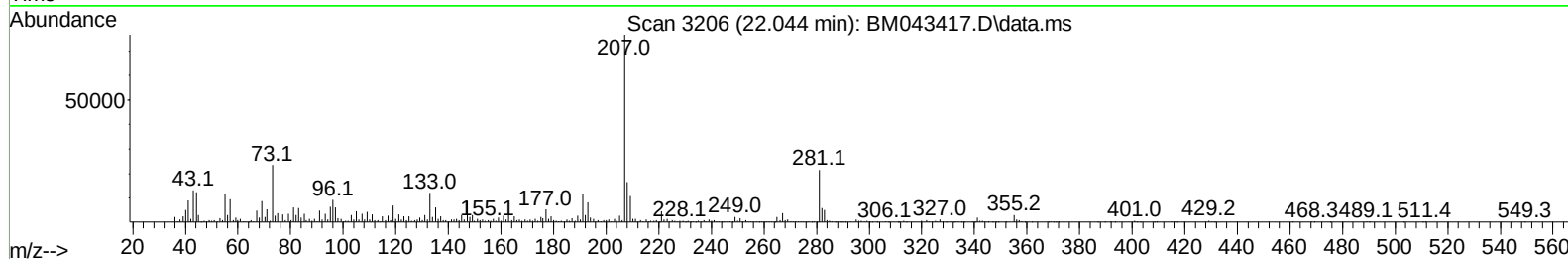
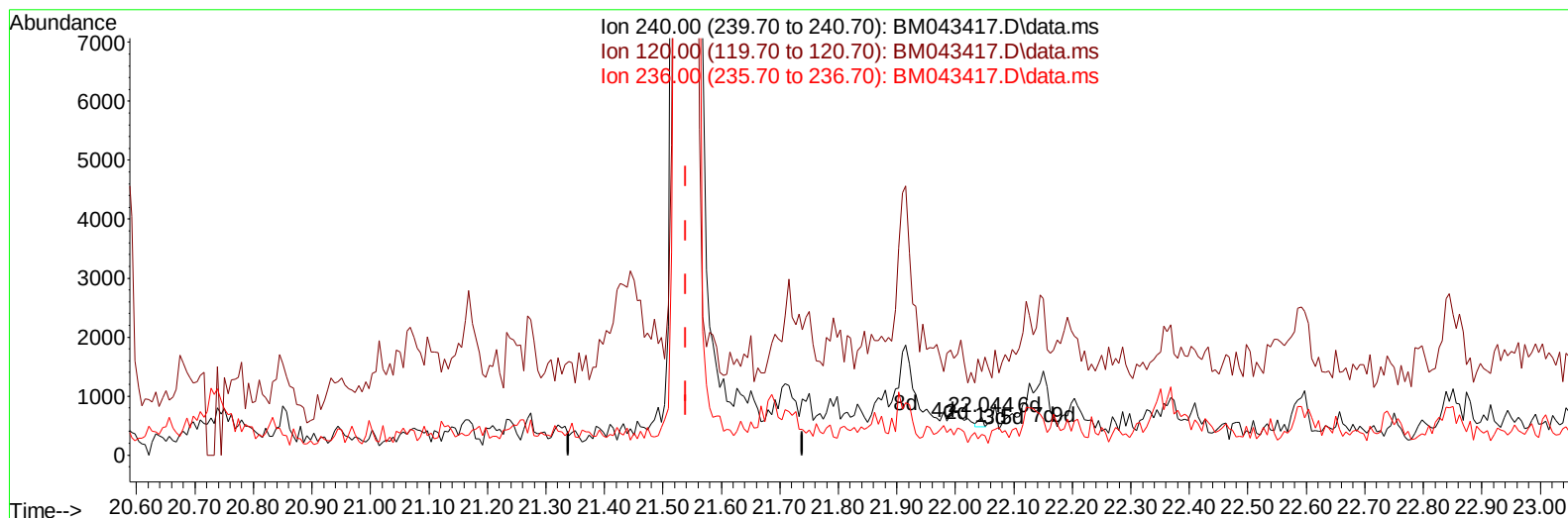
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:48:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(79) Chrysene-d12 (I)

22.044min (+ 0.506) 20.00 ng/ul

response 93

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.20	219.57#
236.00	25.70	54.50#
0.00	0.00	0.00

