

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040625.D
 Acq On : 04 Jul 2023 23:22
 Operator : MA/JU
 Sample : 03244-19DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:43:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

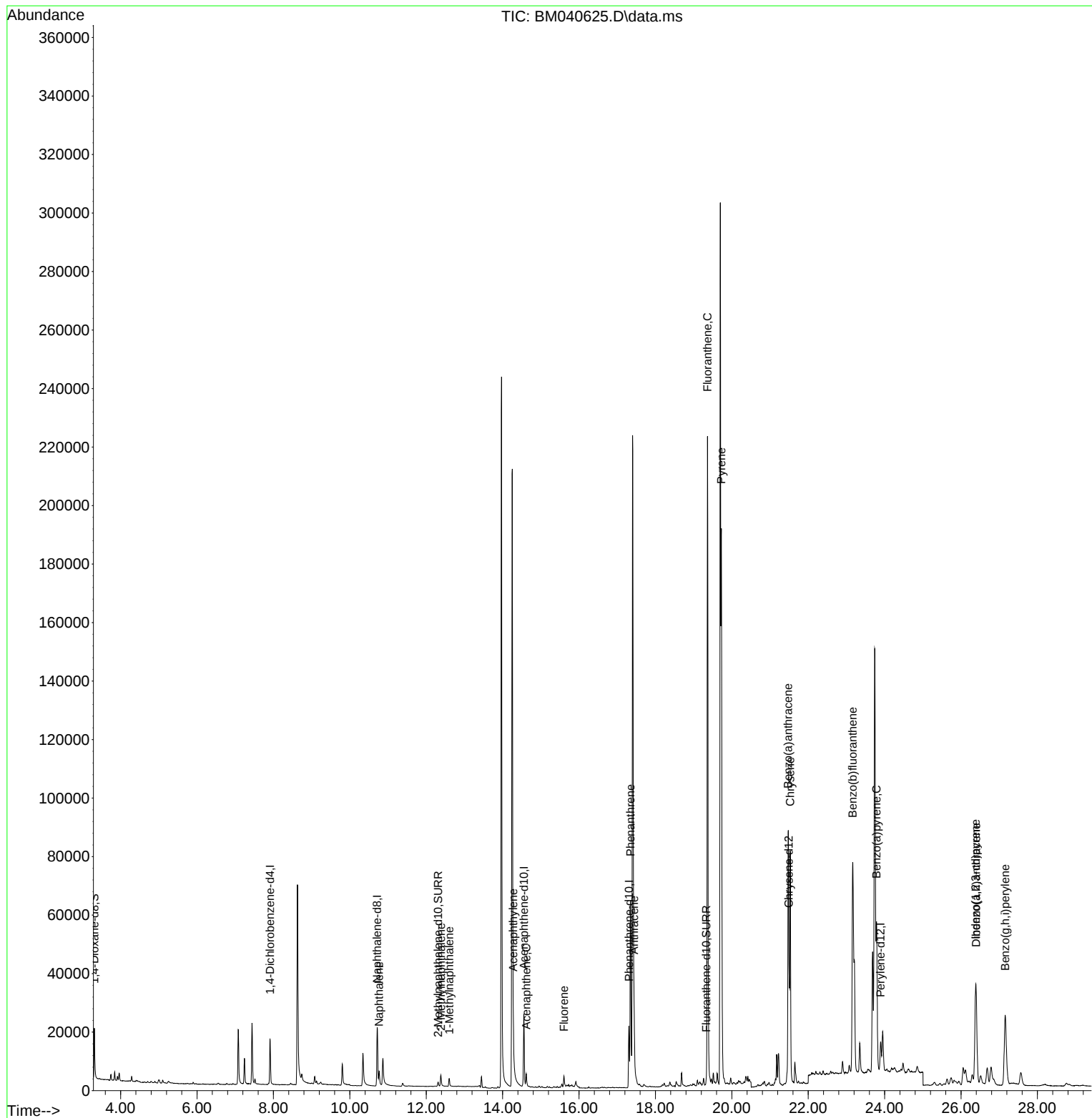
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	8515	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.716	136	30958	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.557	164	14644	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.305	188	28083	0.400	ng/ul	-0.01
17) Chrysene-d12	21.492	240	16105	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	15106	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	10269	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	2474	0.057	ng/ul	-0.01
18) Fluoranthene-d10	19.332	212	3449	0.067	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.766	128	6944	0.081	ng/ul#	95
7) 2-Methylnaphthalene	12.382	142	3458	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	2088	0.042	ng/ul	98
10) Acenaphthylene	14.280	152	12455	0.190	ng/ul	98
11) Acenaphthene	14.617	153	2618	0.047	ng/ul	96
12) Fluorene	15.603	166	2822	0.048	ng/ul#	93
15) Phenanthrene	17.348	178	81612	0.936	ng/ul	99
16) Anthracene	17.441	178	17678	0.241	ng/ul	98
19) Fluoranthene	19.364	202	213332	3.118	ng/ul	96
20) Pyrene	19.727	202	162811	2.220	ng/ul	98
21) Benzo(a)anthracene	21.474	228	89720	1.647	ng/ul	98
22) Chrysene	21.527	228	83303	1.341	ng/ul	98
24) Benzo(b)fluoranthene	23.163	252	134651	2.303	ng/ul	90
26) Benzo(a)pyrene	23.789	252	79160	1.503	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.387	276	69400	0.946	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	16697	0.291	ng/ul	93
29) Benzo(g,h,i)perylene	27.159	276	63039	0.981	ng/ul	96

