Quantitation Report (Qedit)

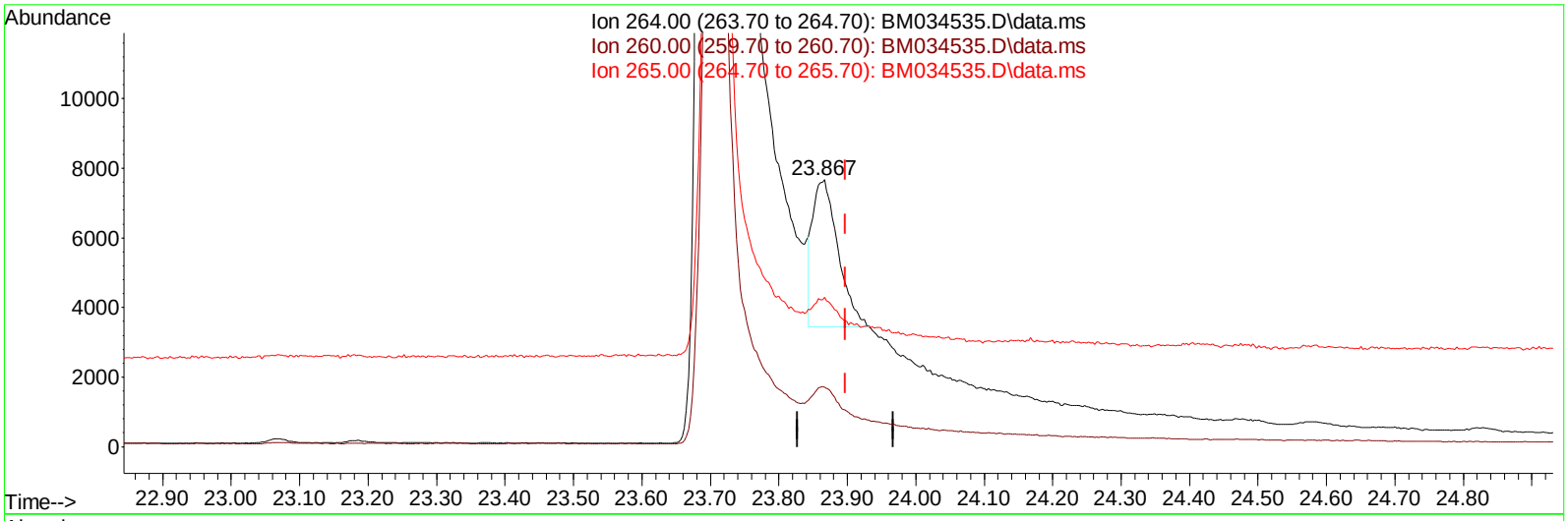
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034535.D
Acq On : 07 Apr 2022 02:29
Operator : CG/JU
Sample : N2182-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

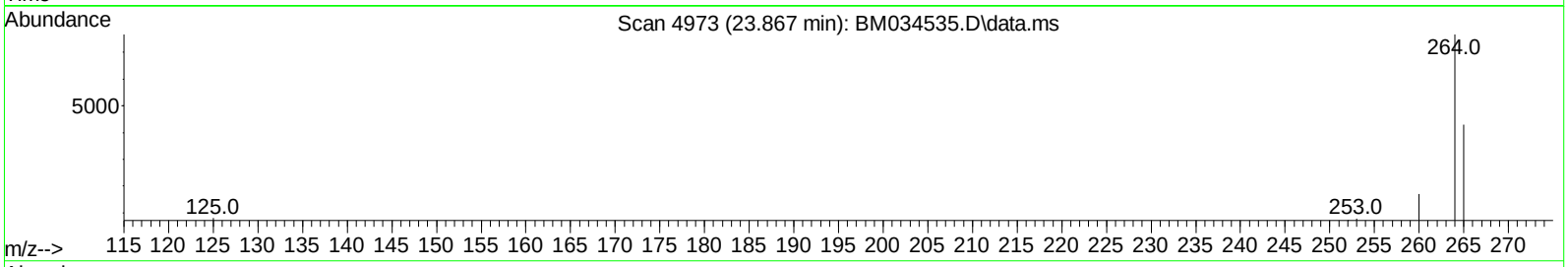
Quant Time: Apr 07 03:46:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

