Quantitation Report (Qedit)

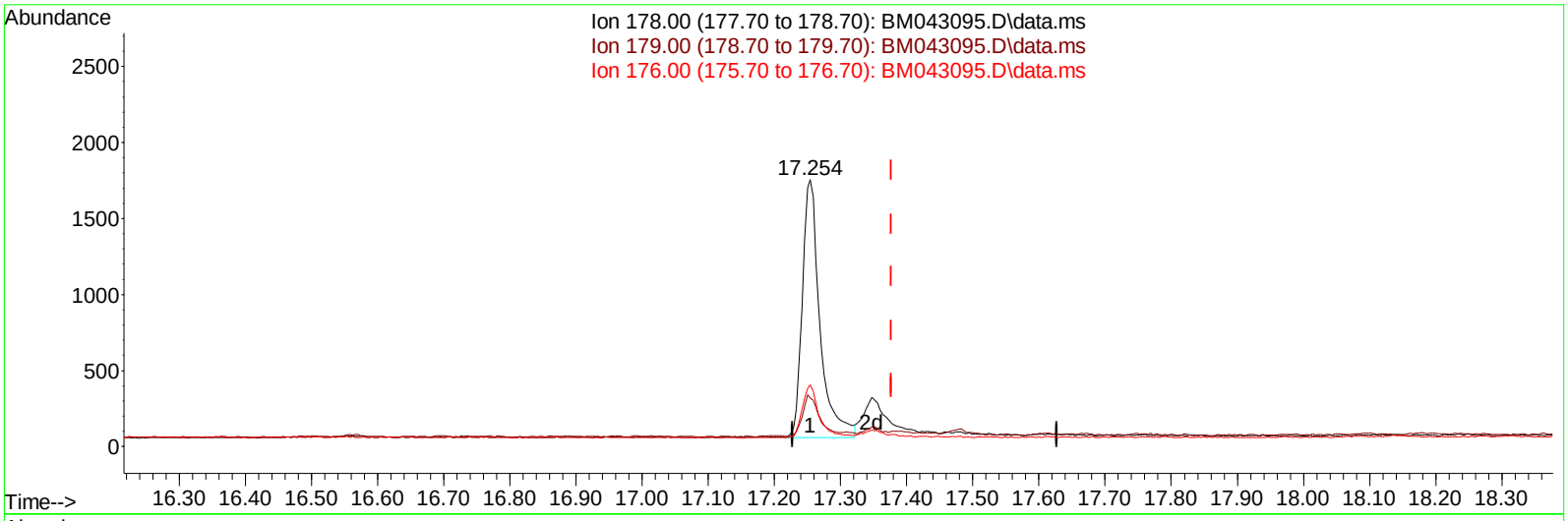
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043095.D
Acq On : 30 Nov 2023 21:17
Operator : MA/JU
Sample : 05459-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

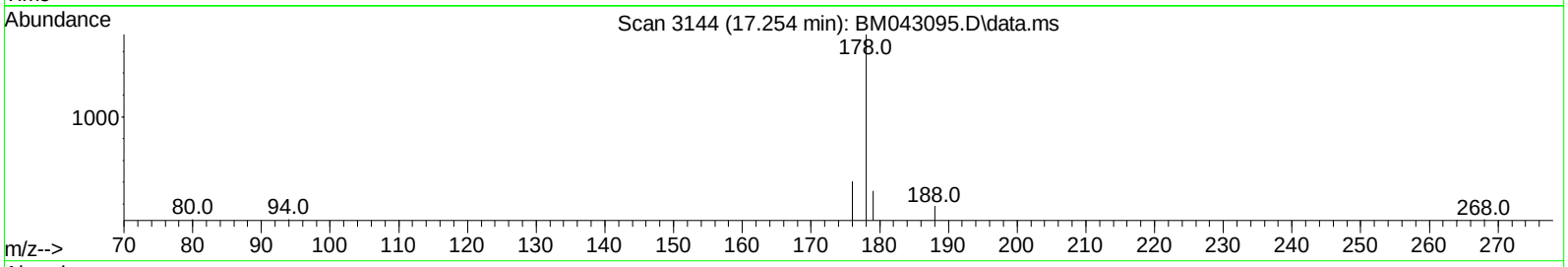
Quant Time: Dec 01 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