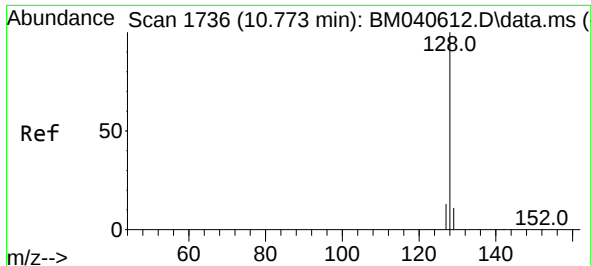
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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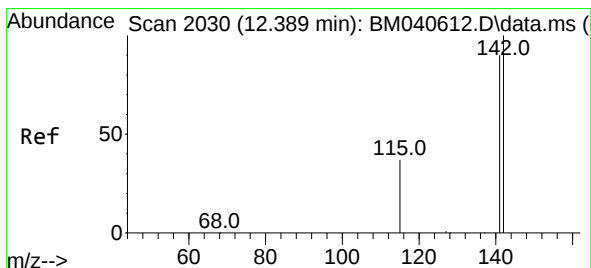
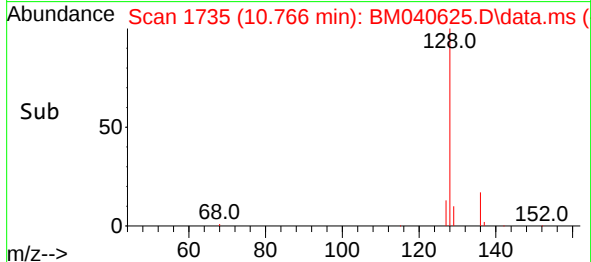
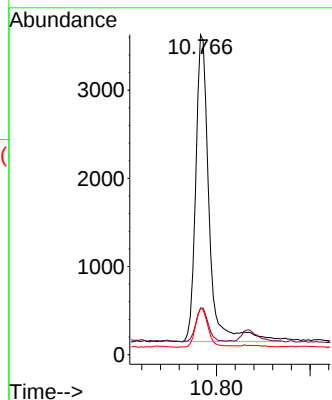
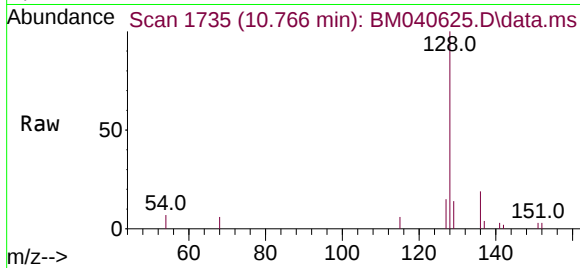




#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.766 min Scan# 1735
Delta R.T. -0.018 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

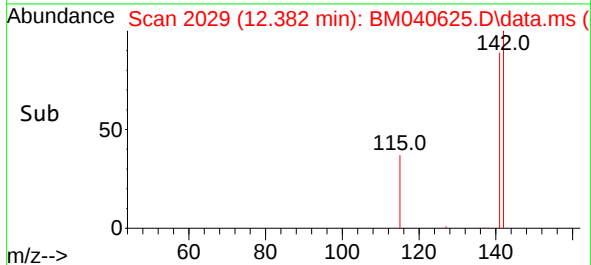
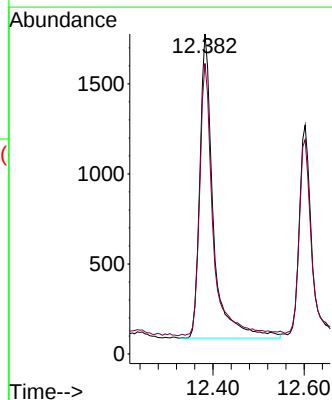
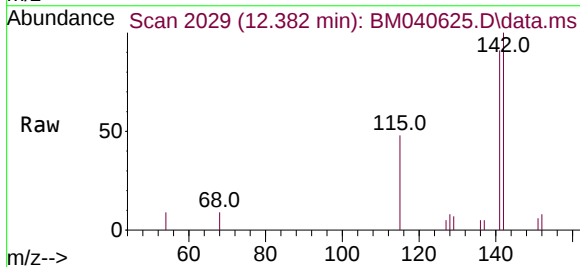
Instrument :
BNA_M
ClientSampleId :

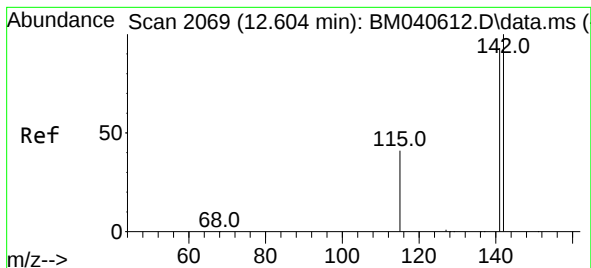
Tgt Ion:128 Resp: 6944
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8#
127 14.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.382 min Scan# 2029
Delta R.T. -0.013 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Tgt Ion:142 Resp: 3458
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.602 min Scan# 2069

Delta R.T. -0.013 min

Lab File: BM040625.D

Acq: 04 Jul 2023 23:22

Instrument :

