

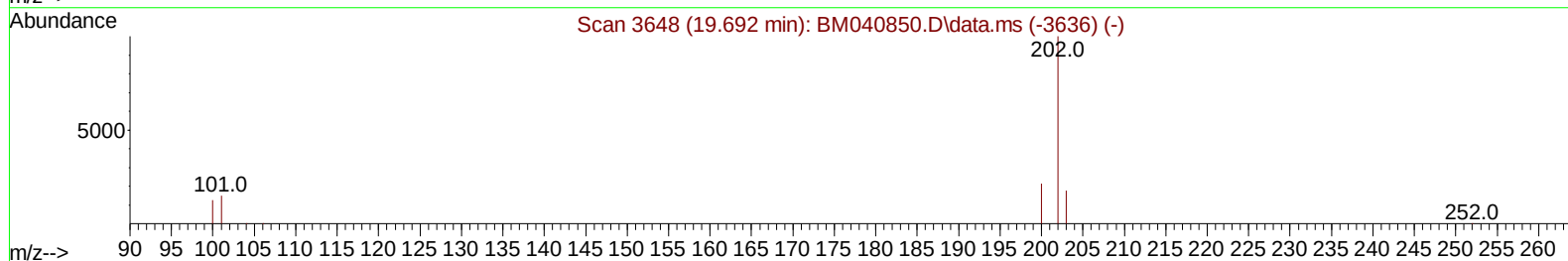
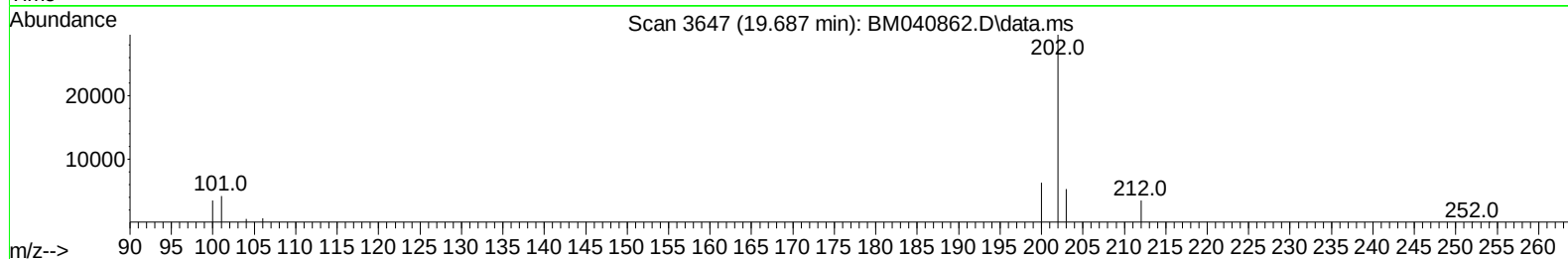
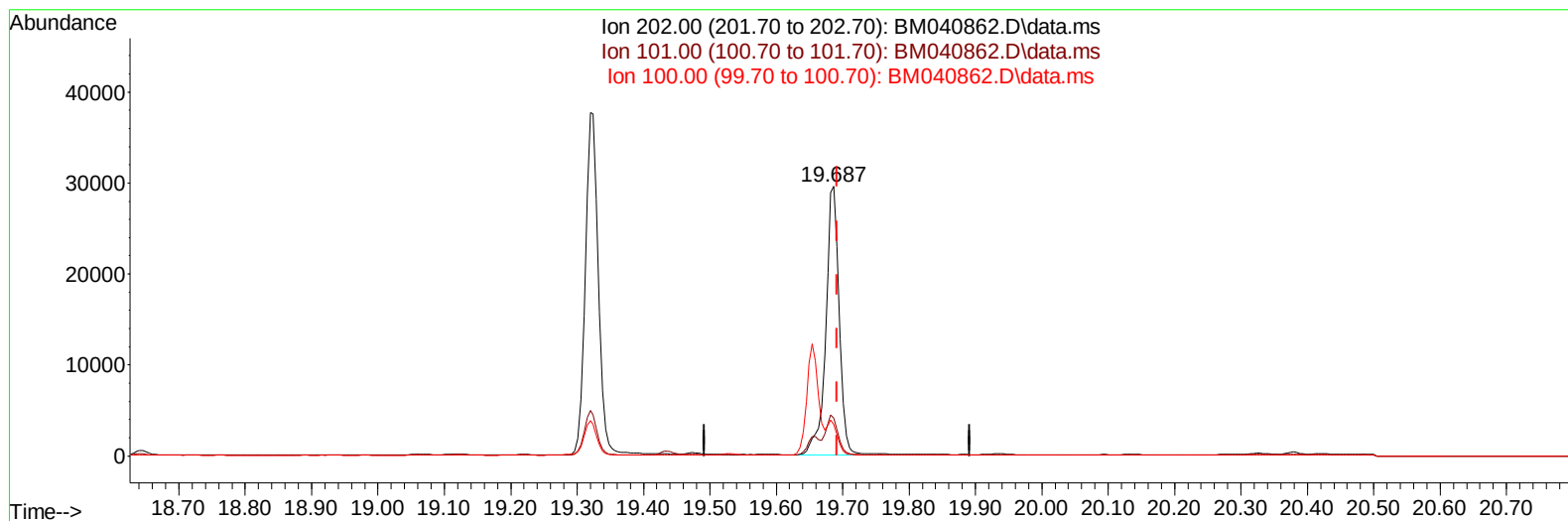
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040862.D
Acq On : 13 Jul 2023 23:03
Operator : MA/JU
Sample : 03418-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040862.D\data.ms

