Quantitation Report (Qedit)

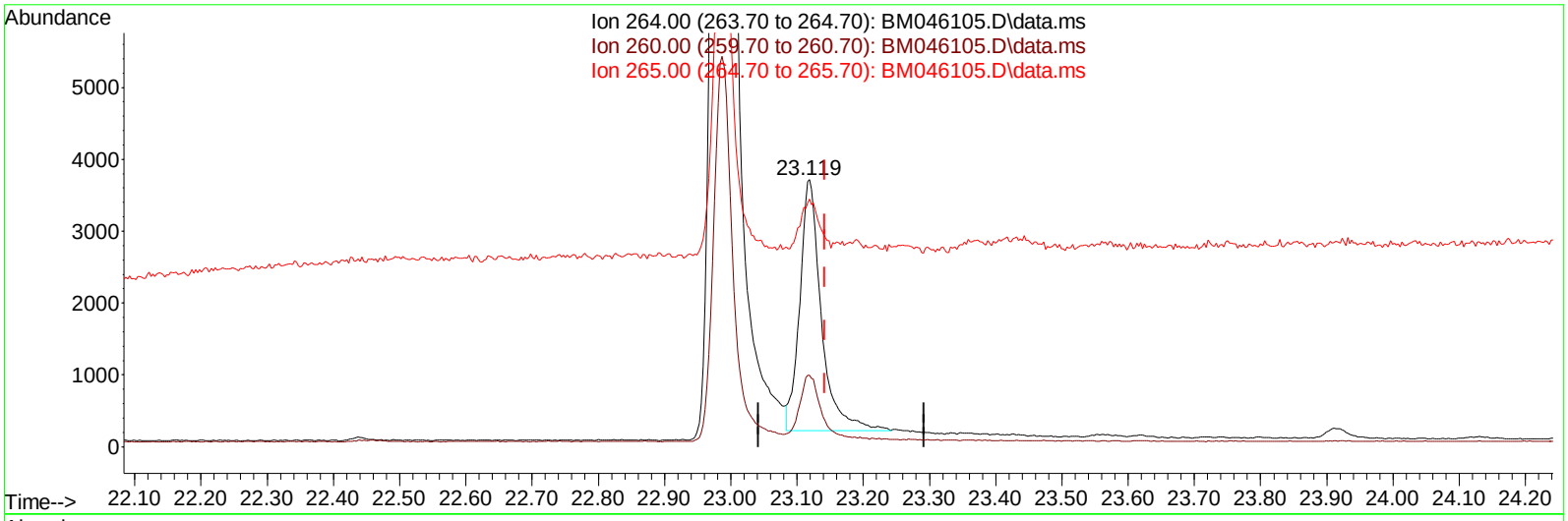
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046105.D
Acq On : 20 Jun 2024 03:20
Operator : MA/JU
Sample : P2696-26DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

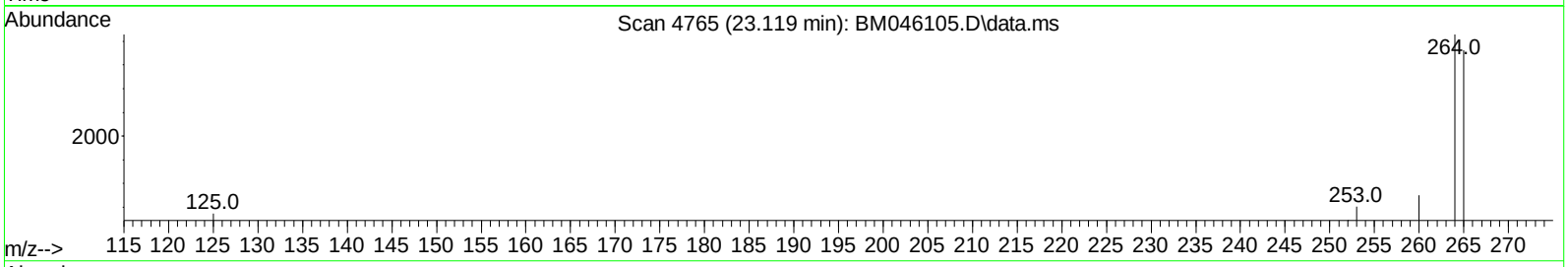
Quant Time: Jun 20 03:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