BNA_M

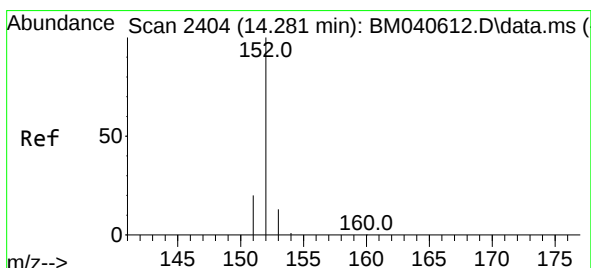
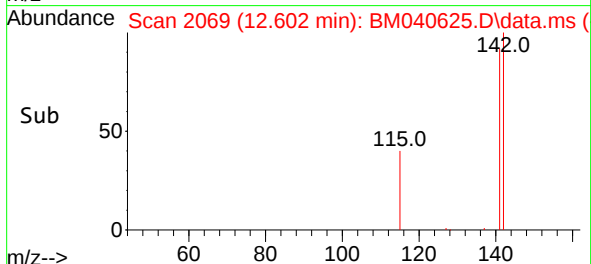
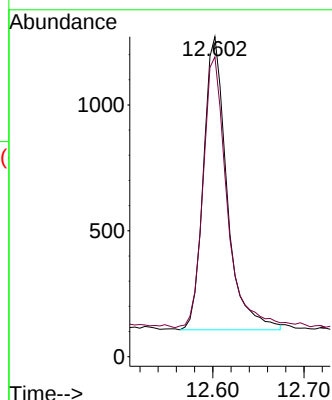
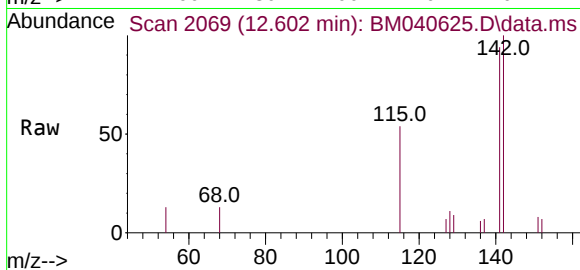
ClientSampleId :

Tgt Ion:142 Resp: 2088

Ion Ratio Lower Upper

142 100

141 94.1 73.7 110.5



#10

Acenaphthylene

Concen: 0.190 ng/ul

RT: 14.280 min Scan# 2404

Delta R.T. -0.011 min

Lab File: BM040625.D

Acq: 04 Jul 2023 23:22

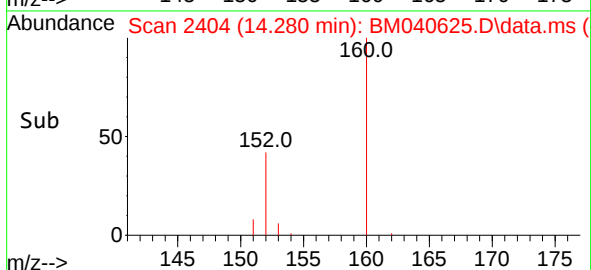
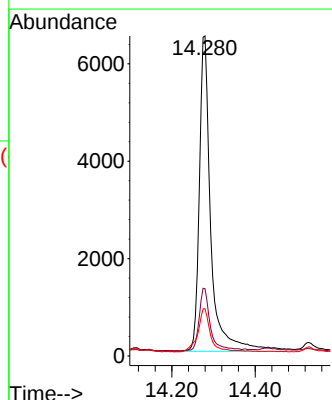
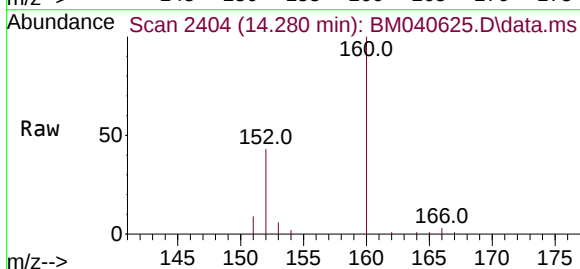
Tgt Ion:152 Resp: 12455

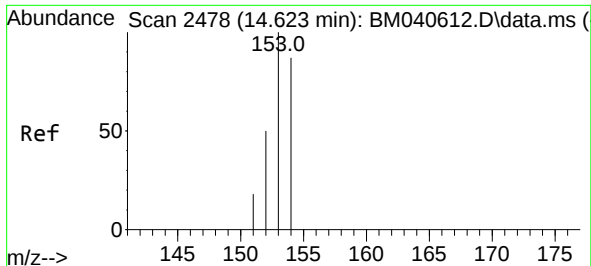
Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.2