(20) Pyrene

19.687min (-0.005) 0.92 ng/uL

response 41644

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	14.16
100.00	12.20	11.79
0.00	0.00	0.00

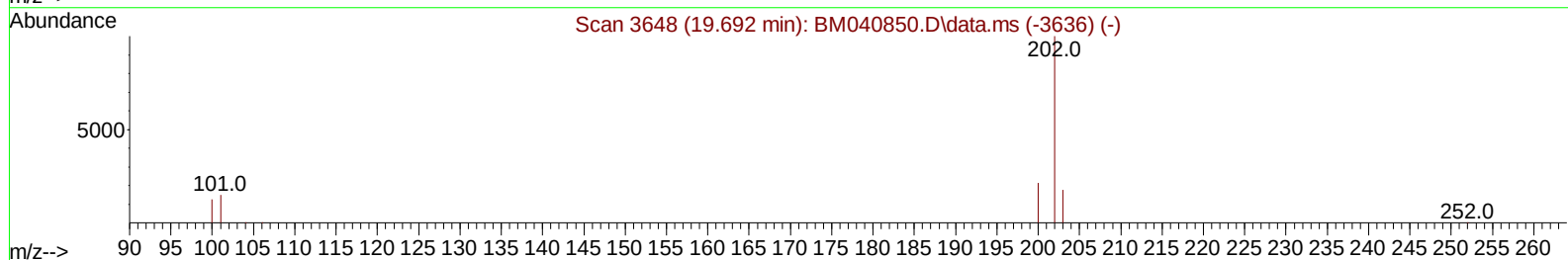
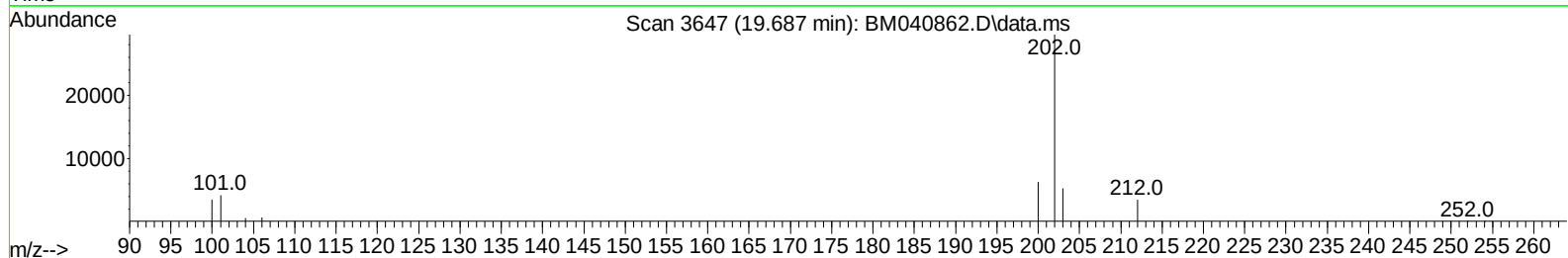
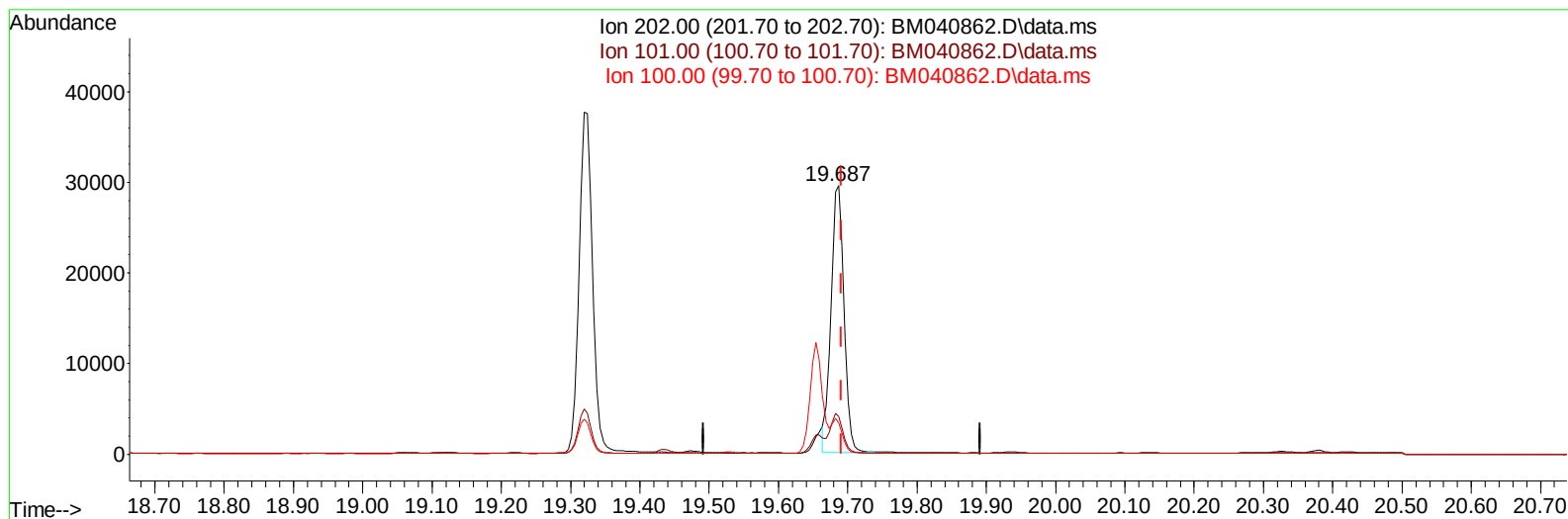
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040862.D
Acq On : 13 Jul 2023 23:03
Operator : MA/JU
Sample : 03418-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040862.D\data.ms

