

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040408.D
 Acq On : 26 Jun 2023 19:11
 Operator : MA/JU
 Sample : 03084-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFL8

Quant Time: Jun 27 04:26:59 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 Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

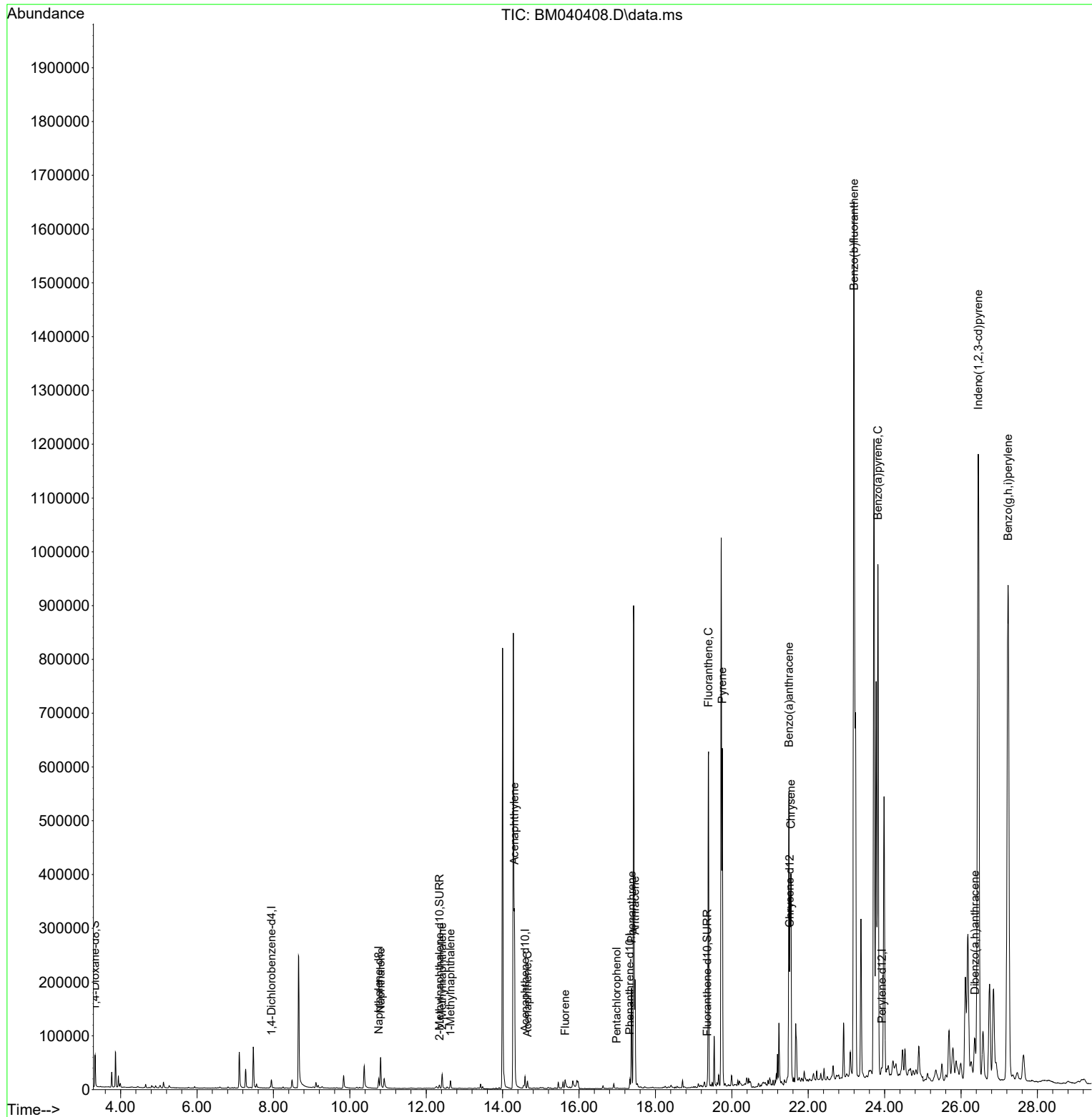
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	26118	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.586	164	11967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	19835	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13179	0.400	ng/ul #	0.00
23) Perylene-d12	23.932	264	22896	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	34317	2.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	8869	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	11149	0.264	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	83235	1.155	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	19901	0.470	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	10307	0.244	ng/ul	97
10) Acenaphthylene	14.309	152	367803	6.880	ng/ul	99
11) Acenaphthene	14.651	153	8235	0.182	ng/ul	97
12) Fluorene	15.637	166	13289	0.276	ng/ul#	97
14) Pentachlorophenol	16.986	266	159	0.042	ng/ul	96
15) Phenanthrene	17.375	178	197538	3.206	ng/ul	98
16) Anthracene	17.463	178	203615	3.933	ng/ul	99
19) Fluoranthene	19.389	202	524436	9.368	ng/ul#	94
20) Pyrene	19.751	202	497222	8.285	ng/ul	97
21) Benzo(a)anthracene	21.494	228	442501	9.926	ng/ul	94
22) Chrysene	21.547	228	280351	5.513	ng/ul	98
24) Benzo(b)fluoranthene	23.198	252	2754578	31.087	ng/ul	87
26) Benzo(a)pyrene	23.824	252	1318062	16.514	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.451	276	2068918	18.612	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.363	278	86927	0.999	ng/ul	93
29) Benzo(g,h,i)perylene	27.232	276	2176547	22.340	ng/ul#	93

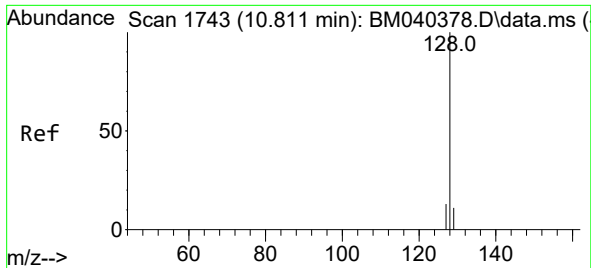
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040408.D
Acq On : 26 Jun 2023 19:11
Operator : MA/JU
Sample : 03084-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFL8