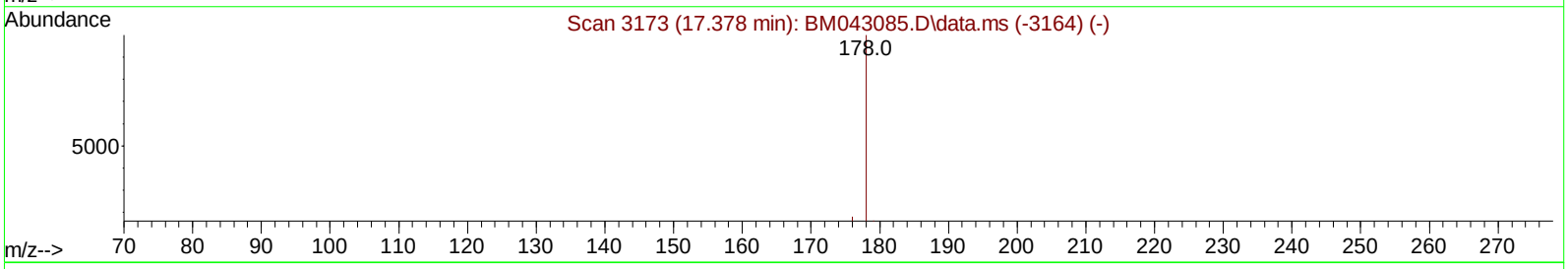
Instrument :
BNA_M
ClientSampleId :
C0AA2

Manual IntegrationsAPPROVED

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







TIC: BM043095.D\data.ms

(16) Anthracene

17.254min (-0.124) 0.41 ng/ul

response 3128

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.23
176.00	25.60	23.30
0.00	0.00	0.00

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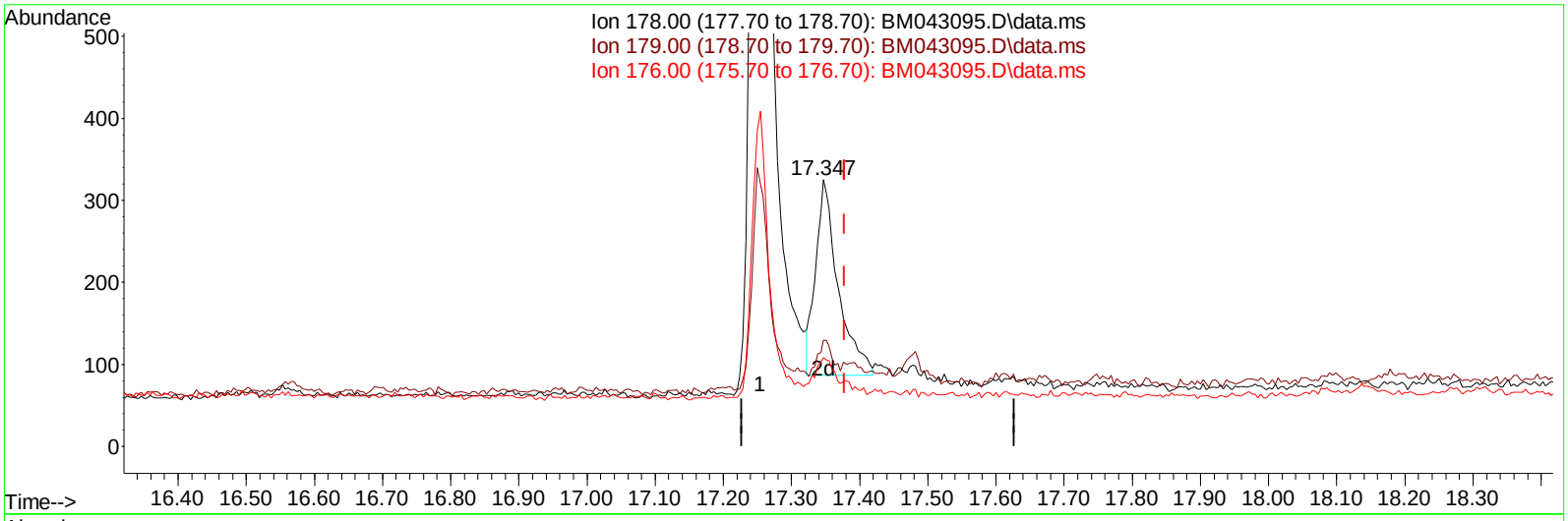

