

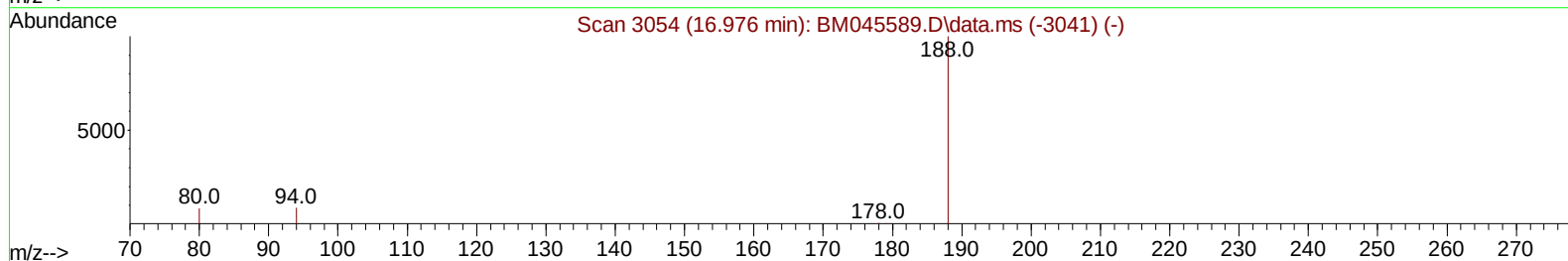
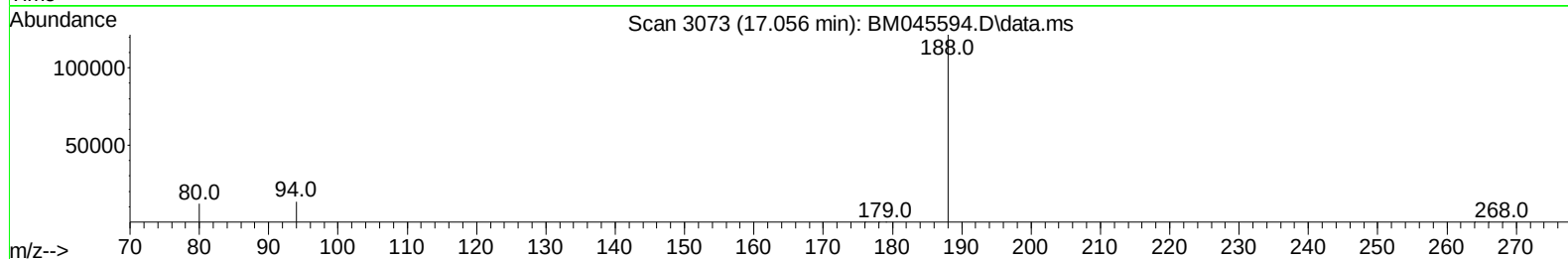
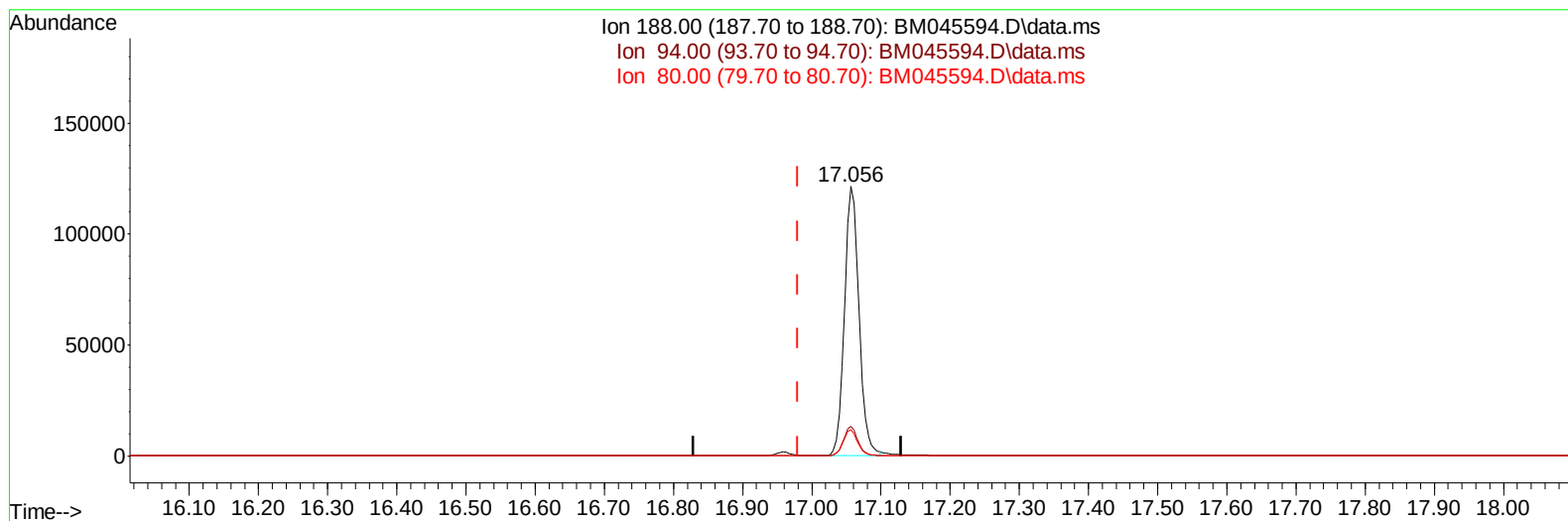
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(13) Phenanthrene-d10 (I)

17.056min (+ 0.077) 0.40 ng/u1

response 176964

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.91#
80.00	14.80	9.75#
0.00	0.00	0.00

