Quantitation Report (Qedit)

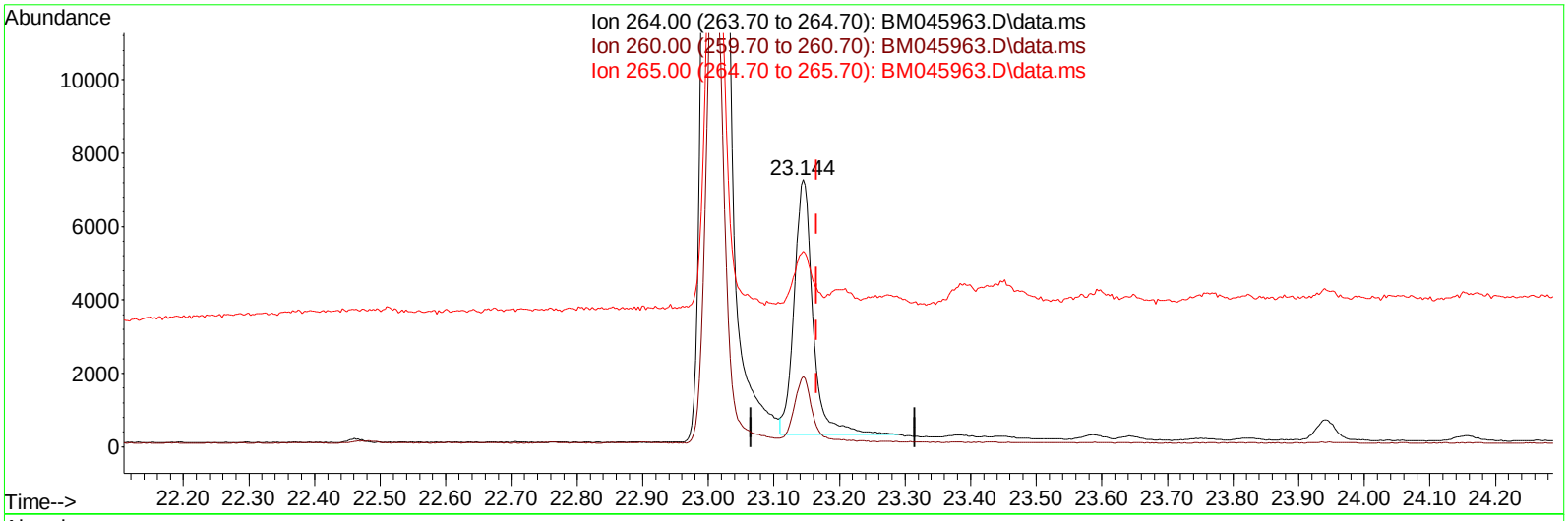
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045963.D
Acq On : 10 Jun 2024 22:35
Operator : MA/JU
Sample : P2642-10DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

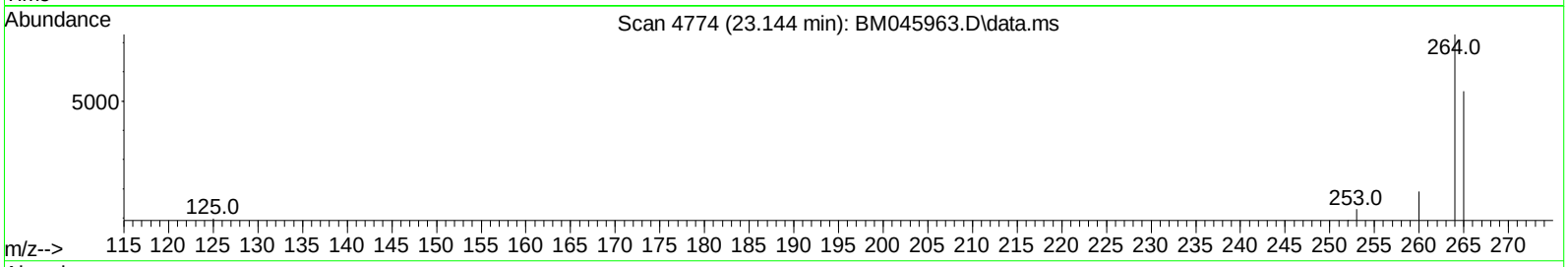
Quant Time: Jun 10 23:14:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

