

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040607.D
 Acq On : 04 Jul 2023 11:34
 Operator : MA/JU
 Sample : 03243-15DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 01:17:58 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)

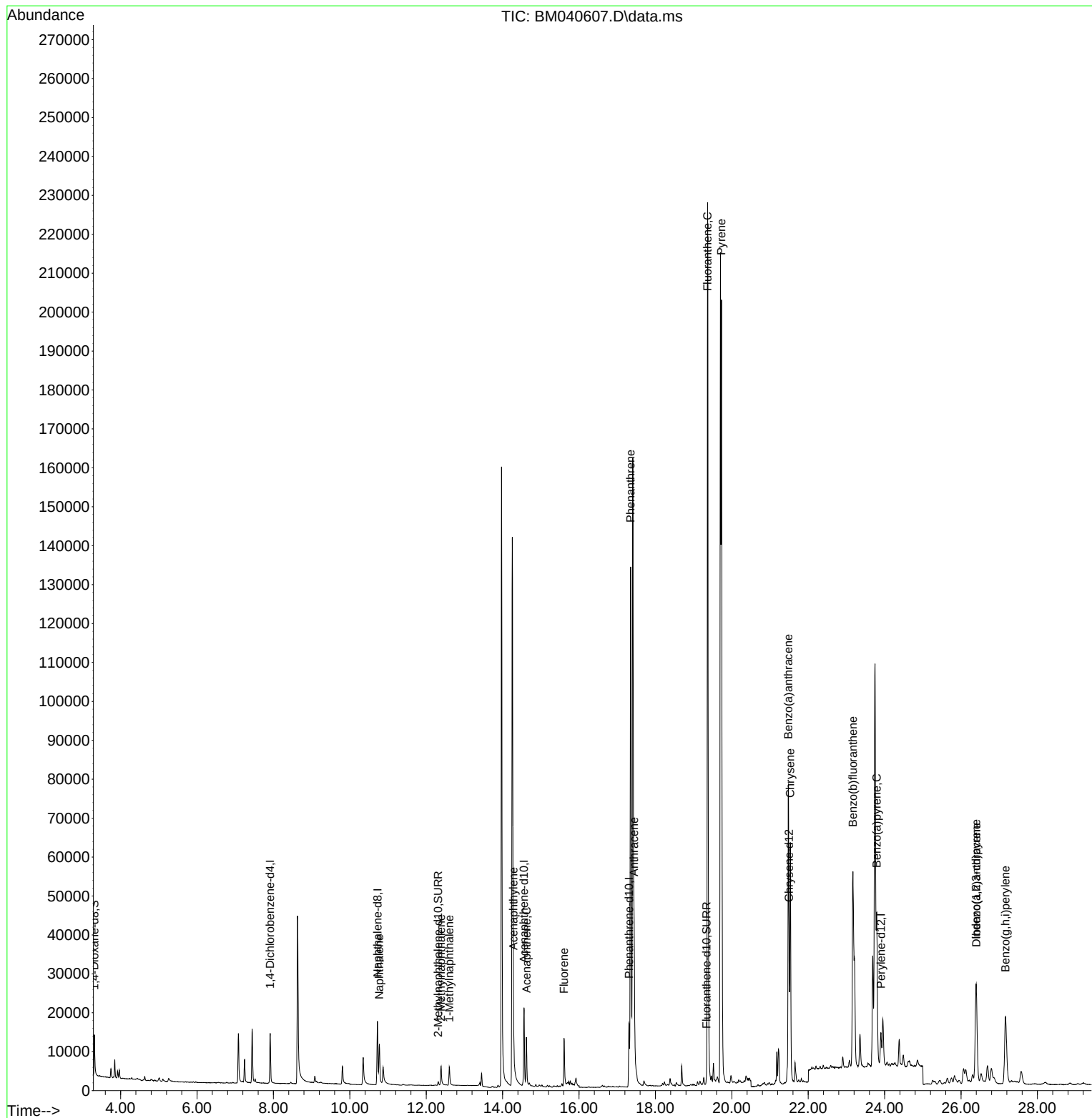
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	6710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	25566	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	23360	0.400	ng/ul	-0.01
17) Chrysene-d12	21.497	240	13452	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12721	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6346	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1706	0.048	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	2510	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	15647	0.222	ng/ul	99
7) 2-Methylnaphthalene	12.389	142	4775	0.115	ng/ul	98
8) 1-Methylnaphthalene	12.604	142	3748	0.091	ng/ul	99
10) Acenaphthylene	14.281	152	12231	0.228	ng/ul	98
11) Acenaphthene	14.623	153	7774	0.172	ng/ul	98
12) Fluorene	15.609	166	9133	0.189	ng/ul	98
15) Phenanthrene	17.349	178	166881	2.300	ng/ul	99
16) Anthracene	17.442	178	39037	0.640	ng/ul	99
19) Fluoranthene	19.366	202	223088	3.904	ng/ul	97
20) Pyrene	19.728	202	168271	2.747	ng/ul	99
21) Benzo(a)anthracene	21.480	228	75977	1.670	ng/ul	98
22) Chrysene	21.532	228	65276	1.258	ng/ul	98
24) Benzo(b)fluoranthene	23.169	252	98346	1.998	ng/ul	92
26) Benzo(a)pyrene	23.792	252	60119	1.356	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.397	276	51016	0.826	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.404	278	11056	0.229	ng/ul#	87
29) Benzo(g,h,i)perylene	27.165	276	44969	0.831	ng/ul	97