Quant Time: Jun 27 04:26:59 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 Jun 23 00:44:24 2023
Response via : Initial Calibration

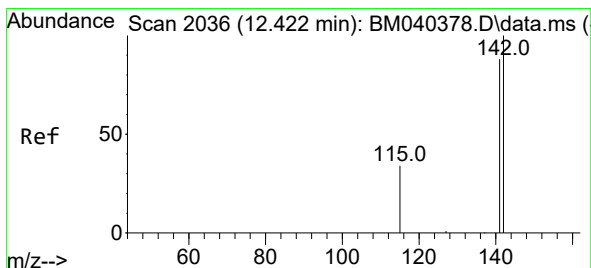
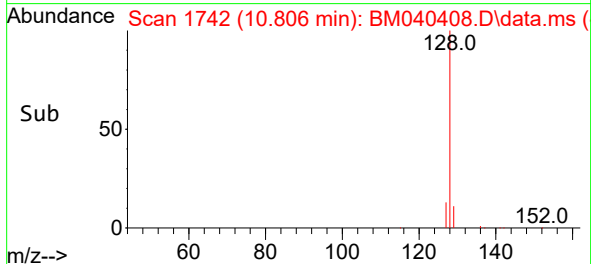
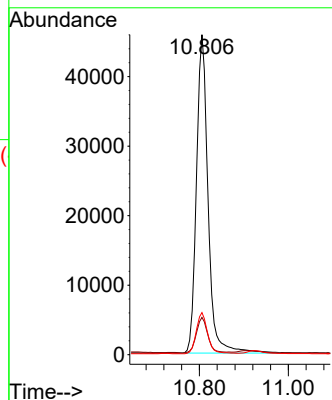
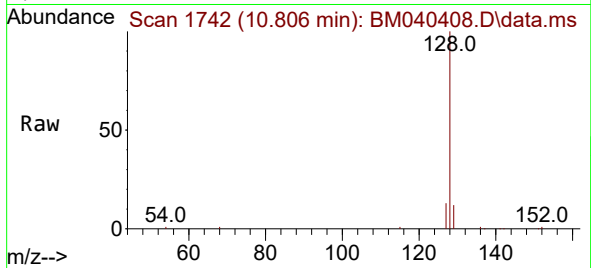




#5
Naphthalene
Concen: 1.155 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

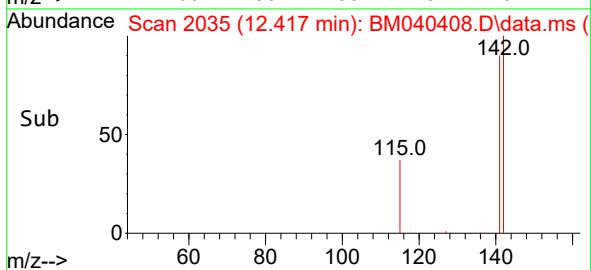
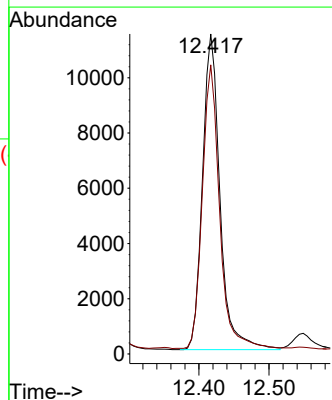
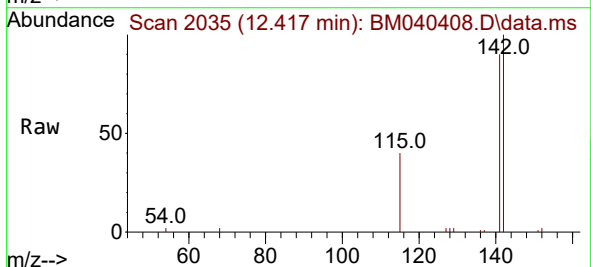
Instrument :
BNA_M
ClientSampleId :
DCFL8

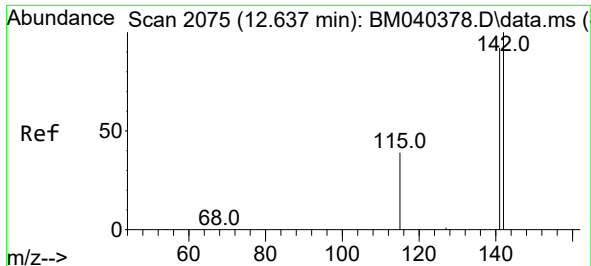
Tgt Ion:128 Resp: 83235
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:142 Resp: 19901
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