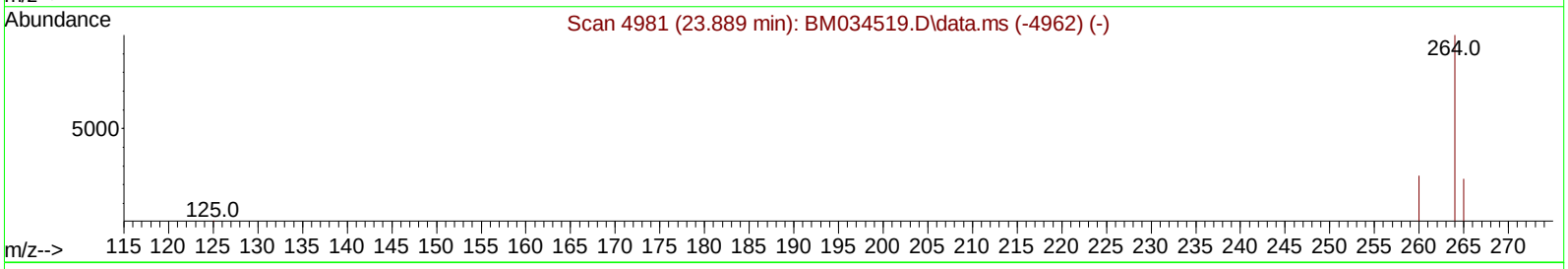
Instrument :
BNA_M
ClientSampleId :
C0R16

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022







TIC: BM034535.D\data.ms

(23) Perylene-d12 (I)

23.867min (-0.031) 0.40 ng/ul

response 10845

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	22.34
265.00	95.30	55.96#
0.00	0.00	0.00

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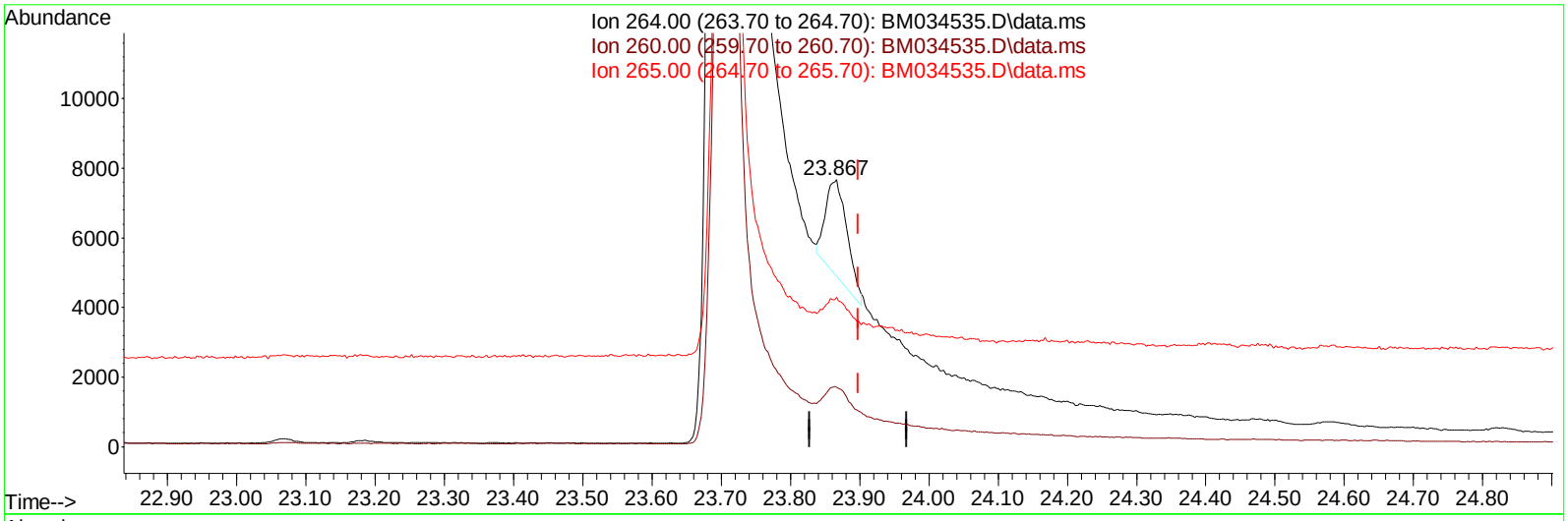