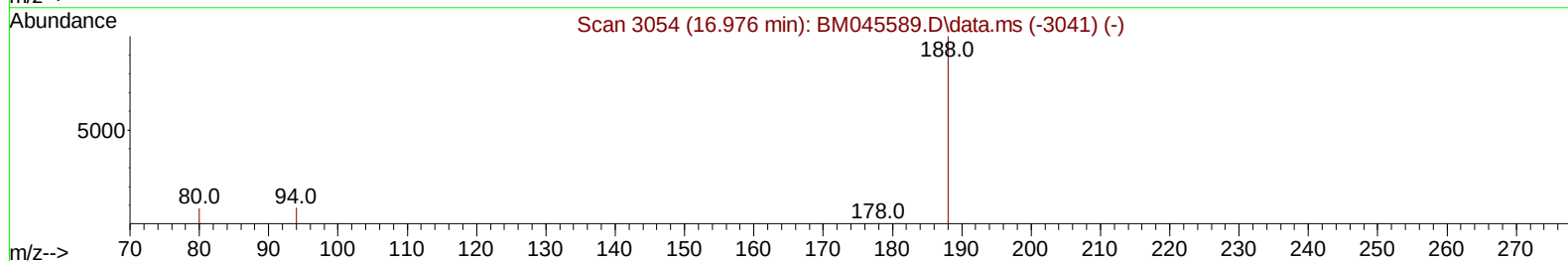
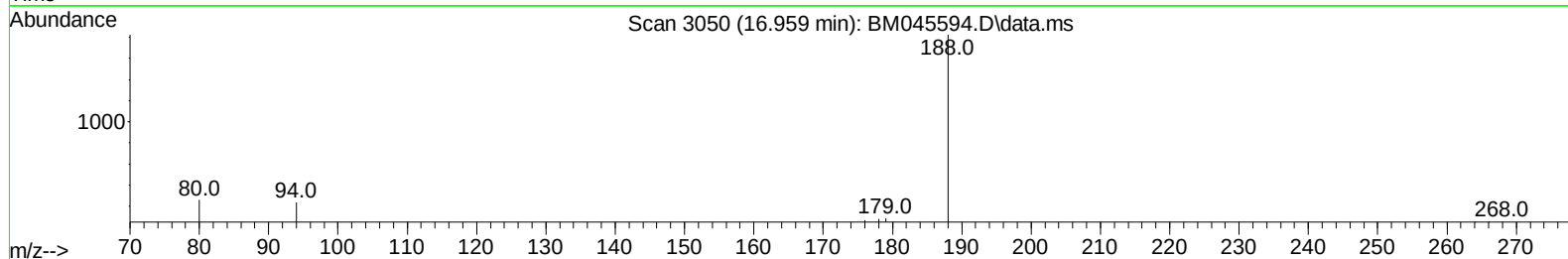
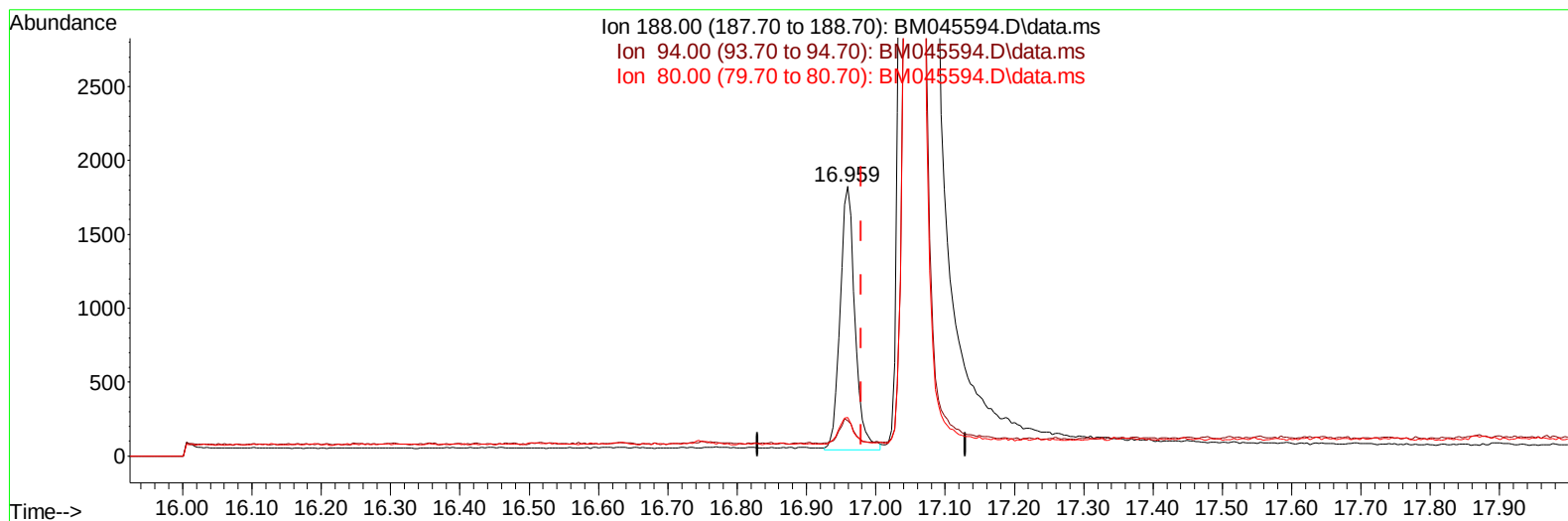
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(13) Phenanthrene-d10 (I)

16.959min (-0.020) 0.40 ng/ul m

response 2631

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	13.05
80.00	14.80	14.25
0.00	0.00	0.00

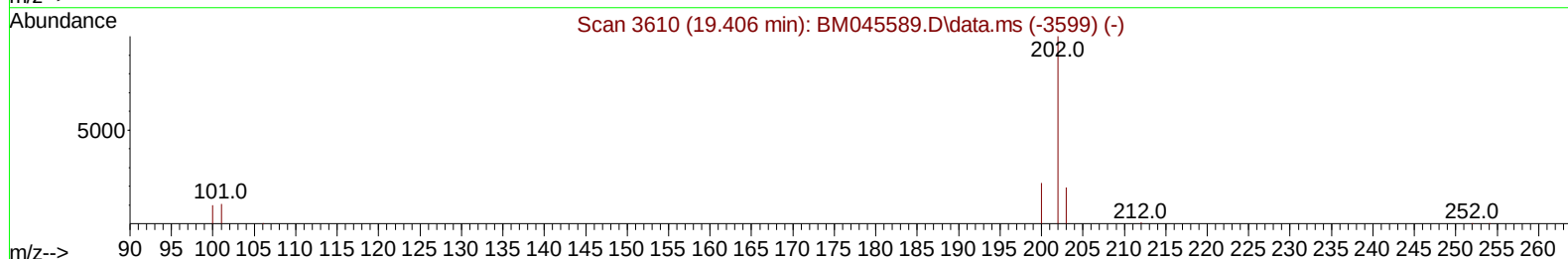
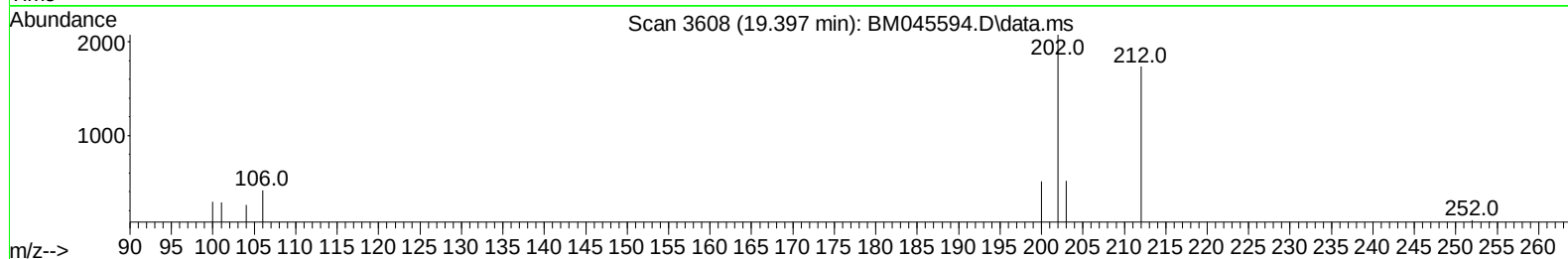
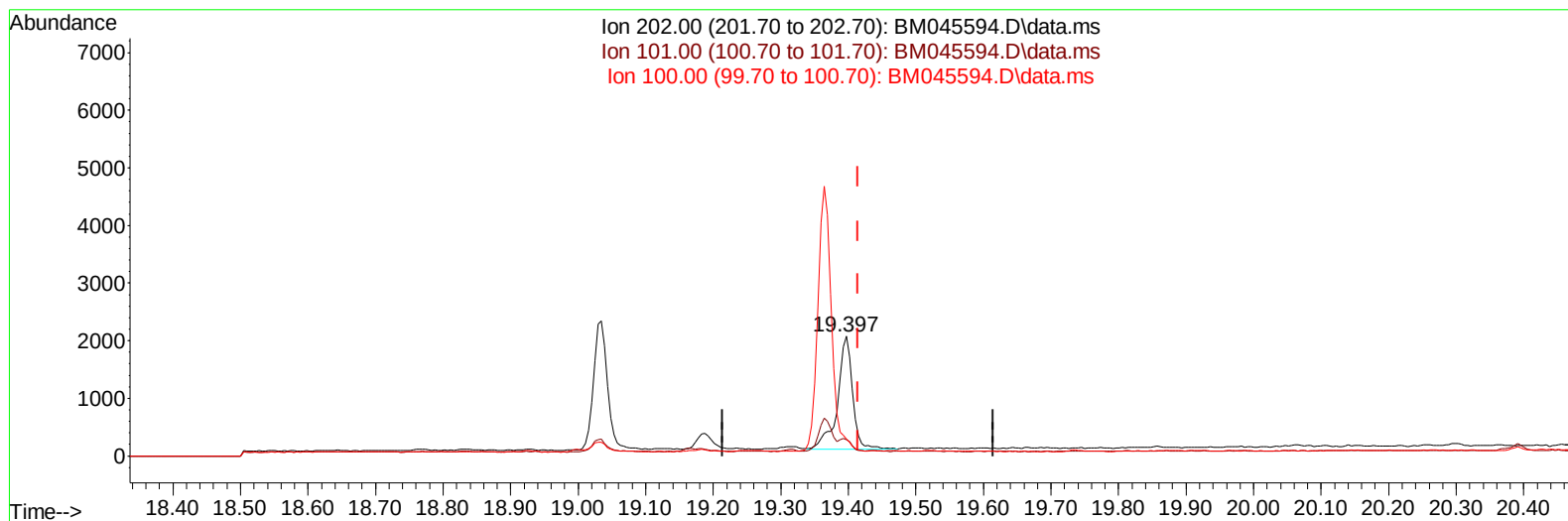
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(20) Pyrene

