Quantitation Report (Qedit)

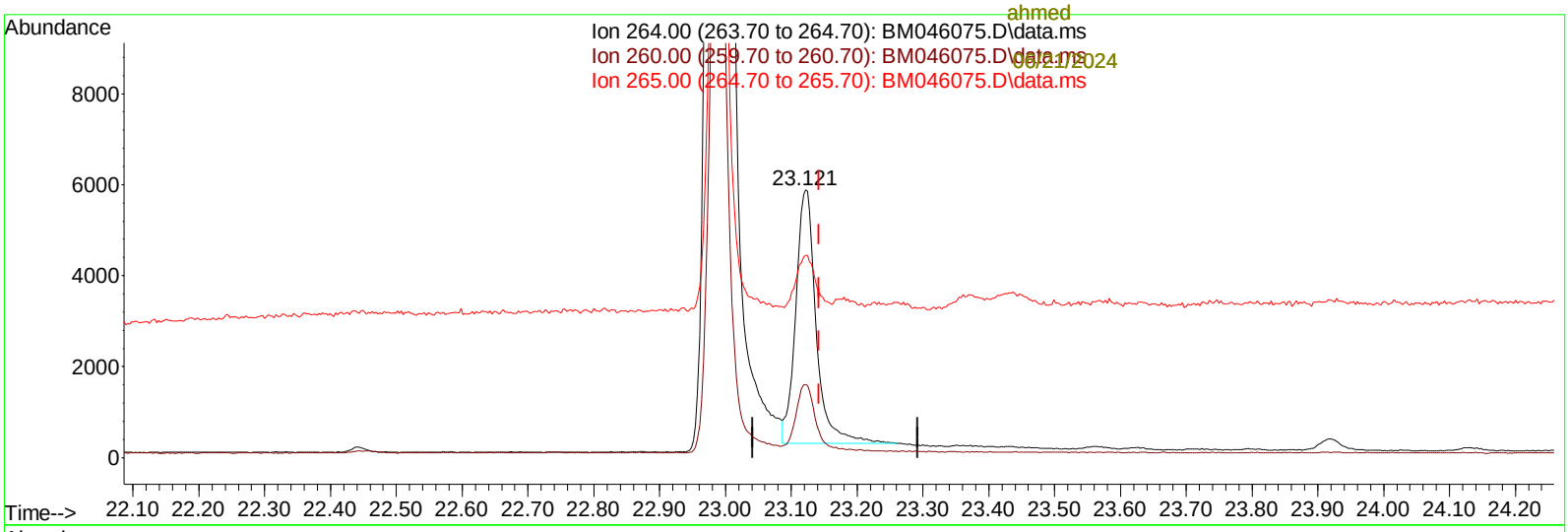
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046075.D
Acq On : 19 Jun 2024 06:18
Operator : MA/JU
Sample : P2696-06DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

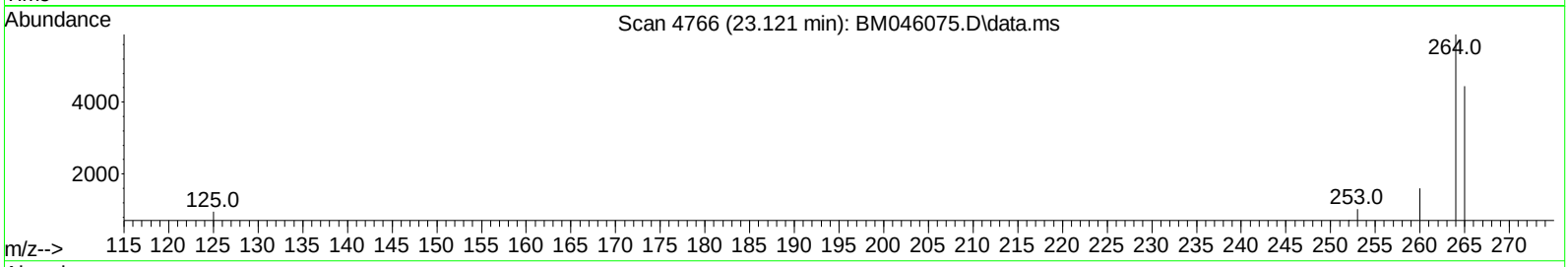
Quant Time: Jun 19 08:26:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

