Quantitation Report (Qedit)

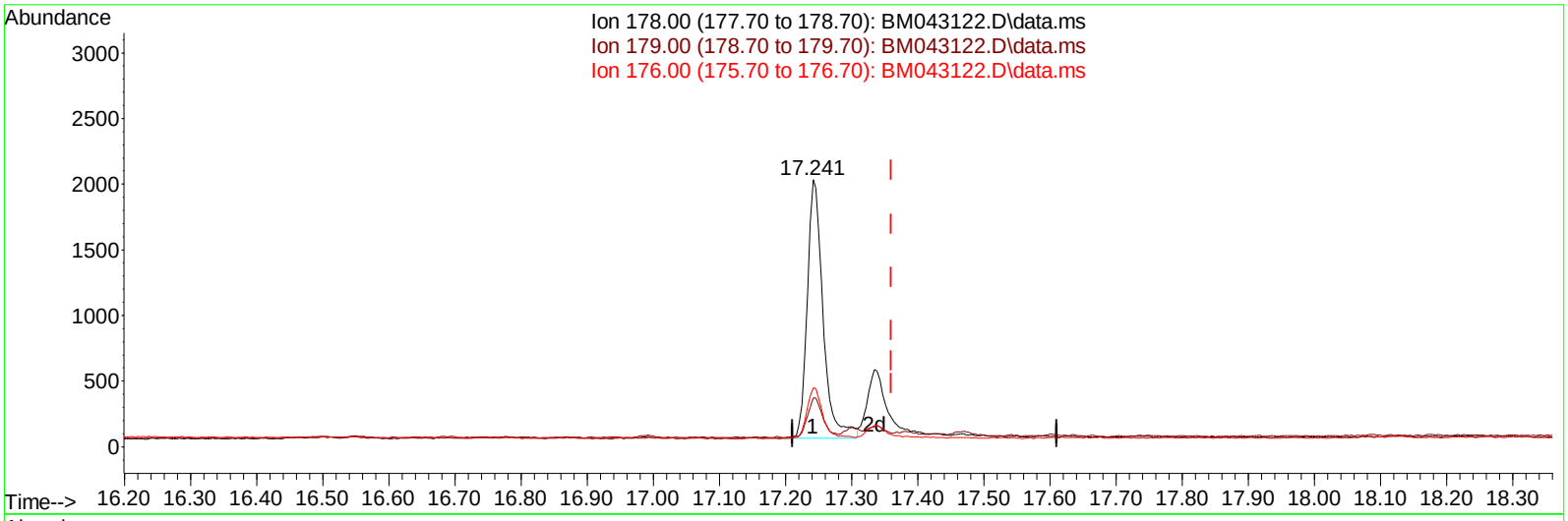
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043122.D
Acq On : 01 Dec 2023 14:36
Operator : MA/JU
Sample : 05416-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

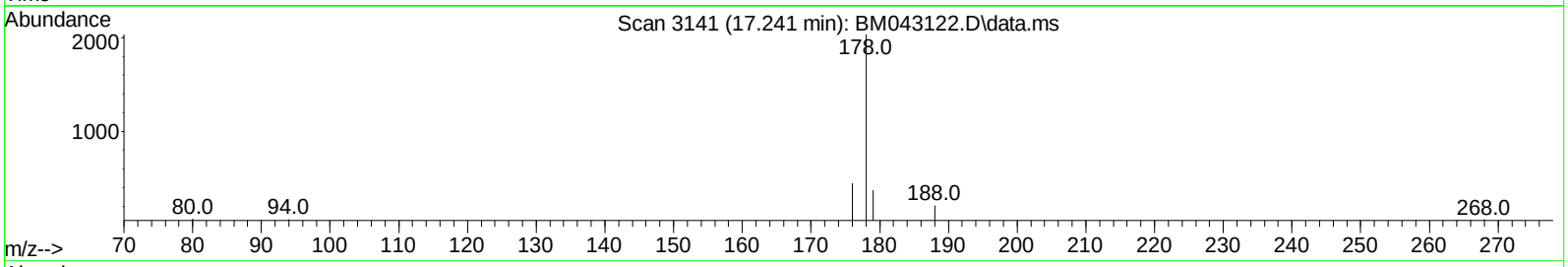
Quant Time: Dec 02 00:06:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration

