Quantitation Report (Qedit)

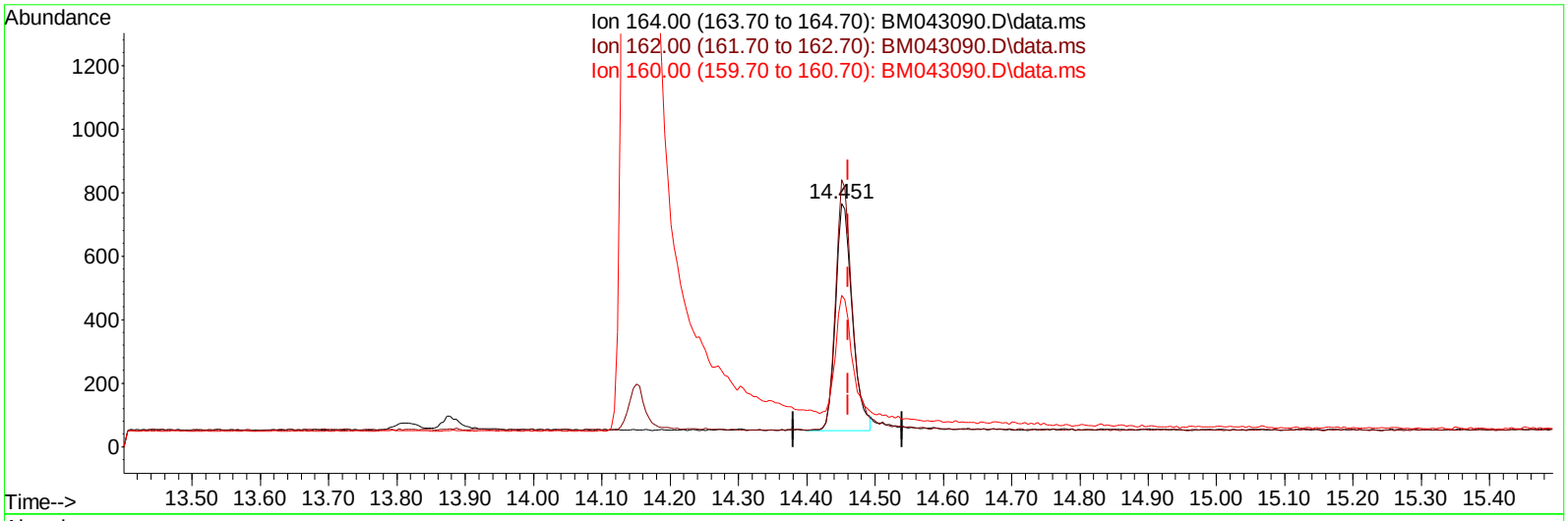
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043090.D
Acq On : 30 Nov 2023 18:15
Operator : MA/JU
Sample : 05497-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

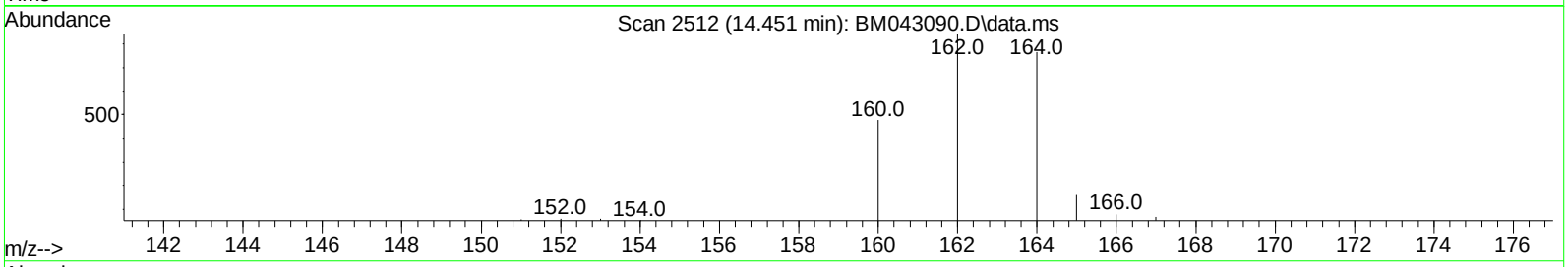
Quant Time: Dec 01 00:43:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