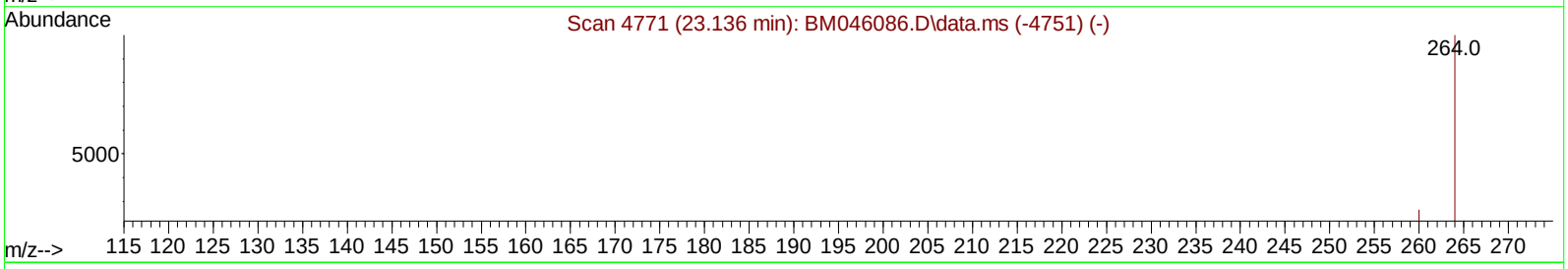
Instrument :
BNA_M
ClientSampleId :
A4BP0DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024







TIC: BM046105.D\data.ms

(23) Perylene-d12 (I)

23.119min (-0.023) 0.40 ng/ul

response 7909

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.82
265.00	110.60	92.81
0.00	0.00	0.00

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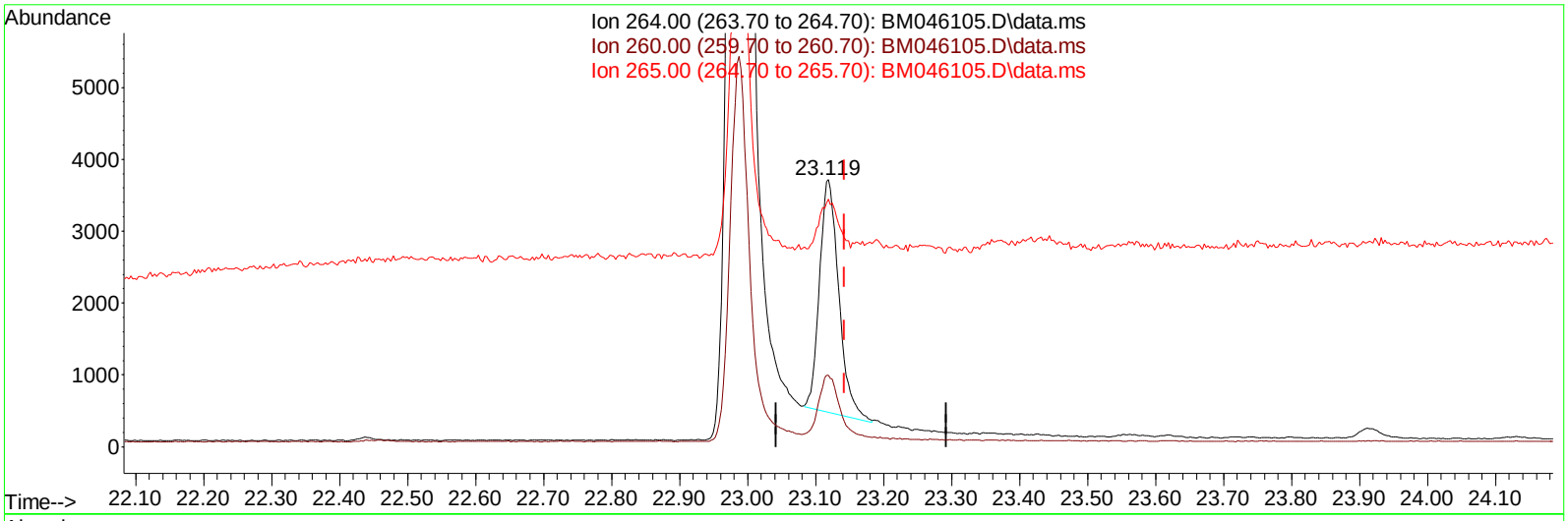