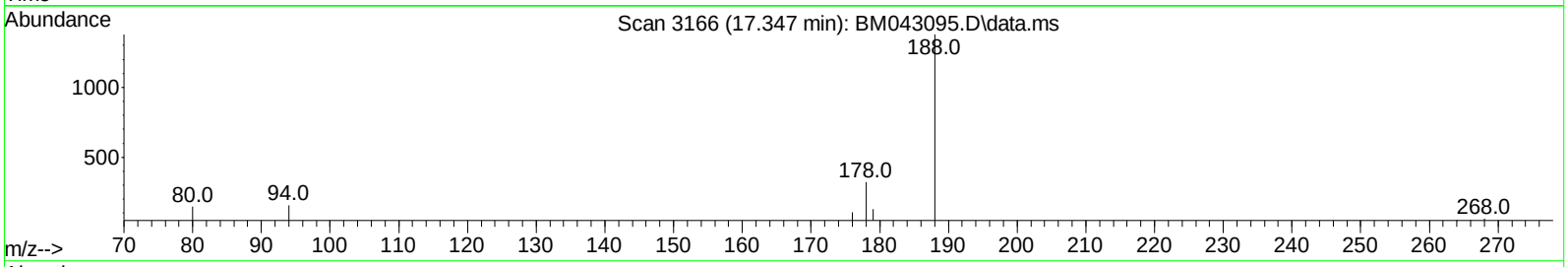

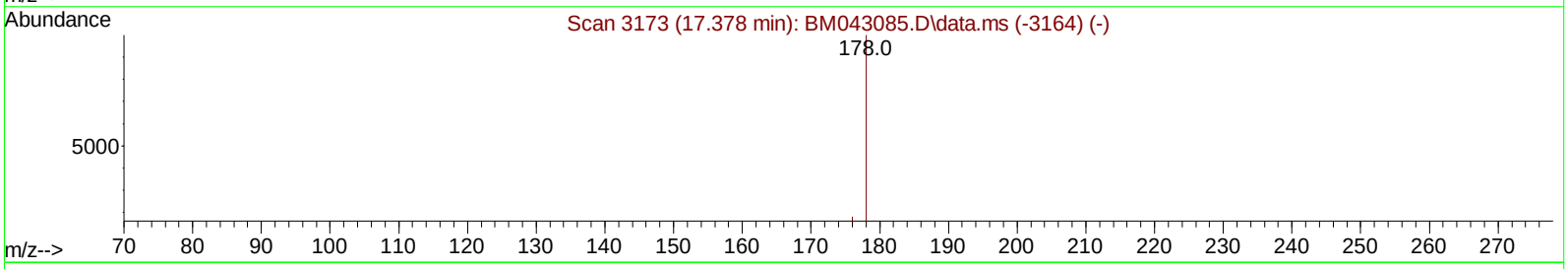

TIC: BM043095.D\data.ms

(16) Anthracene

17.347min (-0.031) 0.07 ng/ul m

response 548

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	40.00#
176.00	25.60	33.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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ClientSampleId :
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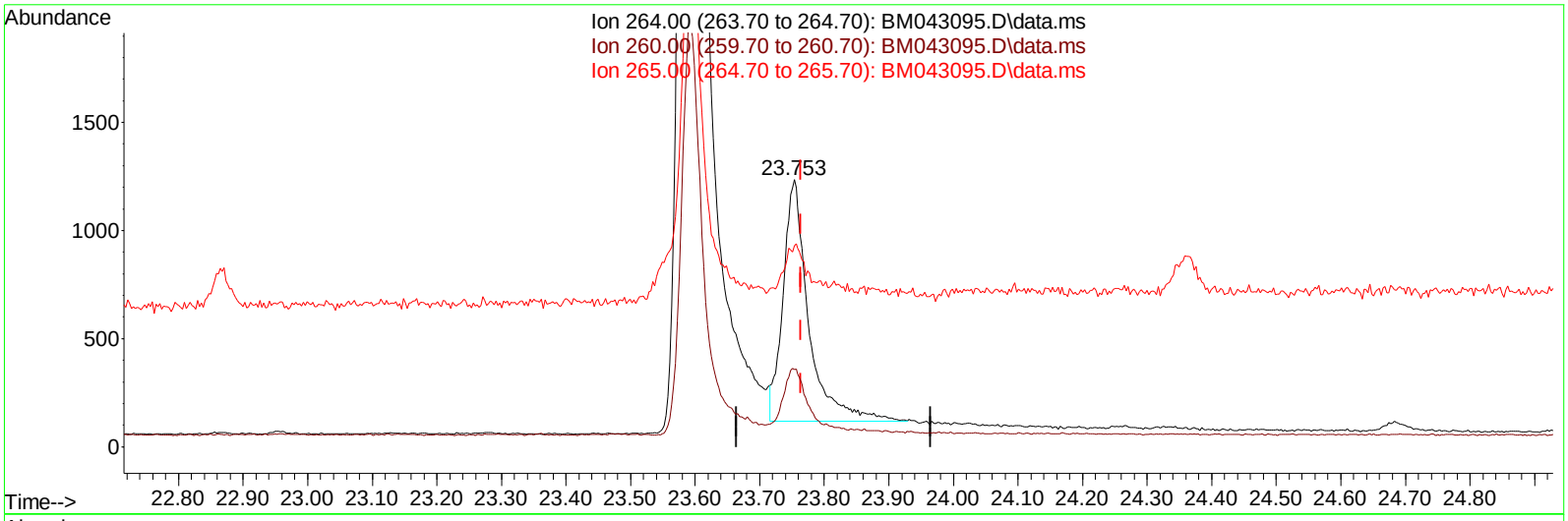

