Quantitation Report (Qedit)

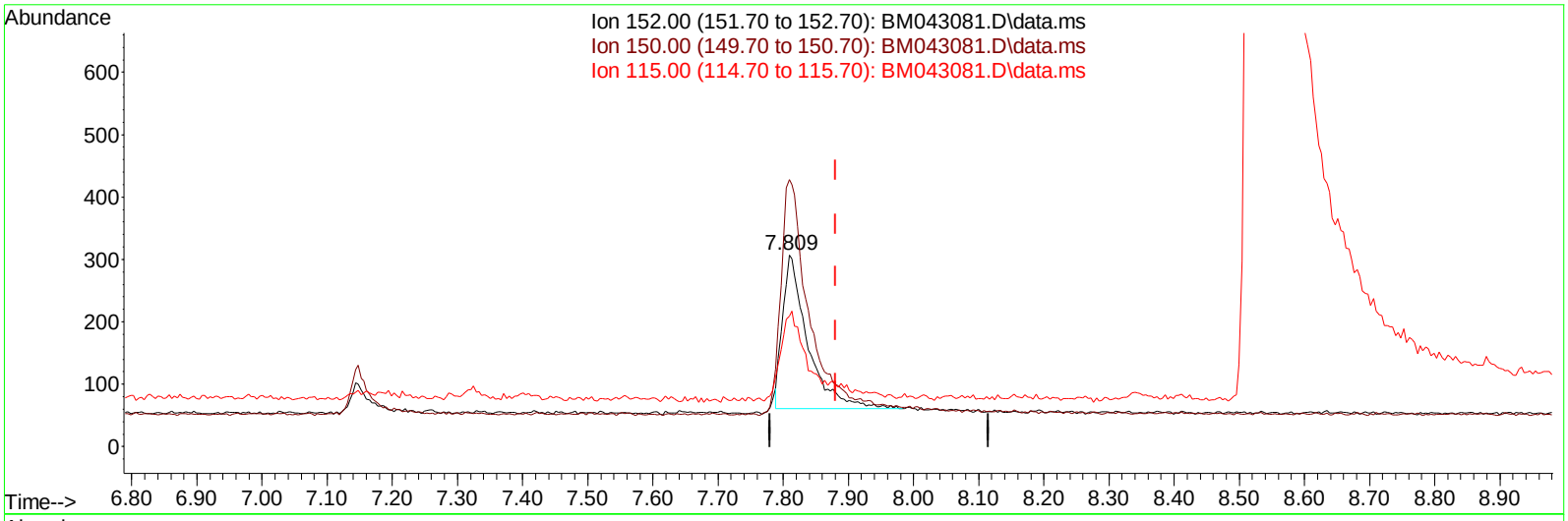
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043081.D
Acq On : 28 Nov 2023 20:45
Operator : MA/JU
Sample : 05416-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

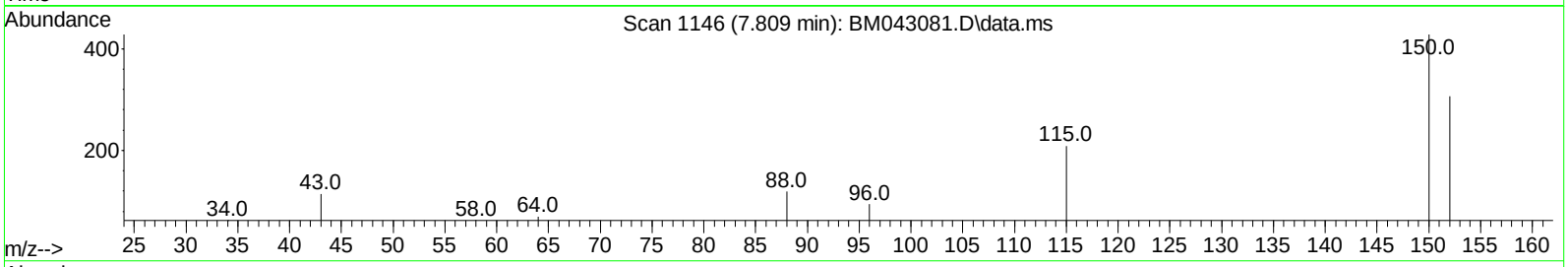
Quant Time: Nov 28 23:39:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

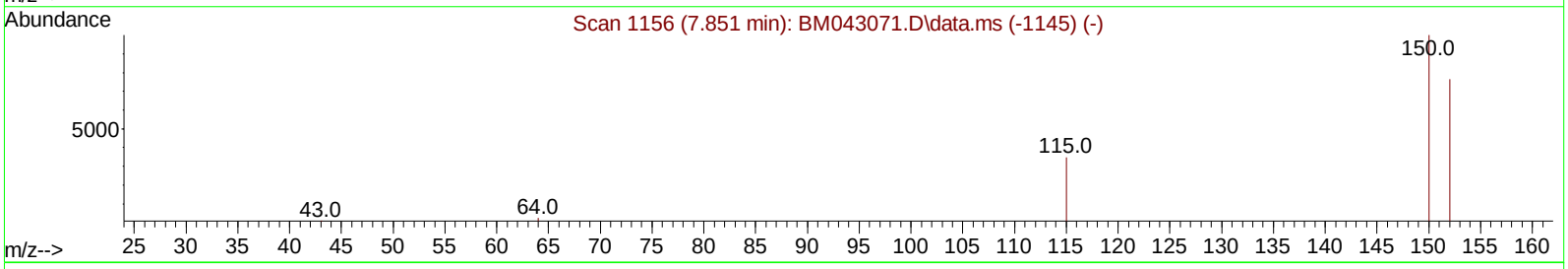
Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043081.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul

response 660

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	139.41
115.00	89.60	68.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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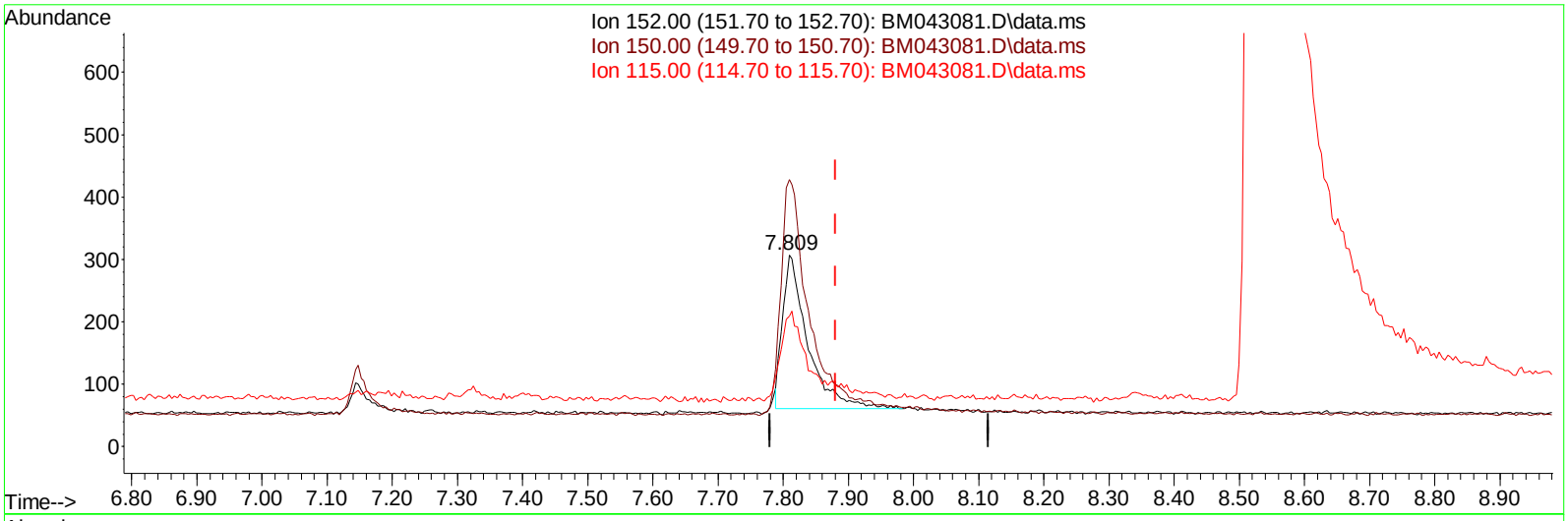

