

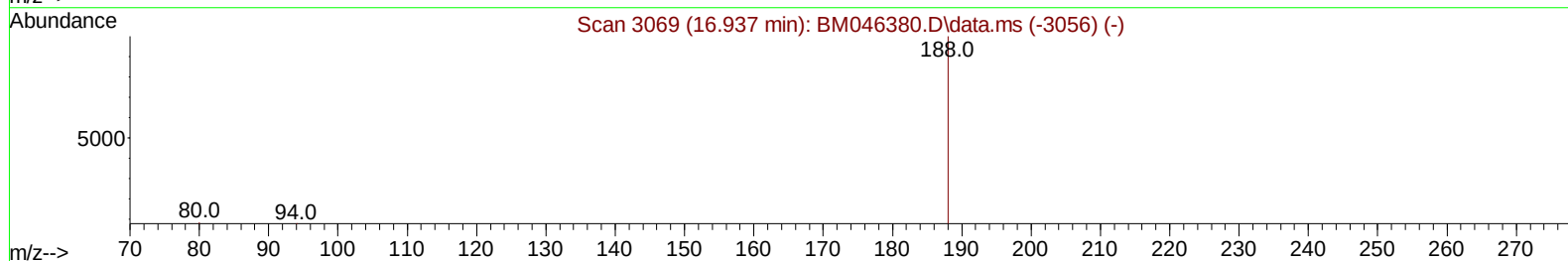
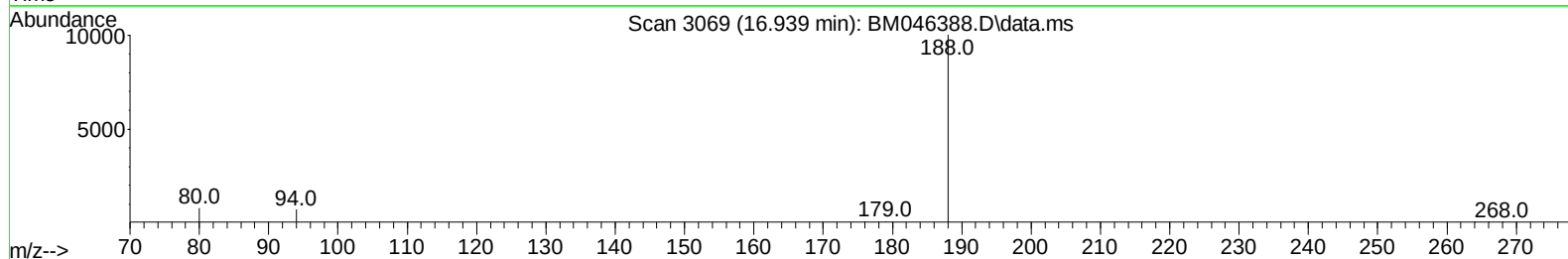
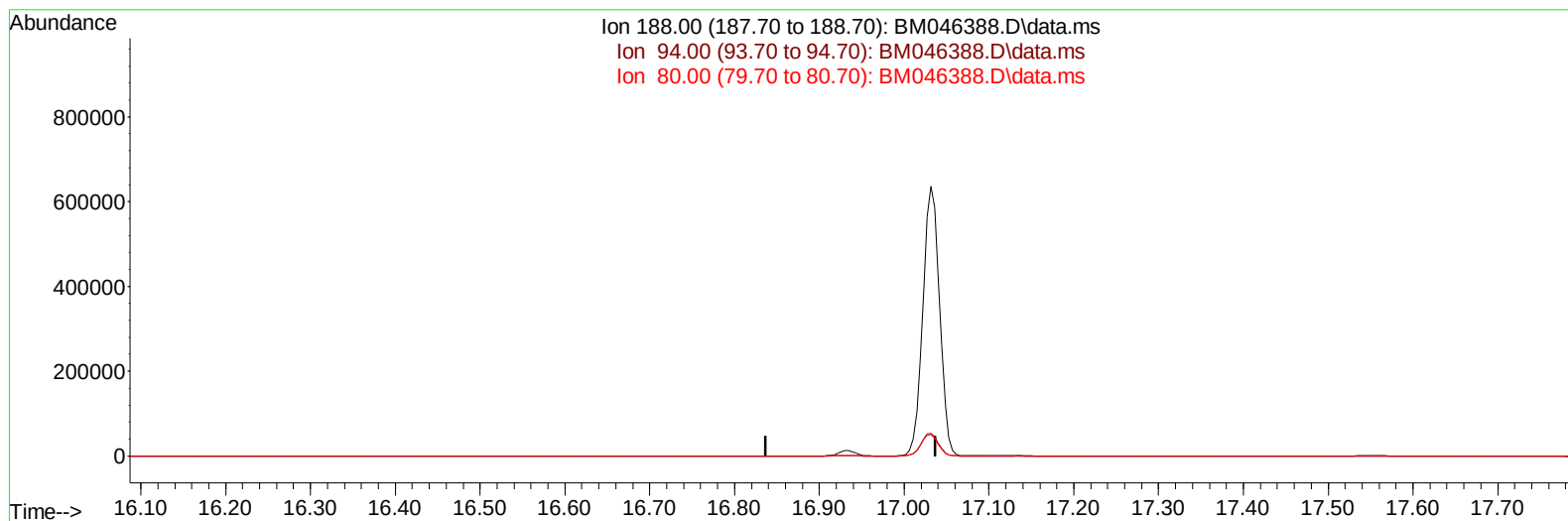
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(13) Phenanthrene-d10 (I)

16.937min (-16.937) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	8.50	0.00#
80.00	9.20	0.00#
0.00	0.00	0.00

