

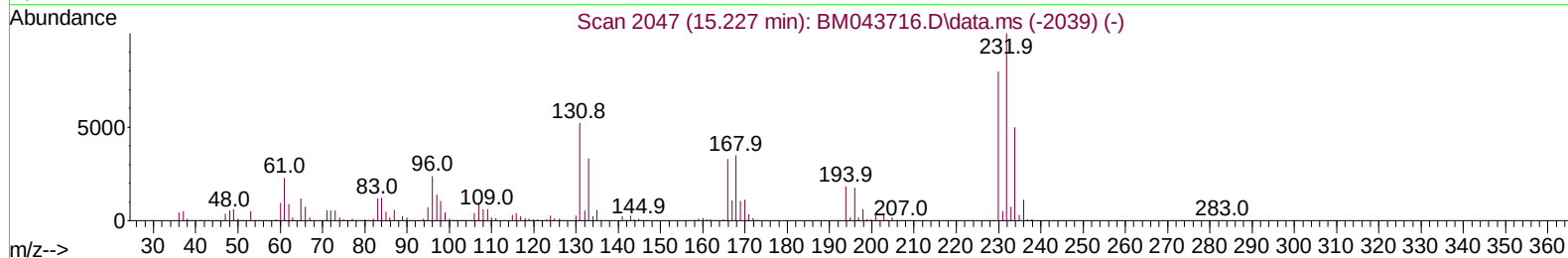
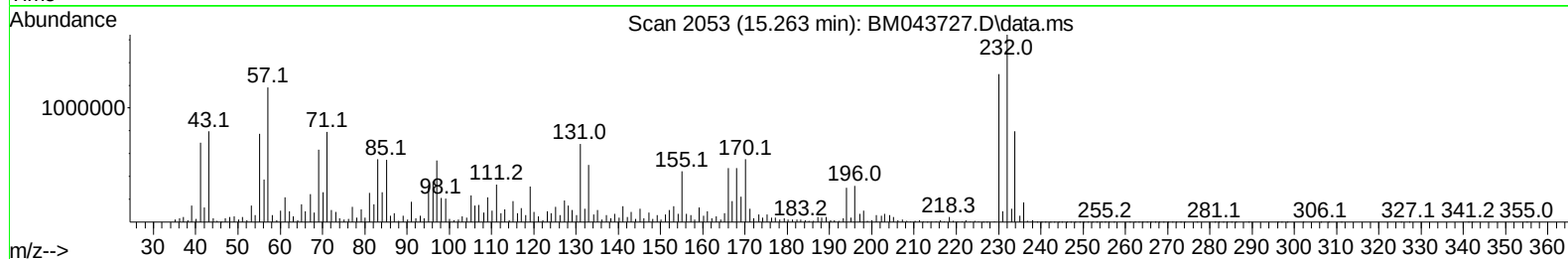
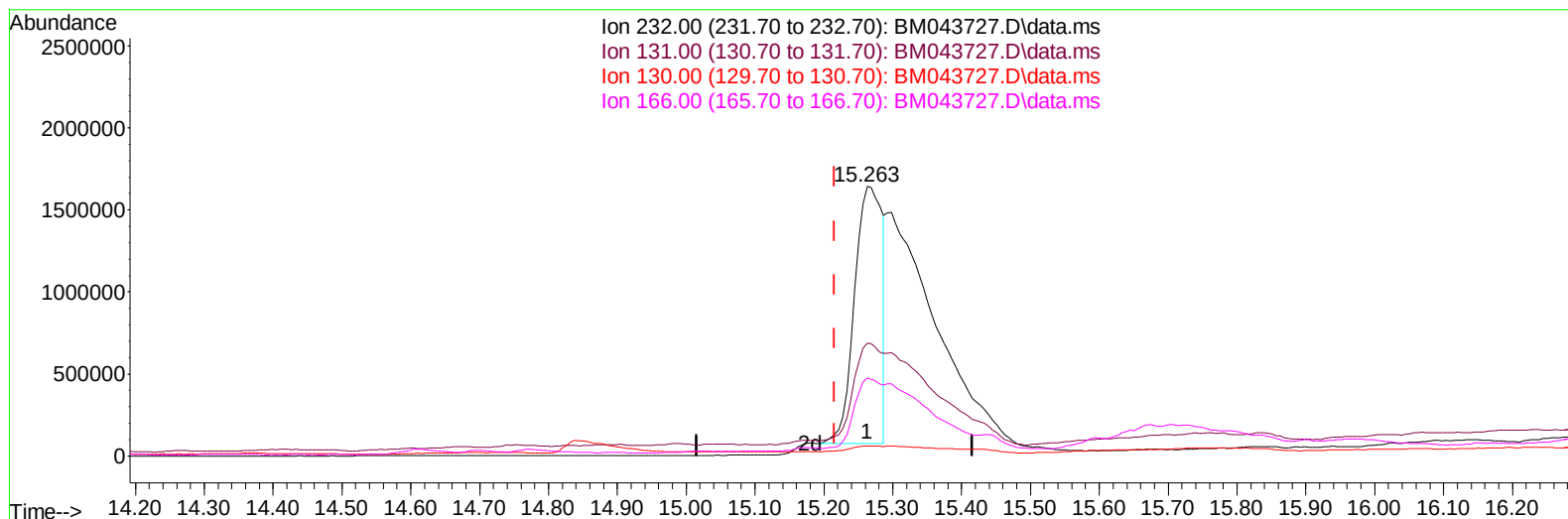
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043727.D
 Acq On : 03 Jan 2024 11:31
 Operator : MA/JU
 Sample : 05919-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

15.263min (+ 0.047) 282.73 ng/ul

response 4378465

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	59.20	41.85#
130.00	3.00	3.69#
166.00	37.60	28.83#

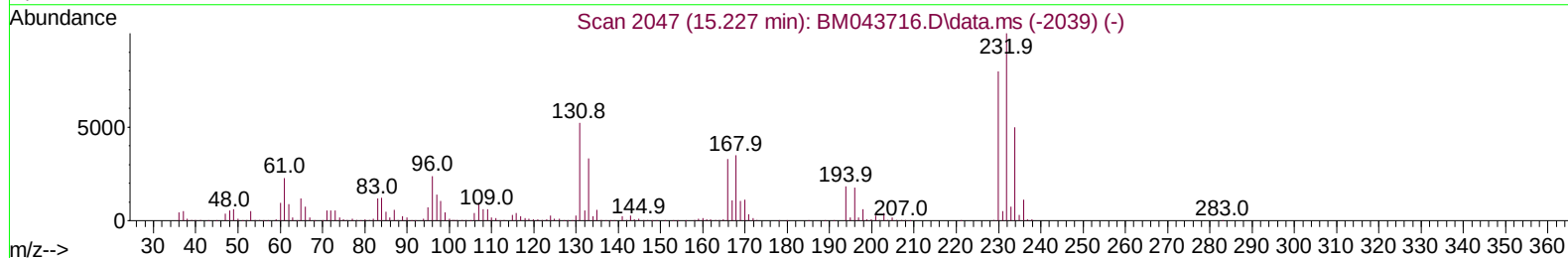
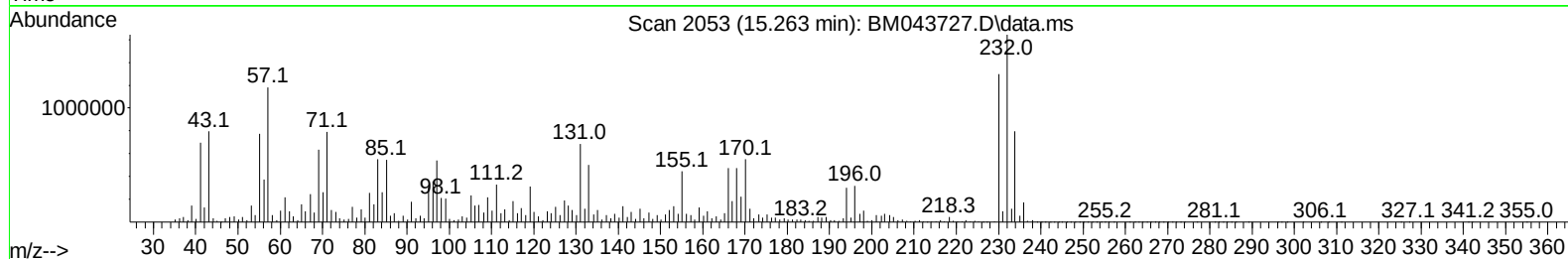
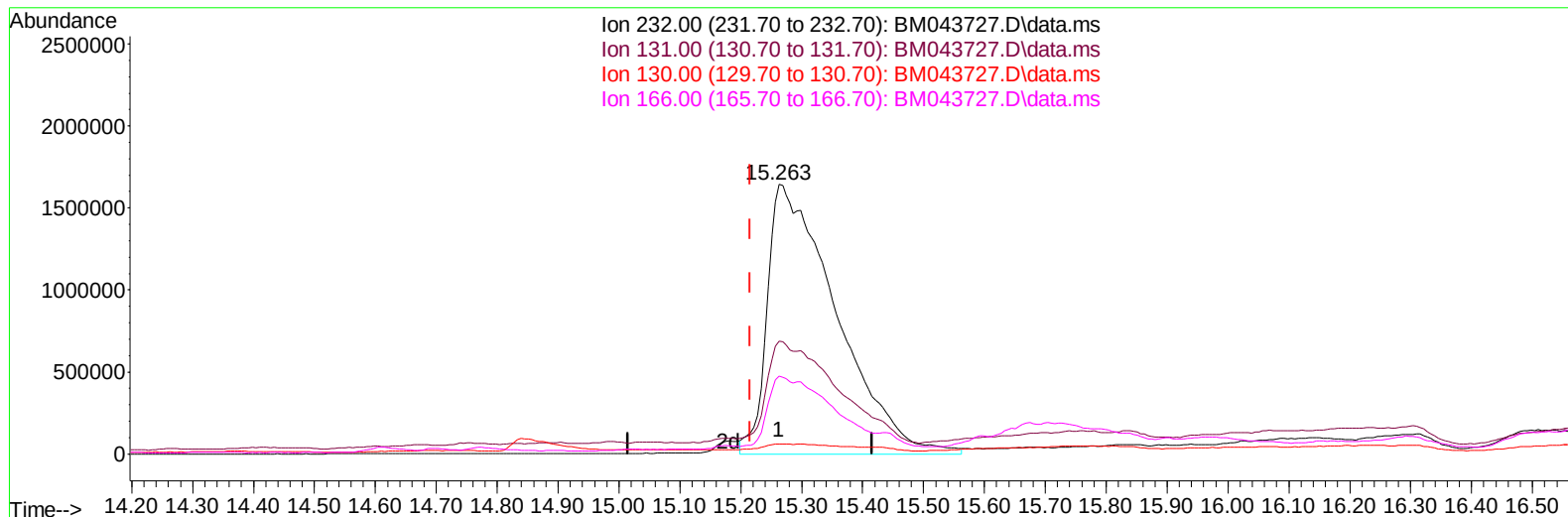
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

15.263min (+ 0.047) 835.68 ng/ul m

response 12941467

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	59.20	41.85#
130.00	3.00	3.69#
166.00	37.60	28.83#

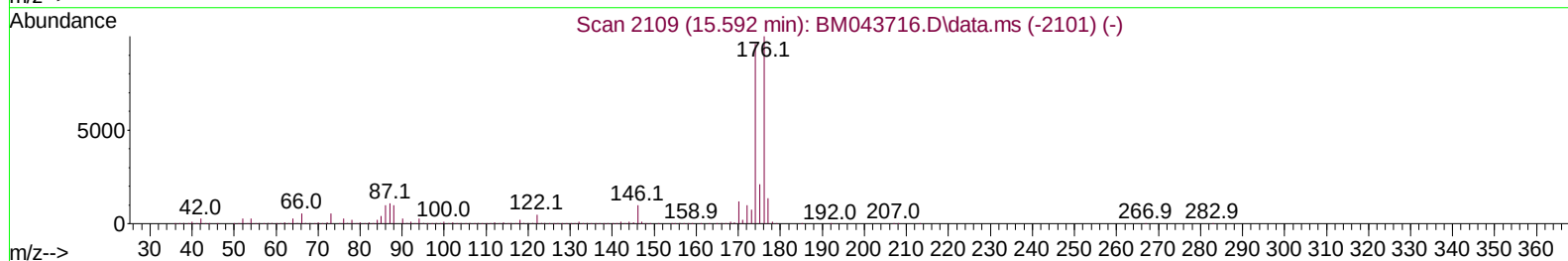
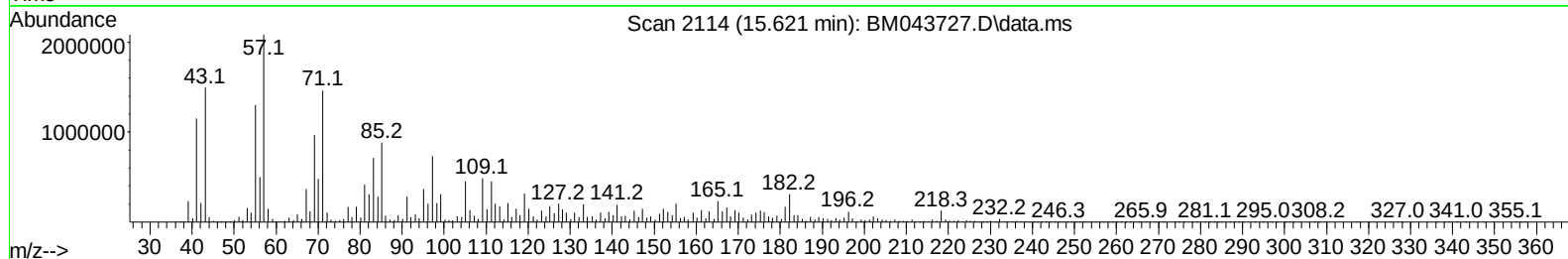
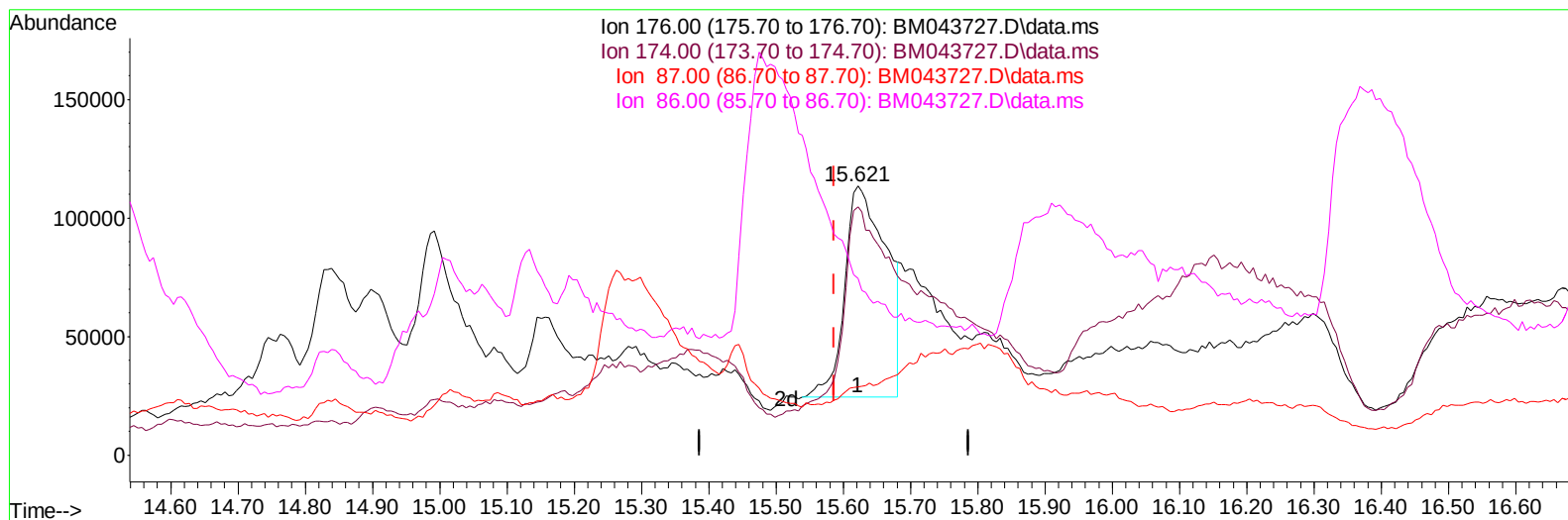
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(60) Fluorene-d10 (S)