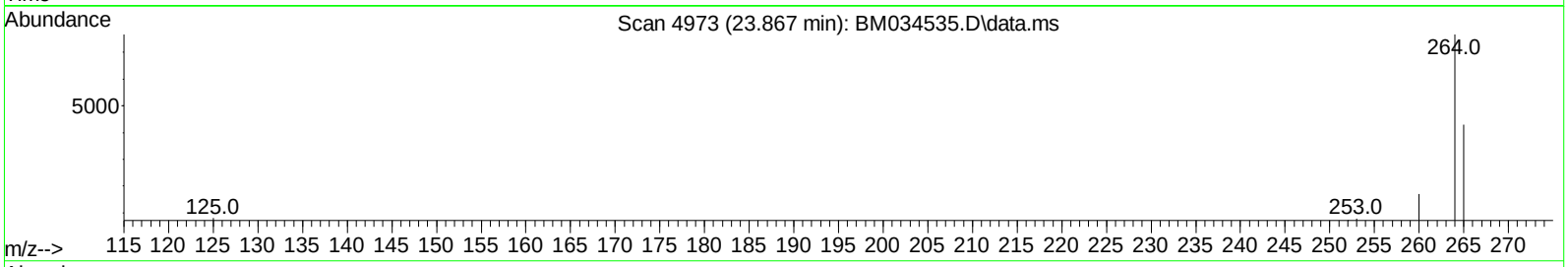

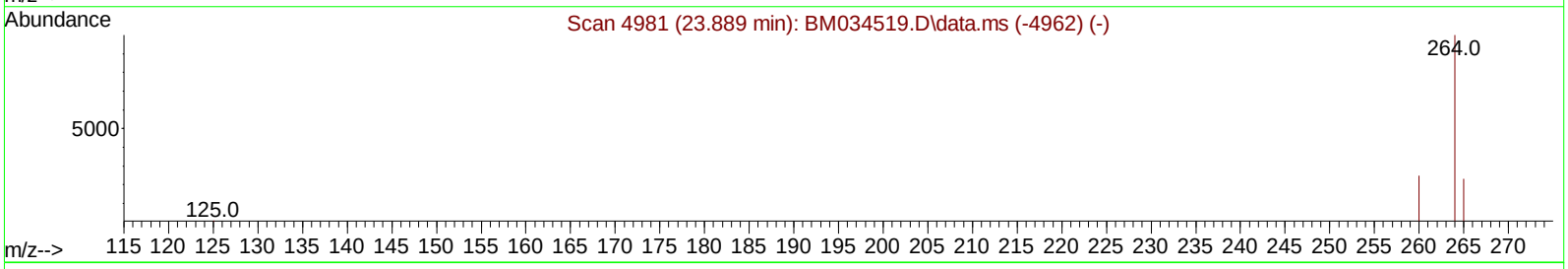

TIC: BM034535.D\data.ms

(23) Perylene-d12 (I)

23.867min (-0.031) 0.40 ng/ul m

response 5807

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	22.34
265.00	95.30	55.96#
0.00	0.00	0.00

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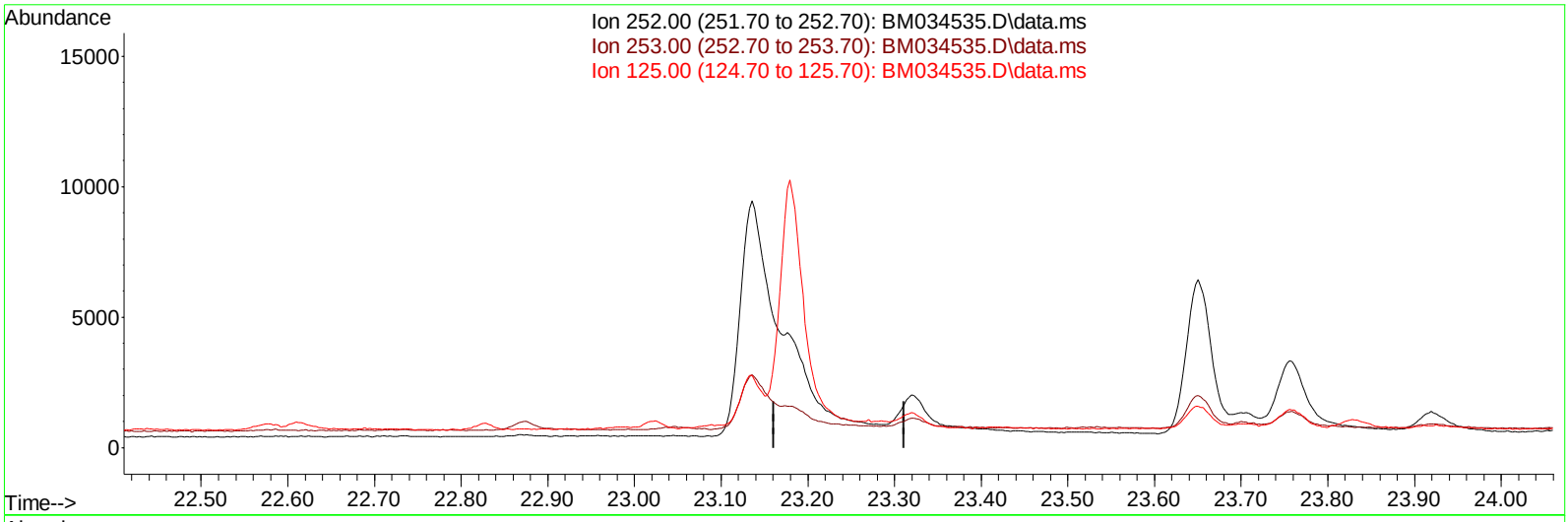