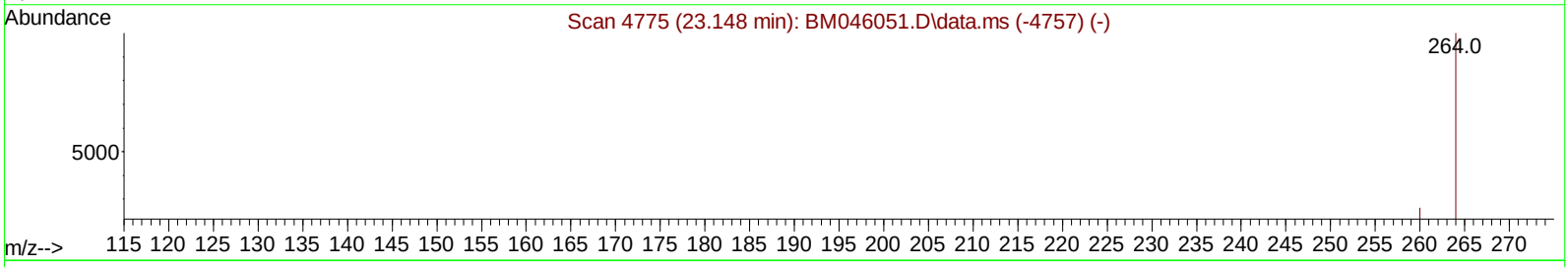
Instrument :
BNA_M
ClientSampleId :
A4BN4DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay
06/19/2024
Supervised By :mohammad ahmed
06/21/2024







TIC: BM046075.D\data.ms

(23) Perylene-d12 (I)

23.121min (-0.021) 0.40 ng/ul

response 11906

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.24
265.00	110.60	75.62#
0.00	0.00	0.00

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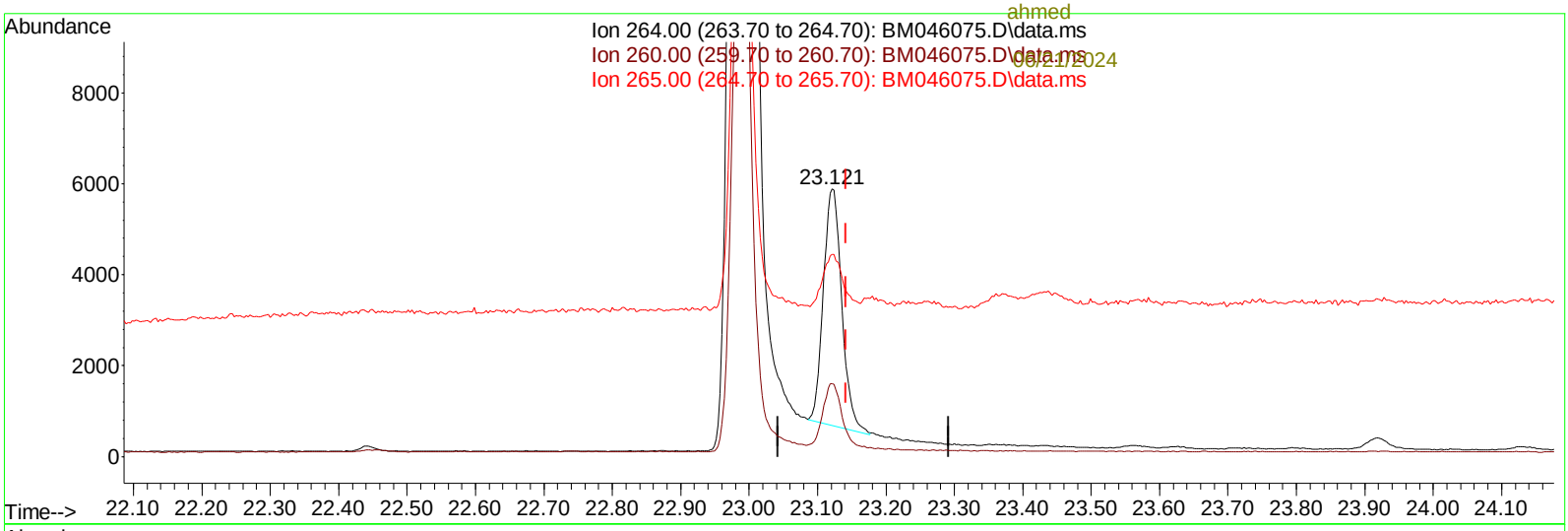

