

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040858.D
 Acq On : 13 Jul 2023 20:31
 Operator : MA/JU
 Sample : 03418-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 14 03:17:34 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 : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

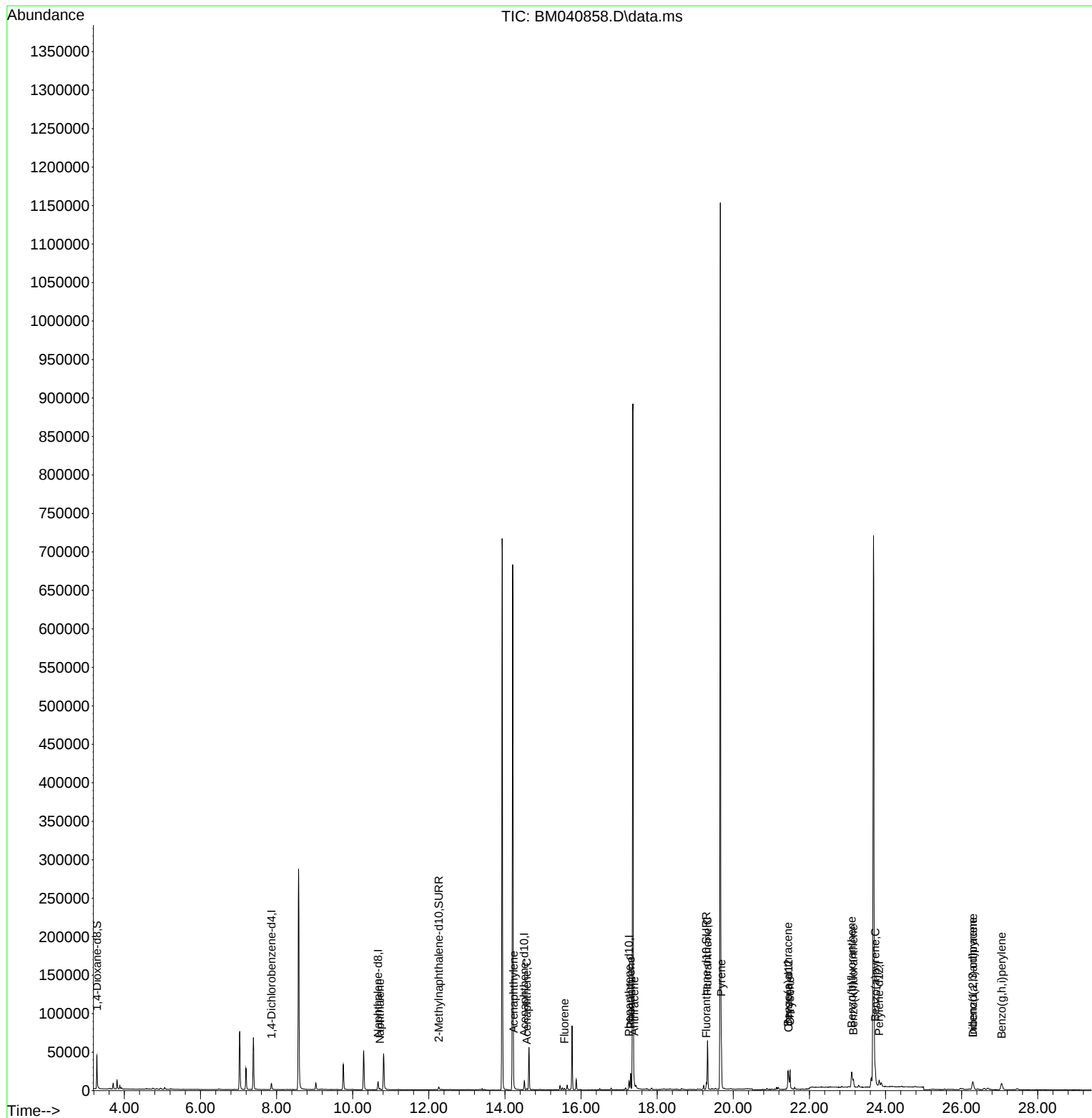
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	14103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	13903	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.454	240	9349	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	11734	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	24288	3.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	5423	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8972	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.718	128	2256	0.058	ng/ul#	87
10) Acenaphthylene	14.231	152	1837	0.065	ng/ul#	80
11) Acenaphthene	14.573	153	942	0.039	ng/ul	96
12) Fluorene	15.563	166	1158	0.045	ng/ul#	95
15) Phenanthrene	17.303	178	20819	0.482	ng/ul	99
16) Anthracene	17.396	178	3609	0.099	ng/ul#	92
19) Fluoranthene	19.324	202	51909	1.307	ng/ul	96
20) Pyrene	19.687	202	42440m	0.997	ng/ul	
21) Benzo(a)anthracene	21.436	228	20272	0.641	ng/ul	96
22) Chrysene	21.492	228	24973	0.692	ng/ul	96
24) Benzo(b)fluoranthene	23.111	252	33481	0.737	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	11895m	0.266	ng/ul	
26) Benzo(a)pyrene	23.728	252	22315	0.546	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.290	276	17711	0.311	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.297	278	4243	0.095	ng/ul#	69
29) Benzo(g,h,i)perylene	27.051	276	18658	0.374	ng/ul	98