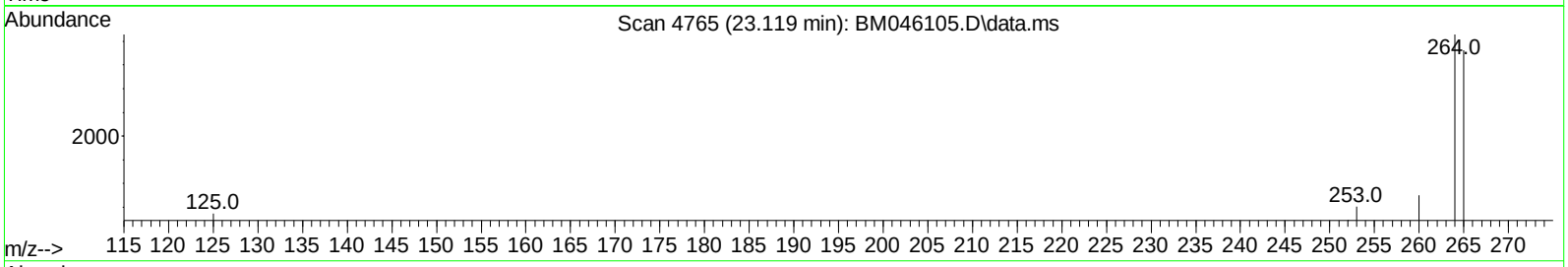

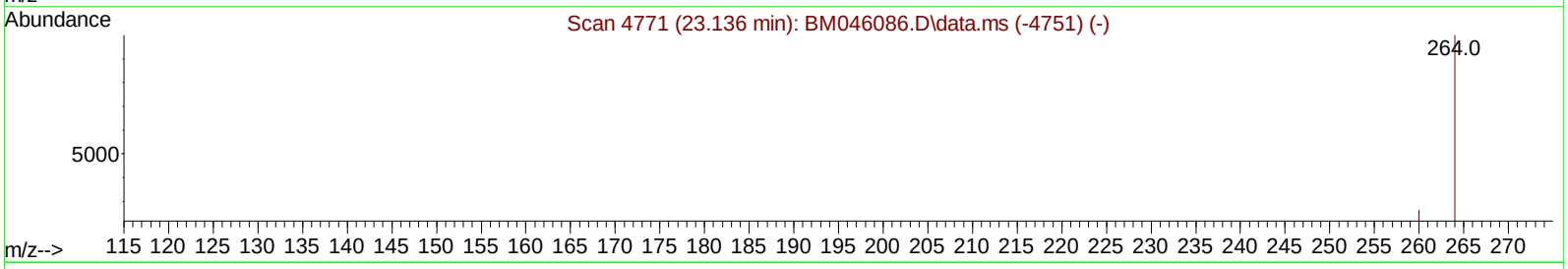

TIC: BM046105.D\data.ms

(23) Perylene-d12 (I)

23.119min (-0.023) 0.40 ng/ul m

response 6345

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.82
265.00	110.60	92.81
0.00	0.00	0.00

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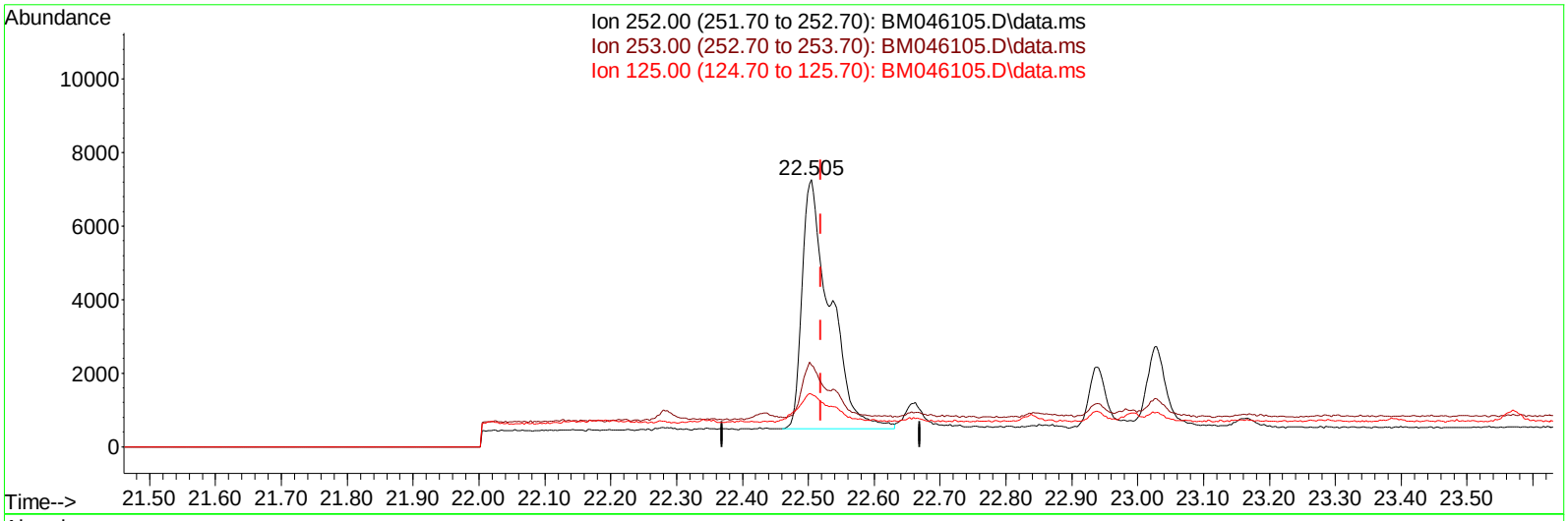