19.397min (-0.018) 0.29 ng/u1

response 3056

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.84
100.00	13.20	14.08
0.00	0.00	0.00

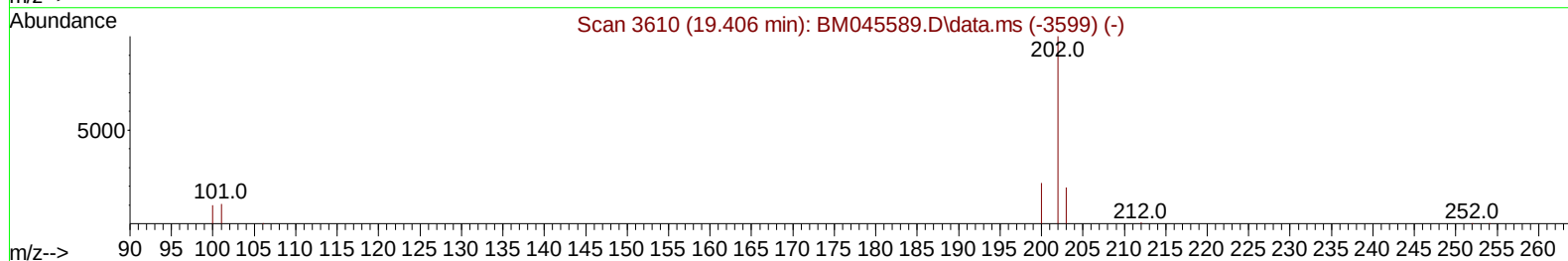
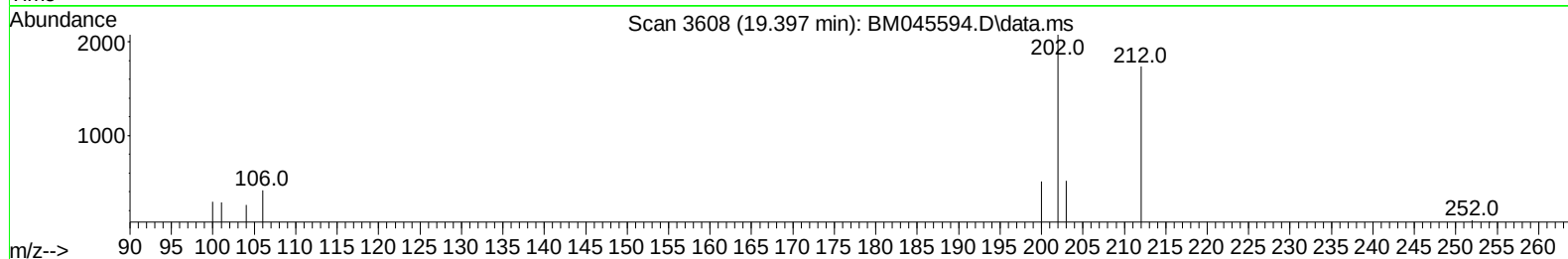
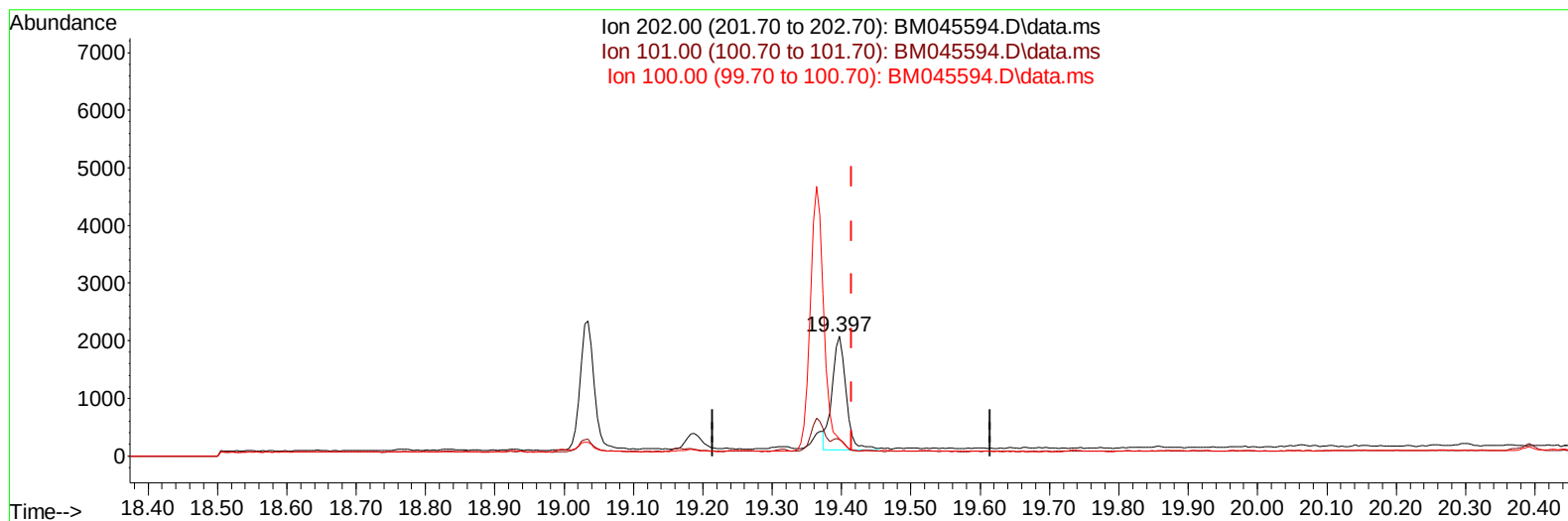
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(20) Pyrene