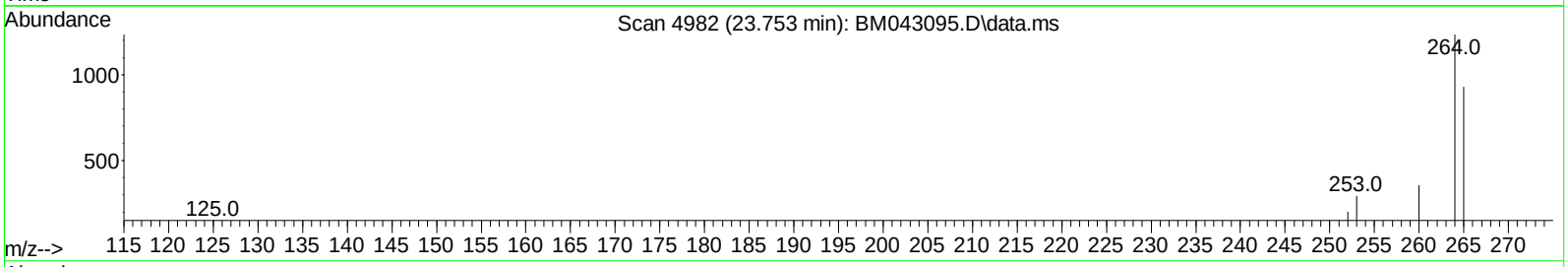

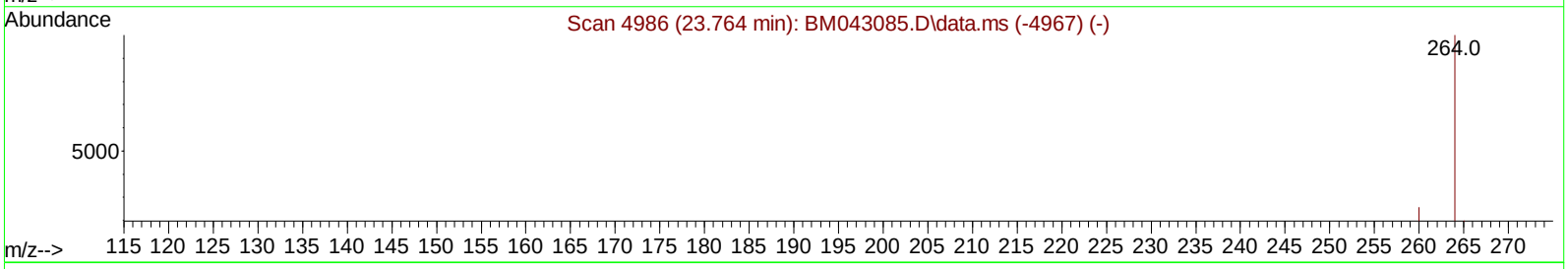

TIC: BM043095.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.011) 0.40 ng/ul

response 3092

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.01
265.00	120.30	75.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