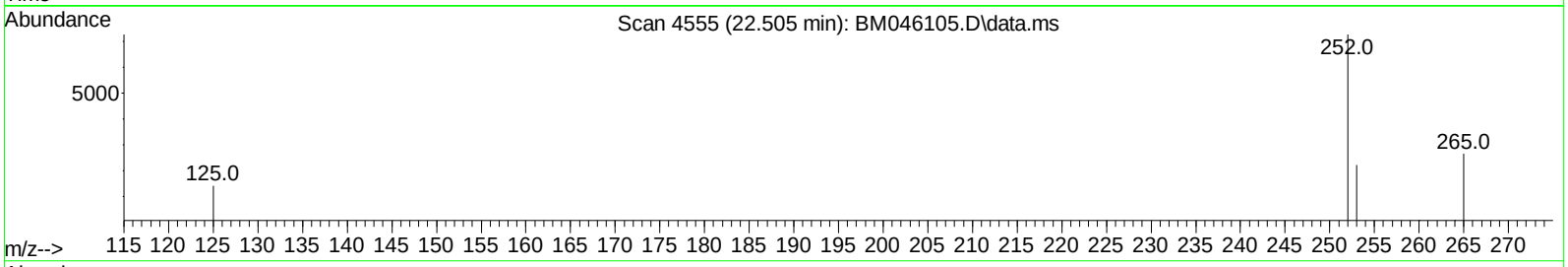

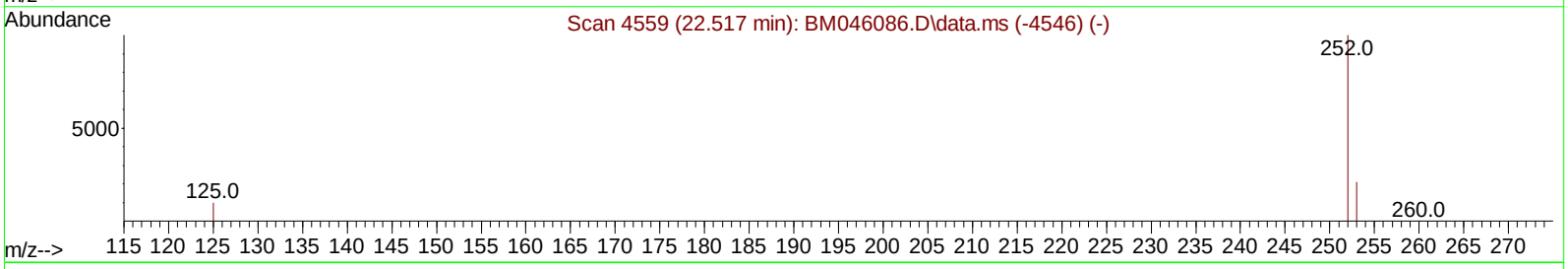

TIC: BM046105.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 0.88 ng/ul

response 20011

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.51
125.00	20.10	19.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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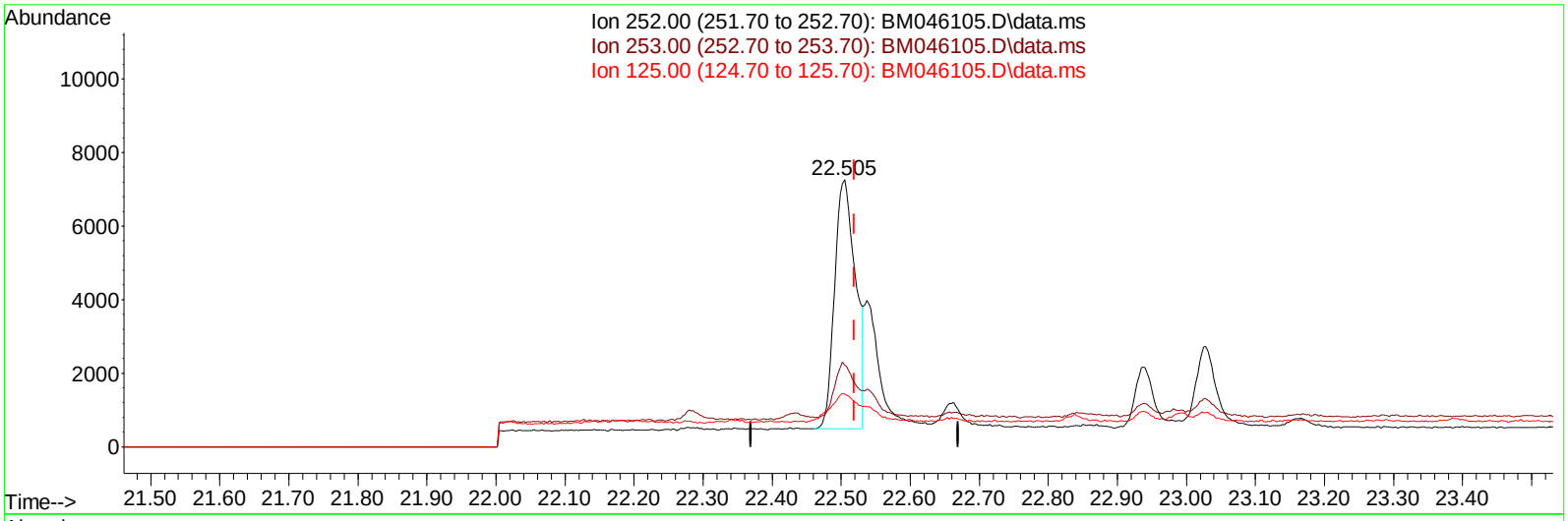