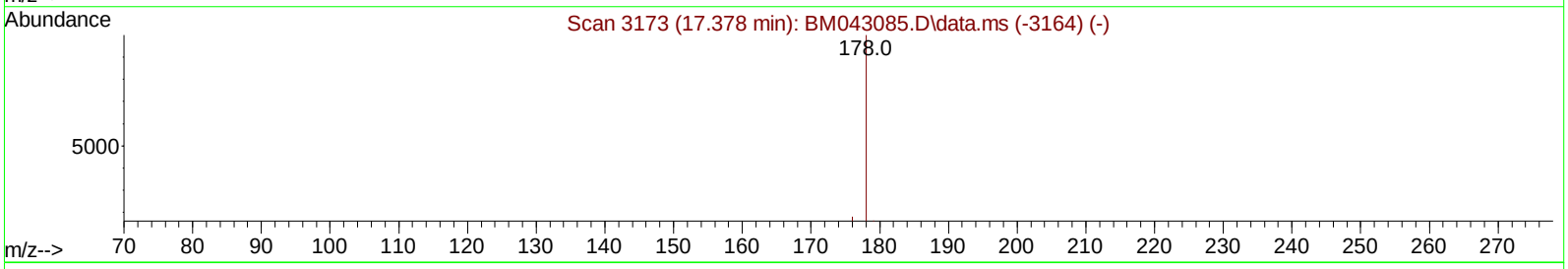
Instrument :
BNA_M
ClientSampleId :
C0AH2

Manual IntegrationsAPPROVED

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







TIC: BM043122.D\data.ms

(16) Anthracene

17.241min (-0.119) 0.31 ng/ul

response 3275

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.30
176.00	25.60	22.09
0.00	0.00	0.00

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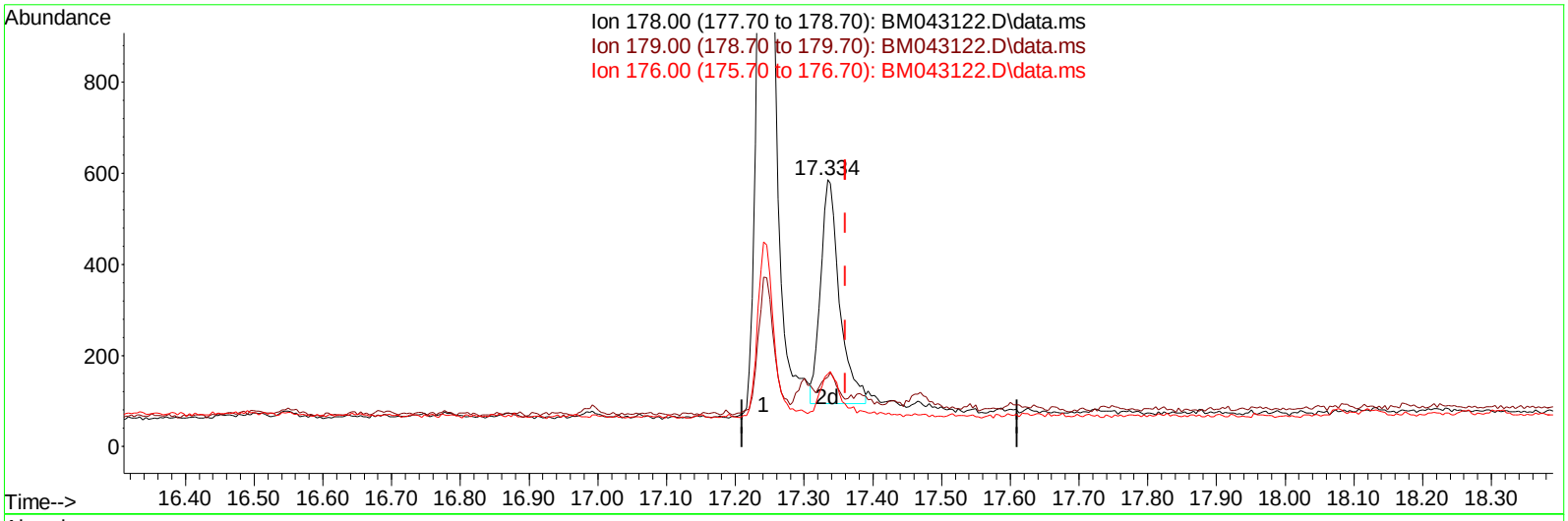