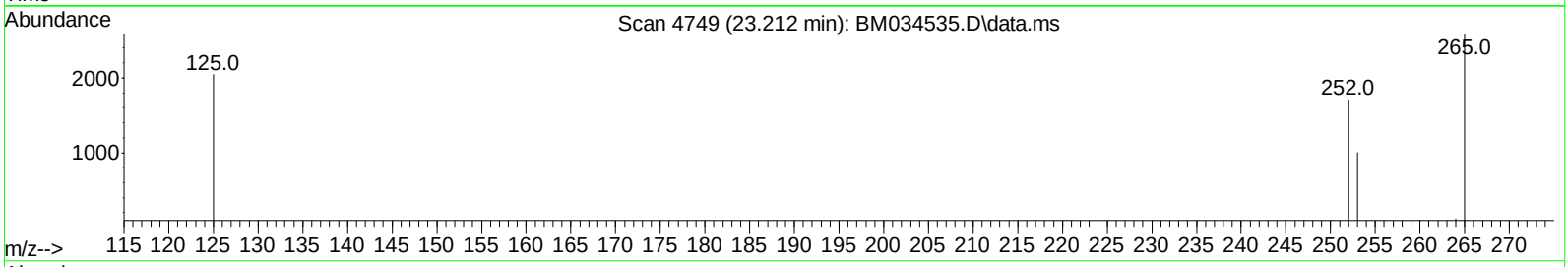

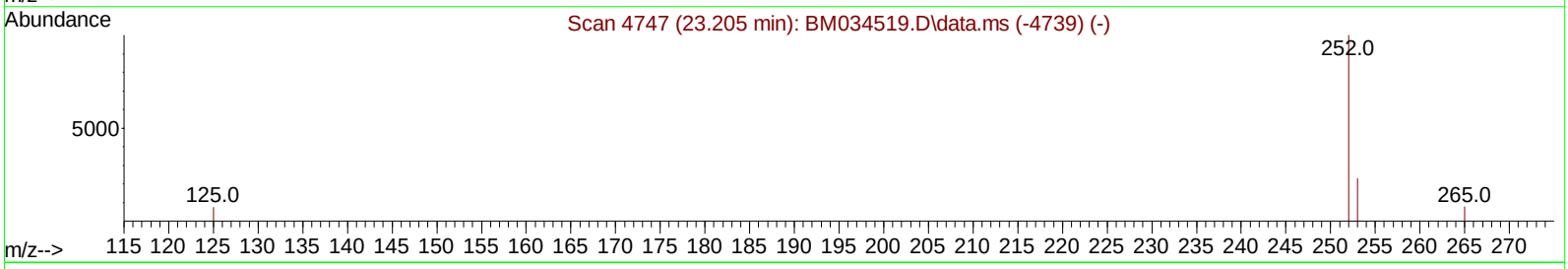

TIC: BM034535.D\data.ms

(25) Benzo(k)fluoranthene

23.211min (-23.211) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	33.50	0.00#
125.00	15.00	0.00#
0.00	0.00	0.00