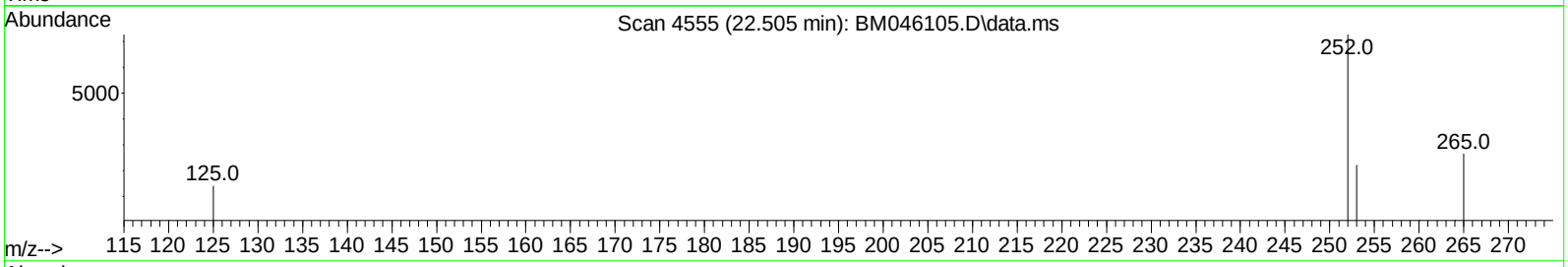

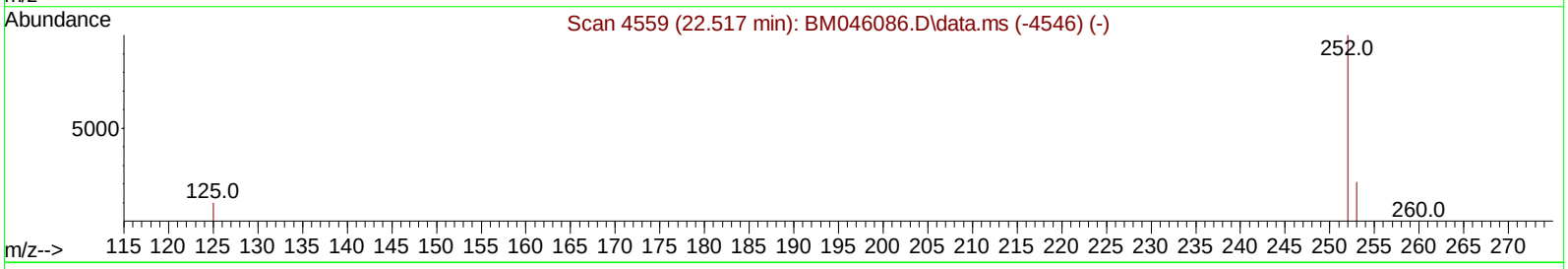

TIC: BM046105.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 0.63 ng/ul m

response 14446

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.51
125.00	20.10	19.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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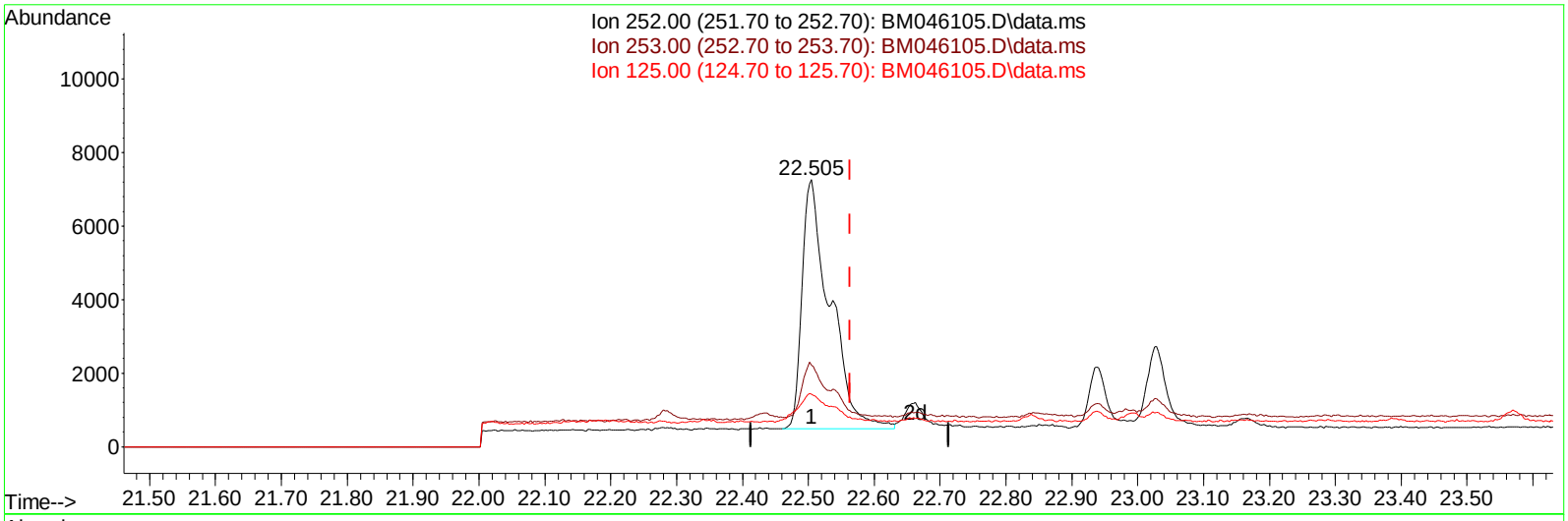