15.621min (+ 0.035) 5.88 ng/ul

response 384707

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	92.38
87.00	11.70	25.28#
86.00	10.80	65.68#

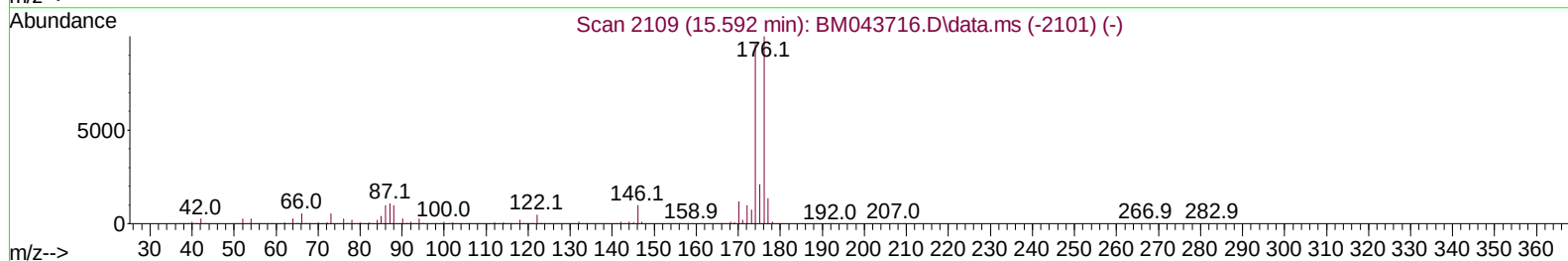
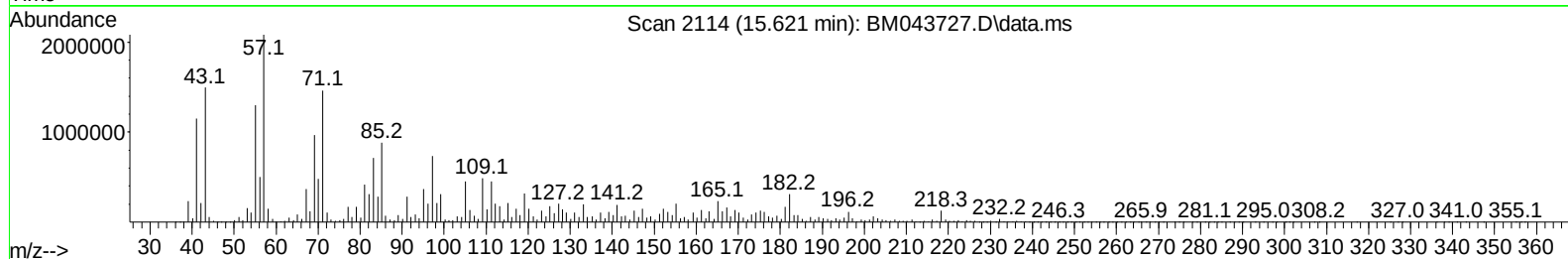
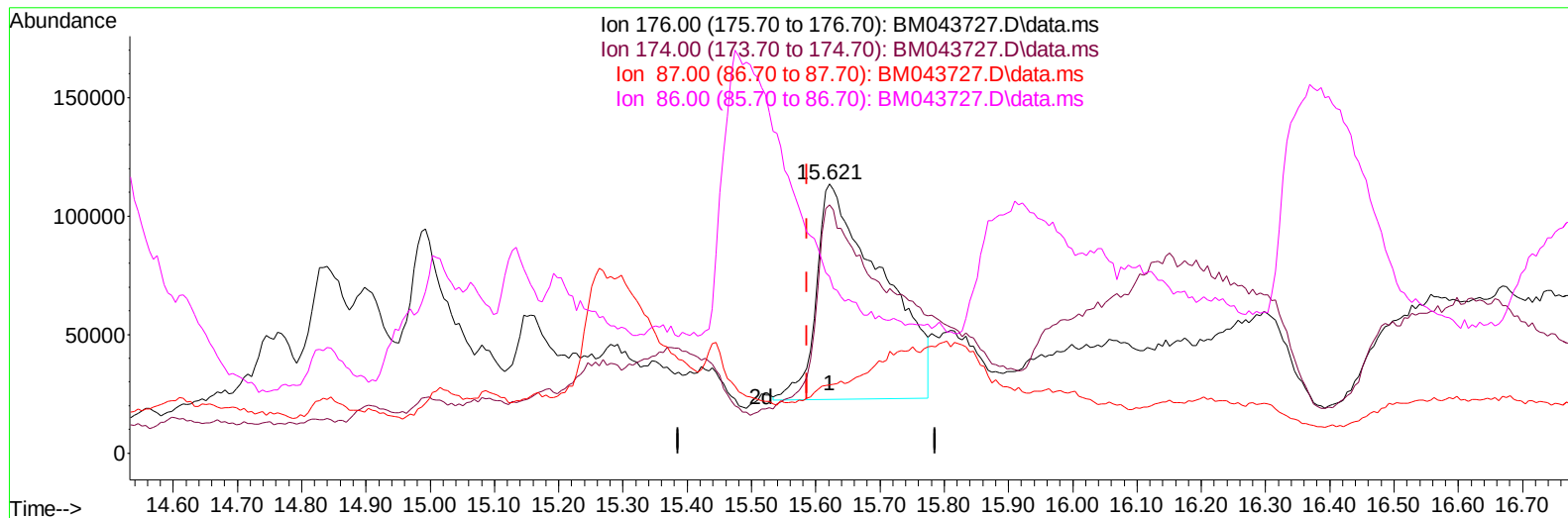
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(60) Fluorene-d10 (S)

15.621min (+ 0.035) 9.81 ng/ul m

response 641931

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	92.38
87.00	11.70	25.28#
86.00	10.80	65.68#

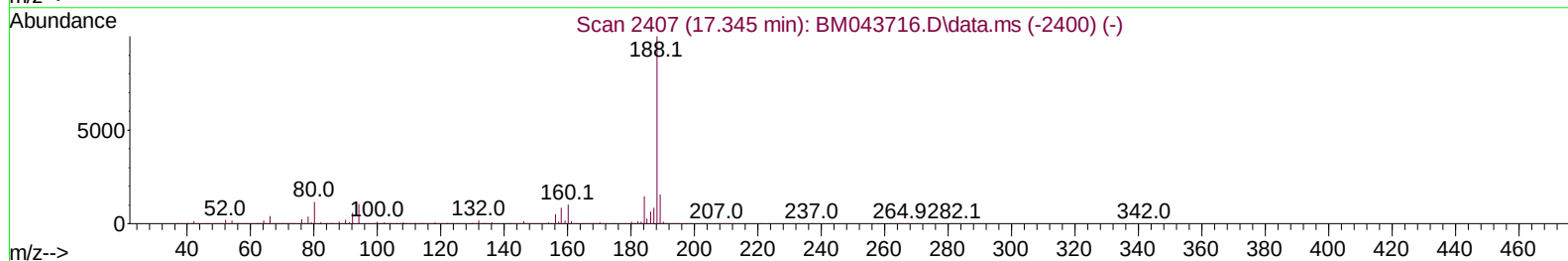
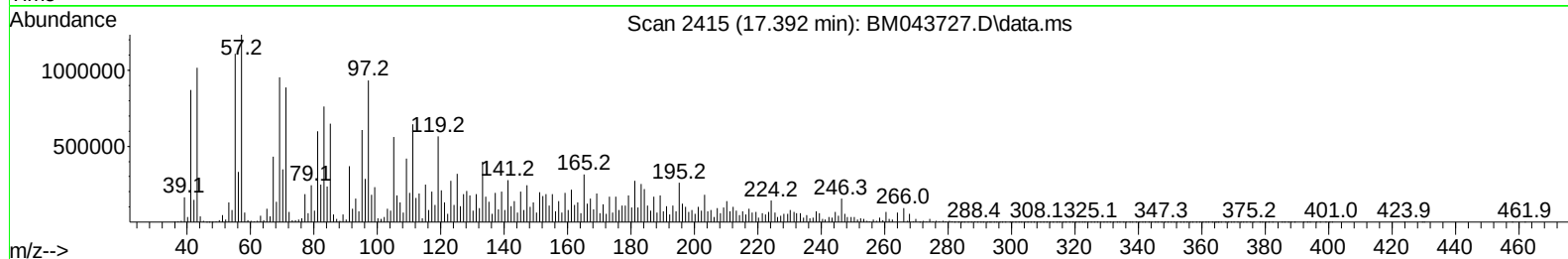
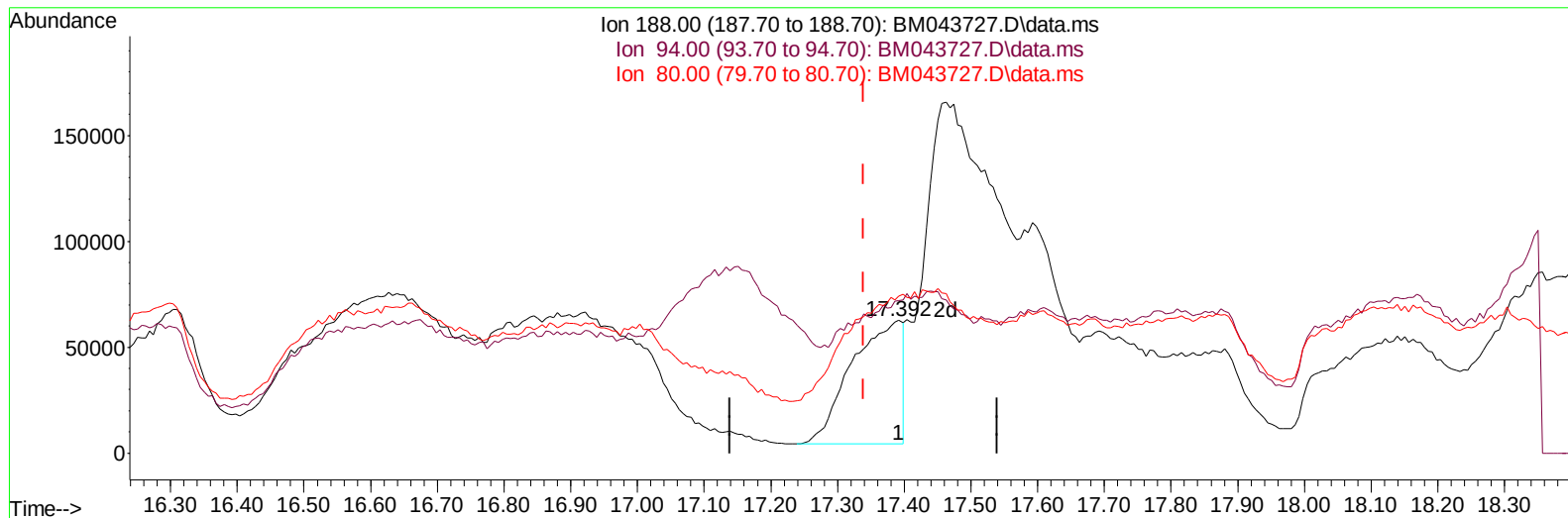
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(64) Phenanthrene-d10 (I)

17.392min (+ 0.053) 20.00 ng/u1

response 308573

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	114.57#
80.00	13.20	117.98#
0.00	0.00	0.00