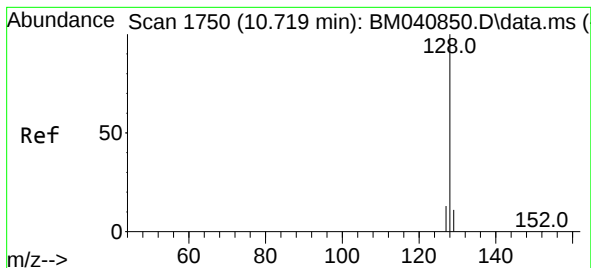
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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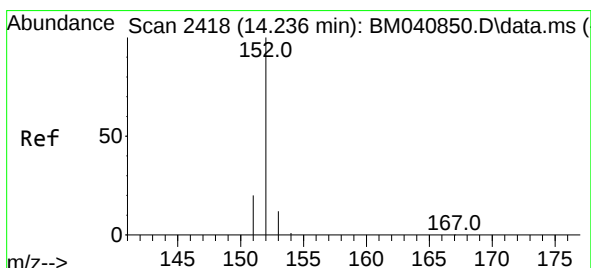
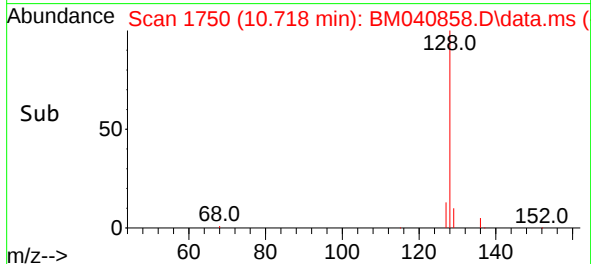
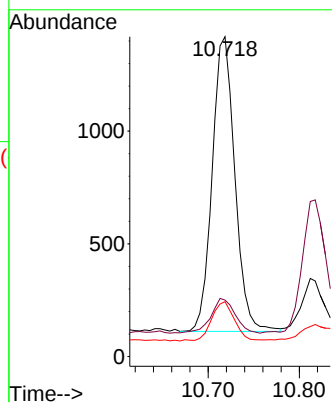
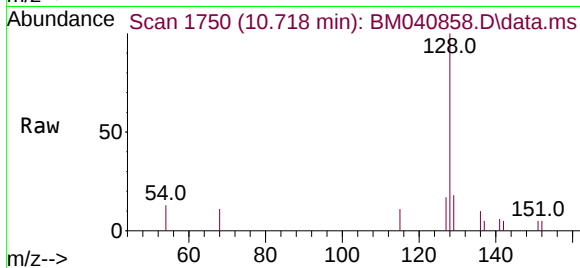




#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.718 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

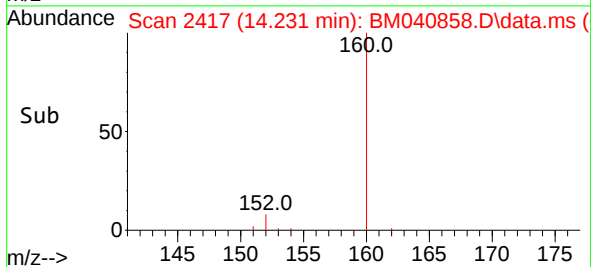
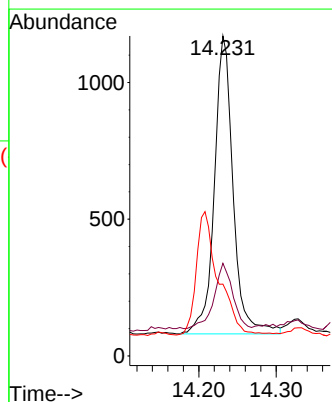
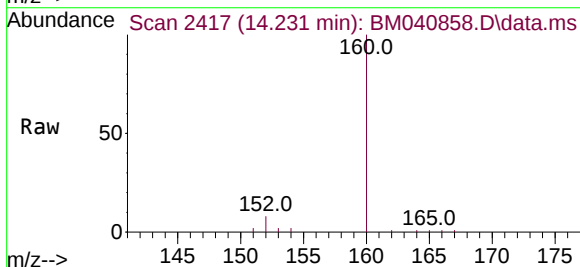
Instrument :
BNA_M
ClientSampleId :

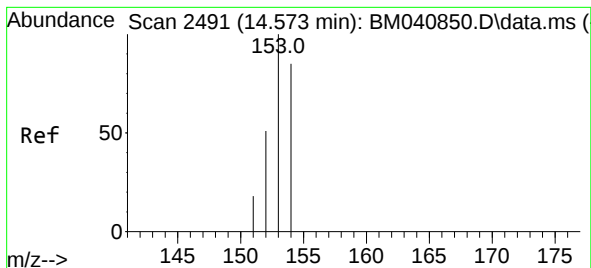
Tgt Ion:128 Resp: 2256
Ion Ratio Lower Upper
128 100
129 17.7 9.2 13.8#
127 17.2 10.6 15.8#



