Quantitation Report (QT Reviewed)

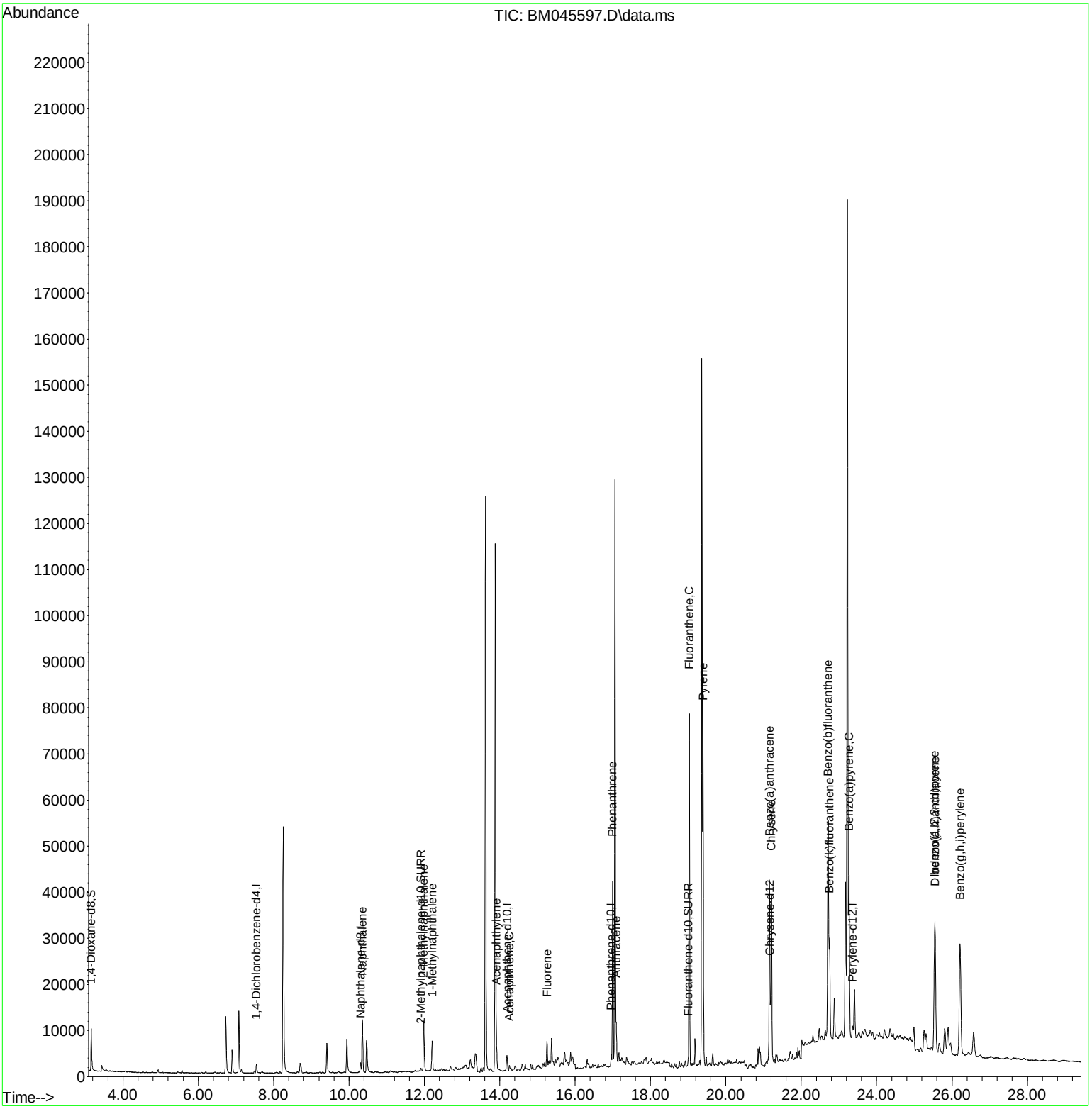
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045597.D
Acq On : 26 Apr 2024 20:53
Operator : MA/JU
Sample : P2203-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 23:53:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E1CY7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