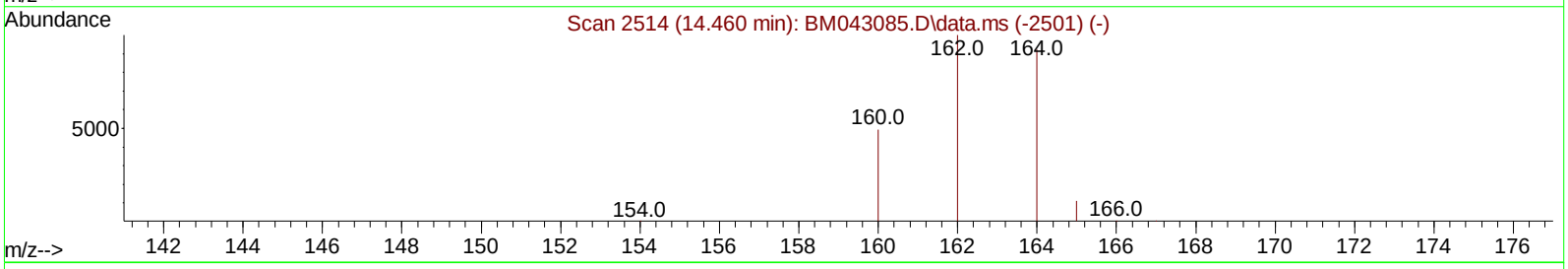
Instrument :
BNA_M
ClientSampleId :
C0AB6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043090.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul

response 1218

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.66
160.00	57.20	62.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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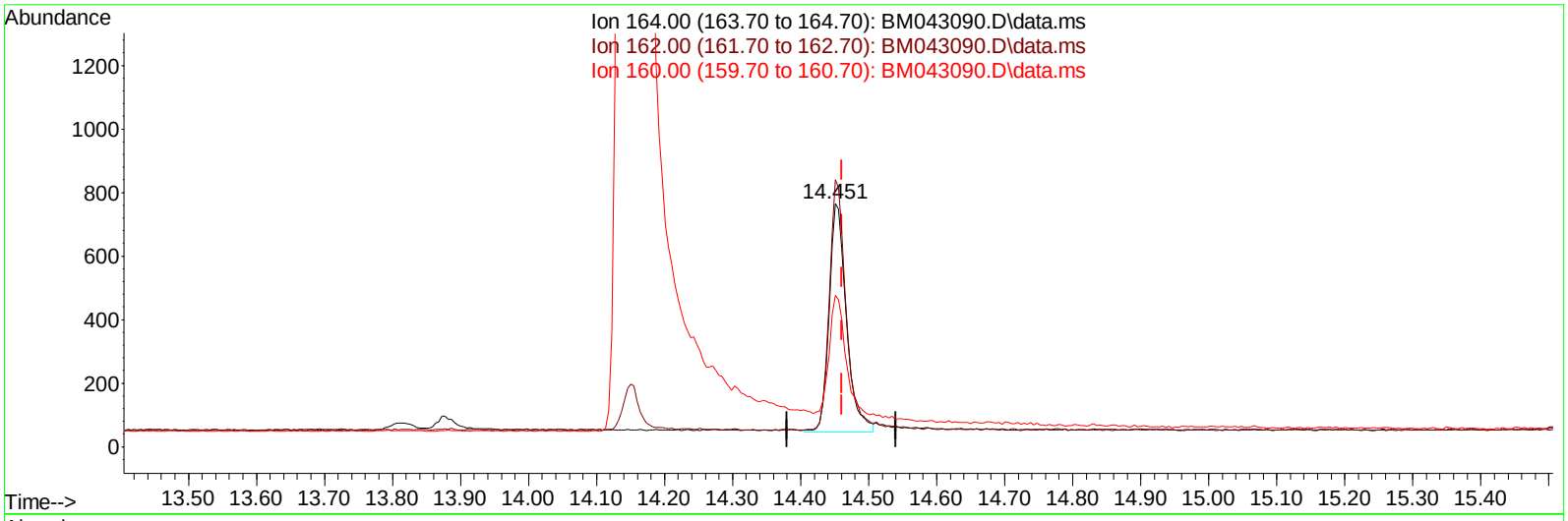