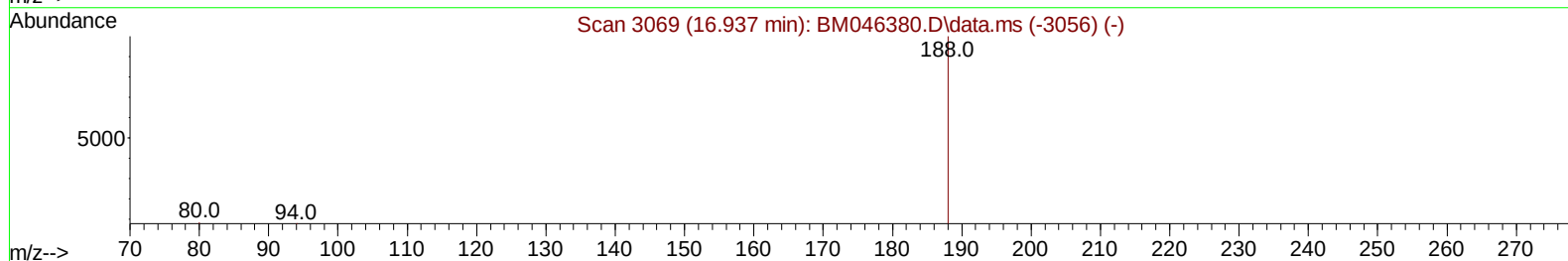
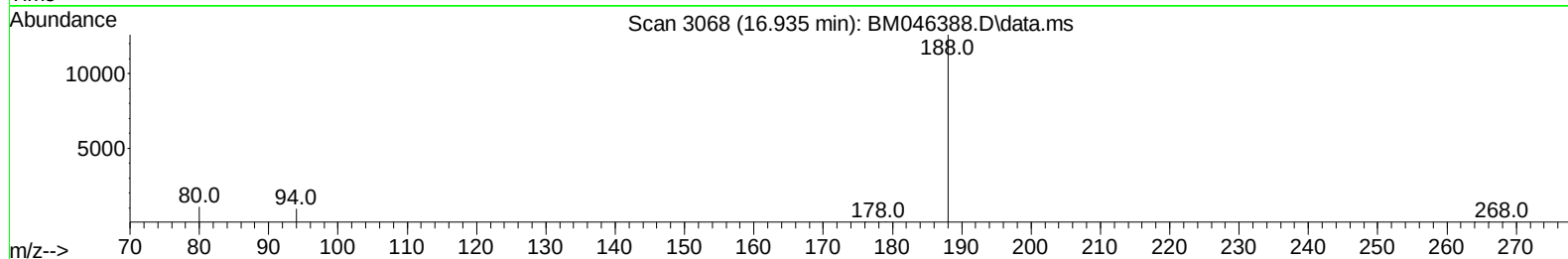
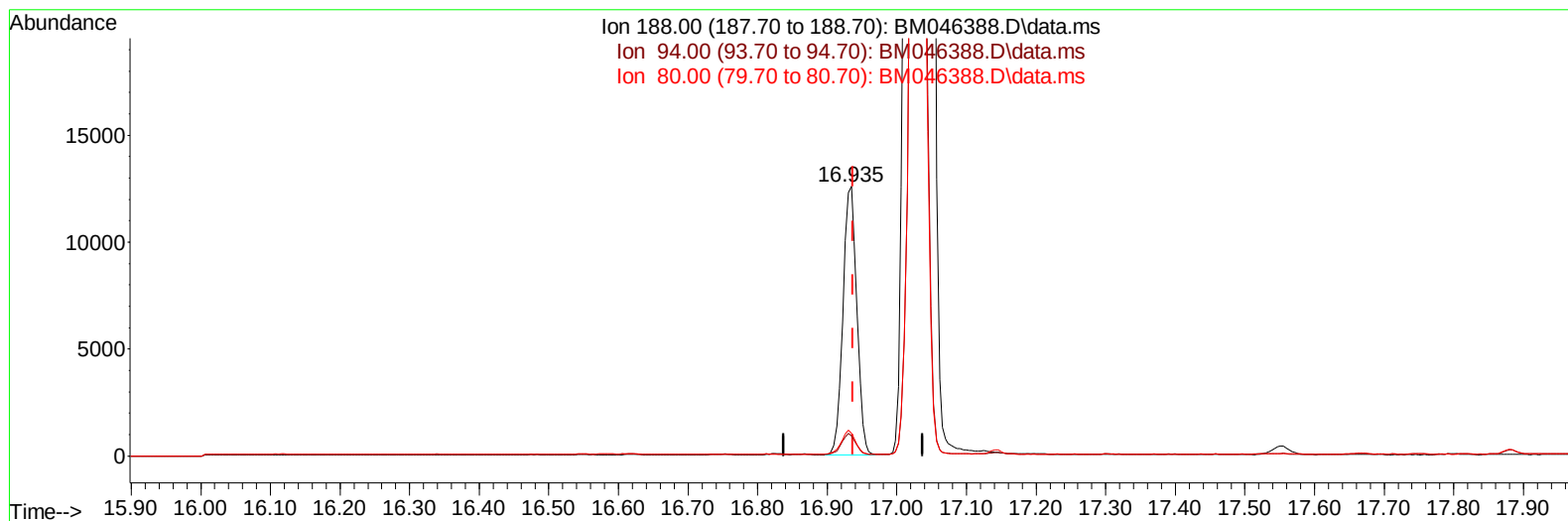
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(13) Phenanthrene-d10 (I)

16.935min (-0.003) 0.40 ng/ul m

response 17246

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	7.37
80.00	9.20	8.44
0.00	0.00	0.00

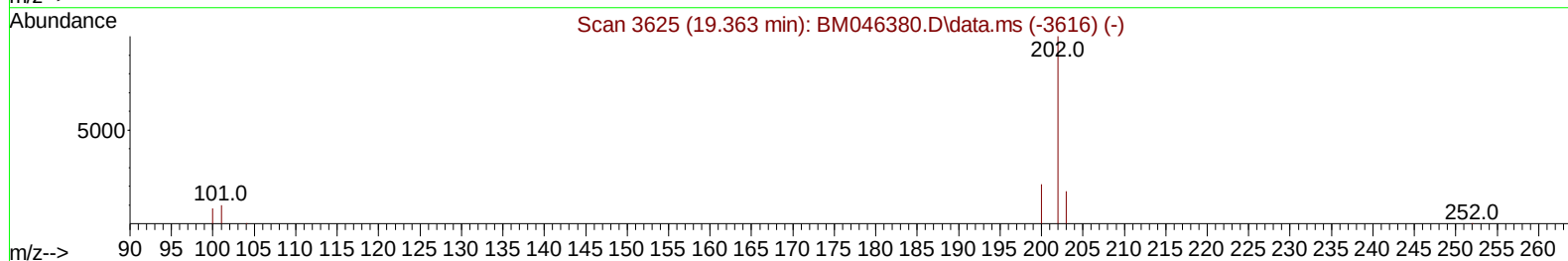
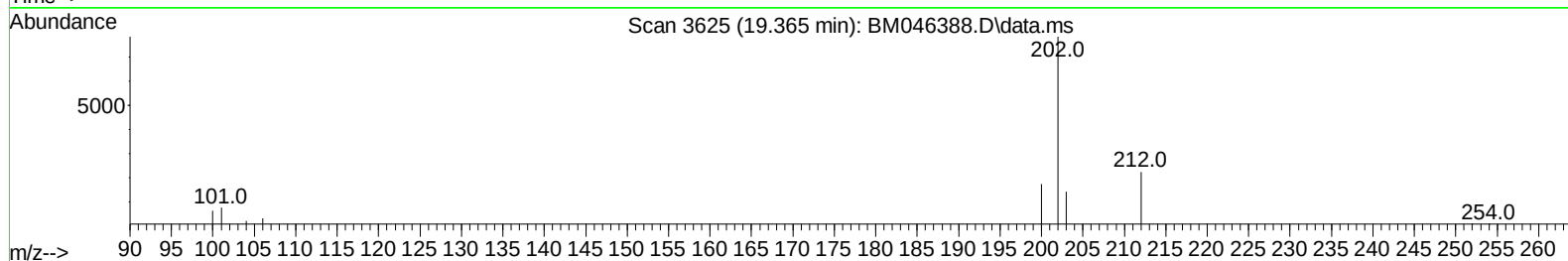
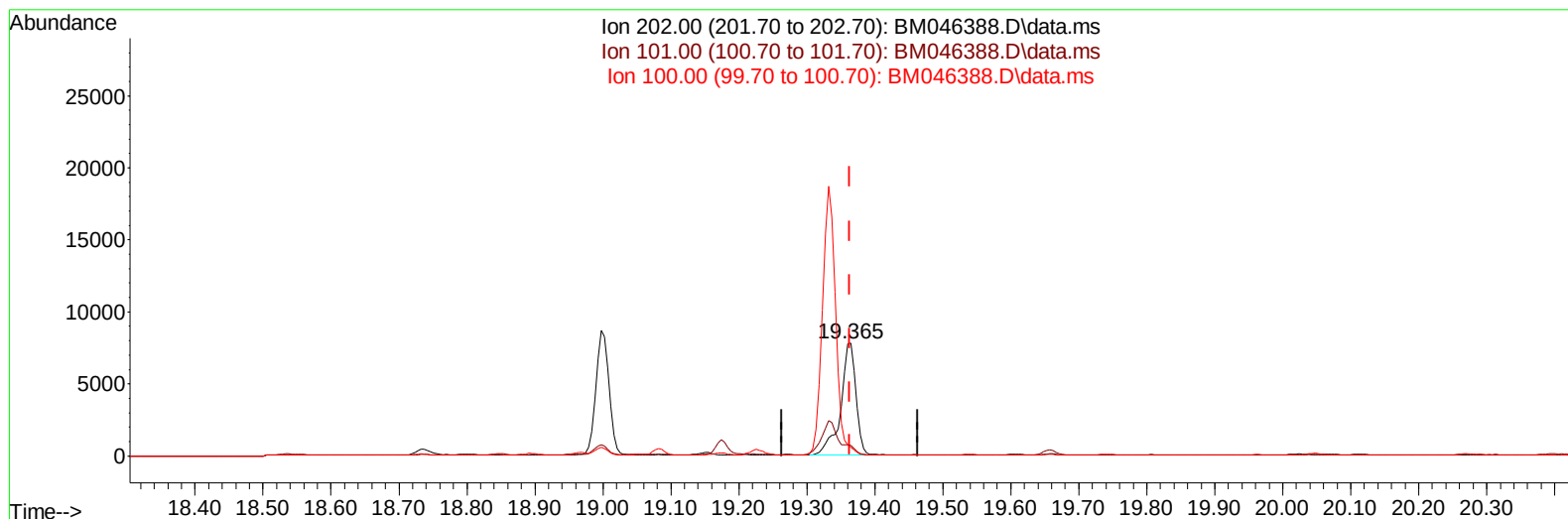
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(20) Pyrene

