

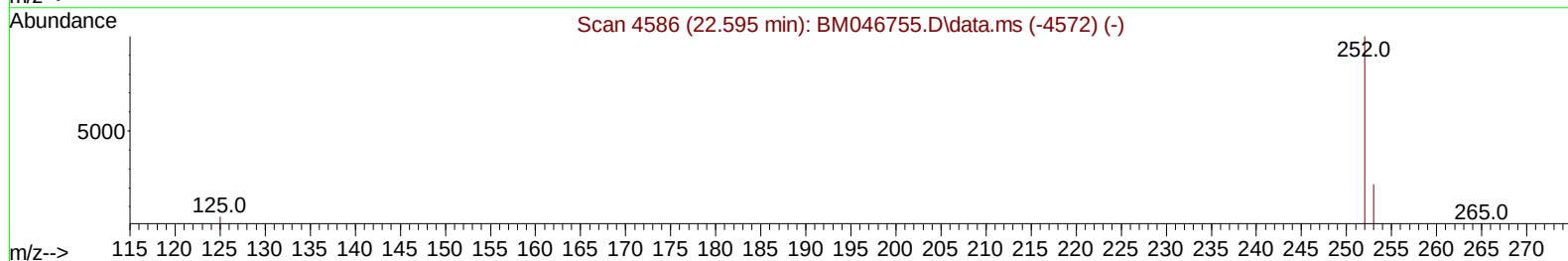
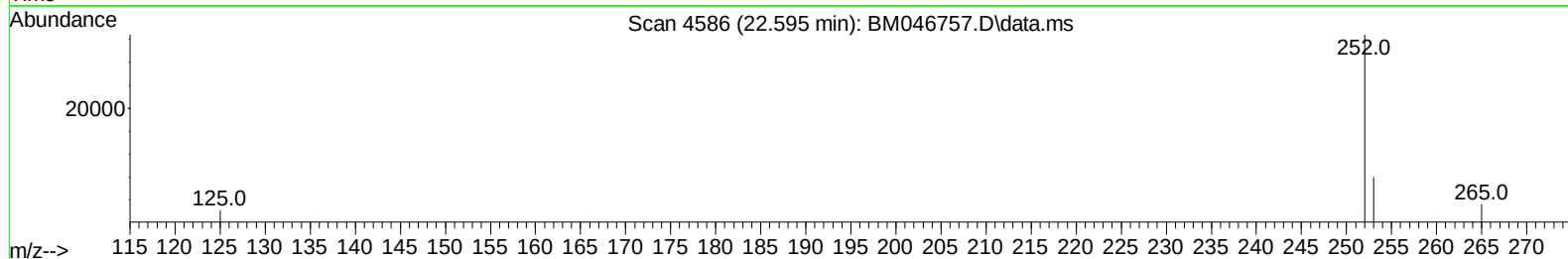
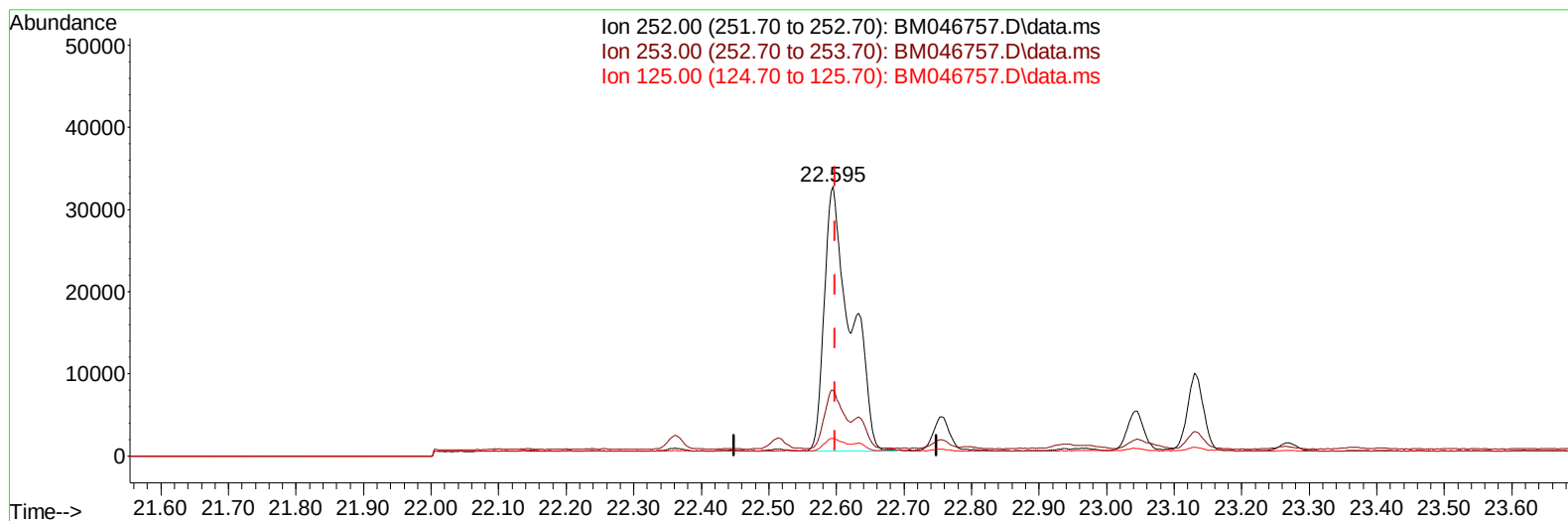
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046757.D
Acq On : 22 Jul 2024 18:26
Operator : MA/JU
Sample : P3201-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046757.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 2.26 ng/uL