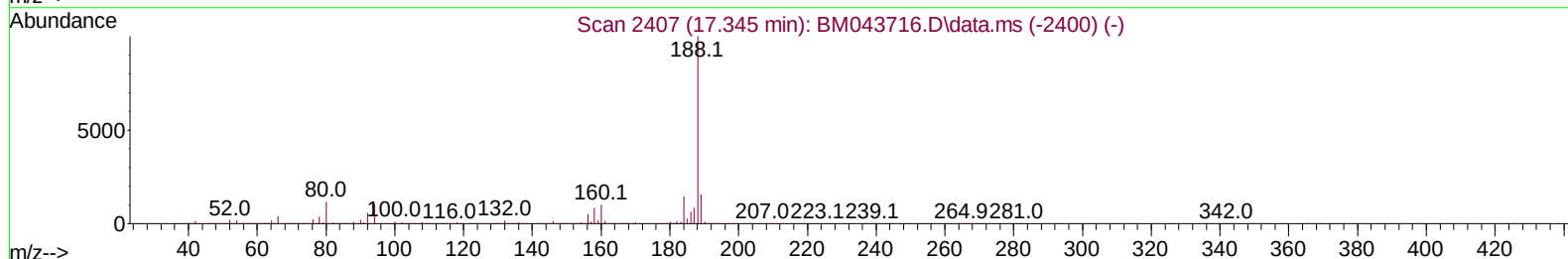
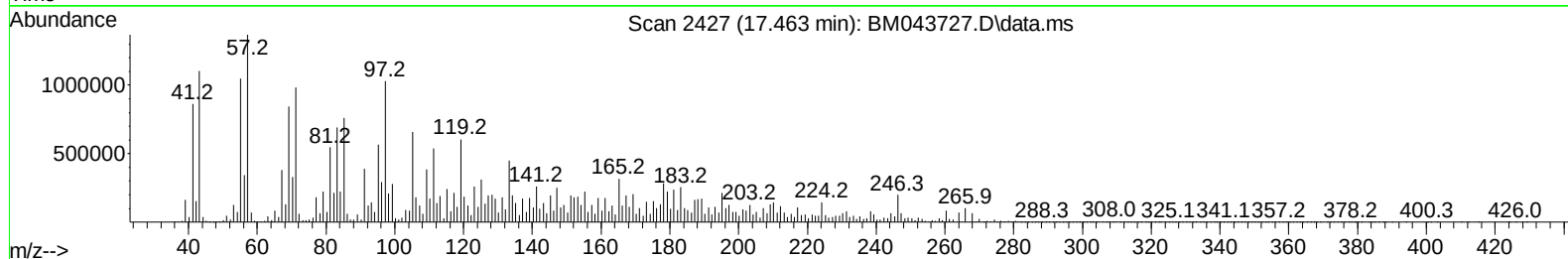
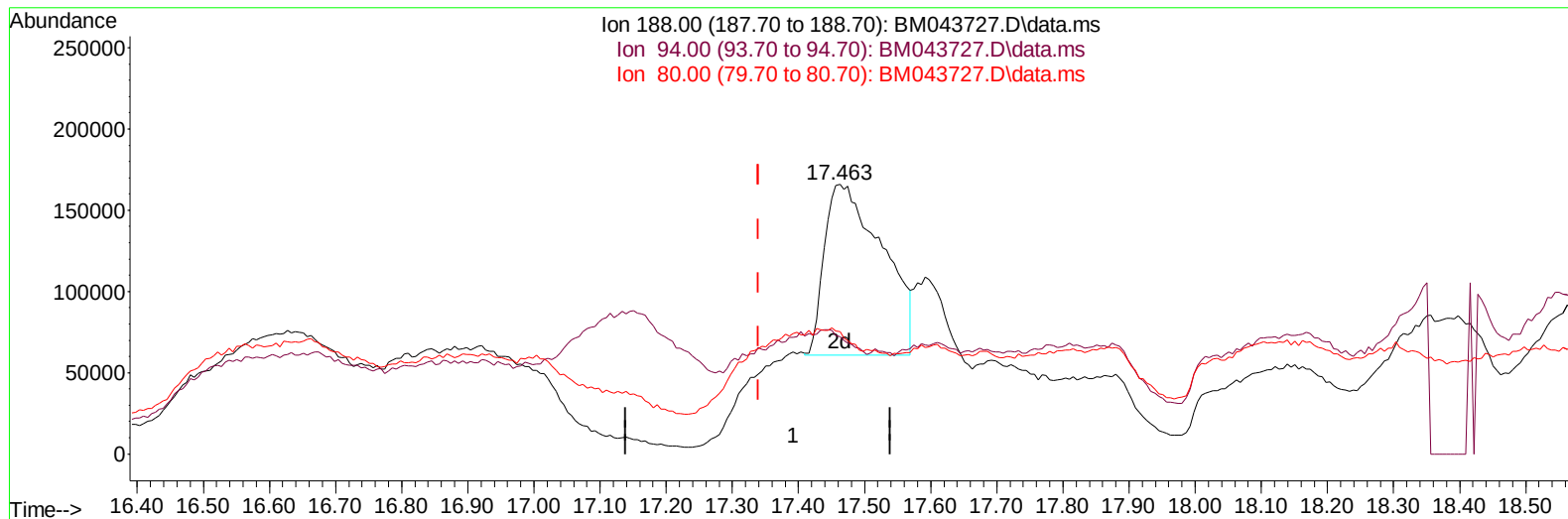
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(64) Phenanthrene-d10 (I)

17.463min (+ 0.123) 20.00 ng/ul m

response 641021

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	43.59#
80.00	13.20	45.39#
0.00	0.00	0.00

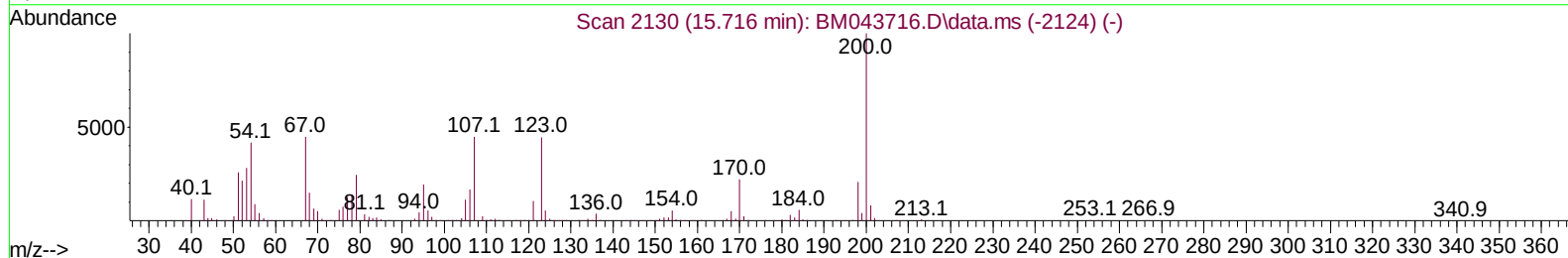
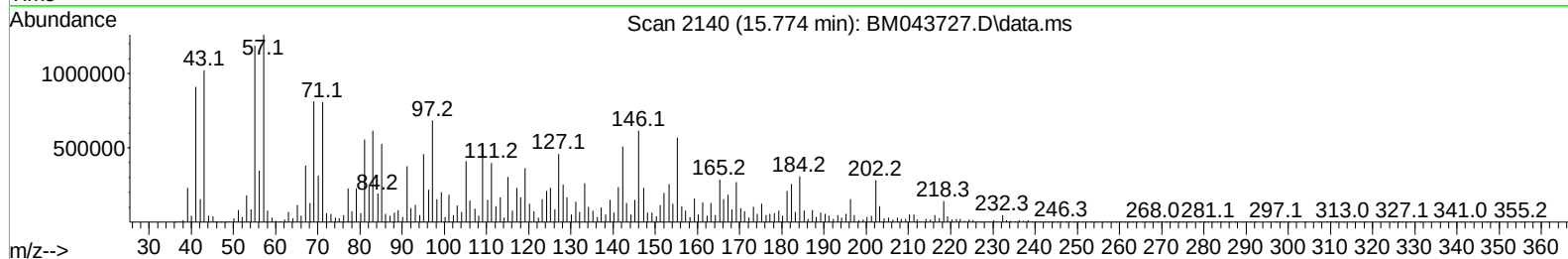
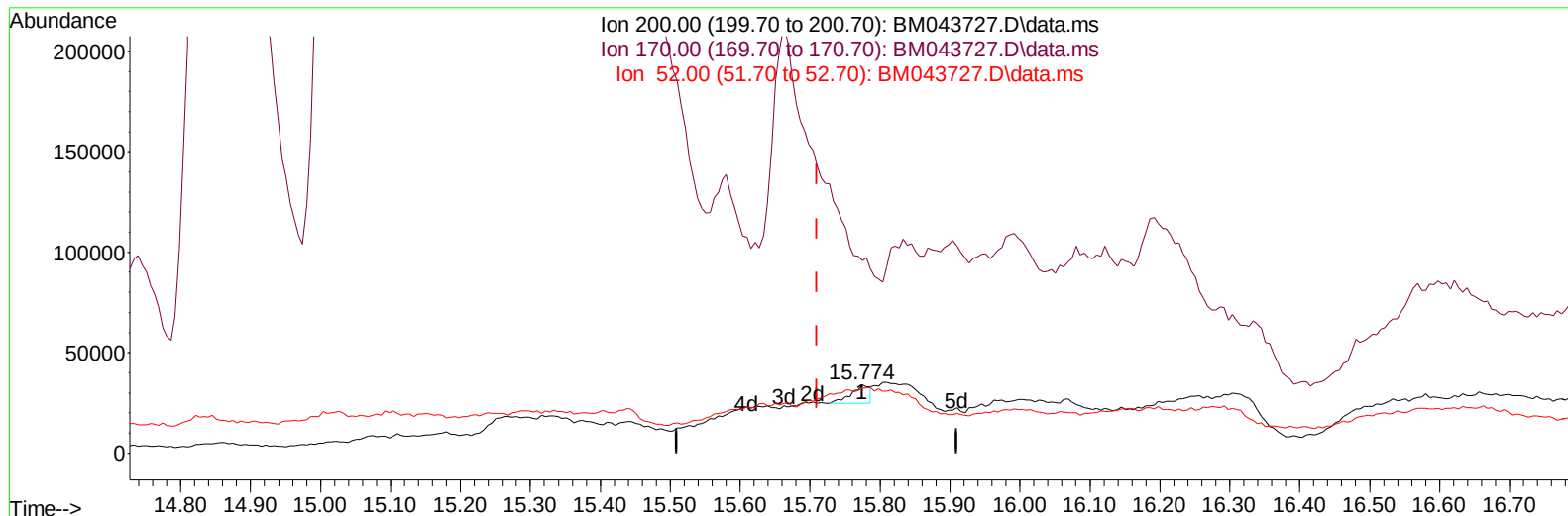
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

15.774min (+ 0.065) 4.22 ng/u1

response 17910

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	281.42#
52.00	58.30	95.44#
0.00	0.00	0.00

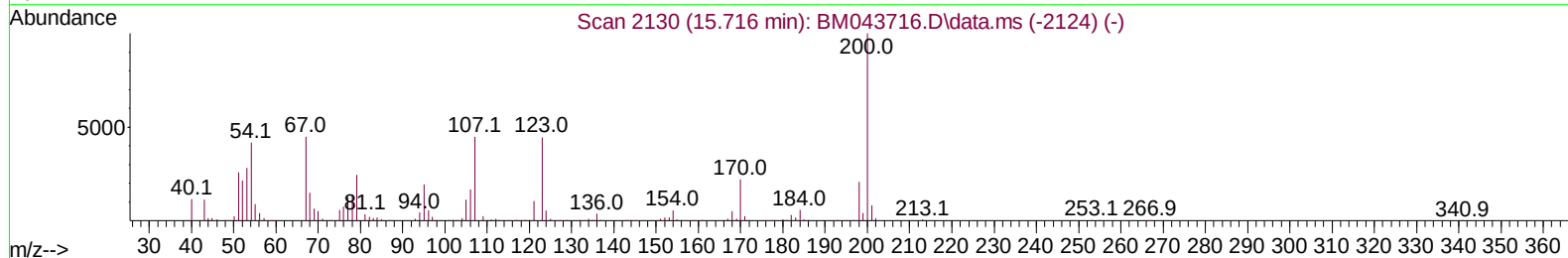
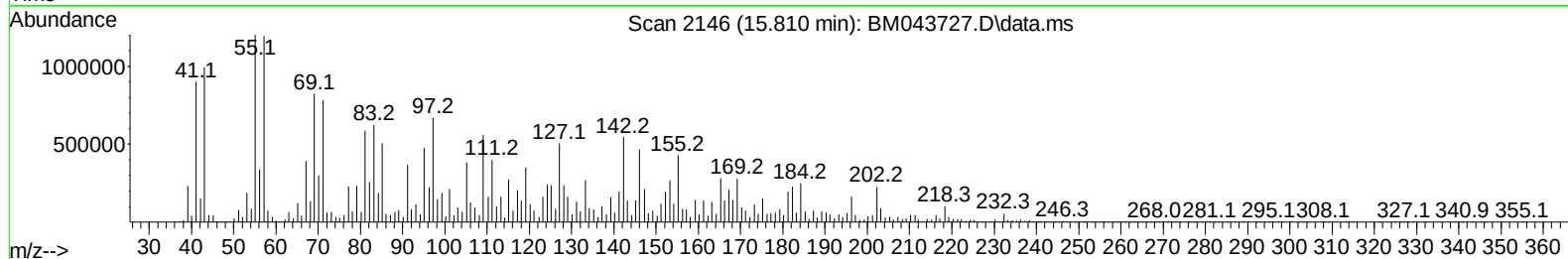
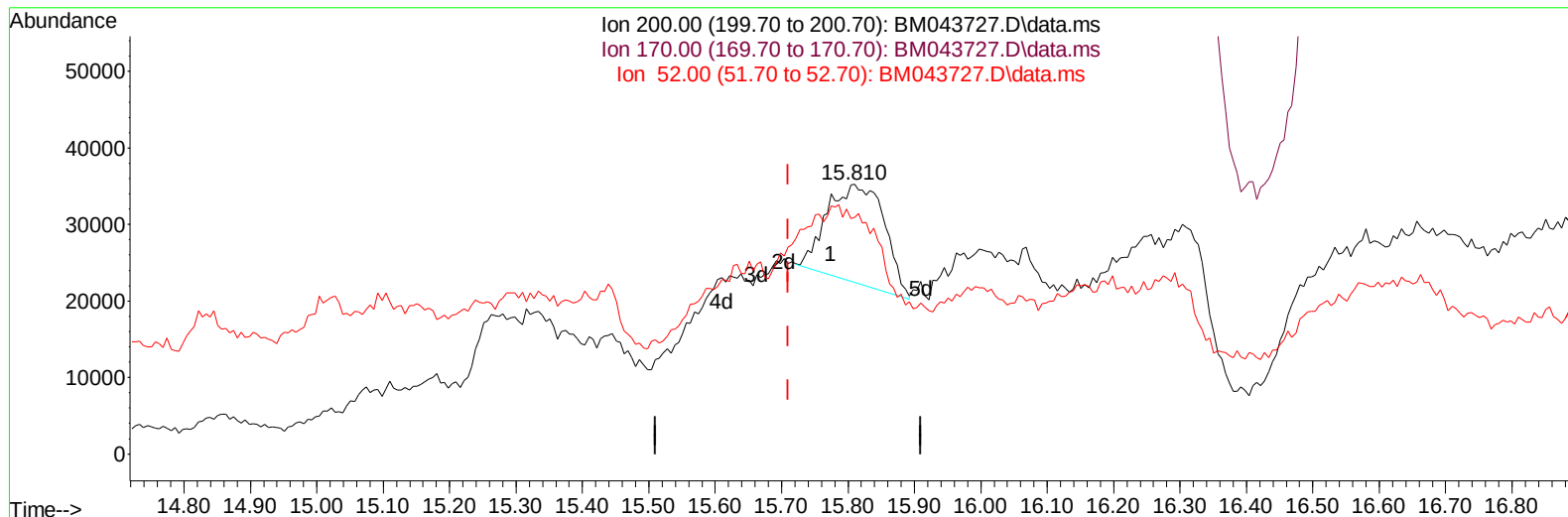
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