19.365min (+ 0.002) 0.19 ng/u1

response 12044

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	9.47
100.00	8.60	7.92
0.00	0.00	0.00

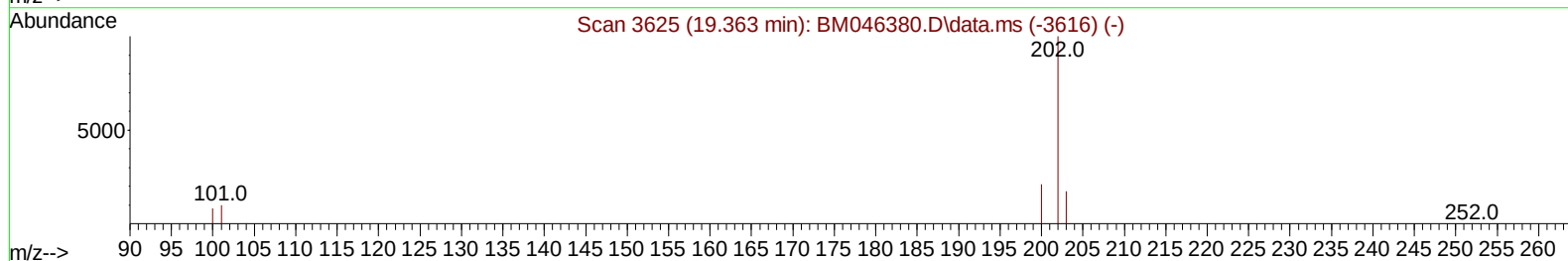
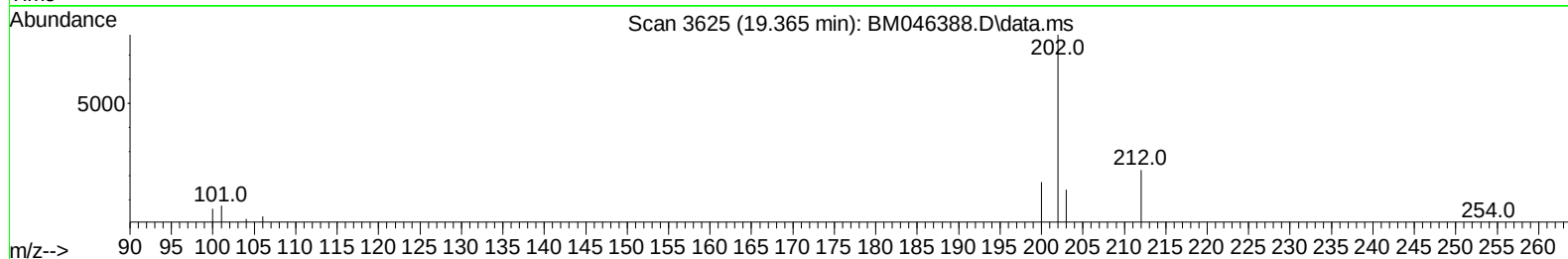
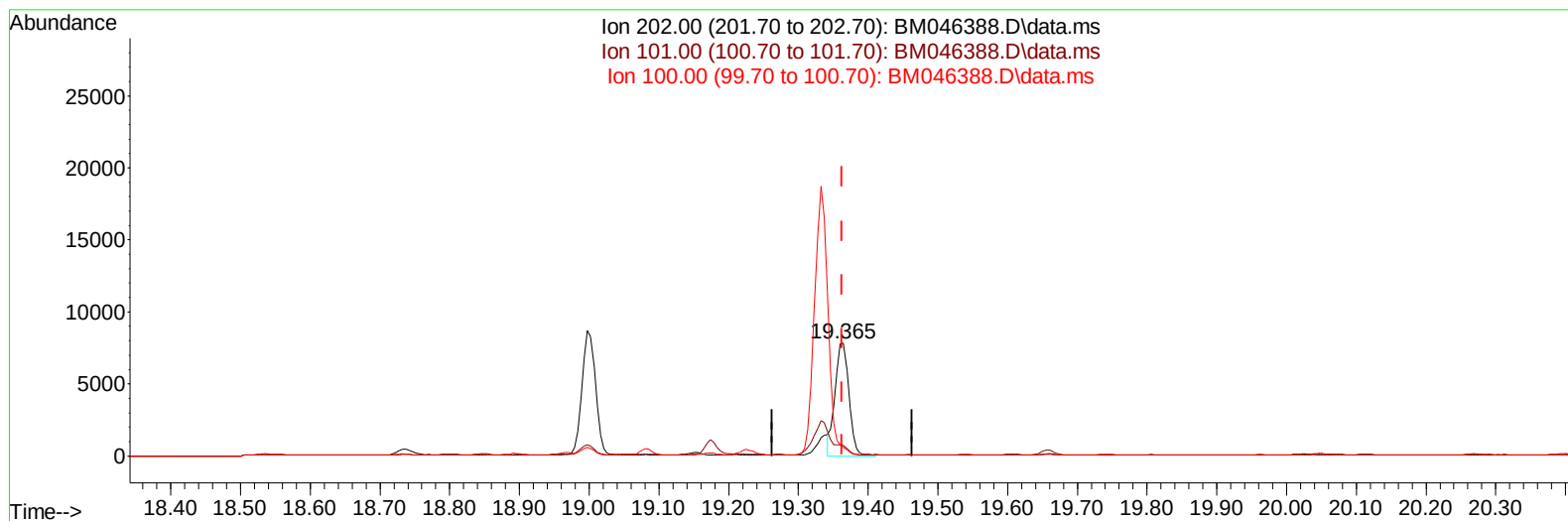
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(20) Pyrene