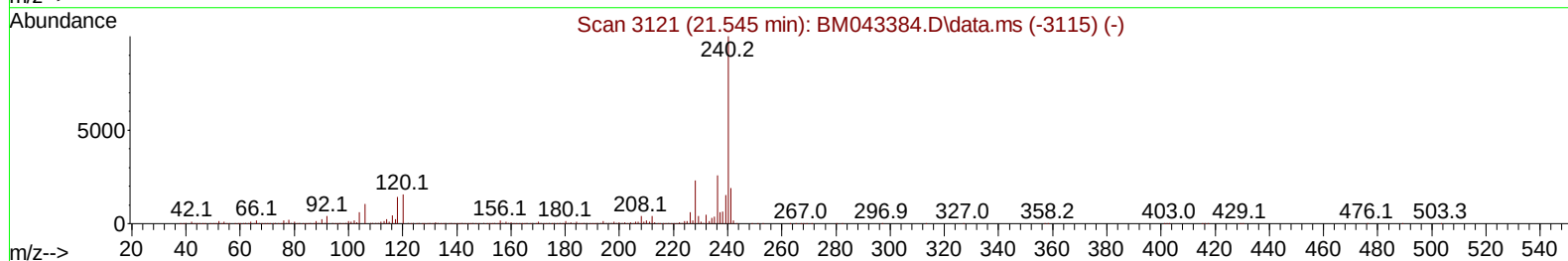
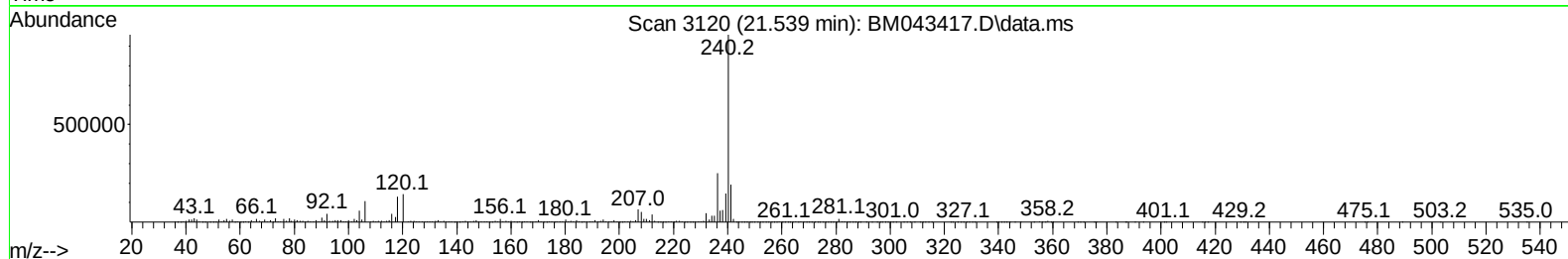
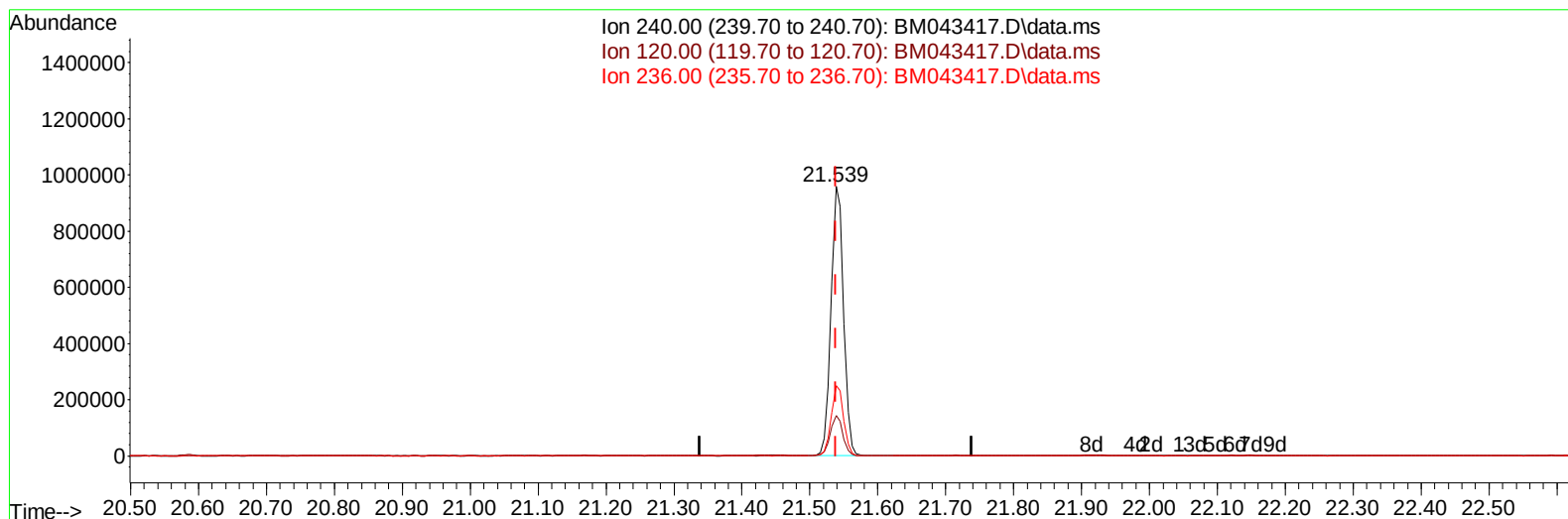
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:48:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(79) Chrysene-d12 (I)

21.539min (+ 0.000) 20.00 ng/ul m

response 1224024

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.20	14.98
236.00	25.70	26.06
0.00	0.00	0.00

