Quantitation Report (Qedit)

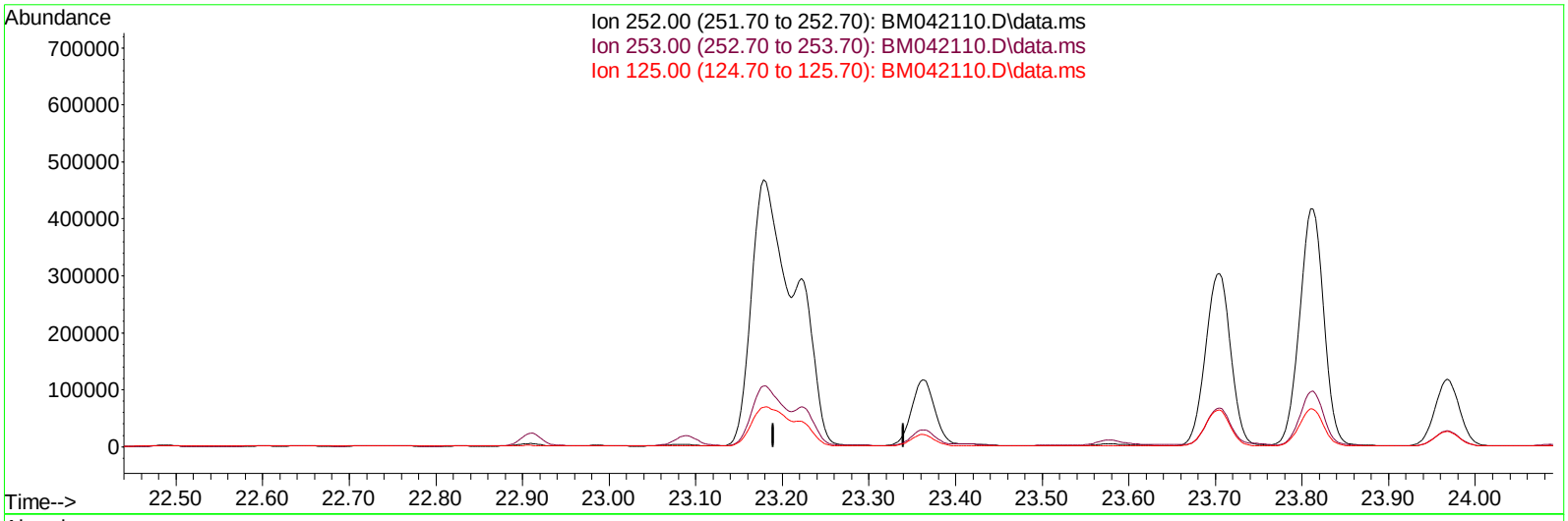
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042110.D
Acq On : 28 Sep 2023 12:23
Operator : MA/JU
Sample : 04417-35
Misc :
ALS Vial : 8 Sample Multiplier: 1

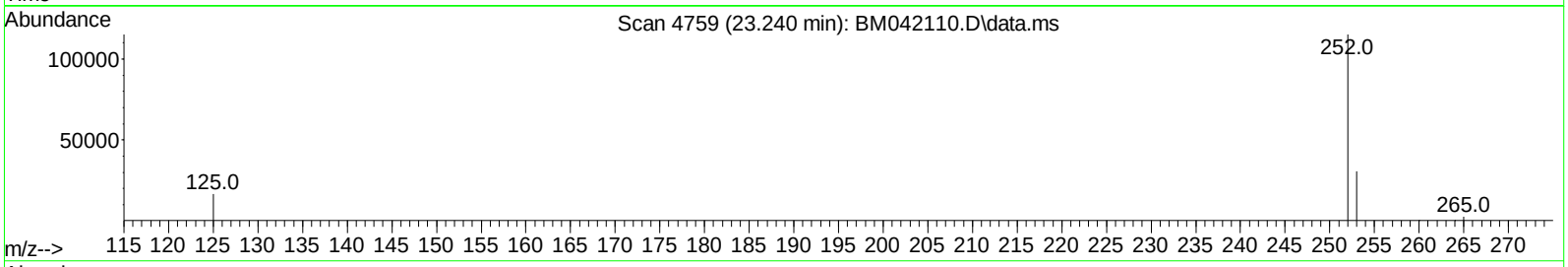
Quant Time: Sep 28 15:58:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

