

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041820.D
 Acq On : 12 Sep 2023 19:58
 Operator : MA/JU
 Sample : 04175-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:11:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

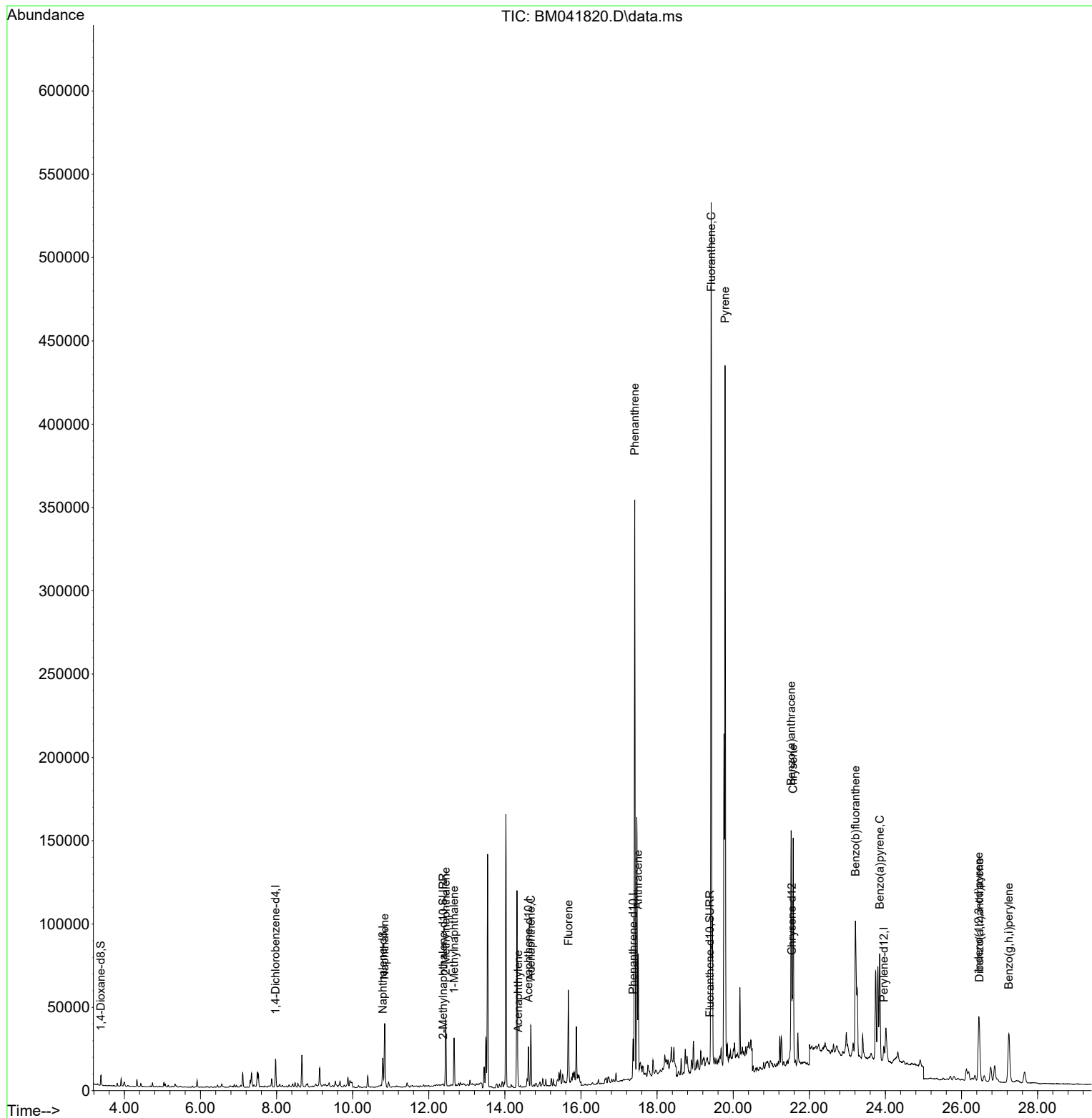
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	12527	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	26167	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	10305	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	10611	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3588	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	934	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1779	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	52243	0.713	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	26924	0.647	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	18668	0.447	ng/ul	99
10) Acenaphthylene	14.347	152	5126	0.066	ng/ul#	77
11) Acenaphthene	14.680	153	21180	0.352	ng/ul	98
12) Fluorene	15.670	166	35333	0.523	ng/ul	100
15) Phenanthrene	17.413	178	356616	3.228	ng/ul	99
16) Anthracene	17.502	178	76330	0.806	ng/ul	98
19) Fluoranthene	19.422	202	435647	3.582	ng/ul	98
20) Pyrene	19.789	202	343865	2.846	ng/ul	99
21) Benzo(a)anthracene	21.521	228	117345	1.396	ng/ul	97
22) Chrysene	21.577	228	134427	1.483	ng/ul#	95
24) Benzo(b)fluoranthene	23.214	252	138931	1.463	ng/ul	89
26) Benzo(a)pyrene	23.851	252	93143	1.207	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.455	276	67622	0.639	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.471	278	17303	0.233	ng/ul#	57
29) Benzo(g,h,i)perylene	27.243	276	63975	0.682	ng/ul	98

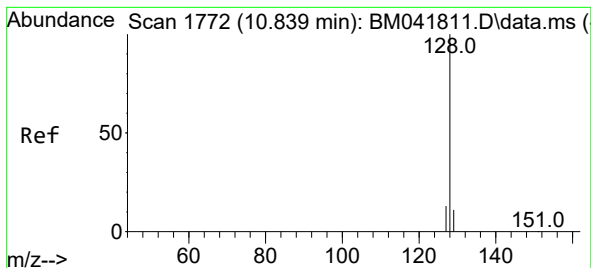
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 03:11:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
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#5