(20) Pyrene

19.687min (-0.005) 0.86 ng/ul m

response 38851

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	14.16
100.00	12.20	11.79
0.00	0.00	0.00

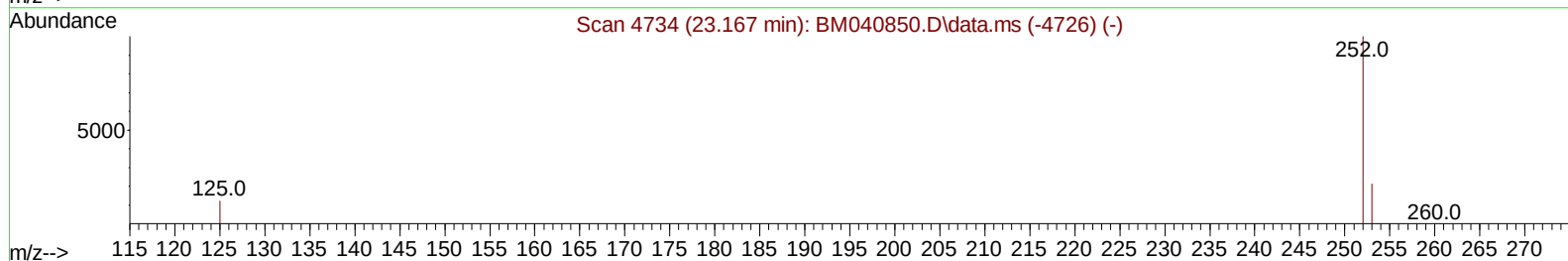
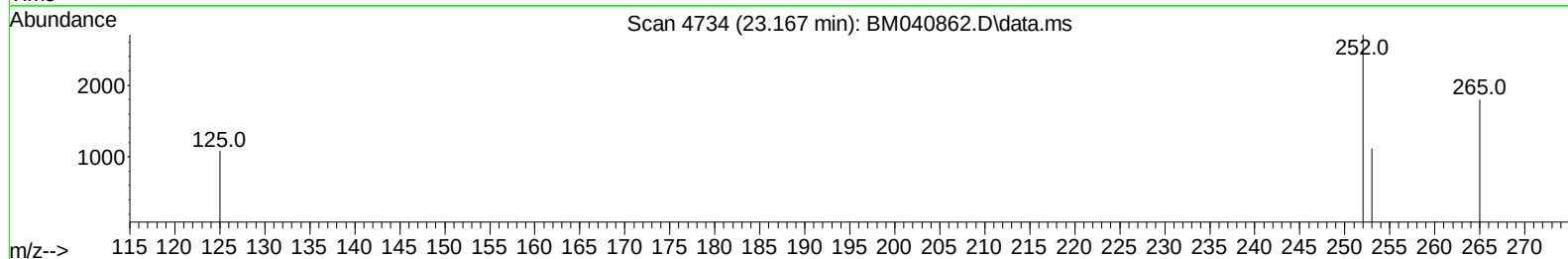
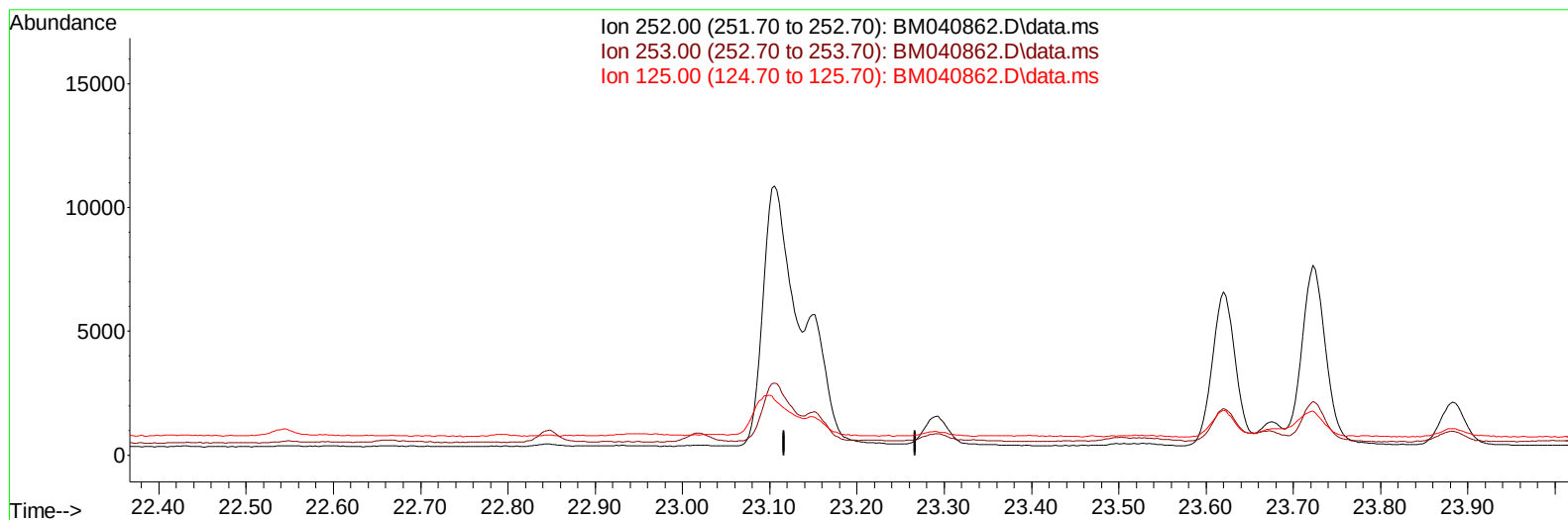
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040862.D
Acq On : 13 Jul 2023 23:03
Operator : MA/JU
Sample : 03418-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040862.D\data.ms

(25) Benzo(k)fluoranthene

23.167min (-23.167) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.50	0.00#
125.00	20.50	0.00#
0.00	0.00	0.00