15.810min (+ 0.100) 17.94 ng/ul m

response 76048

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	263.07#
52.00	58.30	87.87#
0.00	0.00	0.00

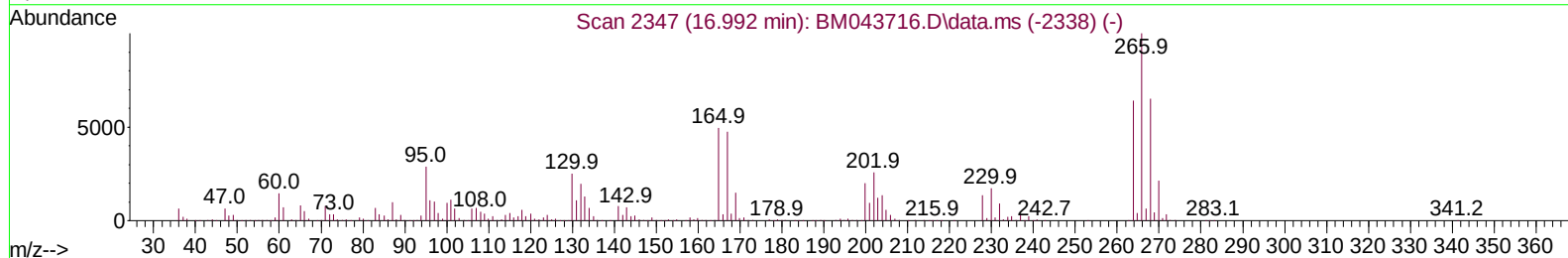
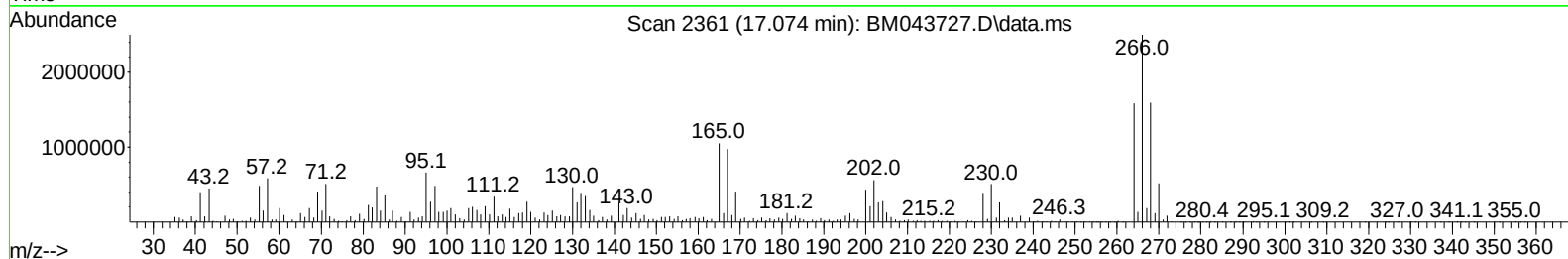
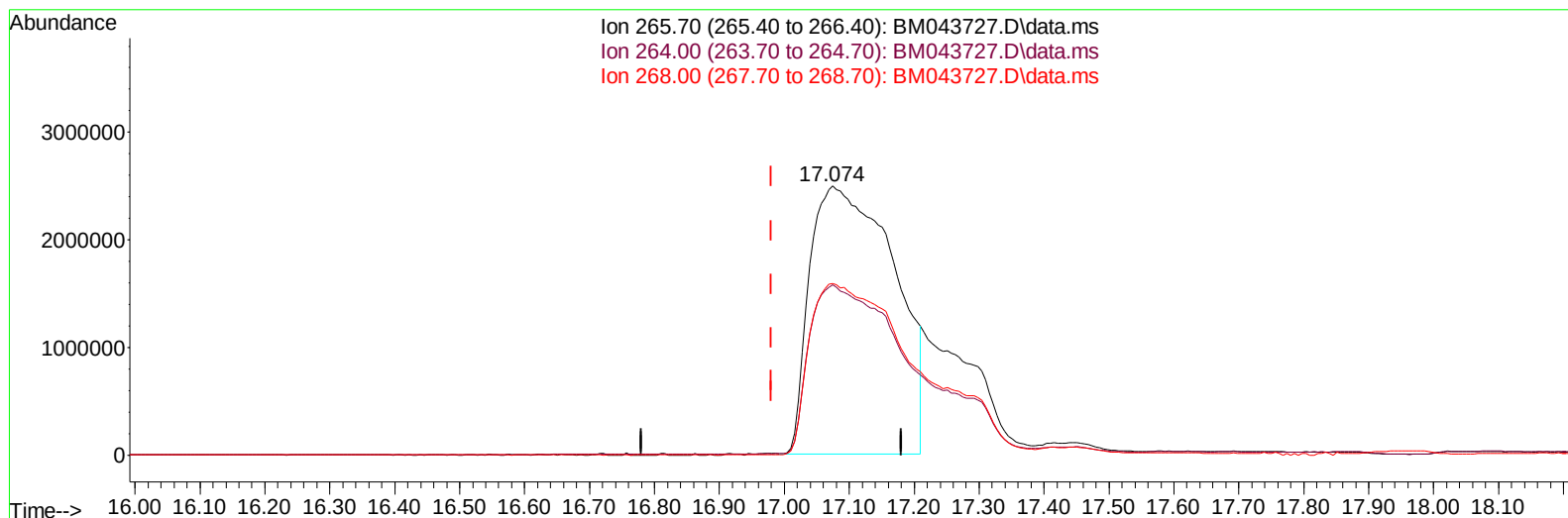
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(71) Pentachlorophenol (C)

17.074min (+ 0.094) 4274.39 ng/uI

response 22482979

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	63.41
268.00	63.80	63.78
0.00	0.00	0.00

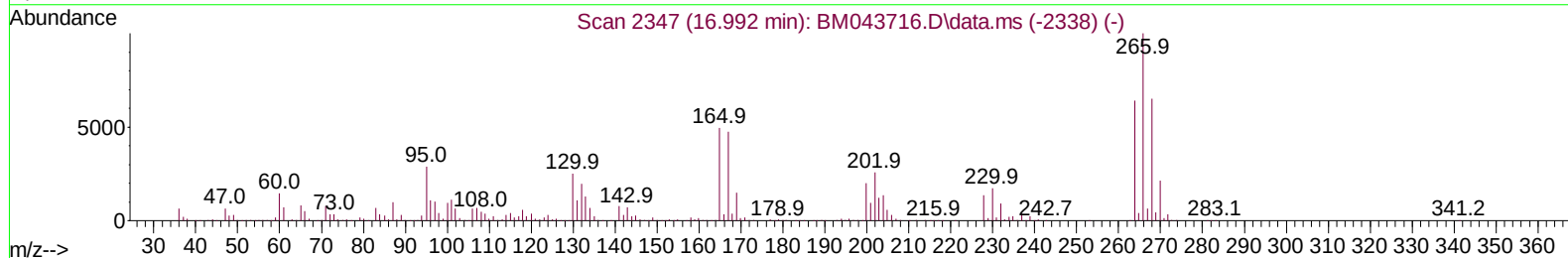
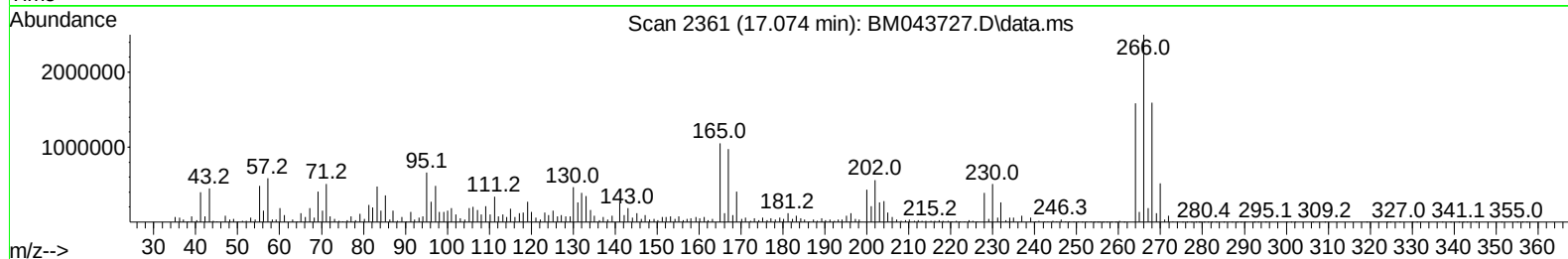
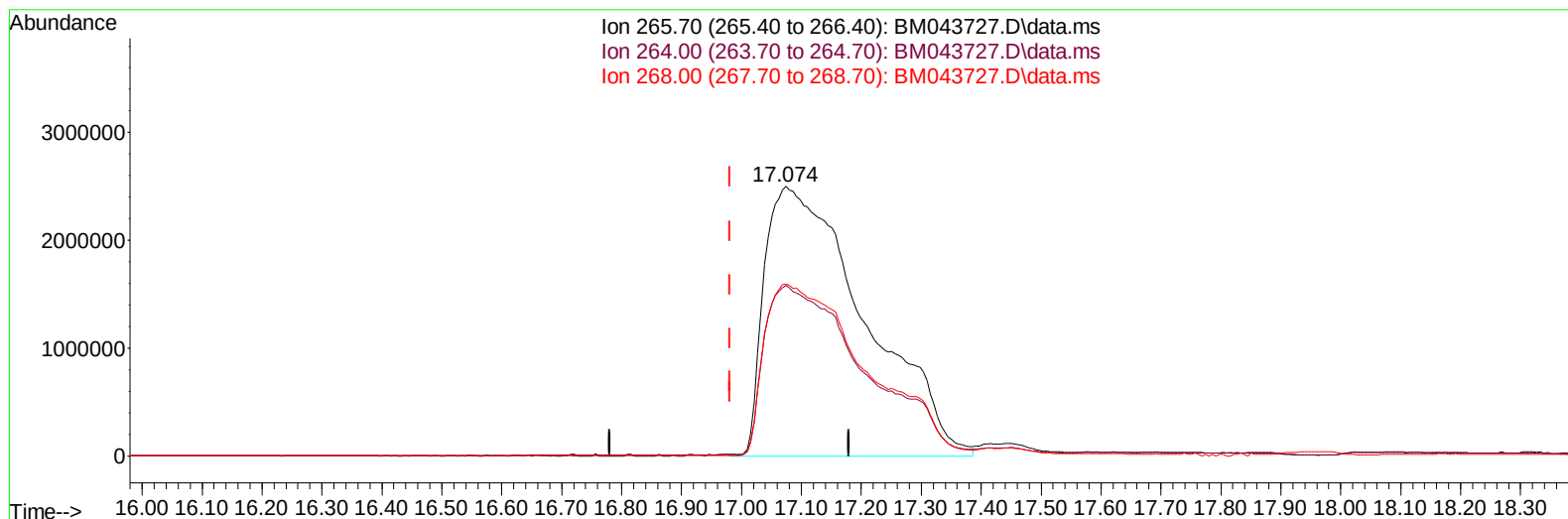
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(71) Pentachlorophenol (C)

17.074min (+ 0.094) 5545.54 ng/ul m

response 29169123

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	63.41
268.00	63.80	63.78
0.00	0.00	0.00