Naphthalene

Concen: 0.713 ng/ul

RT: 10.840 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM041820.D

Acq: 12 Sep 2023 19:58

Instrument :

BNA_P

ClientSampleId :

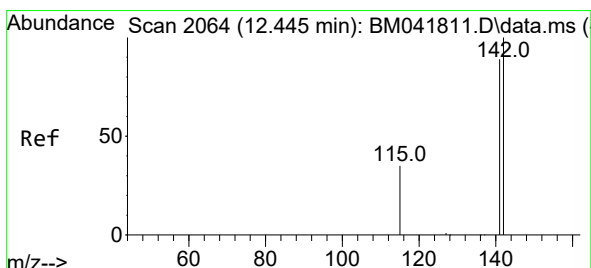
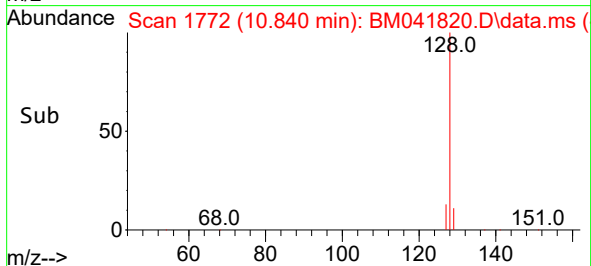
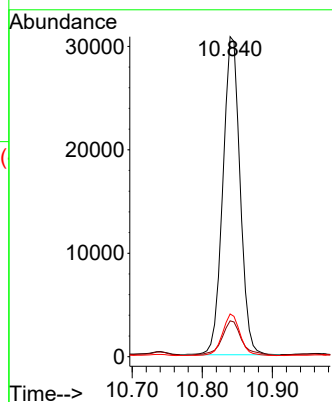
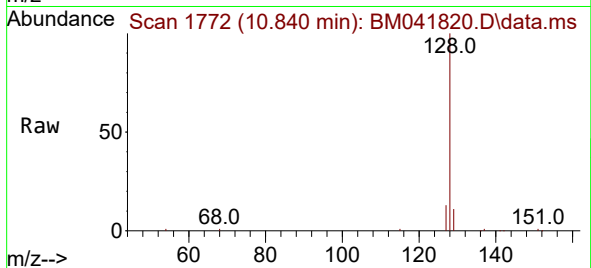
Tgt Ion:128 Resp: 52243

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

127 13.3 11.0 16.6



#7

2-Methylnaphthalene

Concen: 0.647 ng/ul

RT: 12.445 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BM041820.D

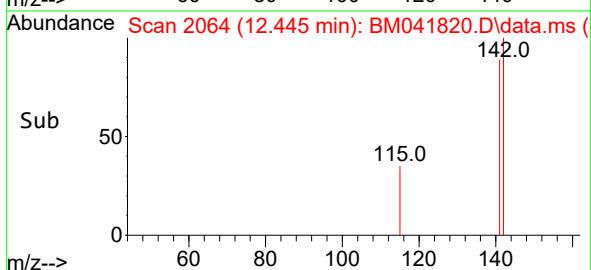
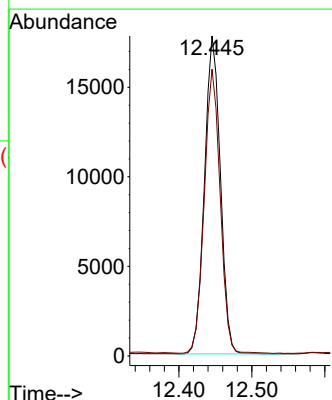
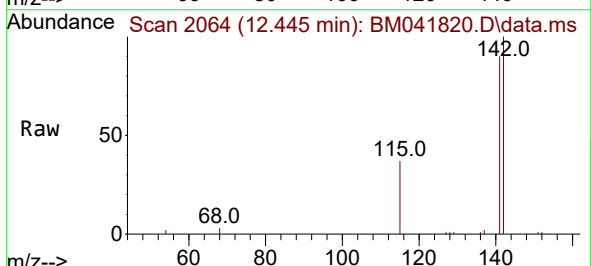
Acq: 12 Sep 2023 19:58