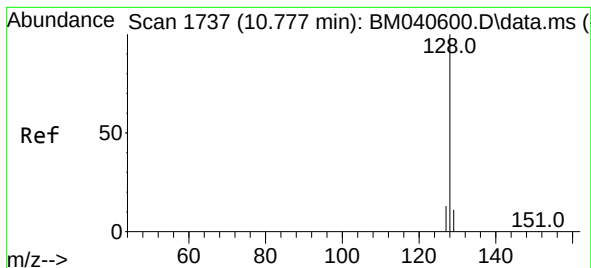
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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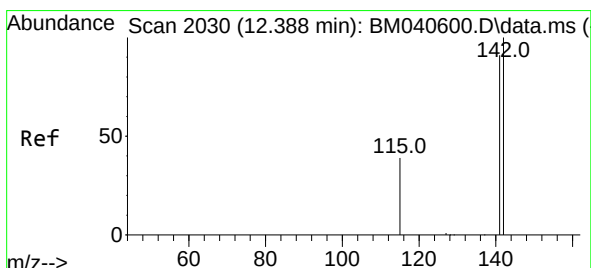
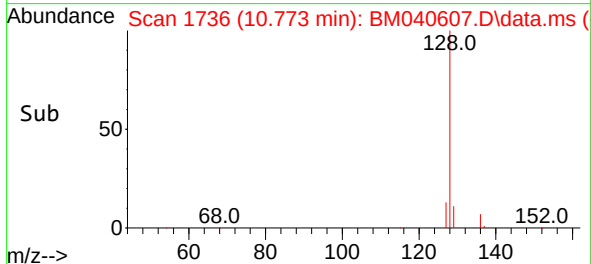
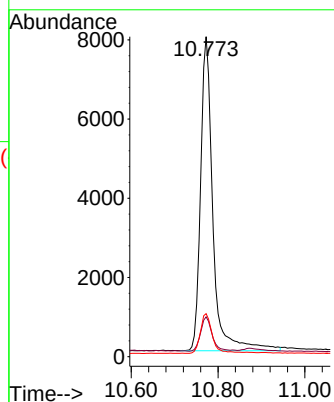
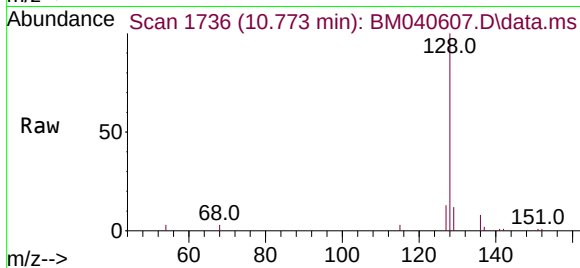




#5
Naphthalene
Concen: 0.222 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

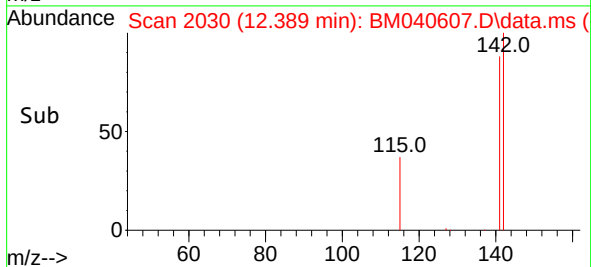
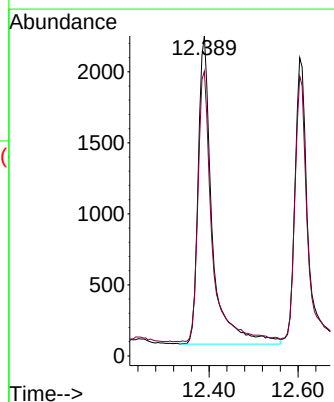
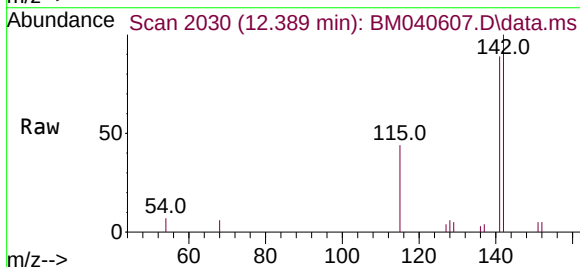
Instrument :
BNA_M
ClientSampleId :

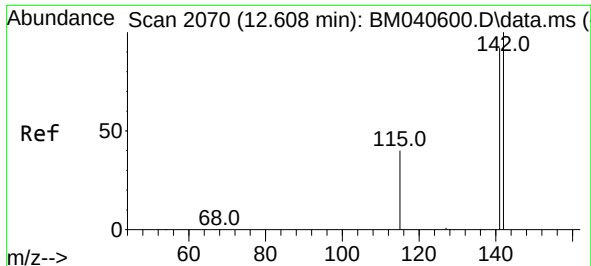
Tgt Ion:128 Resp: 15647
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.4 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Tgt Ion:142 Resp: 4775
Ion Ratio Lower Upper
142 100
141 88.2 71.9 107.9