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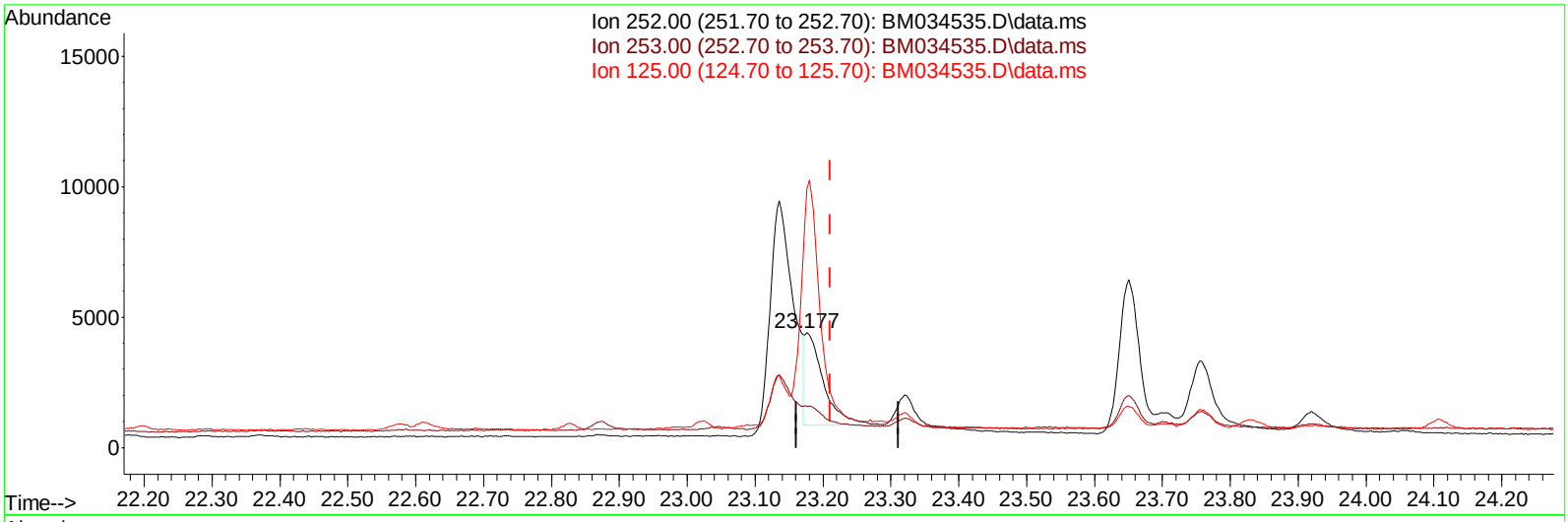

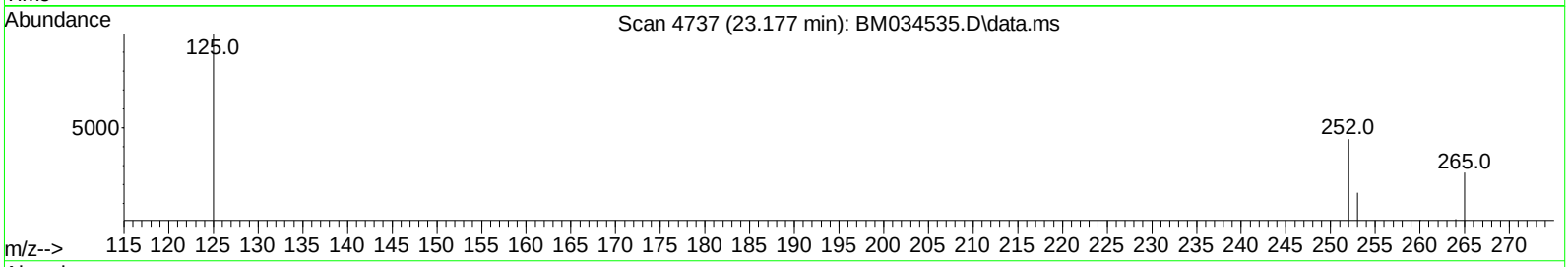

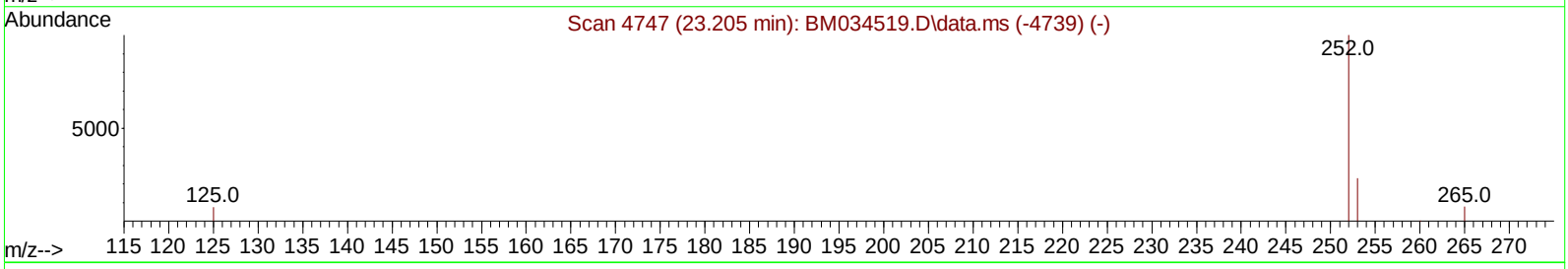

TIC: BM034535.D\data.ms

(25) Benzo(k)fluoranthene

23.177min (-0.034) 0.40 ng/ul m

response 6817

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.50	35.81
125.00	15.00	225.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