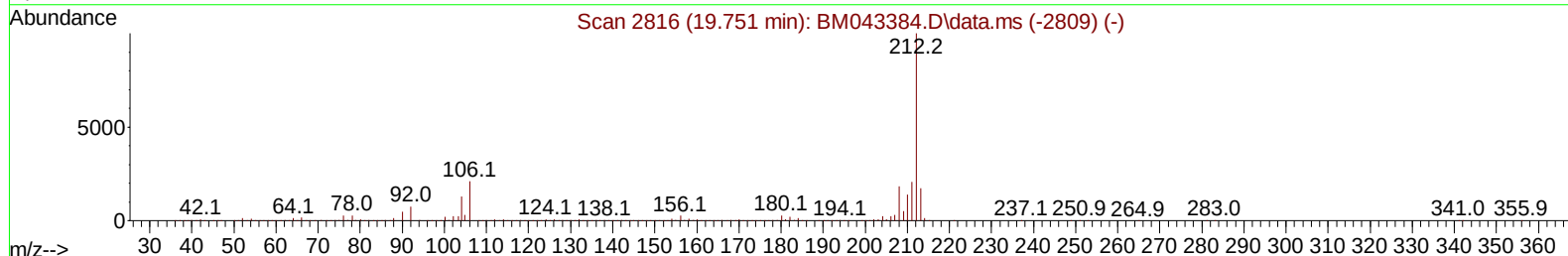
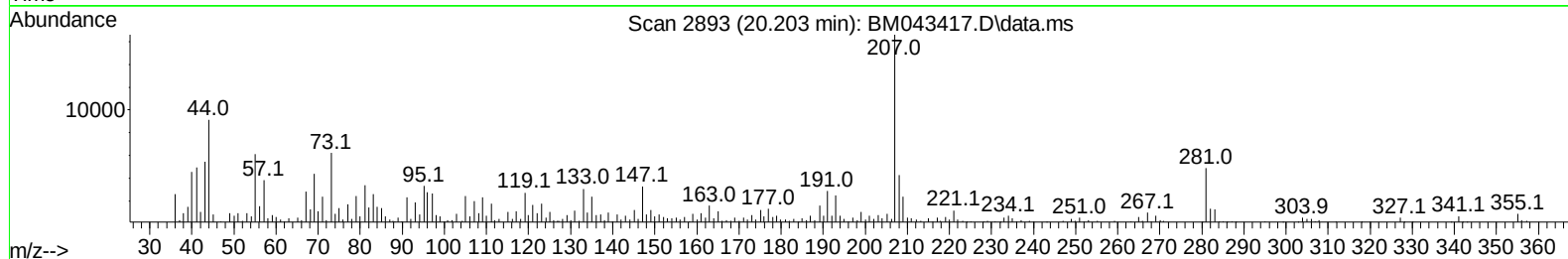
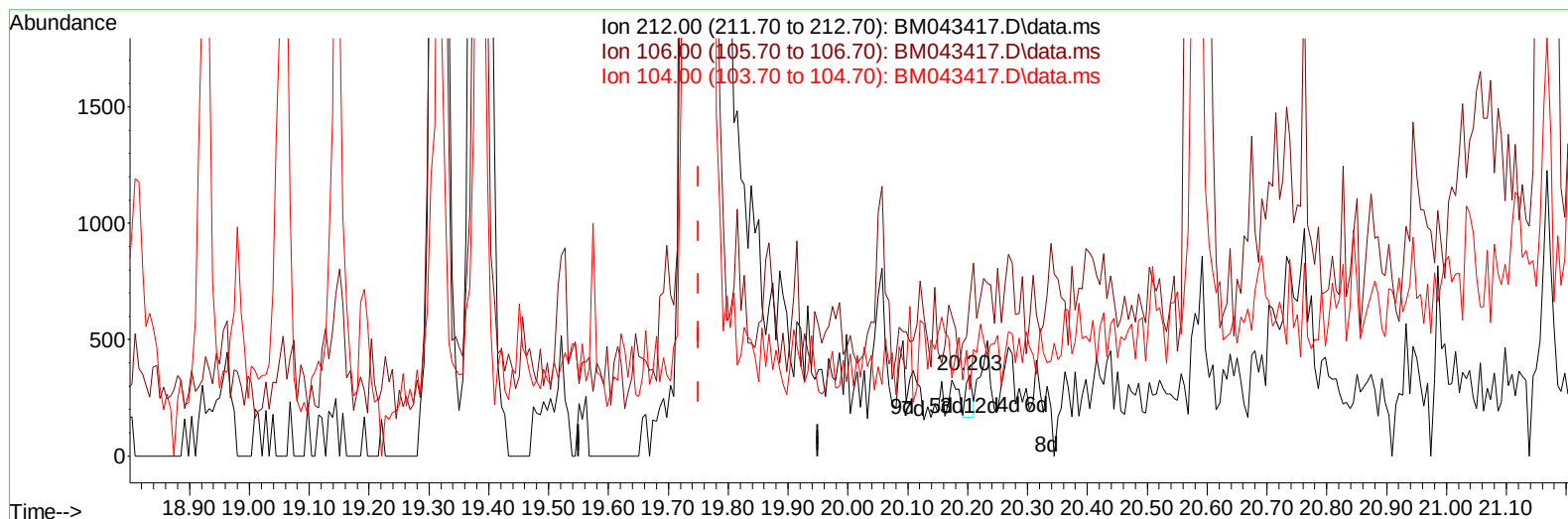
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:49:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(81) Pyrene-d10 (S)

20.203min (+ 0.453) 0.00 ng/u1

response 140

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	192.82#
104.00	12.10	81.90#
0.00	0.00	0.00