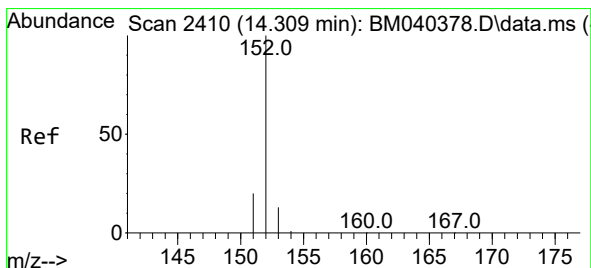
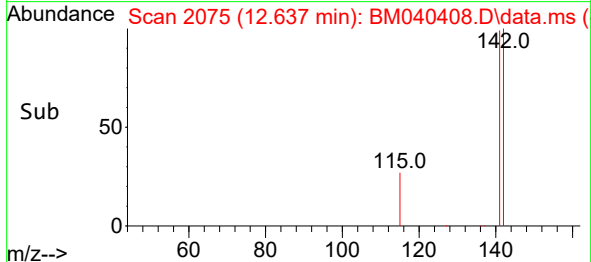
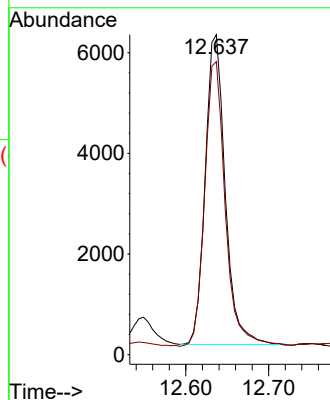
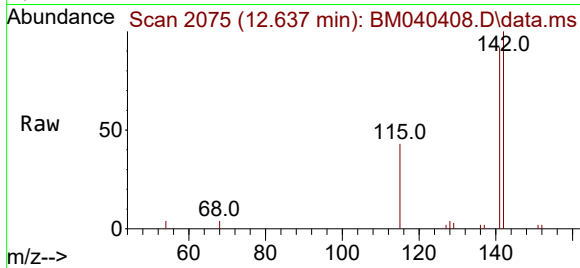




#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

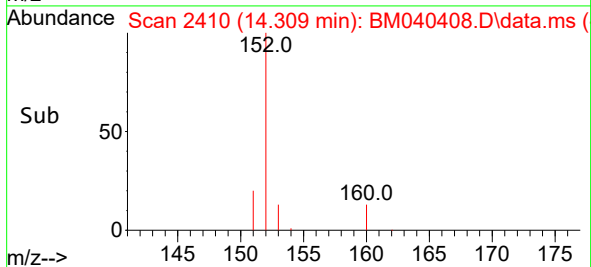
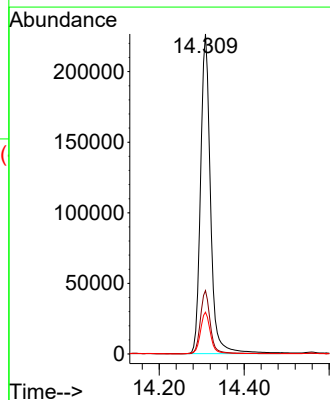
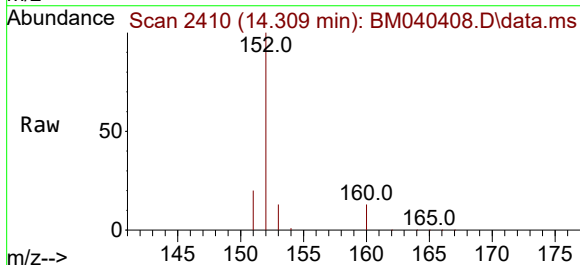
Instrument :
BNA_M
ClientSampleId :
DCFL8

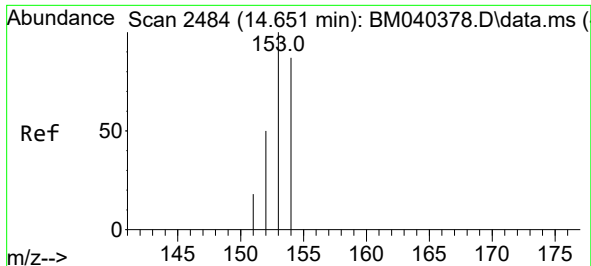
Tgt Ion:142 Resp: 10307
Ion Ratio Lower Upper
142 100
141 94.8 73.7 110.5



#10
Acenaphthylene
Concen: 6.880 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:152 Resp: 367803
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.9 16.3

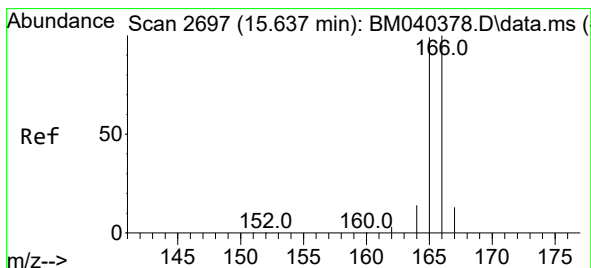
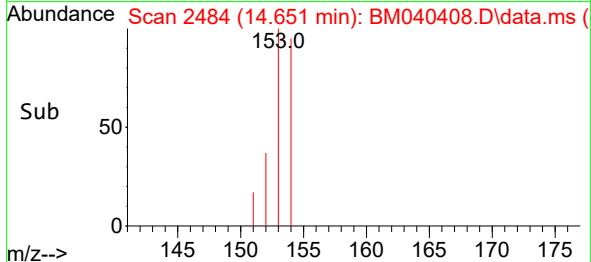
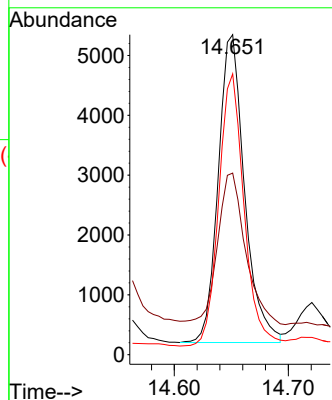
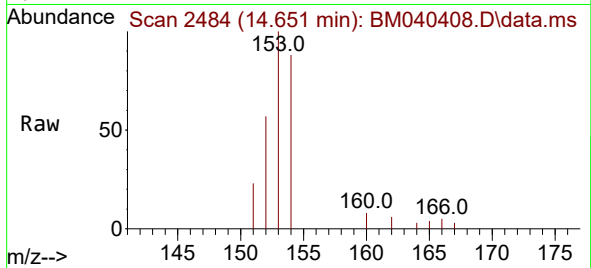




