

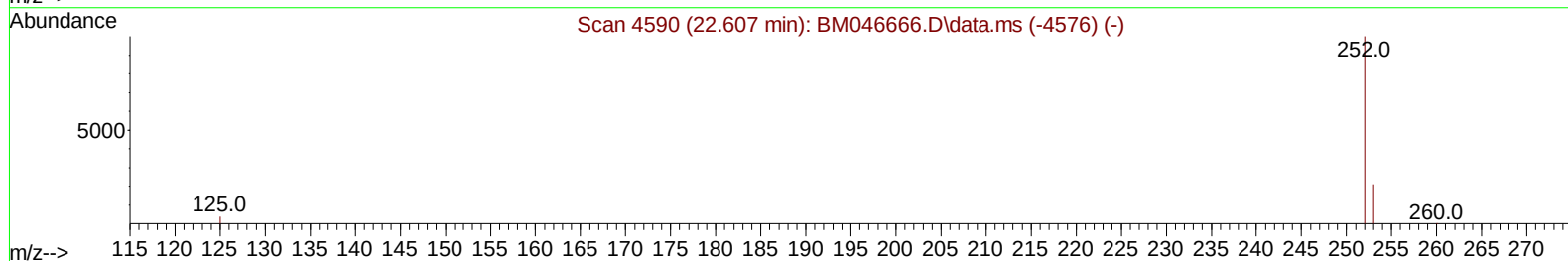
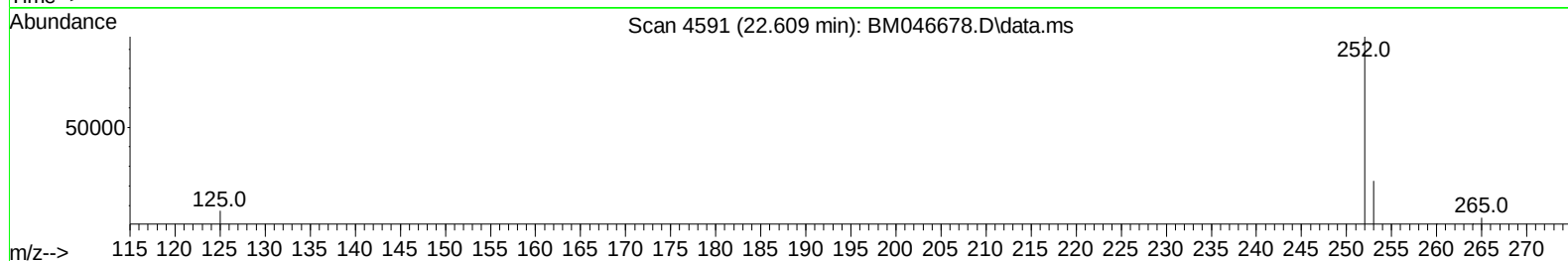
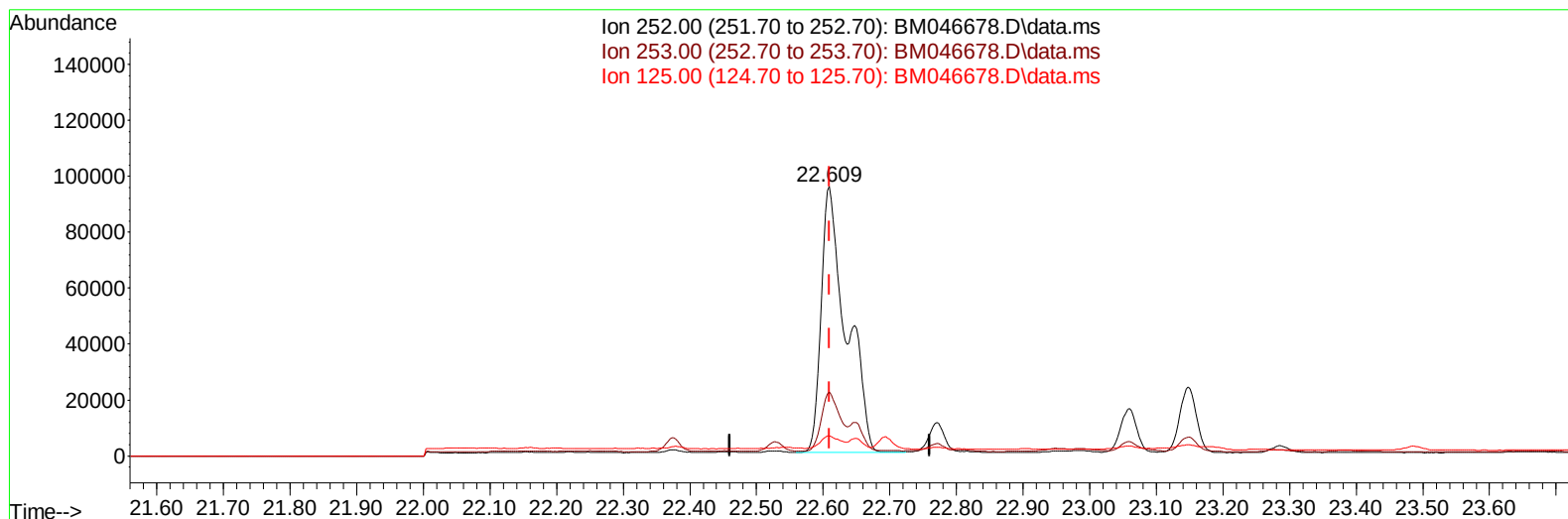
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046678.D\data.ms