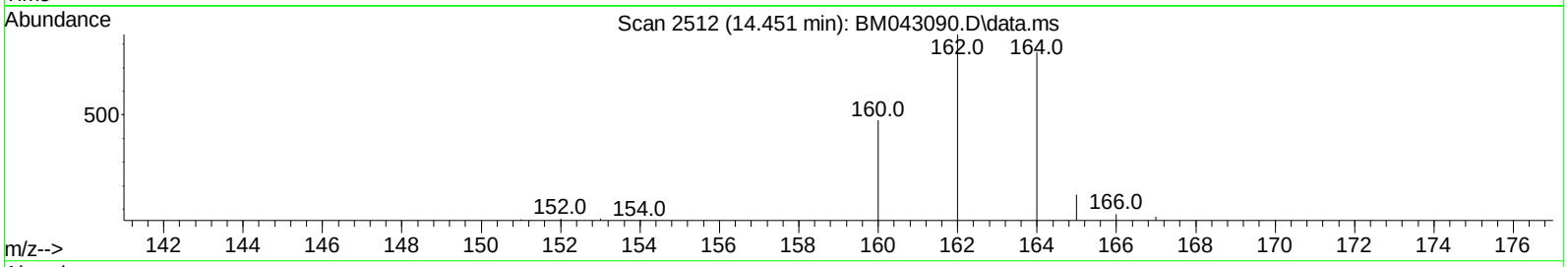

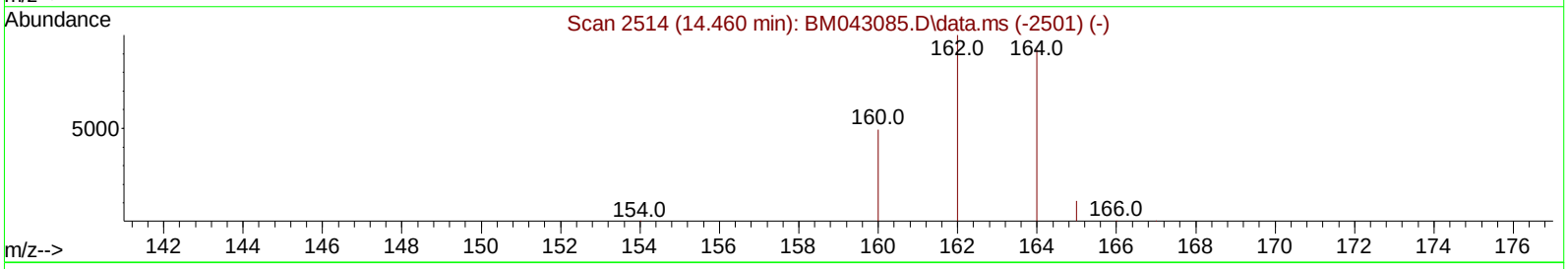

TIC: BM043090.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul m

response 1264

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.66
160.00	57.20	62.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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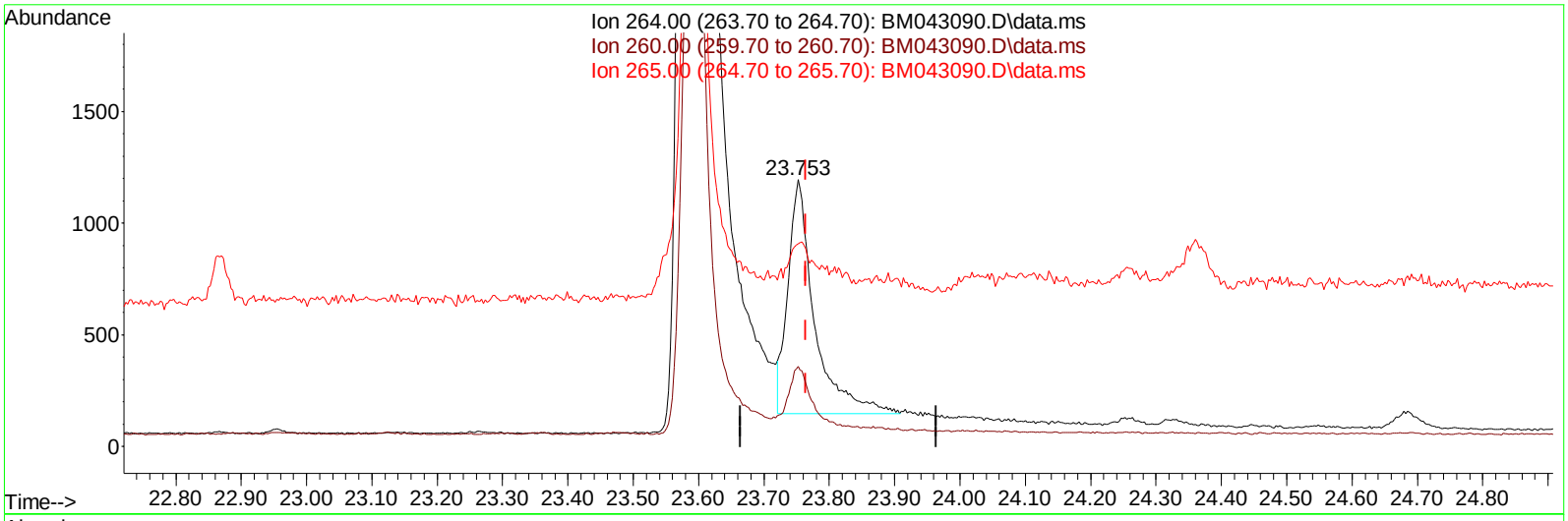