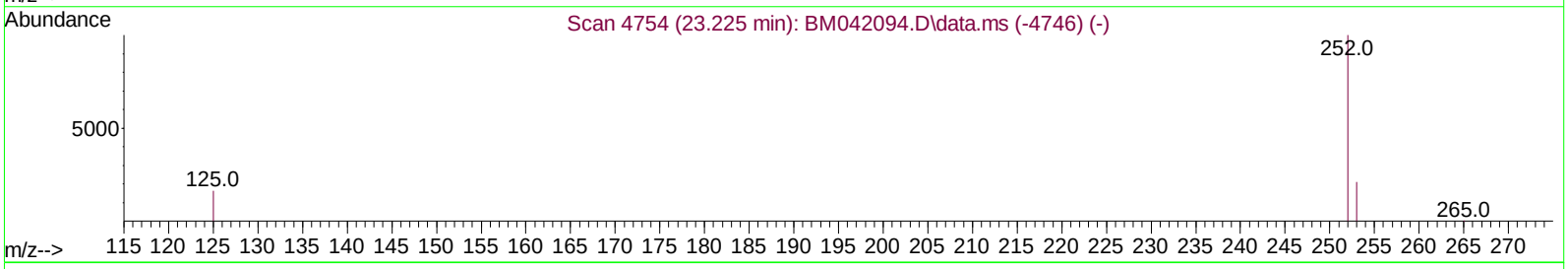
Instrument :
BNA_M
ClientSampleId :
EZYN4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023







TIC: BM042110.D\data.ms

(25) Benzo(k)fluoranthene

23.240min (-23.240) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.30	0.00#
125.00	23.80	0.00#
0.00	0.00	0.00

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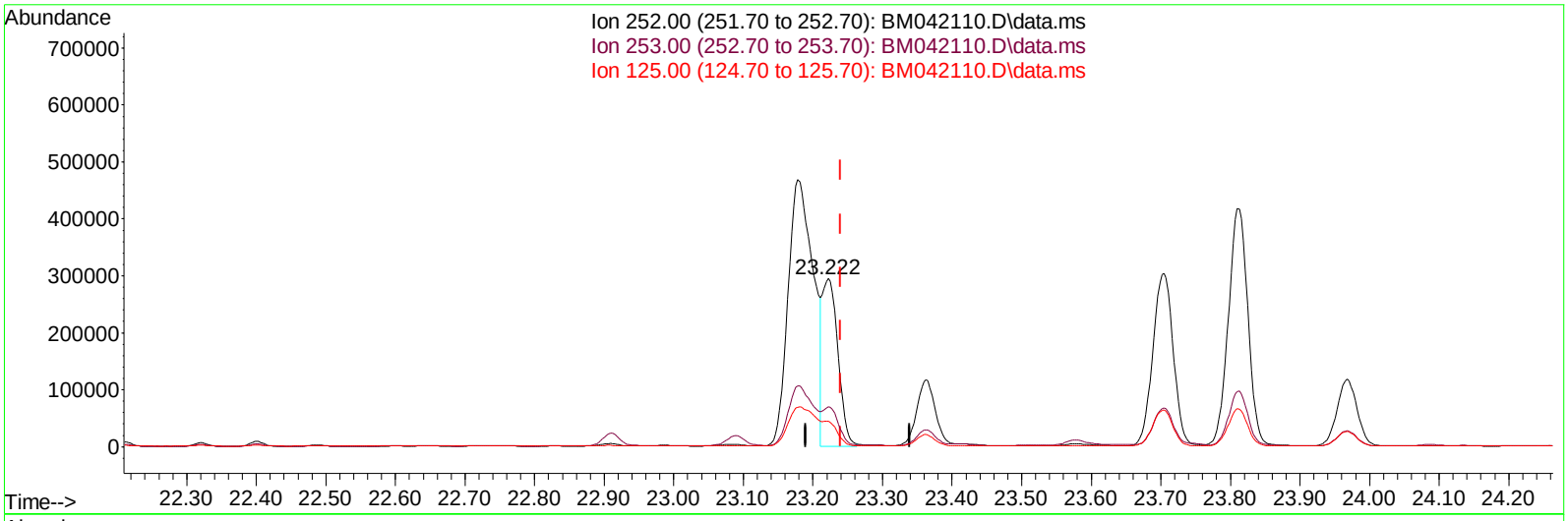