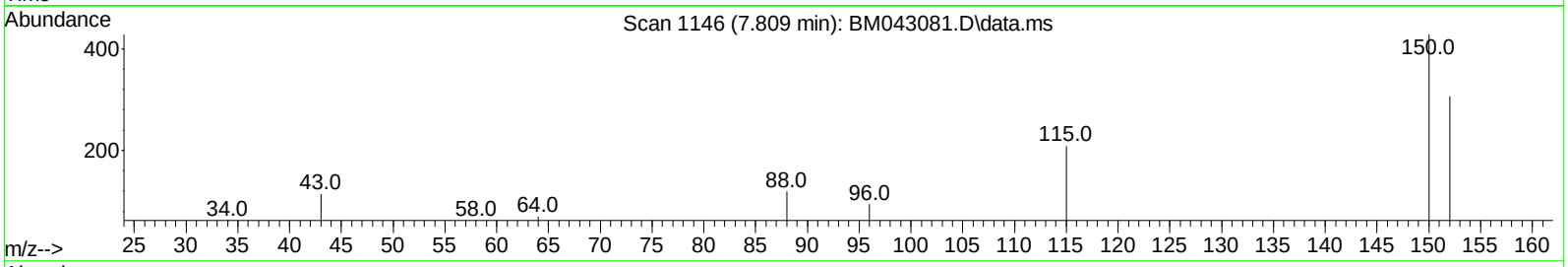

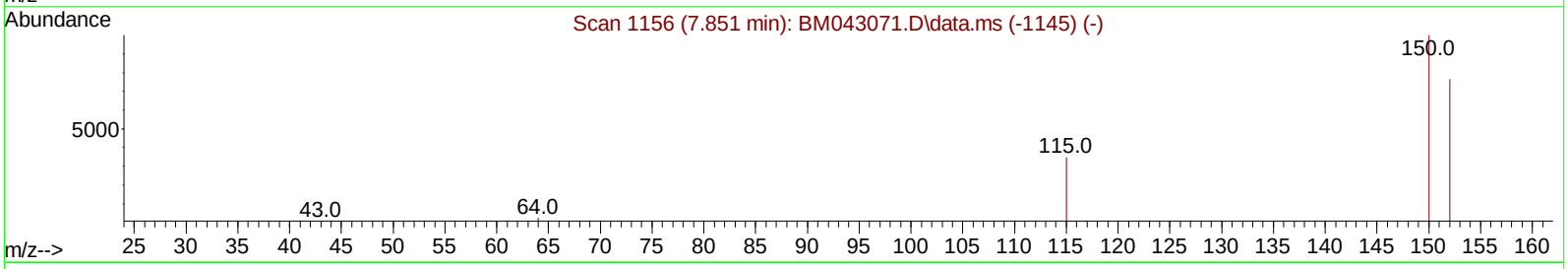

TIC: BM043081.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul

response 660

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	139.41
115.00	89.60	68.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

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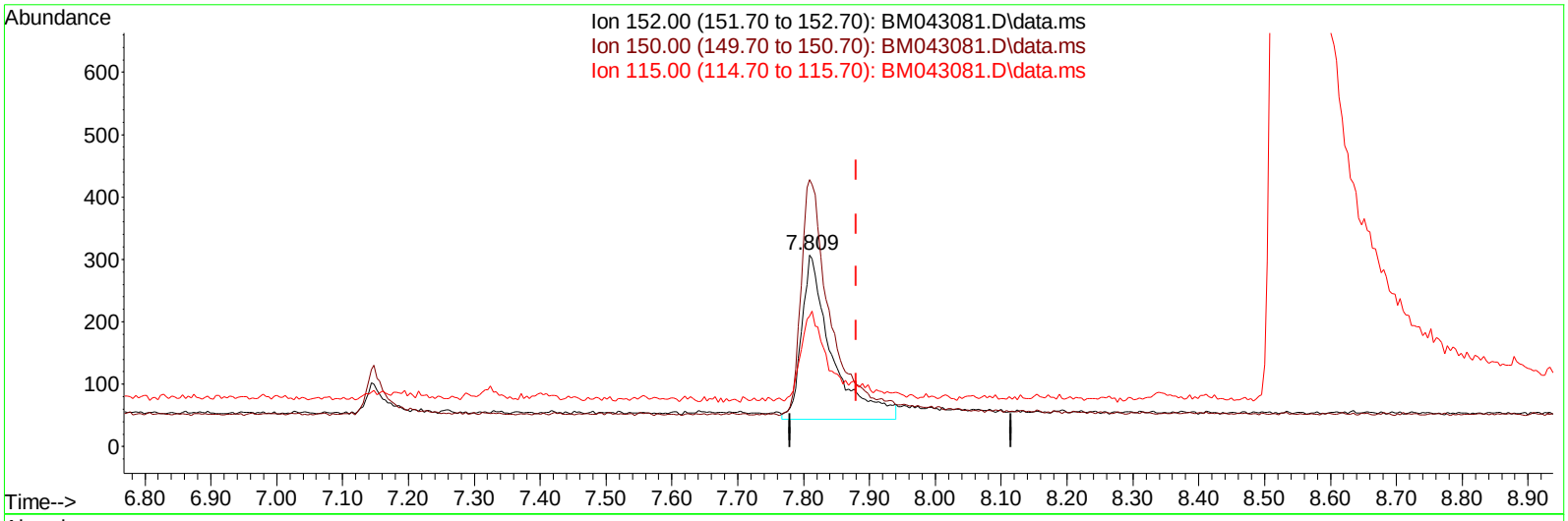

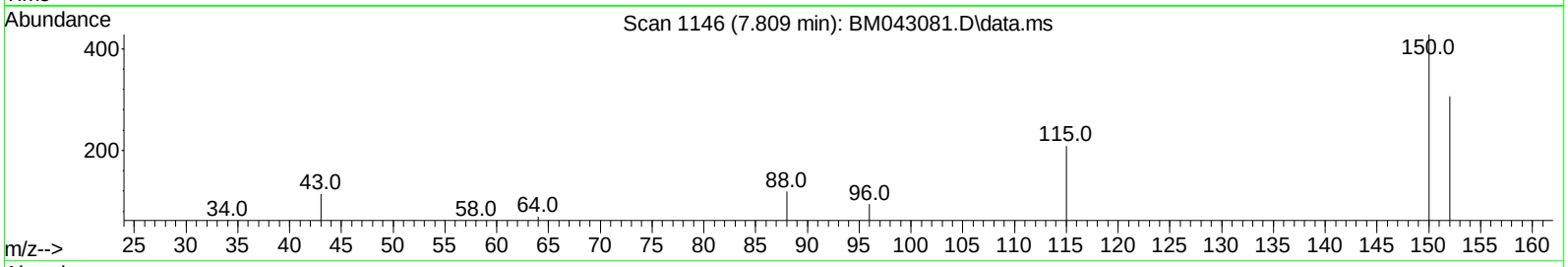

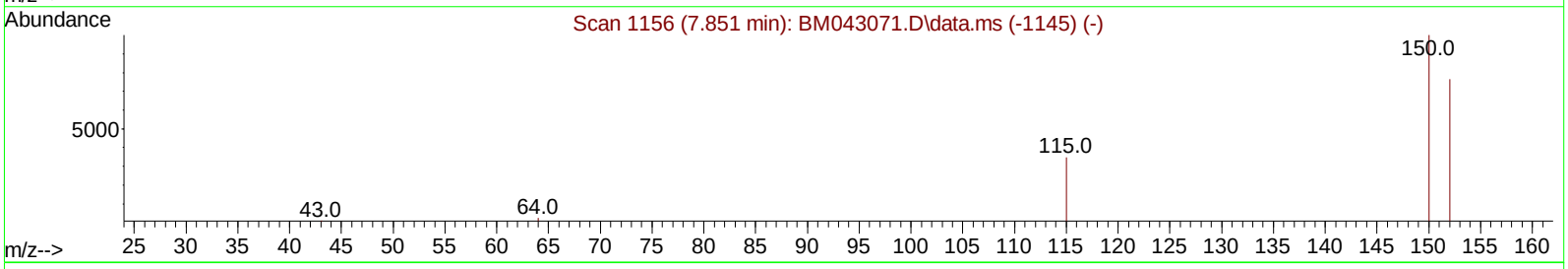

TIC: BM043081.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul m

response 839

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	139.41
115.00	89.60	68.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