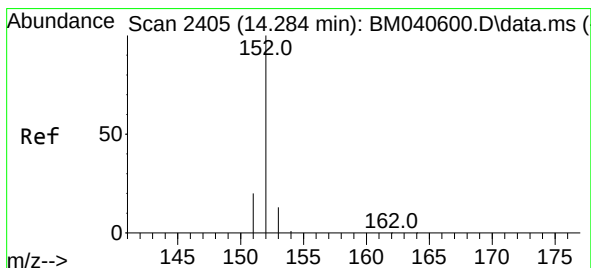
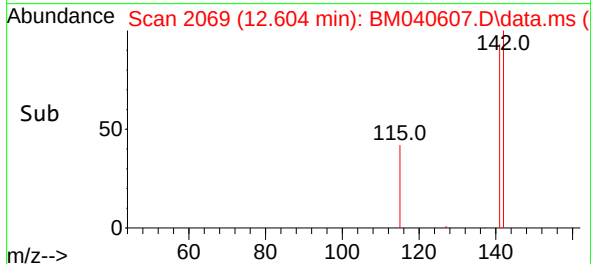
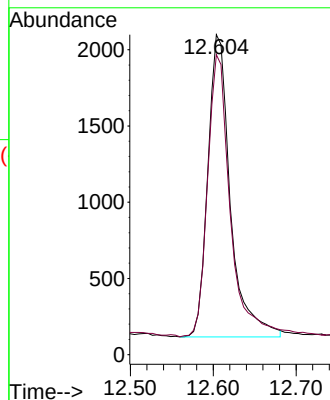
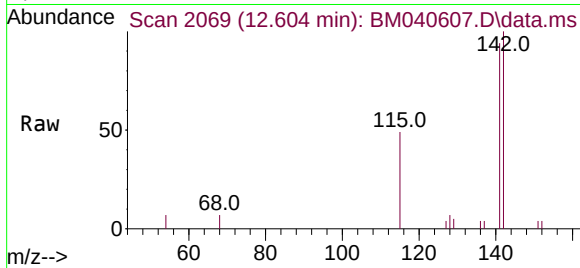




#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.604 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

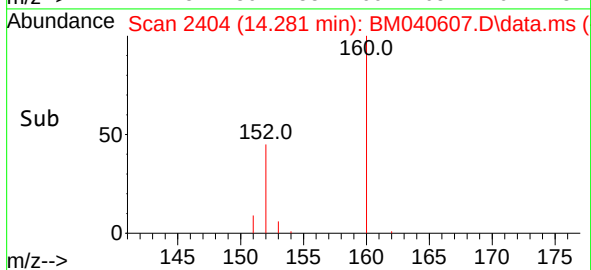
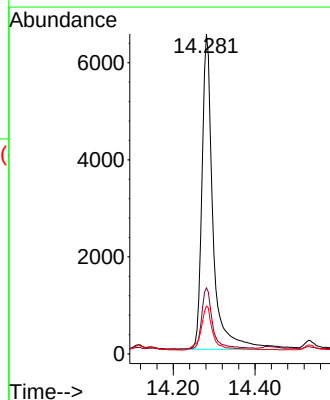
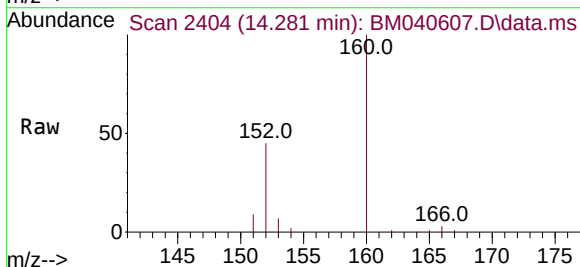
Instrument :
BNA_M
ClientSampleId :

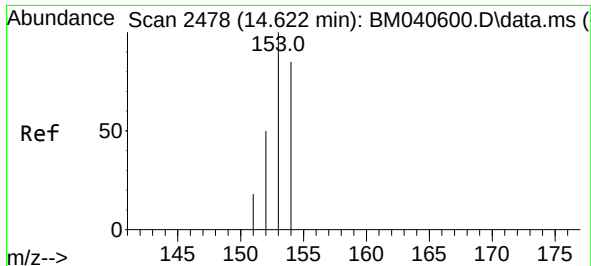
Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
141 93.5 73.7 110.5



#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

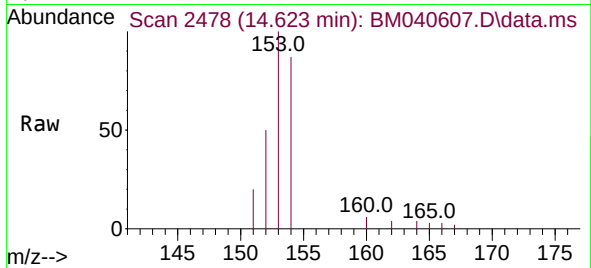
Tgt Ion:152 Resp: 12231
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 15.0 10.9 16.3



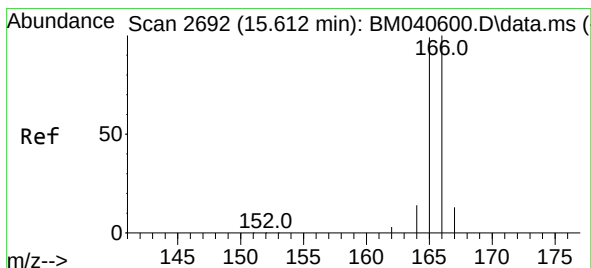
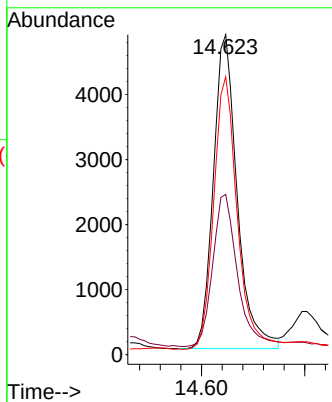
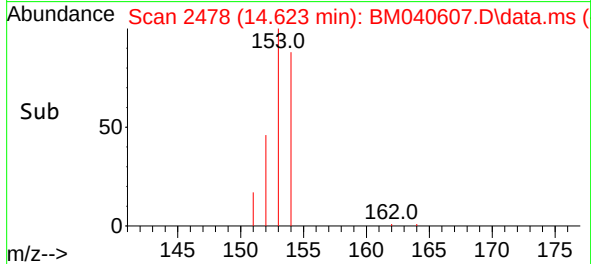