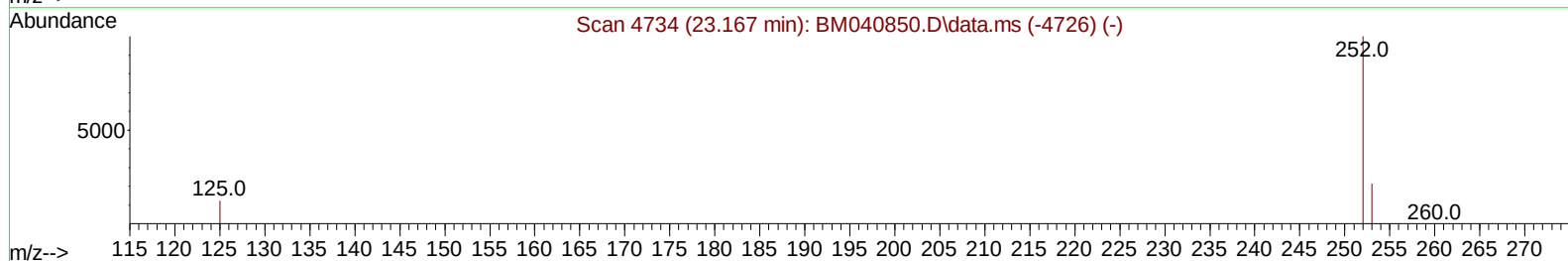
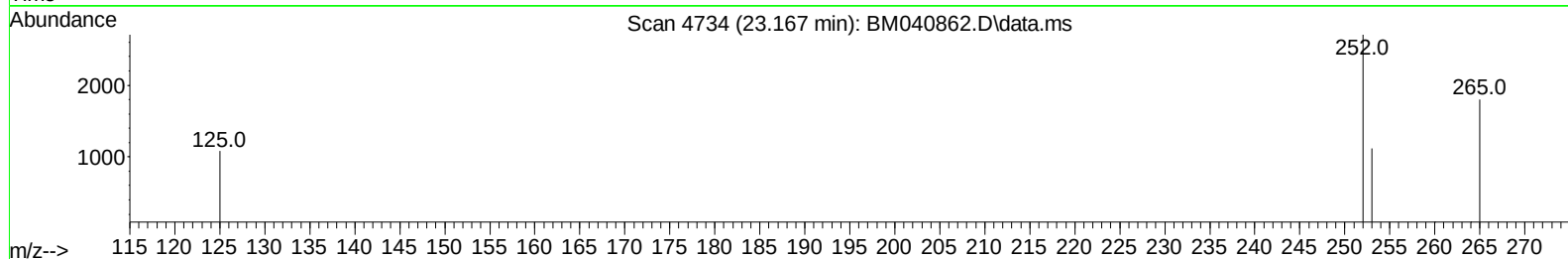
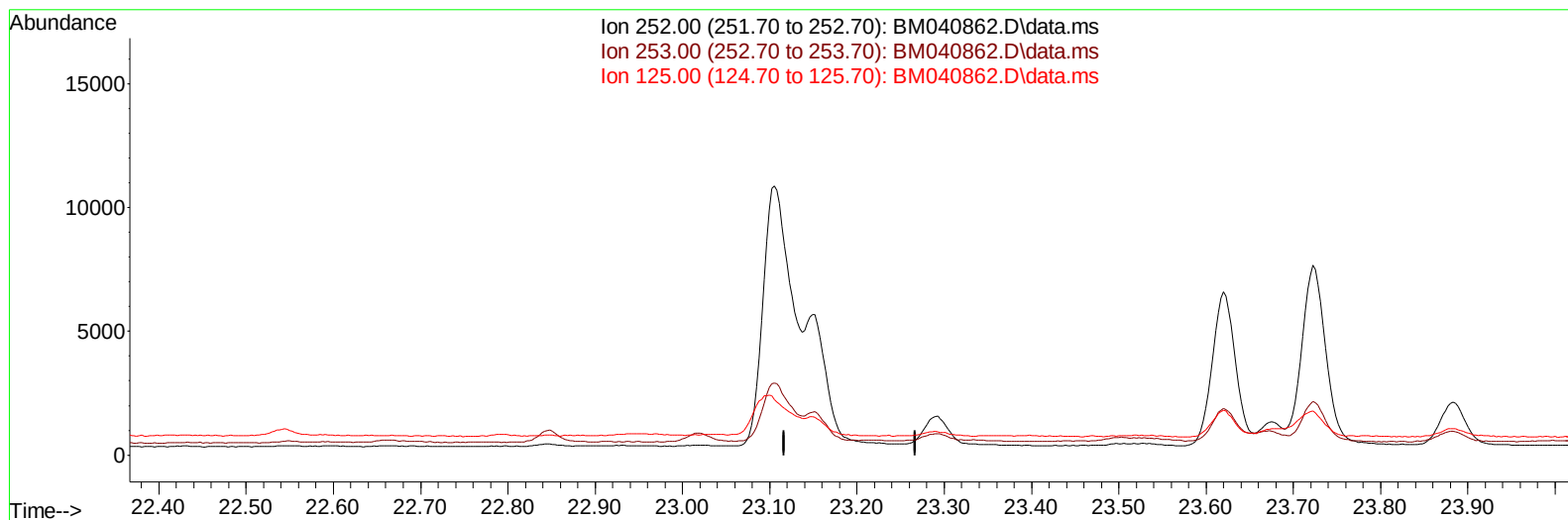
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040862.D
 Acq On : 13 Jul 2023 23:03
 Operator : MA/JU
 Sample : 03418-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040862.D\data.ms