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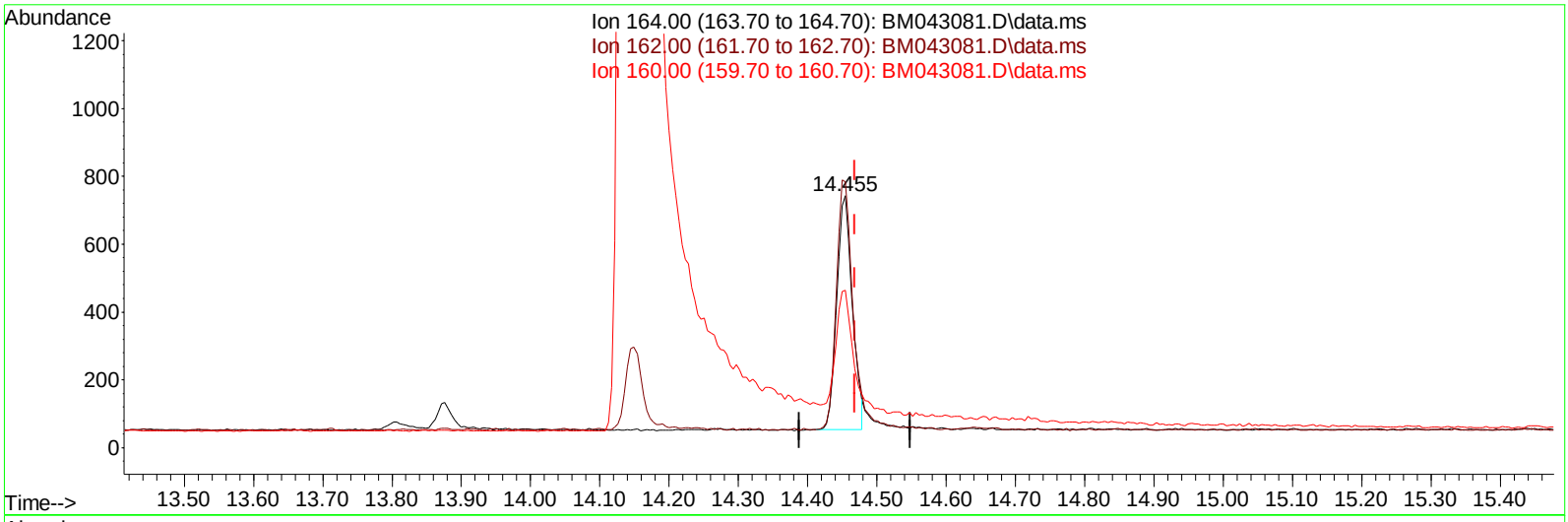

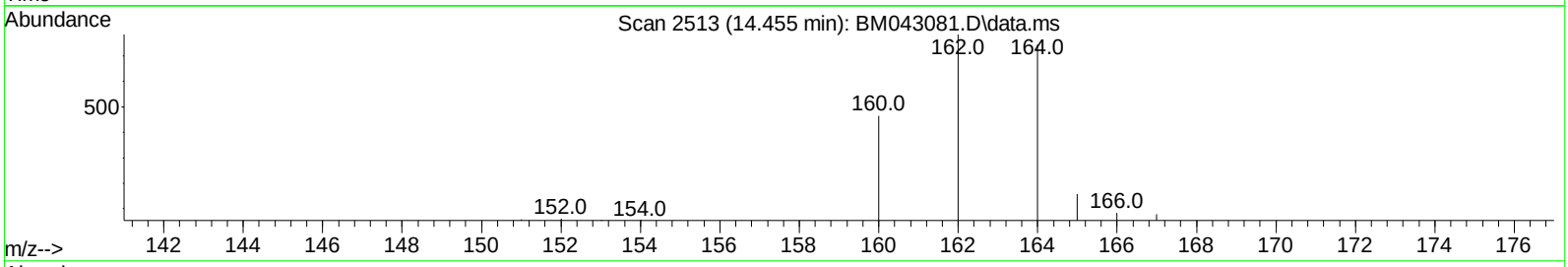

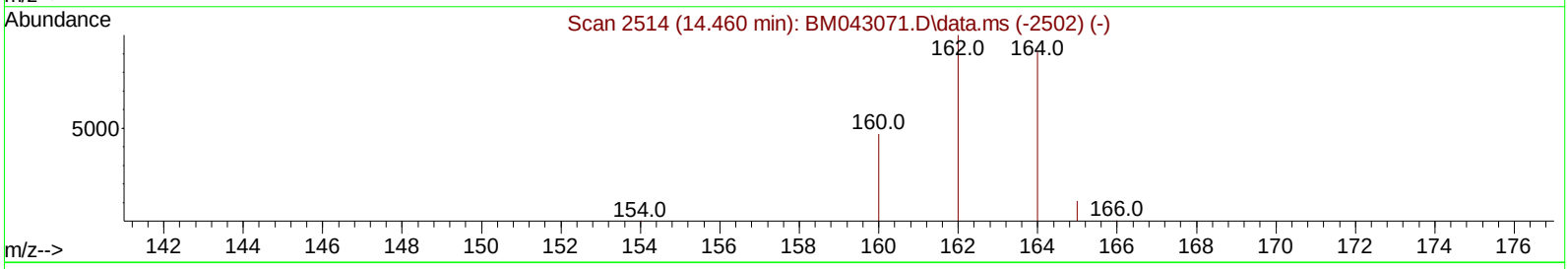

TIC: BM043081.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul

response 1085

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.38
160.00	57.20	62.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043081.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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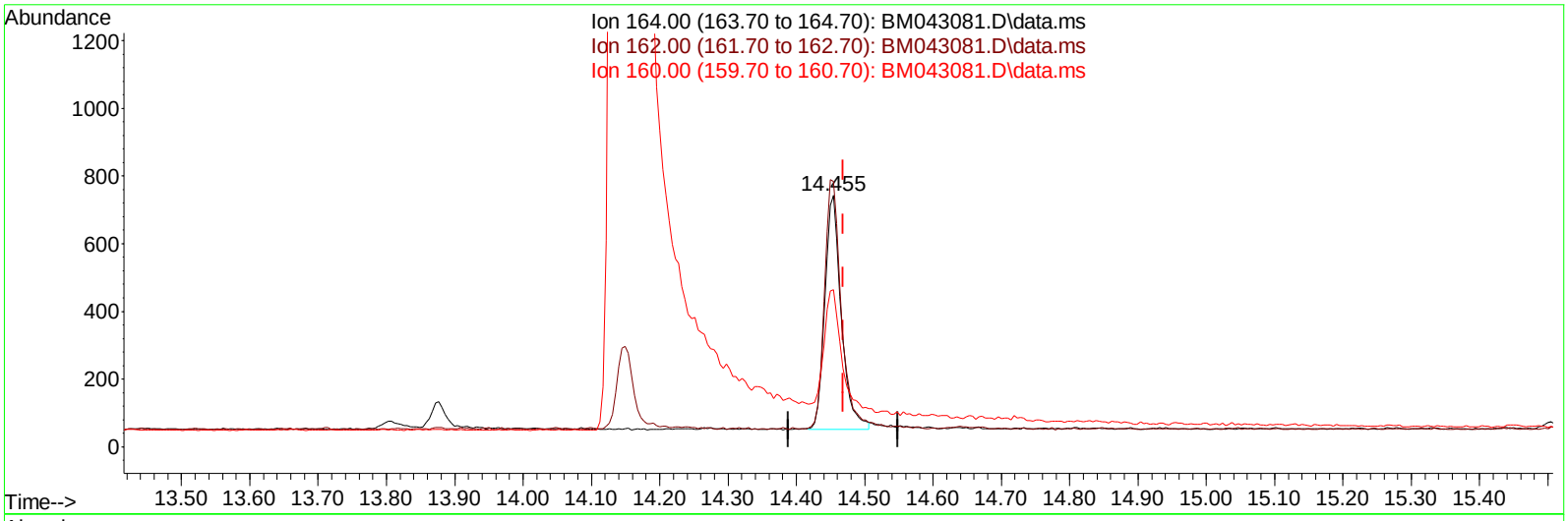