#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

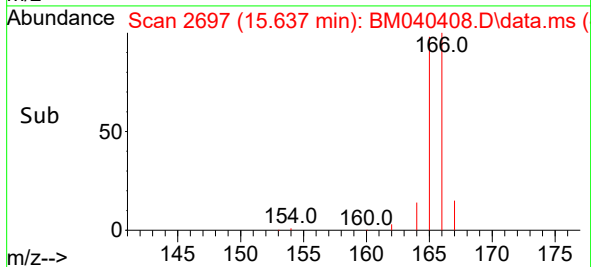
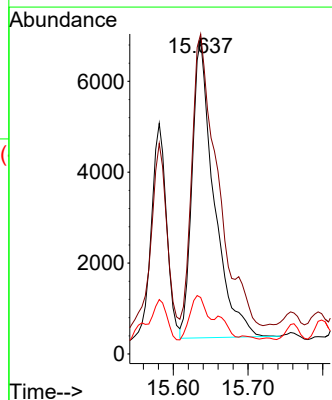
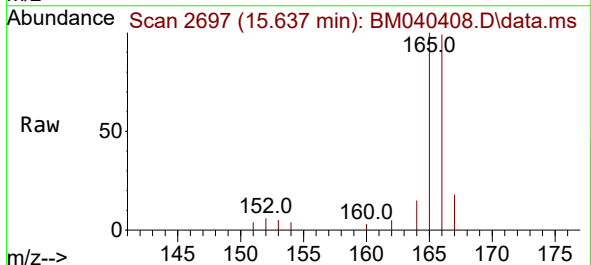
Instrument :
BNA_M
ClientSampleId :
DCFL8

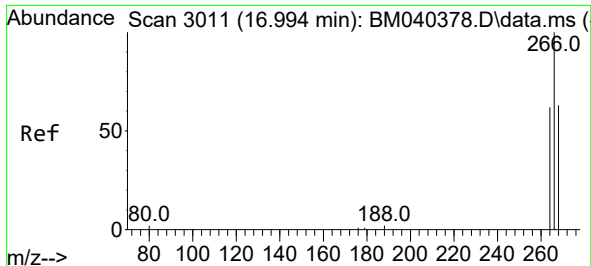
Tgt Ion:153 Resp: 8235
Ion Ratio Lower Upper
153 100
152 56.8 41.0 61.4
154 87.8 70.8 106.2



#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:166 Resp: 13289
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 17.9 11.4 17.0#

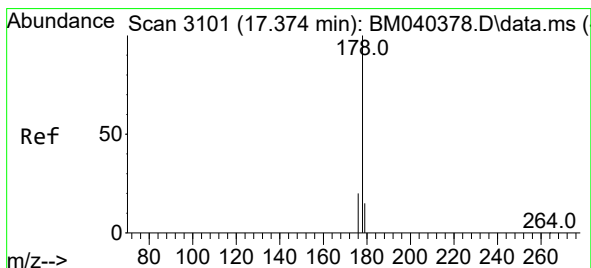
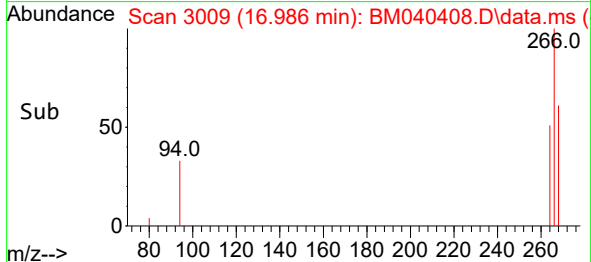
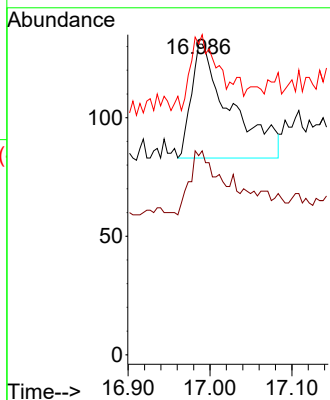
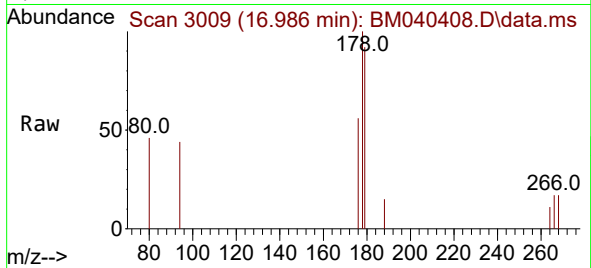




#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.986 min Scan# 3011
Delta R.T. -0.025 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

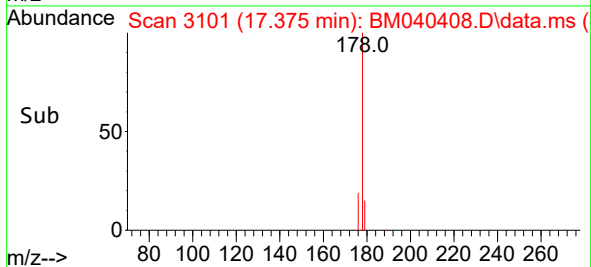
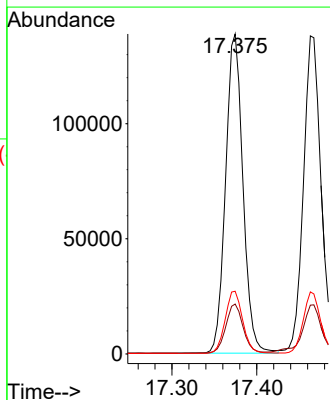
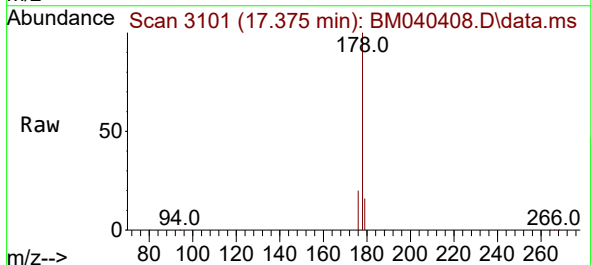
Instrument :
BNA_M
ClientSampleId :
DCFL8