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:152 Resp: 1837
Ion Ratio Lower Upper
152 100
151 29.0 16.2 24.2#
153 22.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.573 min Scan# 2491

Delta R.T. -0.000 min

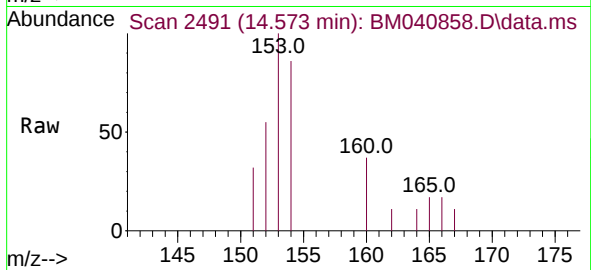
Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

Instrument :

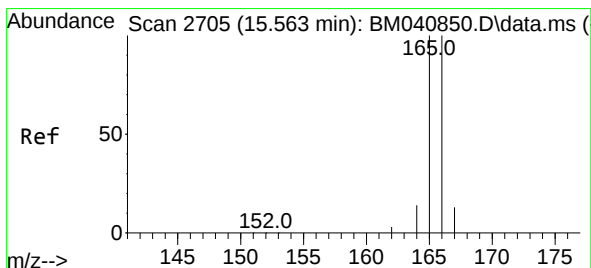
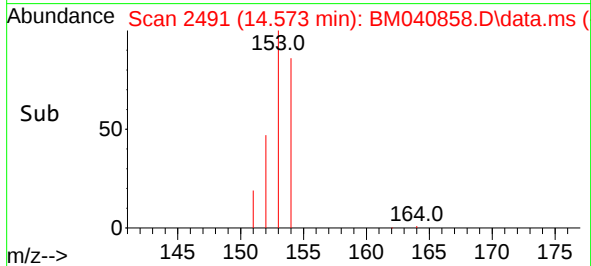
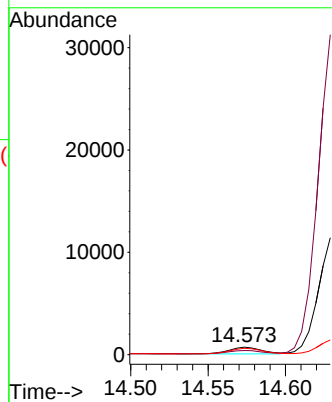
BNA_M

ClientSampleId :



Tgt Ion:153 Resp: 942

Ion	Ratio	Lower	Upper
153	100		
152	55.1	41.0	61.4
154	86.2	70.8	106.2



#12

Fluorene

Concen: 0.045 ng/ul

RT: 15.563 min Scan# 2705

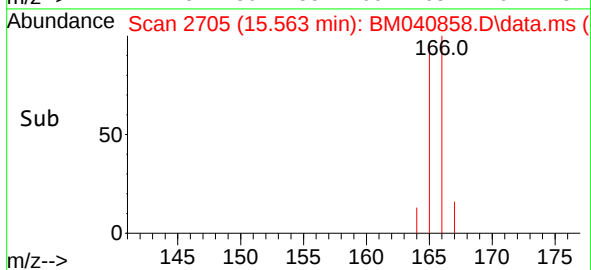
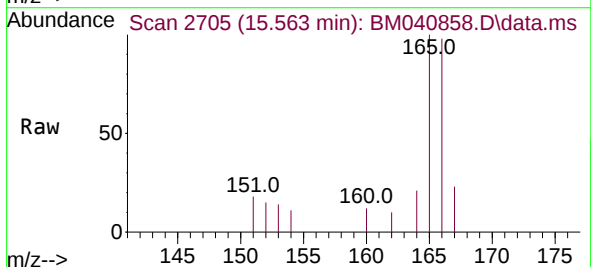
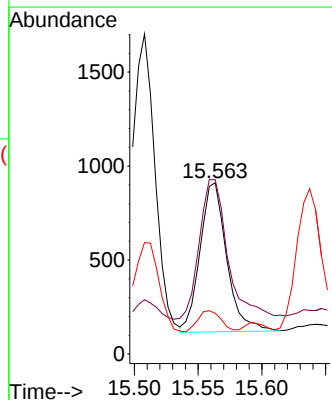
Delta R.T. -0.000 min

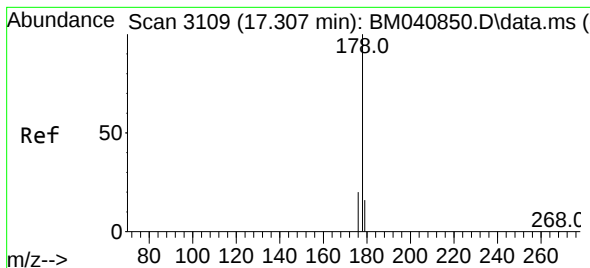
Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