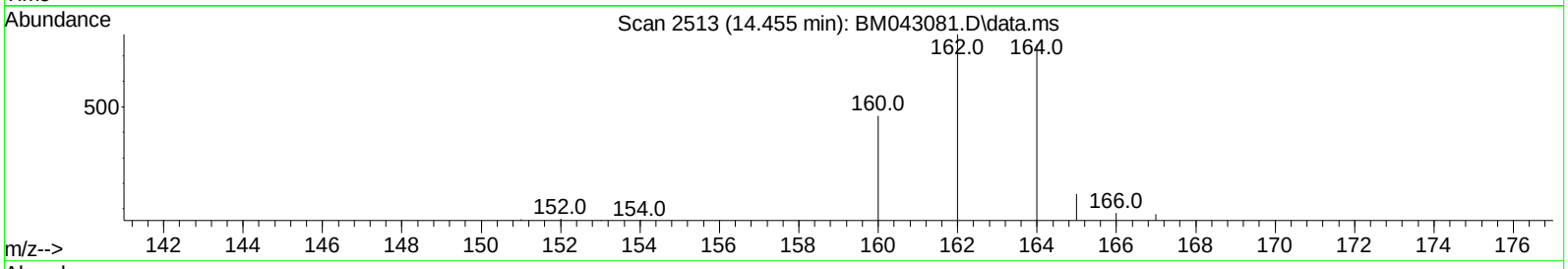

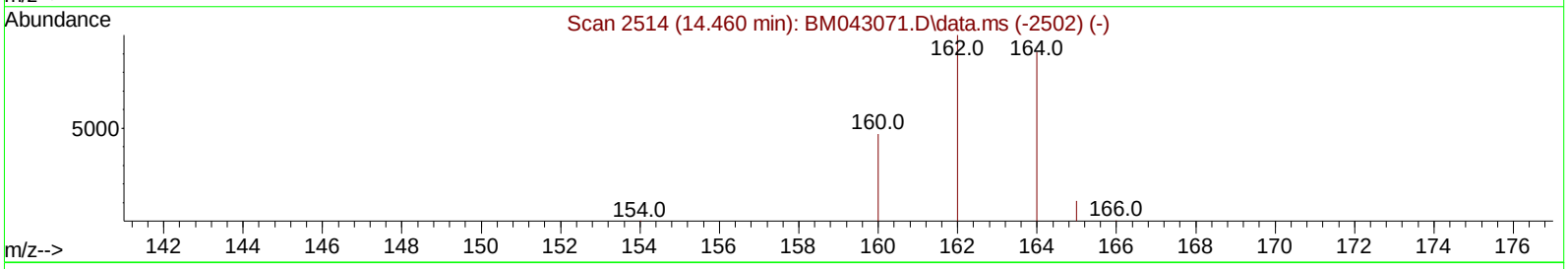

TIC: BM043081.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul m

response 1149

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.38
160.00	57.20	62.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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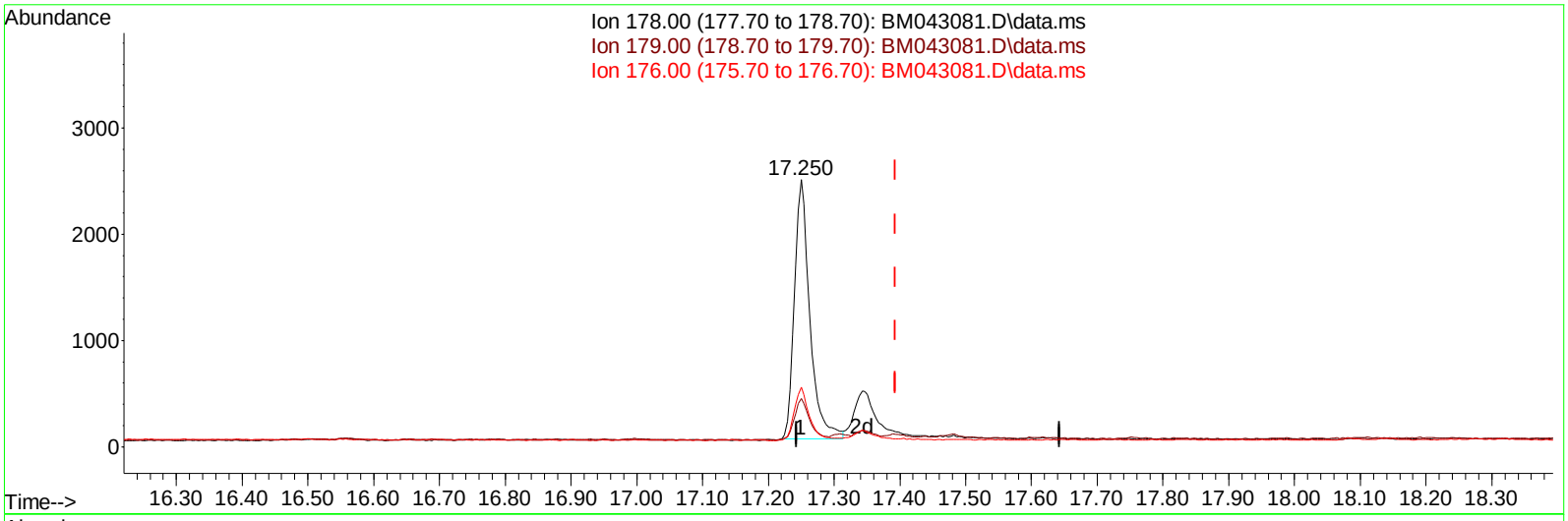