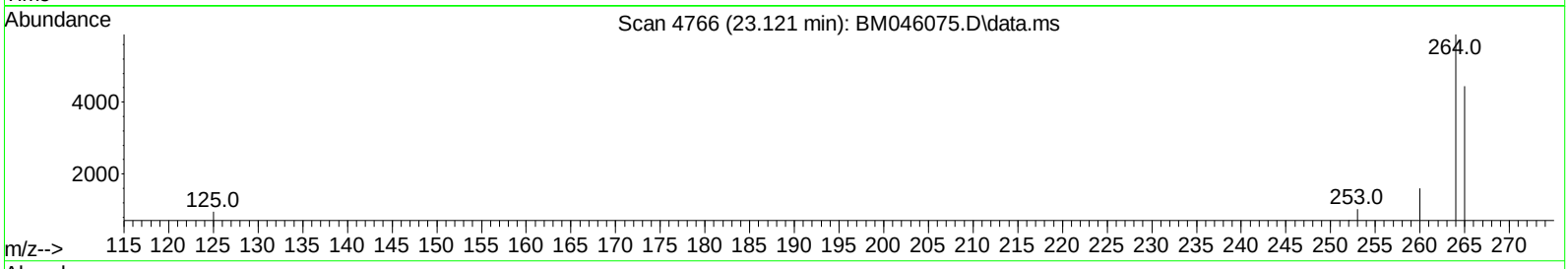

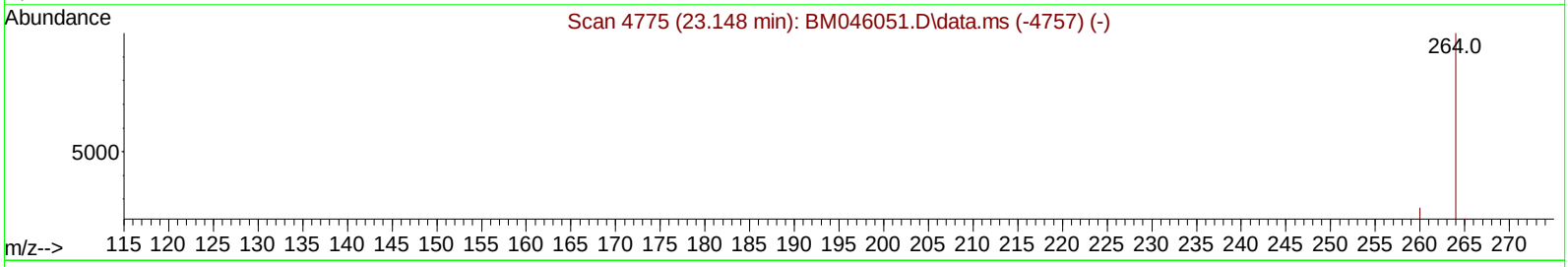

TIC: BM046075.D\data.ms

(23) Perylene-d12 (I)

23.121min (-0.021) 0.40 ng/ul m

response 9685

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.24
265.00	110.60	75.62#
0.00	0.00	0.00

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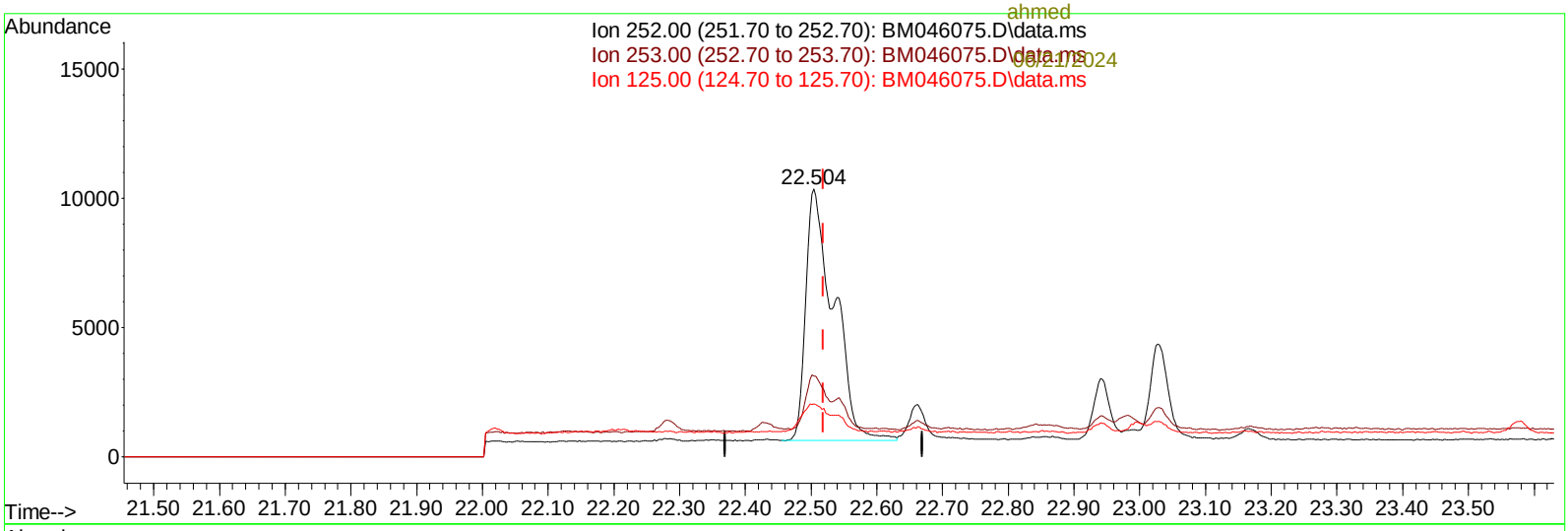