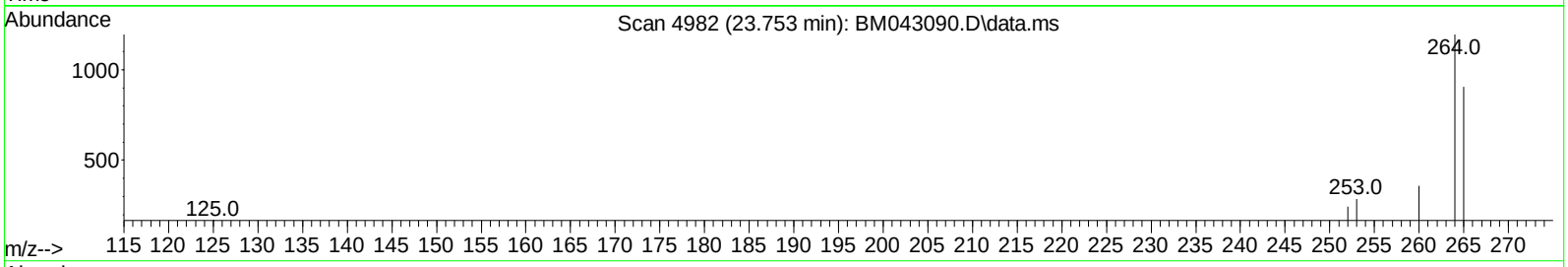

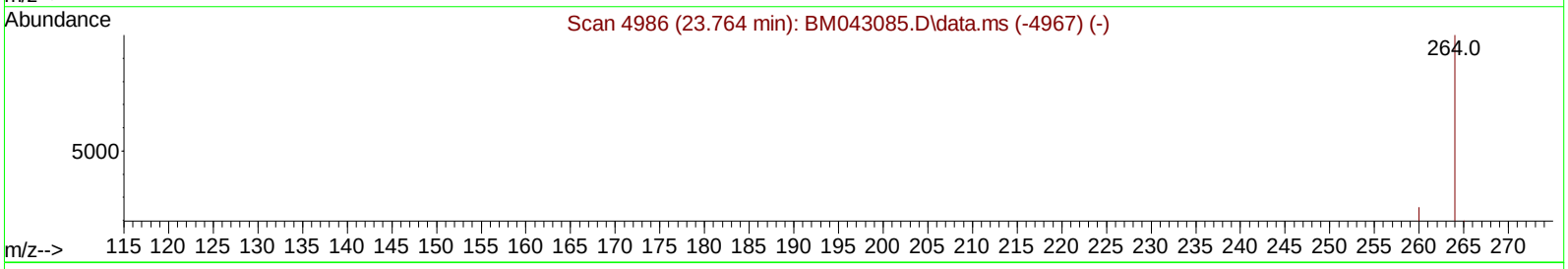

TIC: BM043090.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.012) 0.40 ng/ul