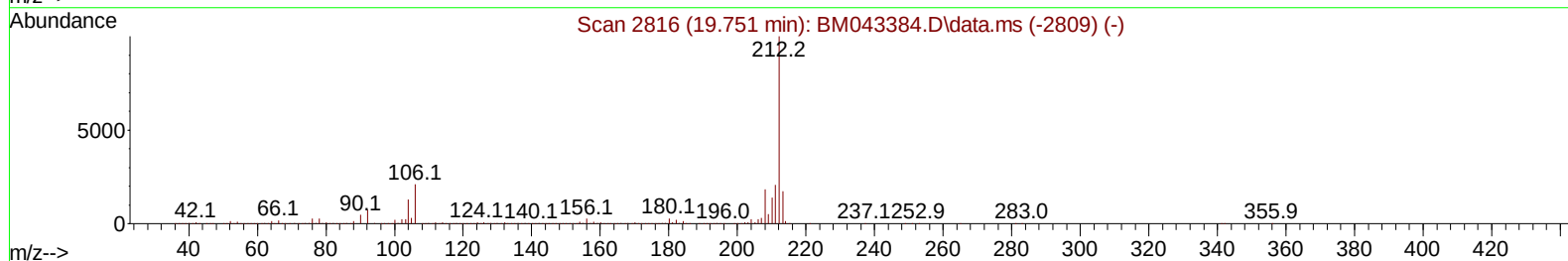
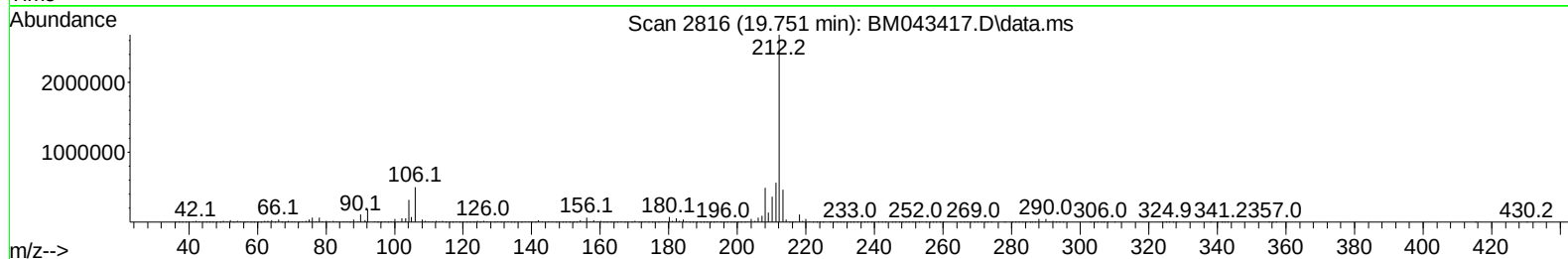
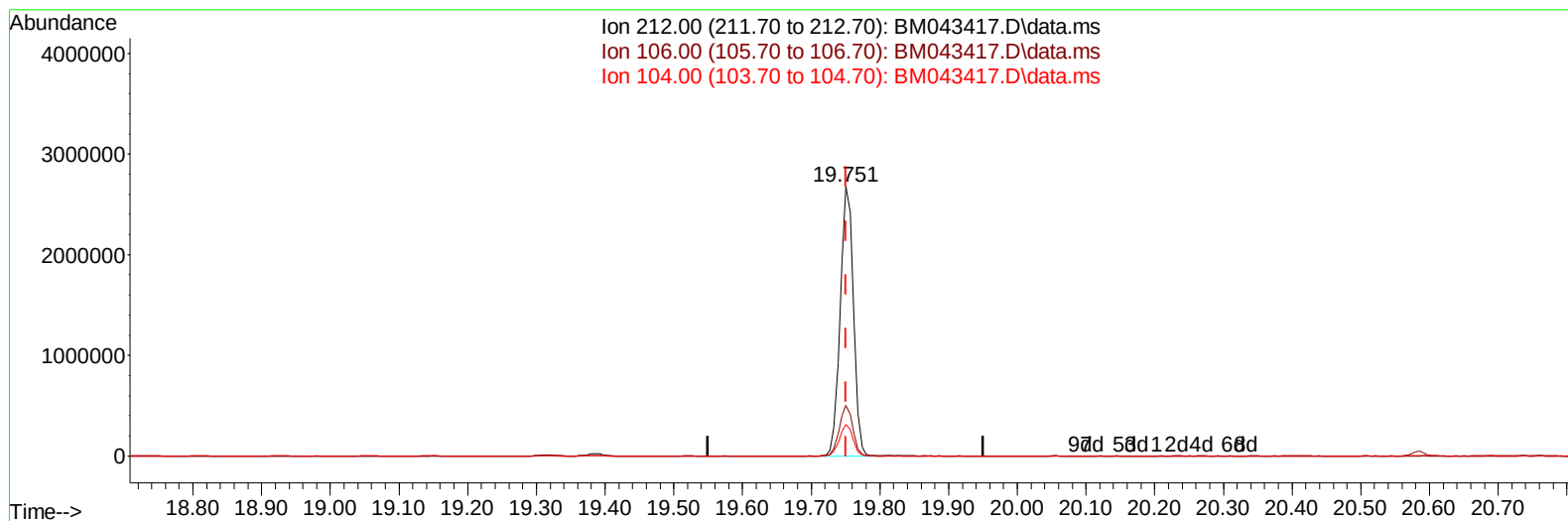
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:49:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(81) Pyrene-d10 (S)

19.751min (+ 0.000) 37.17 ng/ul m

response 3591970

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	18.80
104.00	12.10	11.74
0.00	0.00	0.00

