Quantitation Report (Qedit)

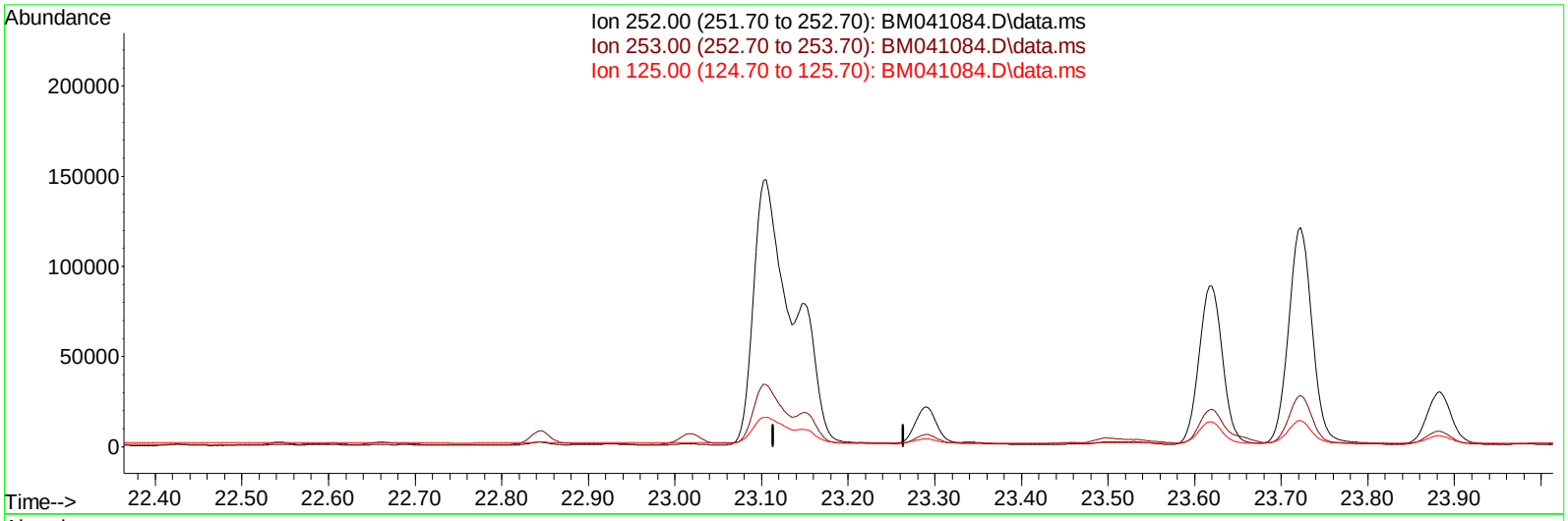
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041084.D
Acq On : 24 Jul 2023 20:42
Operator : MA/JU
Sample : 03534-23MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

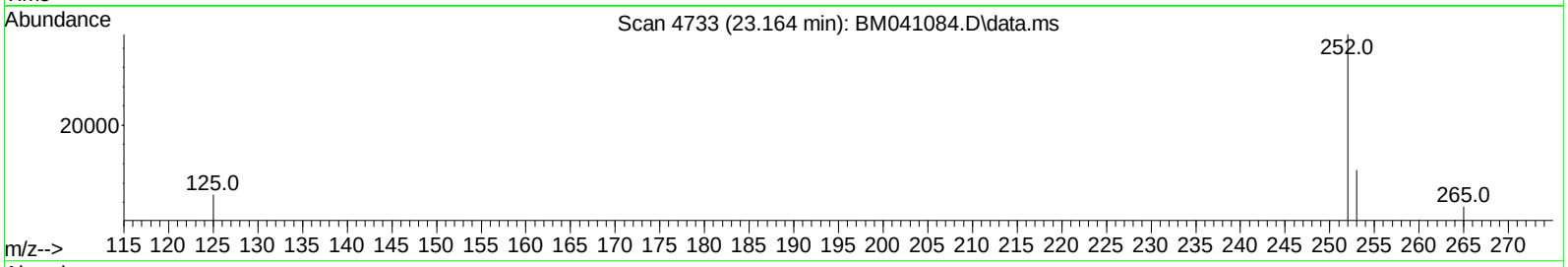
Quant Time: Jul 25 00:30:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