#11
Acenaphthene
Concen: 0.172 ng/ul
RT: 14.623 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Instrument :
BNA_M
ClientSampleId :

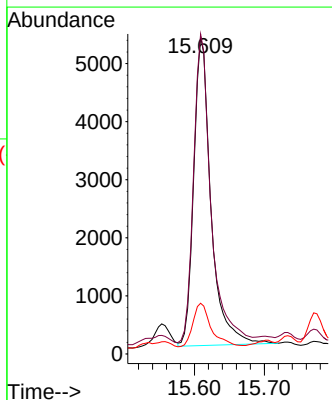
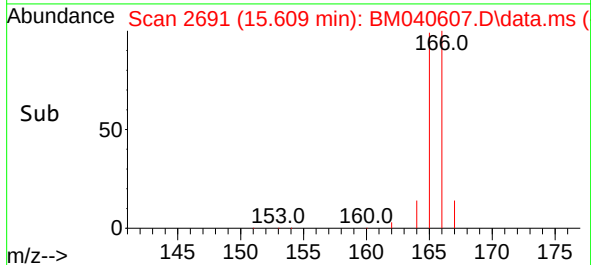
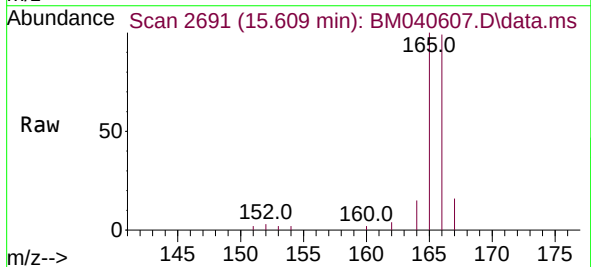


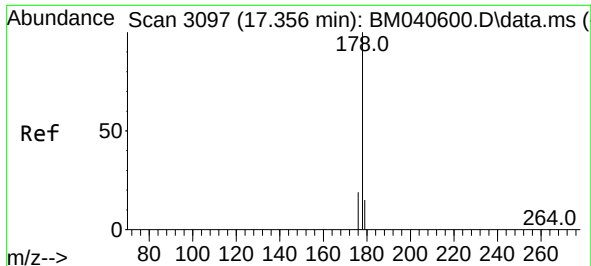
Tgt Ion:153 Resp: 7774
Ion Ratio Lower Upper
153 100
152 50.1 41.0 61.4
154 86.8 70.8 106.2



#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.609 min Scan# 2691
Delta R.T. -0.009 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

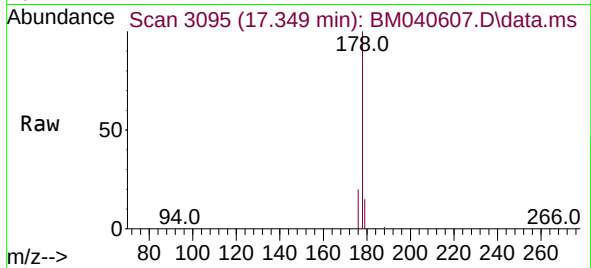
Tgt Ion:166 Resp: 9133
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 16.0 11.4 17.0



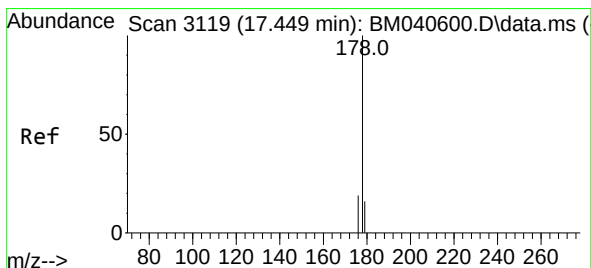
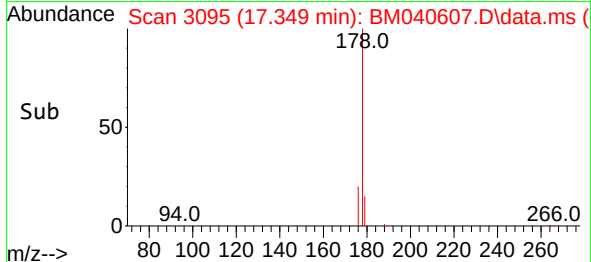
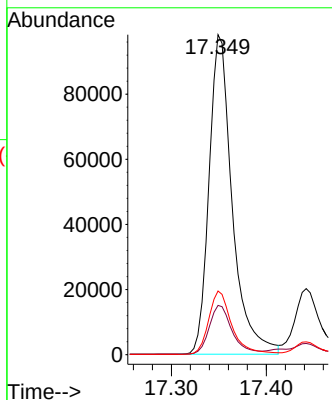