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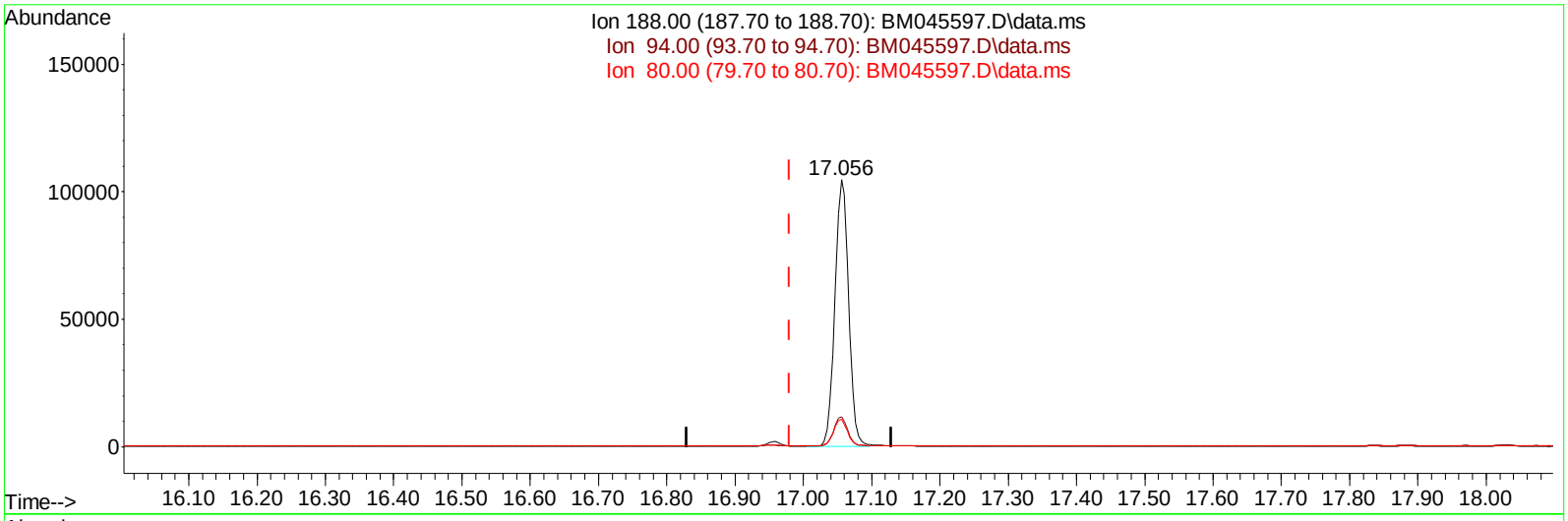

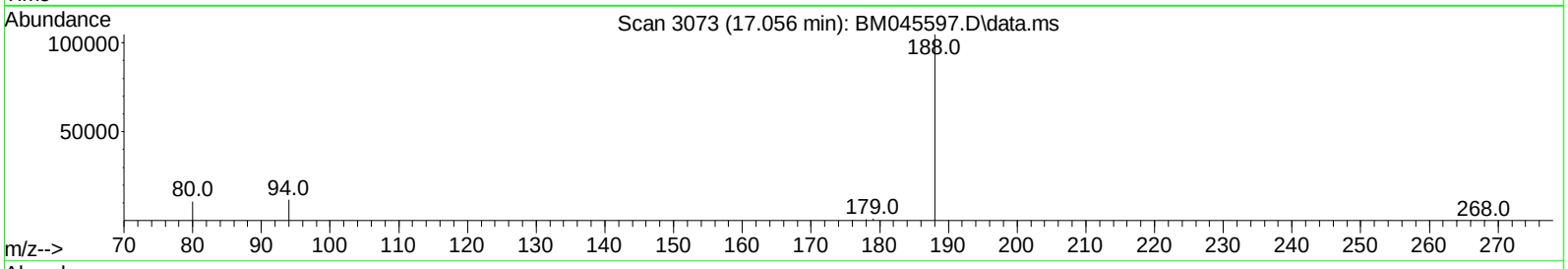

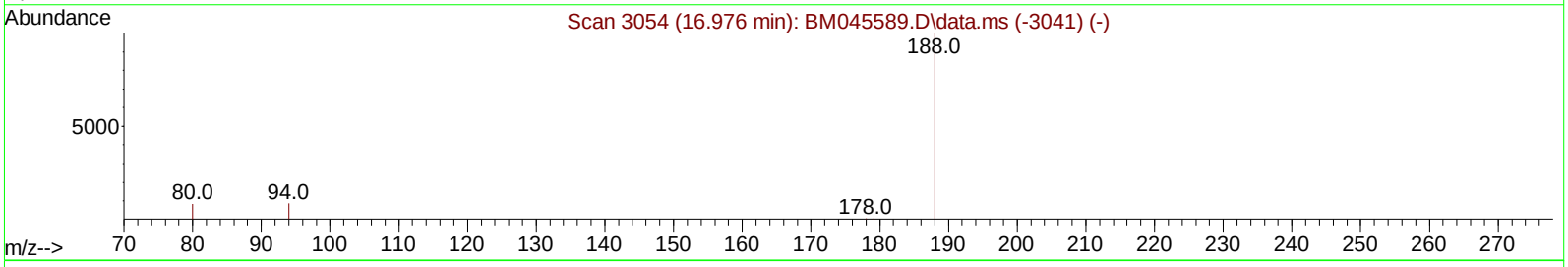

TIC: BM045597.D\data.ms

(13) Phenanthrene-d10 (I)

17.056min (+ 0.076) 0.40 ng/ul

response 145984

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.27#
80.00	14.80	10.29#
0.00	0.00	0.00