19.365min (+ 0.002) 0.17 ng/ul m

response 10810

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	9.47
100.00	8.60	7.92
0.00	0.00	0.00

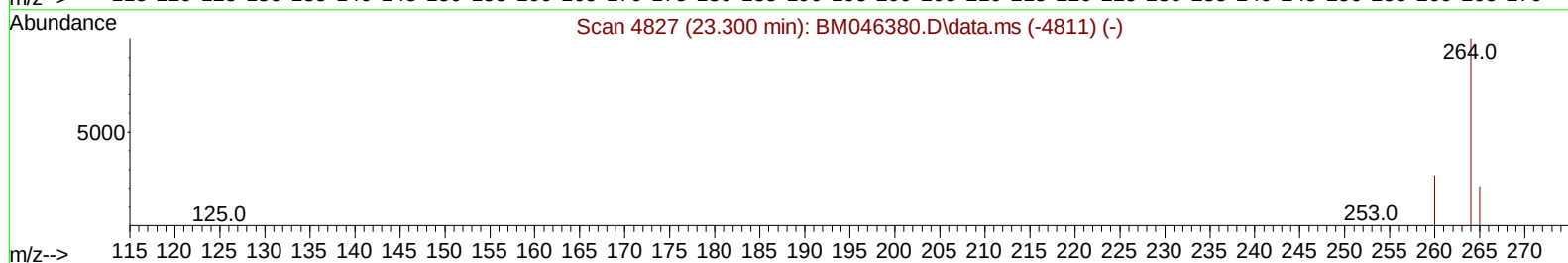
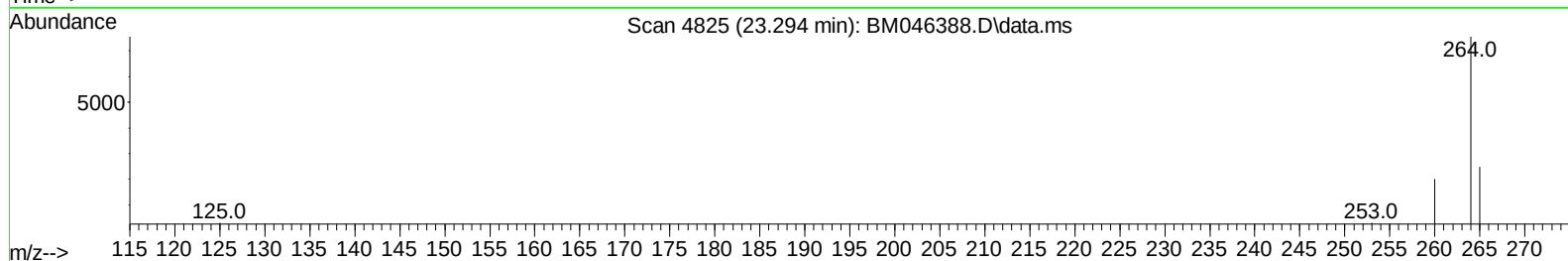
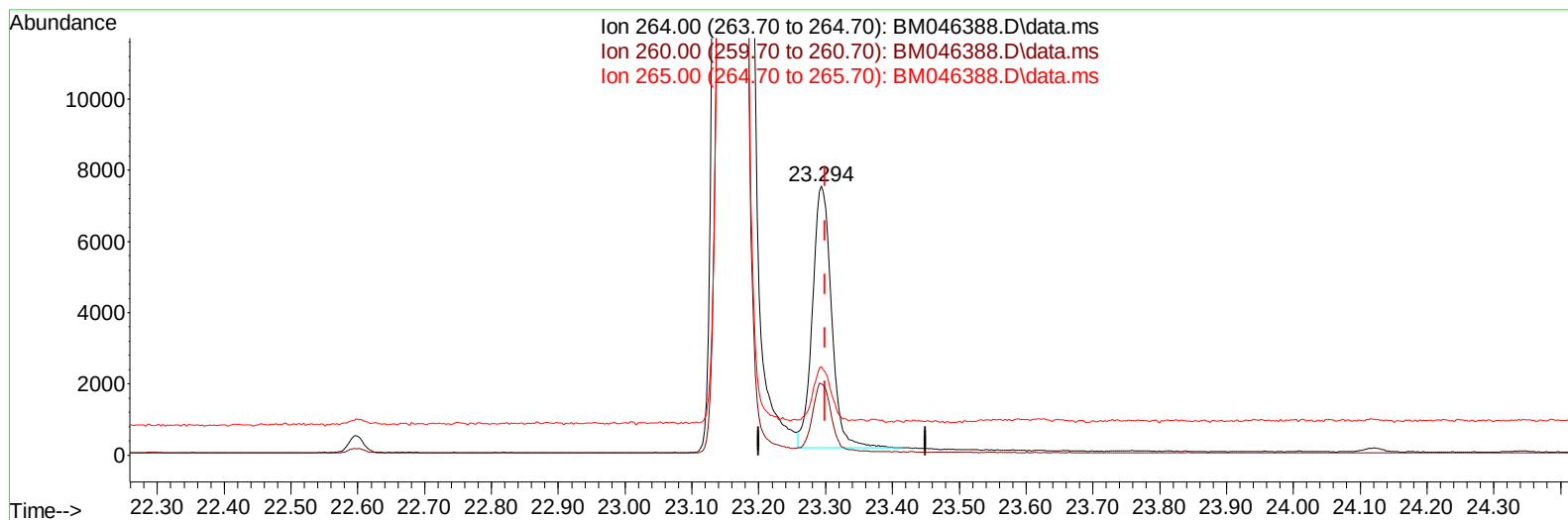
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046388.D
 Acq On : 05 Jul 2024 18:58
 Operator : MA/JU
 Sample : P3010-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.006) 0.40 ng/u1

response 14602

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.62
265.00	29.30	32.97
0.00	0.00	0.00