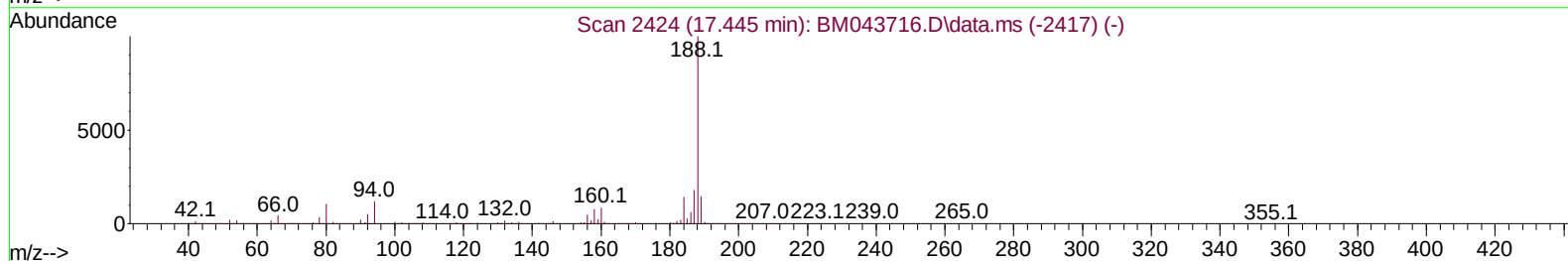
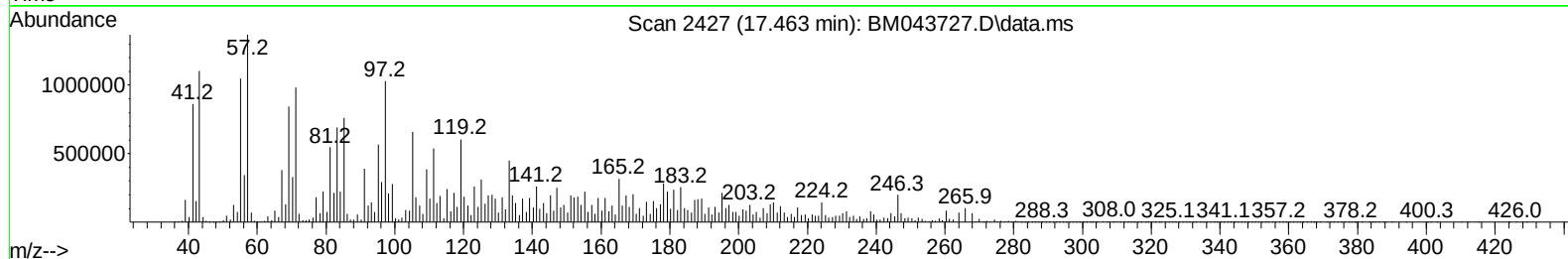
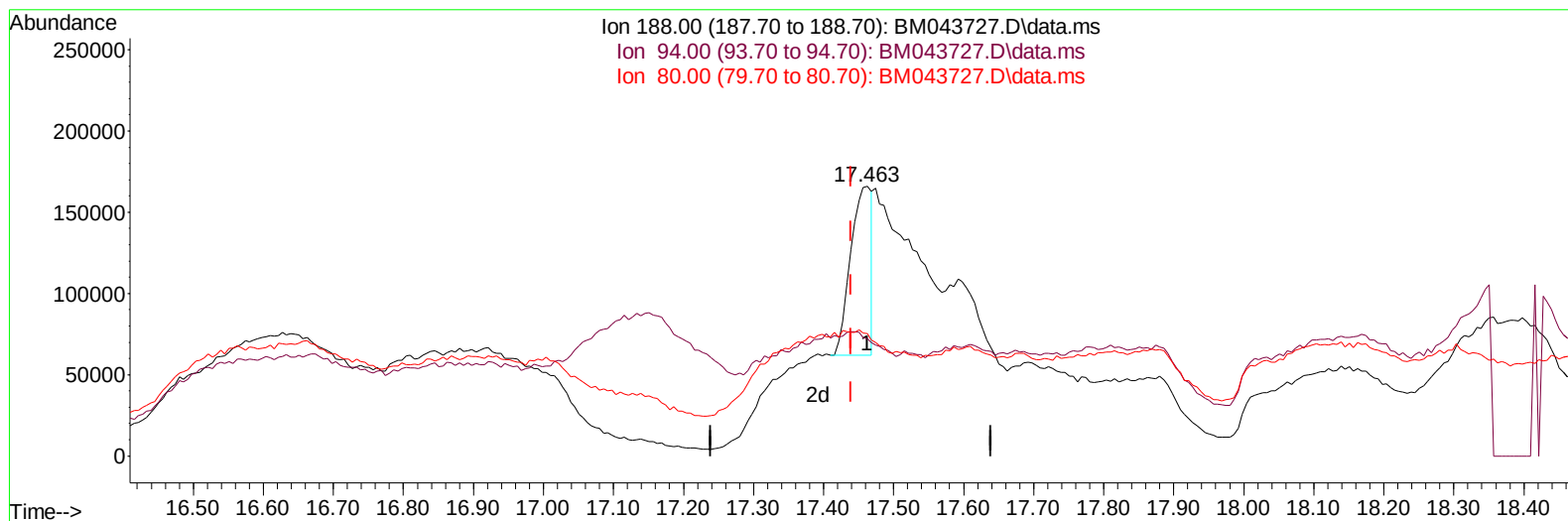
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(73) Anthracene-d10 (S)

17.463min (+ 0.023) 6.14 ng/u1

response 220887

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	43.59#
80.00	11.90	45.39#
0.00	0.00	0.00

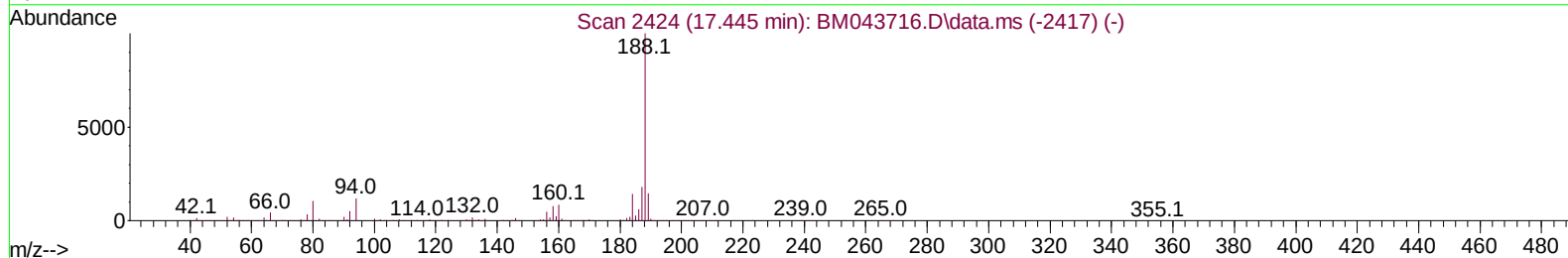
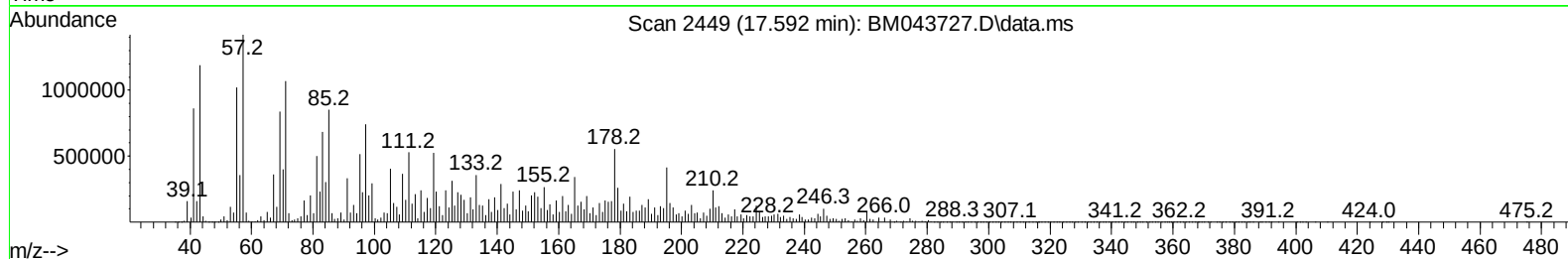
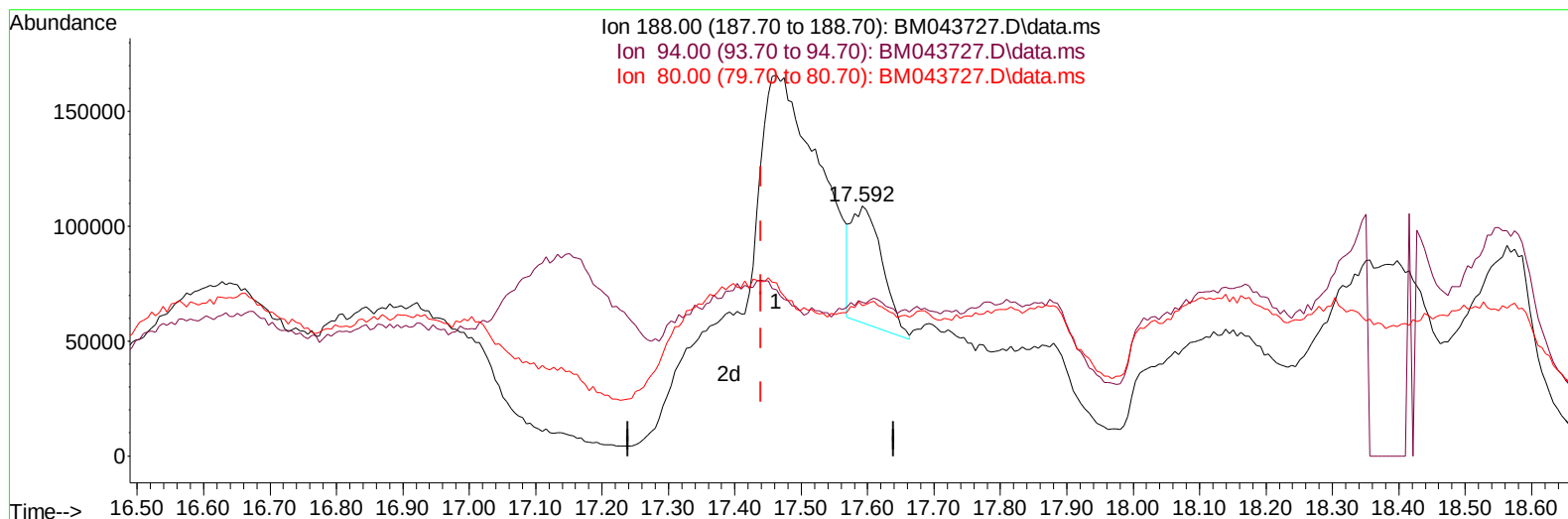
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(73) Anthracene-d10 (S)

17.592min (+ 0.153) 4.52 ng/ul m

response 162444

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	61.50#
80.00	11.90	60.24#
0.00	0.00	0.00

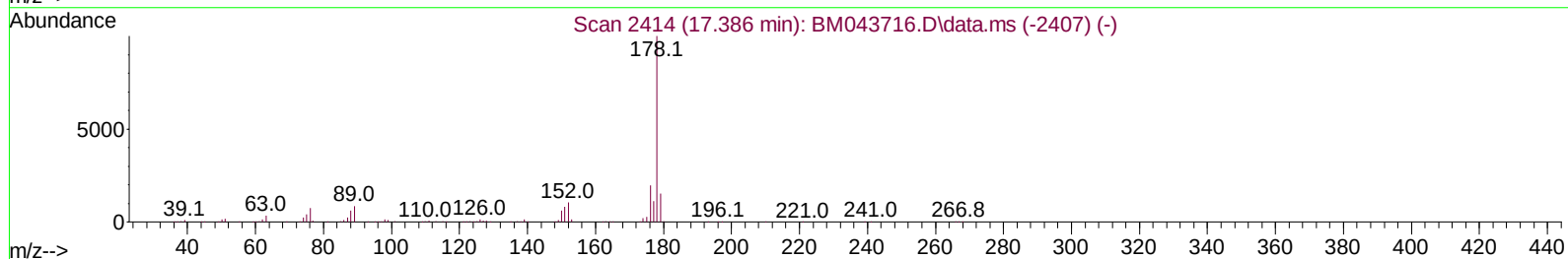
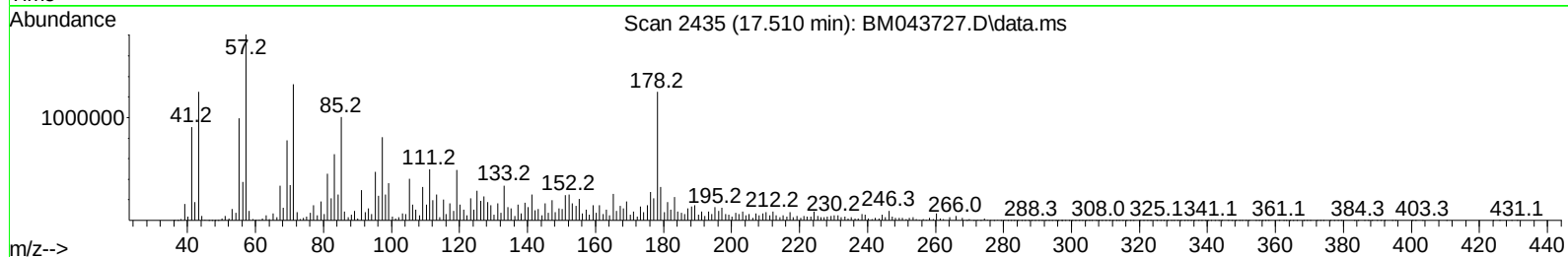
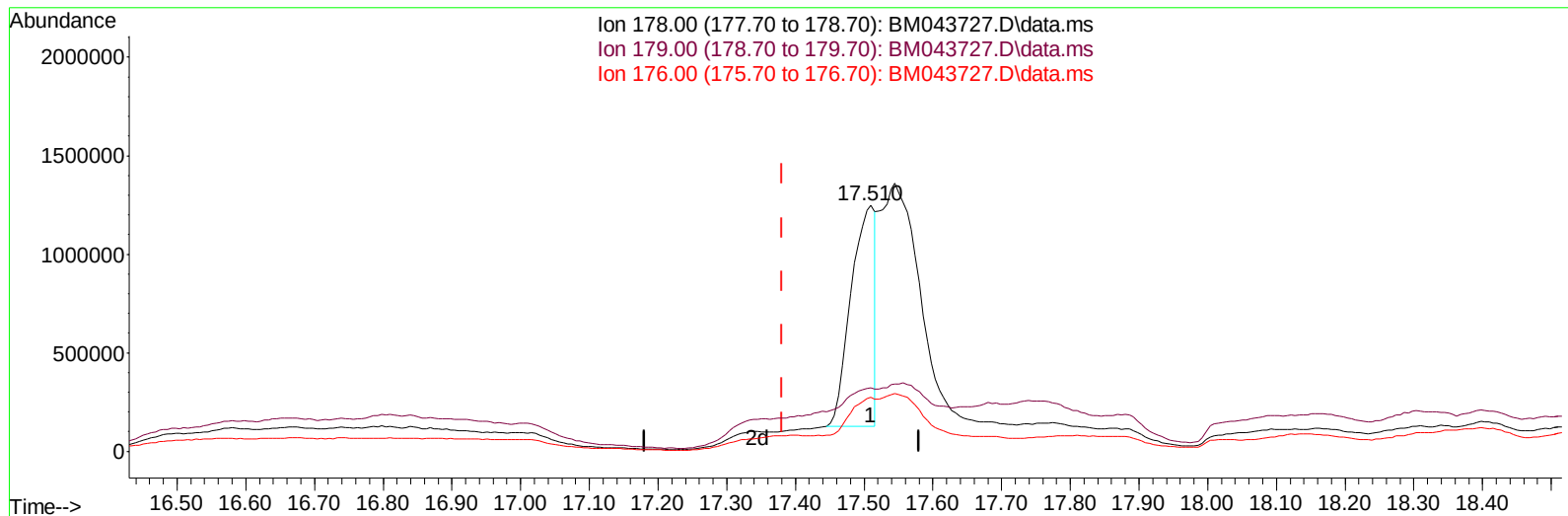
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 23:56:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(72) Phenanthrene