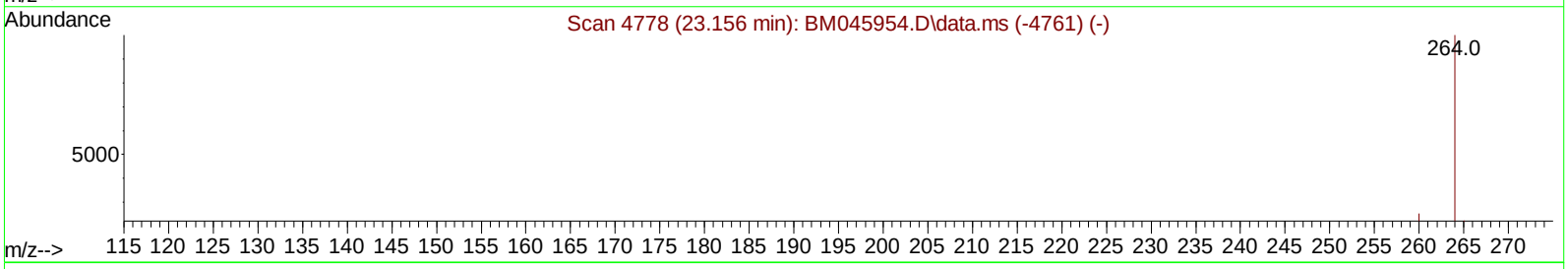
Instrument :
BNA_M
ClientSampleId :
A4B32DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045963.D\data.ms

(23) Perylene-d12 (I)

23.144min (-0.021) 0.40 ng/ul

response 13725

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.24
265.00	76.60	73.27
0.00	0.00	0.00

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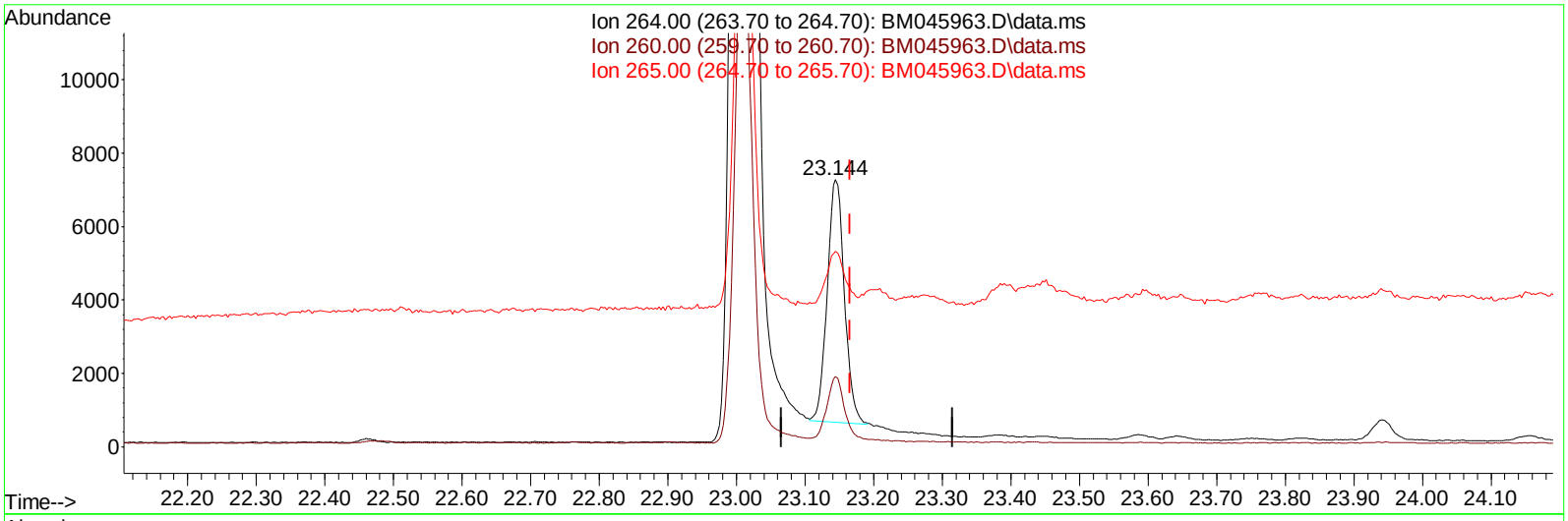