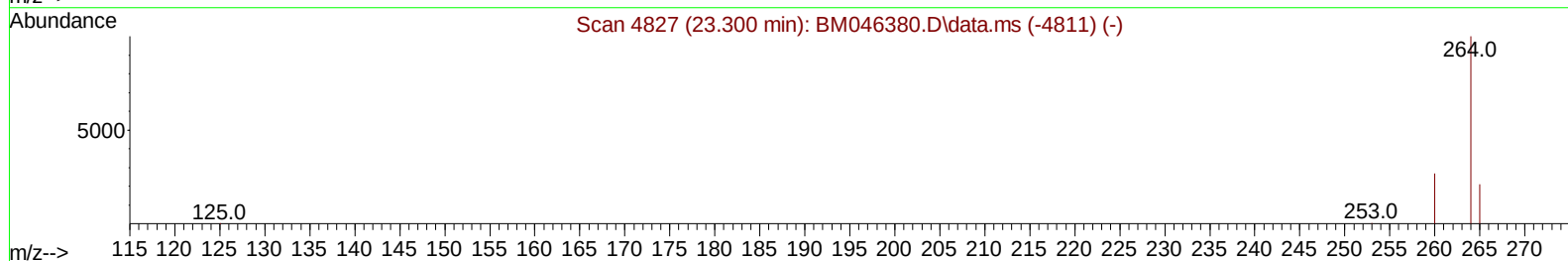
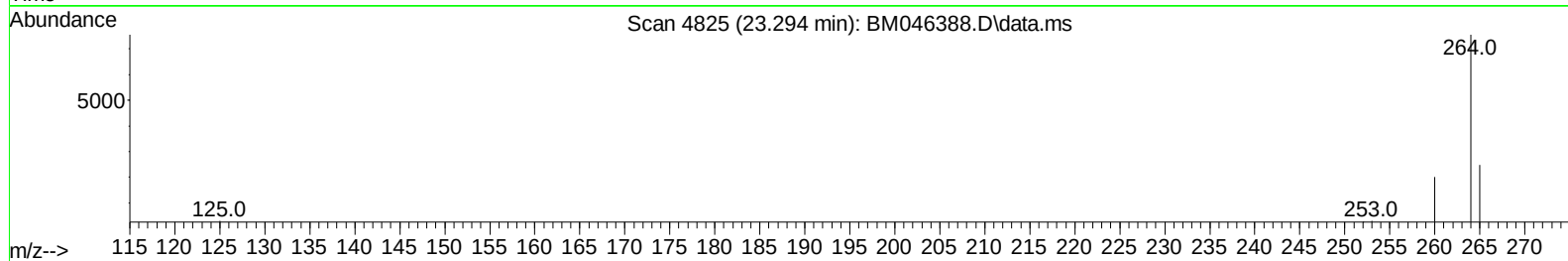
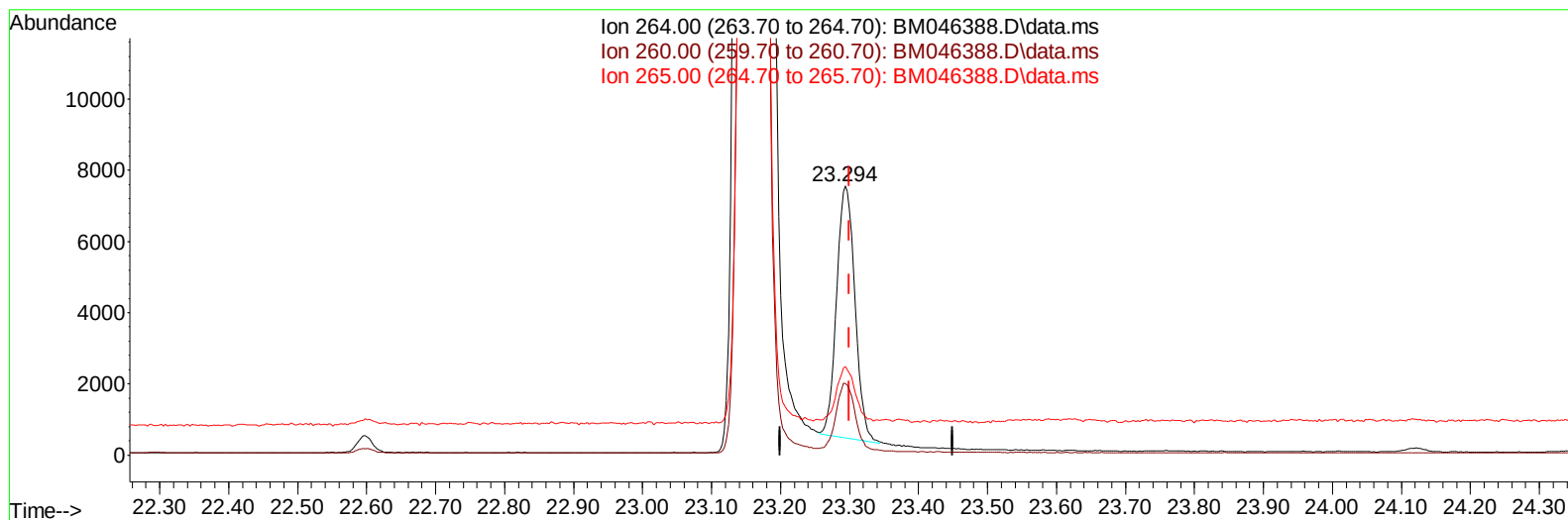
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.006) 0.40 ng/ul m

response 13014

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.62
265.00	29.30	32.97
0.00	0.00	0.00