response 87299

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	24.41
125.00	8.90	6.55
0.00	0.00	0.00

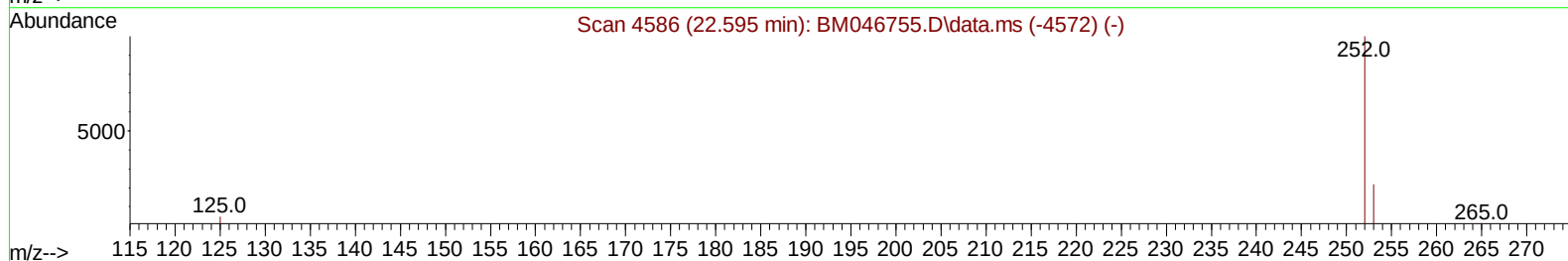
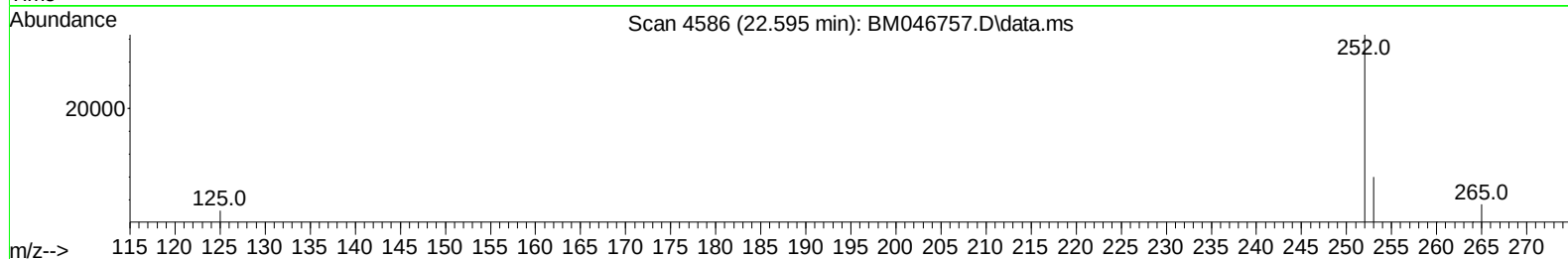
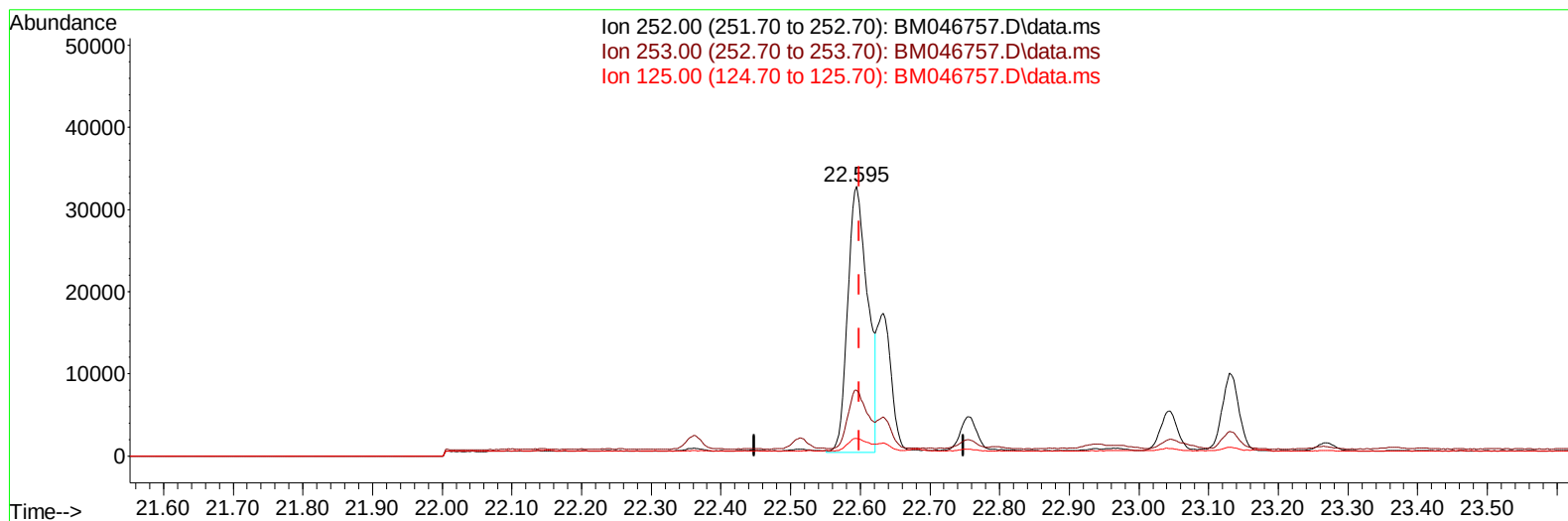
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046757.D
Acq On : 22 Jul 2024 18:26
Operator : MA/JU
Sample : P3201-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046757.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 1.67 ng/ul m

response 64732

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	24.41
125.00	8.90	6.55
0.00	0.00	0.00