(25) Benzo(k)fluoranthene

23.167min (-23.167) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.50	0.00#
125.00	20.50	0.00#
0.00	0.00	0.00

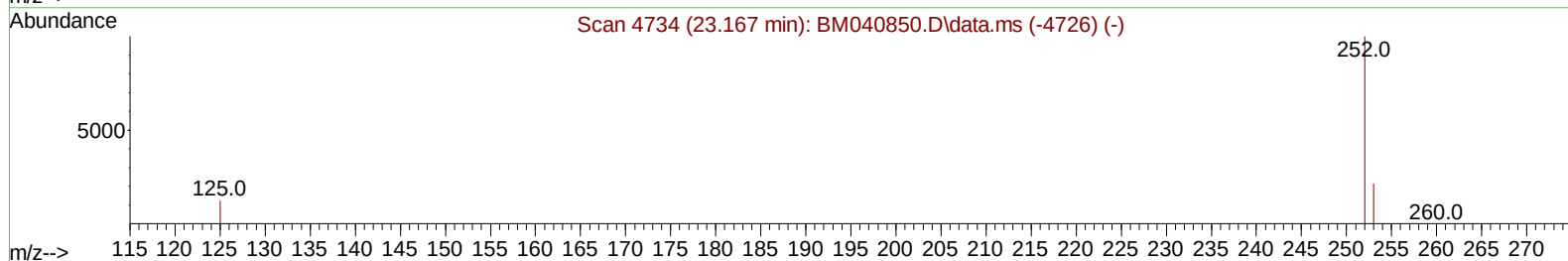
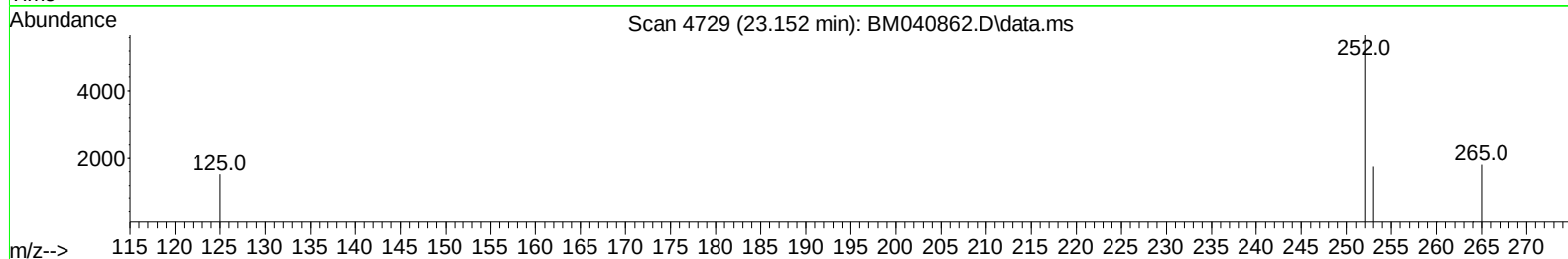
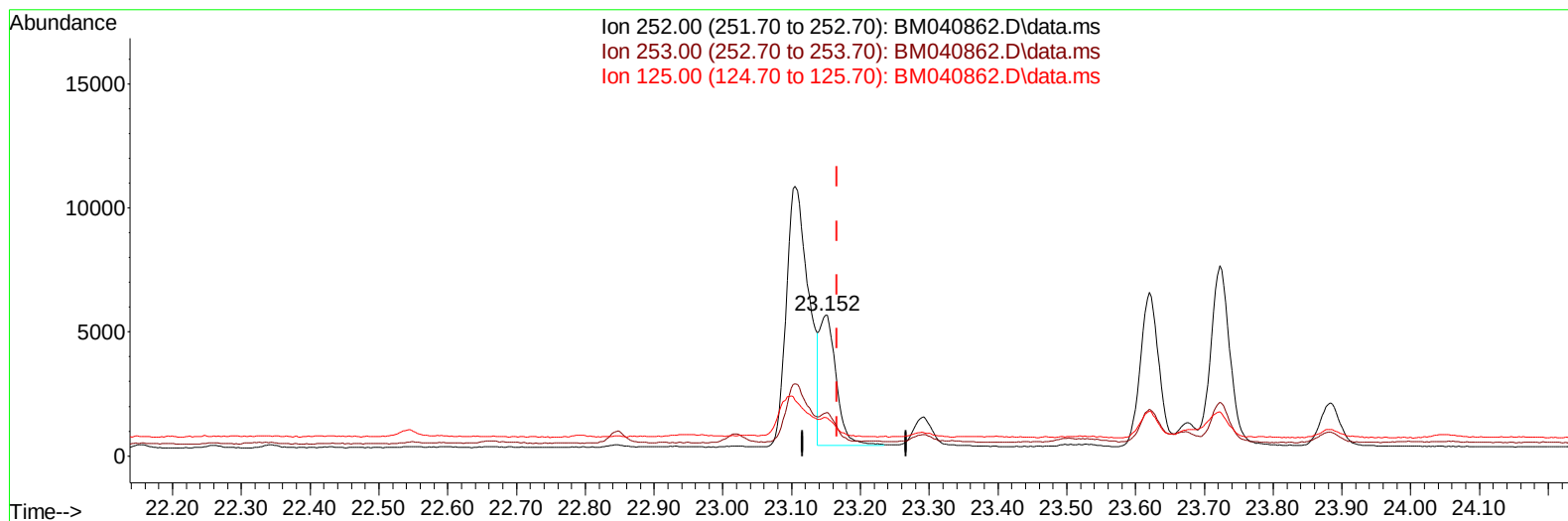
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040862.D
 Acq On : 13 Jul 2023 23:03
 Operator : MA/JU
 Sample : 03418-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040862.D\data.ms

(25) Benzo(k)fluoranthene

23.152min (-0.015) 0.23 ng/ul m

response 8836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.87
125.00	20.50	26.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040862.D
 Acq On : 13 Jul 2023 23:03
 Operator : MA/JU
 Sample : 03418-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	5640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	20403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	9229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	17214	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9950	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	10175	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	16882	1.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	4026	0.141	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5726	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1791	0.032	ng/ul#	85
11) Acenaphthene	14.573	153	1410	0.040	ng/ul	98
12) Fluorene	15.563	166	1641	0.044	ng/ul#	98
15) Phenanthrene	17.303	178	27036	0.506	ng/ul	99
16) Anthracene	17.392	178	4830	0.107	ng/ul	95
19) Fluoranthene	19.320	202	51765	1.225	ng/ul	98
20) Pyrene	19.687	202	38851m	0.857	ng/ul	
21) Benzo(a)anthracene	21.433	228	15479	0.460	ng/ul	97
22) Chrysene	21.486	228	19750	0.514	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	23921	0.607	ng/ul	99
25) Benzo(k)fluoranthene	23.152	252	8836m	0.228	ng/ul	
26) Benzo(a)pyrene	23.722	252	14014	0.395	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	11789	0.239	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.300	278	2628	0.068	ng/ul#	64
29) Benzo(g,h,i)perylene	27.048	276	11839	0.273	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040862.D
Acq On : 13 Jul 2023 23:03
Operator : MA/JU
Sample : 03418-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J1

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