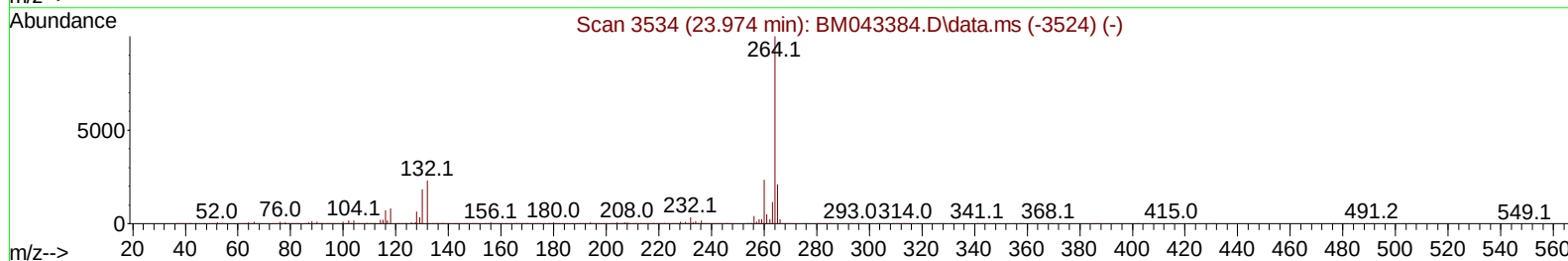
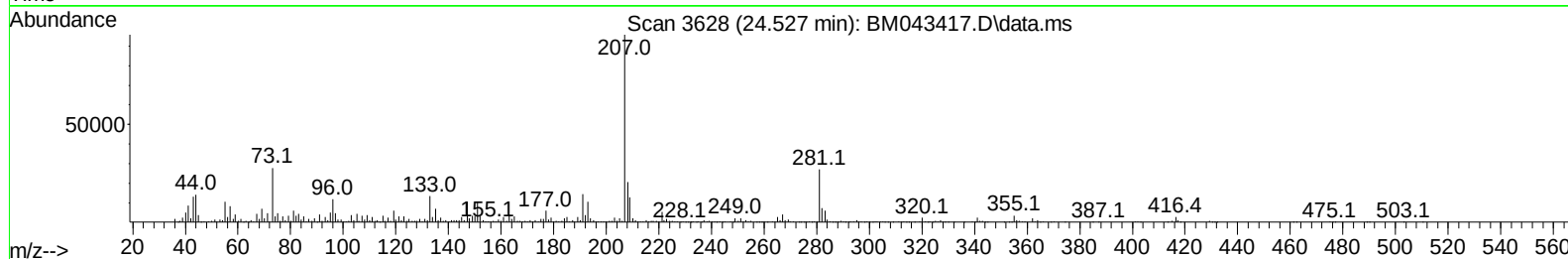
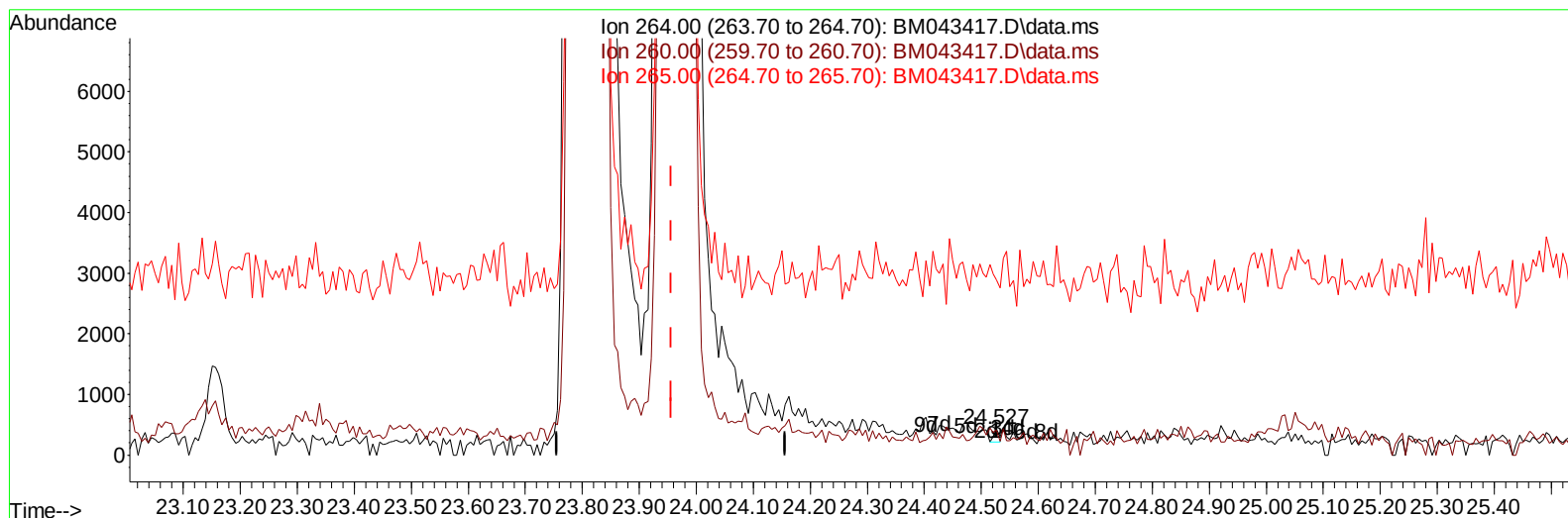
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(88) Perylene-d12 (I)

24.527min (+ 0.571) 20.00 ng/ul

response 144

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.90	97.66#
265.00	22.30	676.40#
0.00	0.00	0.00