#15
Phenanthrene
Concen: 2.300 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Instrument :
BNA_M
ClientSampleId :

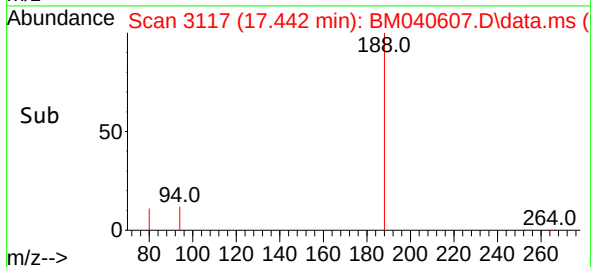
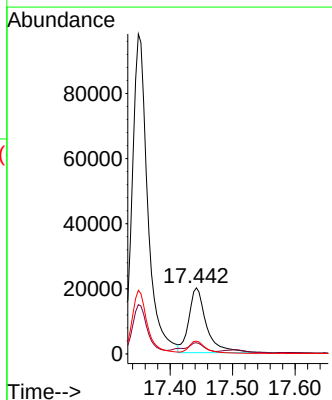
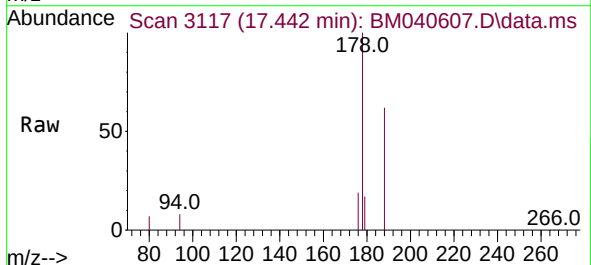


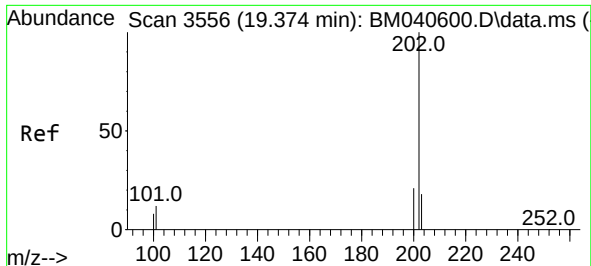
Tgt Ion:178 Resp: 166881
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.9 16.4 24.6



#16
Anthracene
Concen: 0.640 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Tgt Ion:178 Resp: 39037
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 19.5 15.8 23.6

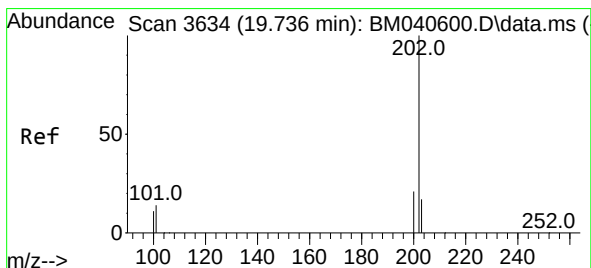
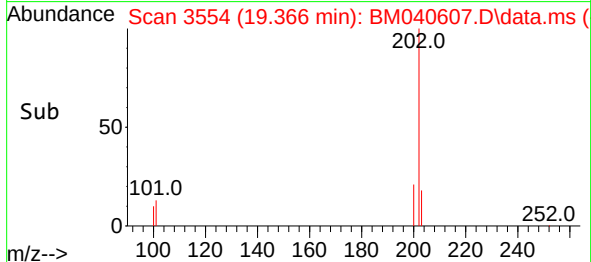
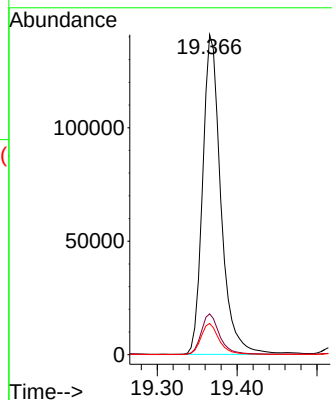
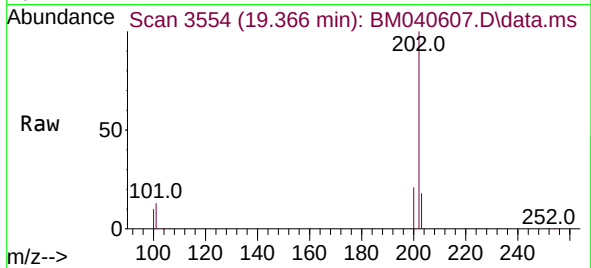




#19
Fluoranthene
Concen: 3.904 ng/ul
RT: 19.366 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