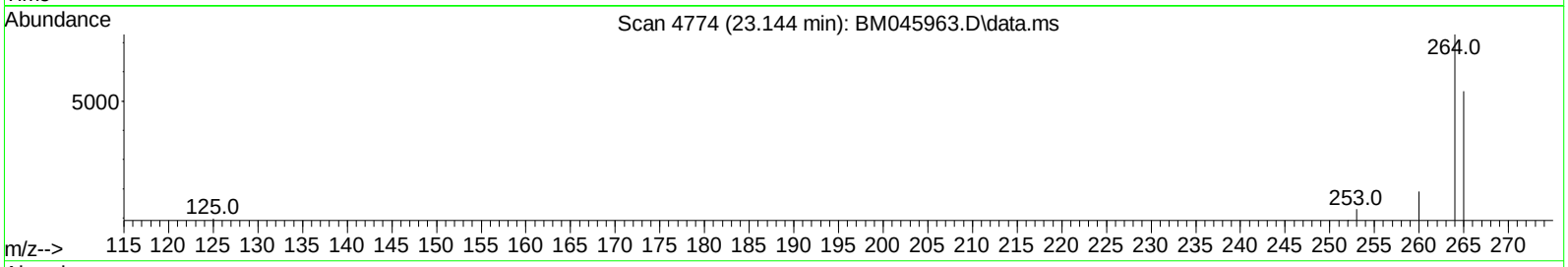

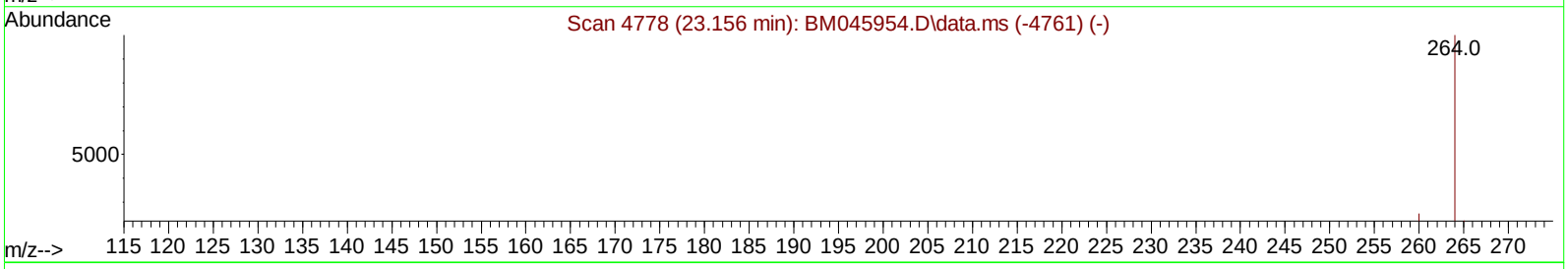

TIC: BM045963.D\data.ms

(23) Perylene-d12 (I)

23.144min (-0.021) 0.40 ng/ul m

response 11491

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.24
265.00	76.60	73.27
0.00	0.00	0.00

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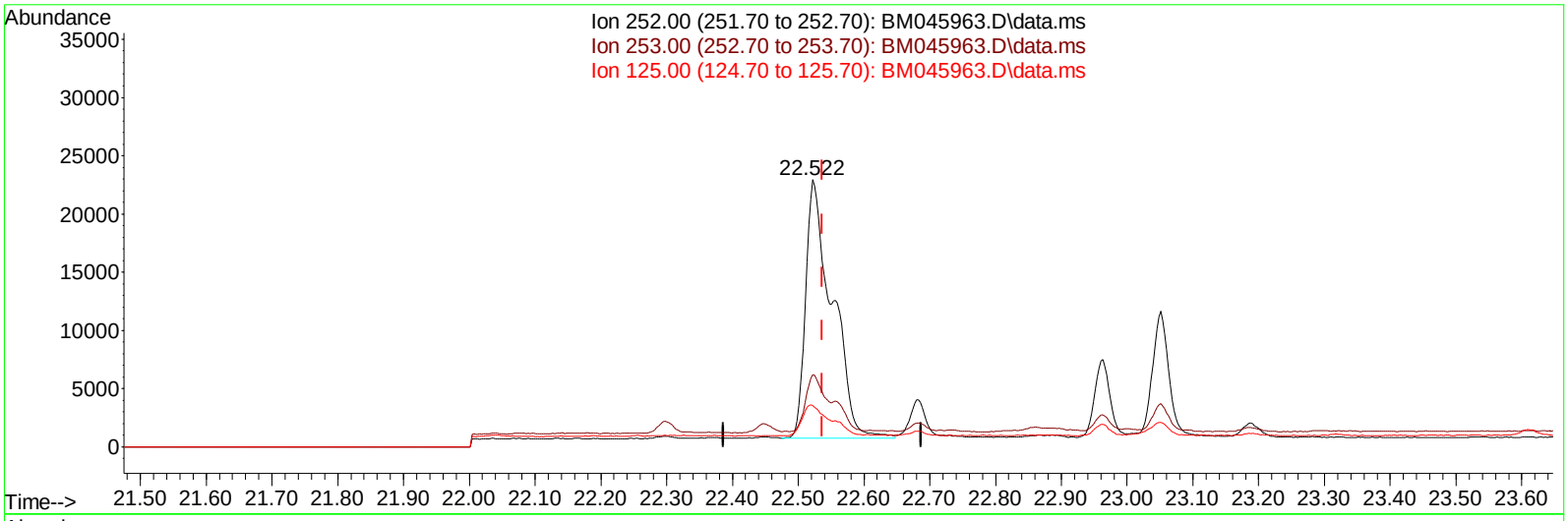