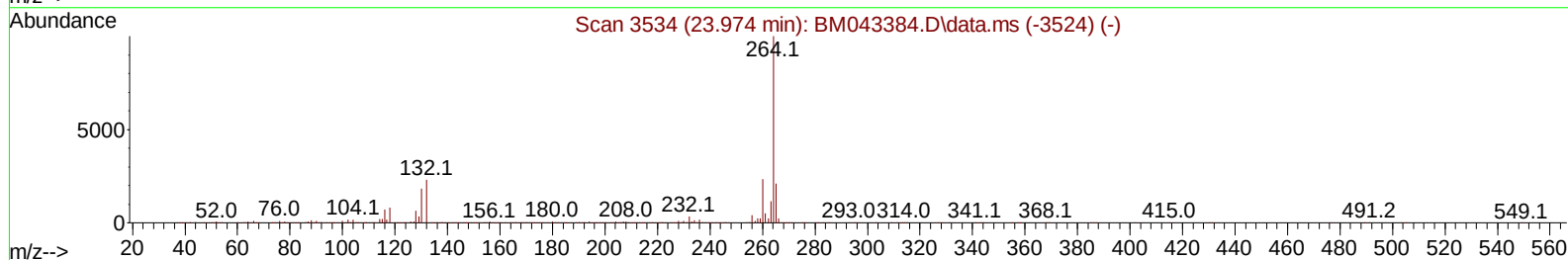
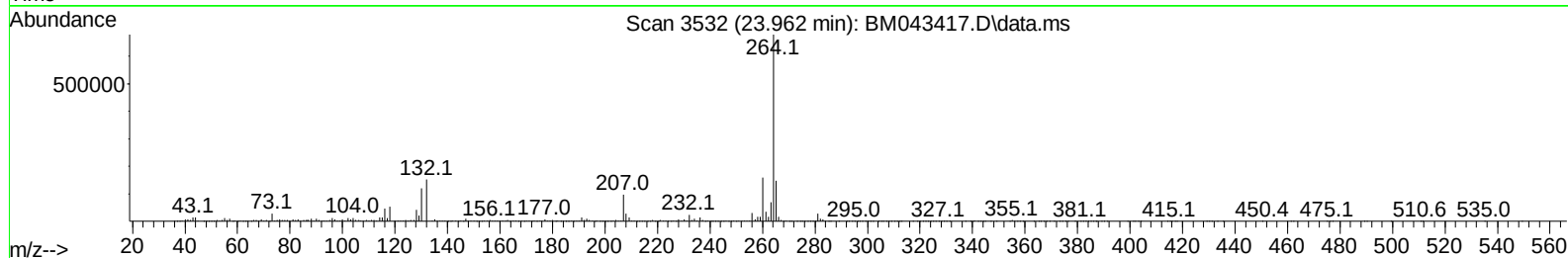
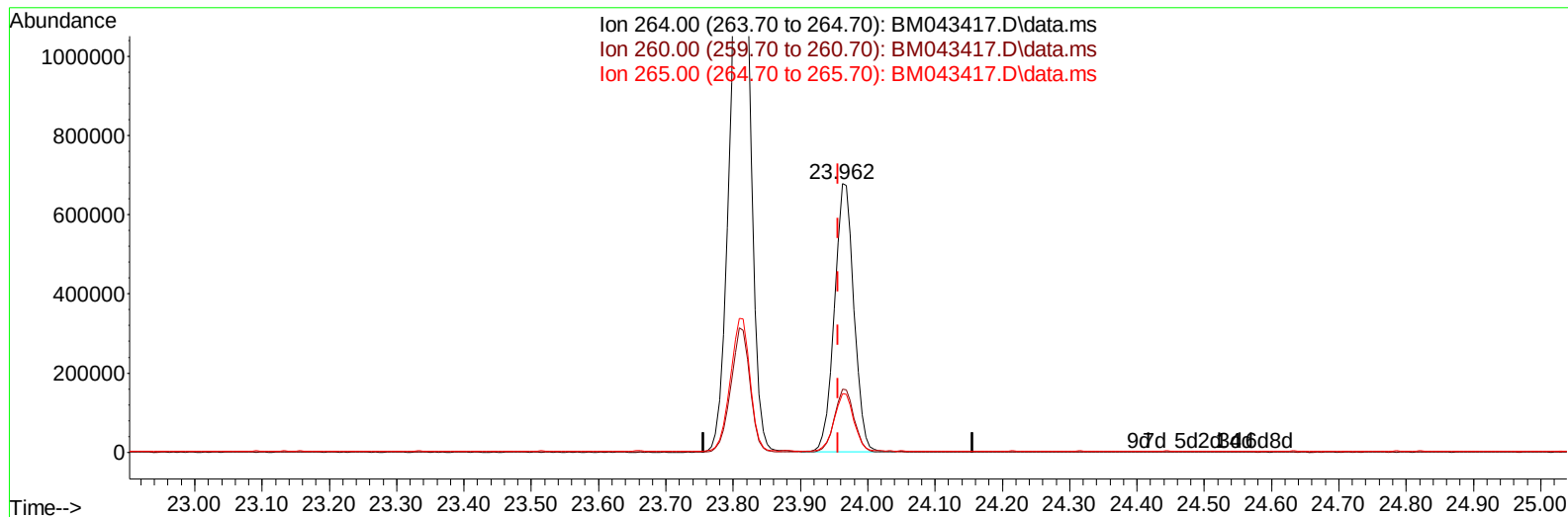
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

(88) Perylene-d12 (I)

23.962min (+ 0.006) 20.00 ng/ul m

response 1363979

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.90	23.39
265.00	22.30	21.88
0.00	0.00	0.00

