

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040280.D
 Acq On : 16 Jun 2023 14:42
 Operator : MA/JU
 Sample : 03080-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH3

Quant Time: Jun 16 23:38:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

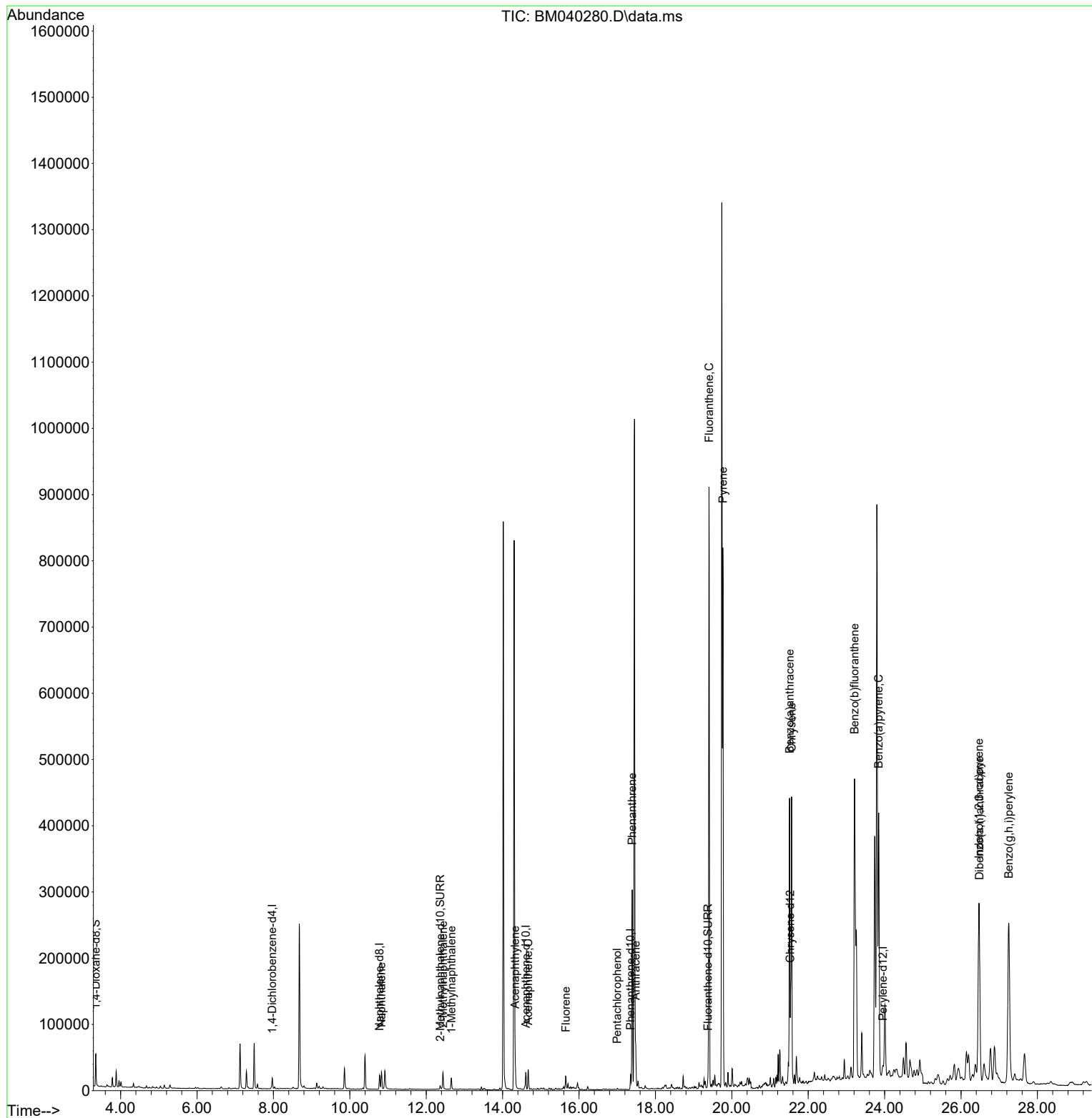
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	27951	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.605	164	13906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	24731	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	19233	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	23089	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	29322	2.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	7200	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	12207	0.254	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.828	128	35241	0.532	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	18059	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	12039	0.279	ng/ul	99
10) Acenaphthylene	14.327	152	37968	0.781	ng/ul	99
11) Acenaphthene	14.670	153	17261	0.414	ng/ul	99
12) Fluorene	15.655	166	12368	0.266	ng/ul	99
14) Pentachlorophenol	16.999	266	1122	0.222	ng/ul	99
15) Phenanthrene	17.391	178	304911	4.689	ng/ul	99
16) Anthracene	17.484	178	59219	1.075	ng/ul	100
19) Fluoranthene	19.403	202	728020	11.112	ng/ul	100
20) Pyrene	19.765	202	644473	9.468	ng/ul	99
21) Benzo(a)anthracene	21.512	228	360090	6.343	ng/ul	97
22) Chrysene	21.564	228	443061	7.388	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	755644	8.878	ng/ul	93
26) Benzo(a)pyrene	23.844	252	550613	7.883	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.471	276	454827	5.144	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.481	278	122653	1.728	ng/ul#	91
29) Benzo(g,h,i)perylene	27.252	276	544844	7.378	ng/ul	99