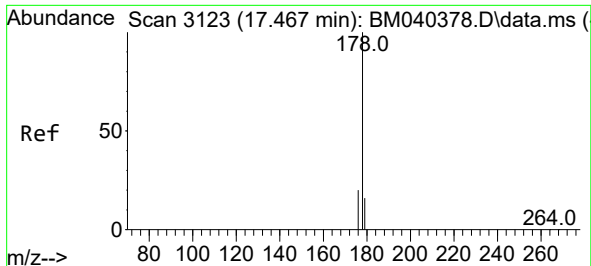
Tgt Ion:266 Resp: 159
Ion Ratio Lower Upper
266 100
264 58.5 45.4 68.0
268 54.7 47.2 70.8



#15
Phenanthrene
Concen: 3.206 ng/ul
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:178 Resp: 197538
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.6 16.4 24.6

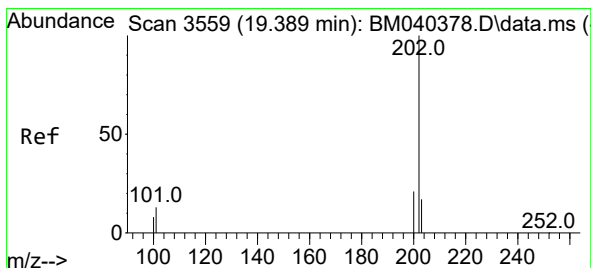
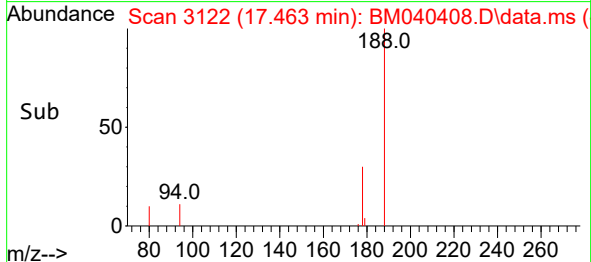
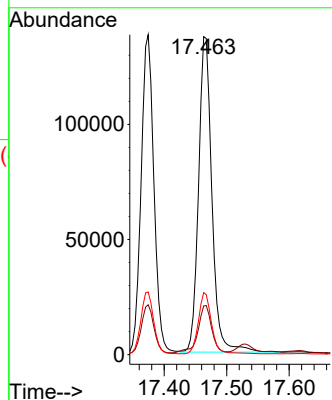
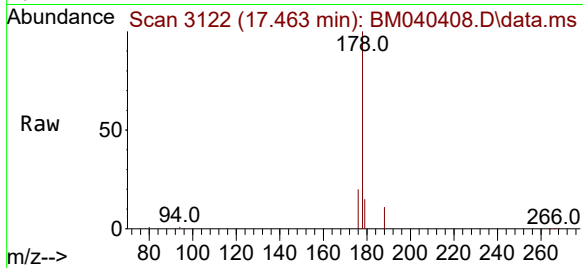




#16
 Anthracene
 Concen: 3.933 ng/ul
 RT: 17.463 min Scan# 3122
 Delta R.T. -0.008 min
 Lab File: BM040408.D
 Acq: 26 Jun 2023 19:11

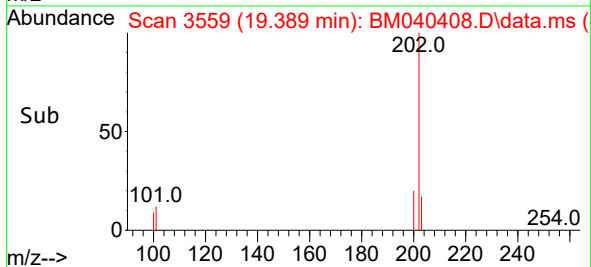
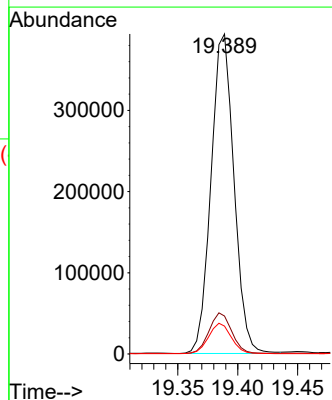
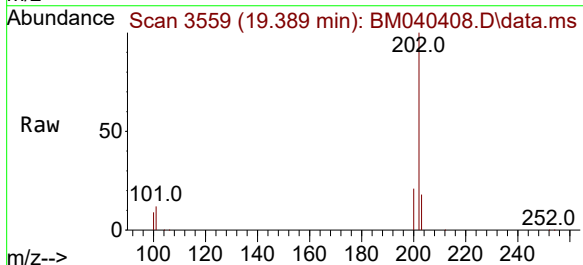
Instrument :
 BNA_M
 ClientSampleId :
 DCFL8

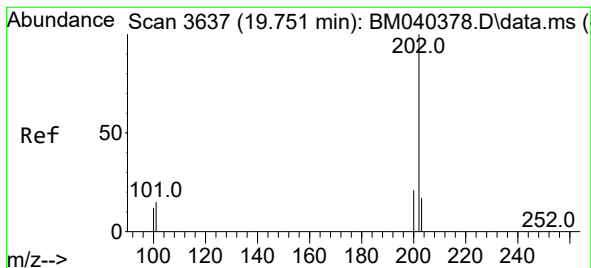
Tgt Ion:178 Resp: 203615
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.9 19.3
 176 19.5 15.8 23.6



#19
 Fluoranthene
 Concen: 9.368 ng/ul
 RT: 19.389 min Scan# 3559
 Delta R.T. 0.000 min
 Lab File: BM040408.D
 Acq: 26 Jun 2023 19:11