(24) Benzo(b)fluoranthene

22.609min (-0.001) 6.25 ng/u1

response 247736

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.63
125.00	8.90	7.48
0.00	0.00	0.00

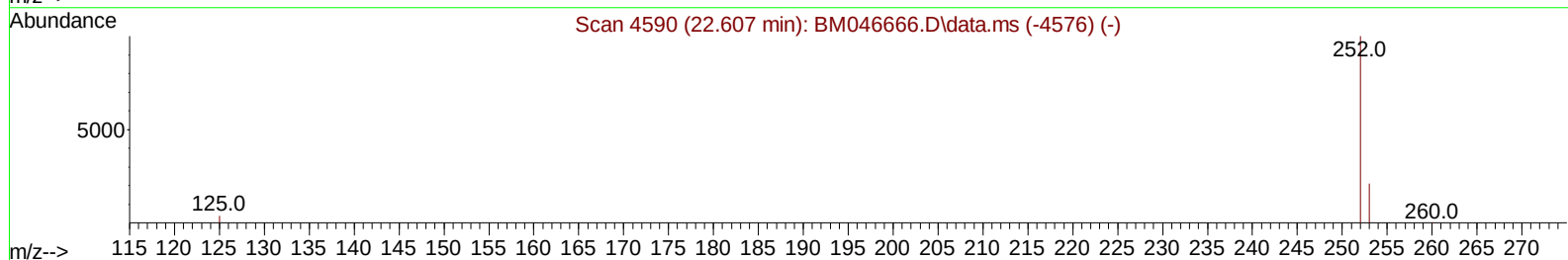
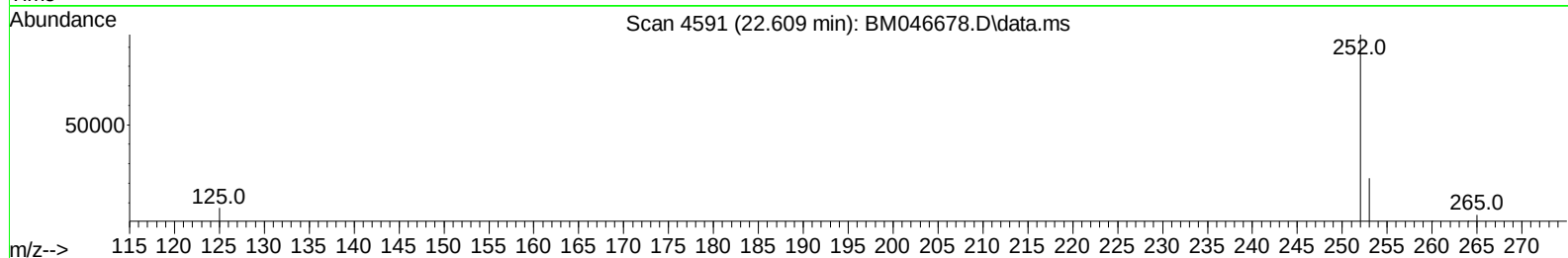