response 2958

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.04
265.00	120.30	75.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Misc :
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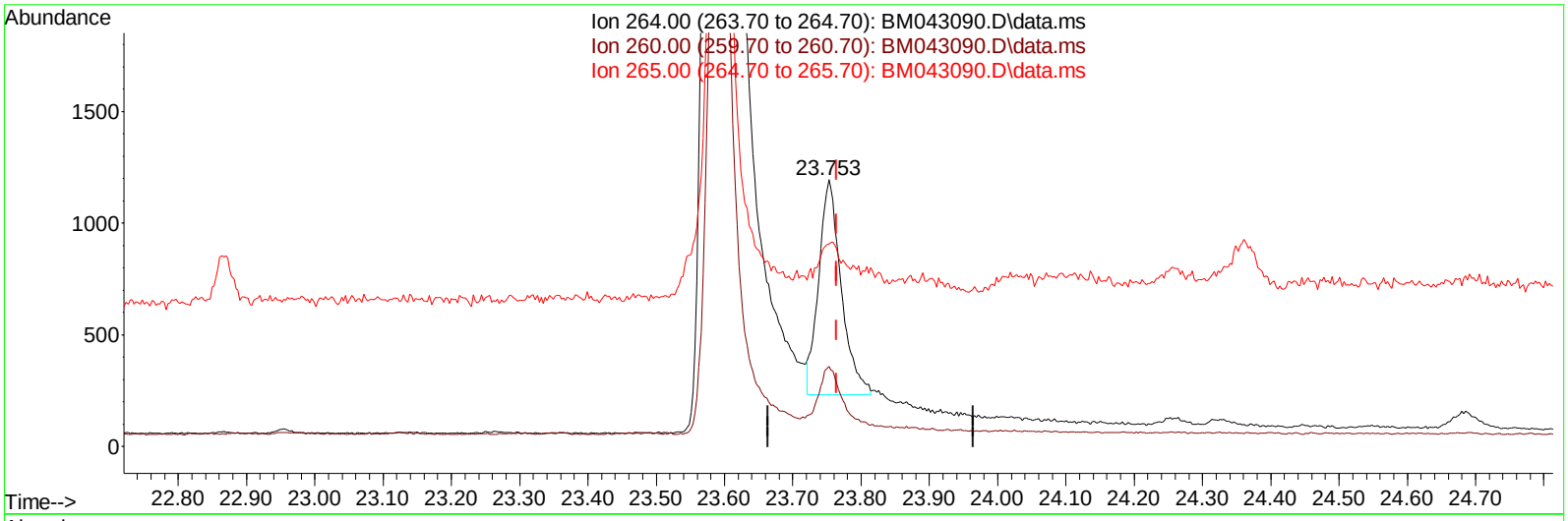

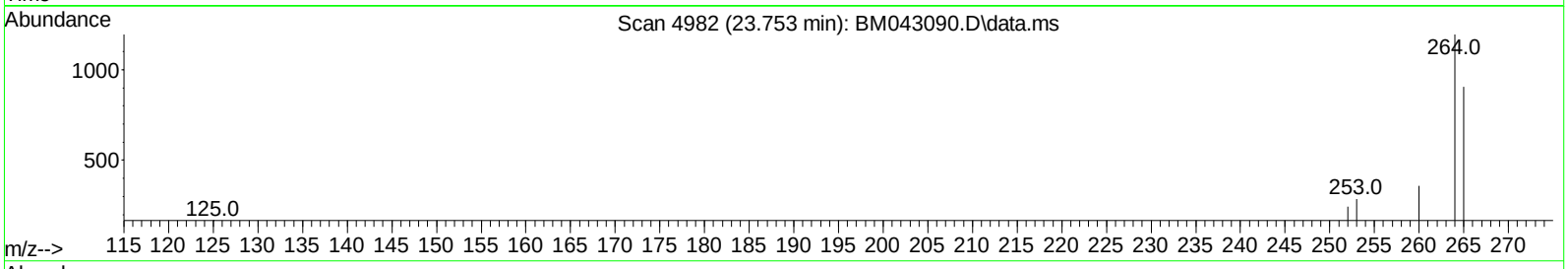

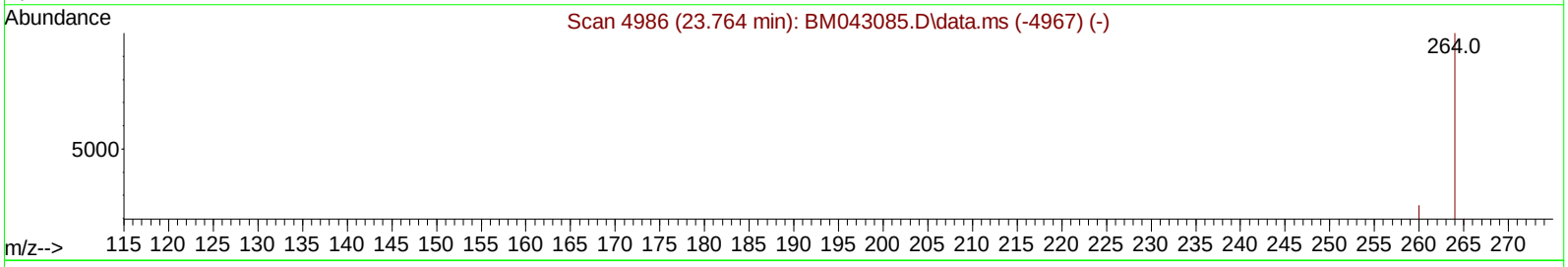

TIC: BM043090.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.012) 0.40 ng/ul m