Tgt Ion:166 Resp: 1158

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.6	119.4
167	23.7	11.4	17.0





#15

Phenanthrene

Concen: 0.482 ng/ul

RT: 17.303 min Scan# 3109

Delta R.T. -0.004 min

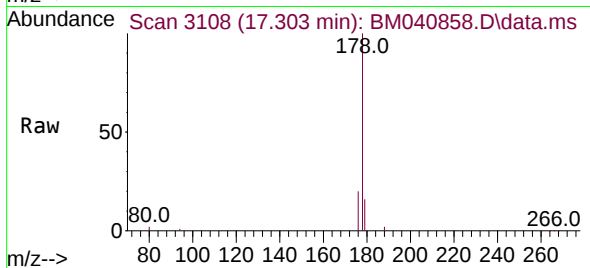
Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

Instrument :

BNA_M

ClientSampleId :



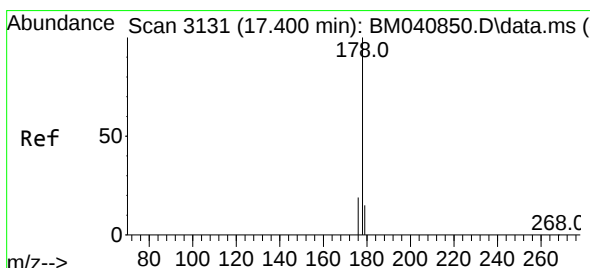
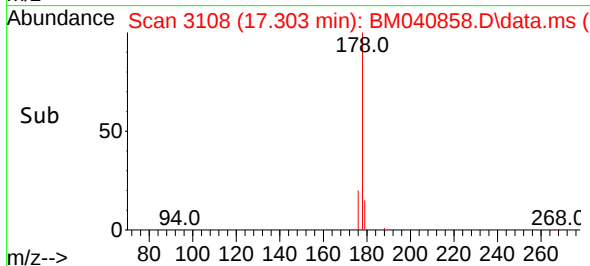
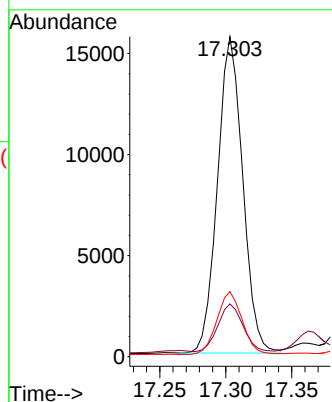
Tgt Ion:178 Resp: 20819

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

176 20.4 16.4 24.6



#16

Anthracene

Concen: 0.099 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

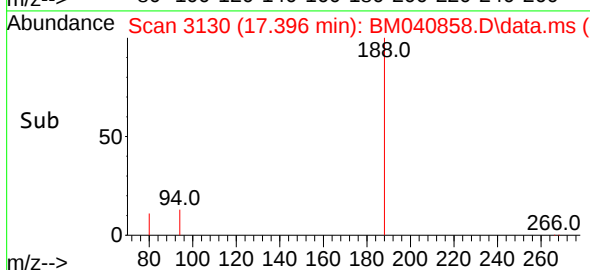
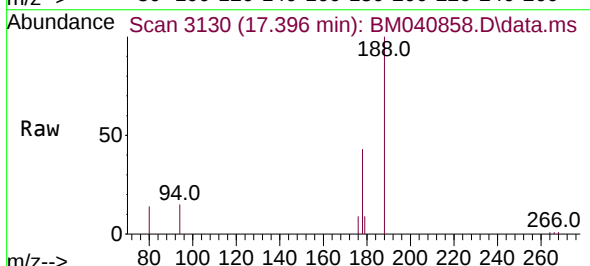
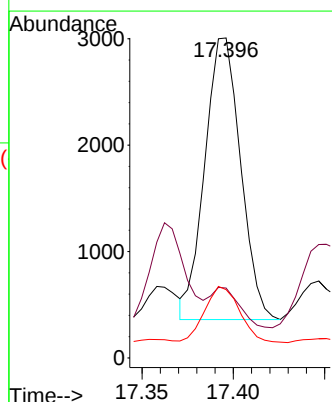
Tgt Ion:178 Resp: 3609