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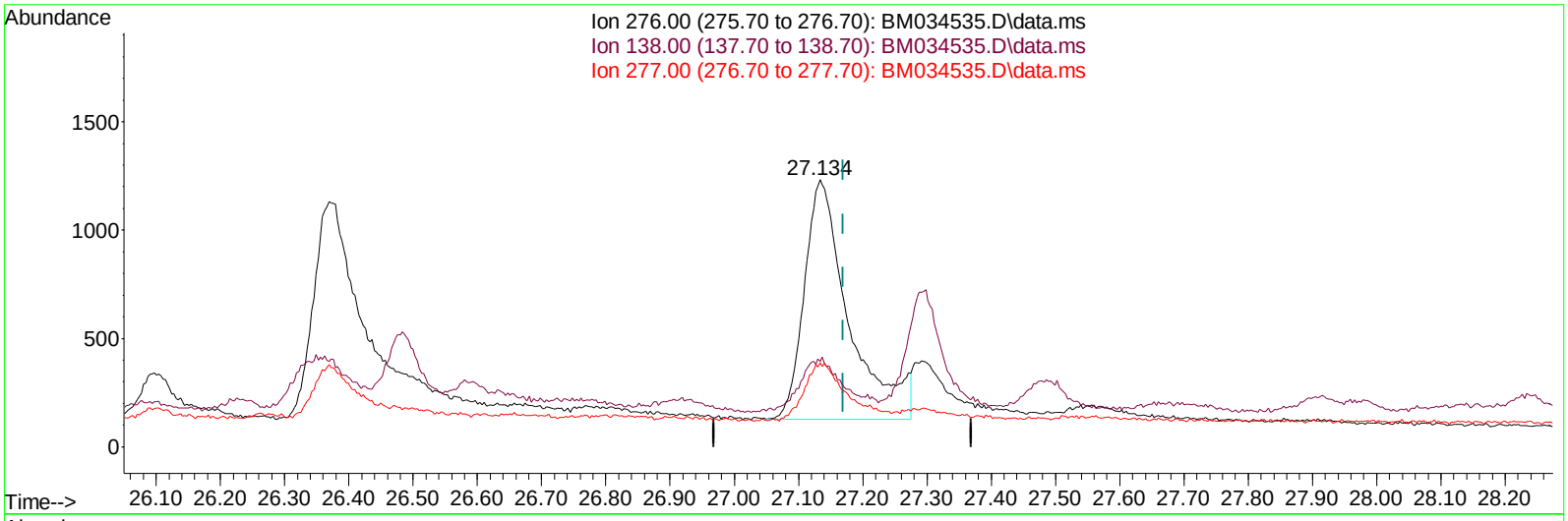