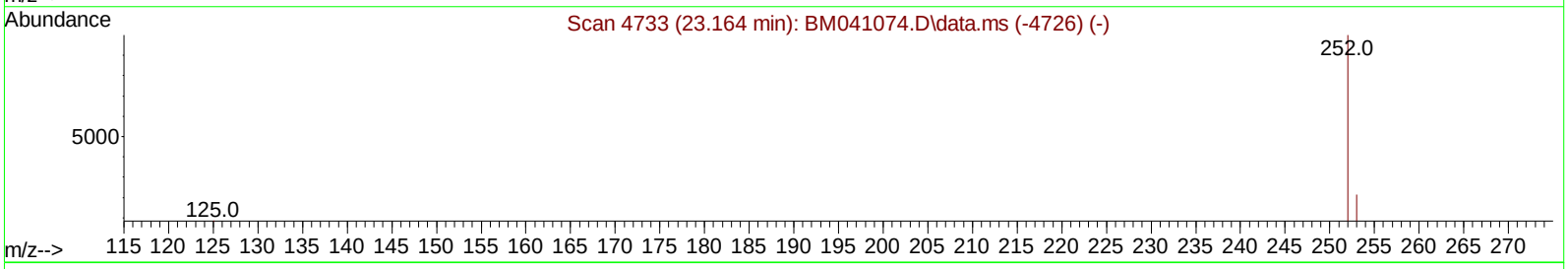
Instrument :
BNA_M
ClientSampleId :
A4737MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023







TIC: BM041084.D\data.ms

(25) Benzo(k)fluoranthene

23.164min (-23.164) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	28.50	0.00#
125.00	16.90	0.00#
0.00	0.00	0.00

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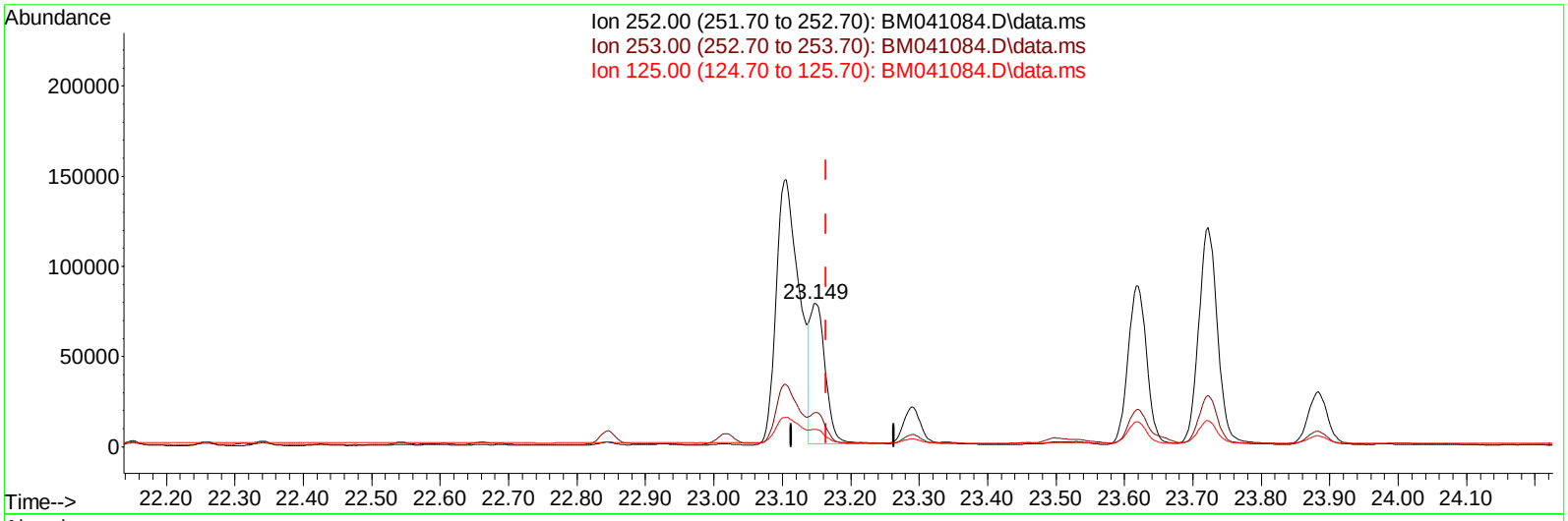