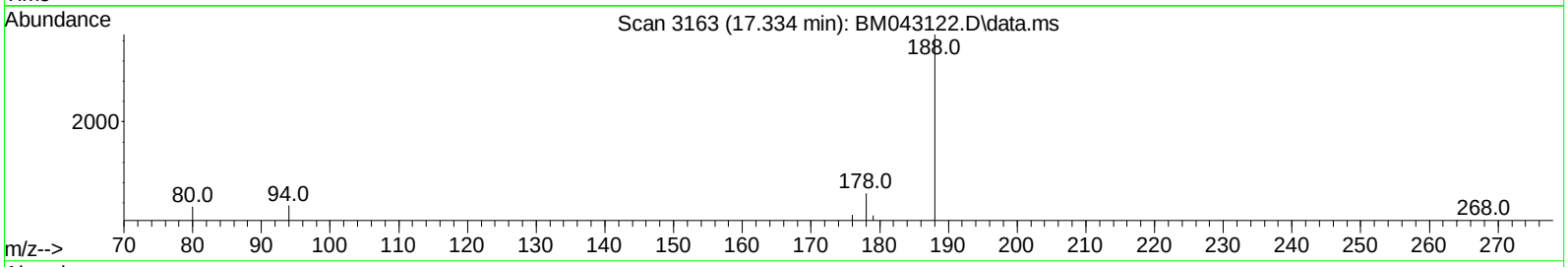

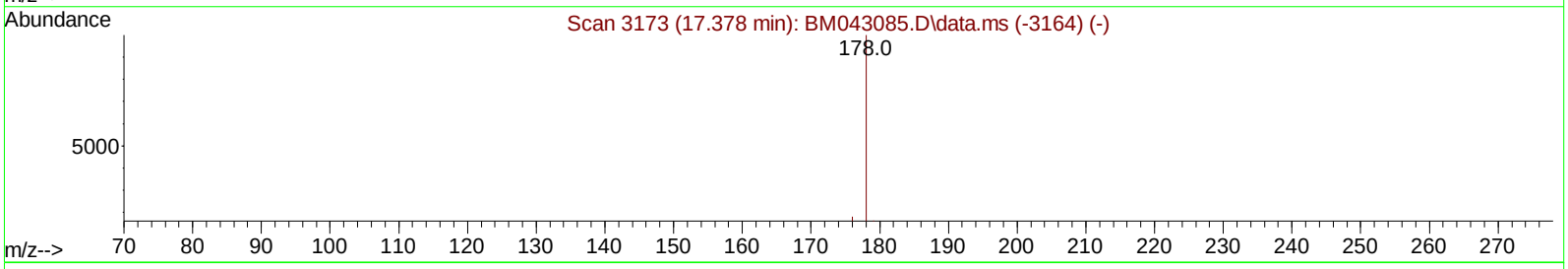

TIC: BM043122.D\data.ms

(16) Anthracene

17.334min (-0.026) 0.09 ng/ul m

response 939

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	26.11#
176.00	25.60	27.13
0.00	0.00	0.00

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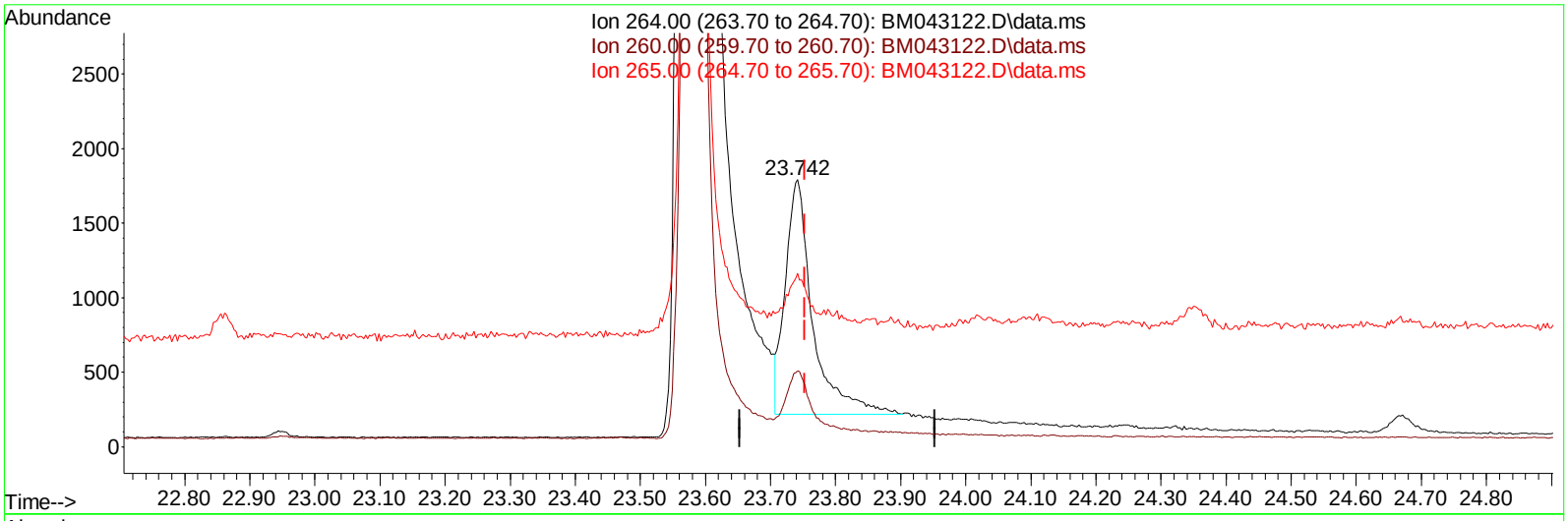