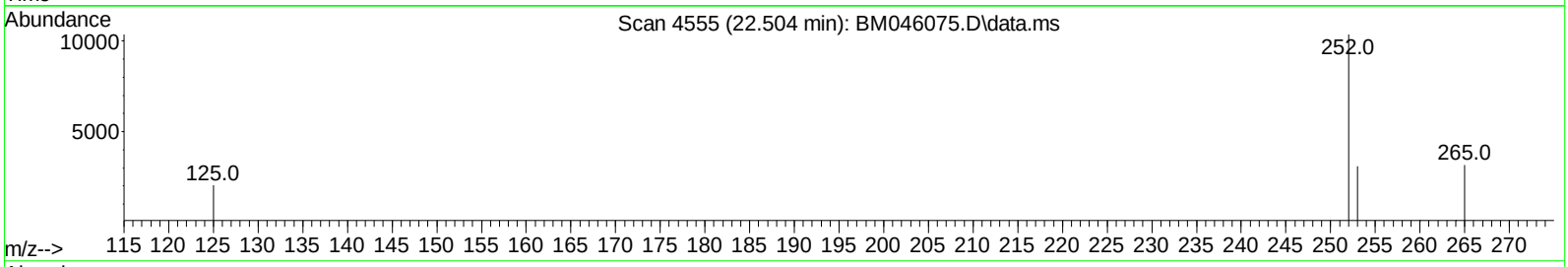

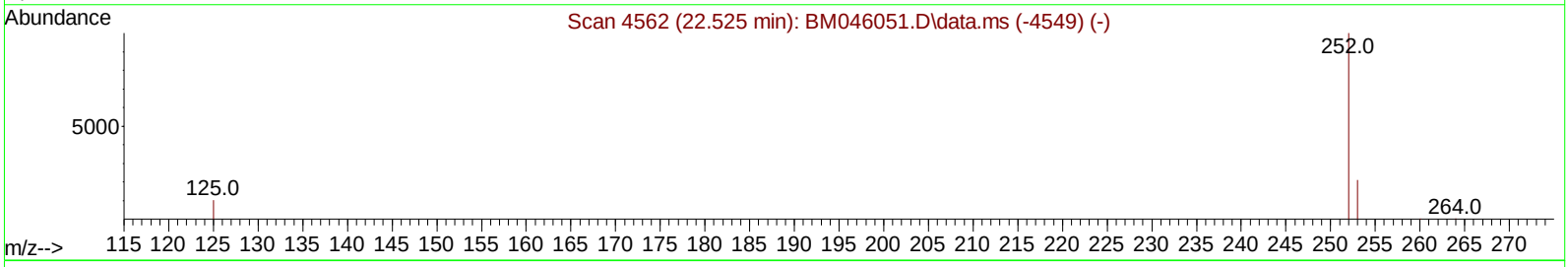

TIC: BM046075.D\data.ms

(24) Benzo(b)fluoranthene

22.504min (-0.015) 0.83 ng/ul

response 28861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	29.99
125.00	20.10	19.72
0.00	0.00	0.00