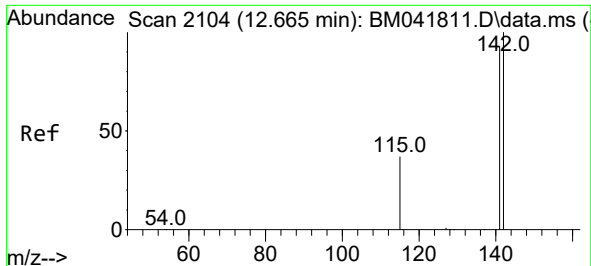
Tgt Ion:142 Resp: 26924

Ion Ratio Lower Upper

142 100

141 89.4 72.2 108.2

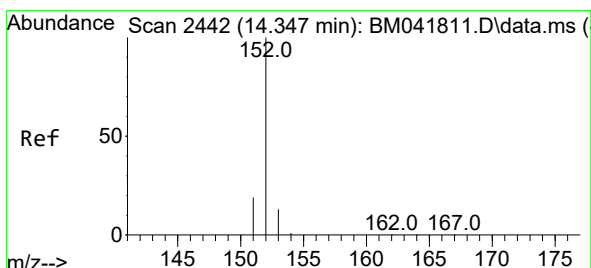
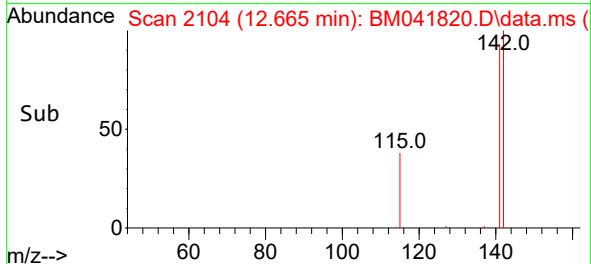
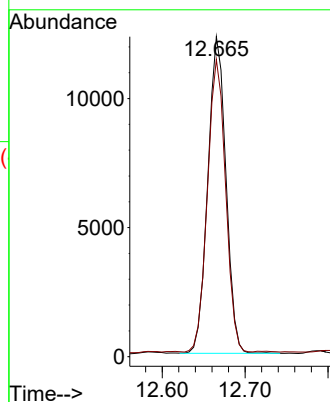
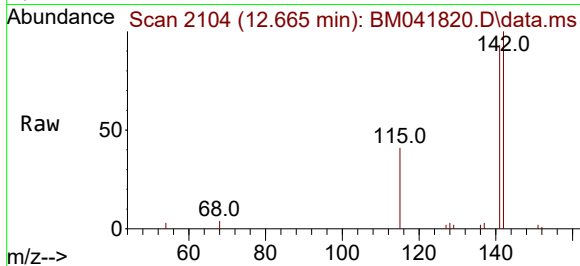




#8
1-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

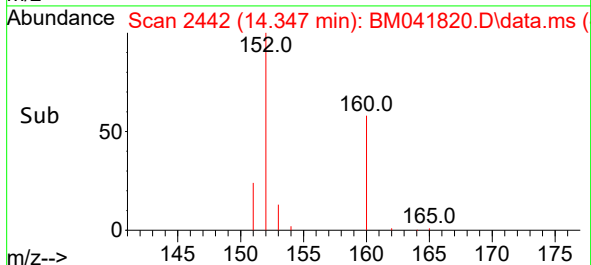
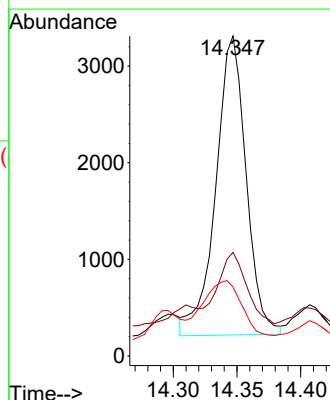
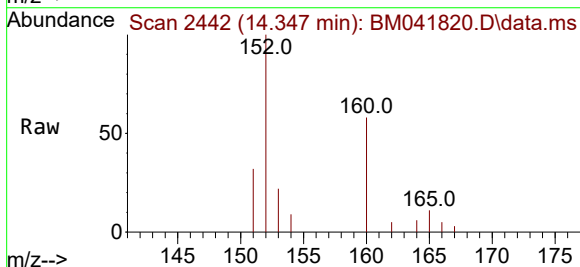
Instrument :
BNA_P
ClientSampleId :

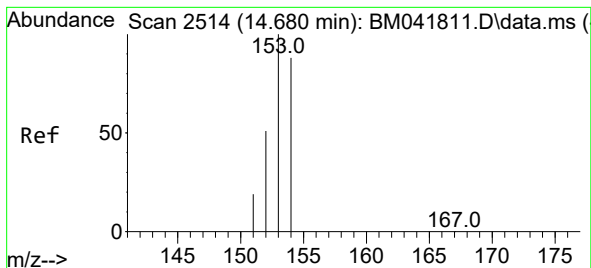
Tgt Ion:142 Resp: 18668
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

Tgt Ion:152 Resp: 5126
Ion Ratio Lower Upper
152 100
151 32.4 16.4 24.6#
153 21.6 11.1 16.7#





#11

Acenaphthene

Concen: 0.352 ng/ul

RT: 14.680 min Scan# 21180

Delta R.T. -0.005 min

Lab File: BM041820.D

Acq: 12 Sep 2023 19:58

Instrument :

BNA_P

ClientSampleId :

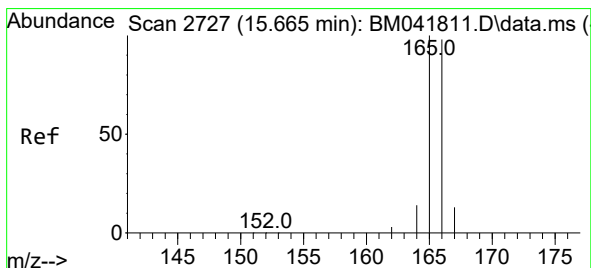
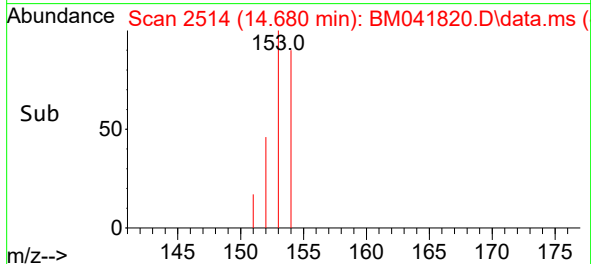
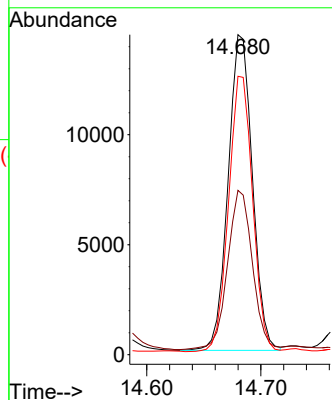
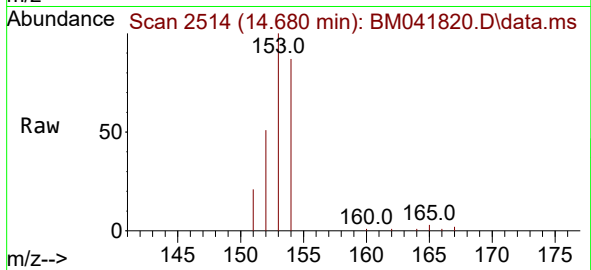
Tgt Ion:153 Resp: 21180