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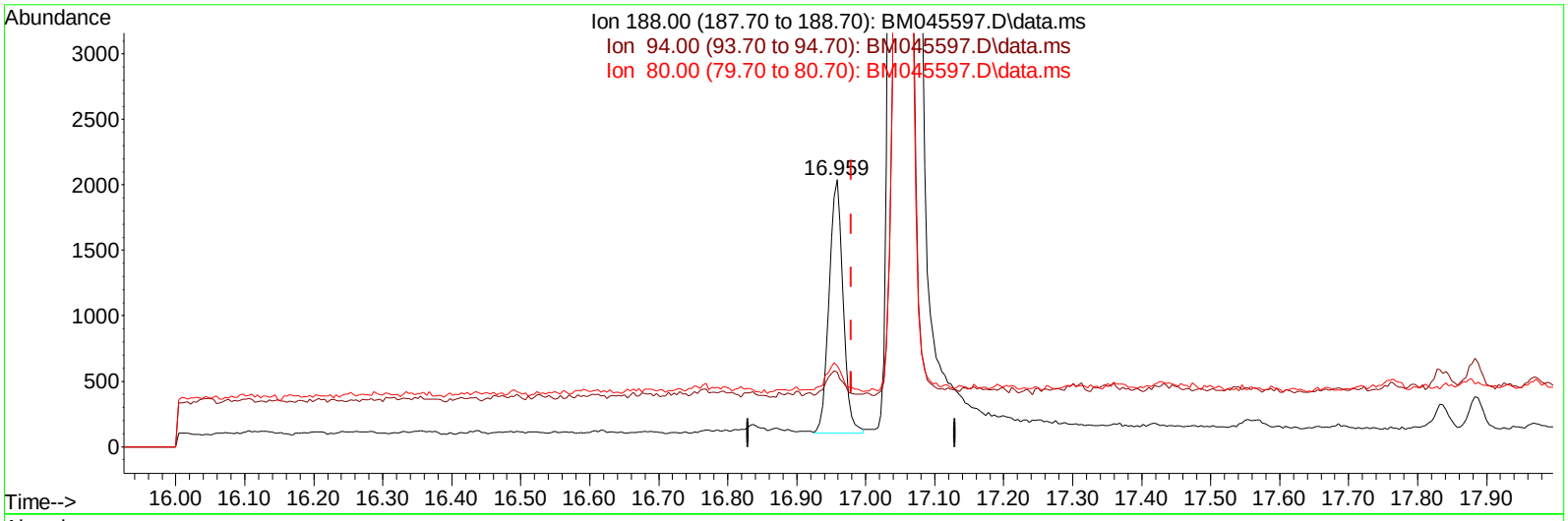

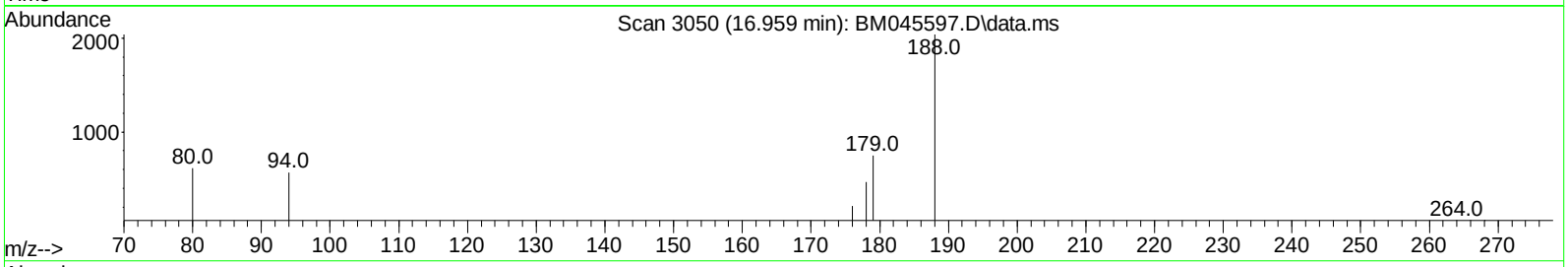

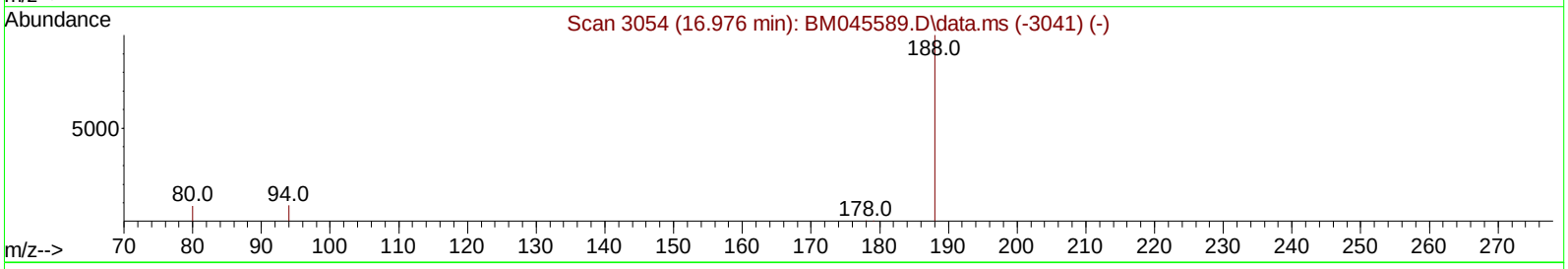

TIC: BM045597.D\data.ms

(13) Phenanthrene-d10 (I)