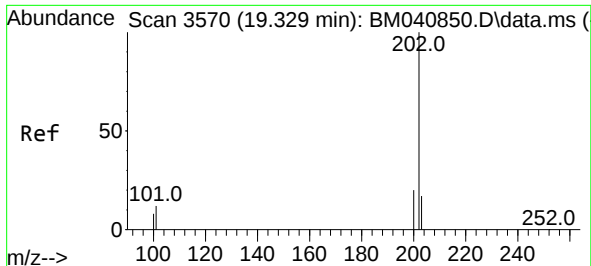
Ion Ratio Lower Upper

178 100

179 21.8 12.9 19.3#

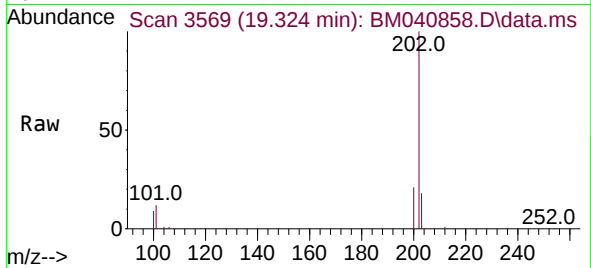
176 21.4 15.8 23.6



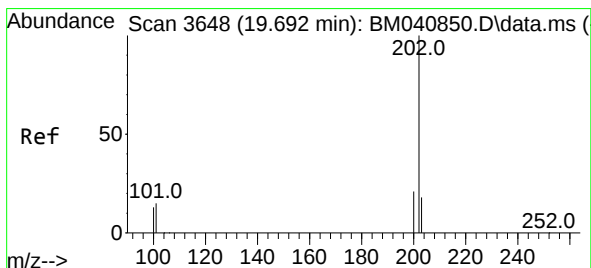
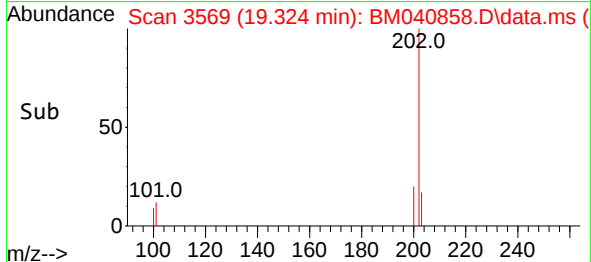
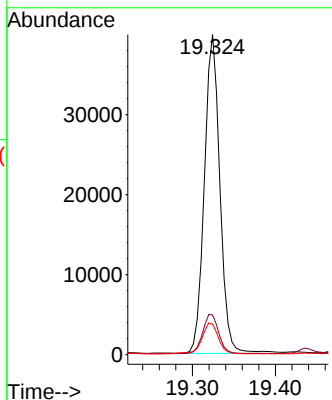


#19
Fluoranthene
Concen: 1.307 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

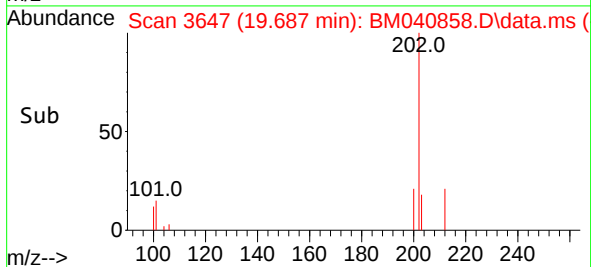
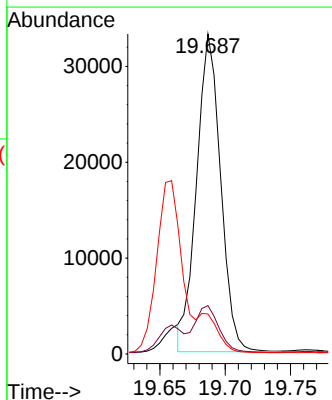
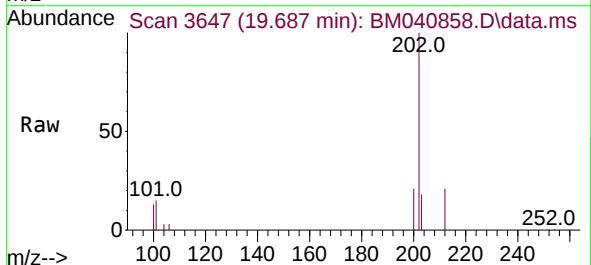


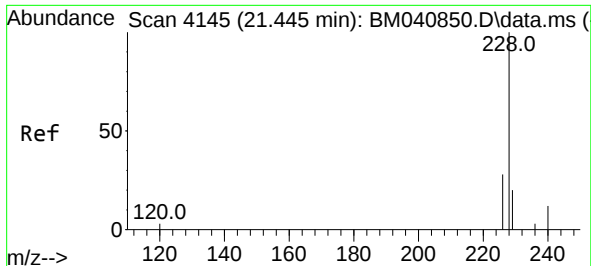
Tgt Ion:202 Resp: 51909
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.5 8.7 13.1



#20
Pyrene
Concen: 0.997 ng/ul m
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

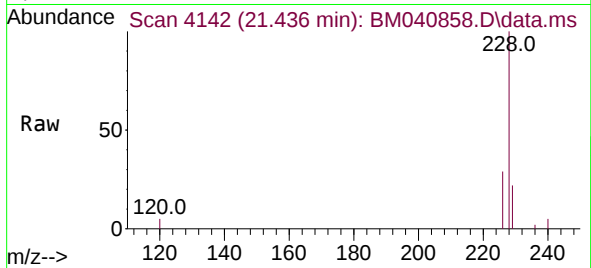
Tgt Ion:202 Resp: 42440
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.5 9.8 14.6