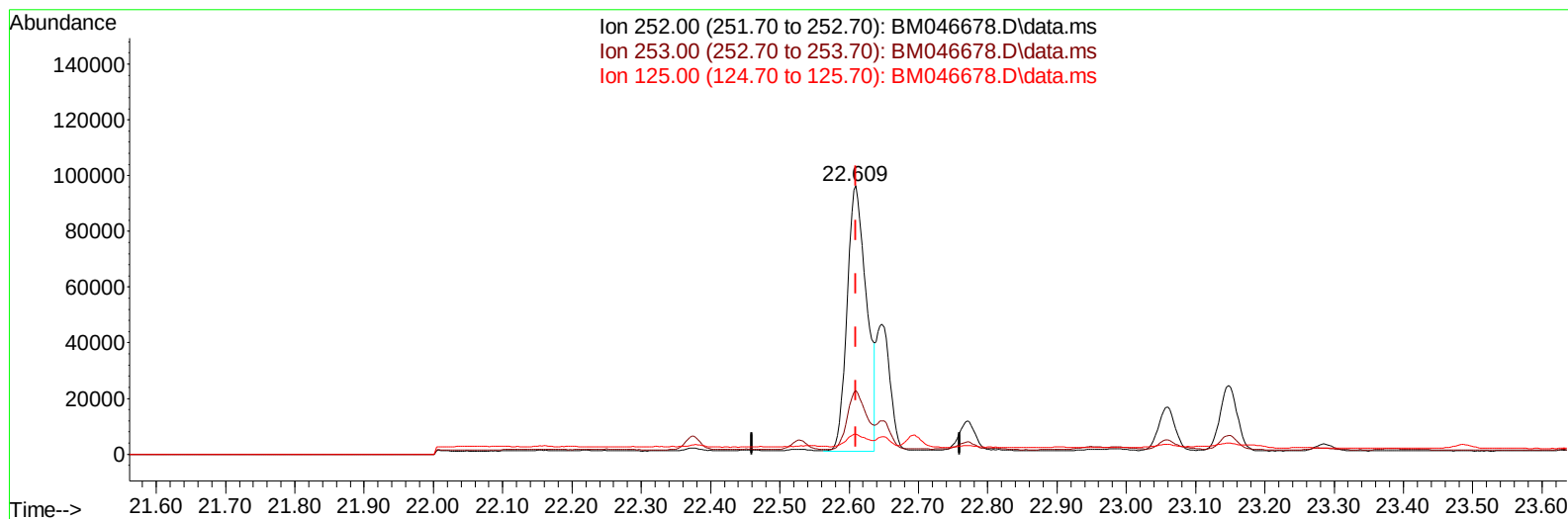
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046678.D\data.ms

(24) Benzo(b)fluoranthene

22.609min (-0.001) 4.65 ng/ul m

response 184455

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.63
125.00	8.90	7.48
0.00	0.00	0.00