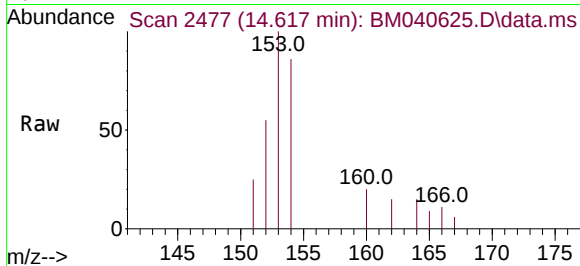
153 14.8 10.9 16.3



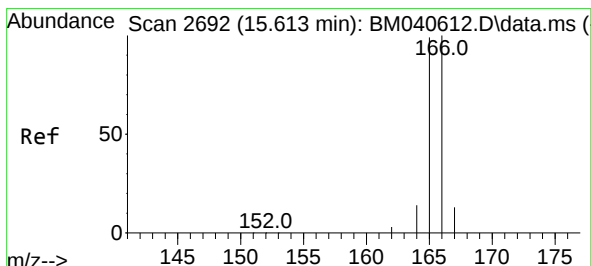
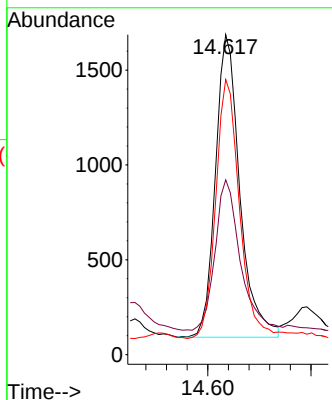
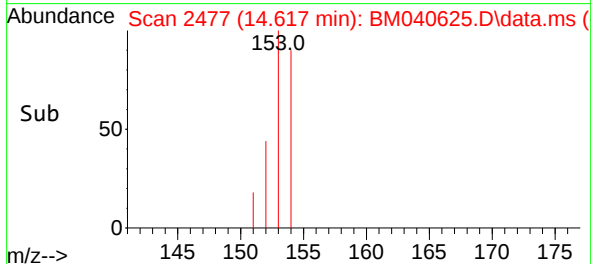


#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.617 min Scan# 2477
Delta R.T. -0.015 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Instrument :
BNA_M
ClientSampleId :

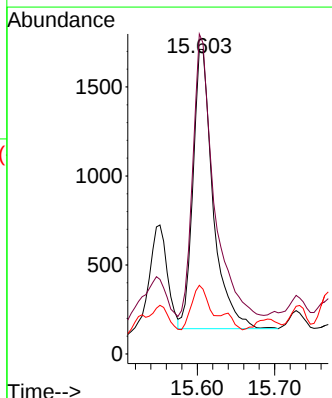
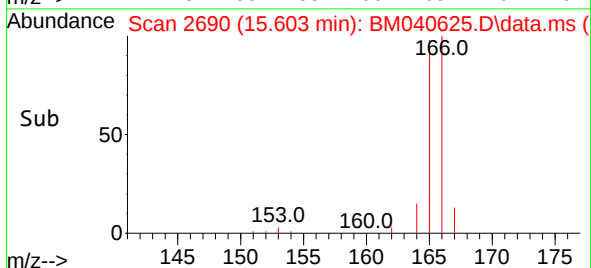
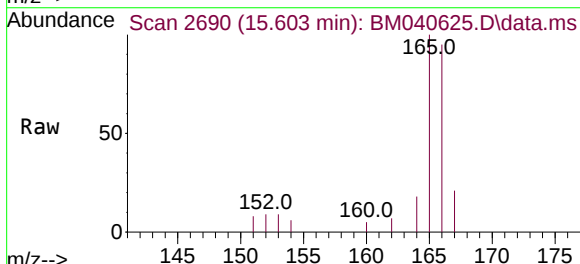


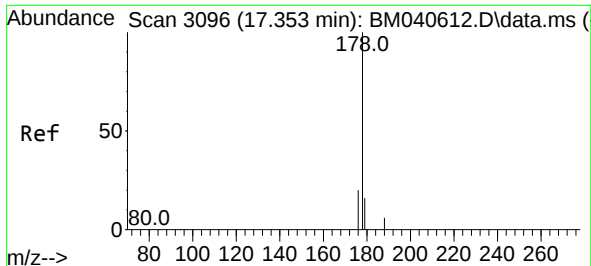
Tgt Ion:153 Resp: 2618
Ion Ratio Lower Upper
153 100
152 54.7 41.0 61.4
154 86.0 70.8 106.2



#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.603 min Scan# 2690
Delta R.T. -0.015 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Tgt Ion:166 Resp: 2822
Ion Ratio Lower Upper
166 100
165 105.0 79.6 119.4
167 22.5 11.4 17.0#

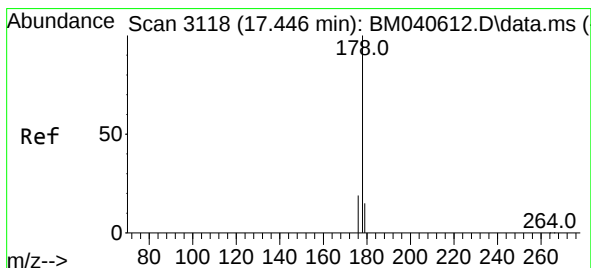
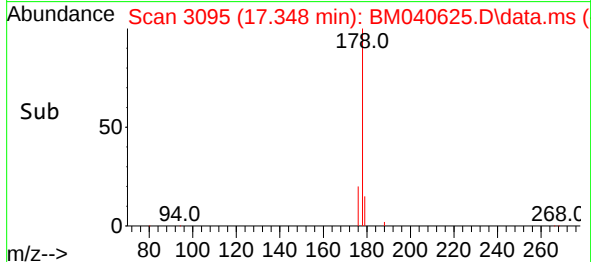
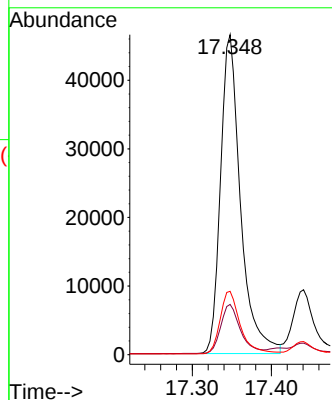
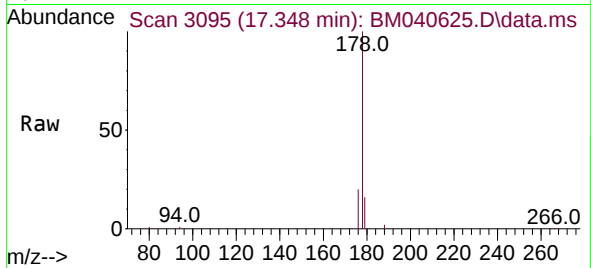