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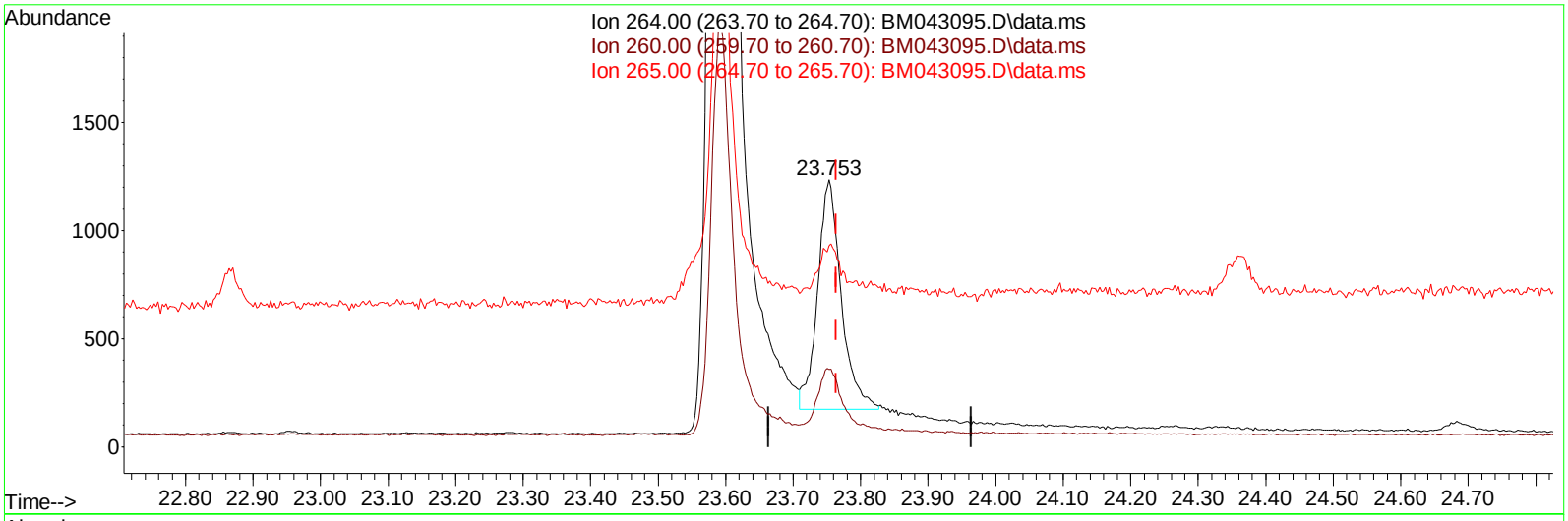

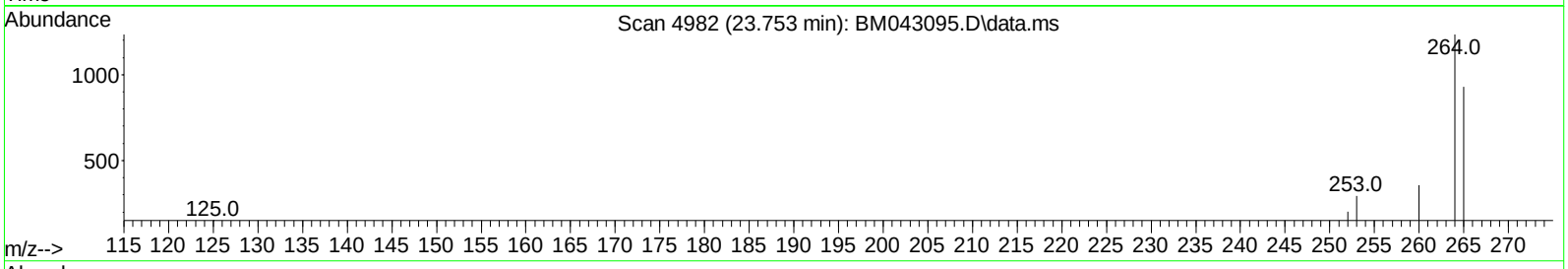

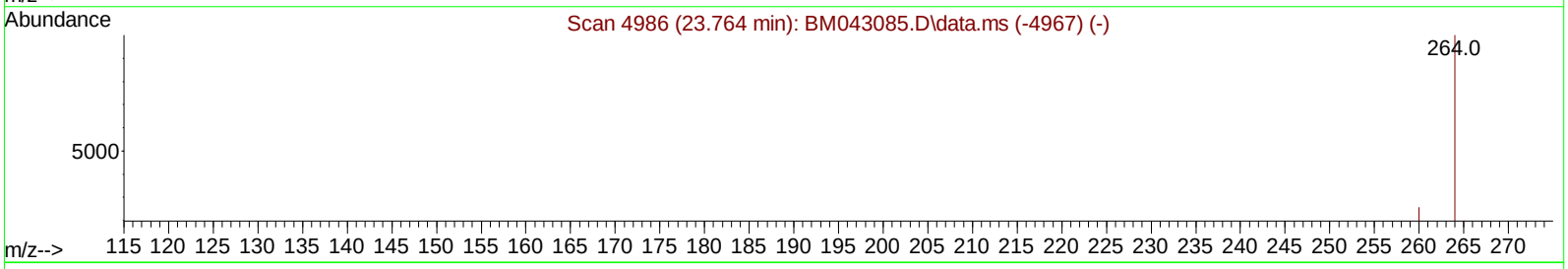

TIC: BM043095.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.011) 0.40 ng/ul m