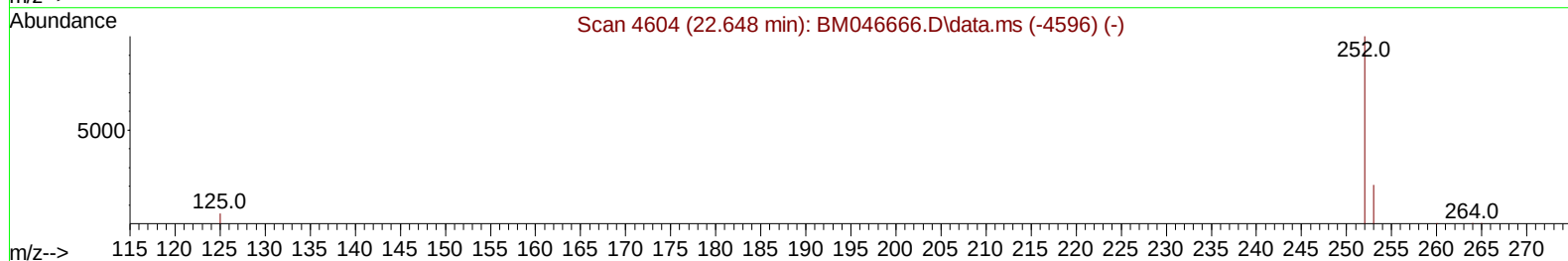
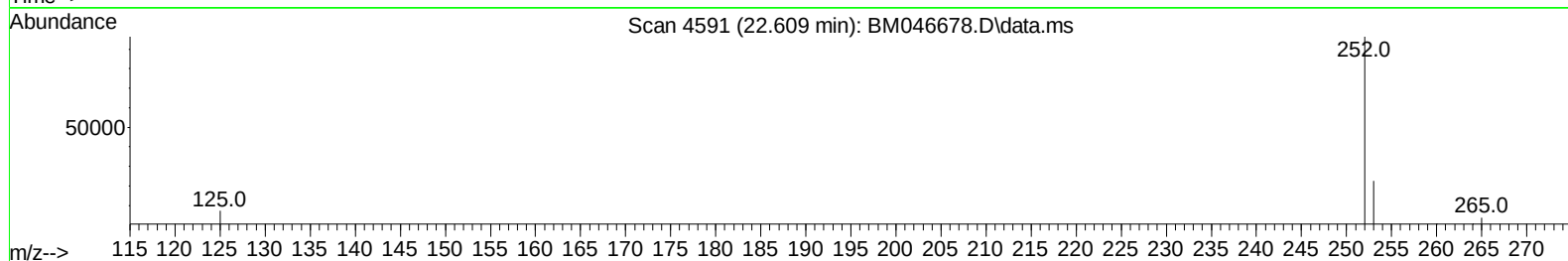
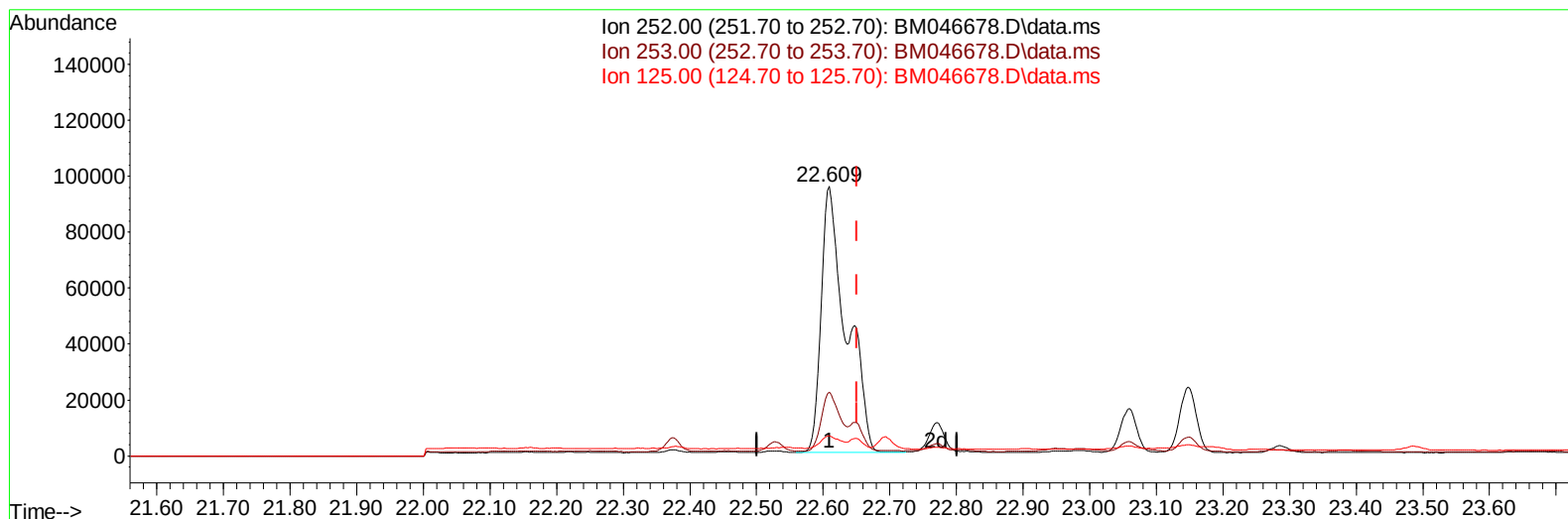
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046678.D\data.ms