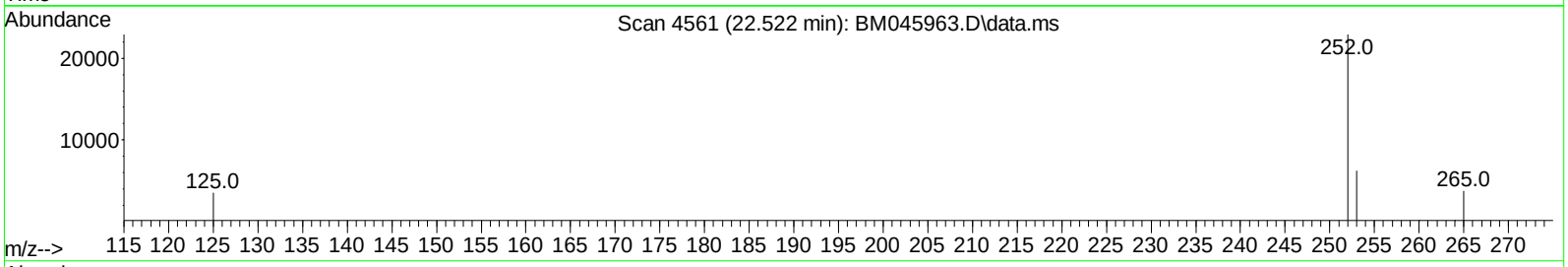

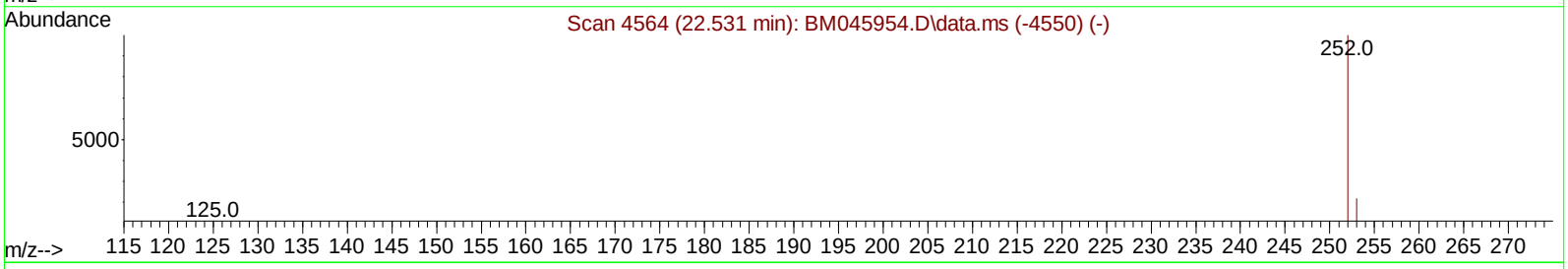

TIC: BM045963.D\data.ms

(24) Benzo(b)fluoranthene

22.522min (-0.015) 1.63 ng/ul

response 62236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	27.12
125.00	17.90	15.38
0.00	0.00	0.00