Tgt Ion:202 Resp: 524436
 Ion Ratio Lower Upper
 202 100
 101 11.9 11.4 17.0
 100 8.7 8.7 13.1#





#20

Pyrene

Concen: 8.285 ng/ul

RT: 19.751 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040408.D

Acq: 26 Jun 2023 19:11

Instrument :

BNA_M

ClientSampleId :

DCFL8

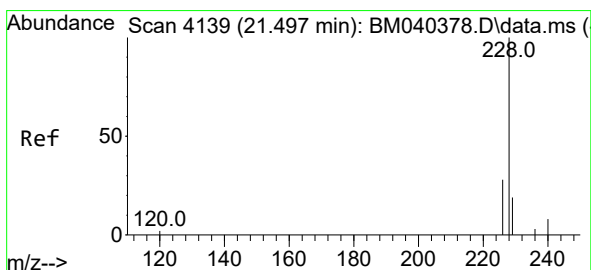
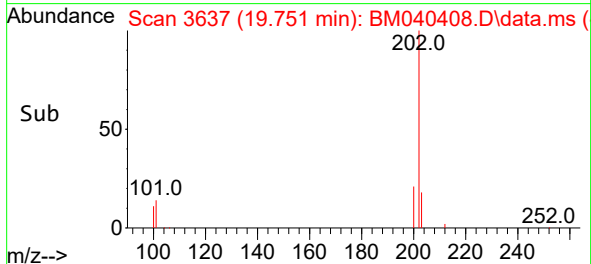
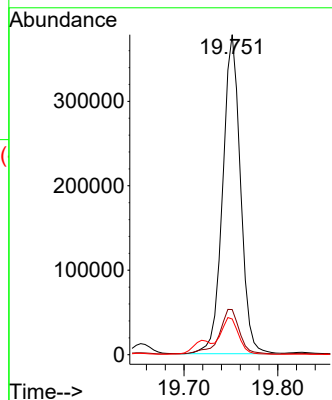
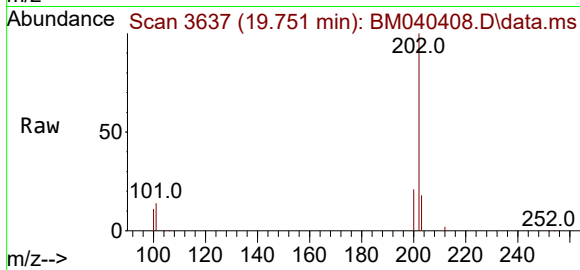
Tgt Ion:202 Resp: 497222

Ion Ratio Lower Upper

202 100

101 14.1 12.6 18.8

100 11.2 9.8 14.6



#21

Benzo(a)anthracene

Concen: 9.926 ng/ul

RT: 21.494 min Scan# 4138

Delta R.T. -0.006 min

Lab File: BM040408.D

Acq: 26 Jun 2023 19:11

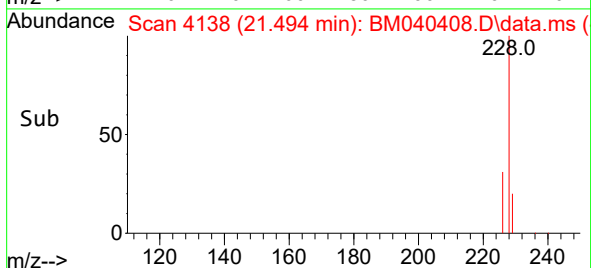
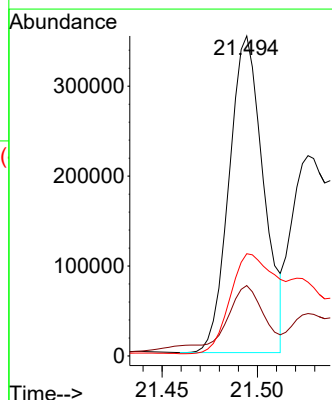
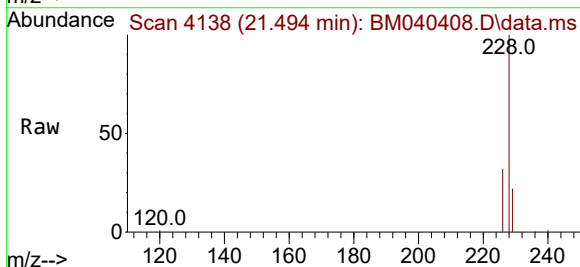
Tgt Ion:228 Resp: 442501

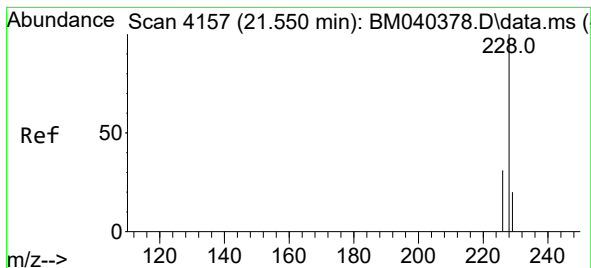
Ion Ratio Lower Upper

228 100

229 22.0 16.0 24.0

226 32.0 22.3 33.5





#22

Chrysene

Concen: 5.513 ng/ul

RT: 21.547 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040408.D

Acq: 26 Jun 2023 19:11

Instrument :

BNA_M

ClientSampleId :