17.510min (+ 0.129) 63.46 ng/ul

response 2756951

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	25.89#
176.00	19.40	21.89
0.00	0.00	0.00

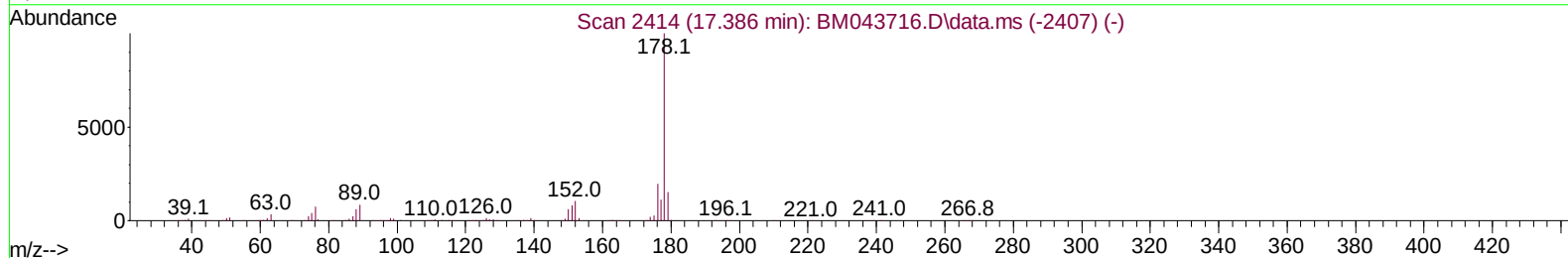
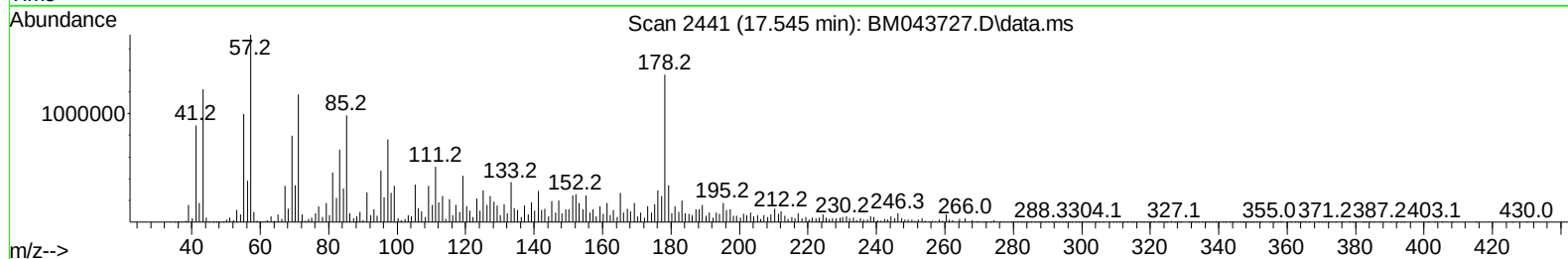
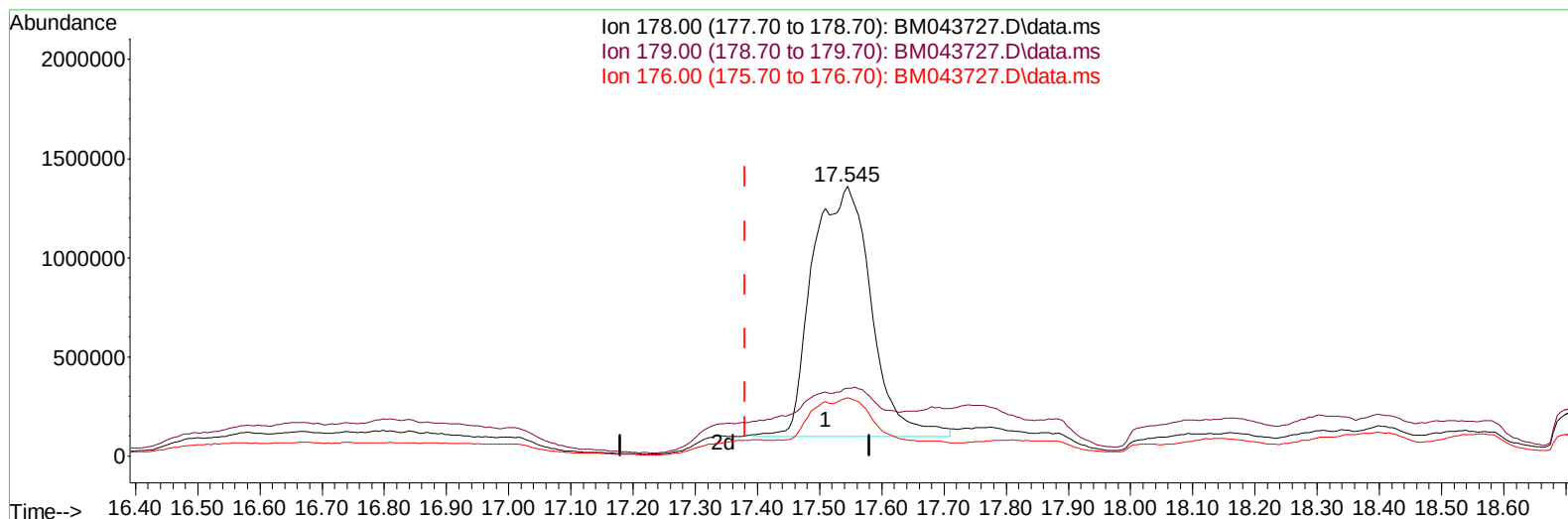
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 23:56:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(72) Phenanthrene

17.545min (+ 0.165) 191.44 ng/ul m

response 8317323

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	25.05#
176.00	19.40	21.61
0.00	0.00	0.00

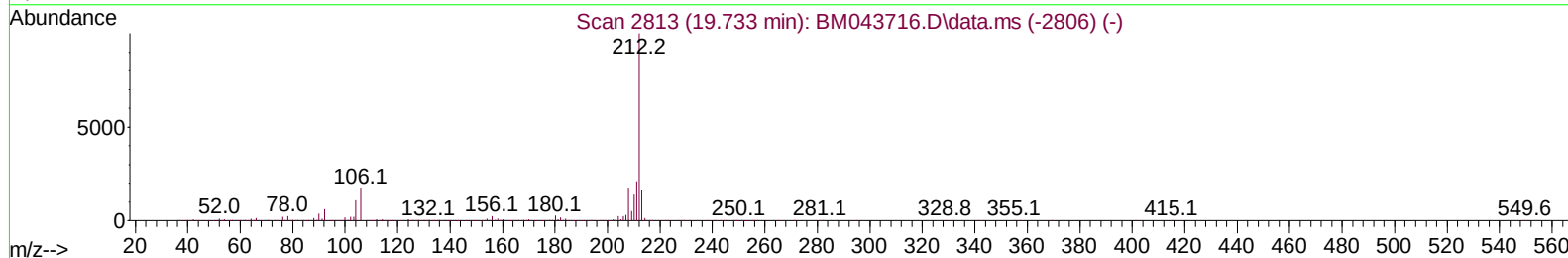
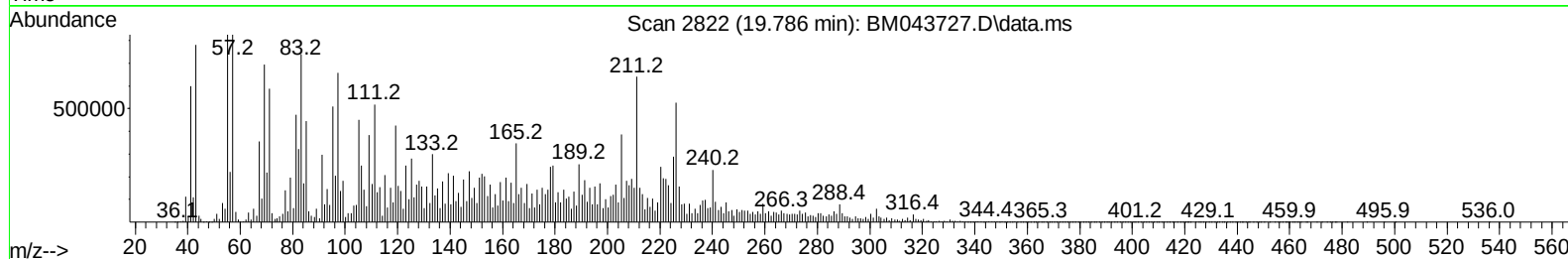
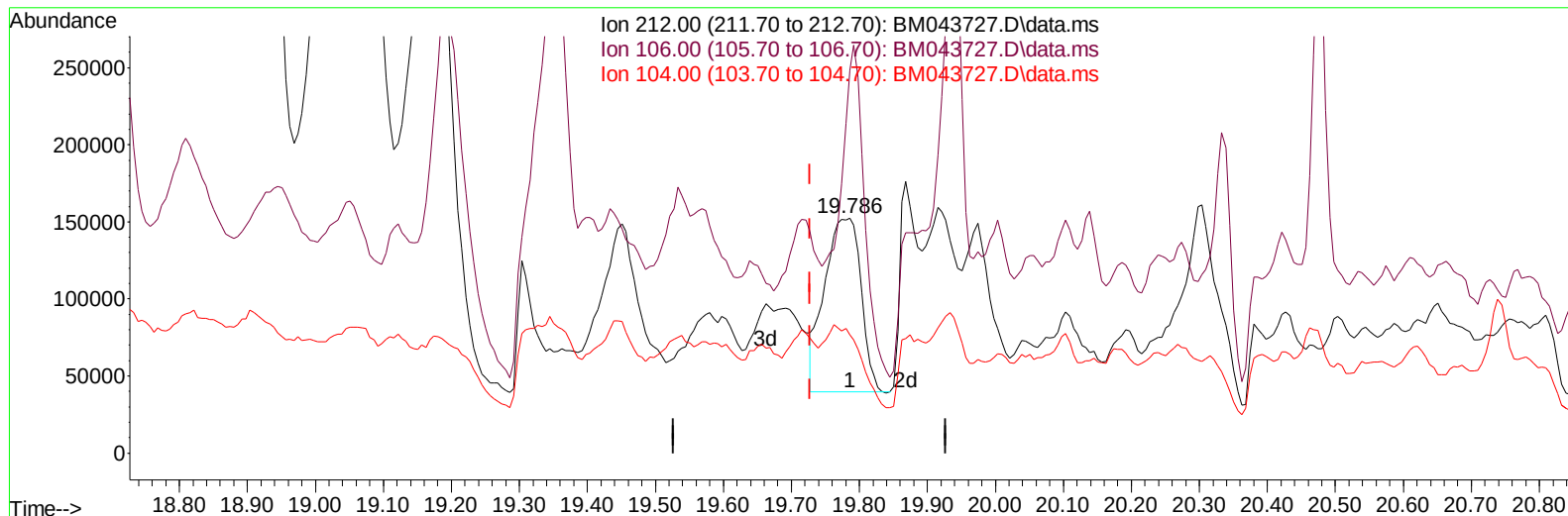
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(81) Pyrene-d10 (S)

19.786min (+ 0.059) 3.52 ng/u1

response 419564

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	162.67#
104.00	12.10	50.35#
0.00	0.00	0.00