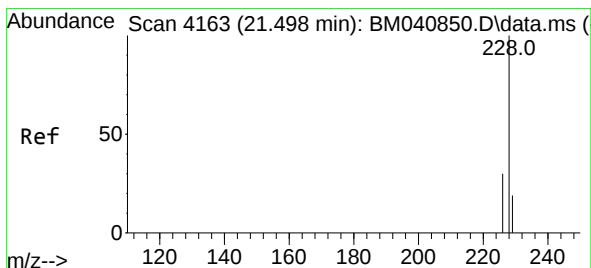
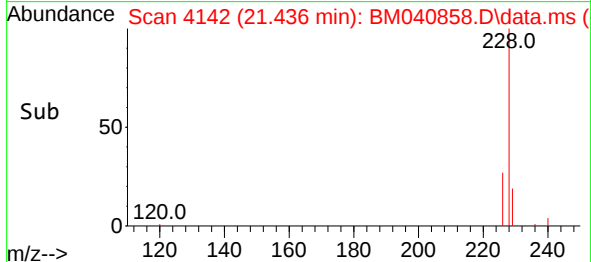
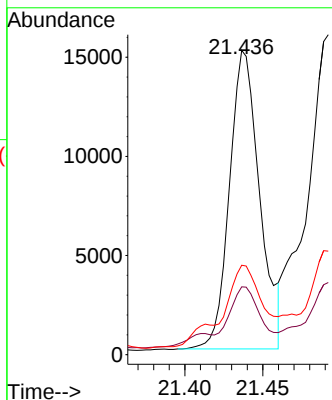


#21
Benzo(a)anthracene
Concen: 0.641 ng/ul
RT: 21.436 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

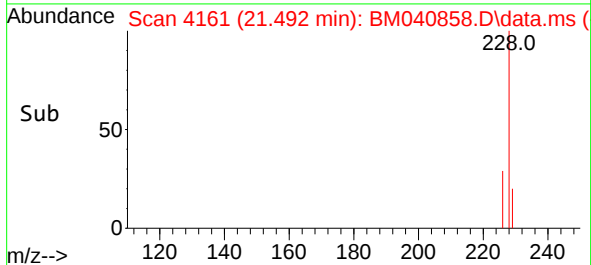
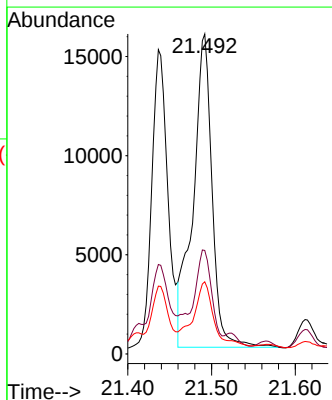
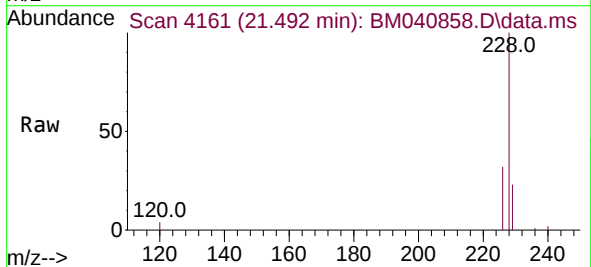


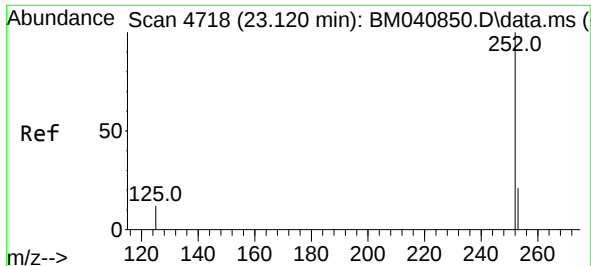
Tgt Ion:228 Resp: 20272
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 29.4 22.3 33.5



#22
Chrysene
Concen: 0.692 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

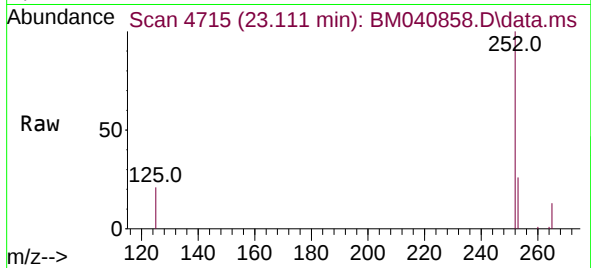
Tgt Ion:228 Resp: 24973
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 22.6 15.8 23.6



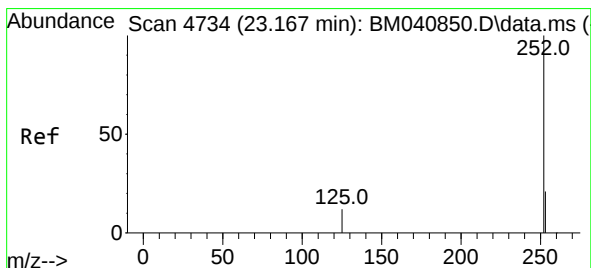
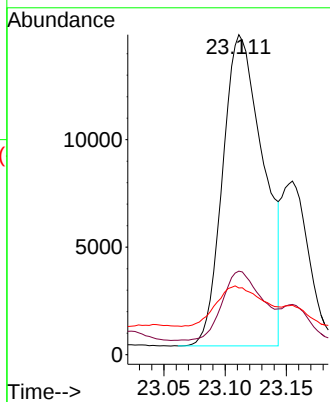
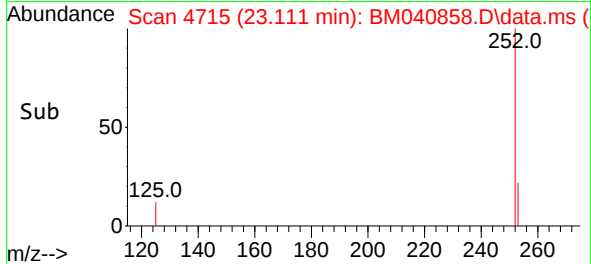