response 2217

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.04
265.00	120.30	75.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043090.D
Acq On : 30 Nov 2023 18:15
Operator : MA/JU
Sample : 05497-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 01 00:43:52 2023
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BNA_M
ClientSampleId :
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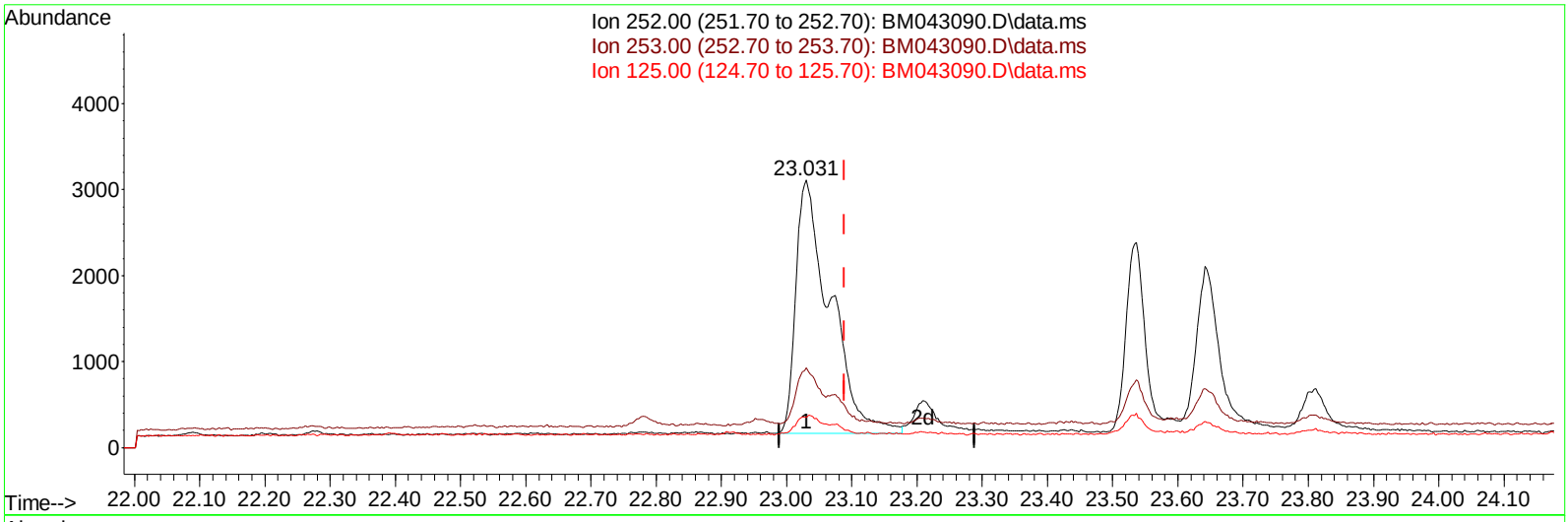