16.959min (-0.021) 0.40 ng/ul m

response 2731

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	28.00#
80.00	14.80	30.31#
0.00	0.00	0.00

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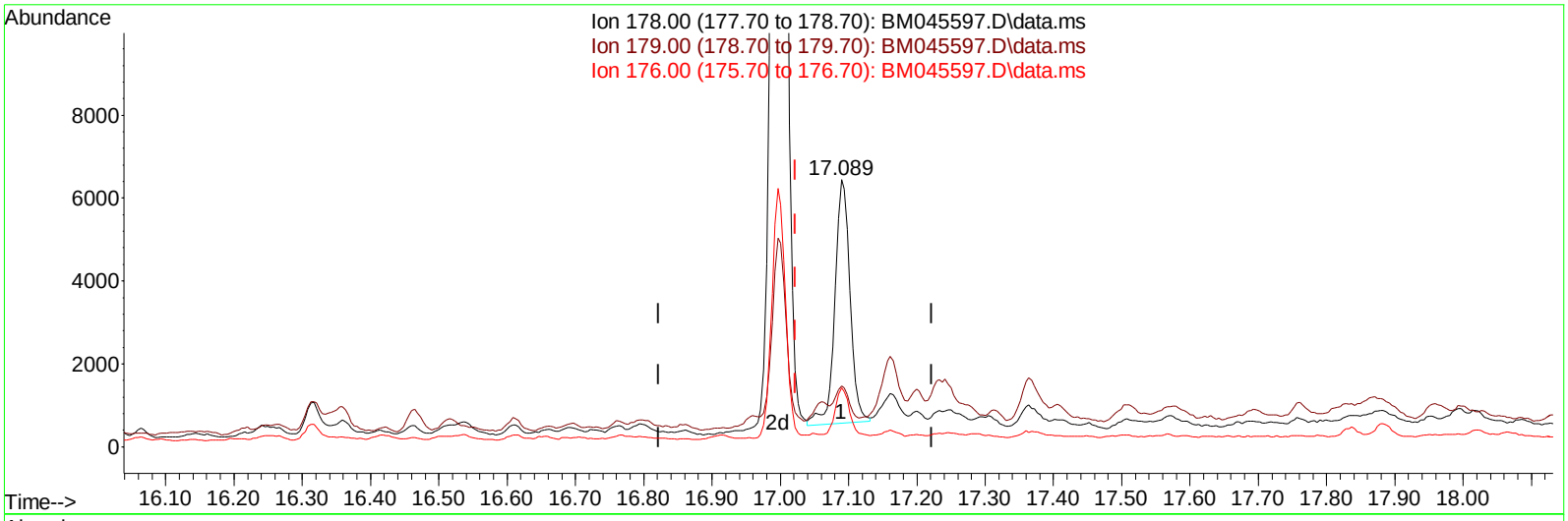