DCFL8

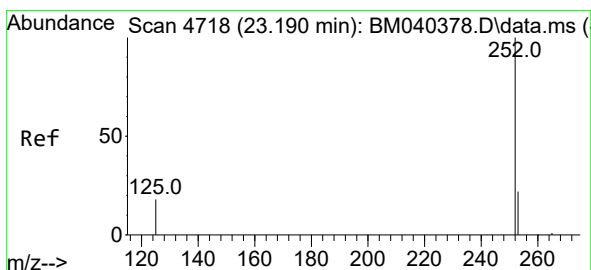
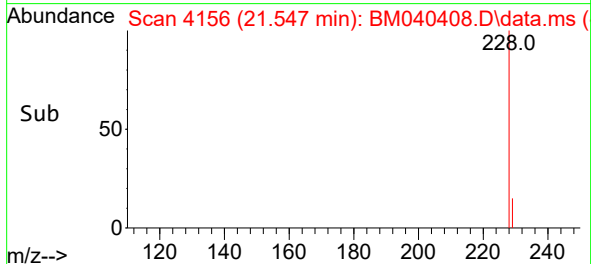
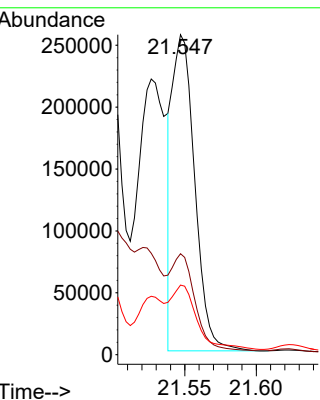
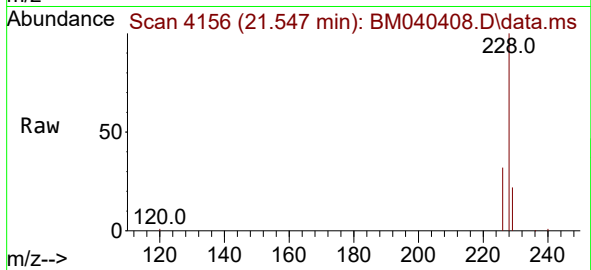
Tgt Ion:228 Resp: 280351

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 21.8 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 31.087 ng/ul

RT: 23.198 min Scan# 4721

Delta R.T. 0.006 min

Lab File: BM040408.D

Acq: 26 Jun 2023 19:11

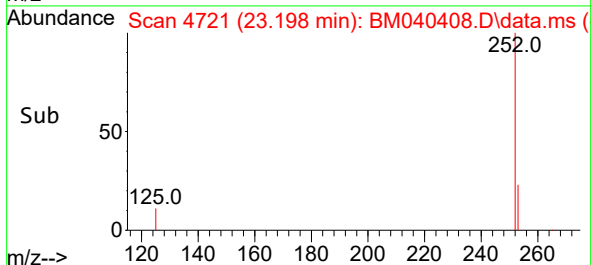
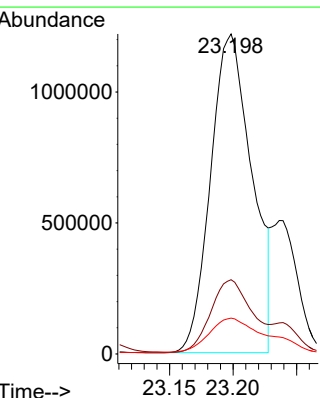
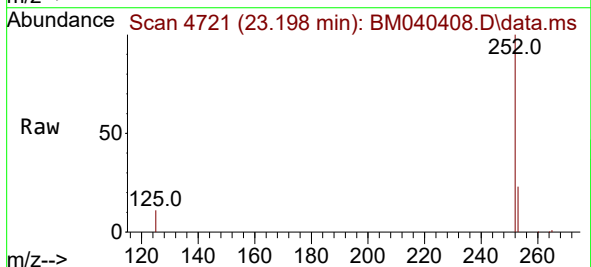
Tgt Ion:252 Resp: 2754578

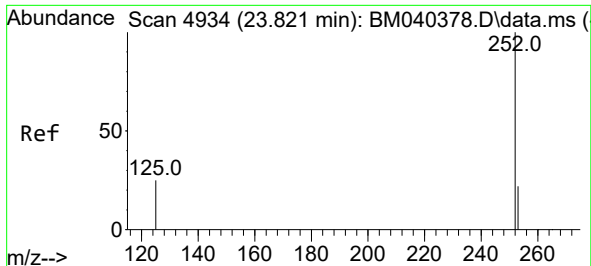
Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.8

125 11.2 0.0 43.0

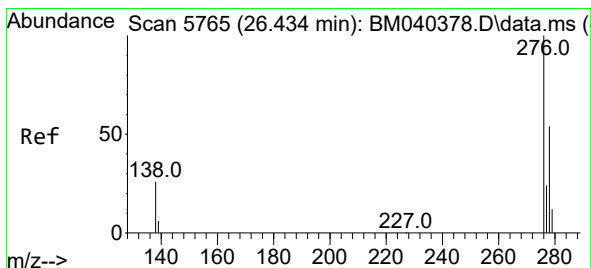
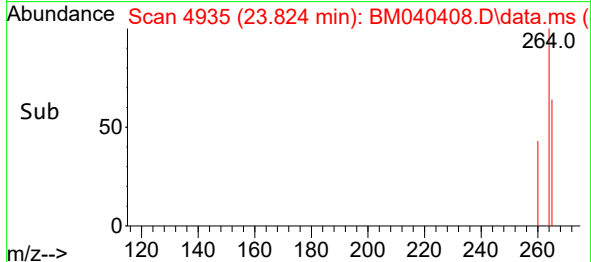
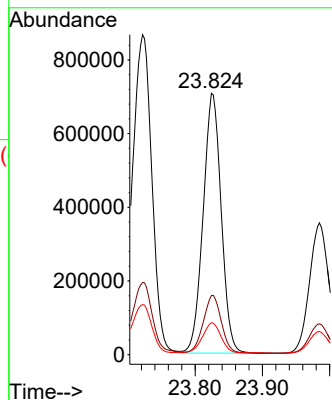
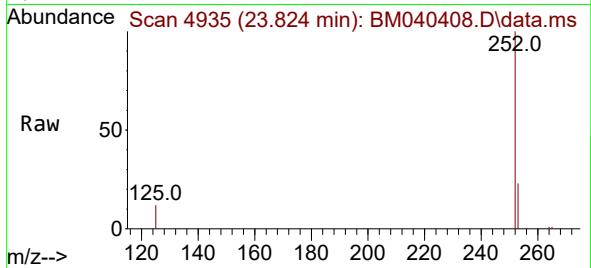