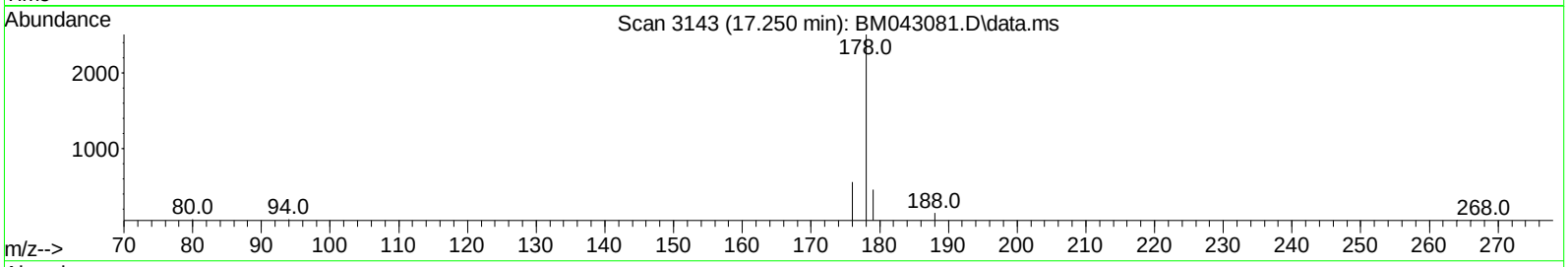

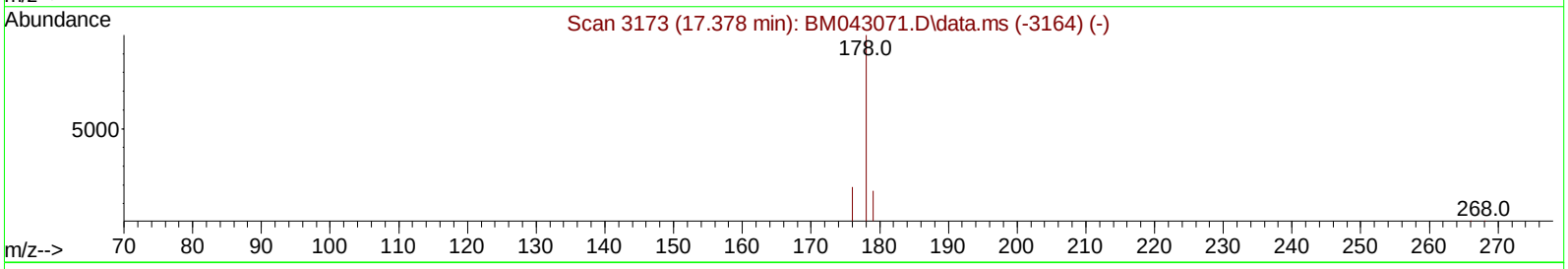

TIC: BM043081.D\data.ms

(16) Anthracene

17.250min (-0.143) 0.64 ng/ul

response 3996

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.07
176.00	25.60	22.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043081.D
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Misc :
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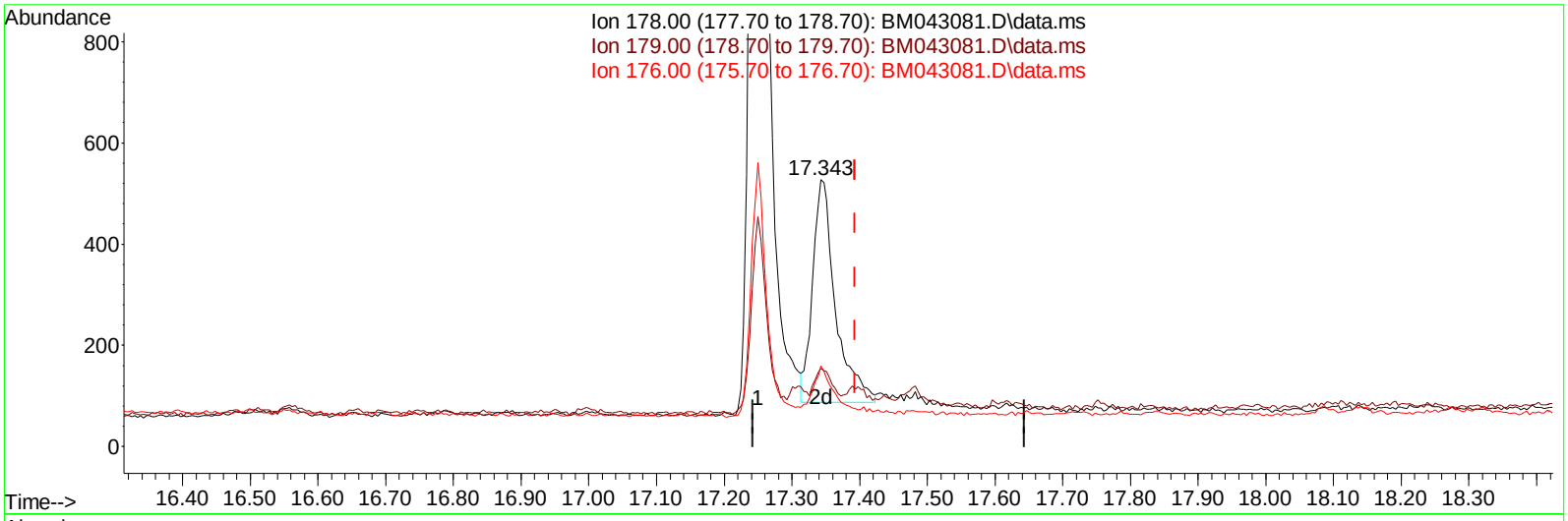