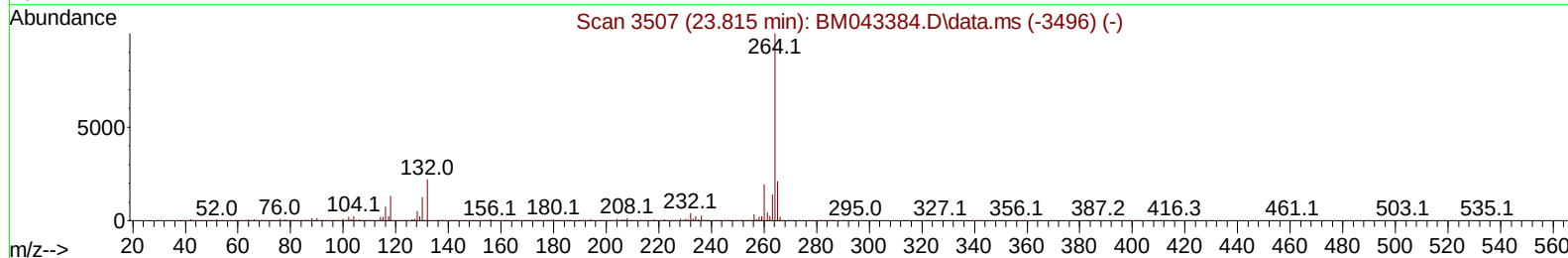
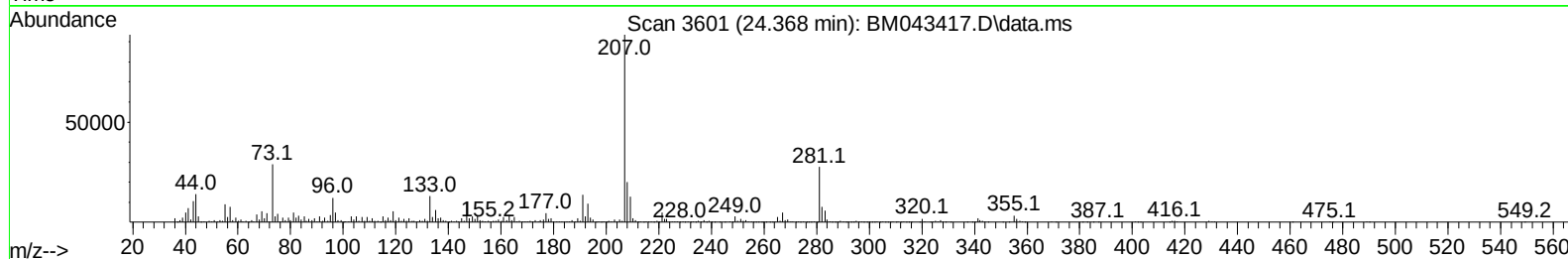
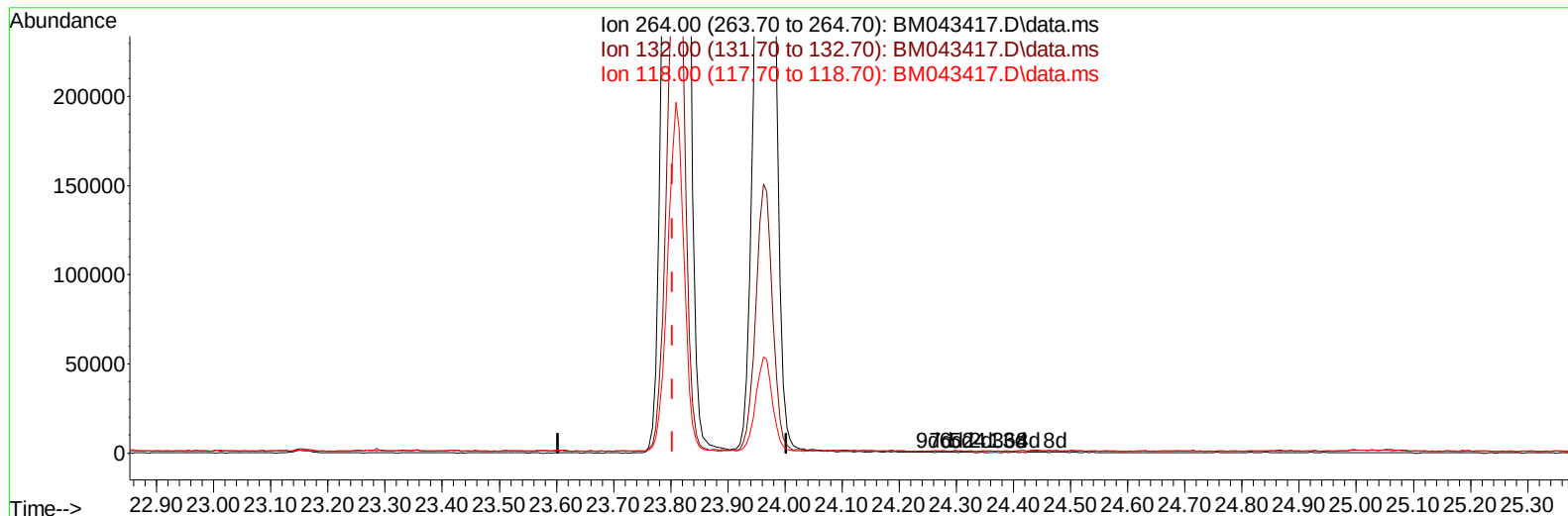
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:50:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

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

24.368min (+ 0.565) 0.00 ng/u1

response 55

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	218.51#
118.00	11.60	229.57#
0.00	0.00	0.00