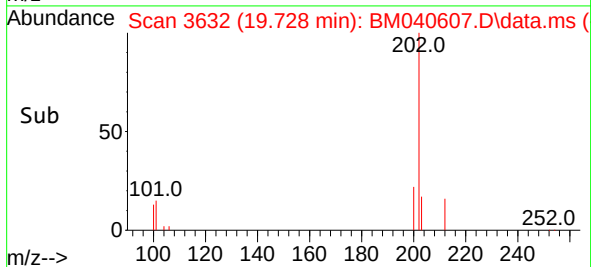
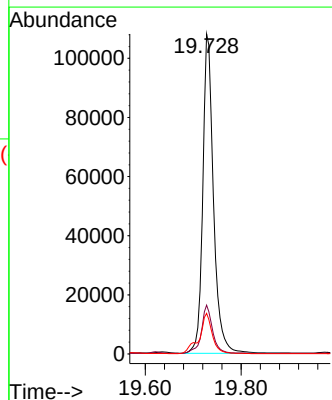
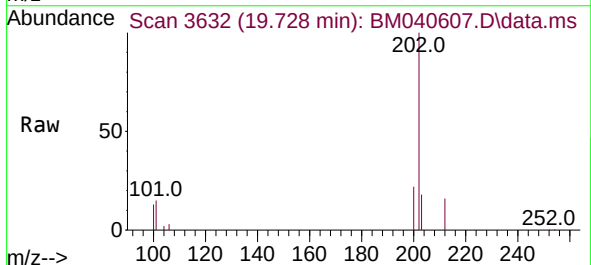
Instrument :
BNA_M
ClientSampleId :

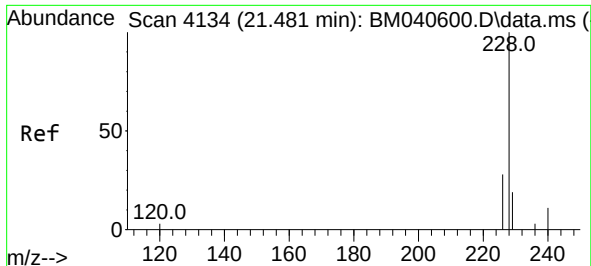
Tgt Ion:202 Resp: 223088
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.8 8.7 13.1



#20
Pyrene
Concen: 2.747 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

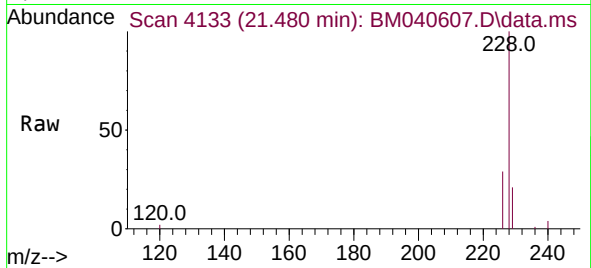
Tgt Ion:202 Resp: 168271
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.7 9.8 14.6



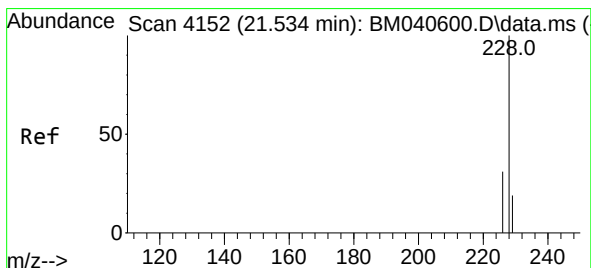
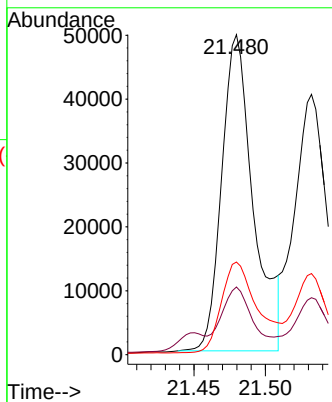
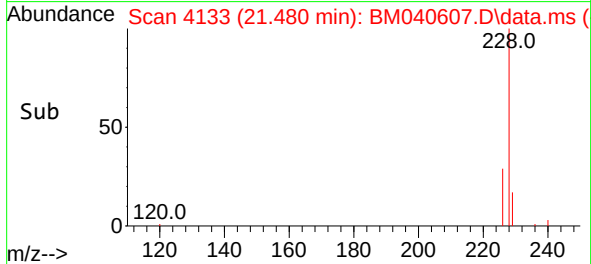


#21
Benzo(a)anthracene
Concen: 1.670 ng/ul
RT: 21.480 min Scan# 4134
Delta R.T. -0.009 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Instrument :
BNA_M
ClientSampleId :

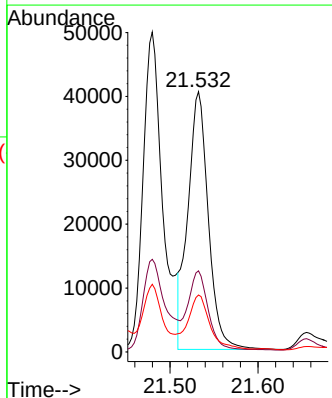
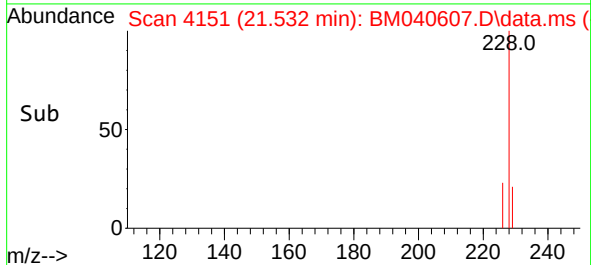
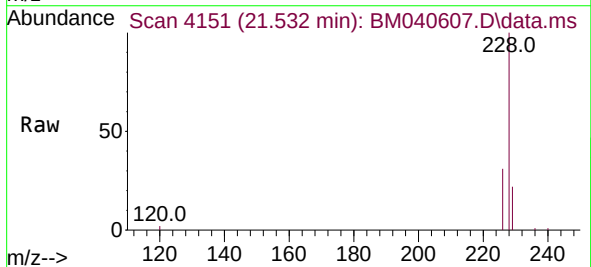