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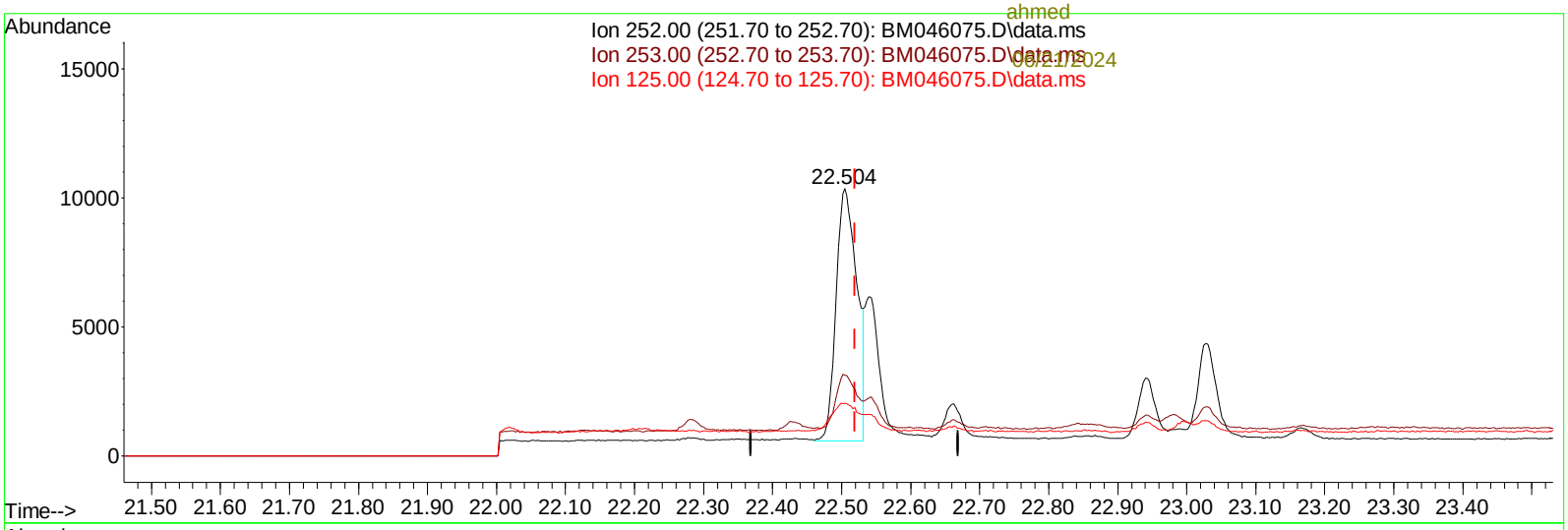