19.397min (-0.018) 0.26 ng/ul m

response 2756

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.84
100.00	13.20	14.08
0.00	0.00	0.00

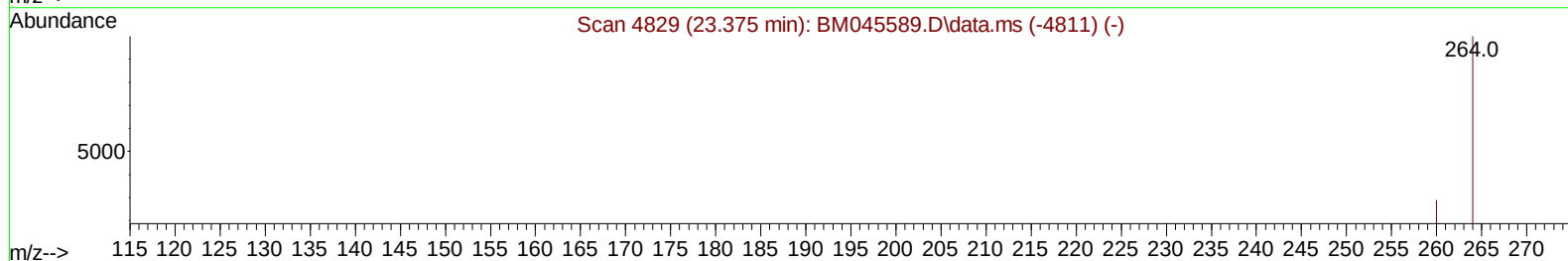
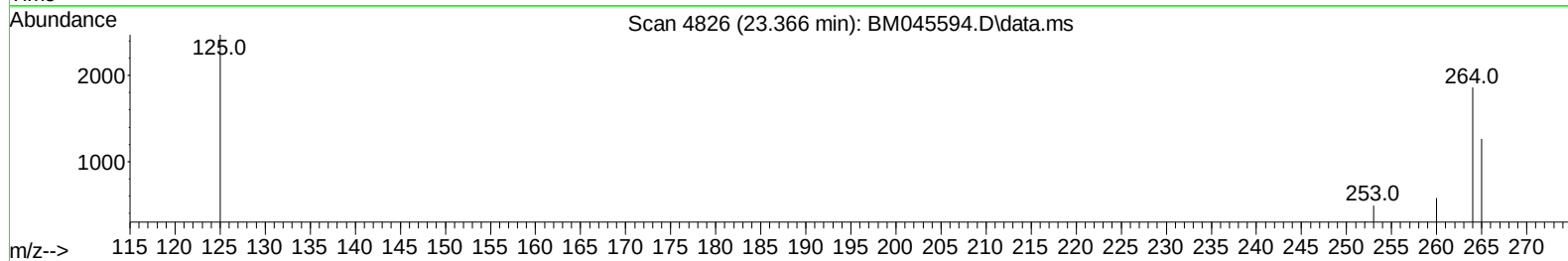
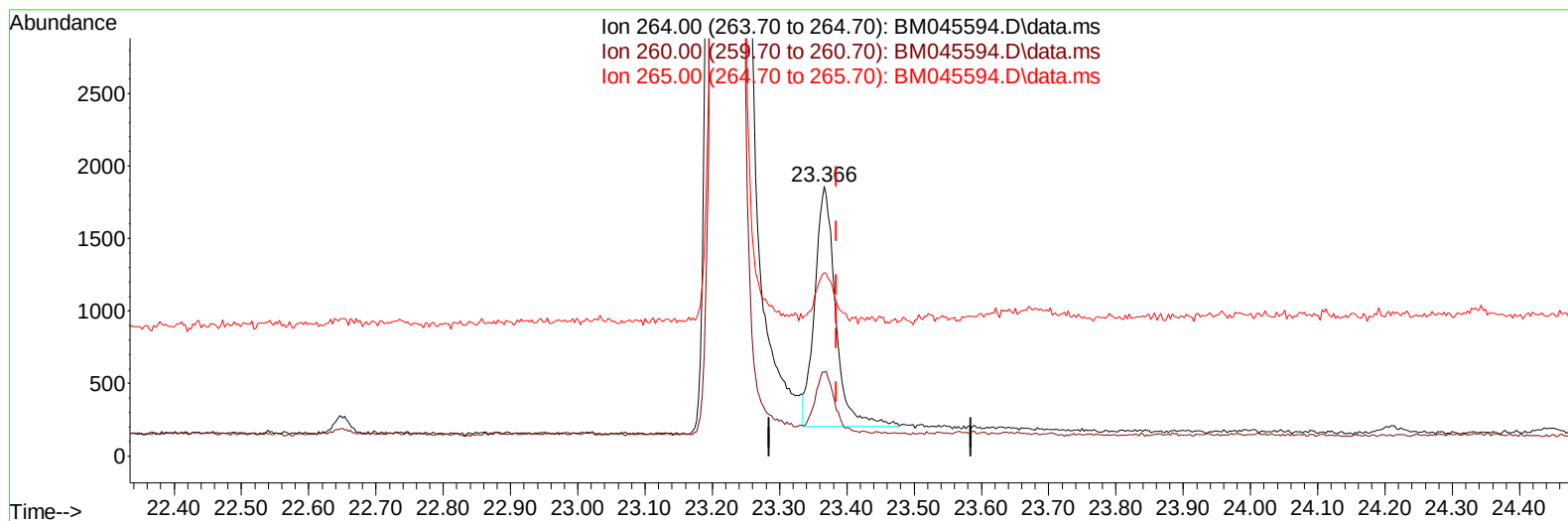
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(23) Perylene-d12 (I)

23.366min (-0.018) 0.40 ng/u1

response 3559

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	31.04
265.00	86.70	68.10#
0.00	0.00	0.00