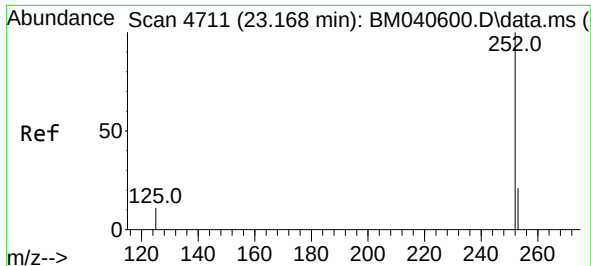
Tgt Ion:228 Resp: 75977
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 1.258 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

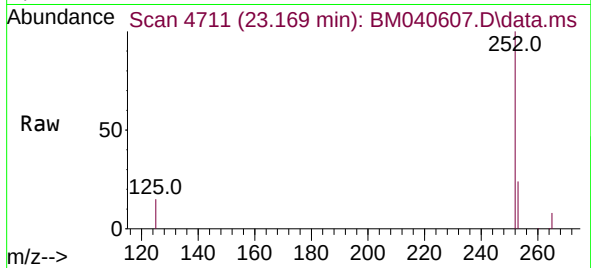
Tgt Ion:228 Resp: 65276
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 21.9 15.8 23.6



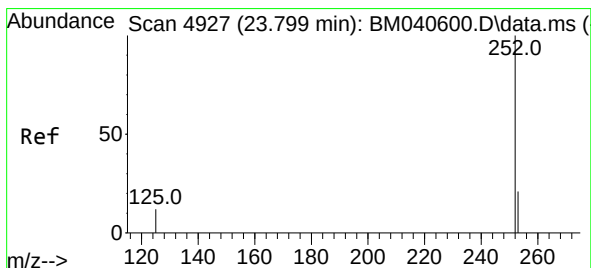
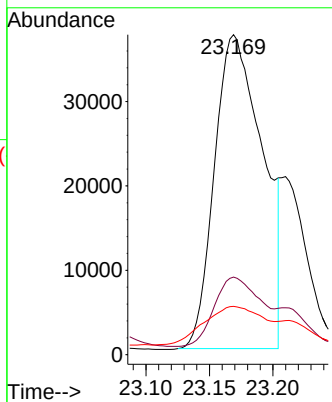
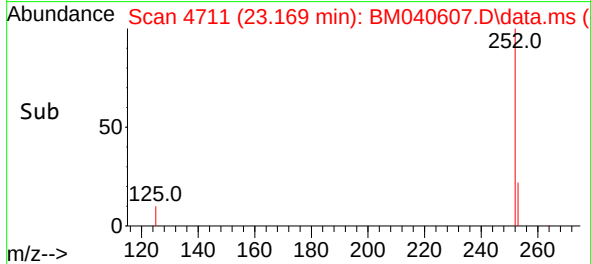


#24
Benzo(b)fluoranthene
Concen: 1.998 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Instrument :
BNA_M
ClientSampleId :

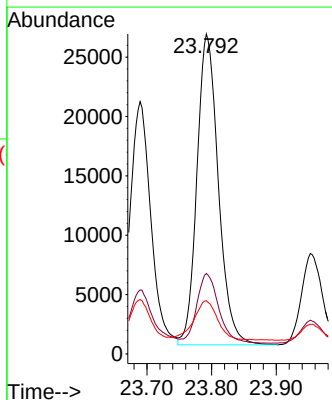
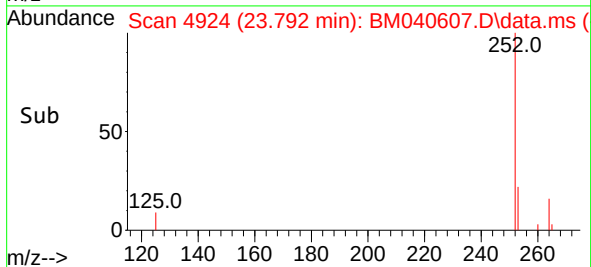
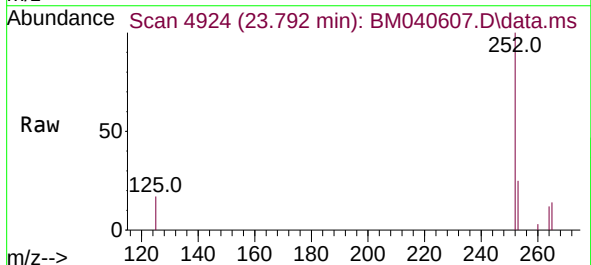


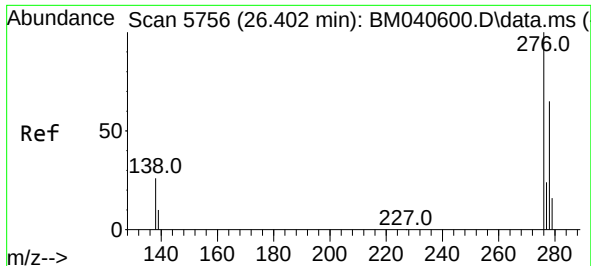
Tgt Ion:252 Resp: 98346
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.8
125 15.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.356 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