#15
Phenanthrene
Concen: 0.936 ng/ul
RT: 17.348 min Scan# 3095
Delta R.T. -0.014 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

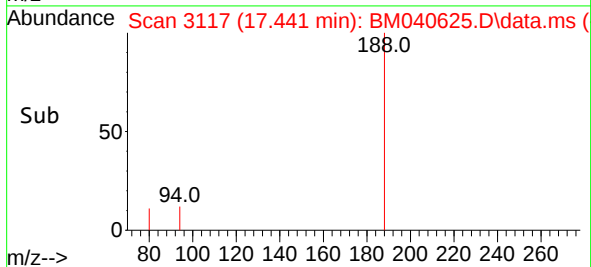
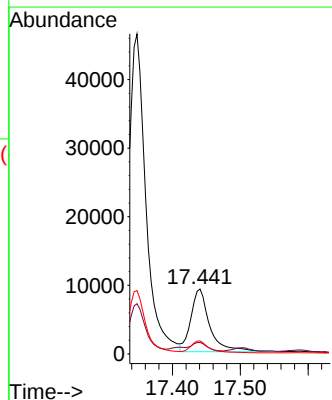
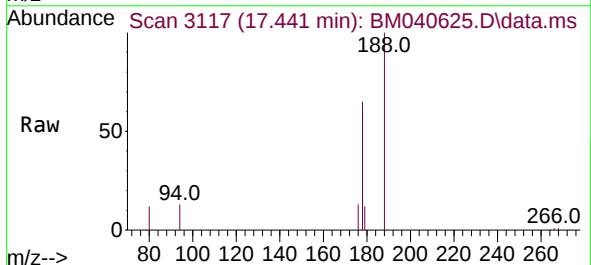
Instrument :
BNA_M
ClientSampleId :

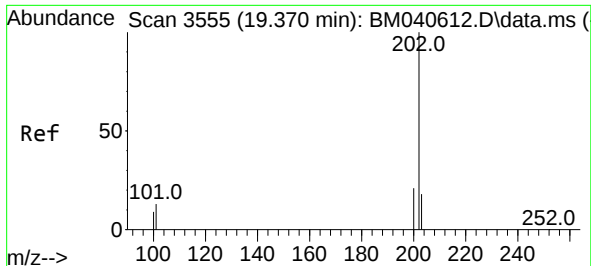
Tgt Ion:178 Resp: 81612
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.8 16.4 24.6



#16
Anthracene
Concen: 0.241 ng/ul
RT: 17.441 min Scan# 3117
Delta R.T. -0.014 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

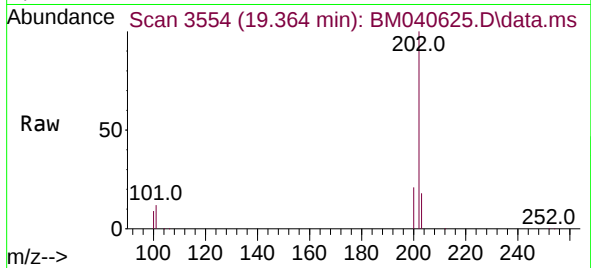
Tgt Ion:178 Resp: 17678
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 20.2 15.8 23.6



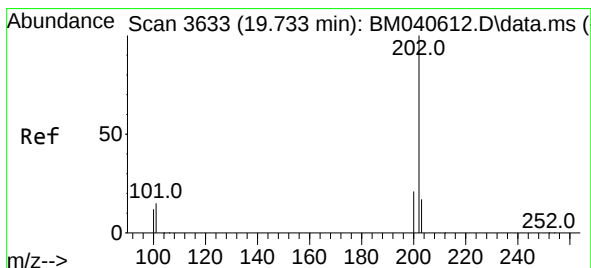
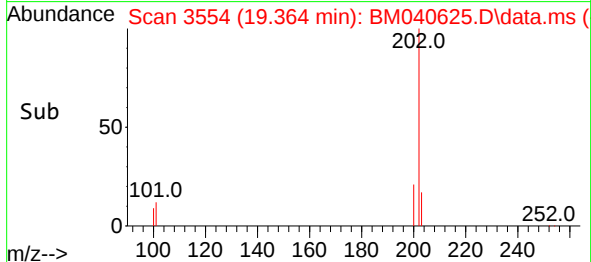
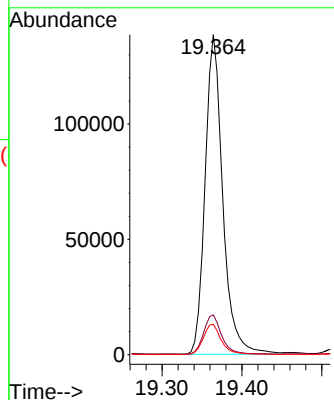


#19
Fluoranthene
Concen: 3.118 ng/ul
RT: 19.364 min Scan# 3554
Delta R.T. -0.015 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Instrument :
BNA_M
ClientSampleId :