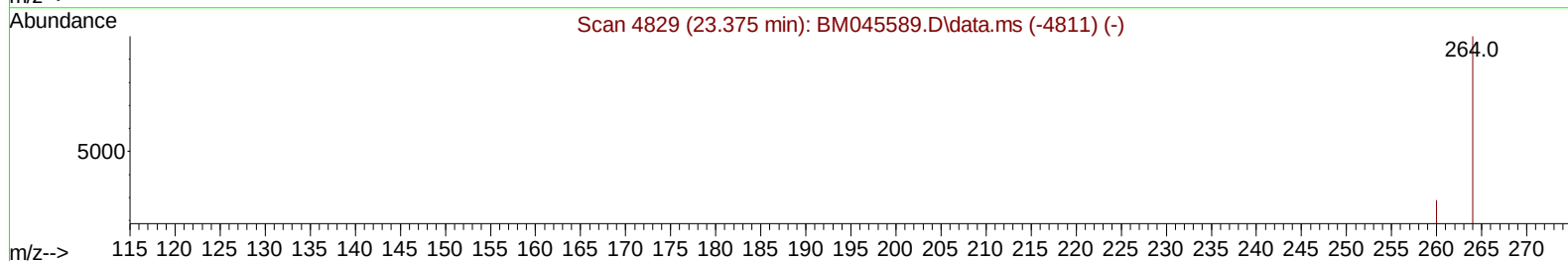
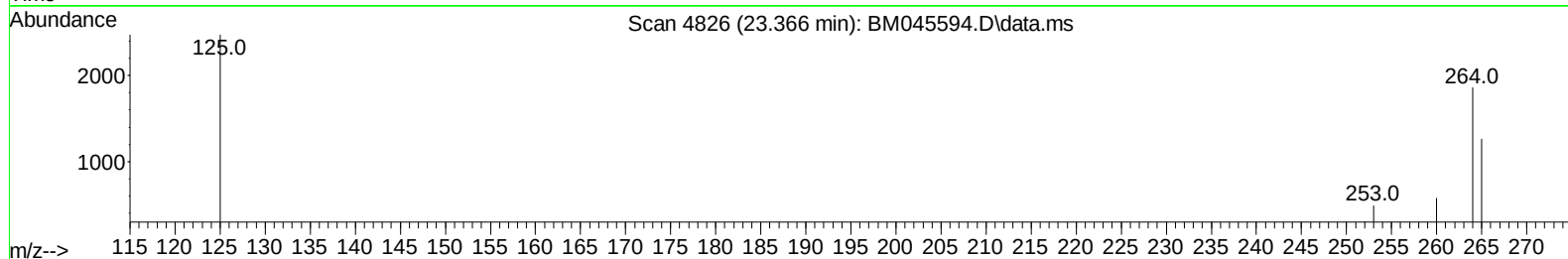
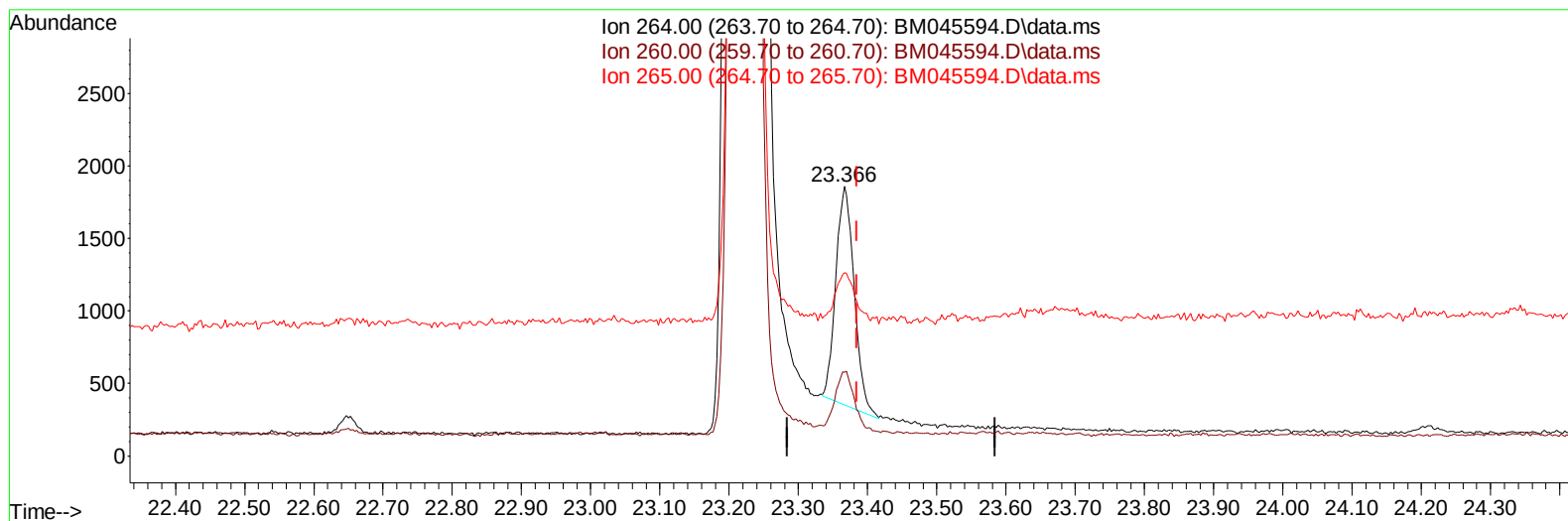
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(23) Perylene-d12 (I)

23.366min (-0.018) 0.40 ng/ul m

response 2763

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	31.04
265.00	86.70	68.10#
0.00	0.00	0.00