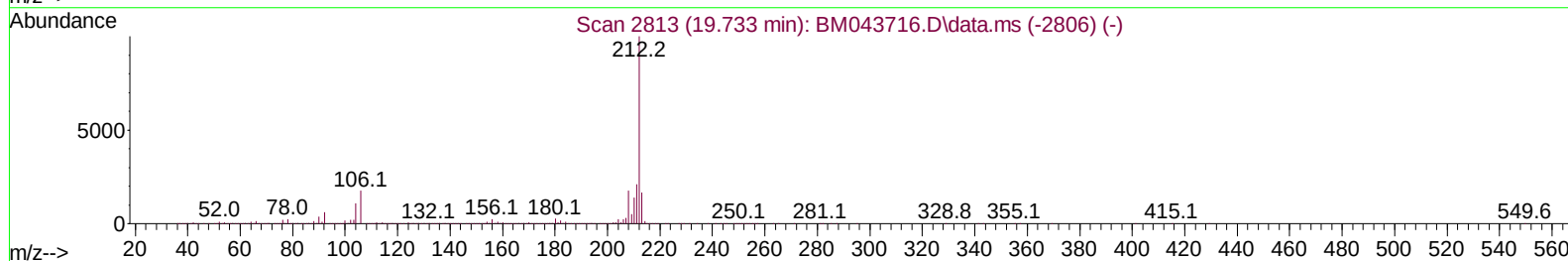
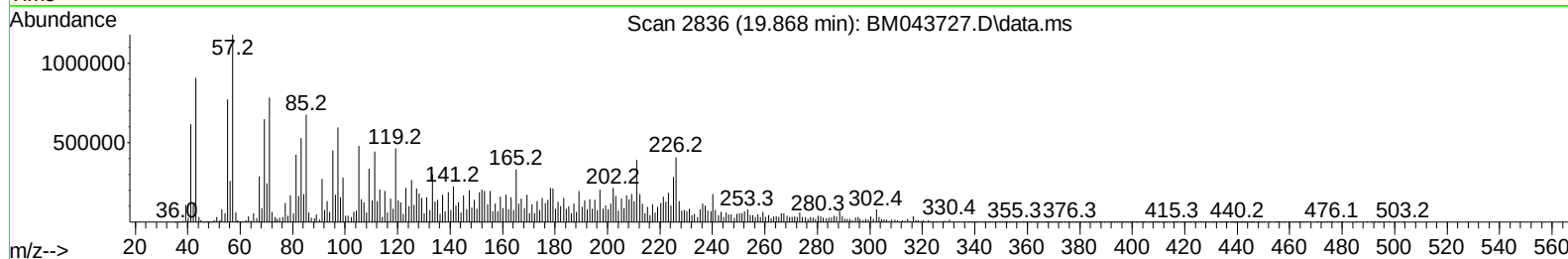
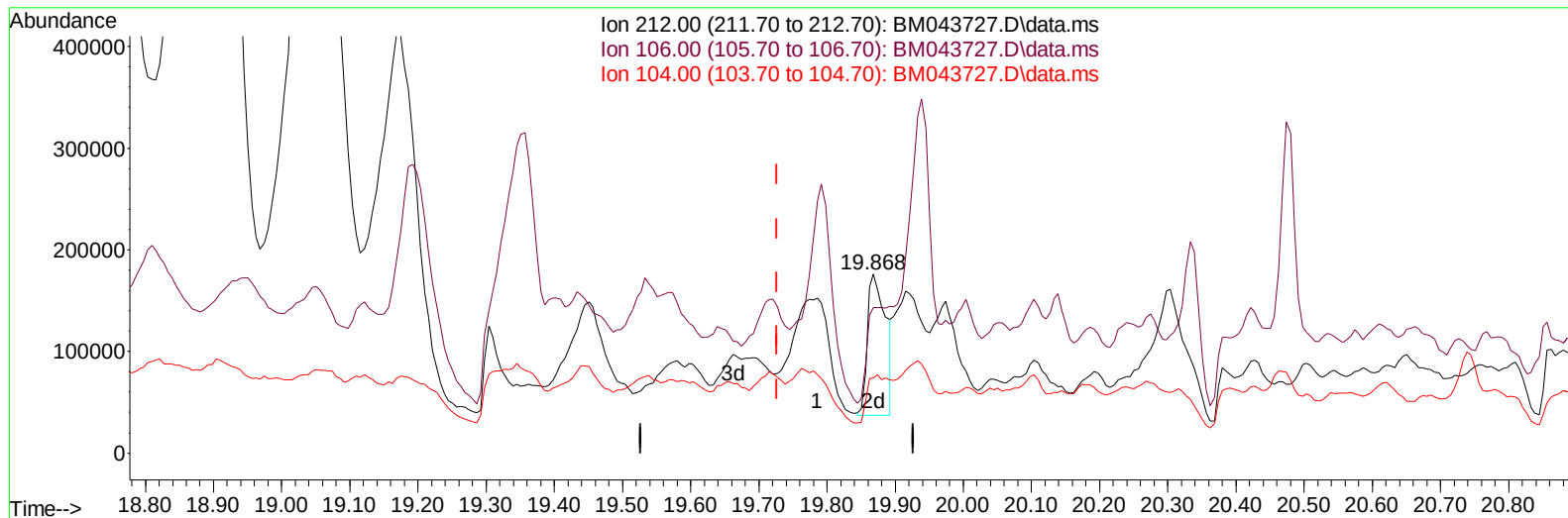
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(81) Pyrene-d10 (S)

19.868min (+ 0.141) 2.17 ng/ul m

response 259242

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	81.21#
104.00	12.10	42.13#
0.00	0.00	0.00

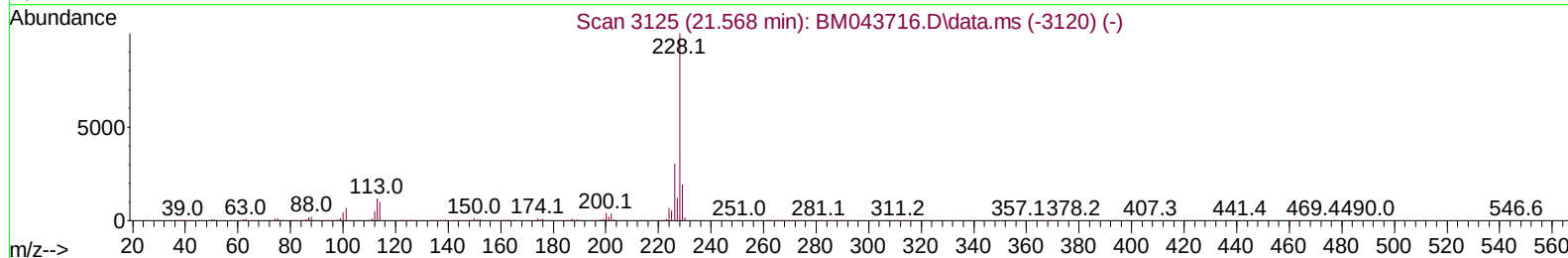
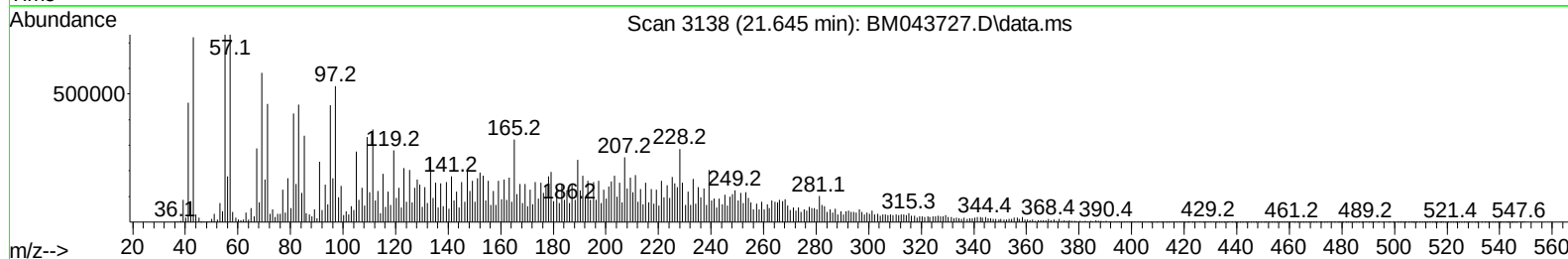
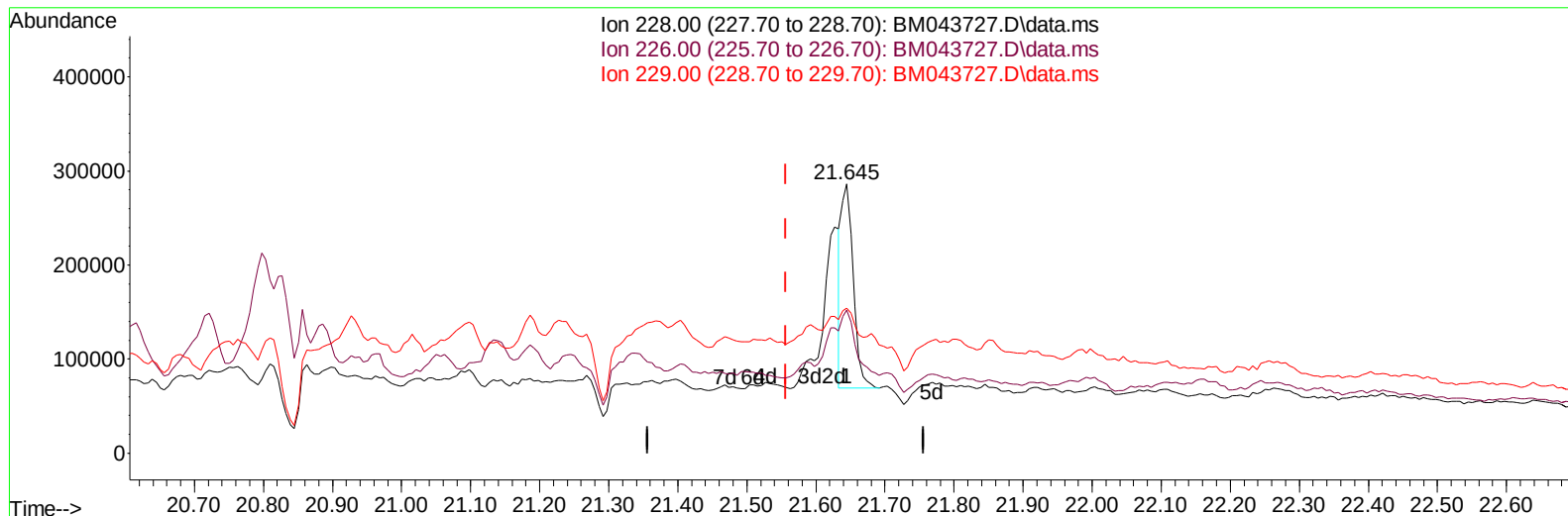
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(87) Chrysene

21.645min (+ 0.088) 2.24 ng/u1

response 254912

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	53.11#
229.00	19.90	53.94#
0.00	0.00	0.00

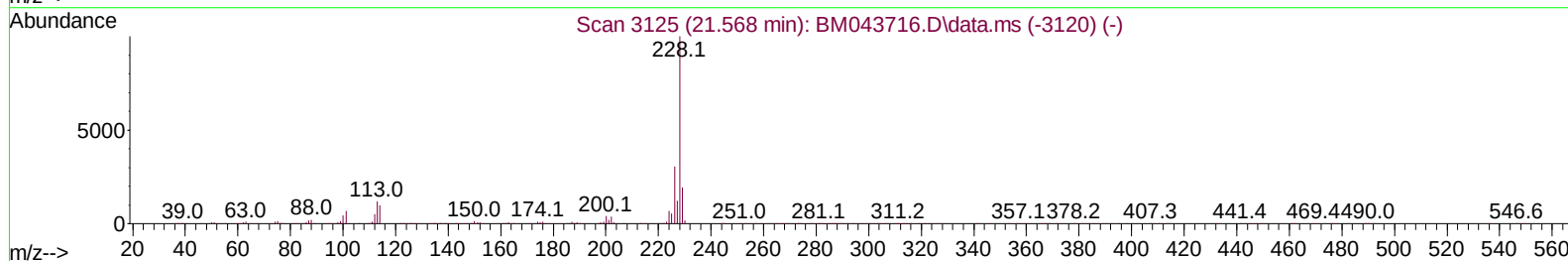
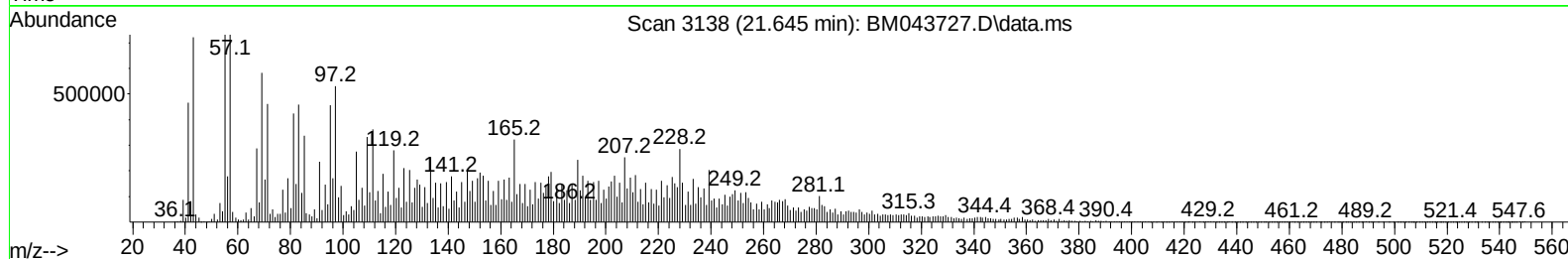
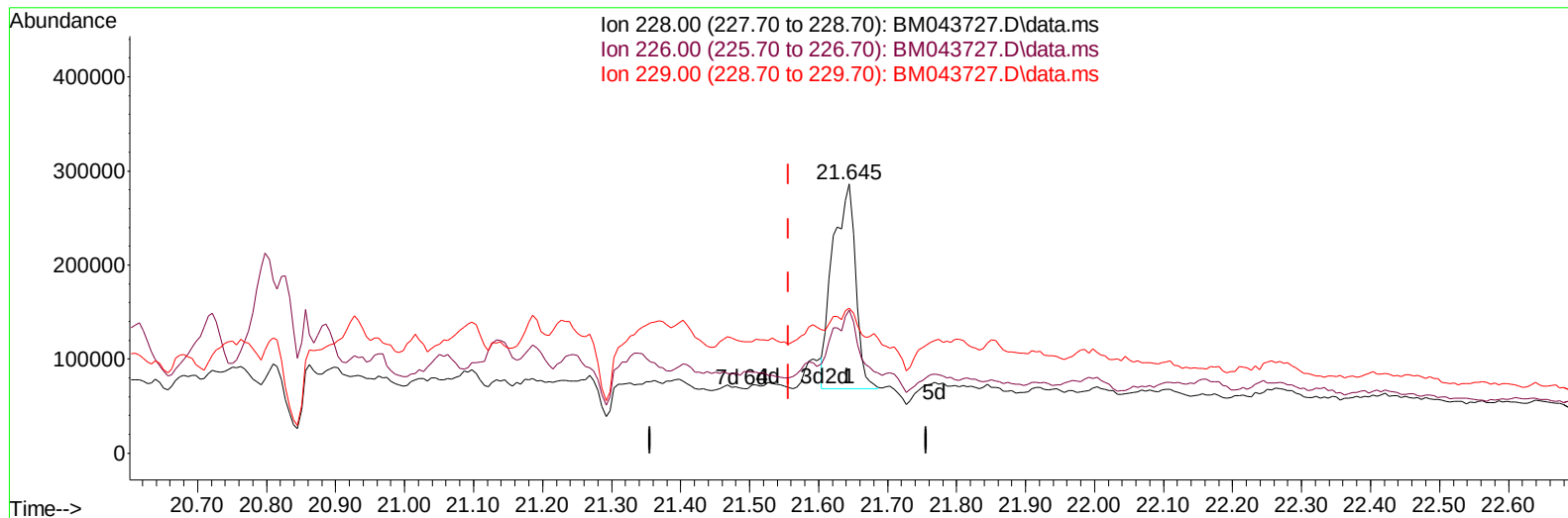
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