response 2581

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.01
265.00	120.30	75.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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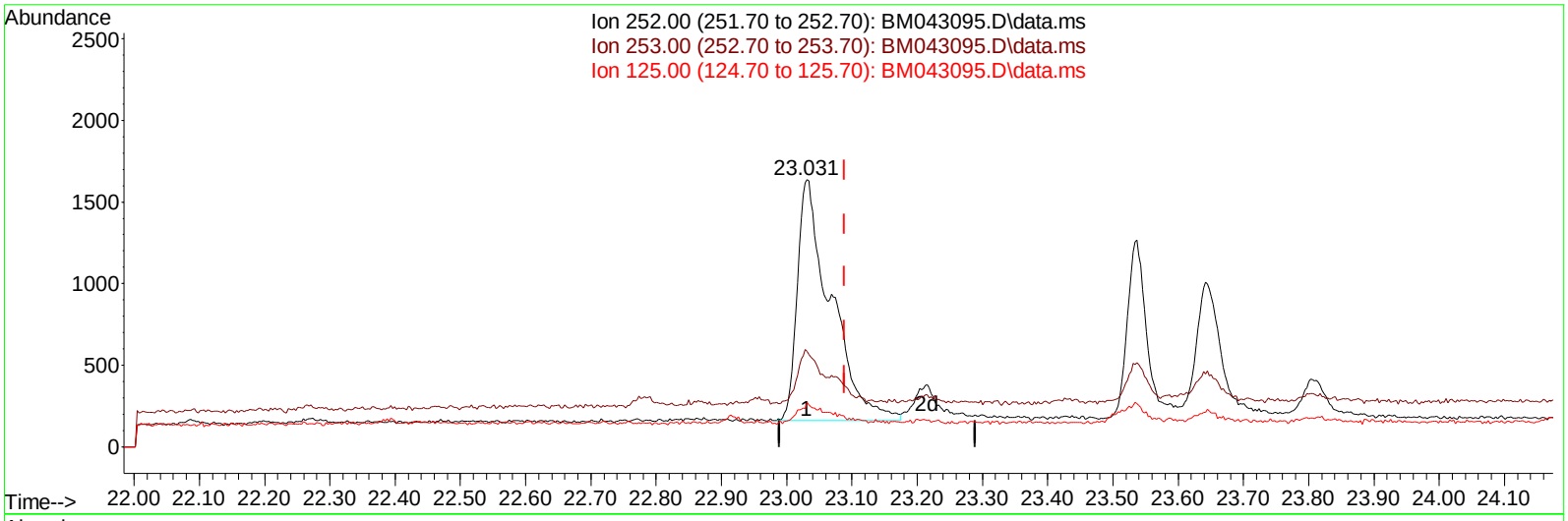