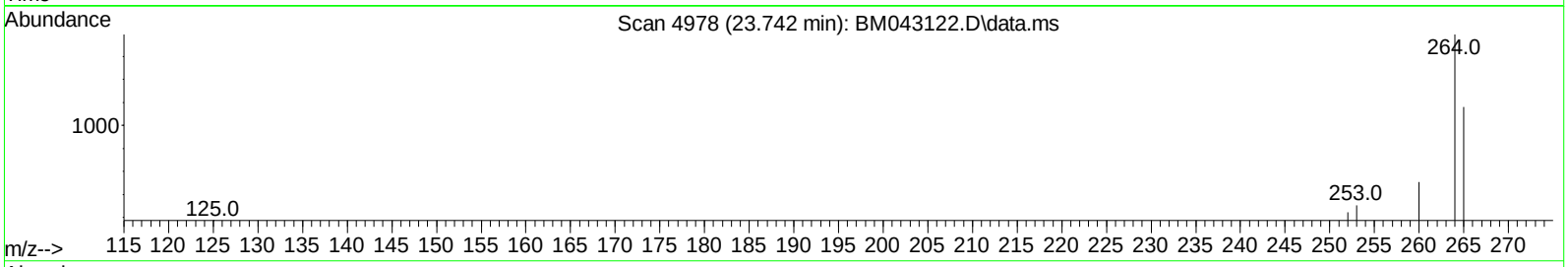

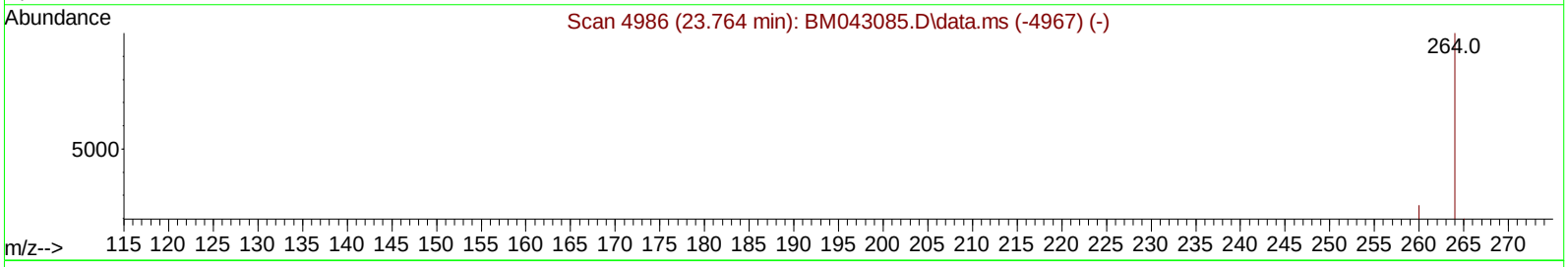

TIC: BM043122.D\data.ms

(23) Perylene-d12 (I)

23.742min (-0.011) 0.40 ng/ul

response 4645

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.38
265.00	120.30	64.92#
0.00	0.00	0.00