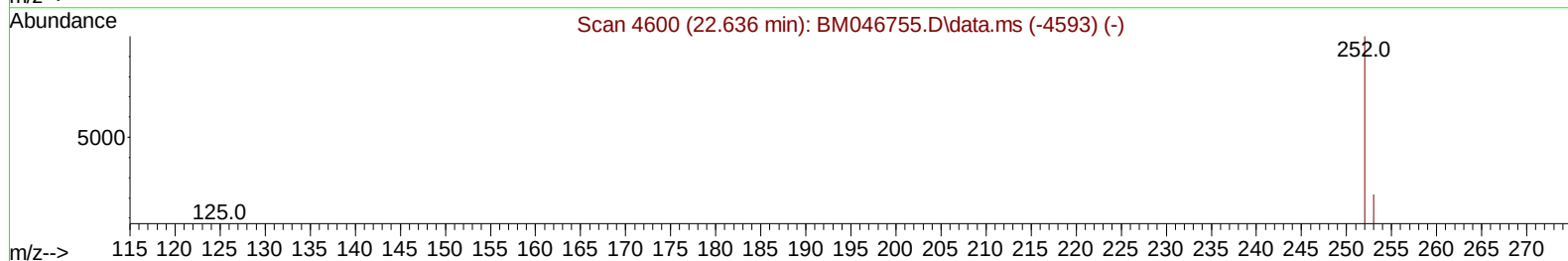
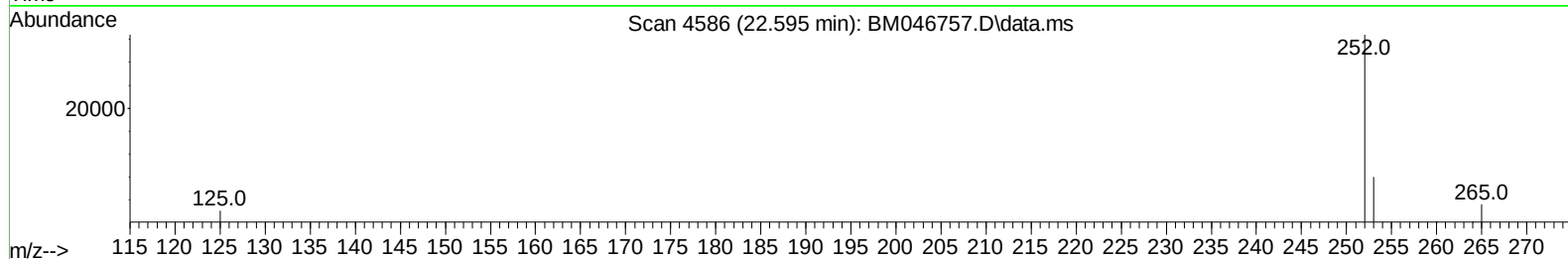
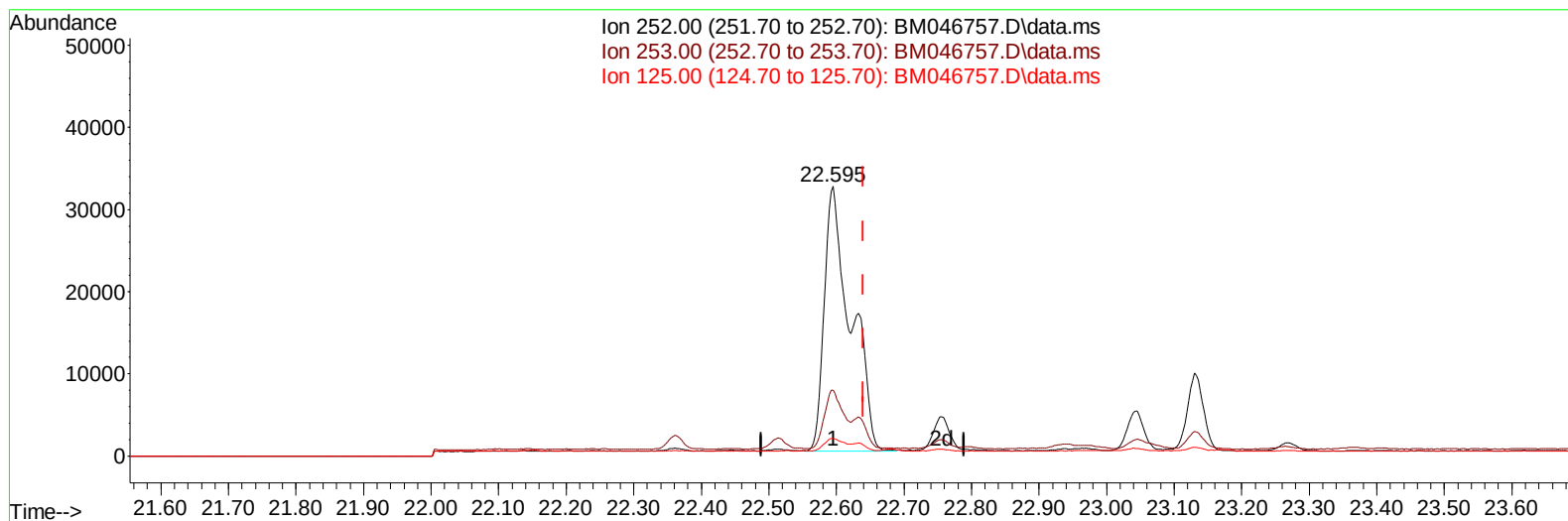
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046757.D
Acq On : 22 Jul 2024 18:26
Operator : MA/JU
Sample : P3201-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046757.D\data.ms