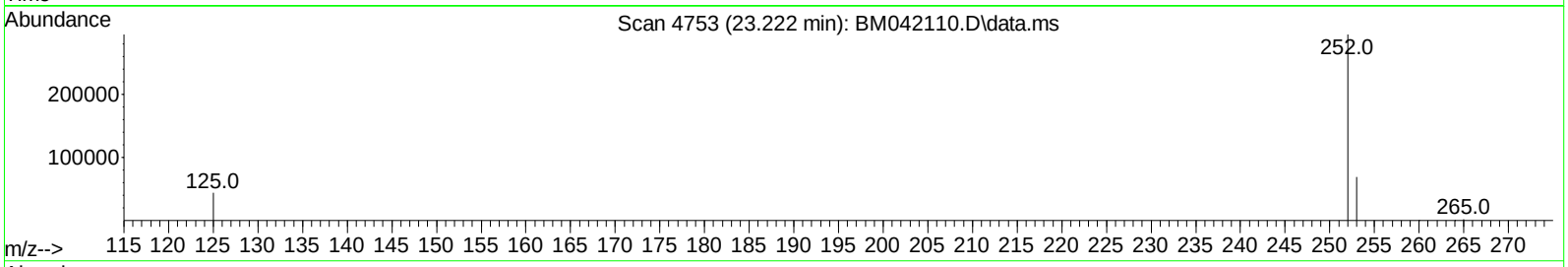

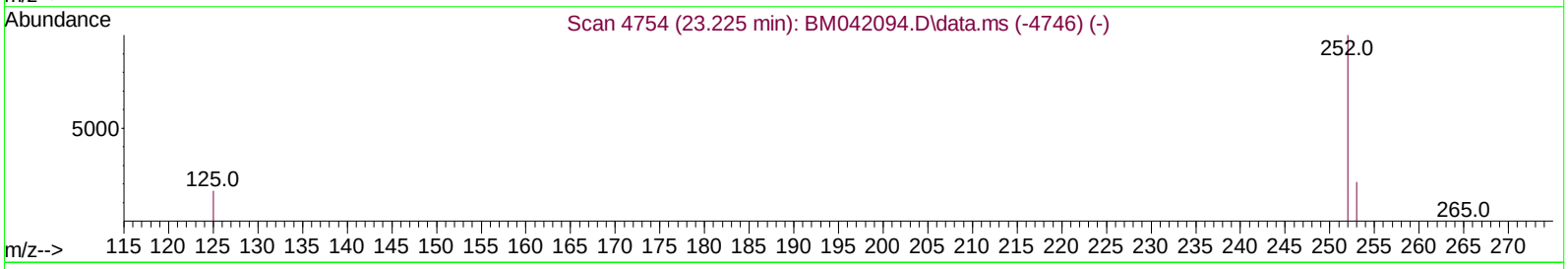

TIC: BM042110.D\data.ms

(25) Benzo(k)fluoranthene

23.222min (-0.018) 8.31 ng/ul m

response 456512

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	23.62
125.00	23.80	15.11#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2800	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	7747	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.583	164	4026	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.337	188	8811	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.512	240	5682	0.400	ng/ul	-0.01
23) Perylene-d12	23.915	264	7336	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	7735	2.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2486	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	4664	0.199	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.801	128	251974	9.709	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	270127	17.461	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	132948	8.465	ng/ul	99
10) Acenaphthylene	14.310	152	112081	4.154	ng/ul#	97
11) Acenaphthene	14.657	153	12009	0.581	ng/ul#	53
12) Fluorene	15.651	166	8457	0.363	ng/ul#	1
15) Phenanthrene	17.379	178	470877	11.523	ng/ul	100
16) Anthracene	17.472	178	152319	4.314	ng/ul	99
19) Fluoranthene	19.394	202	1549753	24.131	ng/ul	97
20) Pyrene	19.761	202	1336035	21.160	ng/ul	95
21) Benzo(a)anthracene	21.495	228	847484	19.670	ng/ul	98
22) Chrysene	21.550	228	772450	17.355	ng/ul	97
24) Benzo(b)fluoranthene	23.178	252	1136098	20.120	ng/ul	88
25) Benzo(k)fluoranthene	23.222	252	456512m	8.315	ng/ul	
26) Benzo(a)pyrene	23.810	252	815182	17.562	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.397	276	626831	9.832	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.407	278	157728	3.425	ng/ul	93
29) Benzo(g,h,i)perylene	27.176	276	503346	9.388	ng/ul	93

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

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