#26
Benzo(a)pyrene
Concen: 16.514 ng/ul
RT: 23.824 min Scan# 4934
Delta R.T. 0.000 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

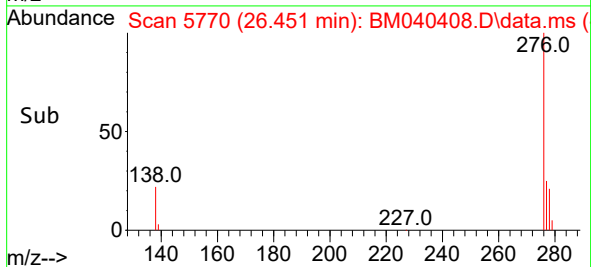
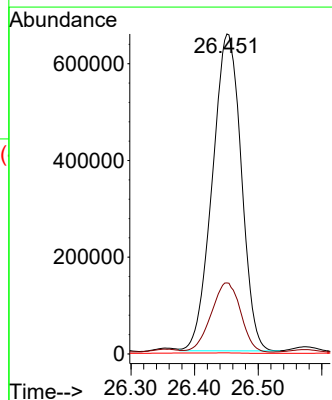
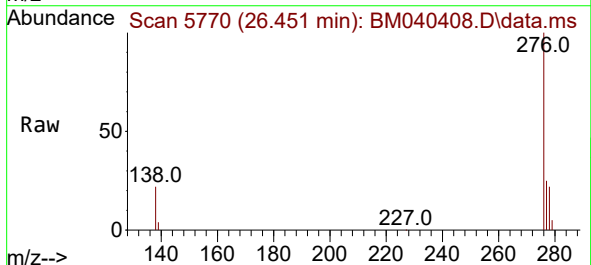
Instrument :
BNA_M
ClientSampleId :
DCFL8

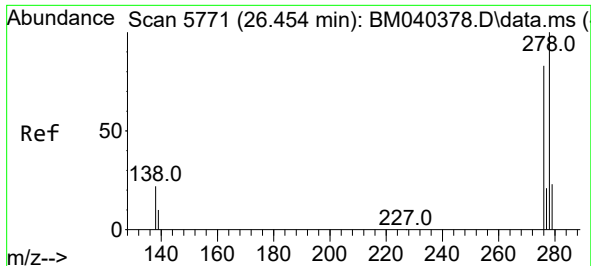
Tgt Ion:252 Resp: 1318062
Ion Ratio Lower Upper
252 100
253 22.6 22.9 34.3#
125 12.3 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 18.612 ng/ul
RT: 26.451 min Scan# 5770
Delta R.T. 0.017 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:276 Resp: 2068918
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.3 0.1 0.1#

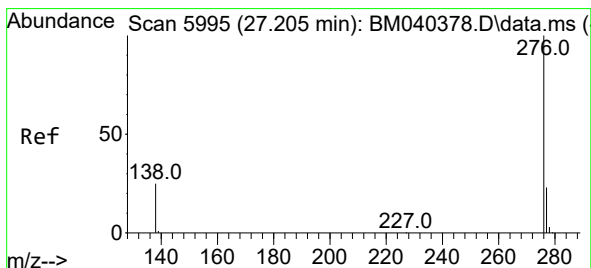
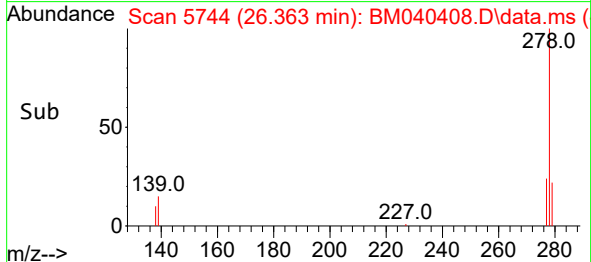
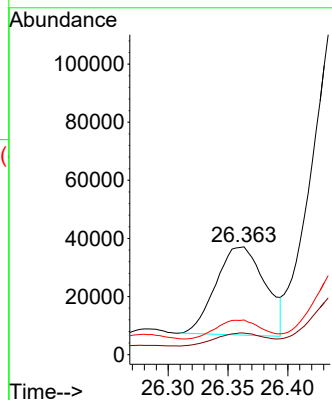
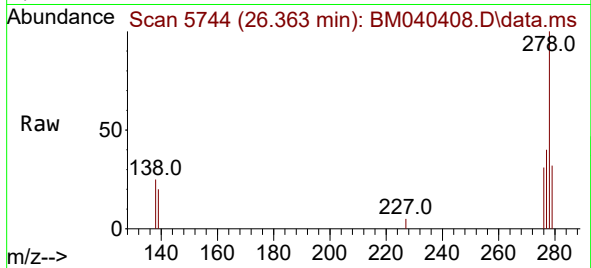




#28
Dibenzo(a,h)anthracene
Concen: 0.999 ng/ul
RT: 26.363 min Scan# 51
Delta R.T. -0.091 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Instrument :
BNA_M
ClientSampleId :
DCFL8

Tgt Ion:278 Resp: 86927
Ion Ratio Lower Upper
278 100
139 20.0 17.9 26.9
279 32.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 22.340 ng/ul
RT: 27.232 min Scan# 6003
Delta R.T. 0.027 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:276 Resp: 2176547
Ion Ratio Lower Upper
276 100
138 22.8 23.0 34.6#
277 24.3 20.3 30.5