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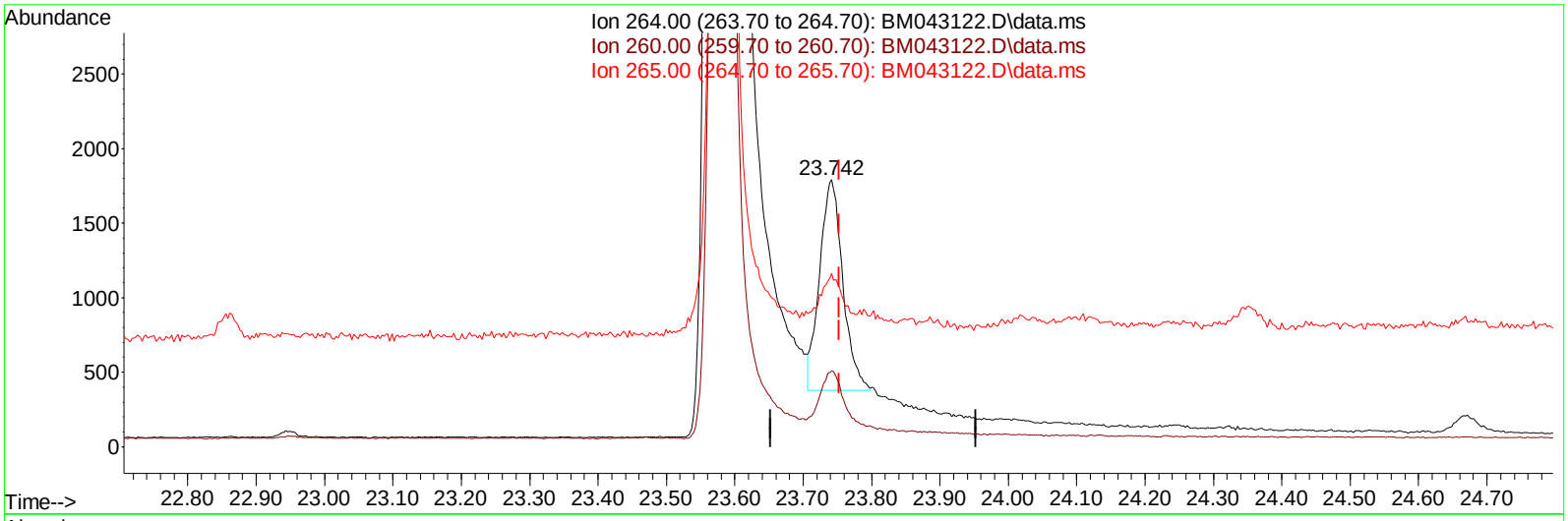

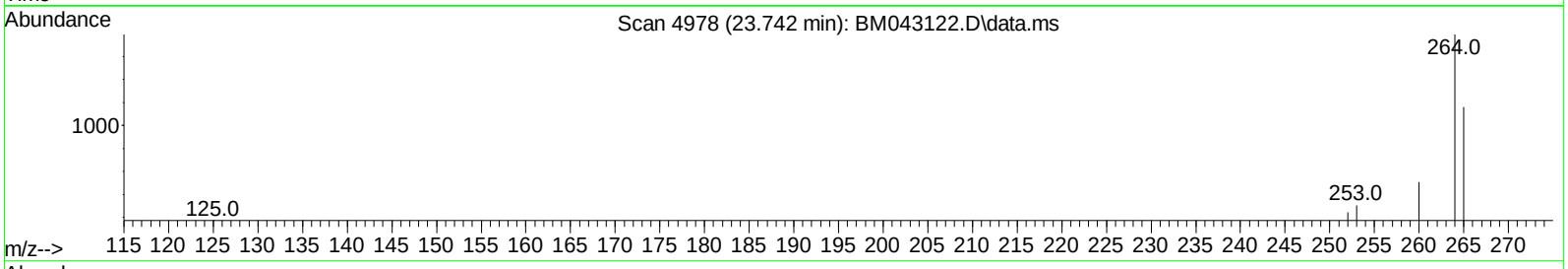

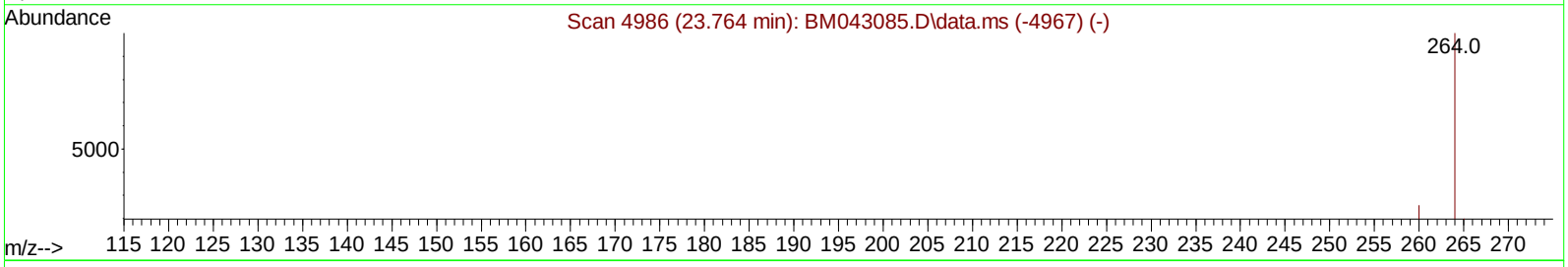

TIC: BM043122.D\data.ms

(23) Perylene-d12 (I)