Ion Ratio Lower Upper

153 100

152 51.4 43.4 65.2

154 87.0 69.4 104.0



#12

Fluorene

Concen: 0.523 ng/ul

RT: 15.670 min Scan# 2728

Delta R.T. 0.000 min

Lab File: BM041820.D

Acq: 12 Sep 2023 19:58

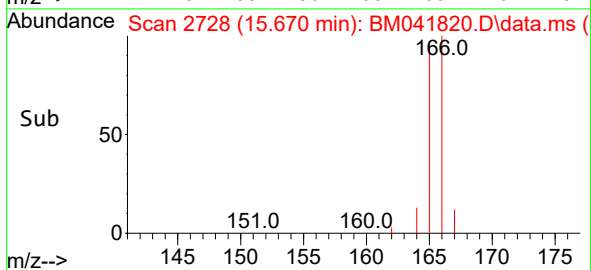
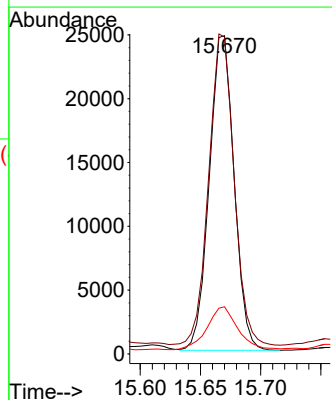
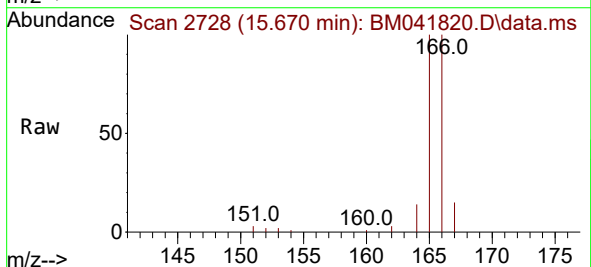
Tgt Ion:166 Resp: 35333

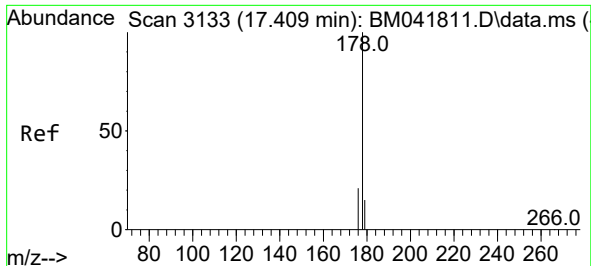
Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.2

167 14.8 11.3 16.9

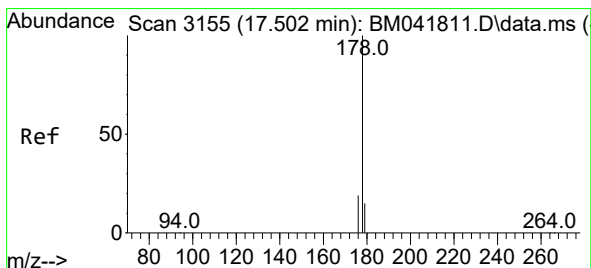
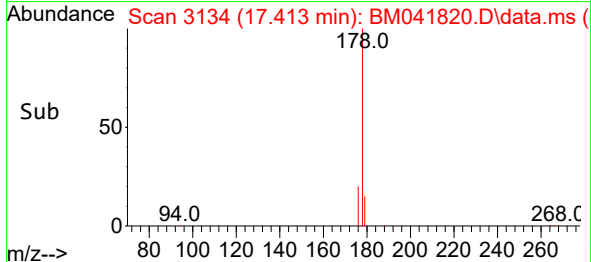
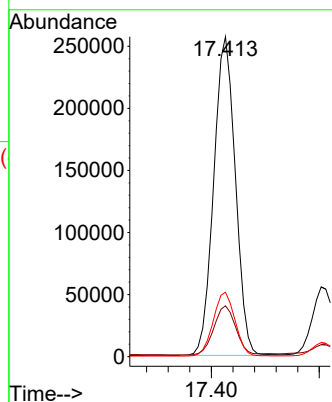
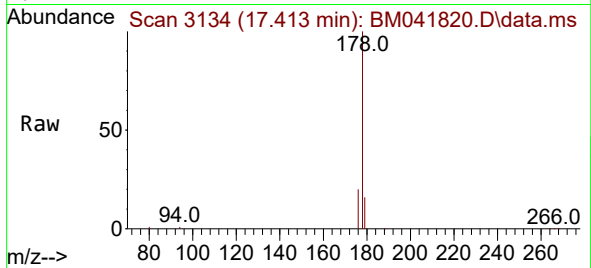




#15
Phenanthrene
Concen: 3.228 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