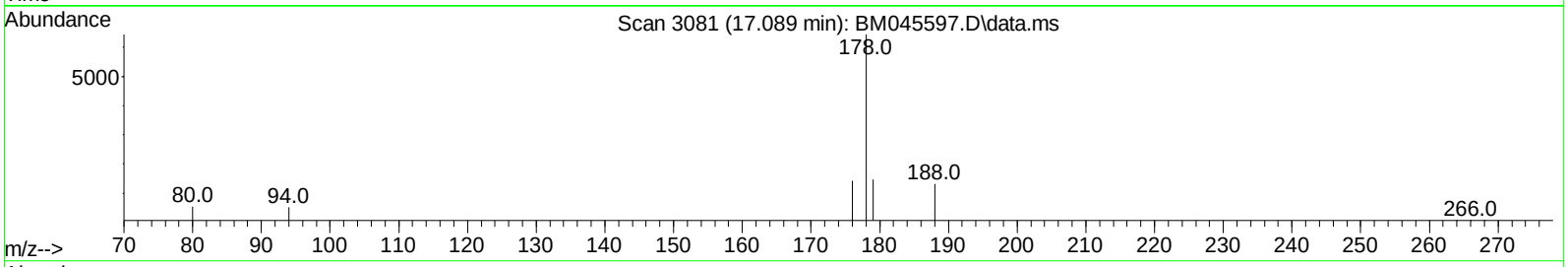

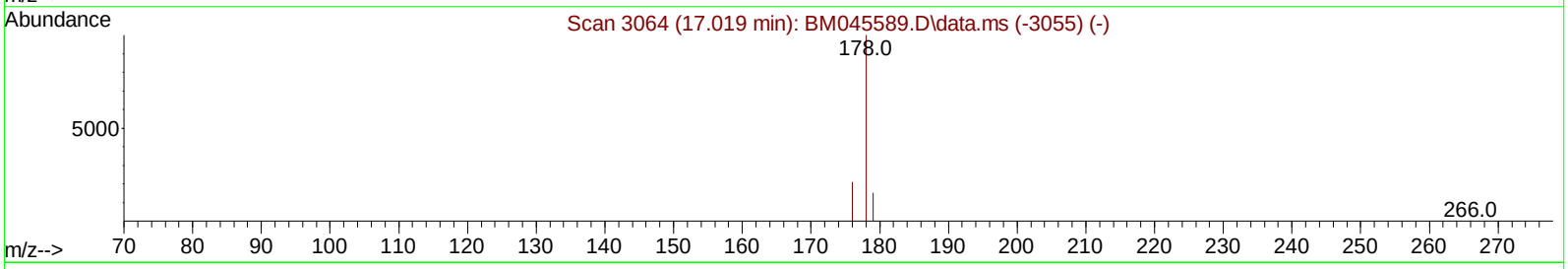

TIC: BM045597.D\data.ms

(15) Phenanthrene

17.089min (+ 0.068) 1.14 ng/ul

response 9065

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	22.78
176.00	23.70	22.09
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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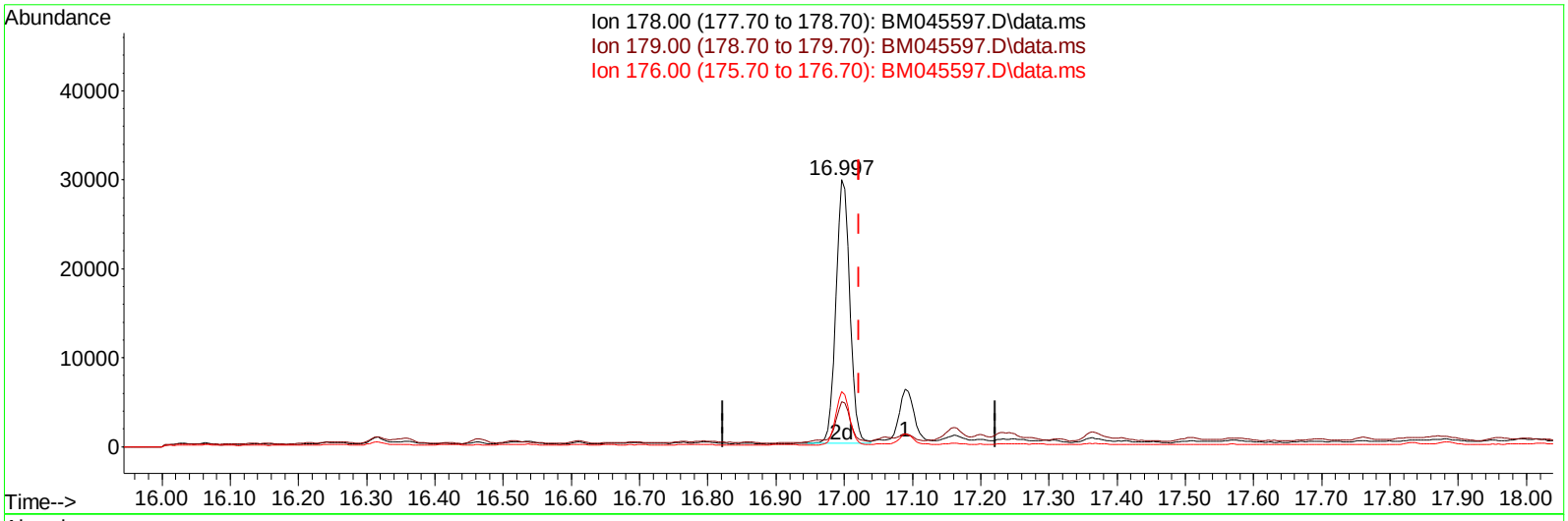