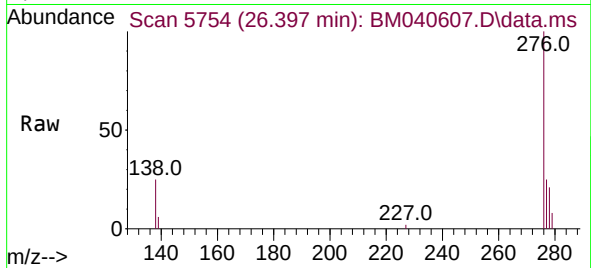
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Ion Ratio Lower Upper
252 100
253 25.2 22.9 34.3
125 16.7 21.0 31.4#



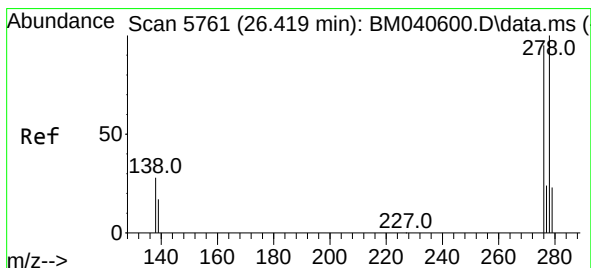
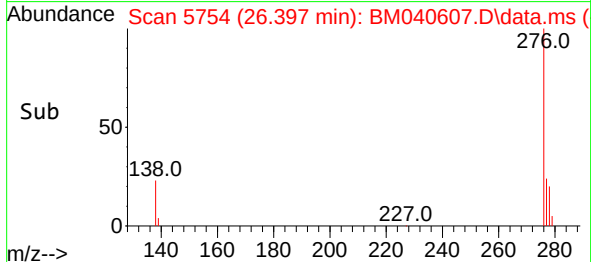
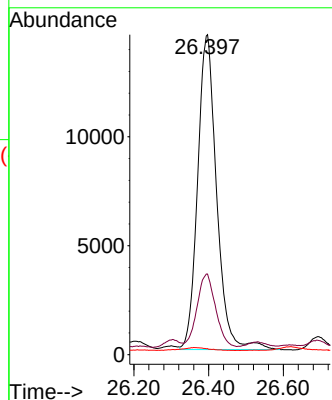


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.826 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

Instrument :
BNA_M
ClientSampleId :

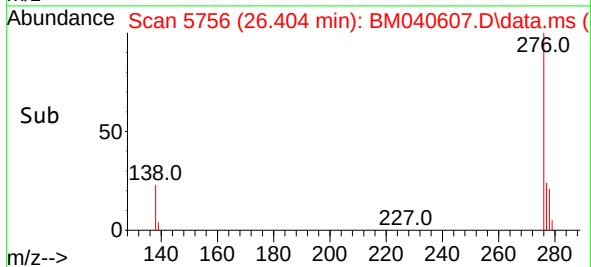
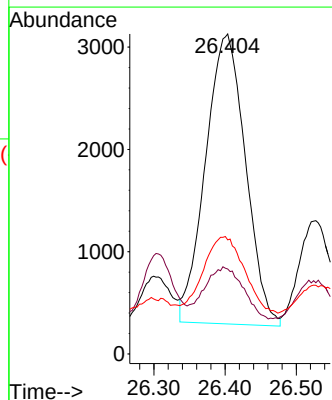
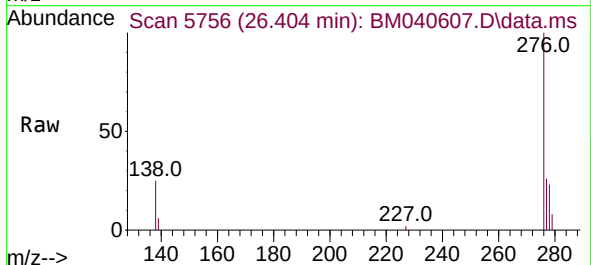


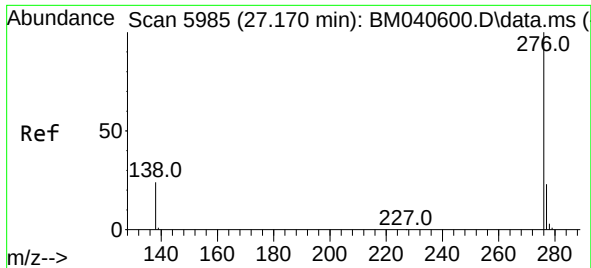
Tgt Ion:276 Resp: 51016
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.027 min
Lab File: BM040607.D
Acq: 04 Jul 2023 11:34

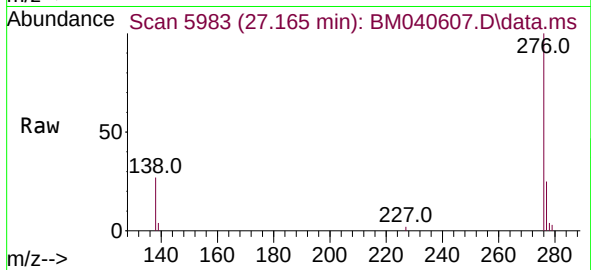
Tgt Ion:278 Resp: 11056
Ion Ratio Lower Upper
278 100
139 26.6 17.9 26.9
279 35.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.831 ng/ul
 RT: 27.165 min Scan# 5983
 Delta R.T. -0.017 min
 Lab File: BM040607.D
 Acq: 04 Jul 2023 11:34

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	44969
Ion Ratio	Lower	Upper	
276	100		
138	26.6	23.0	34.6
277	24.9	20.3	30.5