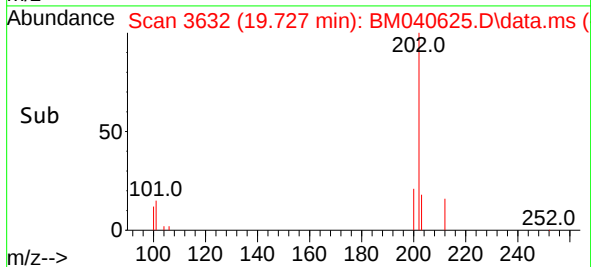
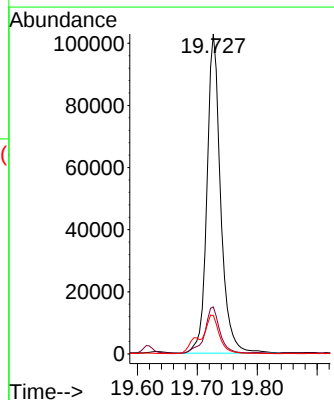
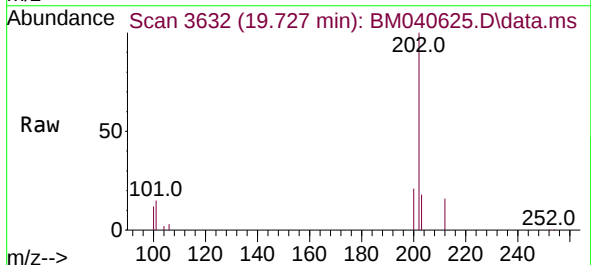


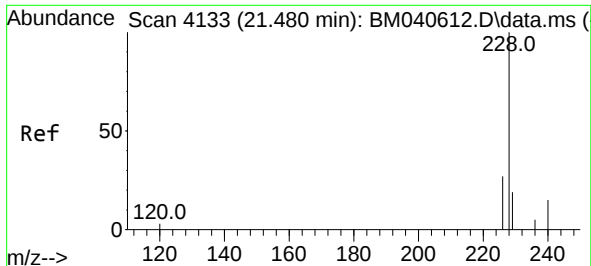
Tgt Ion:202 Resp: 213332
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.4 8.7 13.1



#20
Pyrene
Concen: 2.220 ng/ul
RT: 19.727 min Scan# 3632
Delta R.T. -0.015 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

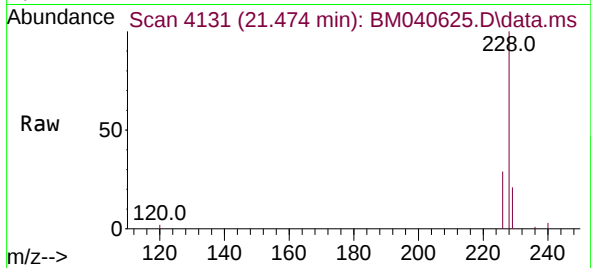
Tgt Ion:202 Resp: 162811
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.0 9.8 14.6



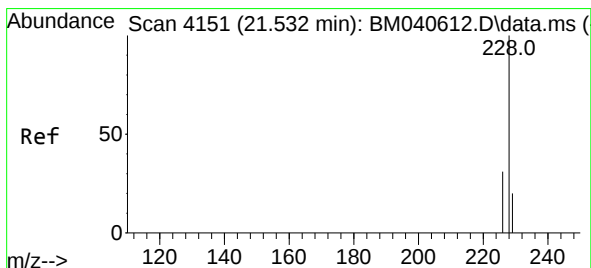
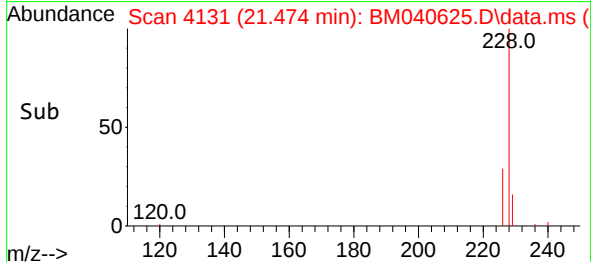
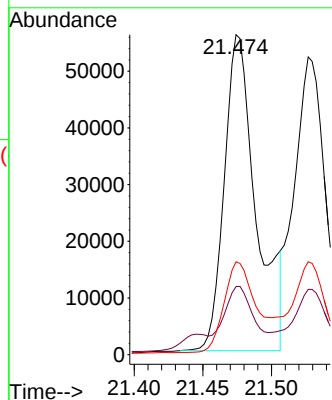


#21
Benzo(a)anthracene
Concen: 1.647 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.014 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Instrument :
BNA_M
ClientSampleId :

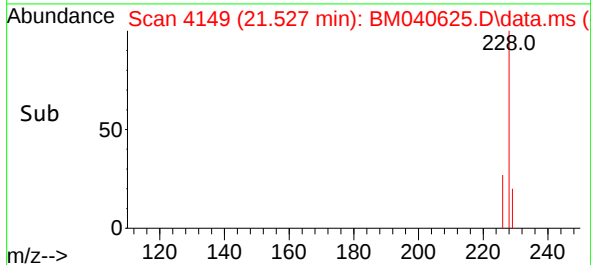
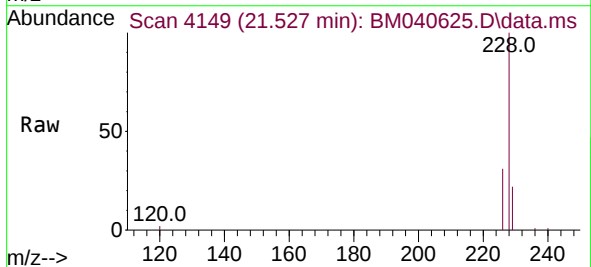
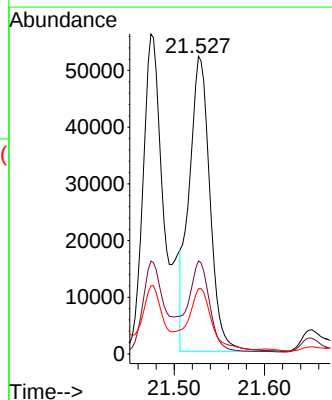