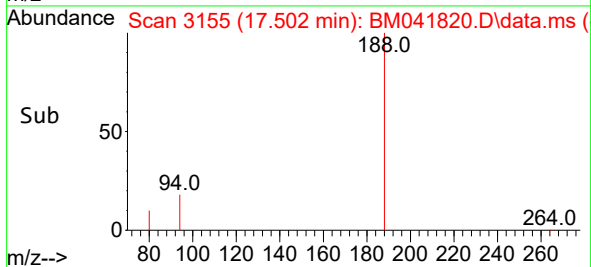
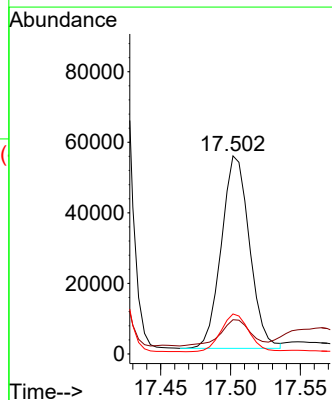
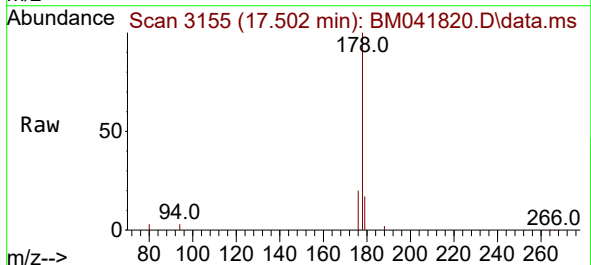
Instrument :
BNA_P
ClientSampleId :

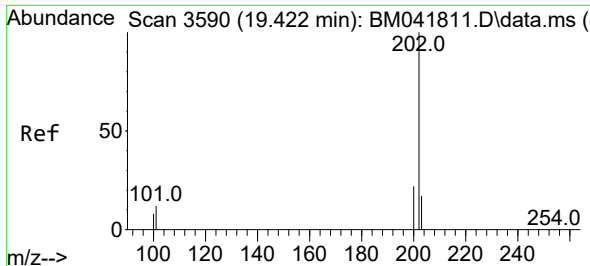
Tgt Ion:178 Resp: 356616
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.2 16.9 25.3



#16
Anthracene
Concen: 0.806 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

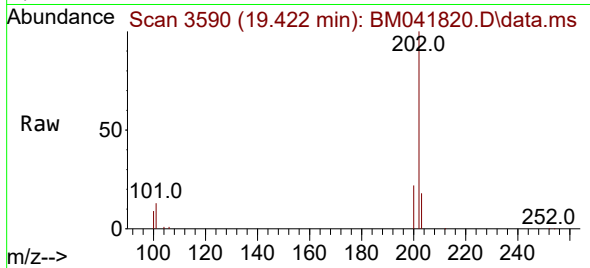
Tgt Ion:178 Resp: 76330
Ion Ratio Lower Upper
178 100
179 17.3 12.9 19.3
176 20.2 15.8 23.8



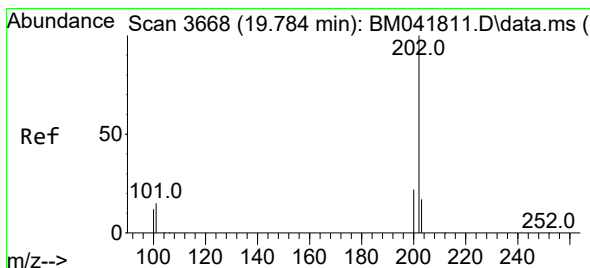
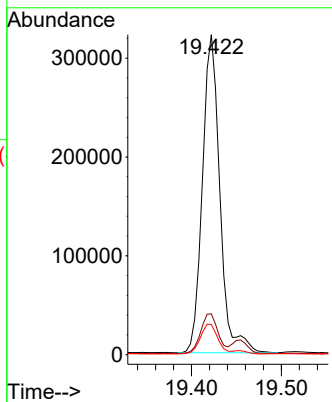
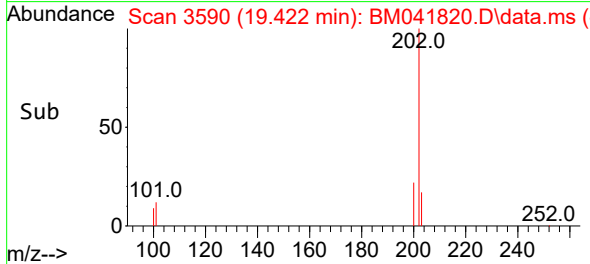


#19
Fluoranthene
Concen: 3.582 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

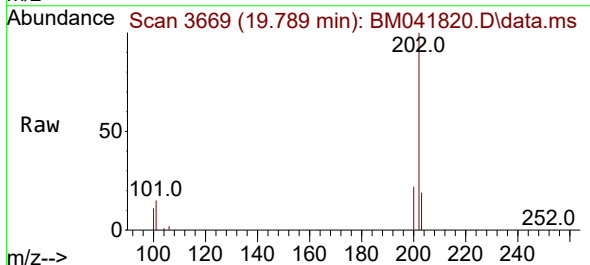
Instrument :
BNA_P
ClientSampleId :