(25) Benzo(k)fluoranthene

22.609min (-0.041) 6.37 ng/u1

response 247736

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.63
125.00	8.70	7.48
0.00	0.00	0.00

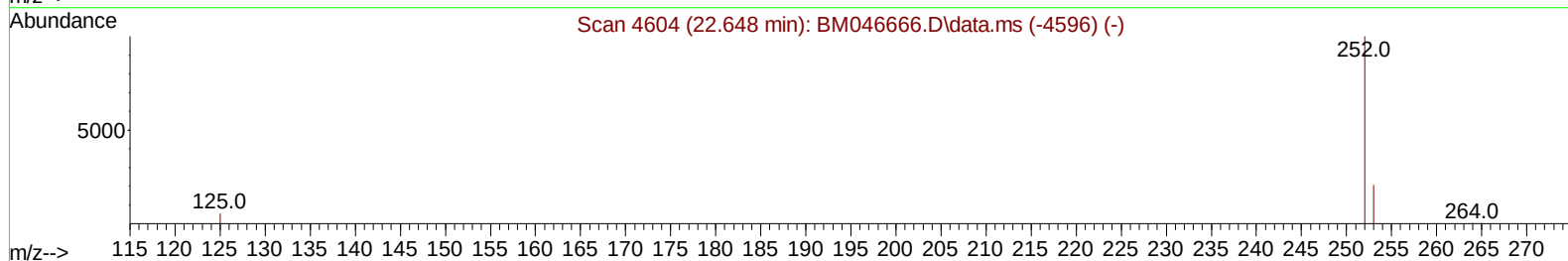
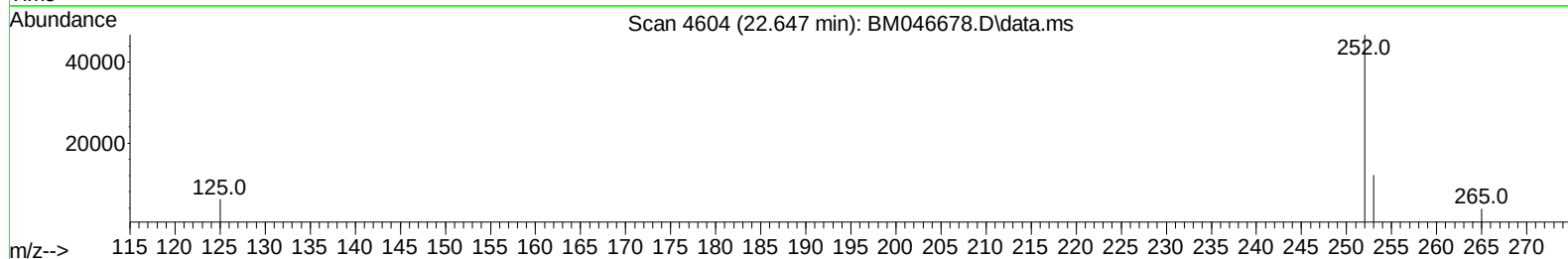
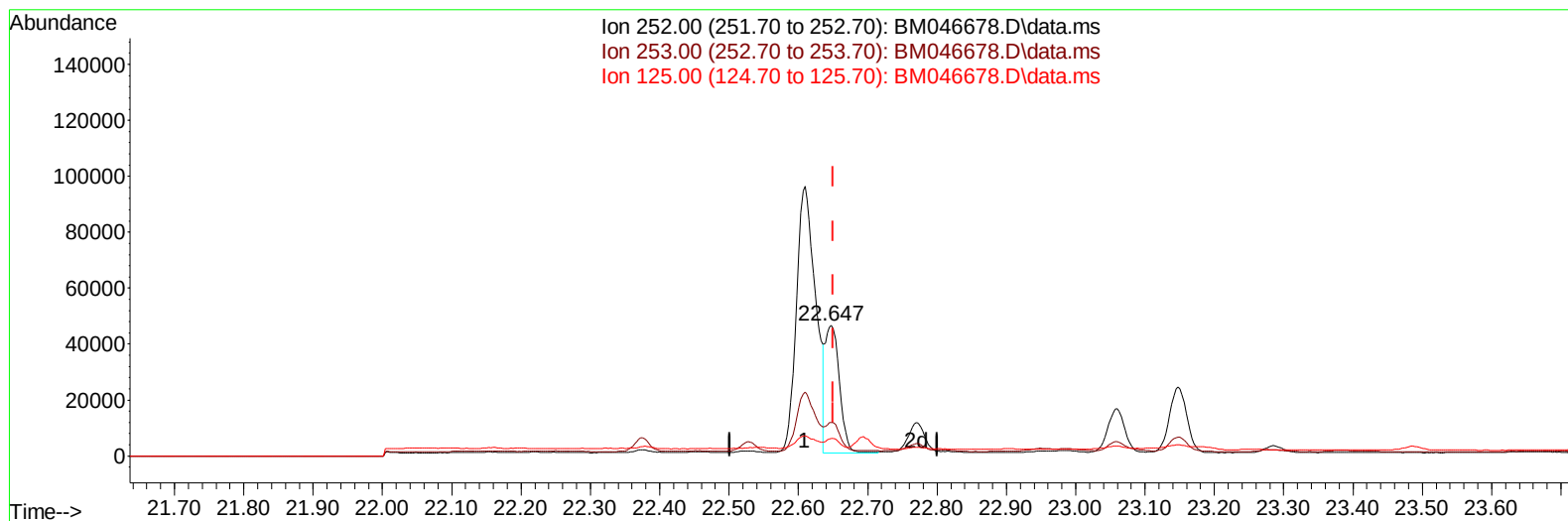
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046678.D\data.ms