23.742min (-0.011) 0.40 ng/ul m

response 3316

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.38
265.00	120.30	64.92#
0.00	0.00	0.00

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ClientSampleId :
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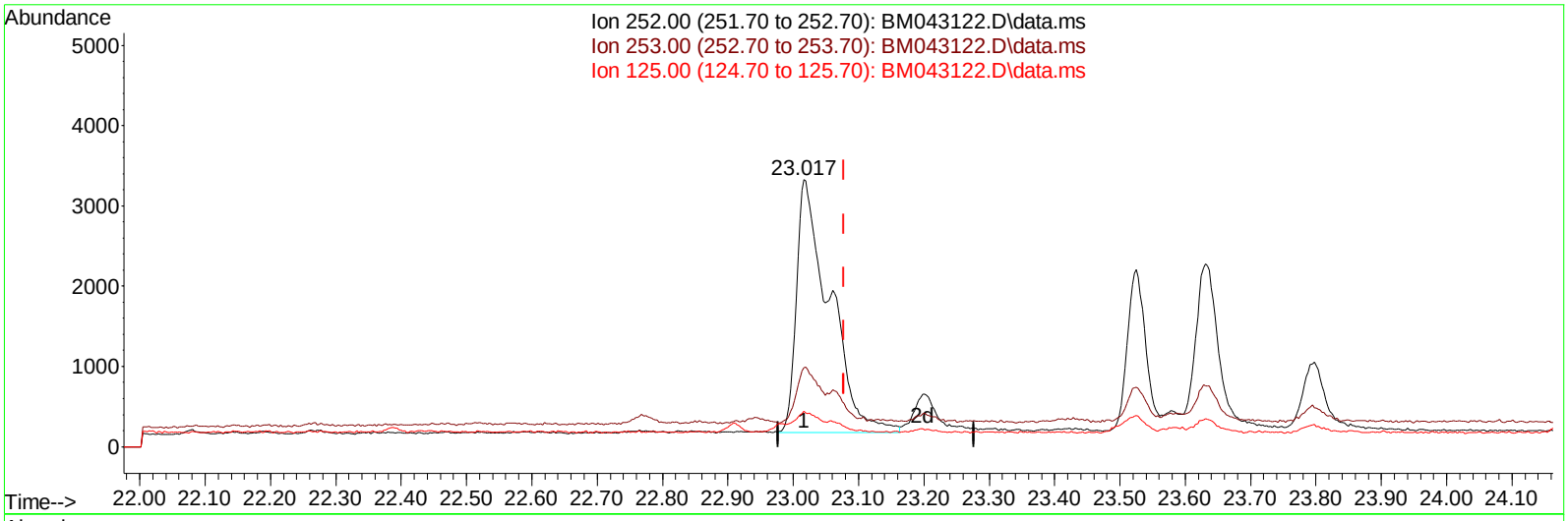