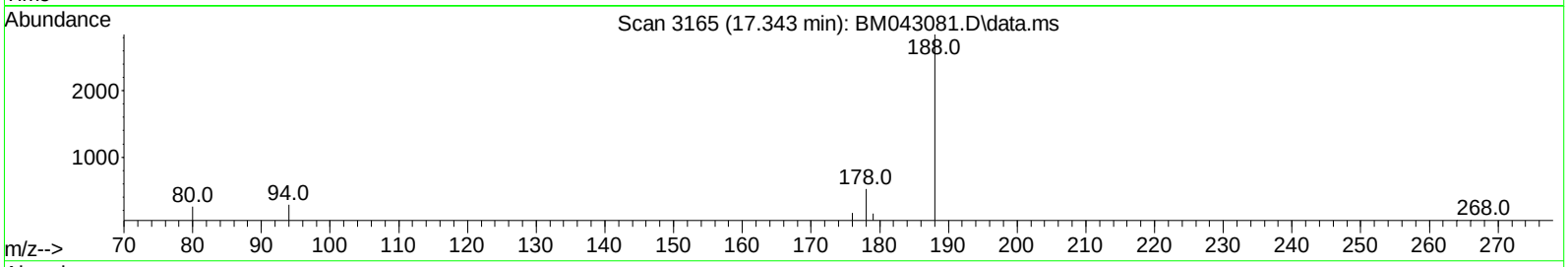

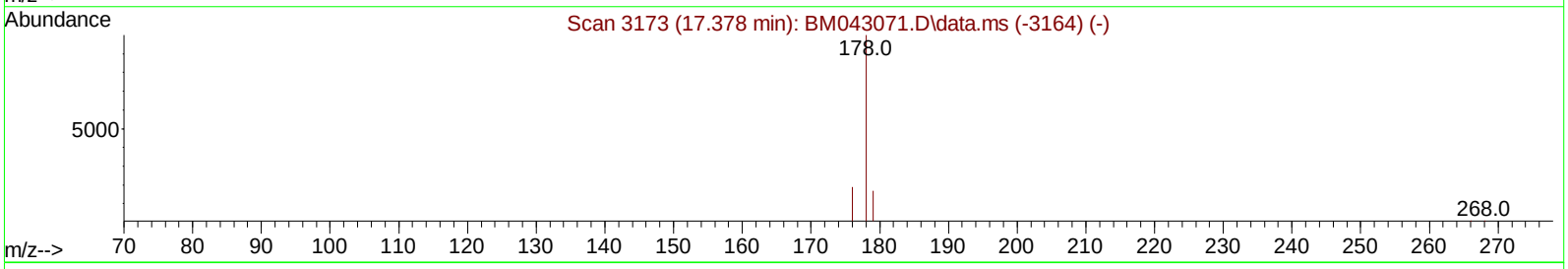

TIC: BM043081.D\data.ms

(16) Anthracene

17.343min (-0.050) 0.17 ng/ul m

response 1030

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	29.22#
176.00	25.60	30.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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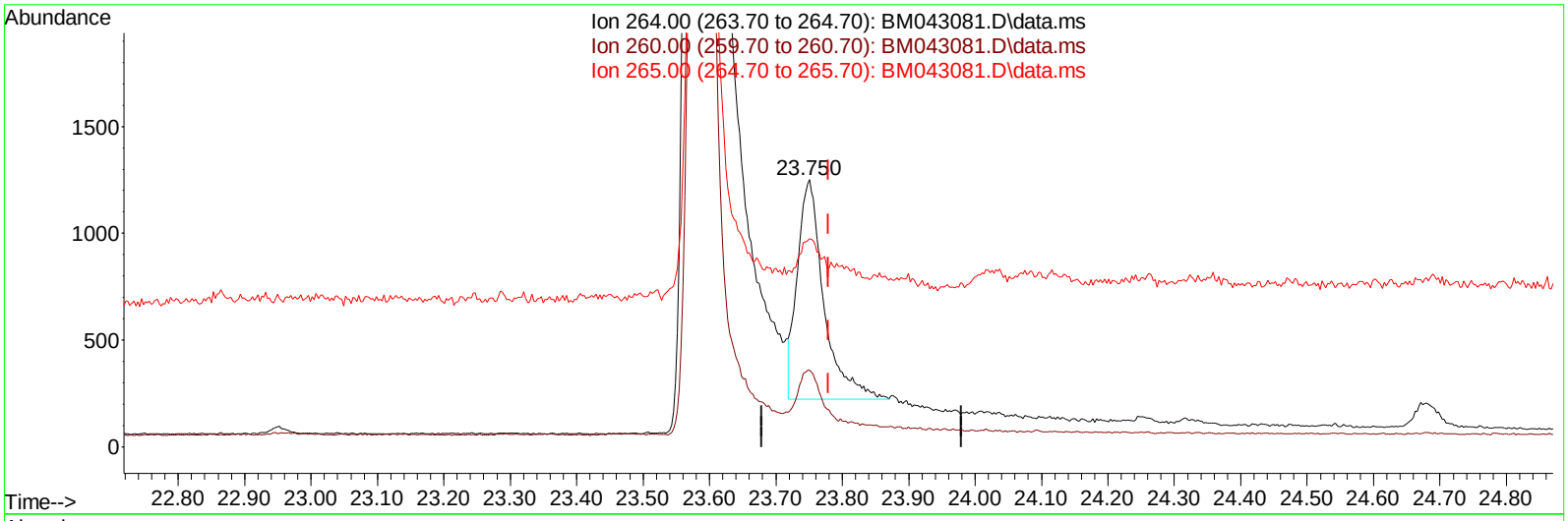

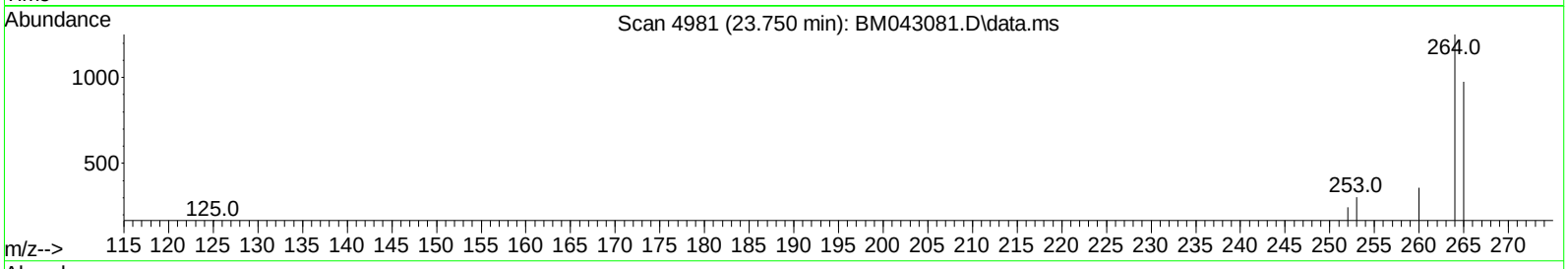

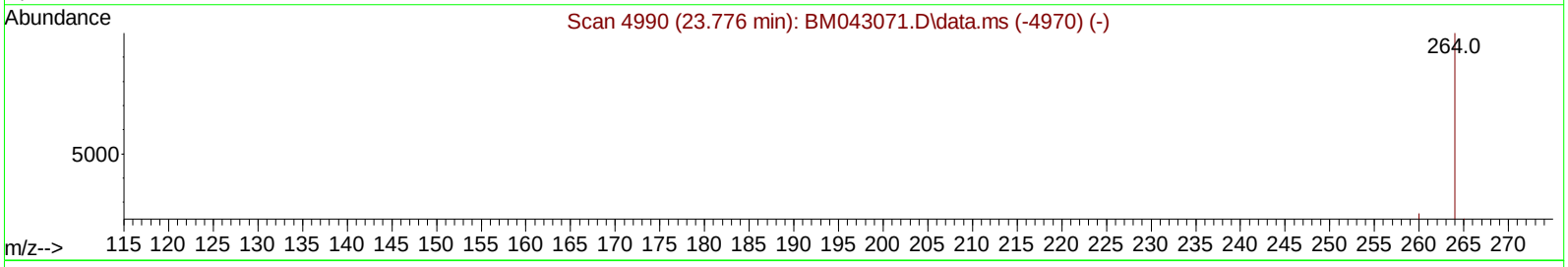

TIC: BM043081.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.029) 0.40 ng/ul

response 2862

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.56
265.00	120.30	77.84#
0.00	0.00	0.00

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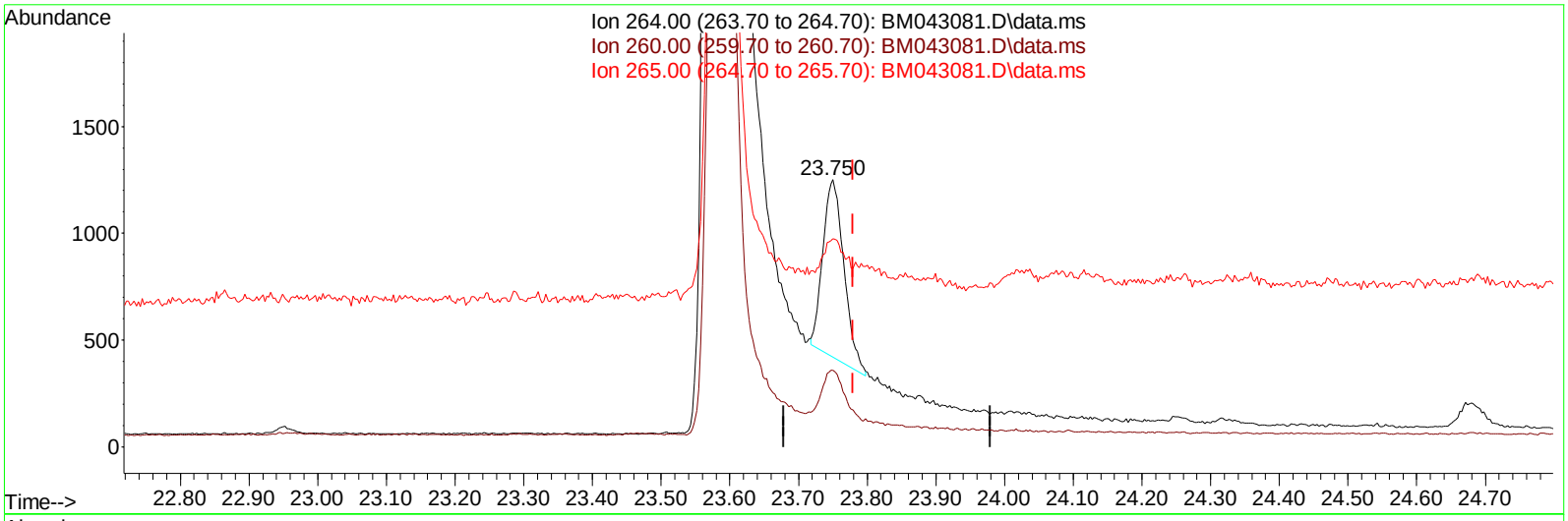