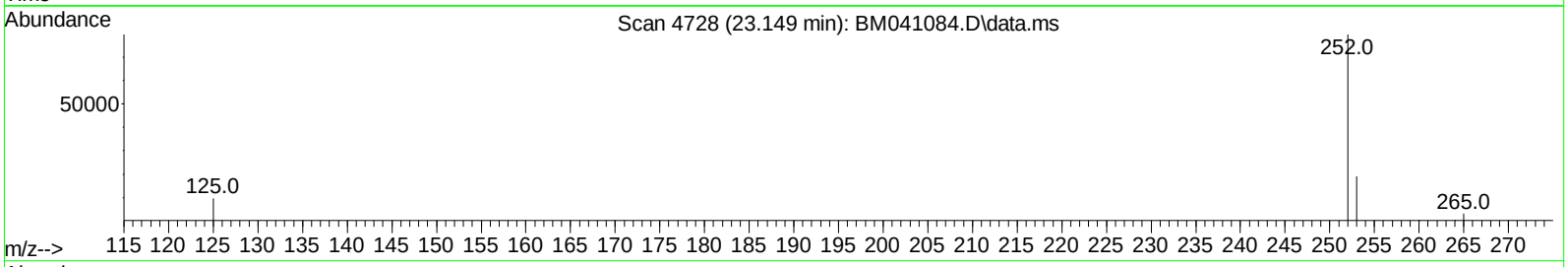

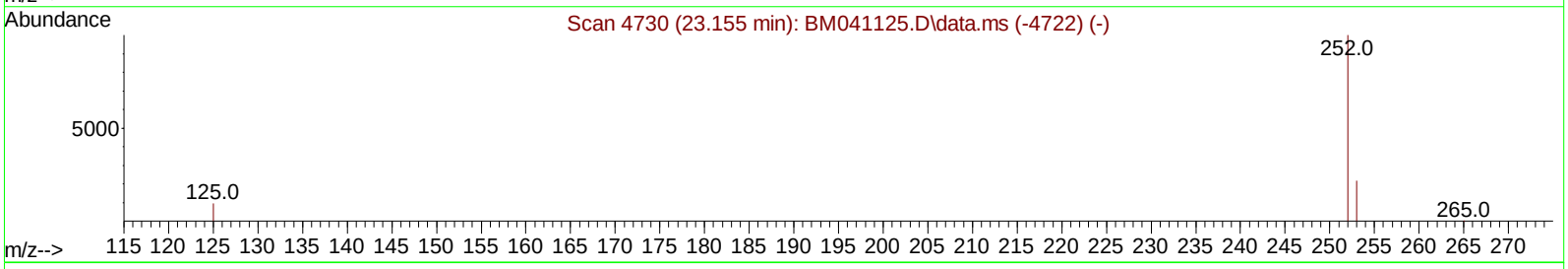

TIC: BM041084.D\data.ms

(25) Benzo(k)fluoranthene

23.149min (-0.014) 2.76 ng/ul m

response 120210

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.50	23.98
125.00	16.90	12.21#
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	7.832	152	2636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	8818	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.490	164	4725	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	13113	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.445	240	8723	0.400	ng/ul	#-0.01
23) Perylene-d12	23.831	264	11453	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1699	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	3519	0.280	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	8275	0.349	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	4674	1.125	ng/ul#	67
5) Naphthalene	10.691	128	30296	1.056	ng/ul	98
7) 2-Methylnaphthalene	12.308	142	14325	1.019	ng/ul	97
8) 1-Methylnaphthalene	12.528	142	12754	0.883	ng/ul	100
10) Acenaphthylene	14.213	152	15899	0.797	ng/ul	98
11) Acenaphthene	14.555	153	40885	2.428	ng/ul	99
12) Fluorene	15.545	166	51934	2.825	ng/ul	100
14) Pentachlorophenol	16.911	266	322	0.084	ng/ul	94
15) Phenanthrene	17.291	178	504094	12.471	ng/ul	98
16) Anthracene	17.384	178	99267	3.033	ng/ul	98
19) Fluoranthene	19.315	202	638388	20.420	ng/ul	96
20) Pyrene	19.678	202	577878	16.764	ng/ul	98
21) Benzo(a)anthracene	21.428	228	279703	9.591	ng/ul	100
22) Chrysene	21.483	228	273069	8.108	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	345270	7.566	ng/ul	89
25) Benzo(k)fluoranthene	23.149	252	120210m	2.759	ng/ul	
26) Benzo(a)pyrene	23.722	252	230169	6.226	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.287	276	172243	3.147	ng/ul	94
28) Dibenzo(a,h)anthracene	26.297	278	50758	1.182	ng/ul	97
29) Benzo(g,h,i)perylene	27.042	276	153226	3.133	ng/ul	96

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

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