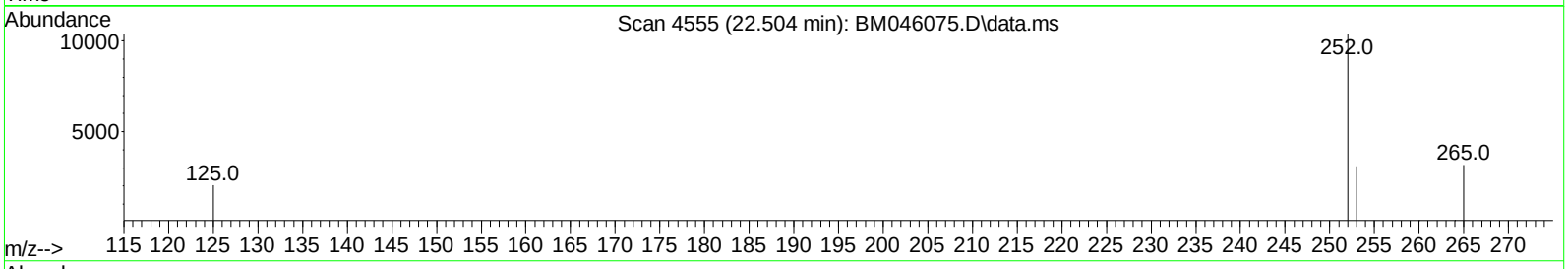

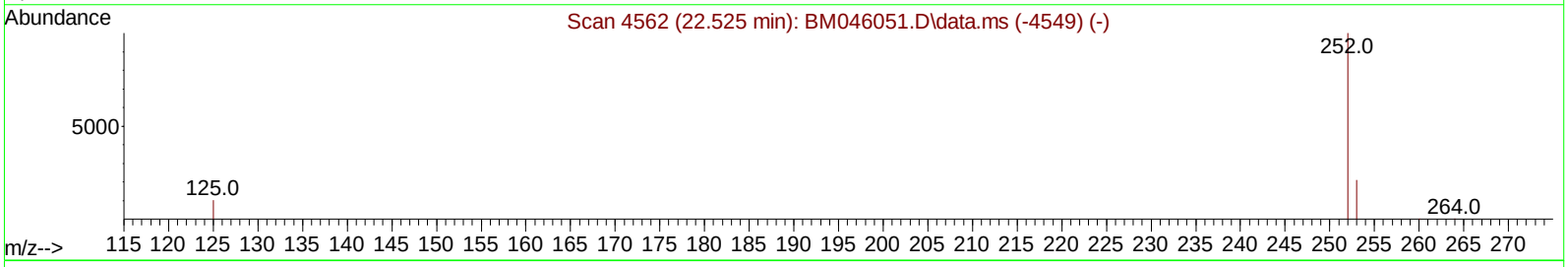

TIC: BM046075.D\data.ms

(24) Benzo(b)fluoranthene

22.504min (-0.015) 0.58 ng/ul m

response 20370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	29.99
125.00	20.10	19.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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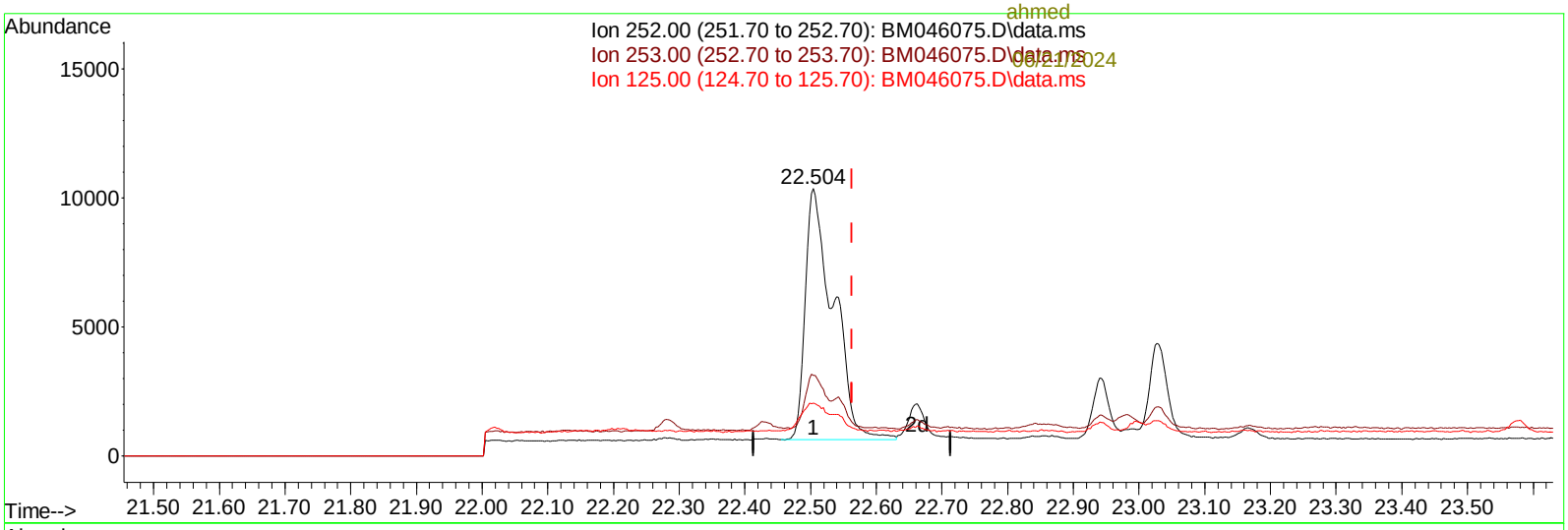