#24
Benzo(b)fluoranthene
Concen: 0.737 ng/ul
RT: 23.111 min Scan# 4715
Delta R.T. -0.009 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

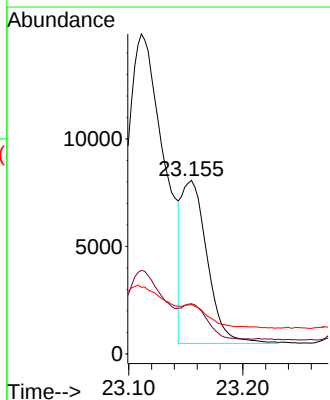
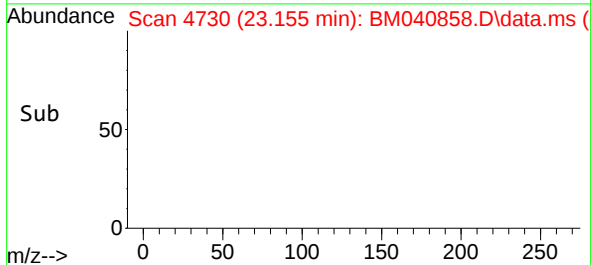
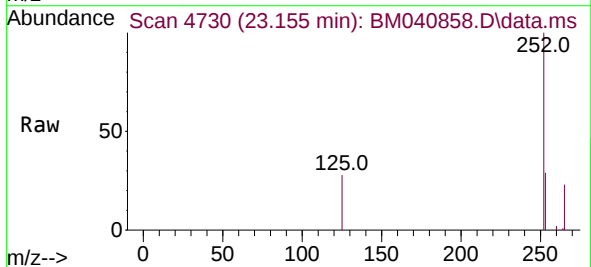


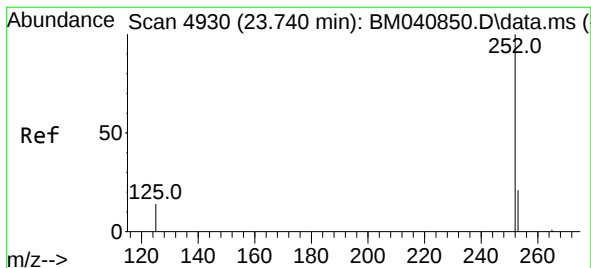
Tgt Ion:252 Resp: 33481
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 20.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 23.155 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

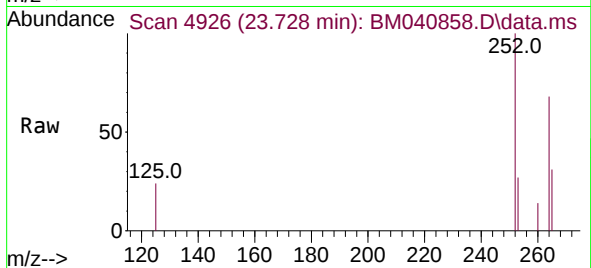
Tgt Ion:252 Resp: 11895
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 28.4 16.4 24.6#



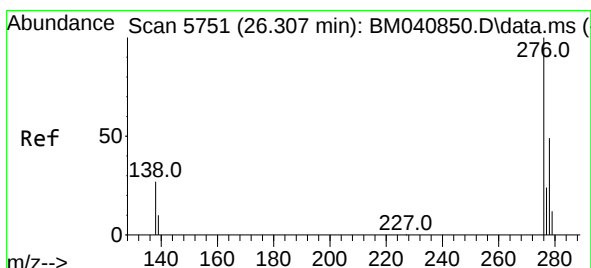
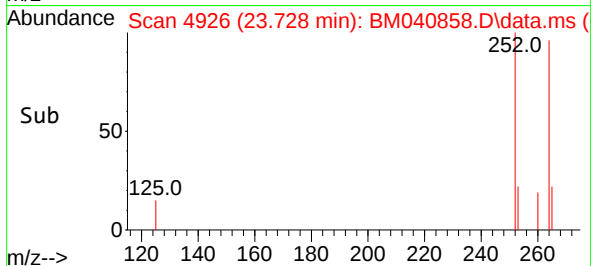
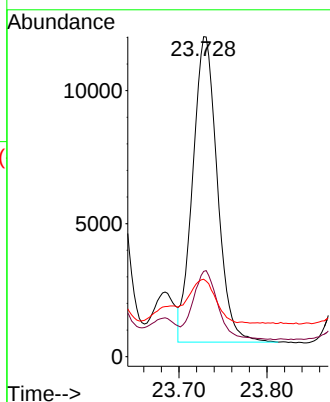