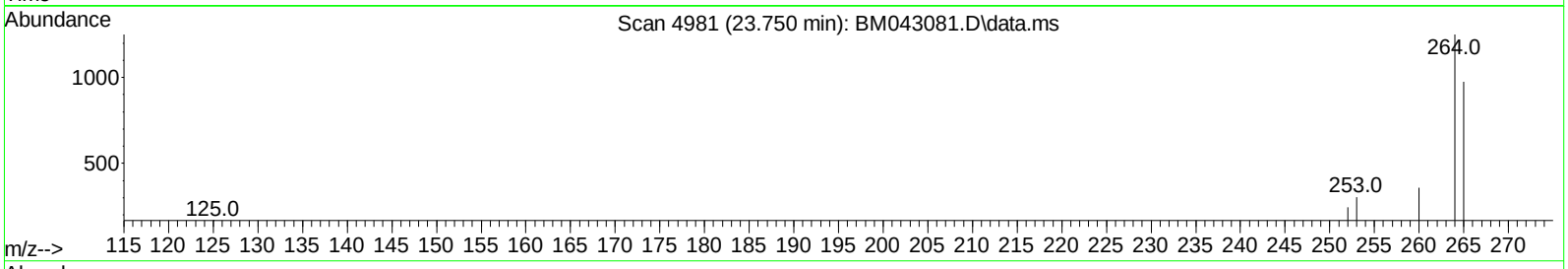

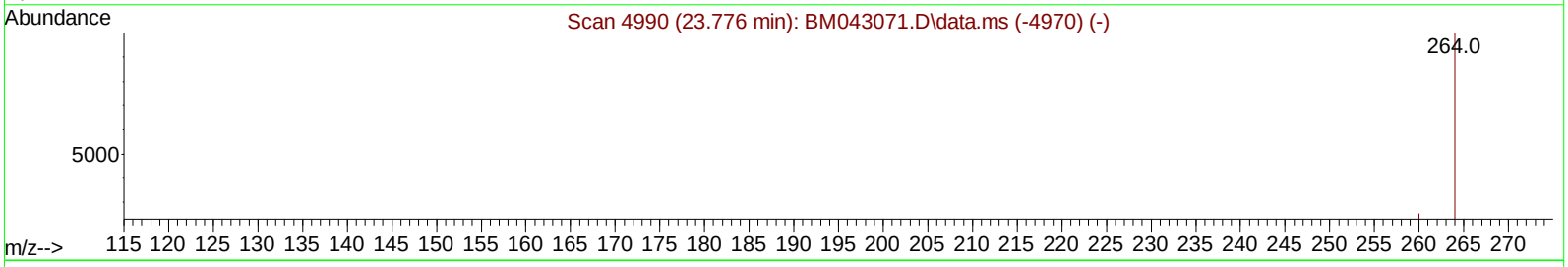

TIC: BM043081.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.029) 0.40 ng/ul m

response 1757

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.56
265.00	120.30	77.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

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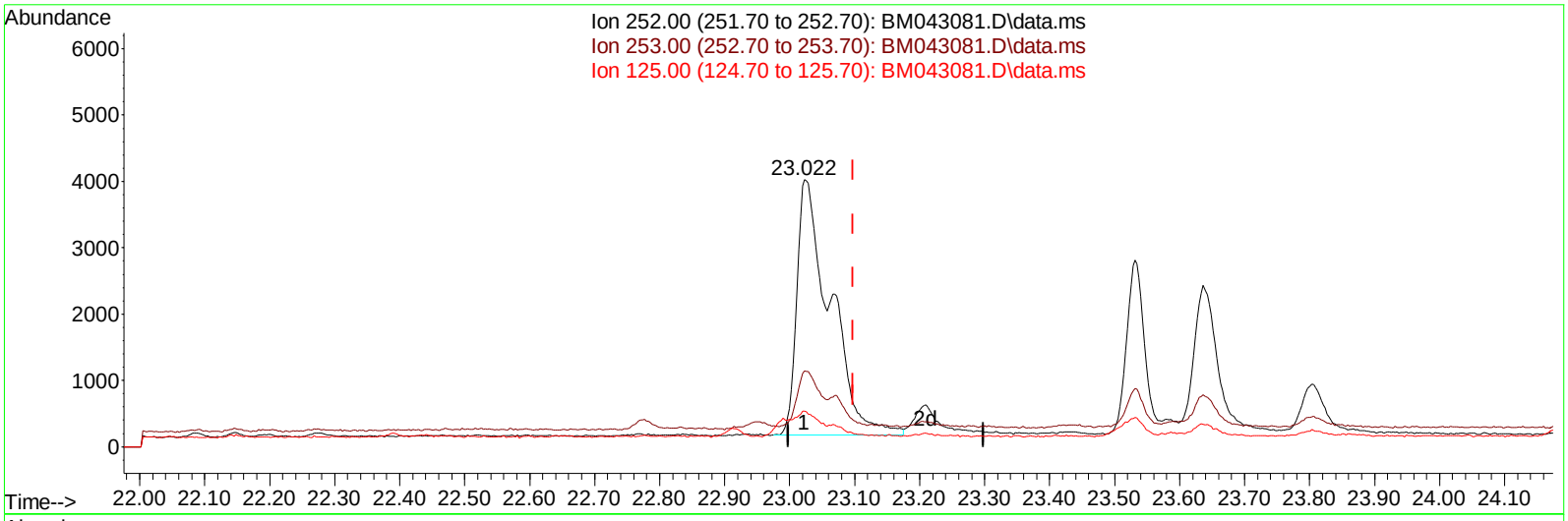