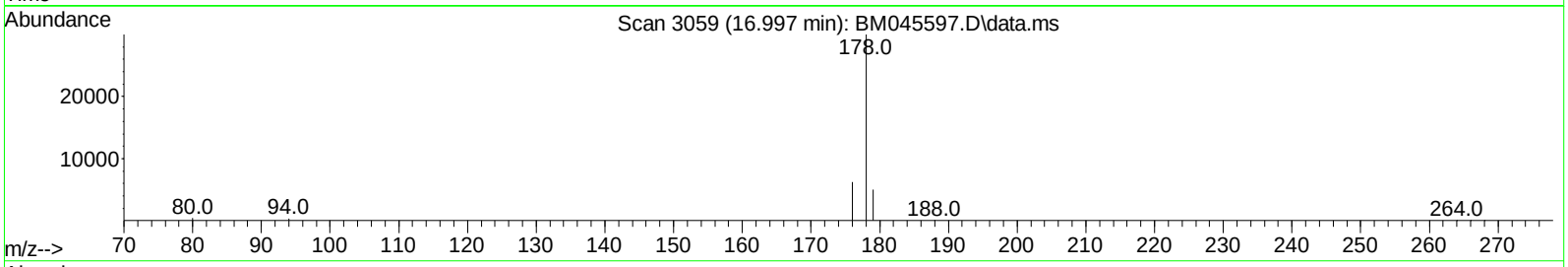

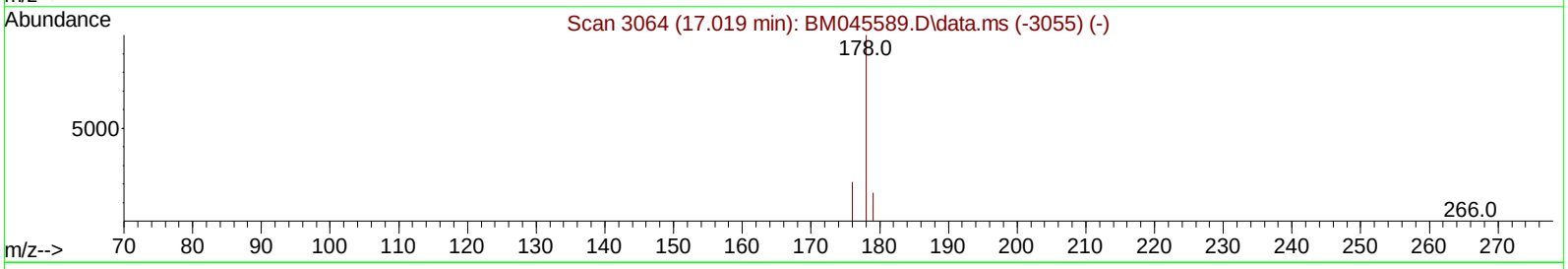

TIC: BM045597.D\data.ms

(15) Phenanthrene

16.997min (-0.025) 5.26 ng/ul m

response 41832

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.81
176.00	23.70	20.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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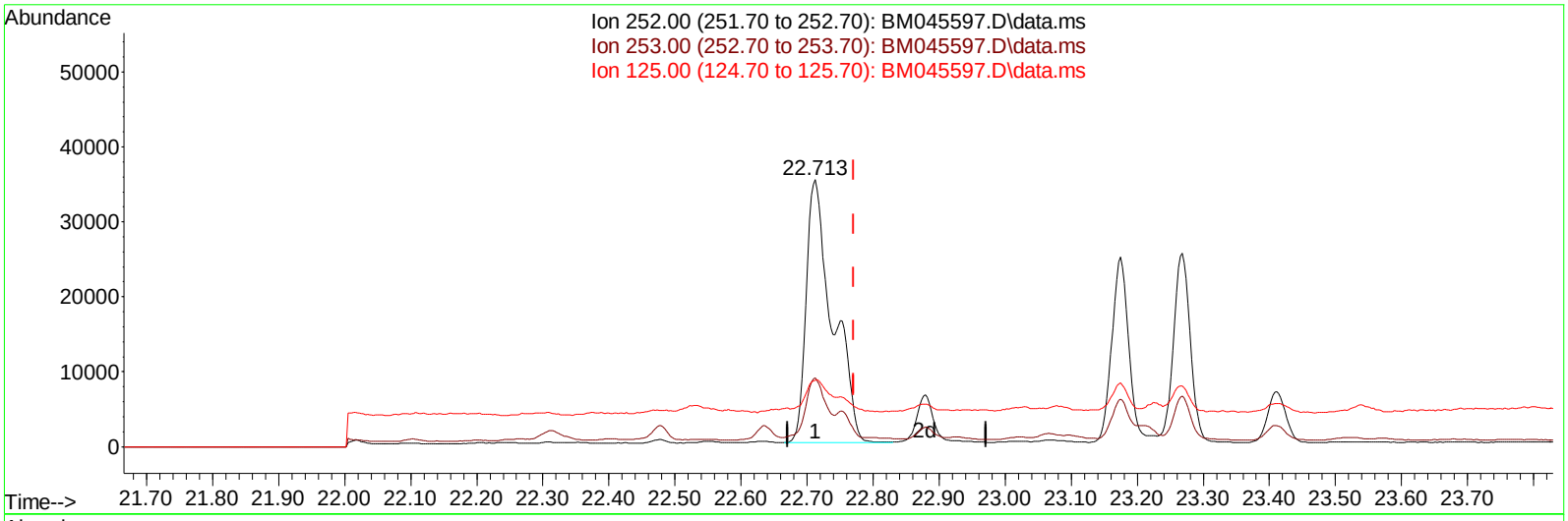