#26
Benzo(a)pyrene
Concen: 0.546 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. -0.012 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

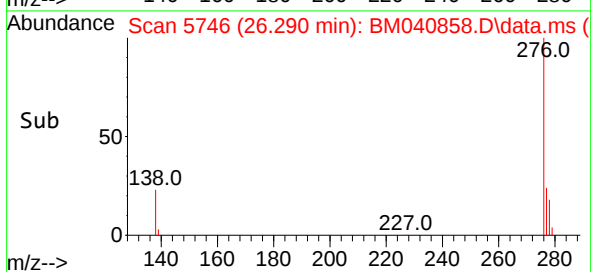
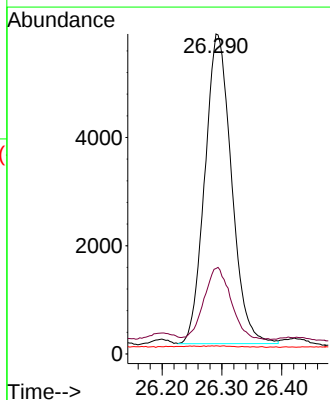
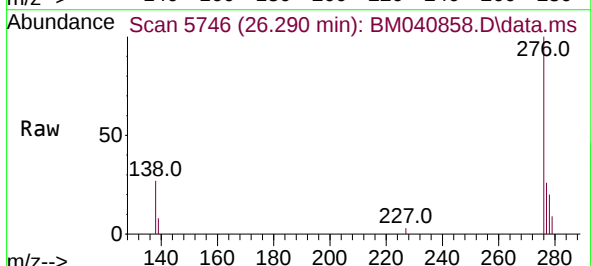


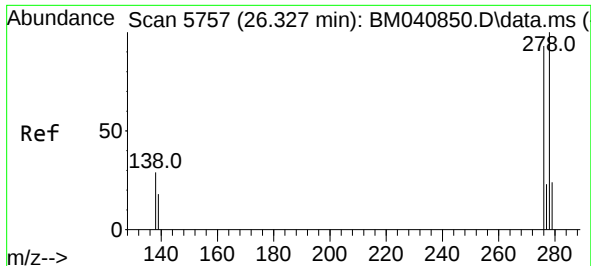
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.9	34.3
125	24.2	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.5	36.7#
227	0.0	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.095 ng/ul

RT: 26.297 min Scan# 5

Delta R.T. -0.030 min

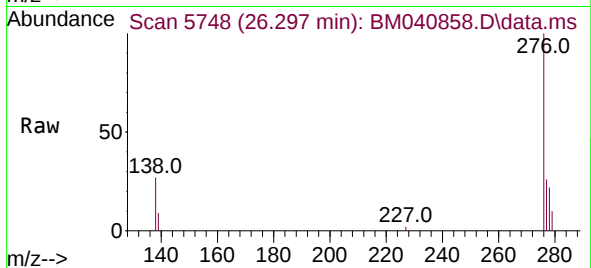
Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

Instrument :

BNA_M

ClientSampleId :



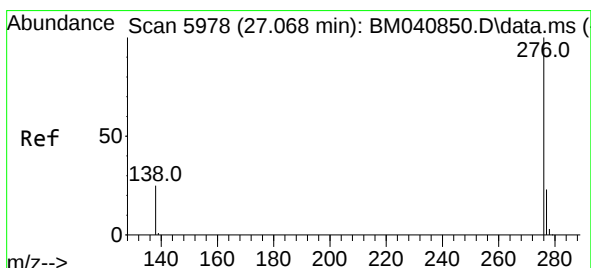
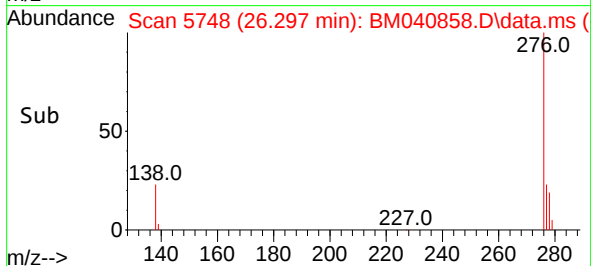
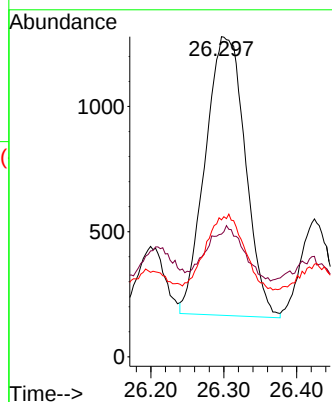
Tgt Ion:278 Resp: 4243

Ion Ratio Lower Upper

278 100

139 38.3 17.9 26.9#

279 42.8 22.0 33.0#



#29

Benzo(g,h,i)perylene

Concen: 0.374 ng/ul

RT: 27.051 min Scan# 5973

Delta R.T. -0.017 min

Lab File: BM040858.D

Acq: 13 Jul 2023 20:31

Tgt Ion:276 Resp: 18658

Ion Ratio Lower Upper

276 100

138 27.2 23.0 34.6

277 26.1 20.3 30.5