(87) Chrysene

21.645min (+ 0.088) 4.36 ng/ul m

response 495656

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	53.11#
229.00	19.90	53.94#
0.00	0.00	0.00

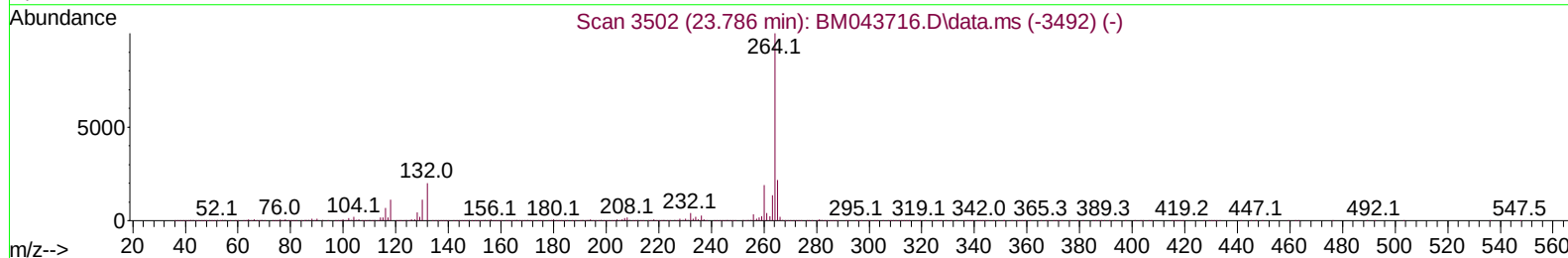
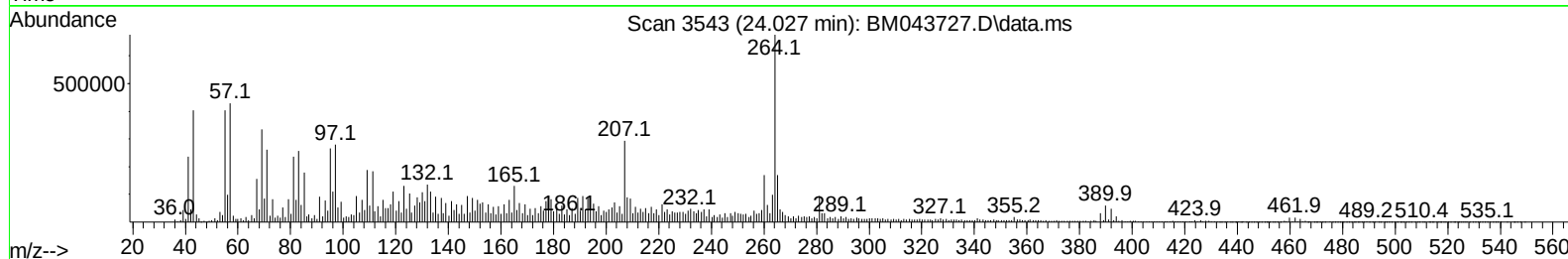
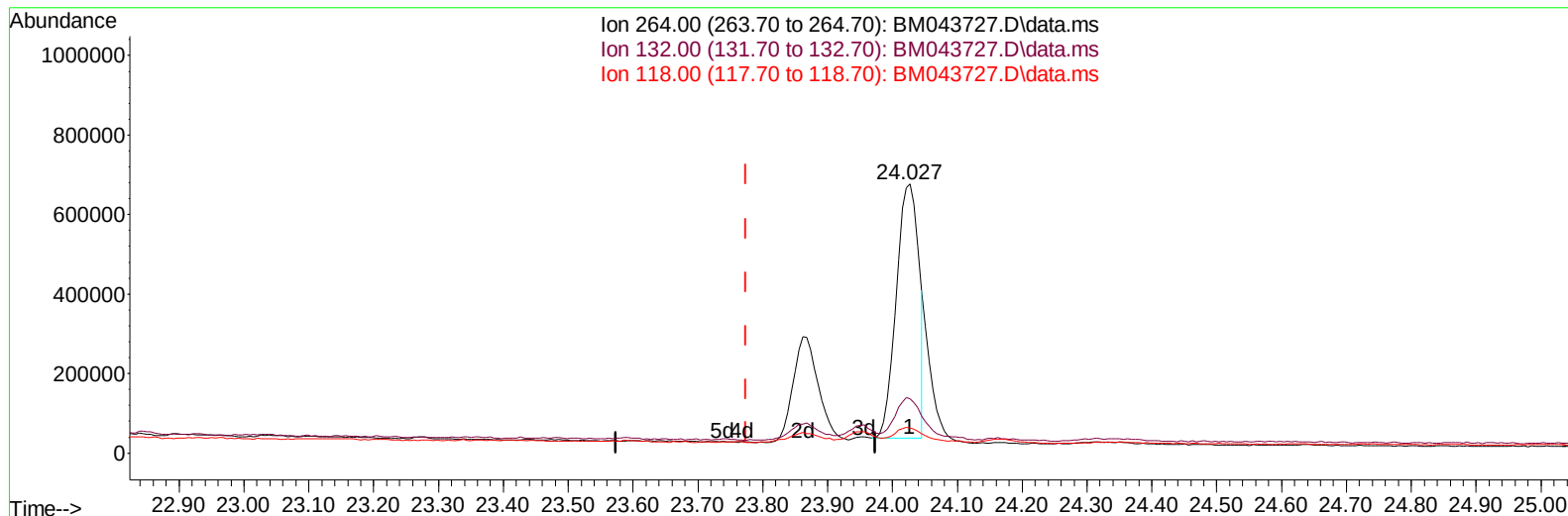
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

24.027min (+ 0.253) 13.16 ng/u1

response 1547672

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	20.13
118.00	11.60	9.45
0.00	0.00	0.00

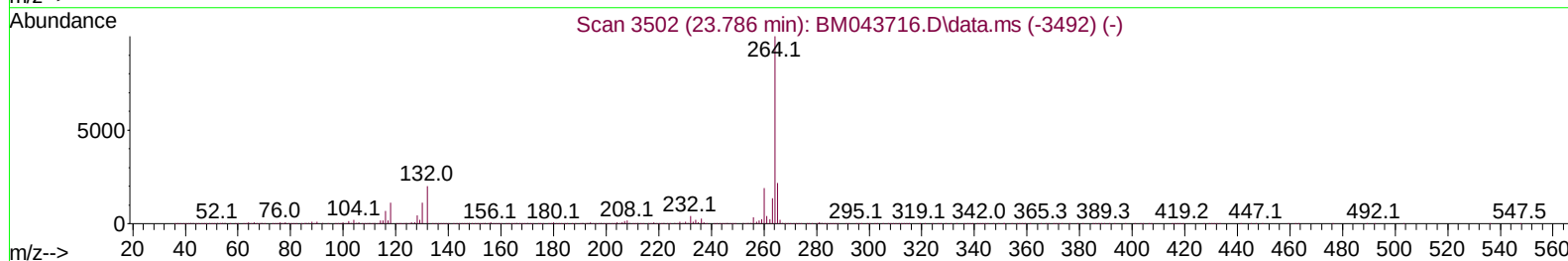
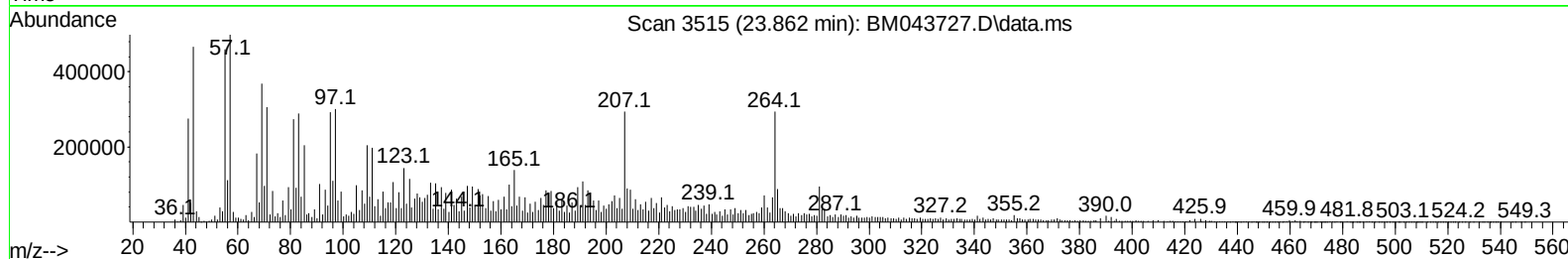
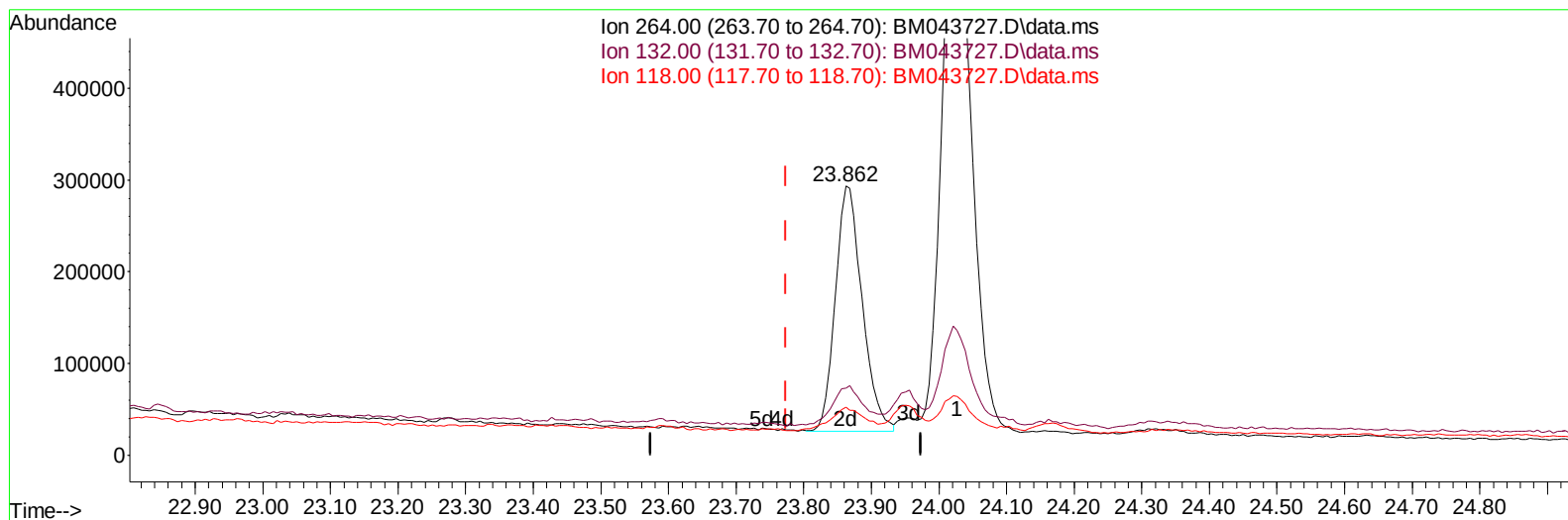
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043727.D
Acq On : 03 Jan 2024 11:31
Operator : MA/JU
Sample : 05919-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:55:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043727.D\data.ms

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

23.862min (+ 0.088) 6.29 ng/ul m

response 740069

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	24.96#
118.00	11.60	17.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043727.D
 Acq On : 03 Jan 2024 11:31
 Operator : MA/JU
 Sample : 05919-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46RE

Manual IntegrationsAPPROVED

Quant Time: Jan 04 10:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	361156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1439338	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	878954	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.463	188	641021m	20.000	ng/ul	0.12
79) Chrysene-d12	21.609	240	1510851	20.000	ng/ul	0.09
88) Perylene-d12	24.027	264	1905169	20.000	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	9937	0.894	ng/uL	0.00
4) Pyridine-d5	3.828	84	103460	3.235	ng/ul	0.04
7) Phenol-d5	7.151	99	225546	5.490	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.304	67	152782	5.872	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	188370	6.005	ng/ul	0.01
15) 4-Methylphenol-d8	8.693	113	175773	5.513	ng/ul	0.02
21) Nitrobenzene-d5	9.140	128	94353	6.775	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	105014	7.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	174726	6.879	ng/ul	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.033	166	514710	6.505	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	603597	6.431	ng/ul	0.02
54) 4-Nitrophenol-d4	14.833	143	16724	1.117	ng/ul	0.04
60) Fluorene-d10	15.621	176	641931m	9.811	ng/ul	0.04
65) 4,6-Dinitro-2-methylph...	15.810	200	76048m	17.938	ng/ul	0.10
73) Anthracene-d10	17.592	188	162444m	4.519	ng/ul	0.15
81) Pyrene-d10	19.868	212	259242m	2.173	ng/ul	0.14
92) Benzo(a)pyrene-d12	23.862	264	740069m	6.295	ng/ul	0.09
Target Compounds						
						Qvalue
36) 2-Methylnaphthalene	12.433	142	631618	10.115	ng/ul	96
37) 1-Methylnaphthalene	12.651	142	543056	8.622	ng/ul#	98
43) 1,1'-Biphenyl	13.445	154	157143	1.876	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	12941467m	835.677	ng/ul	
71) Pentachlorophenol	17.074	266	29169123m	5545.542	ng/ul	
72) Phenanthrene	17.545	178	8317323m	191.440	ng/ul	
82) Pyrene	19.898	202	1008805	6.643	ng/ul	98
83) Butylbenzylphthalate	20.739	149	494448	7.531	ng/ul#	83
86) Bis(2-ethylhexyl)phtha...	21.492	149	1861012	19.910	ng/ul#	81
87) Chrysene	21.645	228	495656m	4.361	ng/ul	

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

Manual IntegrationsAPPROVED

Quant Time: Jan 04 10:02:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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QLast Update : Fri Dec 29 22:31:57 2023
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