(25) Benzo(k)fluoranthene

22.647min (-0.003) 1.67 ng/ul m

response 64914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.79
125.00	8.70	13.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046678.D
 Acq On : 17 Jul 2024 20:07
 Operator : MA/JU
 Sample : P3177-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 23:02:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3116	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.254	136	8744	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5827	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	12698	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.102	240	8363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	9925	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	718	0.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	403	0.029	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	803	0.032	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.304	128	2572	0.116	ng/ul	95
7) 2-Methylnaphthalene	11.932	142	1221	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.152	142	882	0.055	ng/ul	99
10) Acenaphthylene	13.854	152	10893	0.411	ng/ul	98
11) Acenaphthene	14.201	153	2930	0.165	ng/ul	98
12) Fluorene	15.196	166	3994	0.182	ng/ul	94
14) Pentachlorophenol	16.554	266	166	0.026	ng/ul	90
15) Phenanthrene	16.934	178	95662	2.640	ng/ul	98
16) Anthracene	17.023	178	20250	0.573	ng/ul	100
19) Fluoranthene	18.965	202	257048	7.483	ng/ul	99
20) Pyrene	19.327	202	139389	3.748	ng/ul	99
21) Benzo(a)anthracene	21.087	228	93439	2.526	ng/ul	96
22) Chrysene	21.137	228	122889	3.433	ng/ul	98
24) Benzo(b)fluoranthene	22.609	252	184455m	4.653	ng/ul	
25) Benzo(k)fluoranthene	22.647	252	64914m	1.668	ng/ul	
26) Benzo(a)pyrene	23.147	252	41223	1.263	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.359	276	55837	1.125	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.369	278	22110	0.562	ng/ul#	85
29) Benzo(g,h,i)perylene	26.007	276	7963	0.201	ng/ul#	66

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