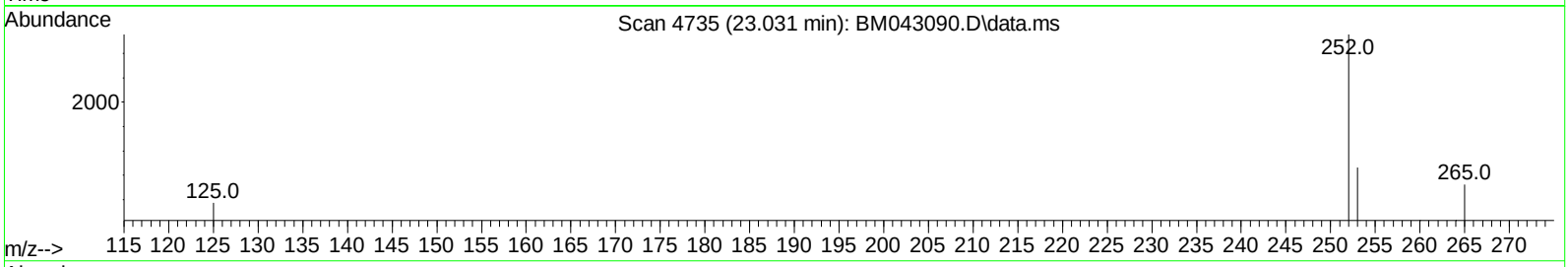

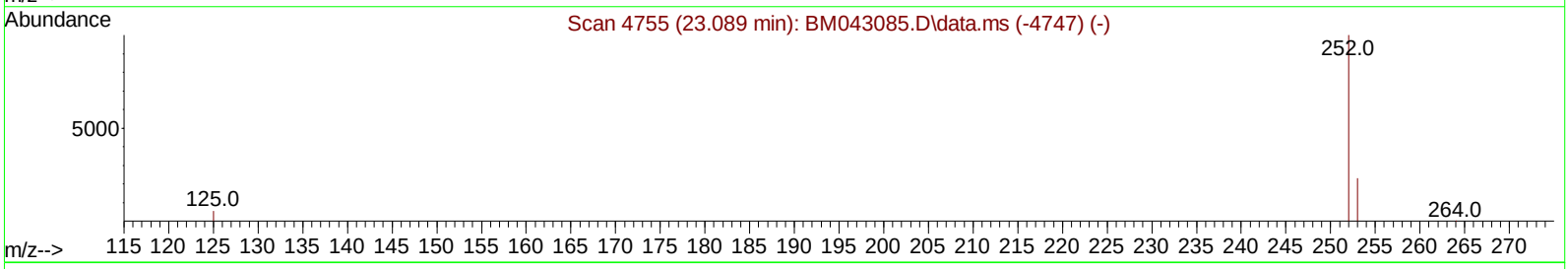

TIC: BM043090.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.058) 1.04 ng/ul

response 10684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	29.87
125.00	13.80	11.25
0.00	0.00	0.00

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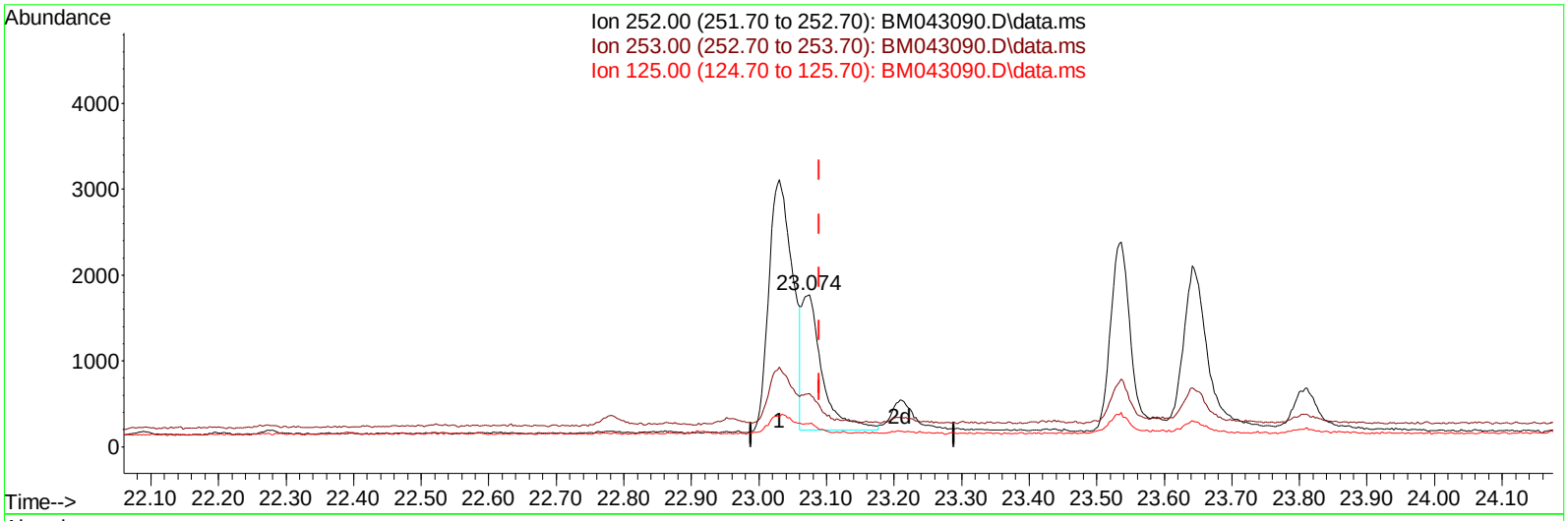