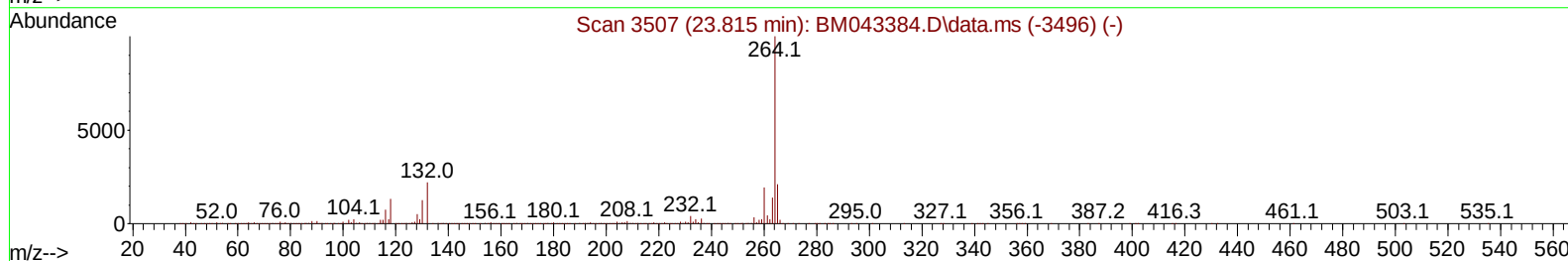
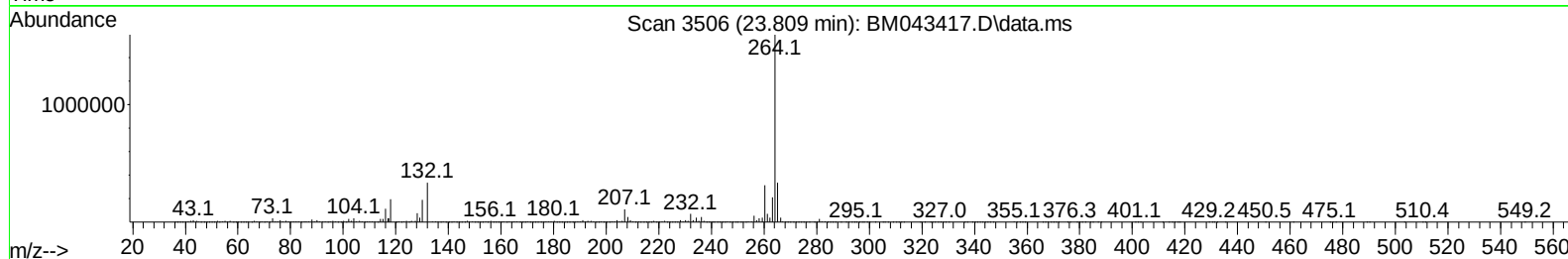
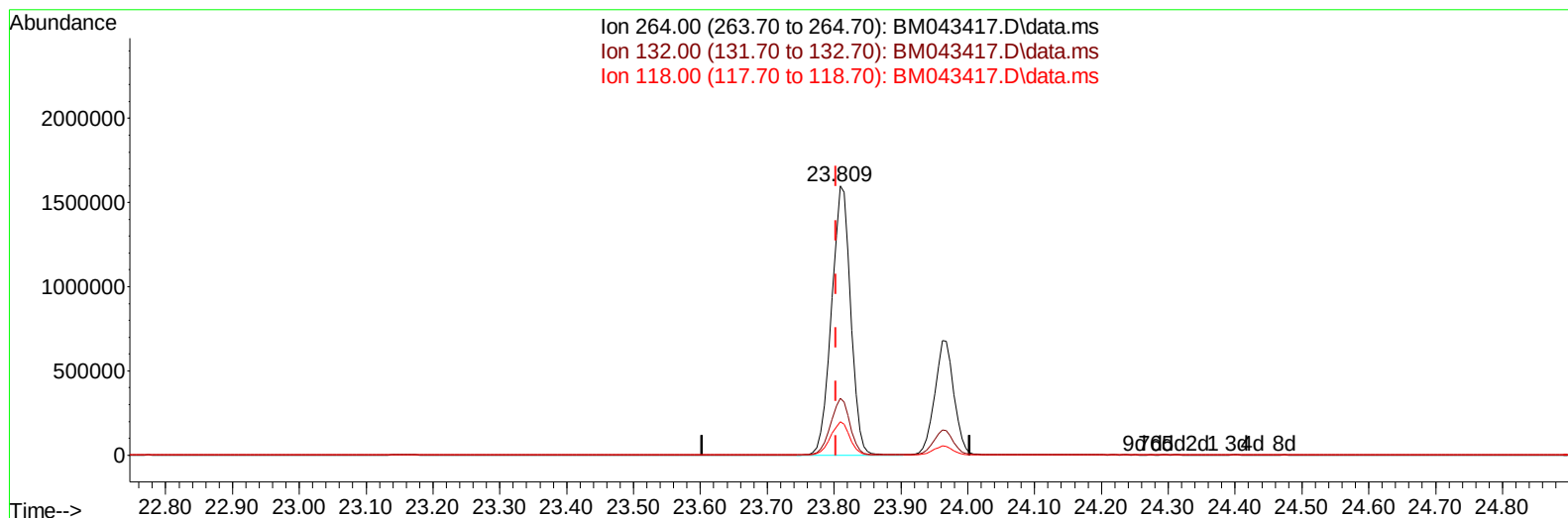
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:50:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BM043417.D\data.ms

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

23.809min (+ 0.006) 37.81 ng/ul m

response 3182122

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	21.11
118.00	11.60	12.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 06:50:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	278087	20.000	ng/ul	0.04
20) Naphthalene-d8	10.951	136	1676148	20.000	ng/ul	0.15
38) Acenaphthene-d10	14.627	164	978866m	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1753250m	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1224024m	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1363979m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	97250	11.366	ng/uL	0.00
4) Pyridine-d5	3.810	84	1423402	57.800	ng/ul	0.00
7) Phenol-d5	7.157	99	2029441	64.152	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	1341400	66.953	ng/ul	0.01
11) 2-Chlorophenol-d4	7.534	132	1613360	66.795	ng/ul	0.01
15) 4-Methylphenol-d8	8.710	113	1438731	58.608	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	752048	46.374	ng/ul	0.02
24) 2-Nitrophenol-d4	9.904	143	803203	47.935	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.457	165	1307888	44.216	ng/ul	0.04
31) 4-Chloroaniline-d4	11.004	131	1690285	38.842	ng/ul	0.06
46) Dimethylphthalate-d6	14.045	166	3188266m	36.182	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	4002830m	38.293	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	532116m	31.905	ng/ul	0.00
60) Fluorene-d10	15.616	176	2734427m	37.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	301652m	26.015	ng/ul	0.00
73) Anthracene-d10	17.468	188	3753912m	38.178	ng/ul	0.00
81) Pyrene-d10	19.751	212	3591970m	37.170	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	3182122m	37.806	ng/ul	0.00
Target Compounds						
						Qvalue
39) 1,2,4,5-Tetrachloroben...	12.845	216	23089663m	774.167	ng/ul	
69) Hexachlorobenzene	16.663	284	144192m	6.059	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.445	216	35440995m	1230.894	ng/uL	
76) Pentachlorobenzene	14.945	250	8740544m	311.758	ng/uL	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043417.D
 Acq On : 19 Dec 2023 06:11
 Operator : MA/JU
 Sample : 05807-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:50:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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