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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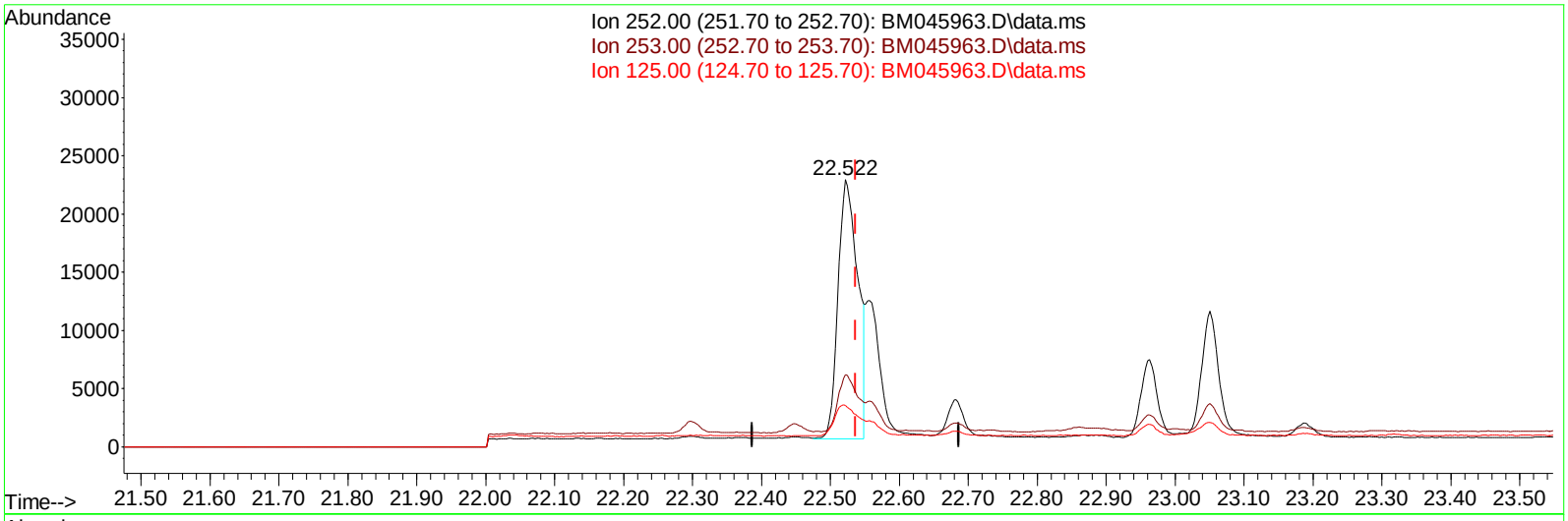