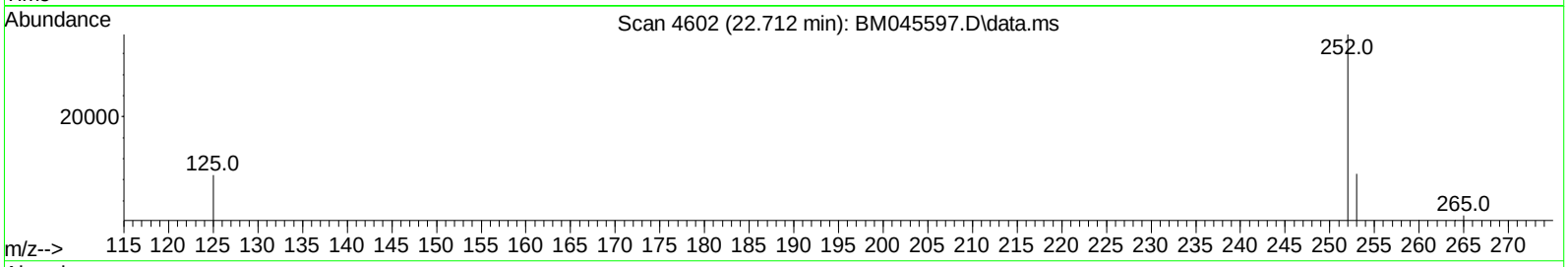

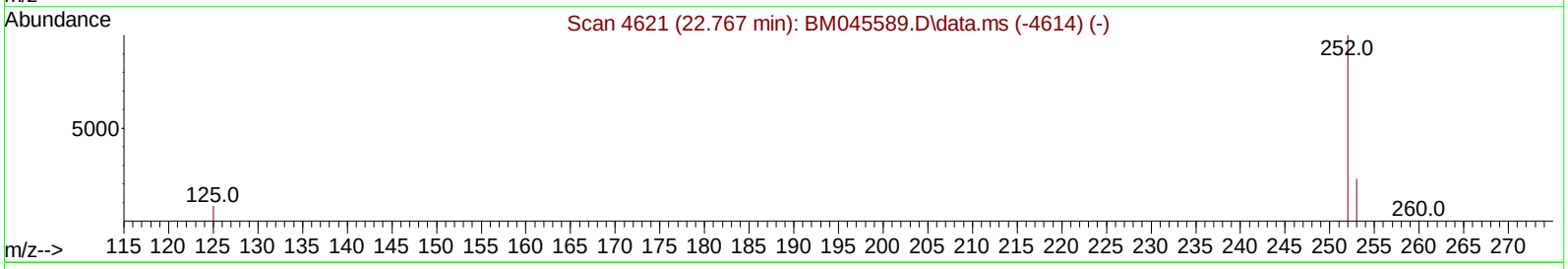

TIC: BM045597.D\data.ms

(25) Benzo(k)fluoranthene

22.712min (-0.058) 7.08 ng/ul

response 97773

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.79
125.00	18.50	24.97#
0.00	0.00	0.00

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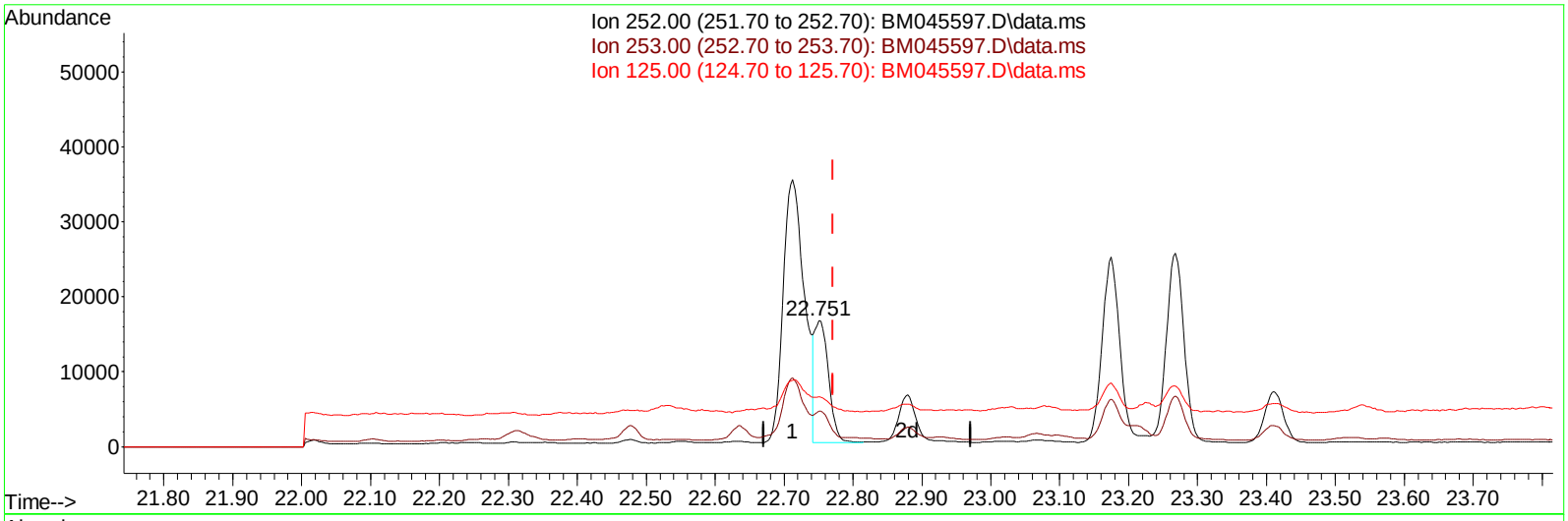