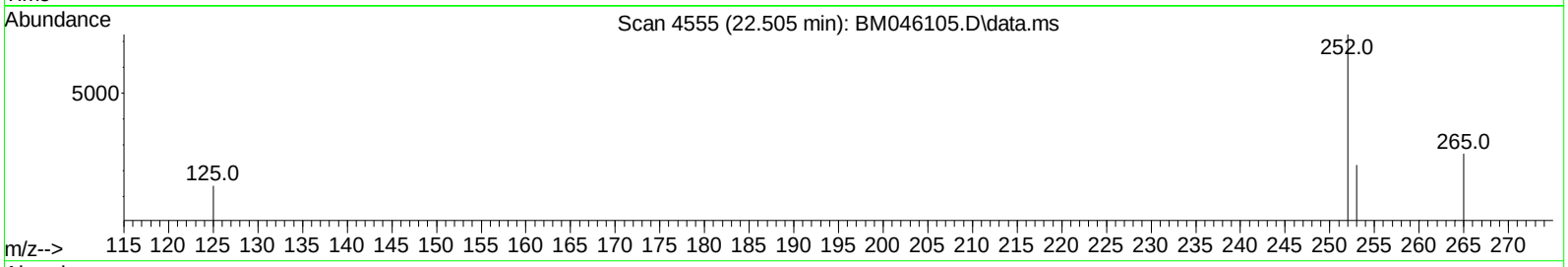

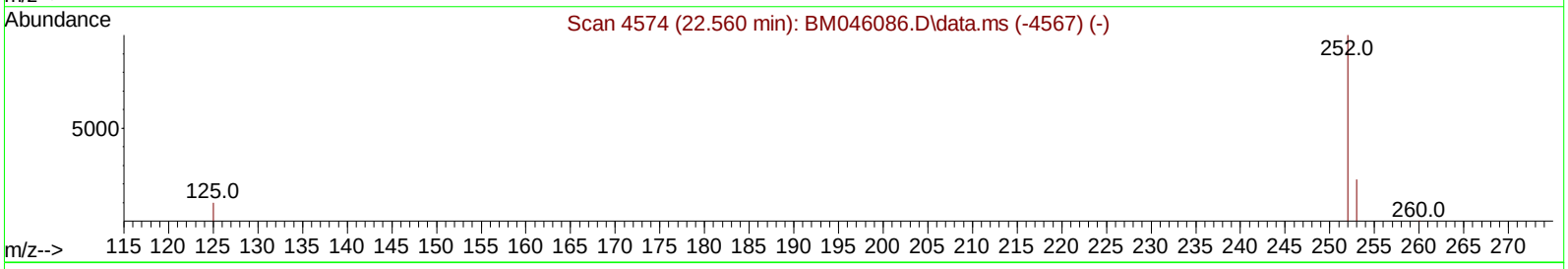

TIC: BM046105.D\data.ms

(25) Benzo(k)fluoranthene

22.505min (-0.058) 0.74 ng/ul

response 20011