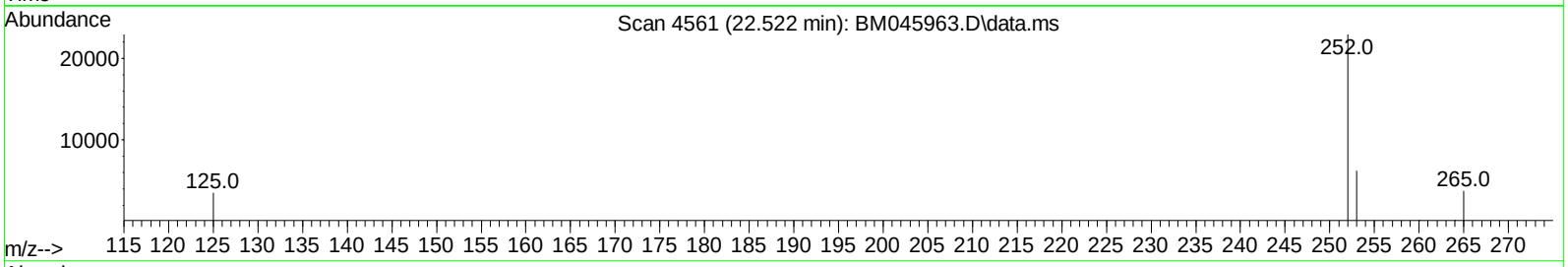

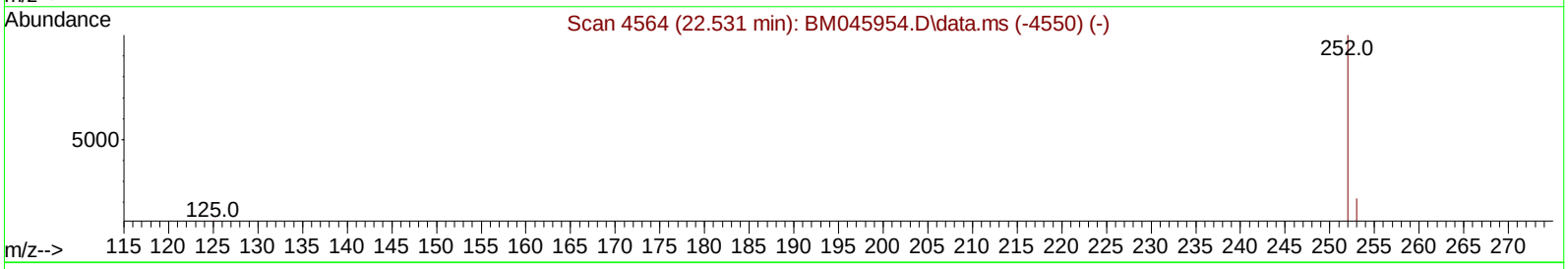

TIC: BM045963.D\data.ms

(24) Benzo(b)fluoranthene

22.522min (-0.015) 1.15 ng/ul m

response 44008

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	27.12
125.00	17.90	15.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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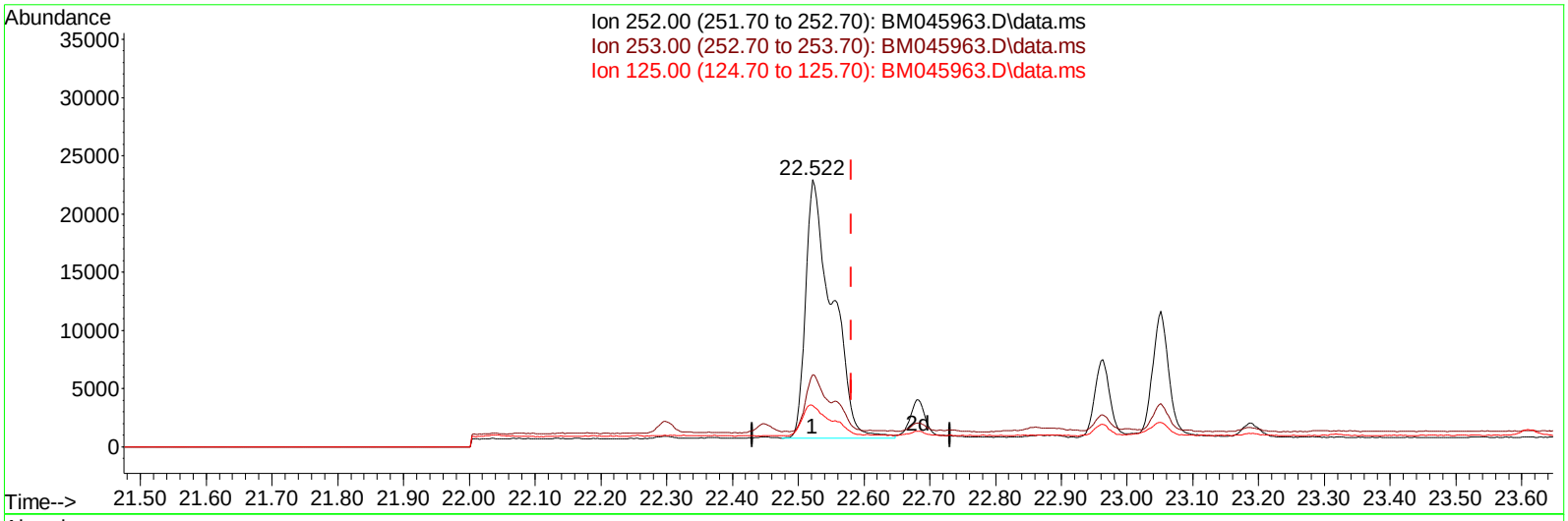