(25) Benzo(k)fluoranthene

22.595min (-0.044) 2.30 ng/u1

response 87299

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.41
125.00	8.70	6.55#
0.00	0.00	0.00

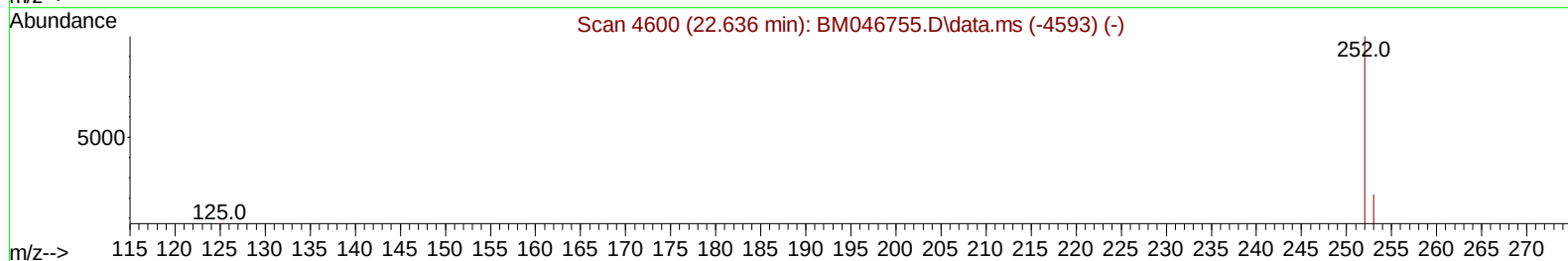
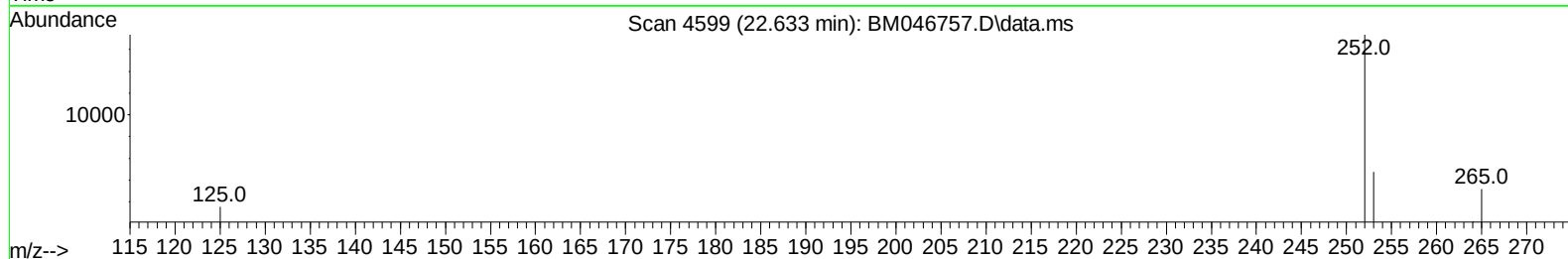
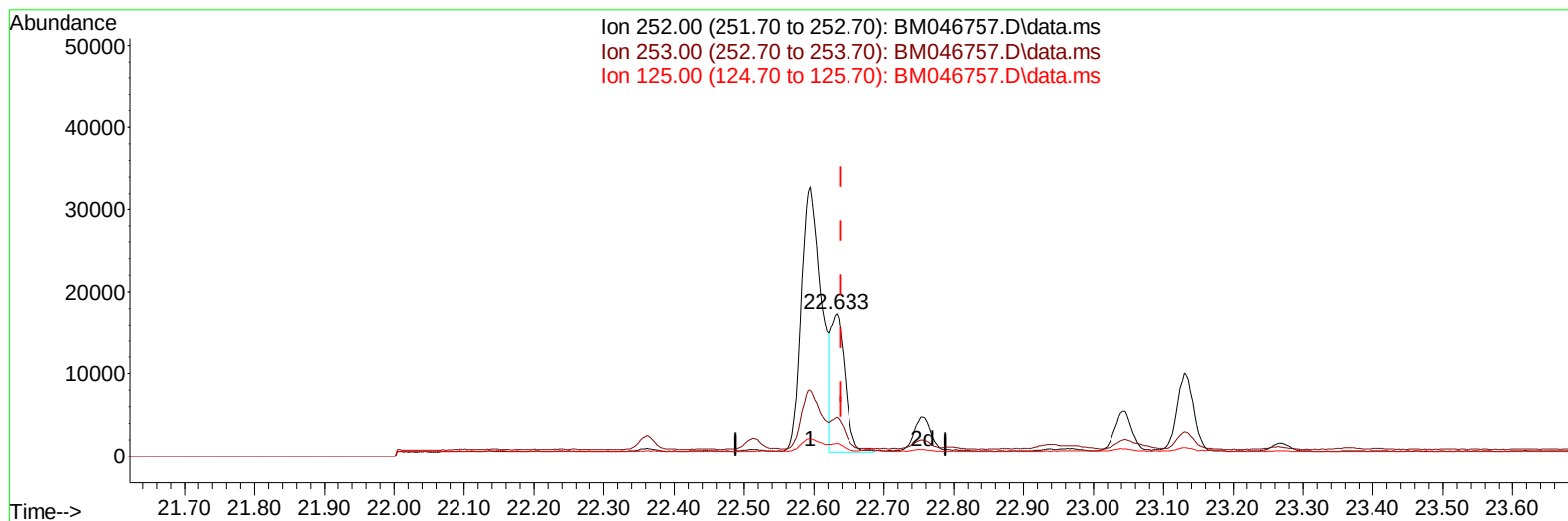
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046757.D
Acq On : 22 Jul 2024 18:26
Operator : MA/JU
Sample : P3201-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BY7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046757.D\data.ms