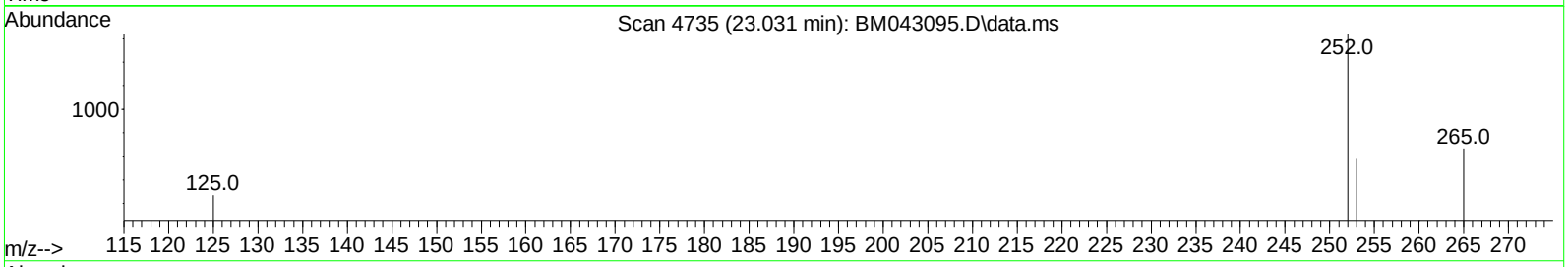

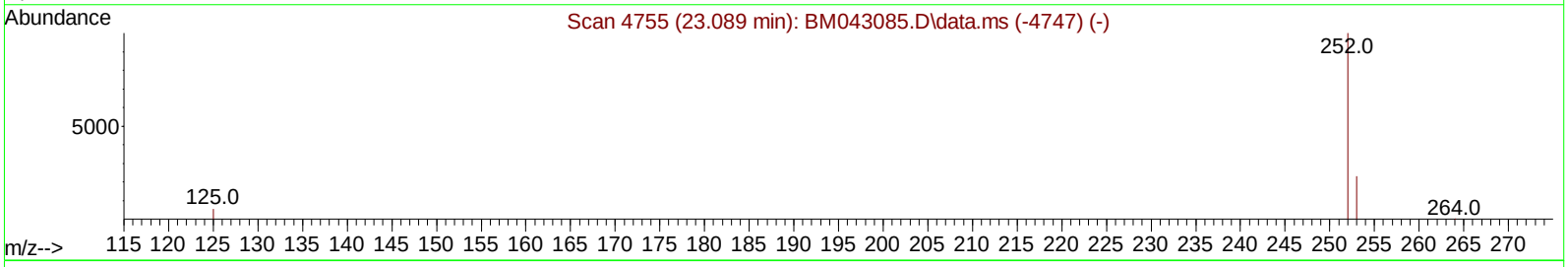

TIC: BM043095.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.058) 0.44 ng/ul

response 5261

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	35.82
125.00	13.80	16.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

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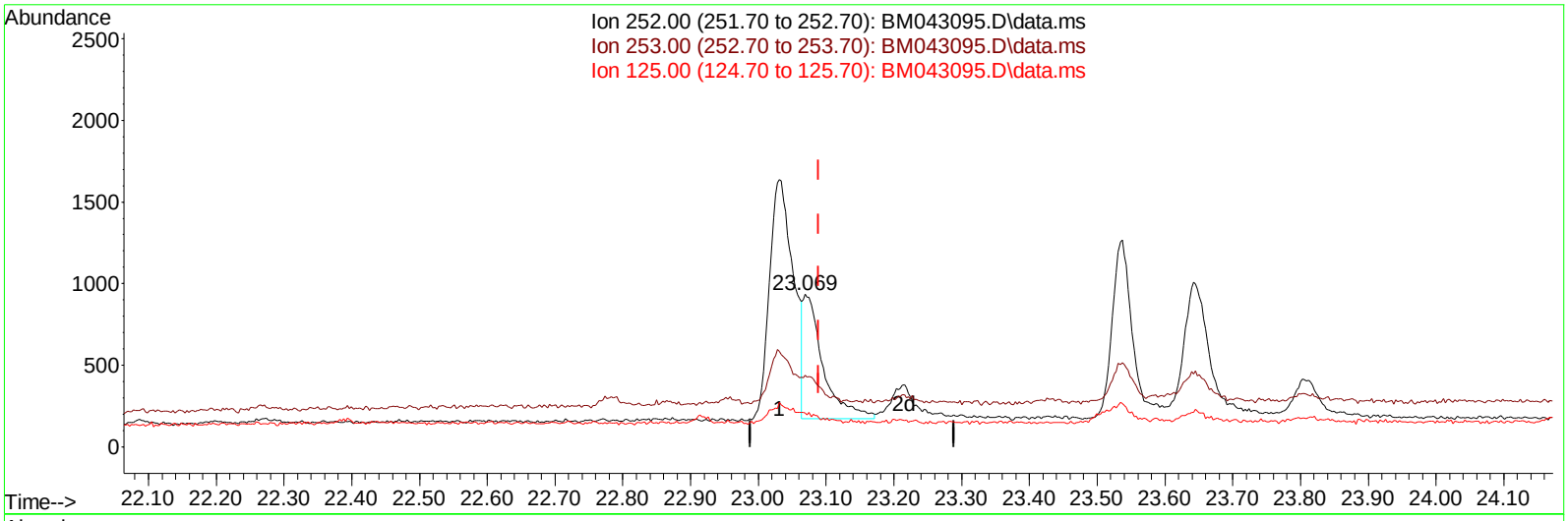