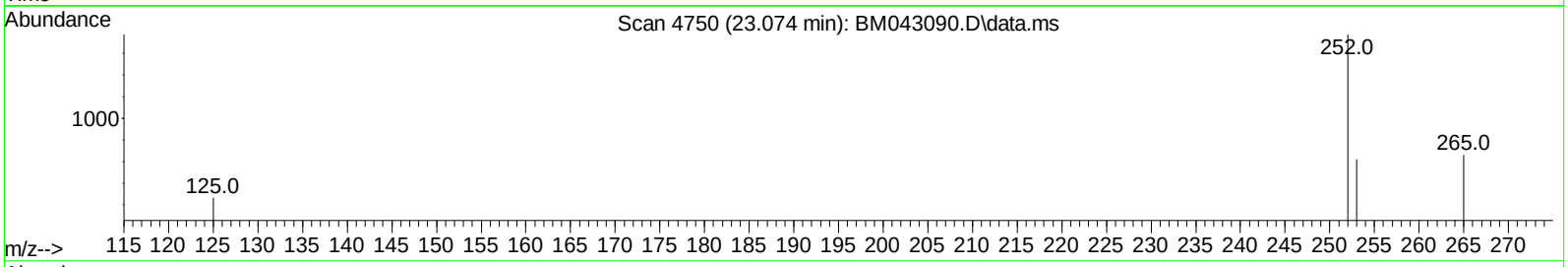

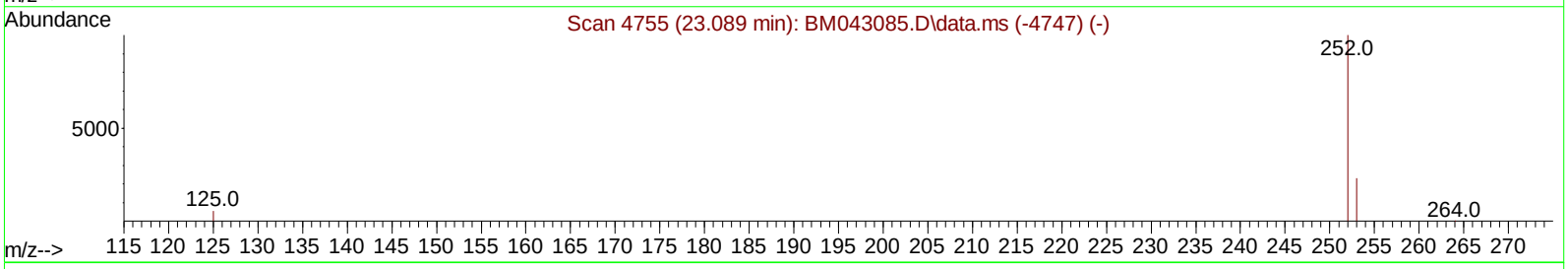

TIC: BM043090.D\data.ms

(25) Benzo(k)fluoranthene

23.074min (-0.015) 0.32 ng/ul m

response 3324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	35.03
125.00	13.80	15.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	824	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.612	136	2265	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1264m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	2489	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	1764	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	2217m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1142	0.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	468	0.154	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	1082	0.168	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.661	128	1099	0.179	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	732	0.202	ng/ul	98
8) 1-Methylnaphthalene	12.504	142	515	0.127	ng/ul	99
10) Acenaphthylene	14.183	152	243	0.038	ng/ul#	51
11) Acenaphthene	14.516	153	127	0.026	ng/ul#	88
12) Fluorene	15.511	166	176	0.035	ng/ul#	88
15) Phenanthrene	17.251	178	6019	0.847	ng/ul	95
16) Anthracene	17.344	178	1469	0.218	ng/ul#	91
19) Fluoranthene	19.272	202	10729	1.073	ng/ul#	91
20) Pyrene	19.634	202	9388	0.883	ng/ul#	94
21) Benzo(a)anthracene	21.388	228	5070	0.886	ng/ul	95
22) Chrysene	21.441	228	4908	0.460	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	7149	0.956	ng/ul	90
25) Benzo(k)fluoranthene	23.074	252	3324m	0.323	ng/ul	
26) Benzo(a)pyrene	23.642	252	4476	0.548	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.201	276	4047	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.208	278	1111	0.130	ng/ul#	79
29) Benzo(g,h,i)perylene	26.969	276	4309	0.401	ng/ul	98

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

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