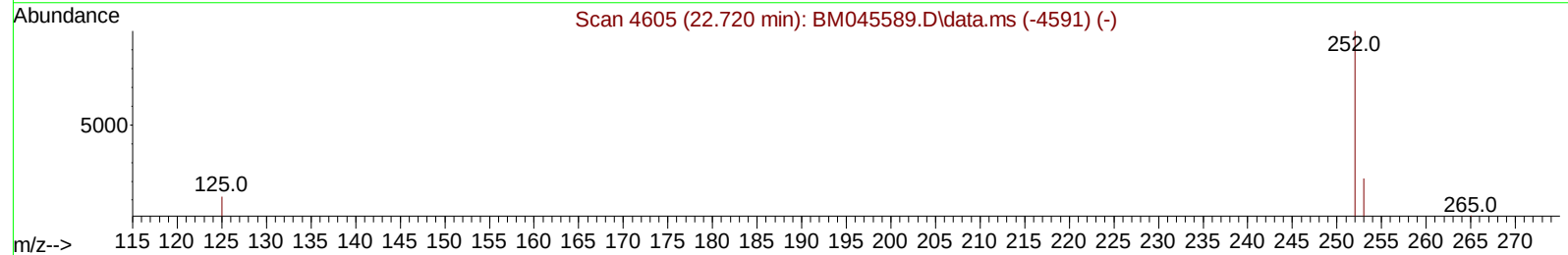
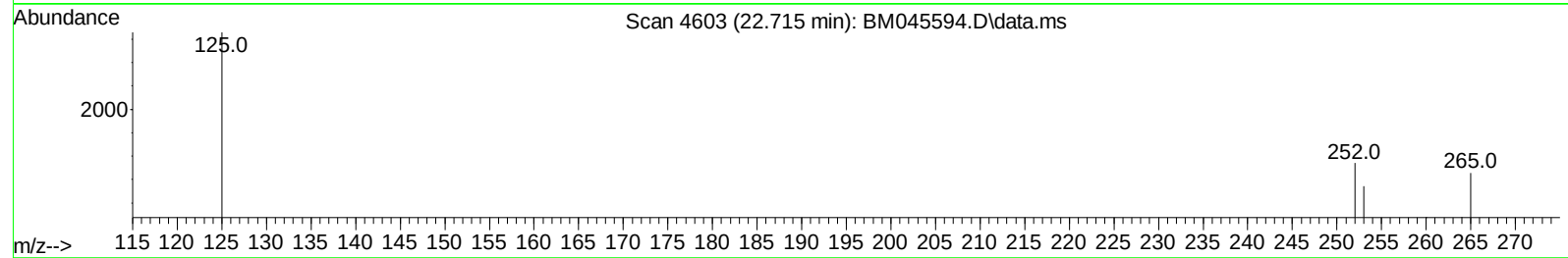
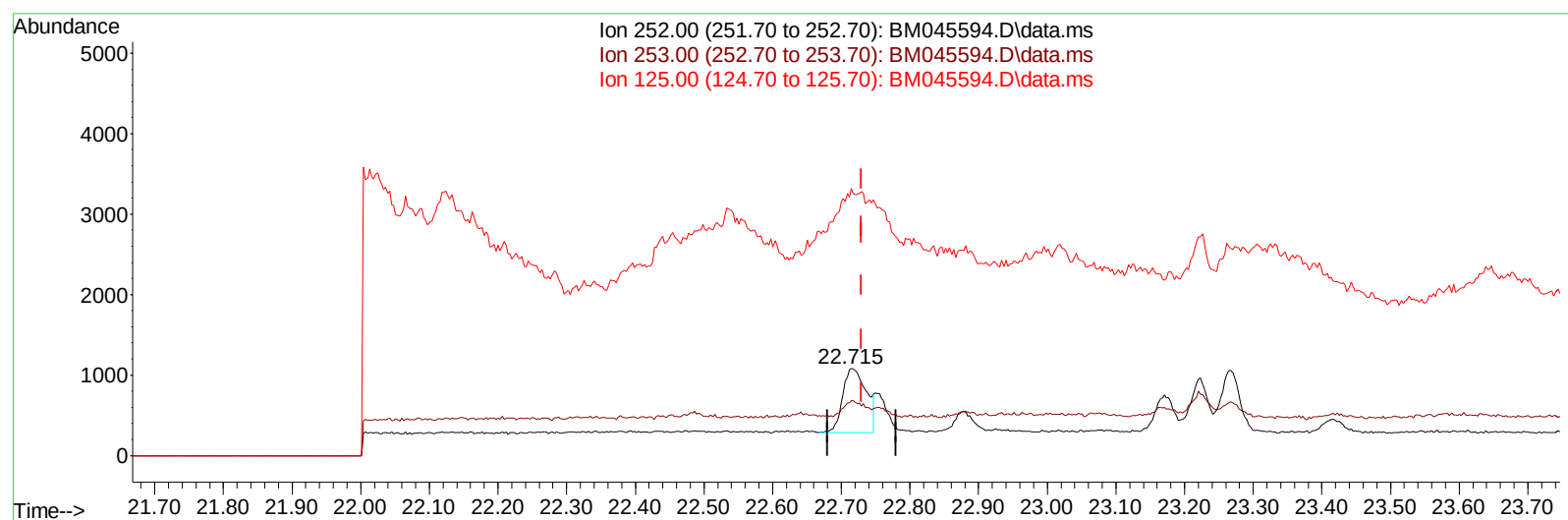
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(24) Benzo(b)fluoranthene

22.715min (-0.015) 0.21 ng/u1

response 1914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	63.09
125.00	18.40	306.75#
0.00	0.00	0.00

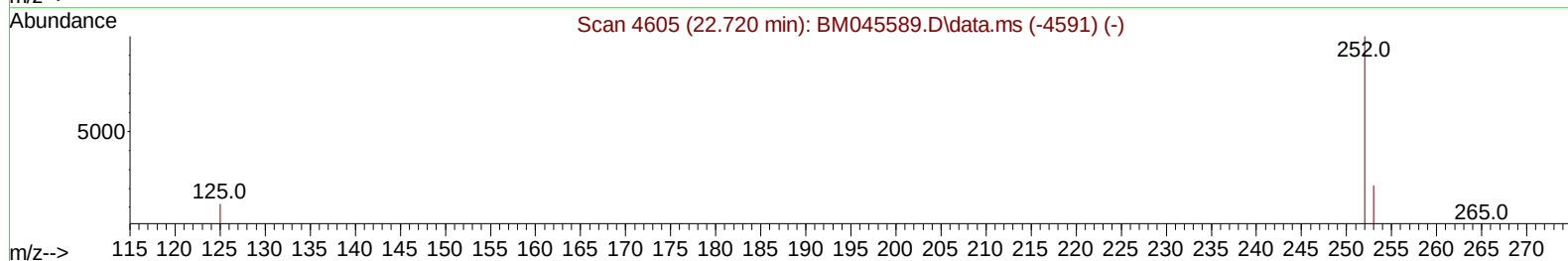
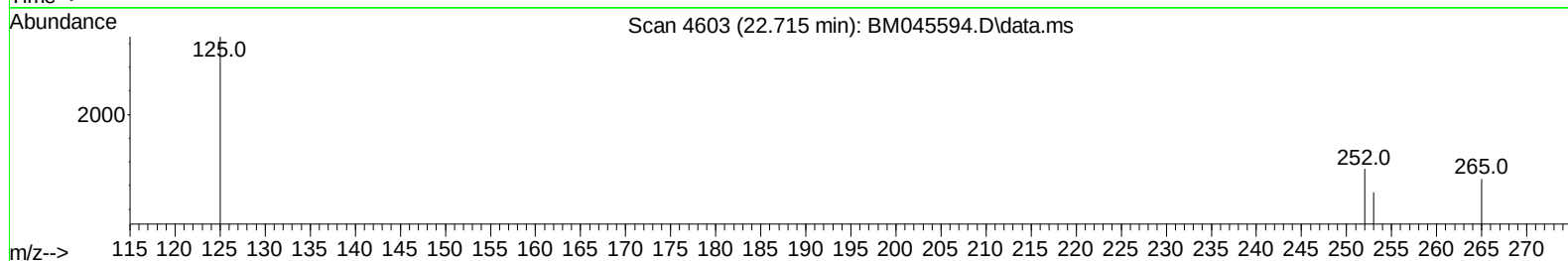
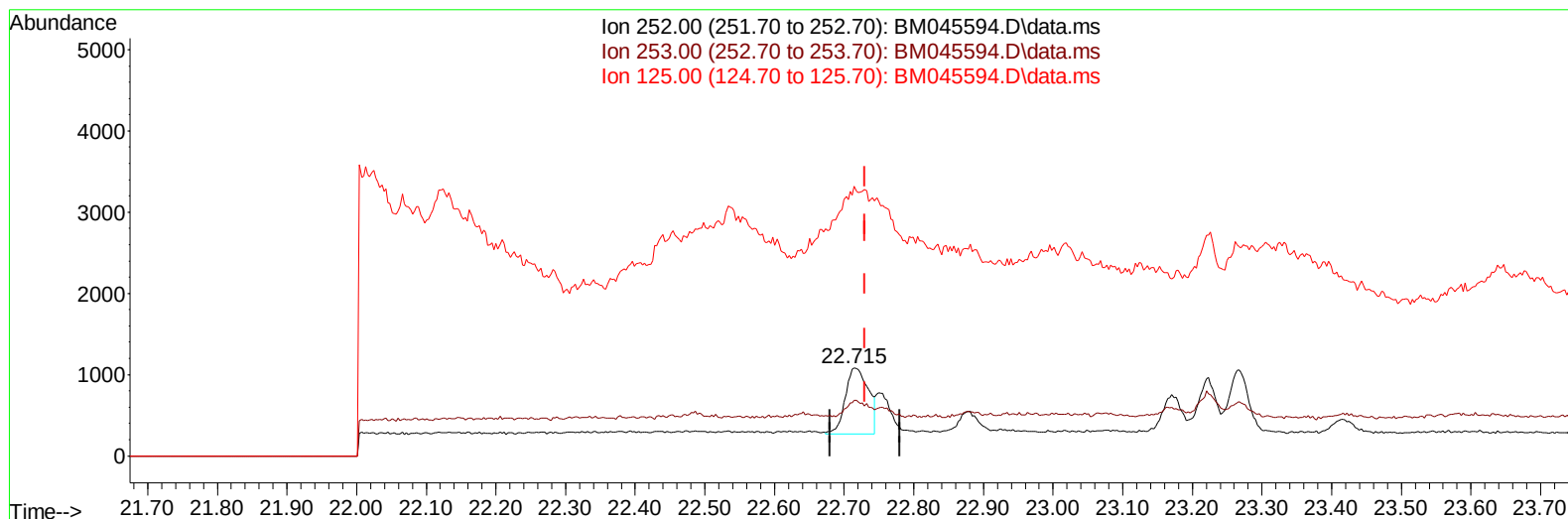
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(24) Benzo(b)fluoranthene