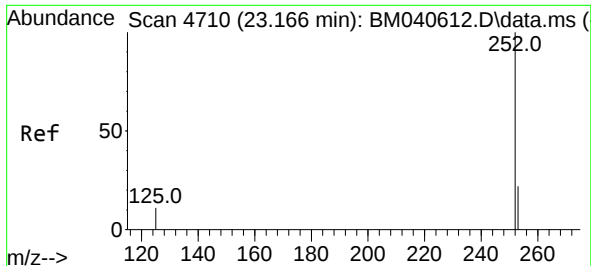
Tgt Ion:228 Resp: 89720
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 29.1 22.3 33.5



#22
Chrysene
Concen: 1.341 ng/ul
RT: 21.527 min Scan# 4149
Delta R.T. -0.014 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

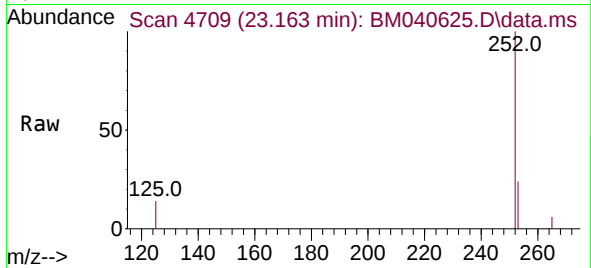
Tgt Ion:228 Resp: 83303
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.0 15.8 23.6



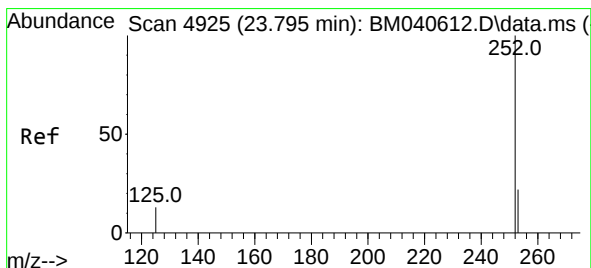
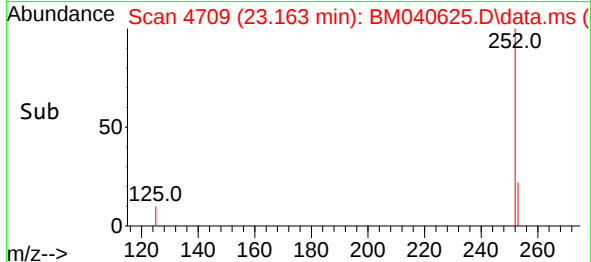
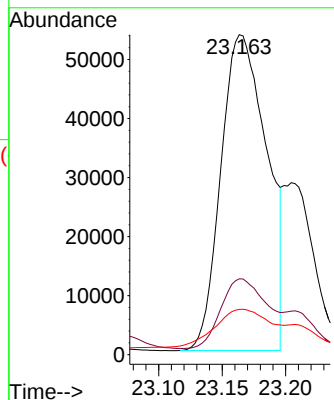


#24
Benzo(b)fluoranthene
Concen: 2.303 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.017 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Instrument :
BNA_M
ClientSampleId :

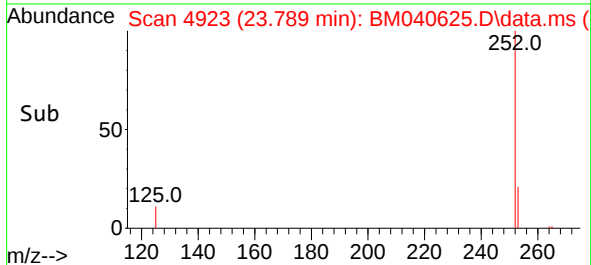
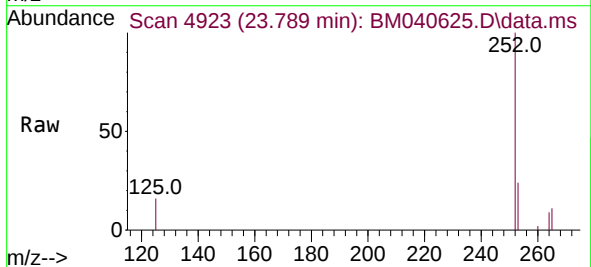
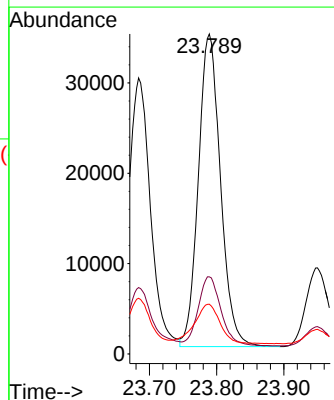


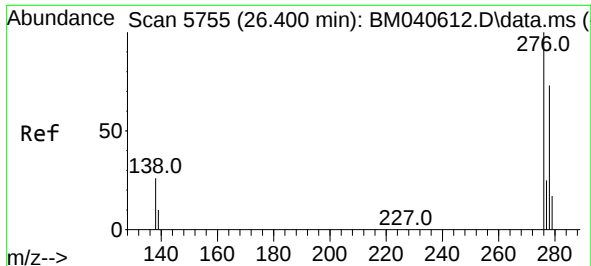
Tgt Ion:252 Resp: 134651
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 14.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.503 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.014 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