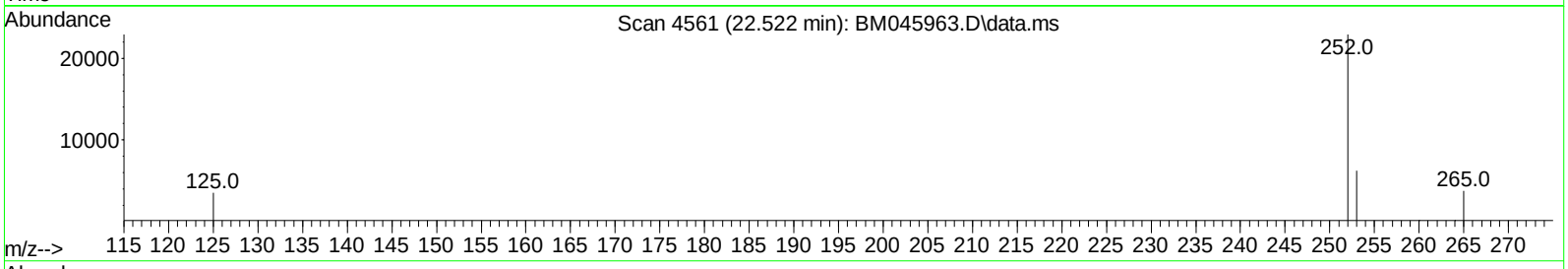

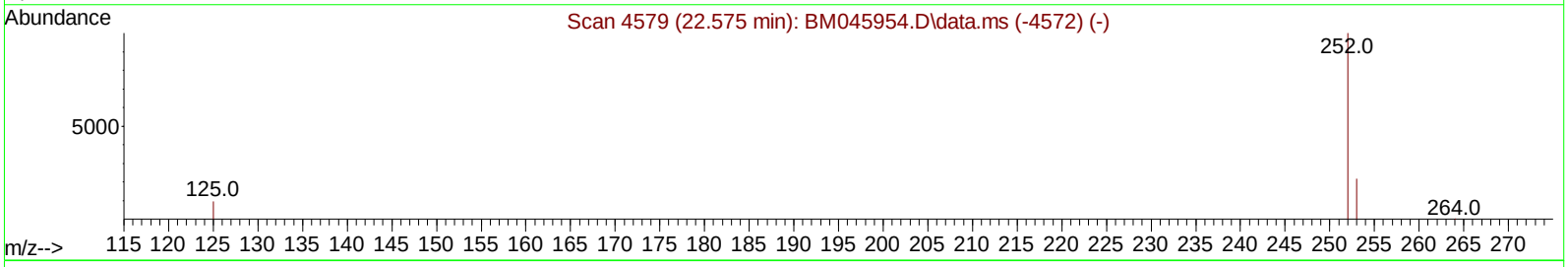

TIC: BM045963.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.059) 1.49 ng/ul

response 62236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	27.12
125.00	17.70	15.38
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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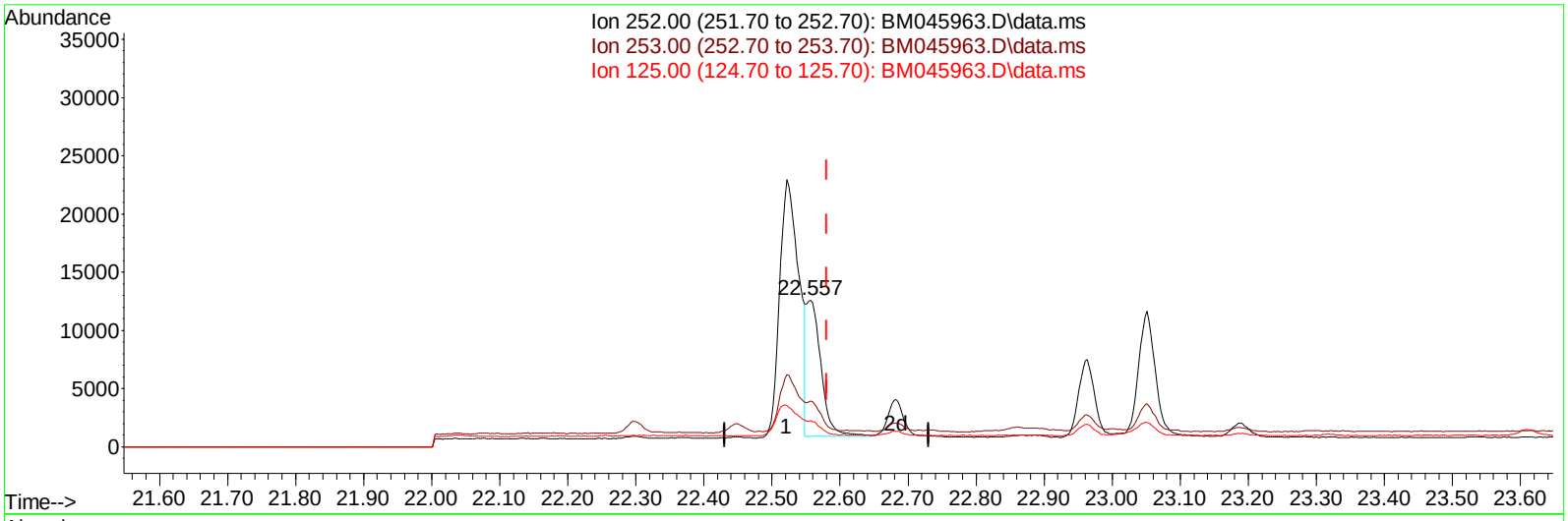