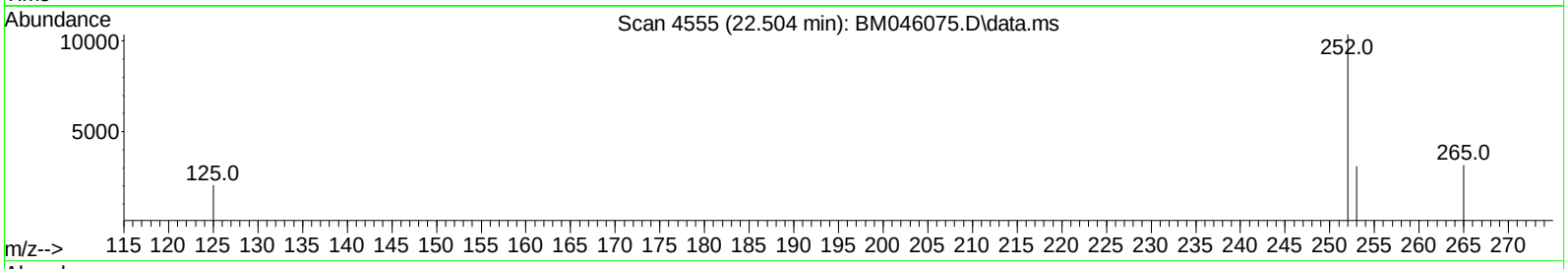

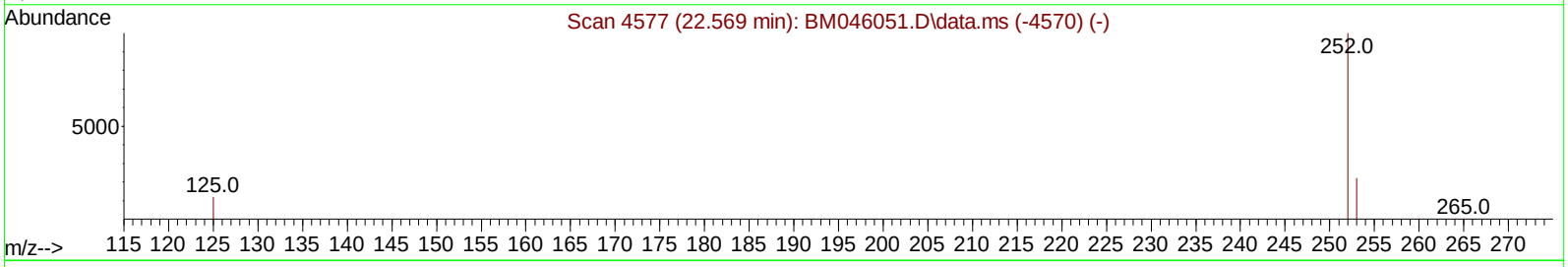

TIC: BM046075.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.059) 0.70 ng/ul

response 28861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	29.99
125.00	20.80	19.72
0.00	0.00	0.00

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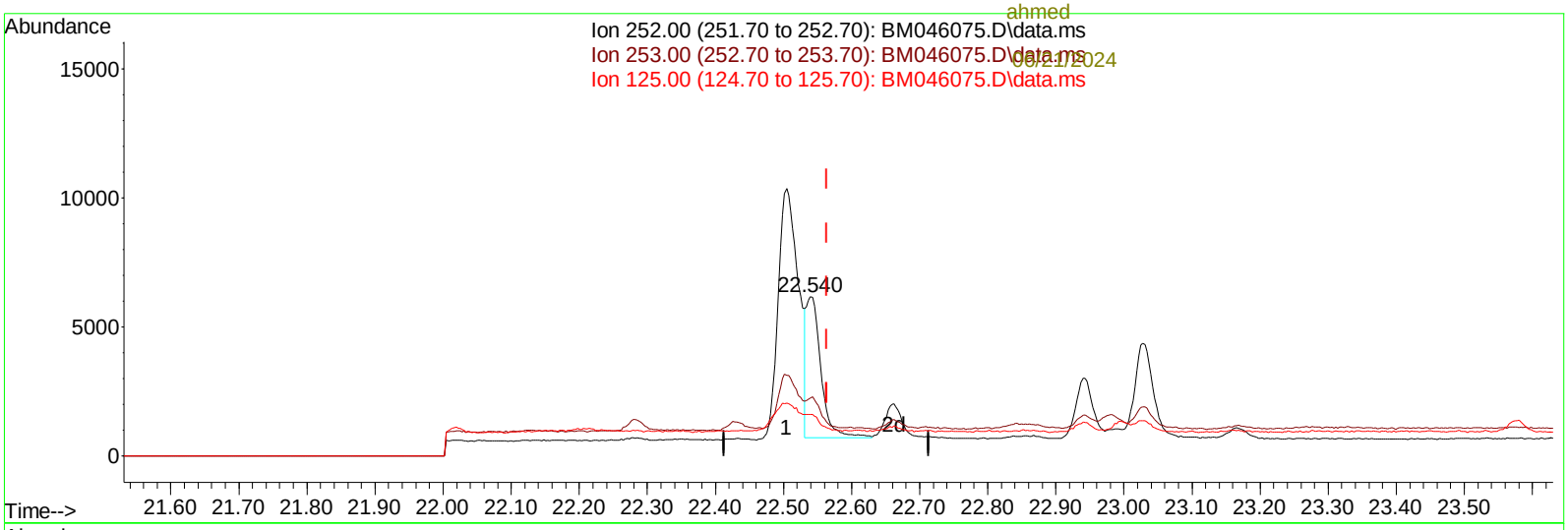