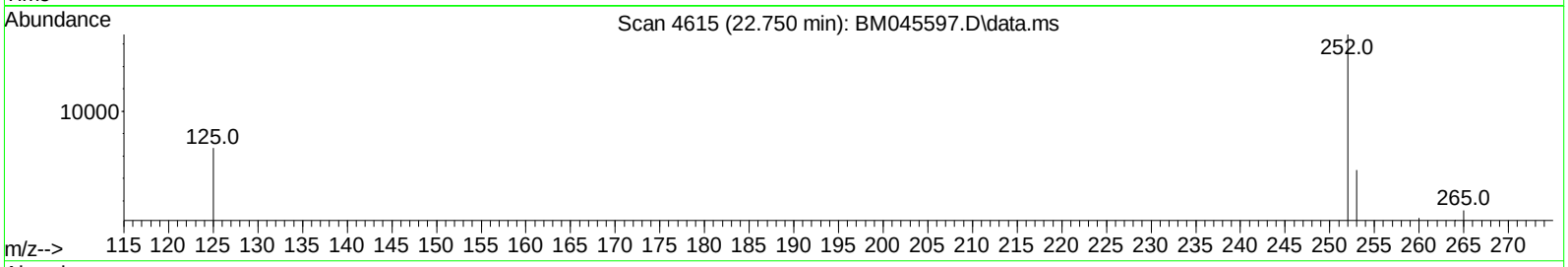

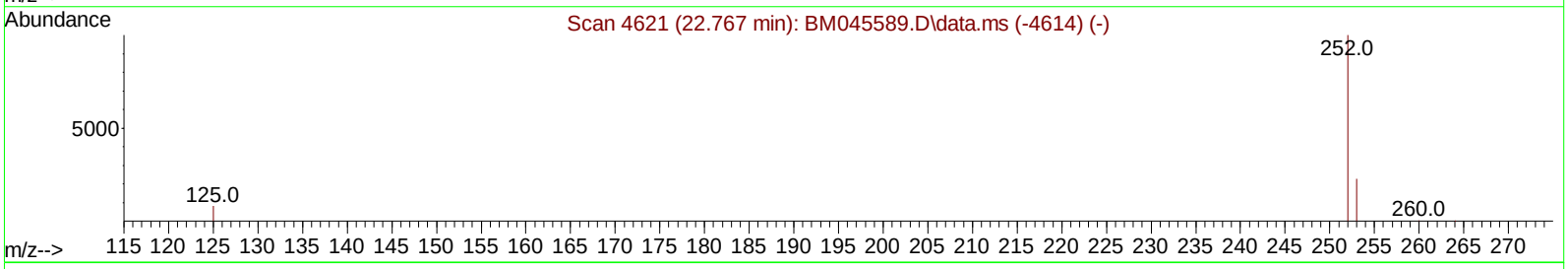

TIC: BM045597.D\data.ms

(25) Benzo(k)fluoranthene

22.750min (-0.020) 1.62 ng/ul m

response 22407

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.09
125.00	18.50	39.87#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1079	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2948	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.196	164	1533	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2731m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	2288	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	3251	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5862	4.053	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1036	0.266	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1626	0.226	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.352	128	16009	2.022	ng/ul#	88
7) 2-Methylnaphthalene	11.986	142	8564	1.894	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	4623	0.912	ng/ul	99
10) Acenaphthylene	13.909	152	6906	0.913	ng/ul	98
11) Acenaphthene	14.256	153	800	0.142	ng/ul	87
12) Fluorene	15.255	166	3469	0.578	ng/ul#	97
15) Phenanthrene	16.997	178	41832m	5.260	ng/ul	
16) Anthracene	17.089	178	8297	1.115	ng/ul	98
19) Fluoranthene	19.029	202	64590	6.117	ng/ul#	90
20) Pyrene	19.396	202	60312	5.557	ng/ul#	92
21) Benzo(a)anthracene	21.158	228	32699	4.471	ng/ul	98
22) Chrysene	21.211	228	38077	3.386	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	75096	6.867	ng/ul	88
25) Benzo(k)fluoranthene	22.750	252	22407m	1.622	ng/ul	
26) Benzo(a)pyrene	23.268	252	45519	4.013	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.545	276	45440	2.756	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.555	278	12274	0.939	ng/ul#	69
29) Benzo(g,h,i)perylene	26.215	276	49527	3.344	ng/ul	98

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