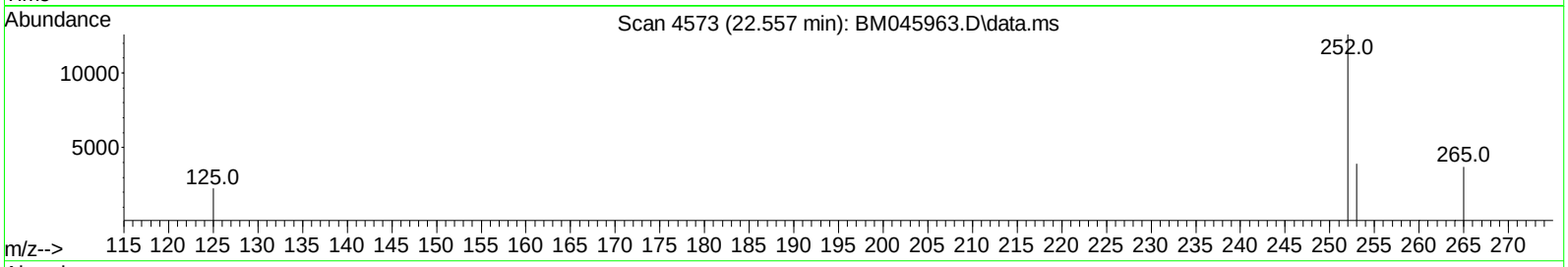

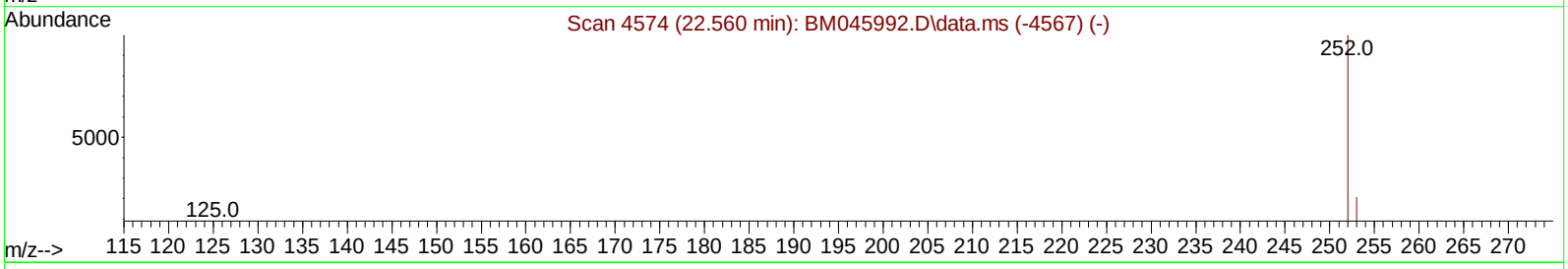

TIC: BM045963.D\data.ms

(25) Benzo(k)fluoranthene

22.557min (-0.024) 0.42 ng/ul m

response 17553

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	31.23
125.00	17.70	17.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045963.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4587	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	14243	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7720	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	13725	0.400	ng/ul	-0.02
17) Chrysene-d12	21.040	240	10307	0.400	ng/ul	-0.01
23) Perylene-d12	23.144	264	11491m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	4854	0.929	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.860	152	1041	0.051	ng/ul	0.01
18) Fluoranthene-d10	18.881	212	1906	0.062	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.287	128	1494	0.040	ng/ul#	79
7) 2-Methylnaphthalene	11.932	142	489	0.021	ng/ul	94
10) Acenaphthylene	13.826	152	2109	0.060	ng/ul#	92
11) Acenaphthene	14.169	153	1680	0.065	ng/ul	97
12) Fluorene	15.163	166	1818	0.063	ng/ul#	95
15) Phenanthrene	16.888	178	38206	0.991	ng/ul	100
16) Anthracene	16.981	178	6703	0.204	ng/ul#	93
19) Fluoranthene	18.909	202	72067	1.753	ng/ul	97
20) Pyrene	19.271	202	55334	1.291	ng/ul	96
21) Benzo(a)anthracene	21.023	228	27444	0.725	ng/ul	97
22) Chrysene	21.075	228	33163	0.805	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	44008m	1.155	ng/ul	
25) Benzo(k)fluoranthene	22.557	252	17553m	0.419	ng/ul	
26) Benzo(a)pyrene	23.051	252	18743	0.494	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.202	276	17682	0.361	ng/ul	92
28) Dibenzo(a,h)anthracene	25.205	278	5121	0.131	ng/ul#	79
29) Benzo(g,h,i)perylene	25.832	276	2921	0.069	ng/ul#	70

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

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