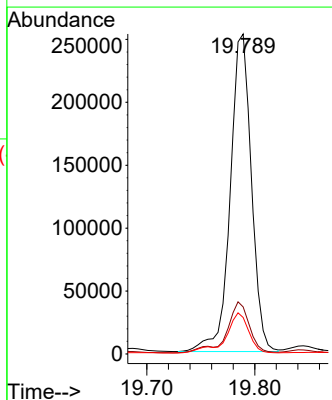
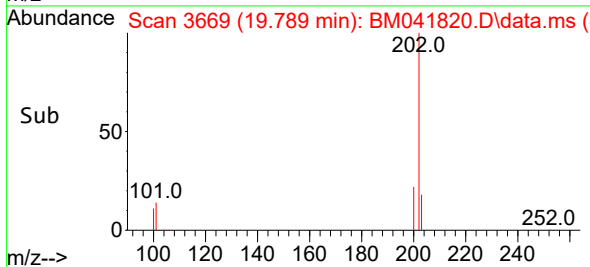
Tgt Ion:202 Resp: 435647
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 9.4 8.4 12.6

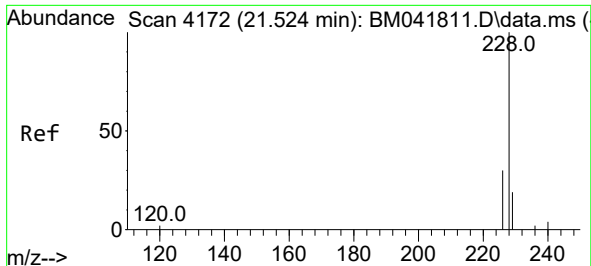


#20
Pyrene
Concen: 2.846 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58



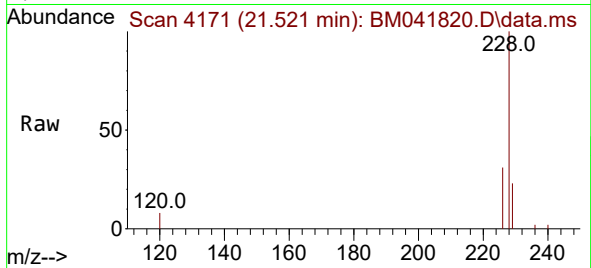
Tgt Ion:202 Resp: 343865
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.8
100 11.4 9.8 14.6



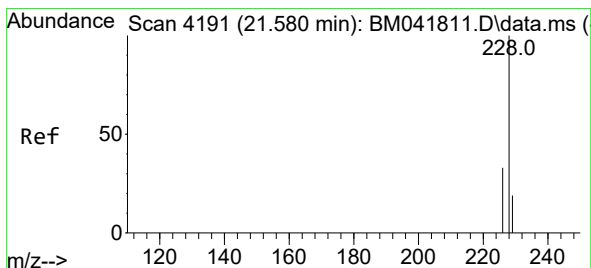
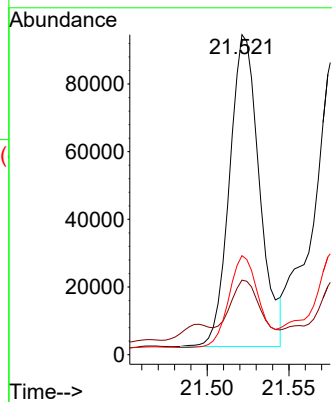
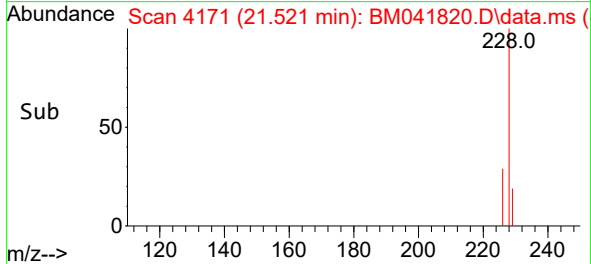


#21
Benzo(a)anthracene
Concen: 1.396 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

Instrument :
BNA_P
ClientSampleId :

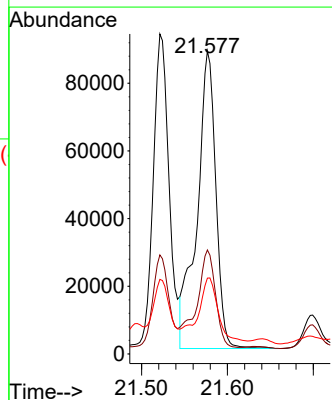
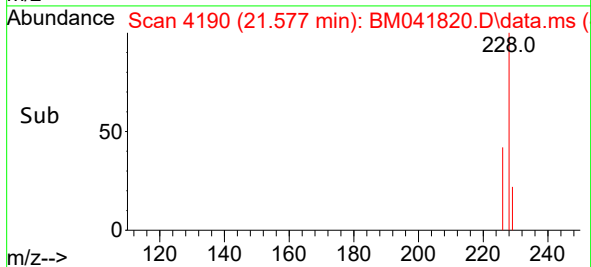
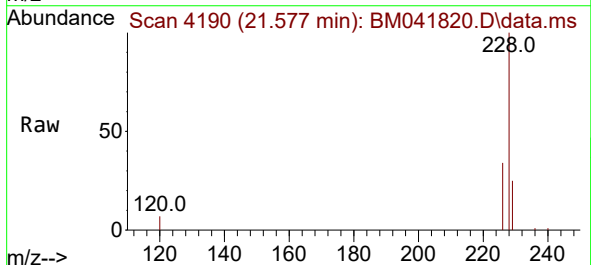


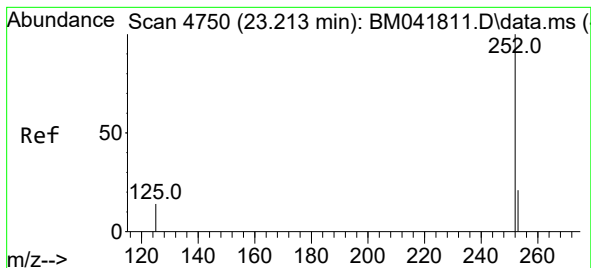
Tgt Ion:228 Resp: 117345
Ion Ratio Lower Upper
228 100
229 23.3 15.8 23.6
226 30.9 24.8 37.2