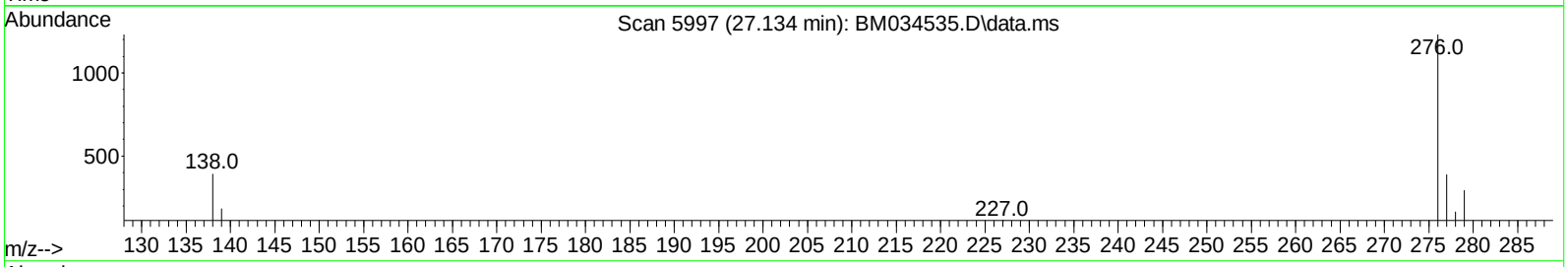

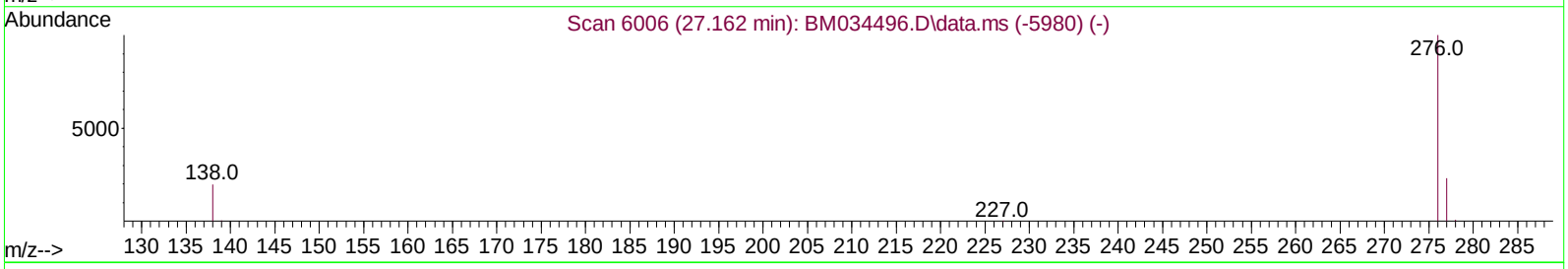

TIC: BM034535.D\data.ms

(29) Benzo(g,h,i)perylene

27.134min (-0.035) 0.18 ng/ul

response 5309

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.70	31.90#
277.00	28.20	31.49
0.00	0.00	0.00

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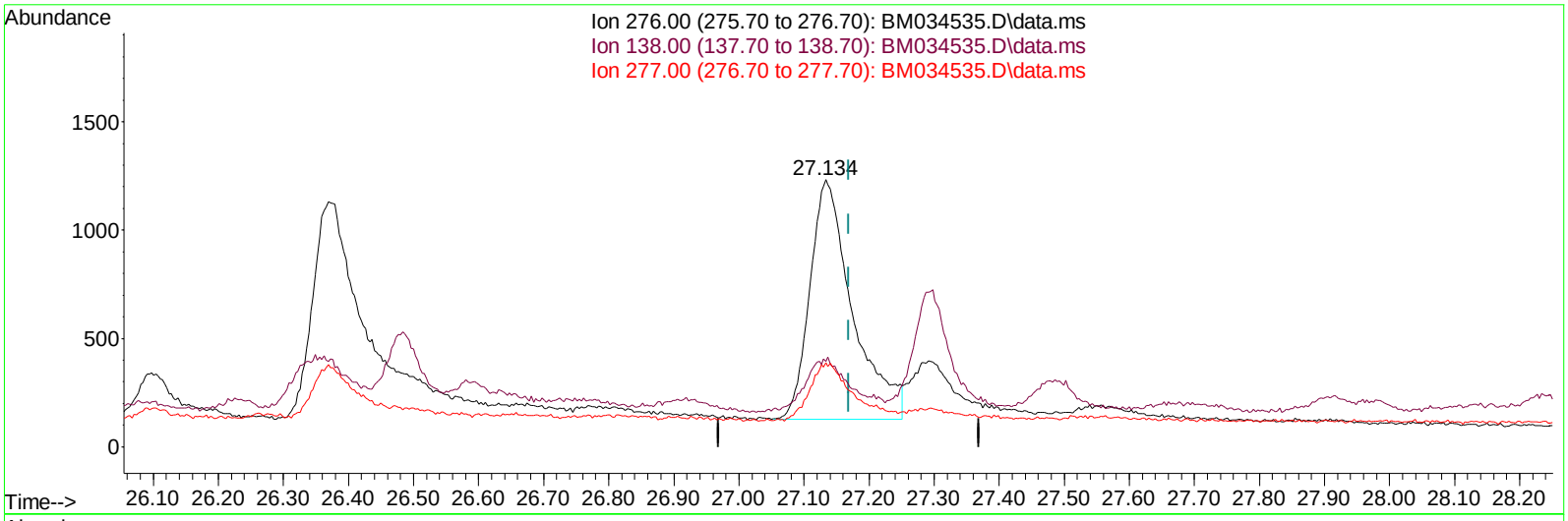