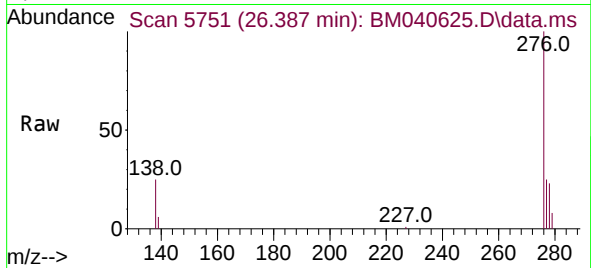
Tgt Ion:252 Resp: 79160
Ion Ratio Lower Upper
252 100
253 24.1 22.9 34.3
125 15.6 21.0 31.4#



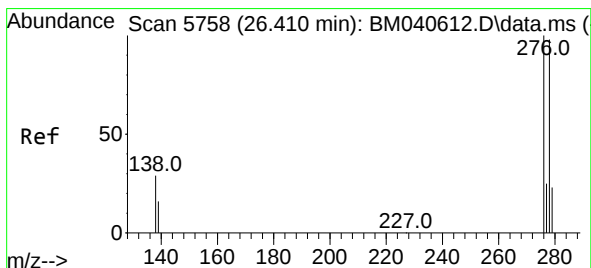
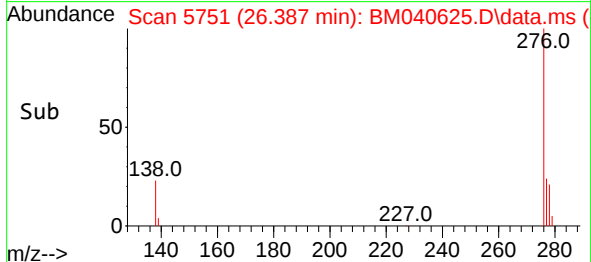
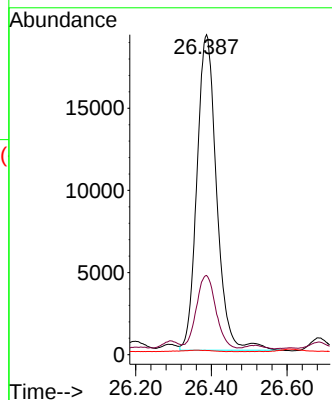


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.946 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.030 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

Instrument :
BNA_M
ClientSampleId :

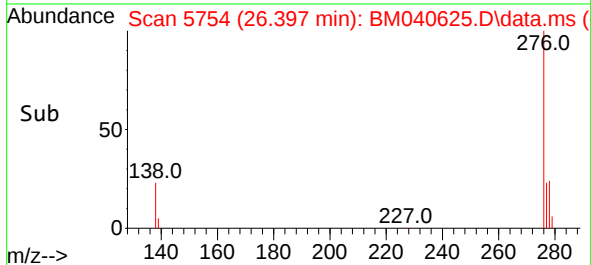
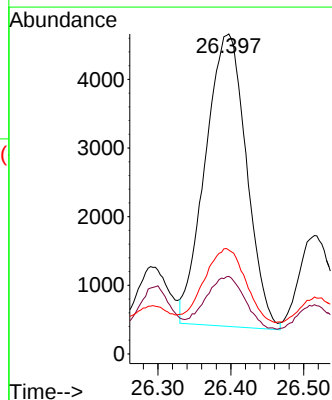
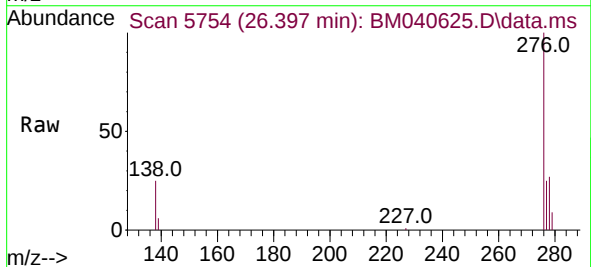


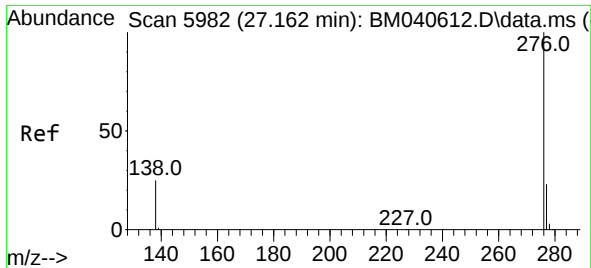
Tgt Ion:276 Resp: 69400
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.291 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.033 min
Lab File: BM040625.D
Acq: 04 Jul 2023 23:22

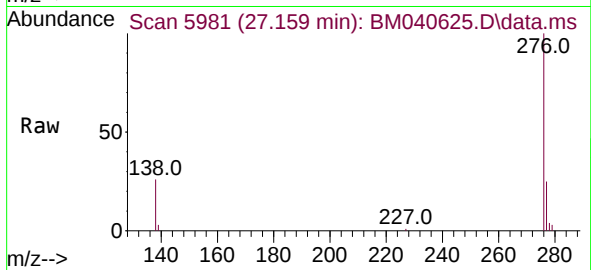
Tgt Ion:278 Resp: 16697
Ion Ratio Lower Upper
278 100
139 24.3 17.9 26.9
279 32.5 22.0 33.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.981 ng/ul
 RT: 27.159 min Scan# 5981
 Delta R.T. -0.023 min
 Lab File: BM040625.D
 Acq: 04 Jul 2023 23:22

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 63039
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.0 34.6
 277 24.7 20.3 30.5