#22
Chrysene
Concen: 1.483 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM041820.D
Acq: 12 Sep 2023 19:58

Tgt Ion:228 Resp: 134427
Ion Ratio Lower Upper
228 100
226 34.3 27.0 40.6
229 25.1 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 1.463 ng/ul

RT: 23.214 min Scan# 4750

Delta R.T. -0.003 min

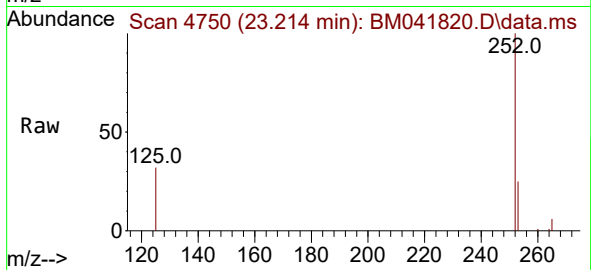
Lab File: BM041820.D

Acq: 12 Sep 2023 19:58

Instrument :

BNA_P

ClientSampleId :



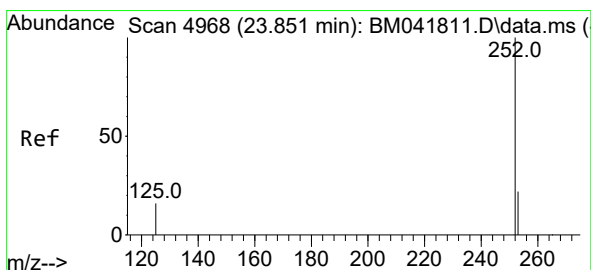
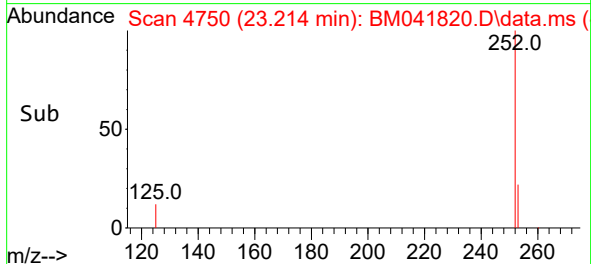
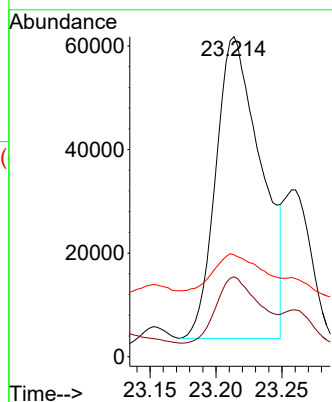
Tgt Ion:252 Resp: 138931

Ion Ratio Lower Upper

252 100

253 24.9 0.0 52.4

125 31.9 0.0 42.8



#26

Benzo(a)pyrene

Concen: 1.207 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.003 min

Lab File: BM041820.D

Acq: 12 Sep 2023 19:58

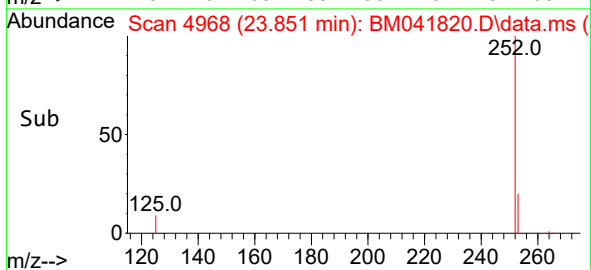
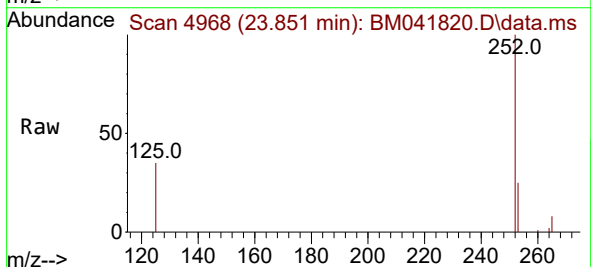
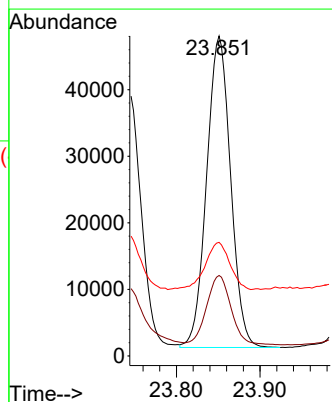
Tgt Ion:252 Resp: 93143