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.51
125.00	20.80	19.66
0.00	0.00	0.00

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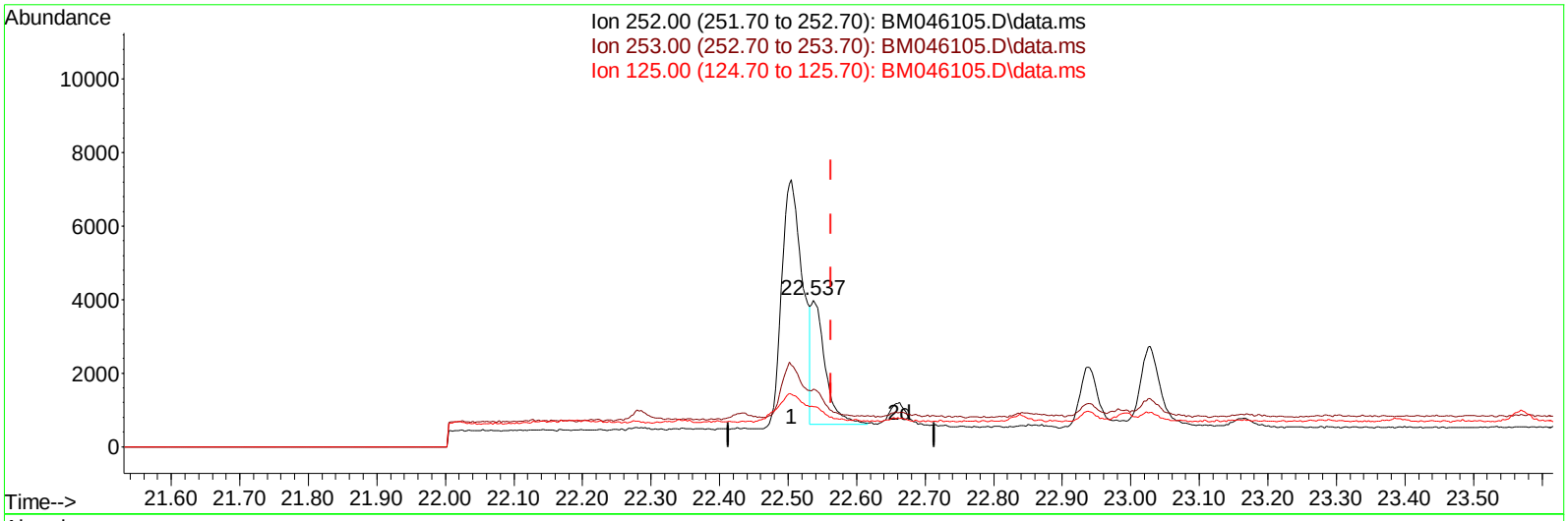