(25) Benzo(k)fluoranthene

22.633min (-0.006) 0.62 ng/ul m

response 23514

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	27.26
125.00	8.70	8.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046757.D
 Acq On : 22 Jul 2024 18:26
 Operator : MA/JU
 Sample : P3201-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	4831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	11658	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.127	164	4442	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	9113	0.400	ng/ul	0.00
17) Chrysene-d12	21.090	240	8453	0.400	ng/ul	0.00
23) Perylene-d12	23.224	264	9679	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1431	0.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	505	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	1104	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	1963	0.066	ng/ul#	93
7) 2-Methylnaphthalene	11.915	142	491	0.024	ng/ul	99
10) Acenaphthylene	13.845	152	2601	0.129	ng/ul	97
11) Acenaphthene	14.188	153	1565	0.116	ng/ul	98
12) Fluorene	15.187	166	2037	0.122	ng/ul	96
15) Phenanthrene	16.922	178	41608	1.600	ng/ul	98
16) Anthracene	17.015	178	8028	0.316	ng/ul	99
19) Fluoranthene	18.951	202	89927	2.590	ng/ul	99
20) Pyrene	19.314	202	49575	1.319	ng/ul	99
21) Benzo(a)anthracene	21.076	228	40857	1.093	ng/ul	99
22) Chrysene	21.125	228	44177	1.221	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	64732m	1.674	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	23514m	0.620	ng/ul	
26) Benzo(a)pyrene	23.130	252	15902	0.500	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.333	276	18682	0.386	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	8239	0.215	ng/ul#	83
29) Benzo(g,h,i)perylene	25.977	276	2998	0.078	ng/ul#	68

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046757.D
Acq On : 22 Jul 2024 18:26
Operator : MA/JU
Sample : P3201-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 3

Instrument :
BNA_M
ClientSampleId :
A4BY7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:56:12 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