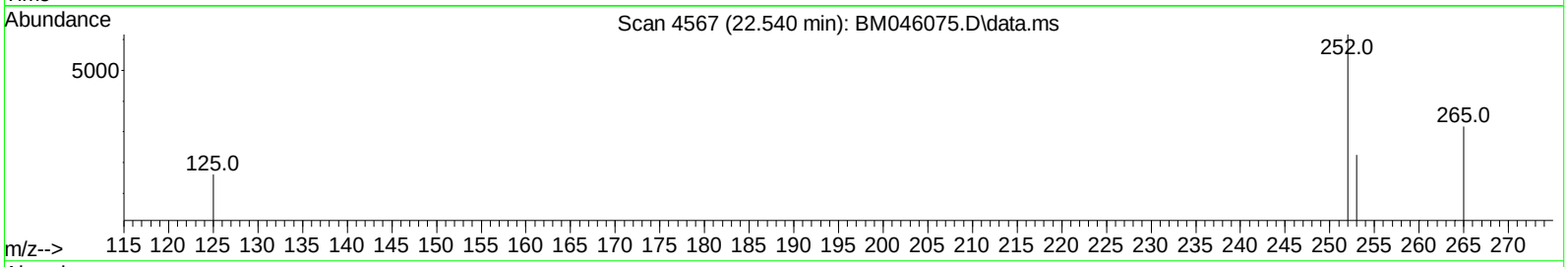

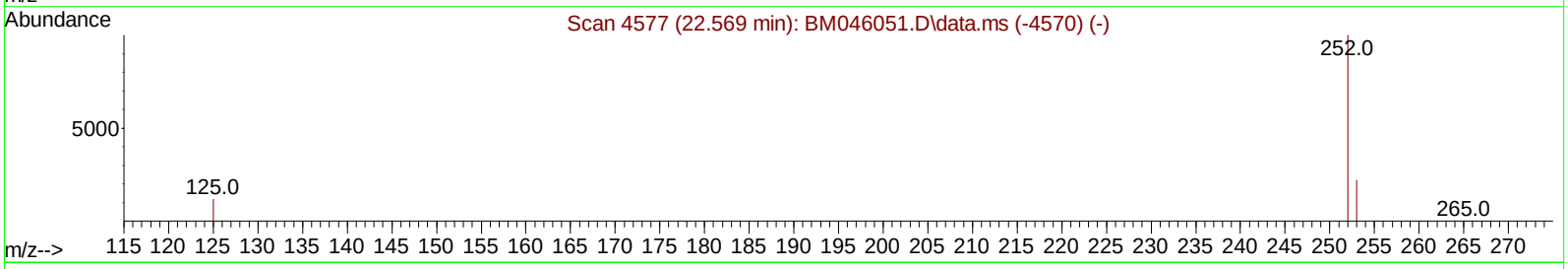

TIC: BM046075.D\data.ms

(25) Benzo(k)fluoranthene

22.540min (-0.024) 0.20 ng/ul m

response 8240

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	36.40
125.00	20.80	26.02#
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	7.434	152	3637	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.222	136	9880	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.086	164	5436	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	10815	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	8624	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	9685m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	5568	1.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	1012	0.076	ng/ul	0.00
18) Fluoranthene-d10	18.863	212	2230	0.086	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	13.804	152	805	0.031	ng/ul#	73
11) Acenaphthene	14.151	153	765	0.041	ng/ul	93
12) Fluorene	15.141	166	851	0.043	ng/ul#	97
15) Phenanthrene	16.871	178	14185	0.467	ng/ul	97
16) Anthracene	16.964	178	3056	0.135	ng/ul#	92
19) Fluoranthene	18.891	202	31228	0.836	ng/ul	98
20) Pyrene	19.253	202	22323	0.553	ng/ul	97
21) Benzo(a)anthracene	21.012	228	13517	0.406	ng/ul	98
22) Chrysene	21.061	228	13942	0.328	ng/ul	98
24) Benzo(b)fluoranthene	22.504	252	20370m	0.584	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	8240m	0.199	ng/ul	
26) Benzo(a)pyrene	23.028	252	6995	0.216	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.182	276	7461	0.141	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.182	278	2317	0.059	ng/ul#	54
29) Benzo(g,h,i)perylene	25.799	276	1212	0.027	ng/ul#	39

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

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