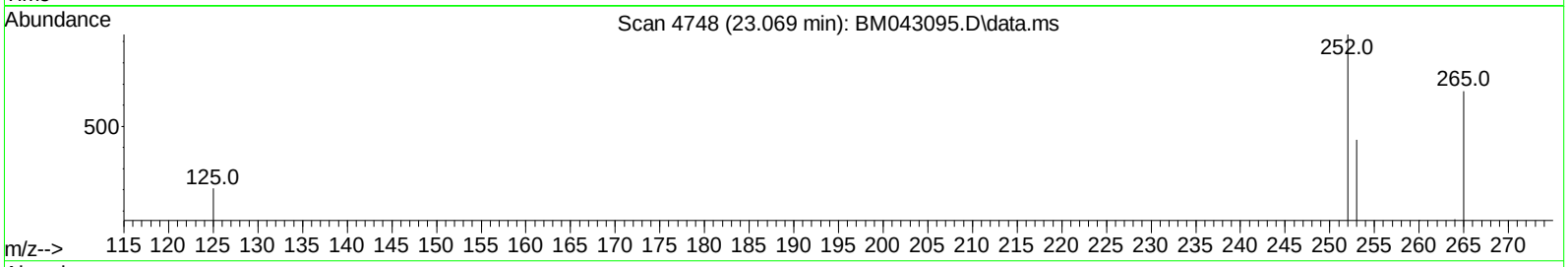

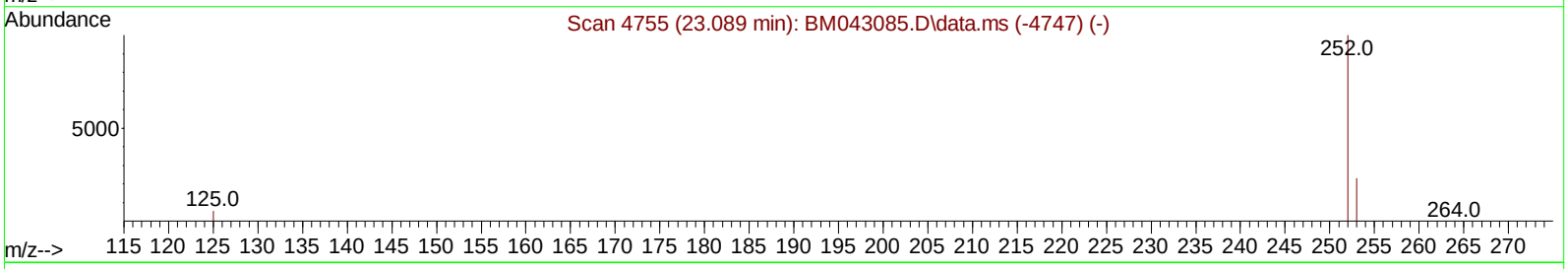

TIC: BM043095.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.020) 0.13 ng/ul m

response 1575

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	46.79#
125.00	13.80	22.06#
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	7.805	152	938	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.616	136	2620	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.455	164	1394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	2820	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2030	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	2581m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	644	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	488	0.139	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	1040	0.141	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.666	128	1374	0.193	ng/ul	98
7) 2-Methylnaphthalene	12.288	142	1022	0.243	ng/ul	97
8) 1-Methylnaphthalene	12.497	142	720	0.154	ng/ul	94
10) Acenaphthylene	14.182	152	284	0.040	ng/ul#	62
11) Acenaphthene	14.519	153	153	0.028	ng/ul#	86
12) Fluorene	15.509	166	203	0.037	ng/ul#	75
15) Phenanthrene	17.254	178	3128	0.389	ng/ul	98
16) Anthracene	17.347	178	548m	0.072	ng/ul	
19) Fluoranthene	19.270	202	5612	0.488	ng/ul#	94
20) Pyrene	19.633	202	4871	0.398	ng/ul	98
21) Benzo(a)anthracene	21.389	228	2504	0.380	ng/ul	98
22) Chrysene	21.441	228	2392	0.195	ng/ul	95
24) Benzo(b)fluoranthene	23.031	252	3624	0.416	ng/ul	98
25) Benzo(k)fluoranthene	23.069	252	1575m	0.131	ng/ul	
26) Benzo(a)pyrene	23.642	252	2028	0.213	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.209	276	1835	0.143	ng/ul#	100
29) Benzo(g,h,i)perylene	26.973	276	1336	0.107	ng/ul#	81

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

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