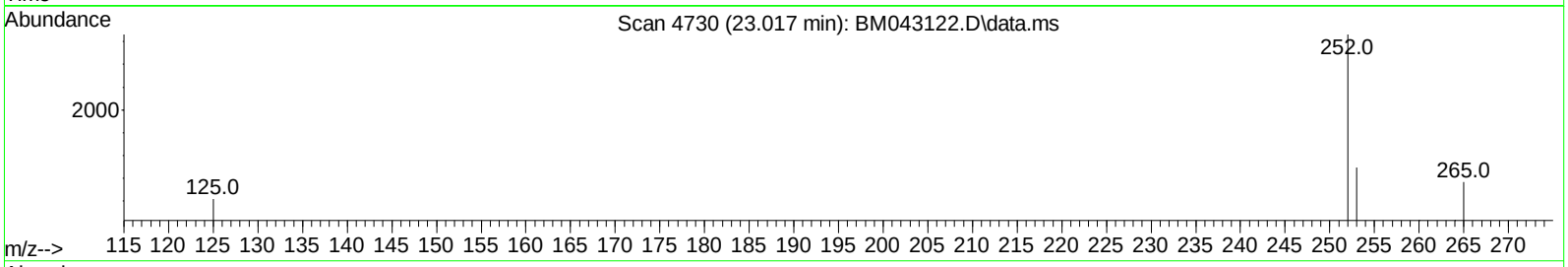

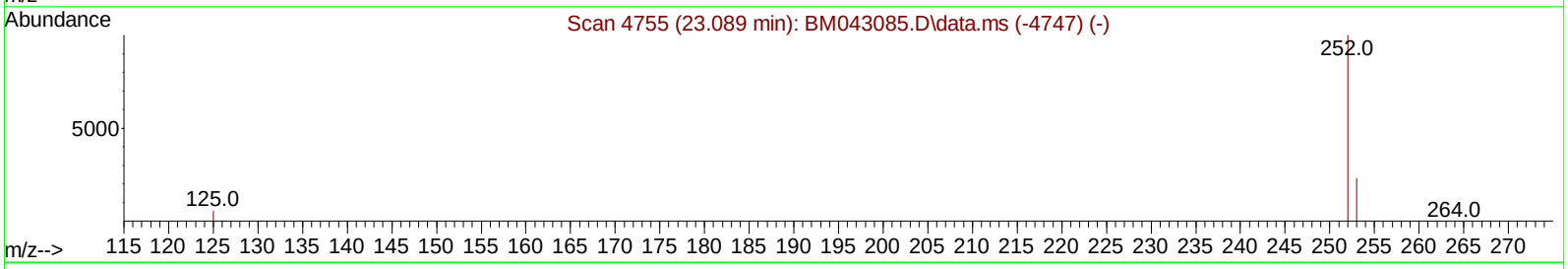

TIC: BM043122.D\data.ms

(25) Benzo(k)fluoranthene

23.017min (-0.061) 0.71 ng/ul

response 11002

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	29.68
125.00	13.80	13.23
0.00	0.00	0.00

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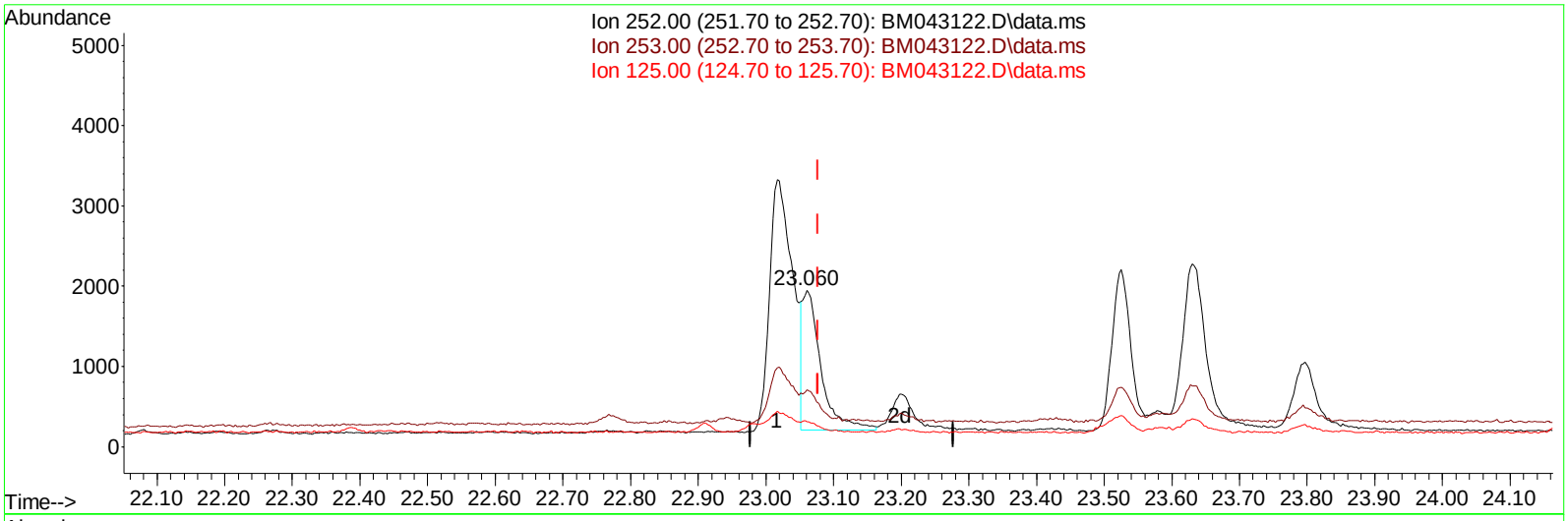