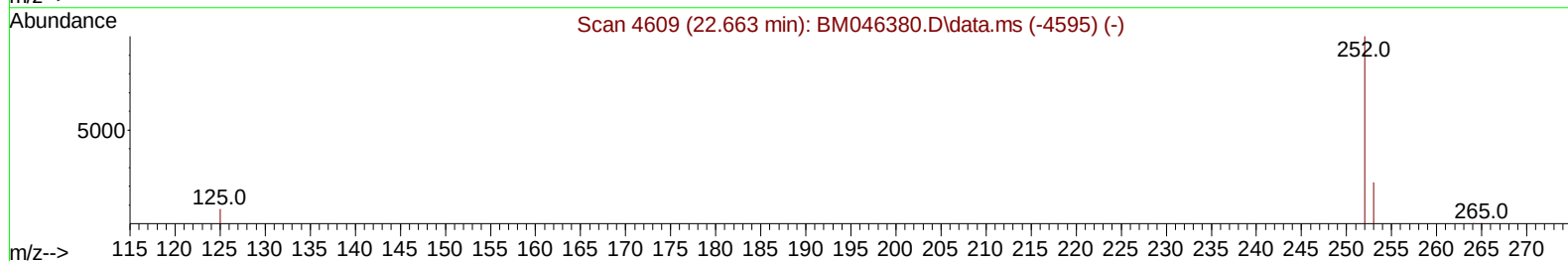
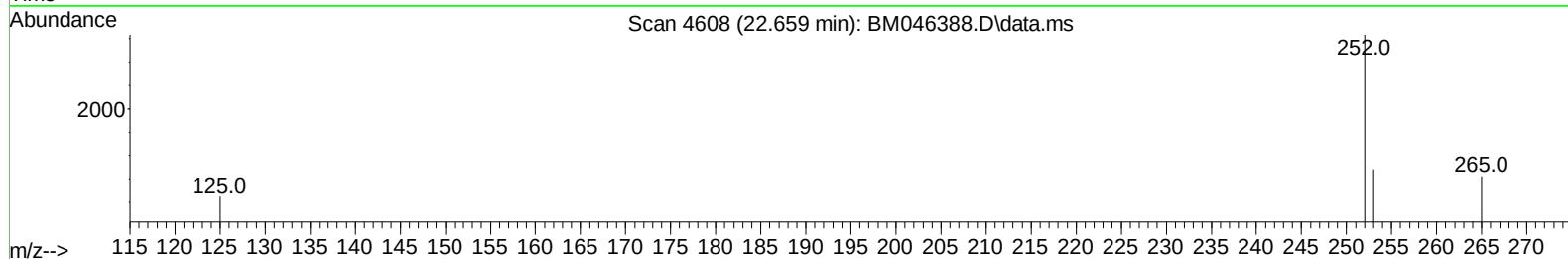
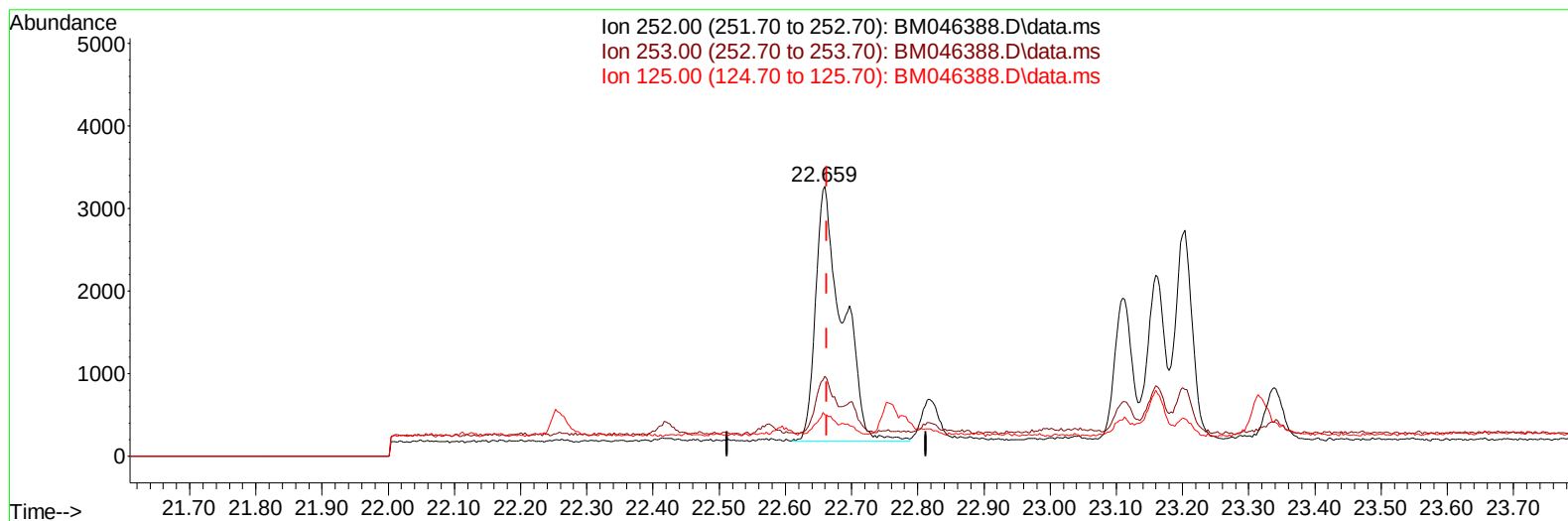
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration



TIC: BM046388.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 0.16 ng/u1

response 8704

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	29.67
125.00	9.20	15.16
0.00	0.00	0.00

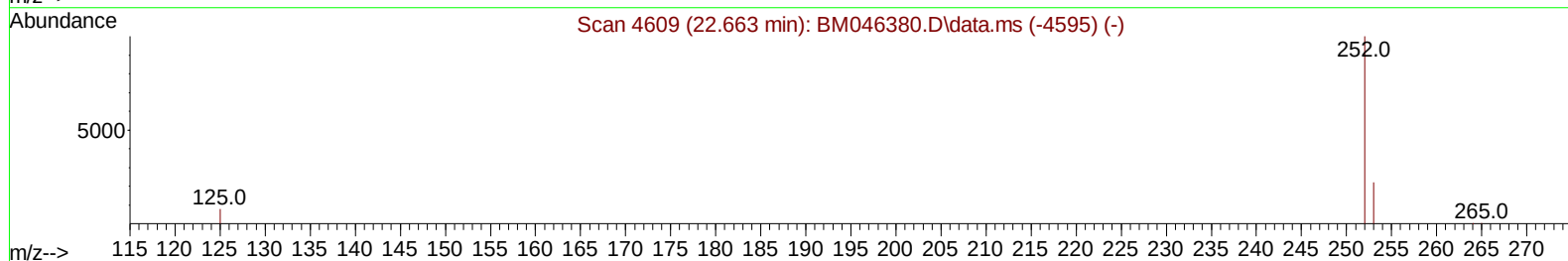
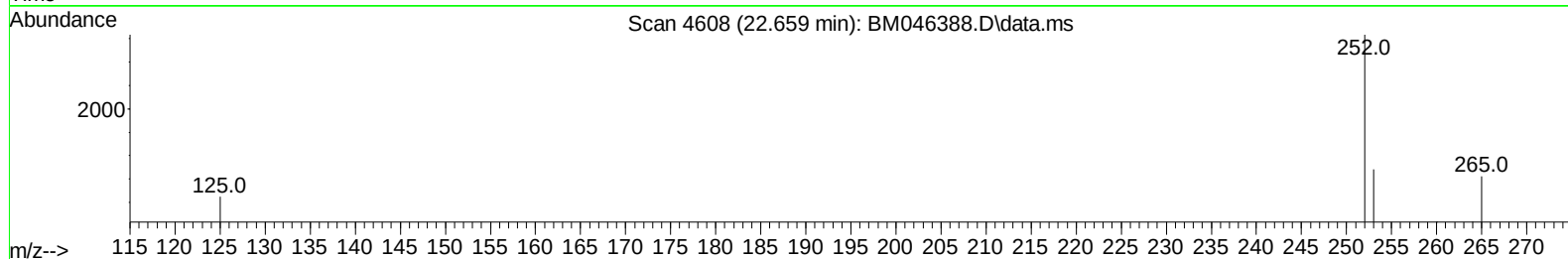
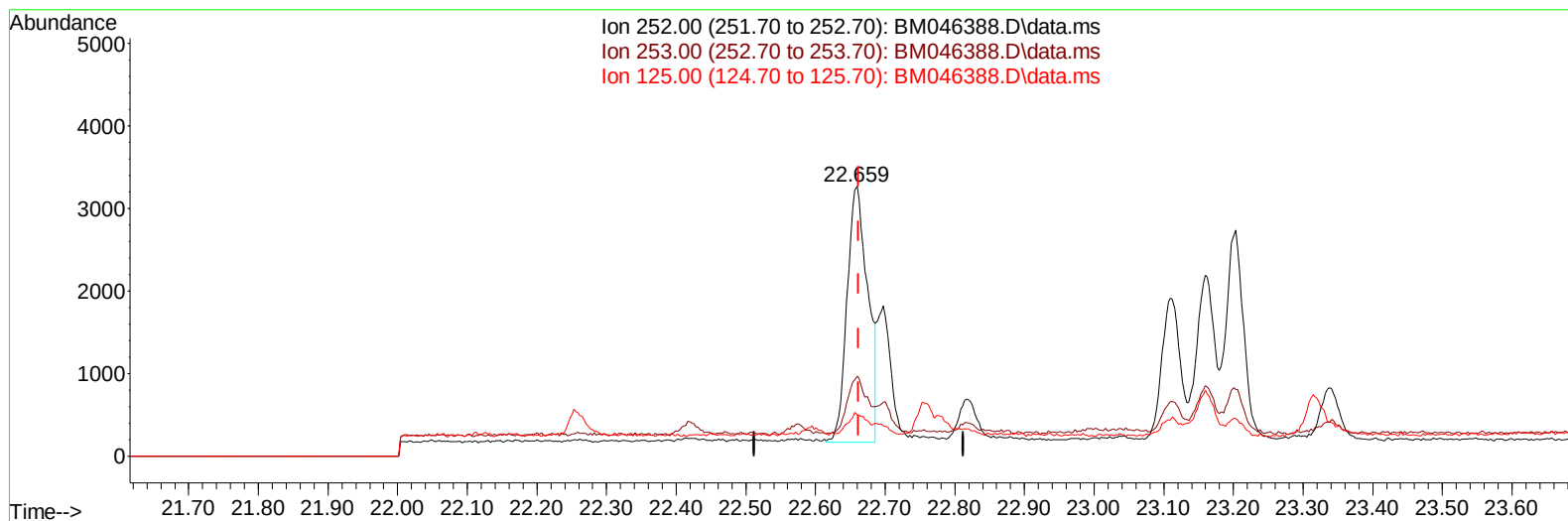
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.003) 0.12 ng/ul m