22.715min (-0.015) 0.20 ng/ul m

response 1893

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	63.09
125.00	18.40	306.75#
0.00	0.00	0.00

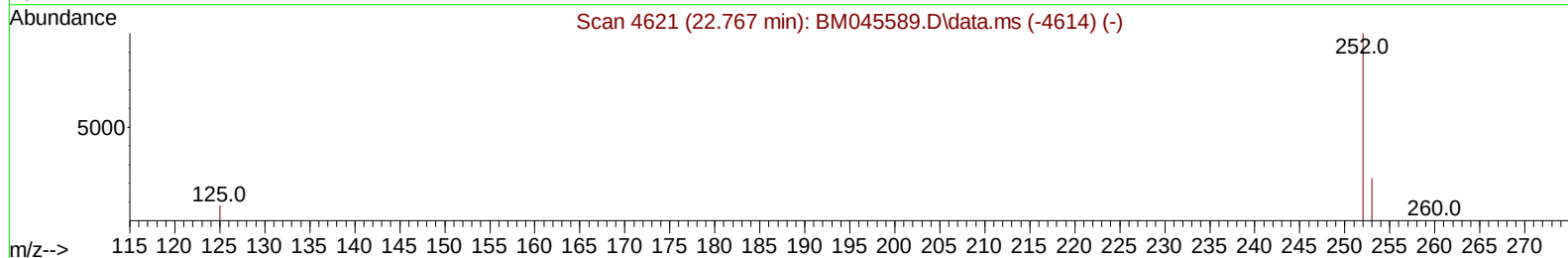
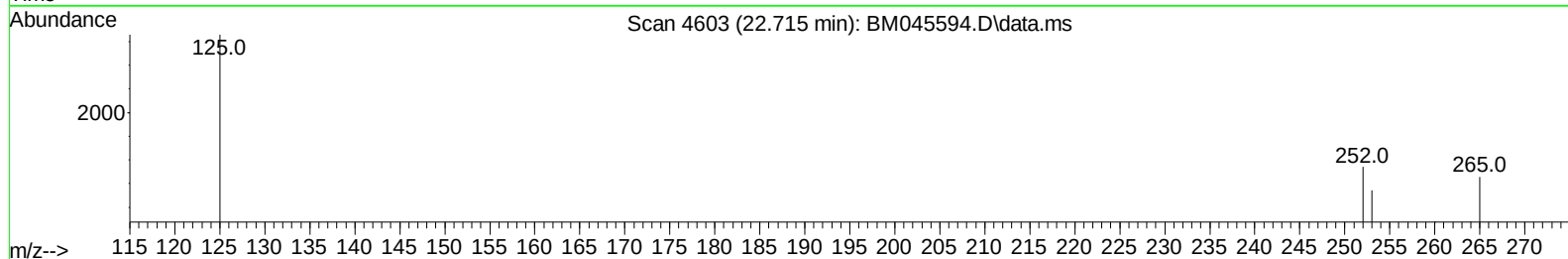
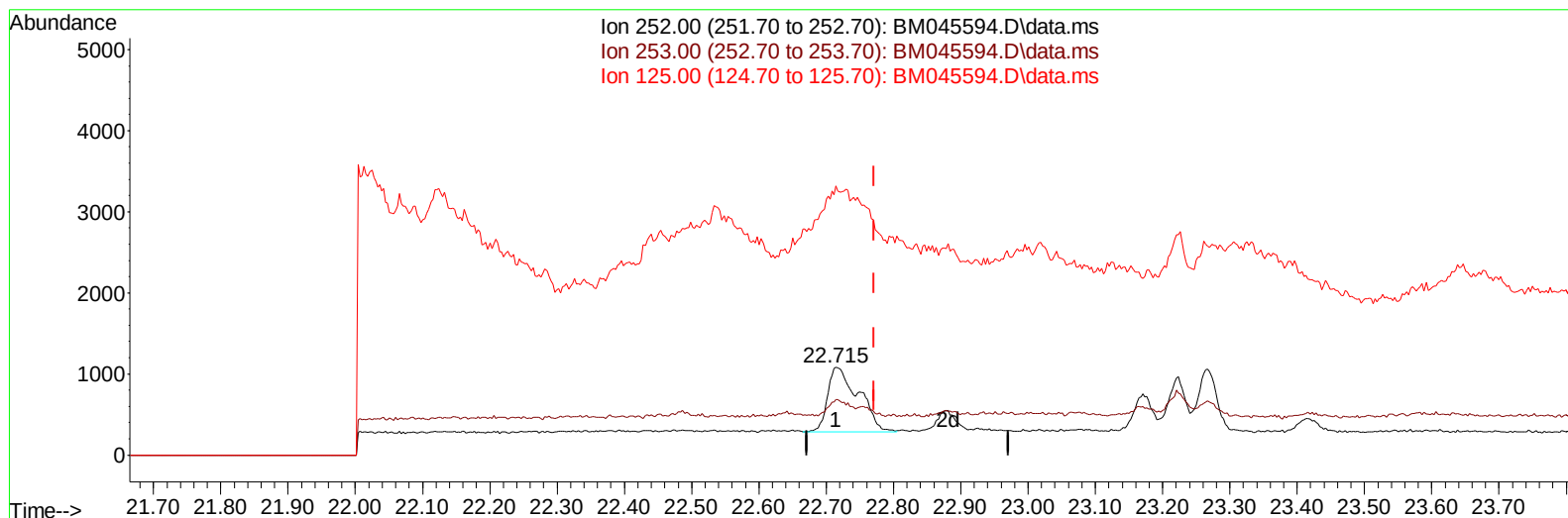
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(25) Benzo(k)fluoranthene

22.715min (-0.056) 0.22 ng/u1

response 2549

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	63.09#
125.00	18.50	306.75#
0.00	0.00	0.00