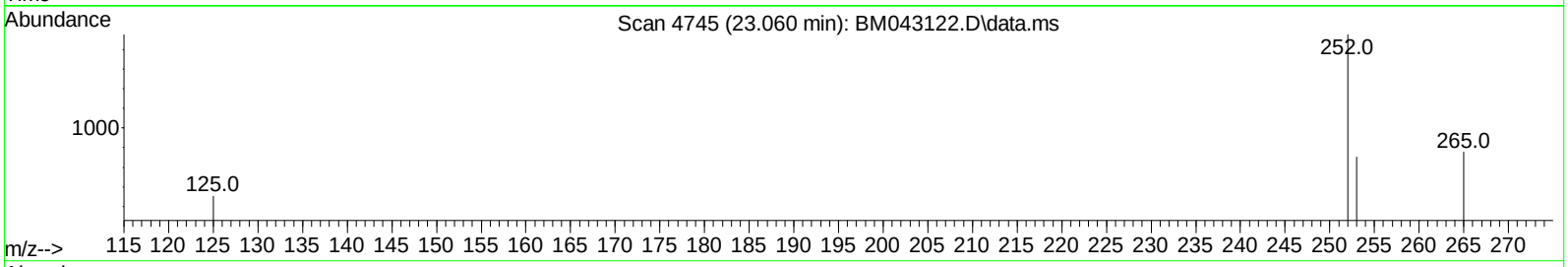

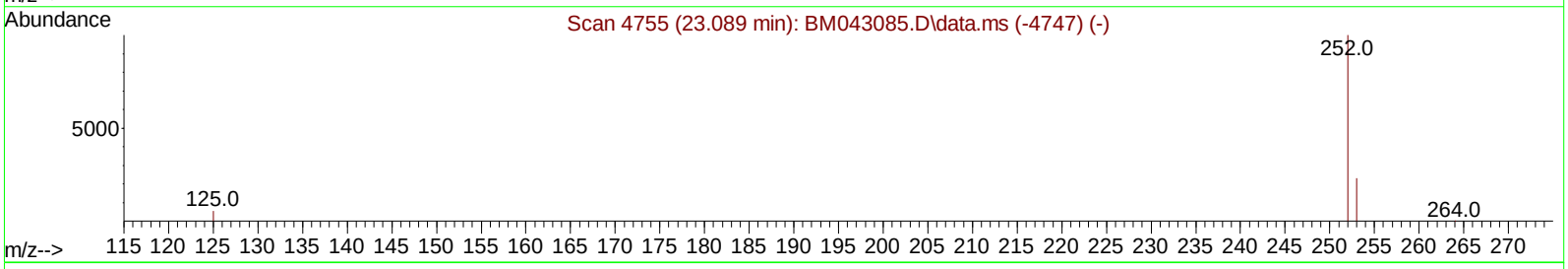

TIC: BM043122.D\data.ms

(25) Benzo(k)fluoranthene

23.060min (-0.017) 0.21 ng/ul m

response 3264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	36.29
125.00	13.80	15.99
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	7.801	152	1054	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.600	136	3084	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.445	164	1832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	3893	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.397	240	2769	0.400	ng/ul	# 0.00
23) Perylene-d12	23.742	264	3316m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	1799	1.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	626	0.152	ng/ul	-0.01
18) Fluoranthene-d10	19.233	212	1557	0.154	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.649	128	775	0.092	ng/ul#	92
7) 2-Methylnaphthalene	12.283	142	713	0.144	ng/ul	93
8) 1-Methylnaphthalene	12.497	142	488	0.089	ng/ul	97
10) Acenaphthylene	14.172	152	641	0.069	ng/ul#	79
12) Fluorene	15.500	166	243	0.033	ng/ul#	86
15) Phenanthrene	17.241	178	3304	0.297	ng/ul	97
16) Anthracene	17.334	178	939m	0.089	ng/ul	
19) Fluoranthene	19.261	202	8865	0.565	ng/ul#	95
20) Pyrene	19.628	202	9219	0.552	ng/ul#	94
21) Benzo(a)anthracene	21.380	228	6425	0.715	ng/ul	97
22) Chrysene	21.433	228	5675	0.339	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	7551	0.675	ng/ul	92
25) Benzo(k)fluoranthene	23.060	252	3264m	0.212	ng/ul	
26) Benzo(a)pyrene	23.631	252	4855	0.398	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.189	276	3225	0.195	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.199	278	784	0.061	ng/ul#	58
29) Benzo(g,h,i)perylene	26.953	276	2973	0.185	ng/ul	98

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

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