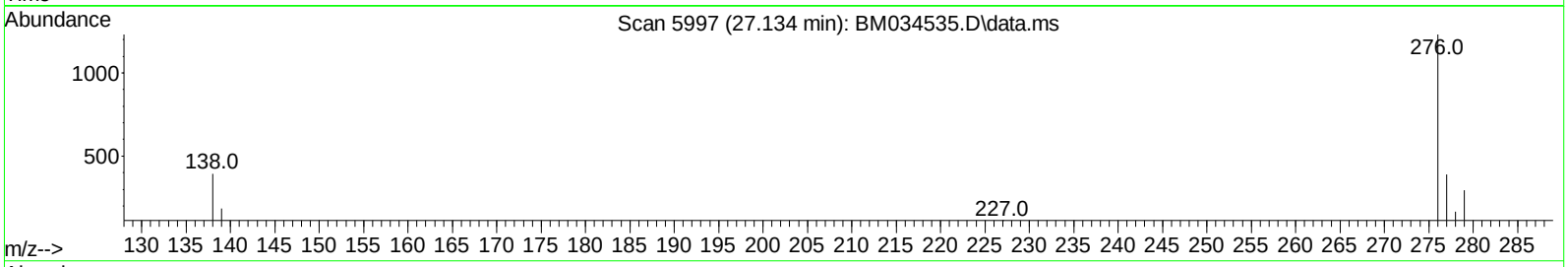

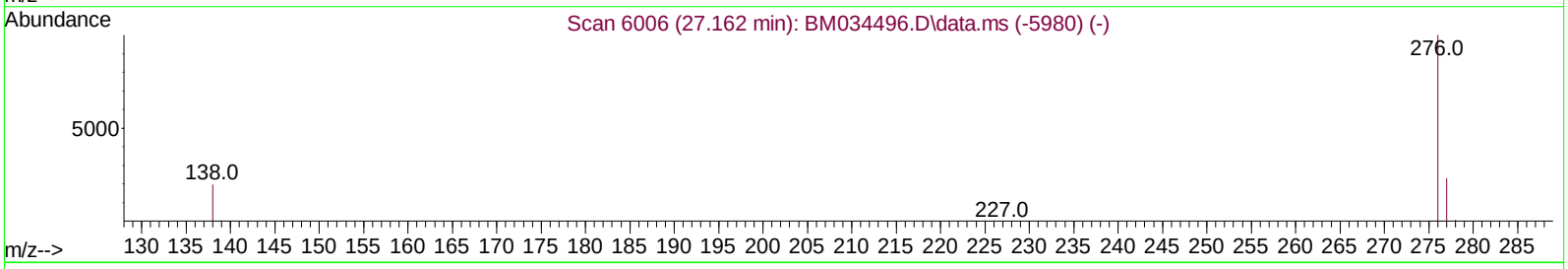

TIC: BM034535.D\data.ms

(29) Benzo(g,h,i)perylene

27.134min (-0.035) 0.17 ng/ul m

response 5046

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.70	31.90#
277.00	28.20	31.49
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	7.912	152	3403	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.720	136	9087	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.551	164	4726	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.296	188	8947	0.400	ng/ul	-0.02
17) Chrysene-d12	21.473	240	7653	0.400	ng/ul	#-0.02
23) Perylene-d12	23.867	264	5807m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8260	1.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	1710	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	4442	0.198	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.770	128	7751	0.273	ng/ul#	89
7) 2-Methylnaphthalene	12.397	142	3801	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.606	142	2802	0.180	ng/ul	100
10) Acenaphthylene	14.274	152	1950	0.089	ng/ul	97
11) Acenaphthene	14.616	153	2084	0.118	ng/ul	97
12) Fluorene	15.601	166	1582	0.087	ng/ul#	96
15) Phenanthrene	17.334	178	26347	0.907	ng/ul	94
16) Anthracene	17.426	178	7807	0.354	ng/ul	96
19) Fluoranthene	19.349	202	49188	1.531	ng/ul	100
20) Pyrene	19.707	202	37218	0.991	ng/ul#	93
21) Benzo(a)anthracene	21.455	228	7039	0.423	ng/ul	95
22) Chrysene	21.508	228	18876	0.959	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	20803	1.095	ng/ul#	86
25) Benzo(k)fluoranthene	23.177	252	6817m	0.402	ng/ul	
26) Benzo(a)pyrene	23.756	252	6588	0.297	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.369	276	5809	0.218	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.369	278	951	0.049	ng/ul#	1
29) Benzo(g,h,i)perylene	27.134	276	5046m	0.175	ng/ul	

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

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