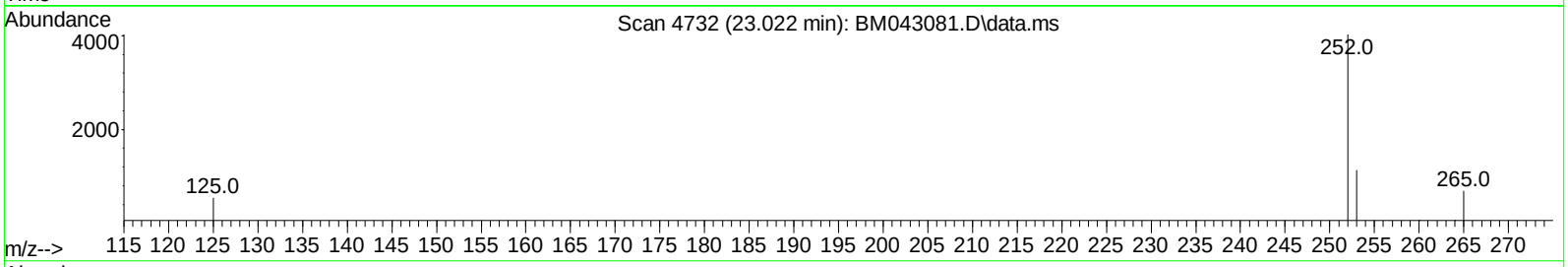

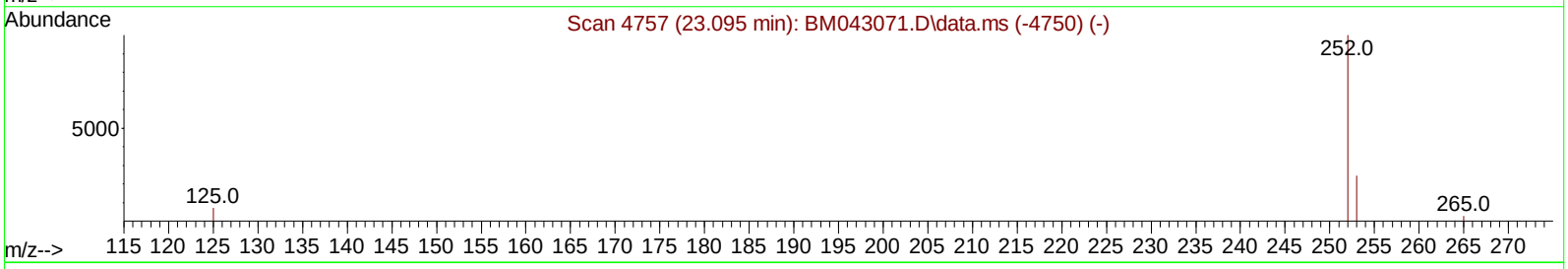

TIC: BM043081.D\data.ms

(25) Benzo(k)fluoranthene

23.022min (-0.076) 1.68 ng/ul

response 13724

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	28.33
125.00	13.80	13.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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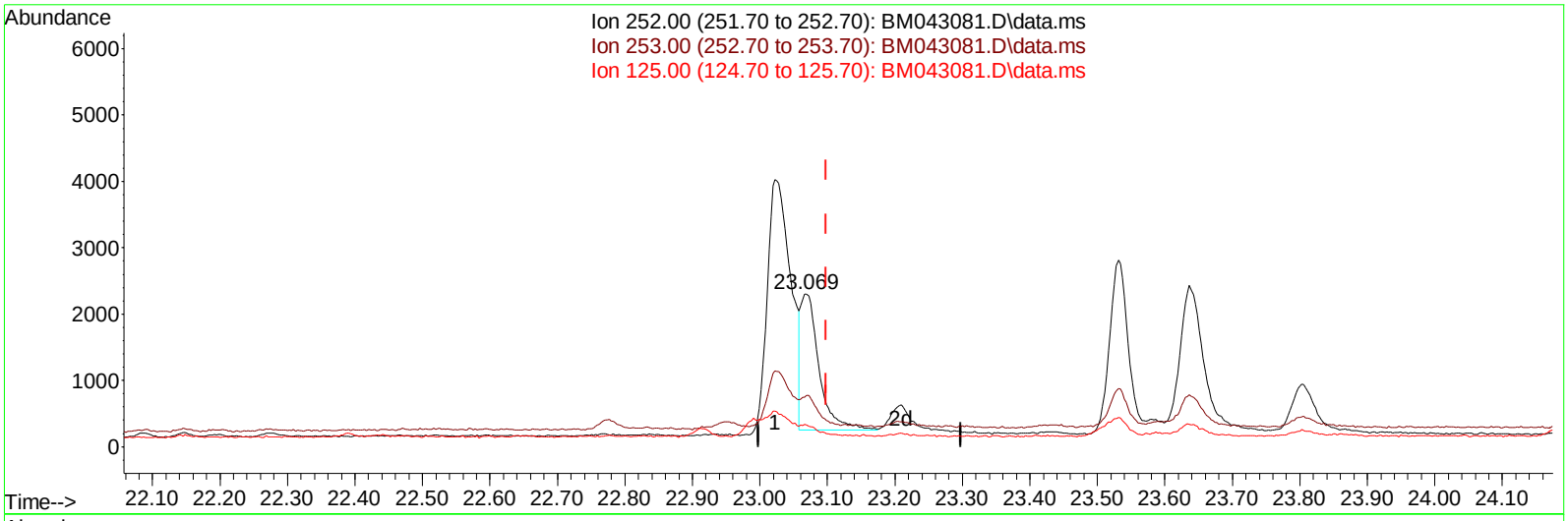

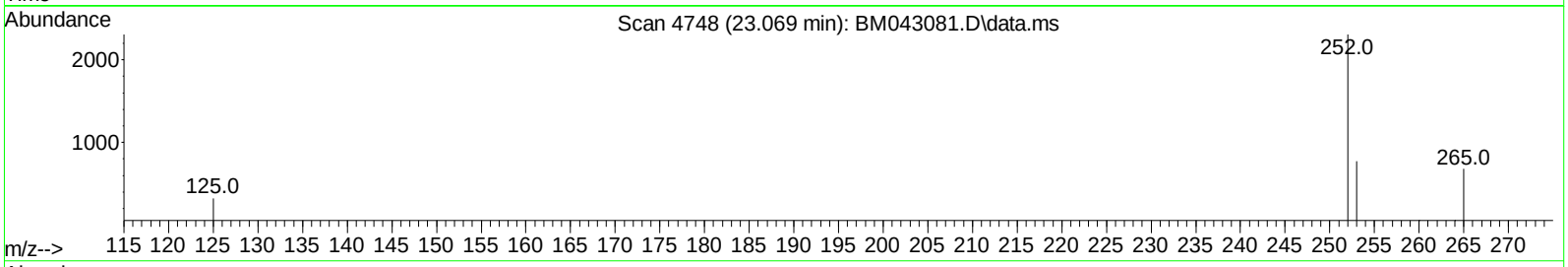

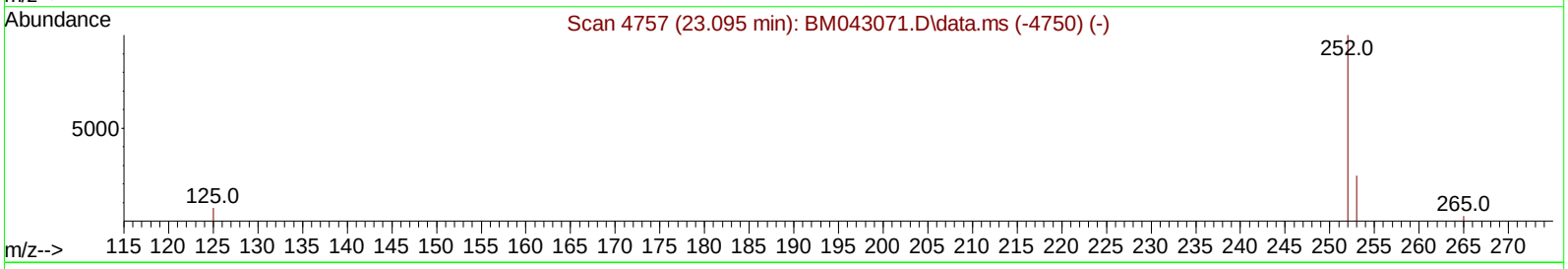

TIC: BM043081.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.029) 0.48 ng/ul m

response 3905

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	33.61
125.00	13.80	14.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043081.D
Acq On : 28 Nov 2023 20:45
Operator : MA/JU
Sample : 05416-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 28 23:39:58 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AG7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	839m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2076	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1149m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	2306	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	1753	0.400	ng/ul	-0.02
23) Perylene-d12	23.750	264	1757m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1799	1.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	542	0.195	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1226	0.192	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.660	128	597	0.106	ng/ul#	84
7) 2-Methylnaphthalene	12.294	142	471	0.142	ng/ul	92
8) 1-Methylnaphthalene	12.503	142	326	0.088	ng/ul	98
10) Acenaphthylene	14.182	152	540	0.092	ng/ul#	80
11) Acenaphthene	14.515	153	98	0.022	ng/ul#	88
12) Fluorene	15.505	166	320	0.070	ng/ul#	93
15) Phenanthrene	17.250	178	4060	0.617	ng/ul	97
16) Anthracene	17.343	178	1030m	0.165	ng/ul	
19) Fluoranthene	19.266	202	14466	1.456	ng/ul#	94
20) Pyrene	19.633	202	12942	1.225	ng/ul#	94
21) Benzo(a)anthracene	21.386	228	6022	1.059	ng/ul	98
22) Chrysene	21.438	228	5414	0.511	ng/ul	97
24) Benzo(b)fluoranthene	23.022	252	9331	1.574	ng/ul	90
25) Benzo(k)fluoranthene	23.069	252	3905m	0.478	ng/ul	
26) Benzo(a)pyrene	23.636	252	5255	0.812	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.199	276	4208	0.481	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	909	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	26.963	276	4087	0.480	ng/ul	99

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

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