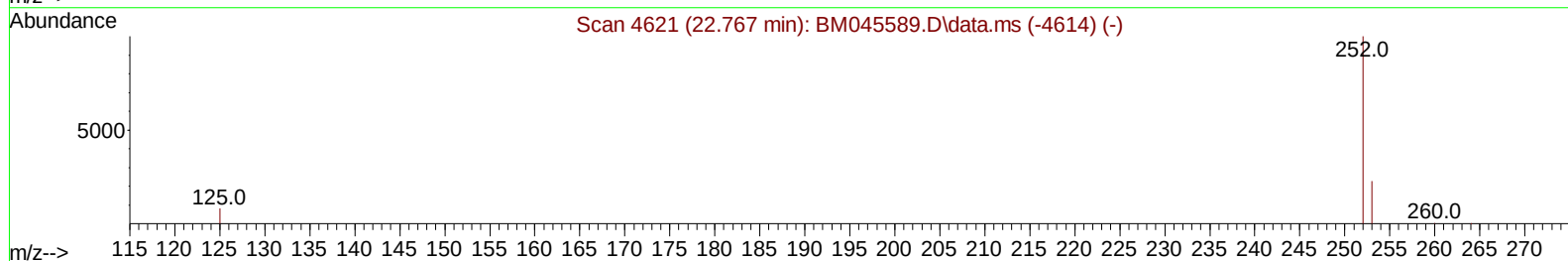
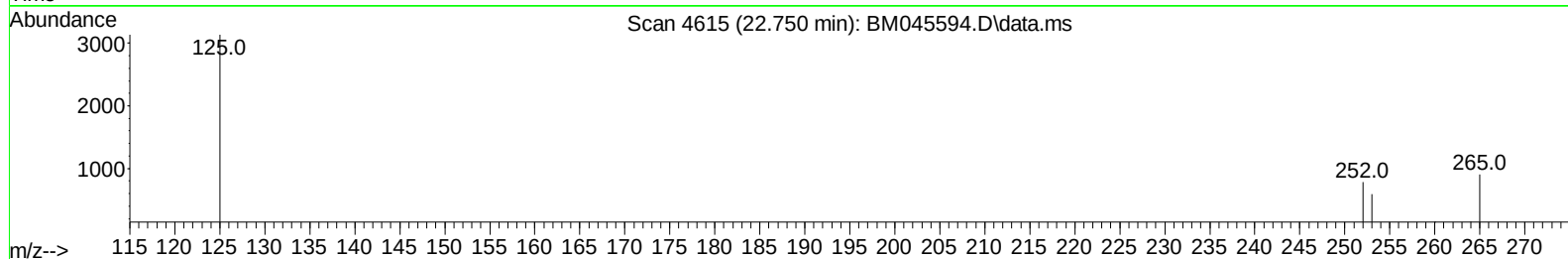
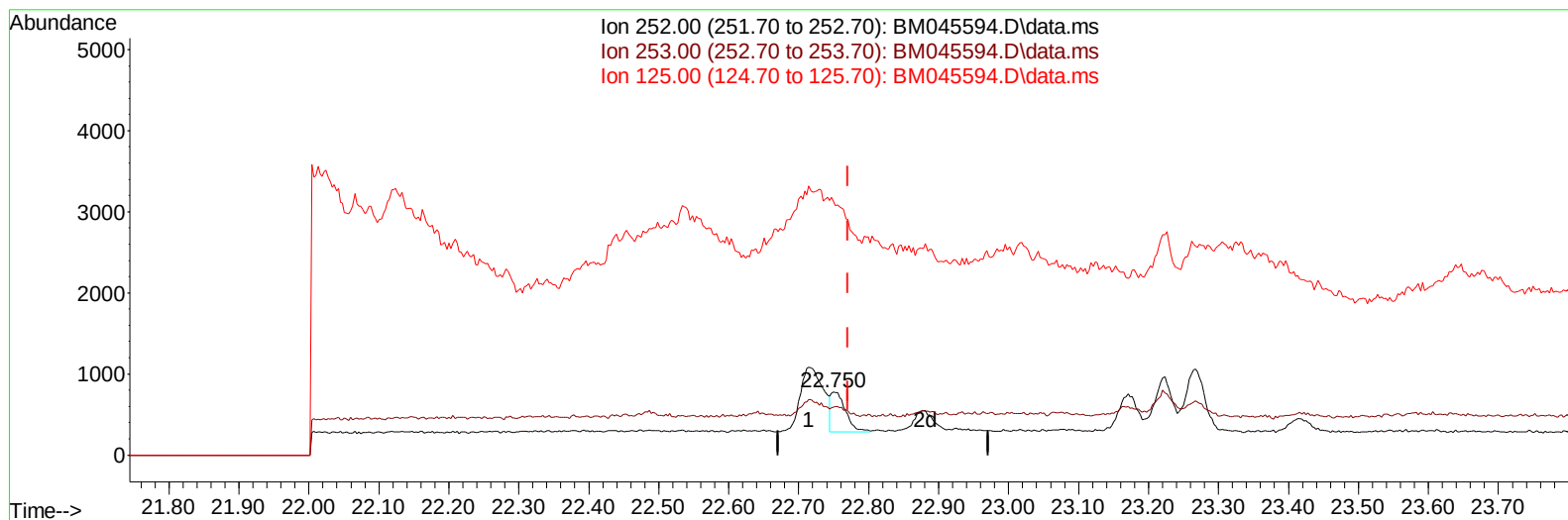
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045594.D\data.ms

(25) Benzo(k)fluoranthene

22.750min (-0.021) 0.06 ng/ul m

response 714

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	76.15#
125.00	18.50	401.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045594.D
 Acq On : 26 Apr 2024 19:02
 Operator : MA/JU
 Sample : P2203-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/27/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 23:52:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1029	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2771	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1343	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2631m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.183	240	2244	0.400	ng/ul	# 0.00
23) Perylene-d12	23.366	264	2763m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6740	4.887	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.914	152	1163	0.318	ng/ul	-0.02
18) Fluoranthene-d10	19.002	212	1905	0.270	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1362	0.183	ng/ul	98
7) 2-Methylnaphthalene	11.991	142	99	0.023	ng/ul	96
10) Acenaphthylene	13.914	152	310	0.047	ng/ul#	54
11) Acenaphthene	14.257	153	102	0.021	ng/ul#	88
12) Fluorene	15.256	166	232	0.044	ng/ul#	88
15) Phenanthrene	17.002	178	2219	0.290	ng/ul	99
16) Anthracene	17.094	178	915	0.128	ng/ul#	89
19) Fluoranthene	19.034	202	3220	0.311	ng/ul	96
20) Pyrene	19.397	202	2756m	0.259	ng/ul	
21) Benzo(a)anthracene	21.169	228	1736	0.242	ng/ul#	75
22) Chrysene	21.218	228	1375	0.125	ng/ul#	70
24) Benzo(b)fluoranthene	22.715	252	1893m	0.204	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	714m	0.061	ng/ul	
26) Benzo(a)pyrene	23.267	252	1424	0.148	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.564	276	1012	0.072	ng/ul#	51
29) Benzo(g,h,i)perylene	26.228	276	827	0.066	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045594.D
Acq On : 26 Apr 2024 19:02
Operator : MA/JU
Sample : P2203-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX3

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:52:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