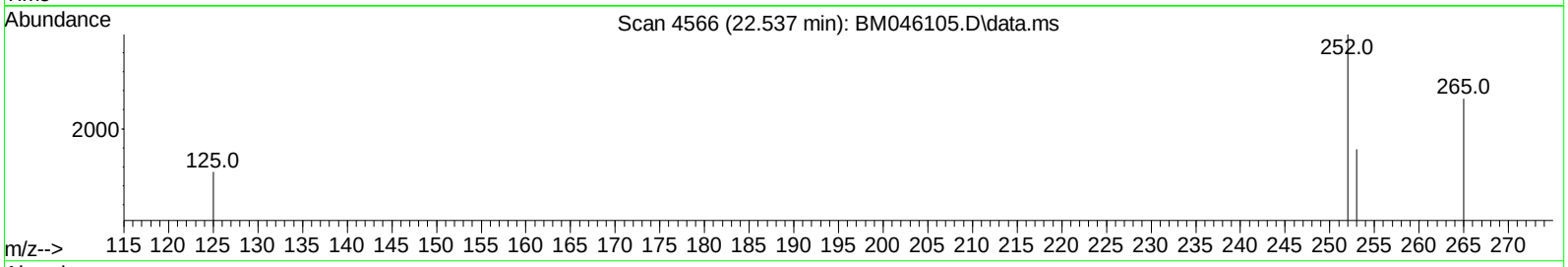

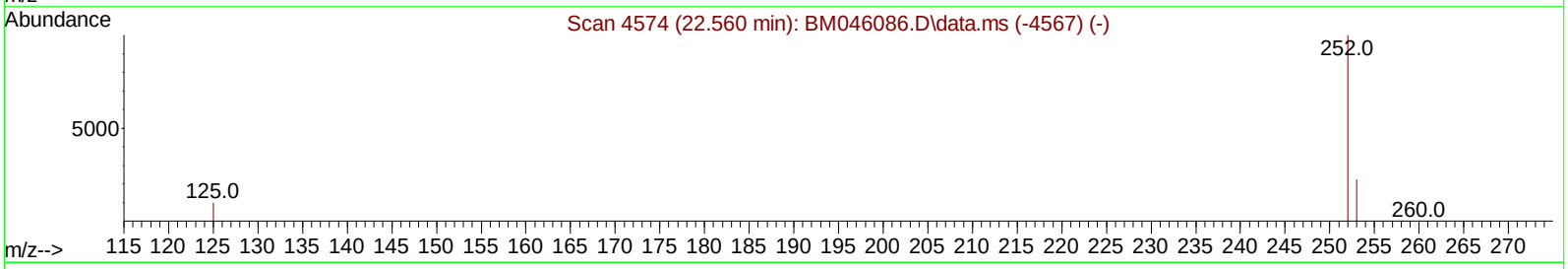

TIC: BM046105.D\data.ms

(25) Benzo(k)fluoranthene

22.537min (-0.026) 0.18 ng/ul m

response 4869

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	39.52
125.00	20.80	27.37#
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	7.442	152	2102	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.259	136	5708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	3349	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.836	188	6531	0.400	ng/ul	-0.03
17) Chrysene-d12	21.029	240	5367	0.400	ng/ul	-0.01
23) Perylene-d12	23.119	264	6345m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2064	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	293	0.038	ng/ul	0.04
18) Fluoranthene-d10	18.866	212	800	0.050	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	13.816	152	498	0.031	ng/ul#	57
15) Phenanthrene	16.878	178	5245	0.286	ng/ul	99
16) Anthracene	16.971	178	975	0.071	ng/ul#	72
19) Fluoranthene	18.894	202	16318	0.702	ng/ul	98
20) Pyrene	19.252	202	12374	0.492	ng/ul	98
21) Benzo(a)anthracene	21.015	228	6593	0.318	ng/ul	95
22) Chrysene	21.064	228	8147	0.308	ng/ul	98
24) Benzo(b)fluoranthene	22.505	252	14446m	0.632	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	4869m	0.179	ng/ul	
26) Benzo(a)pyrene	23.028	252	4307	0.203	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.172	276	5585	0.161	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.179	278	1590	0.062	ng/ul#	50
29) Benzo(g,h,i)perylene	25.799	276	942	0.032	ng/ul#	41

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

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