response 6439

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	29.67
125.00	9.20	15.16
0.00	0.00	0.00

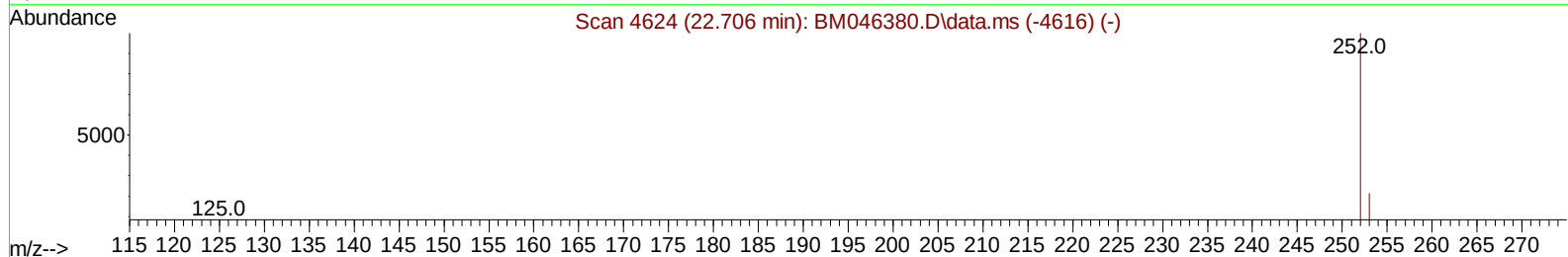
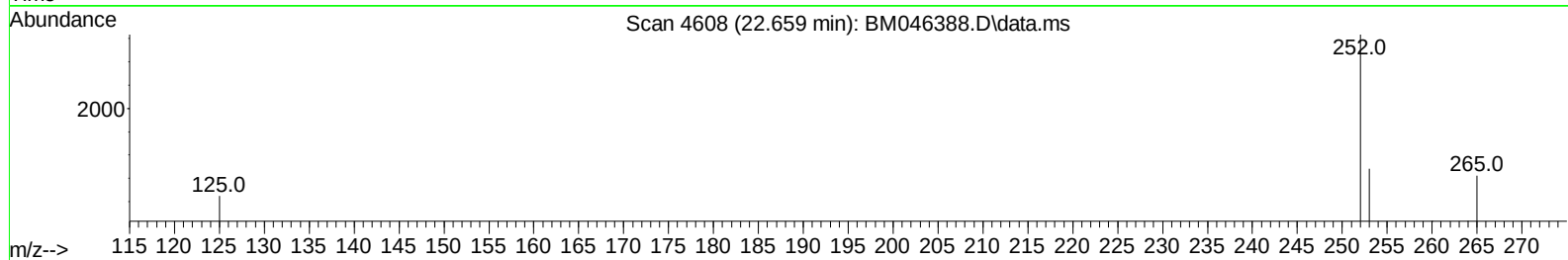
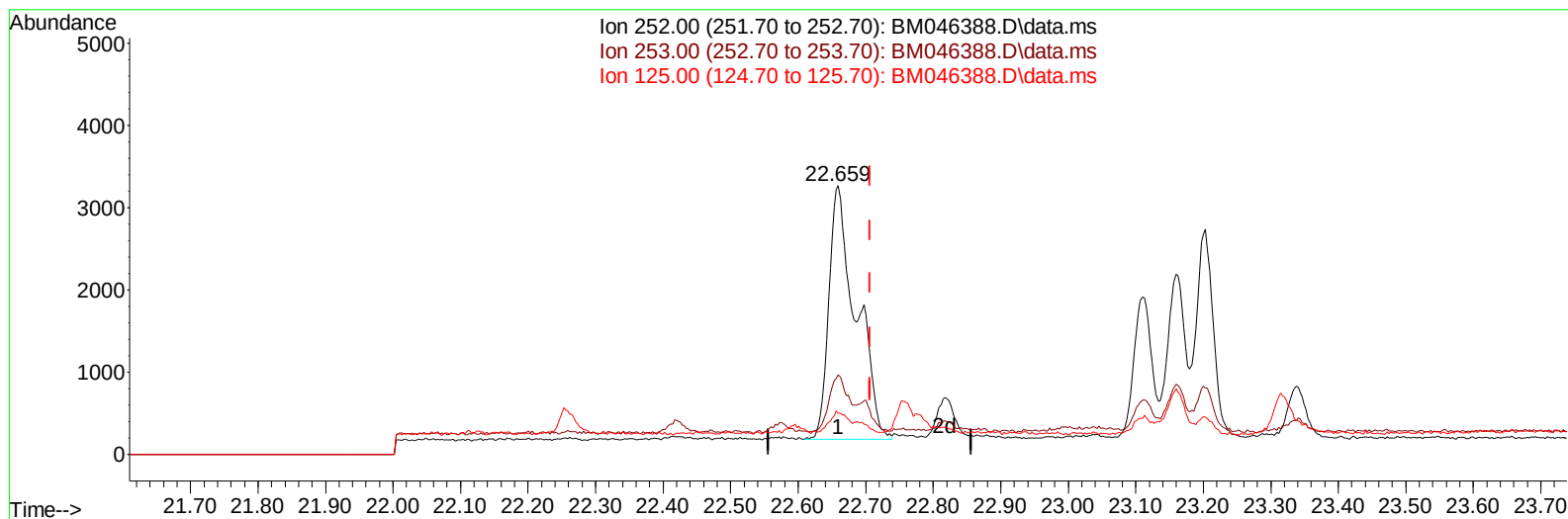
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(25) Benzo(k)fluoranthene