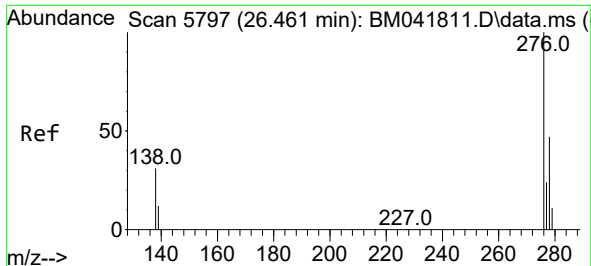
Ion Ratio Lower Upper

252 100

253 25.1 22.4 33.6

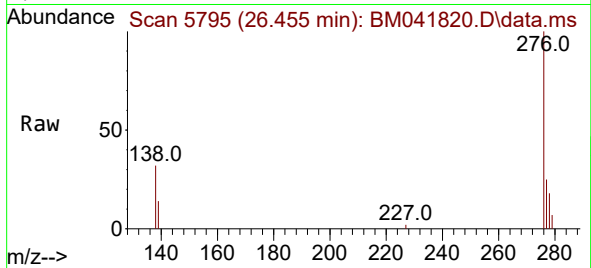
125 35.5 21.0 31.4#



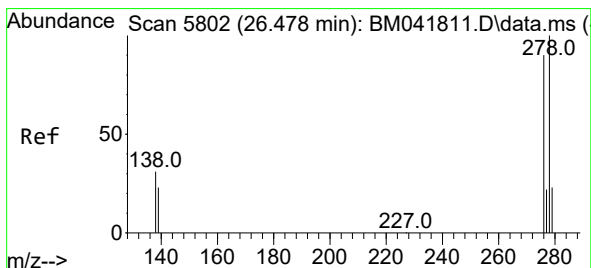
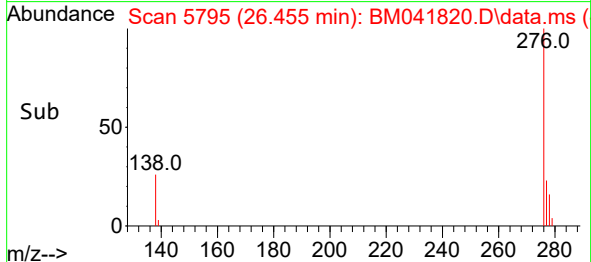
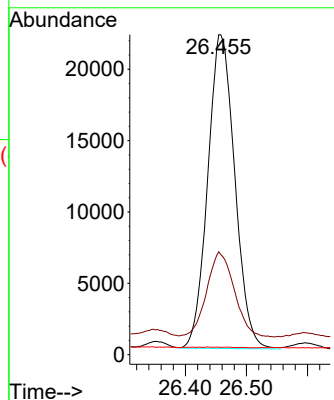


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.639 ng/ul
 RT: 26.455 min Scan# 5795
 Delta R.T. -0.013 min
 Lab File: BM041820.D
 Acq: 12 Sep 2023 19:58

Instrument :
 BNA_P
 ClientSampleId :

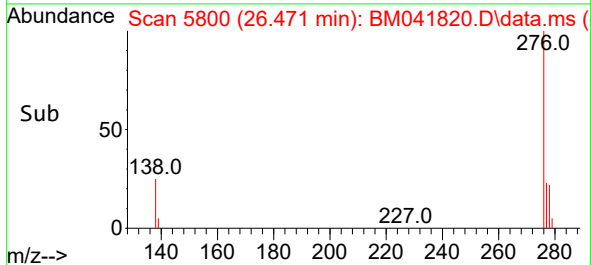
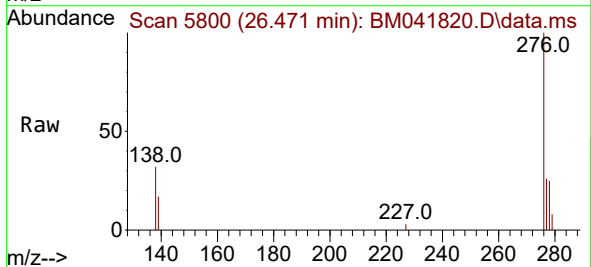
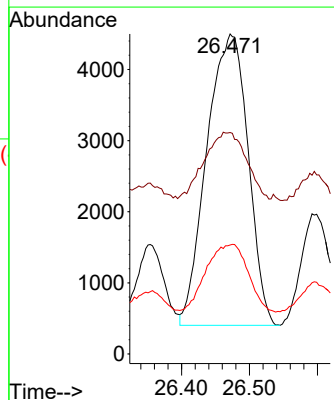


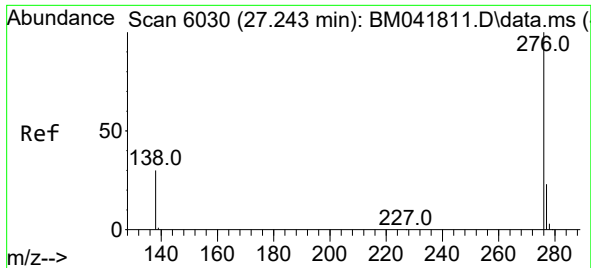
Tgt Ion:276 Resp: 67622
 Ion Ratio Lower Upper
 276 100
 138 27.8 26.4 39.6
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.233 ng/ul
 RT: 26.471 min Scan# 5800
 Delta R.T. -0.013 min
 Lab File: BM041820.D
 Acq: 12 Sep 2023 19:58

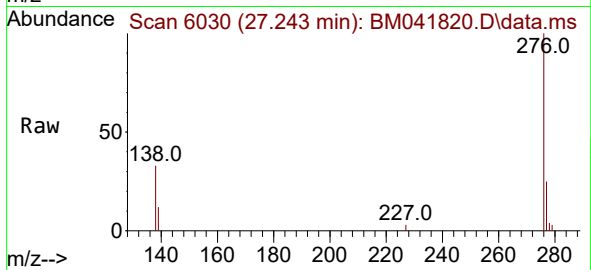
Tgt Ion:278 Resp: 17303
 Ion Ratio Lower Upper
 278 100
 139 69.2 23.0 34.6#
 279 34.1 22.9 34.3





#29
 Benzo(g,h,i)perylene
 Concen: 0.682 ng/ul
 RT: 27.243 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BM041820.D
 Acq: 12 Sep 2023 19:58

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	63975
Ion Ratio	Lower	Upper	
276	100		
138	33.5	25.0	37.4
277	25.2	20.2	30.2