22.659min (-0.047) 0.15 ng/u1

response 8586

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	29.67#
125.00	9.40	15.16#
0.00	0.00	0.00

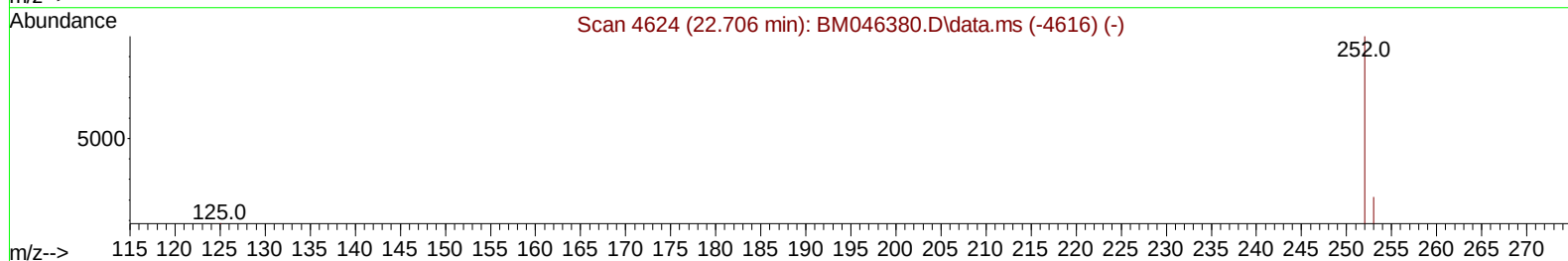
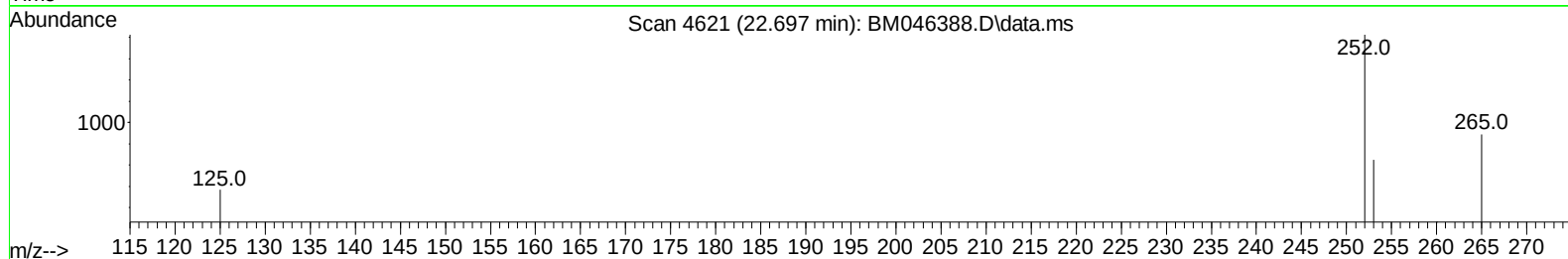
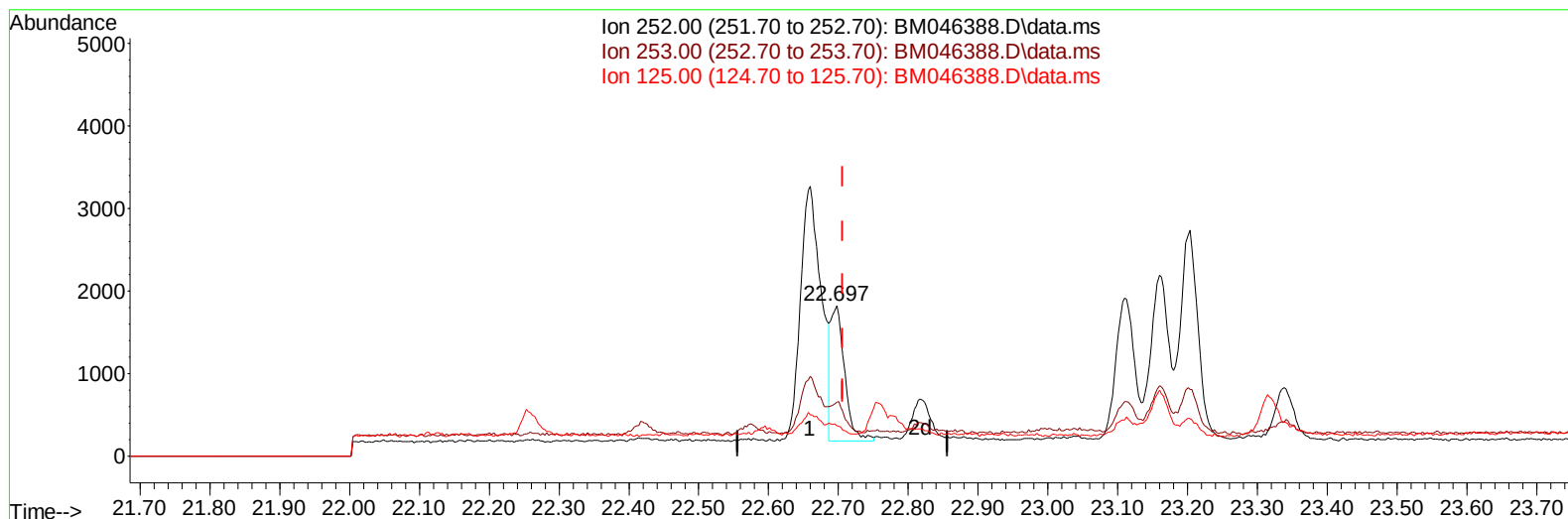
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046388.D
 Acq On : 05 Jul 2024 18:58
 Operator : MA/JU
 Sample : P3010-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BM046388.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.009) 0.04 ng/ul m

response 2280

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	35.64#
125.00	9.40	20.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046388.D
 Acq On : 05 Jul 2024 18:58
 Operator : MA/JU
 Sample : P3010-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B67

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:10:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.539	152		4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136		13684	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164		8253	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188		17246m	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240		12443	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264		13014m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.130	96		17159	3.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152		4100	0.203	ng/ul	0.00
18) Fluoranthene-d10	18.970	212		8840	0.203	ng/ul	0.00
Target Compounds							
							Qvalue
15) Phenanthrene	16.973	178		7147	0.138	ng/ul	99
16) Anthracene	17.065	178		1457	0.029	ng/ul#	86
19) Fluoranthene	18.998	202		11510	0.183	ng/ul	98
20) Pyrene	19.365	202		10810m	0.167	ng/ul	
21) Benzo(a)anthracene	21.120	228		4646	0.084	ng/ul	94
22) Chrysene	21.172	228		4761	0.086	ng/ul	96
24) Benzo(b)fluoranthene	22.659	252		6439m	0.116	ng/ul	
25) Benzo(k)fluoranthene	22.697	252		2280m	0.041	ng/ul	
26) Benzo(a)pyrene	23.203	252		4342	0.099	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.430	276		3231	0.055	ng/ul#	92
29) Benzo(g,h,i)perylene	26.081	276		3266	0.069	ng/ul#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
Operator : MA/JU
Sample : P3010-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B67

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