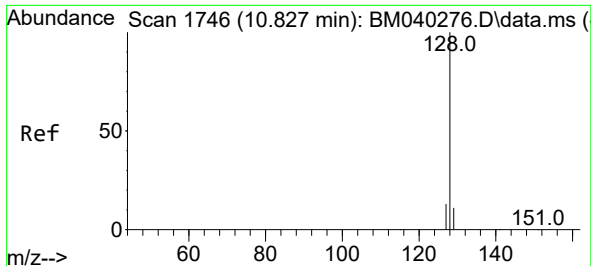
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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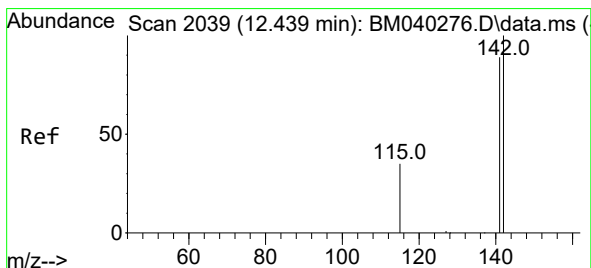
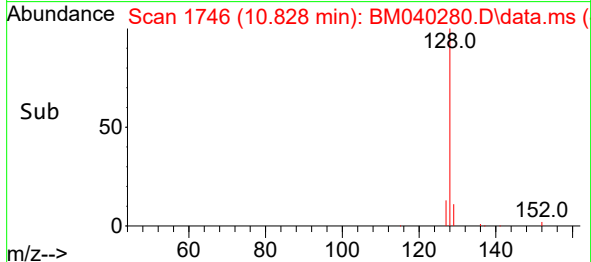
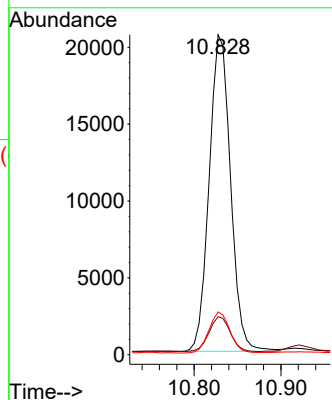
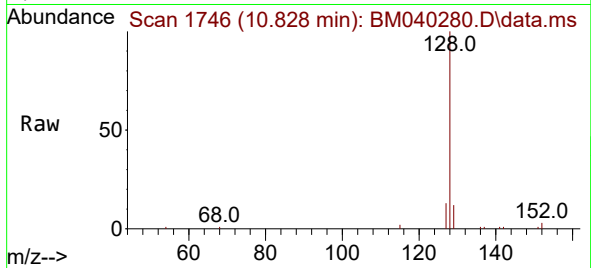




#5
Naphthalene
Concen: 0.532 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

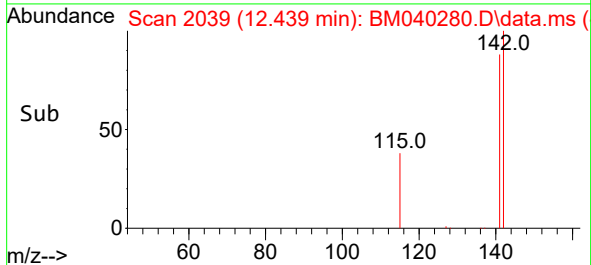
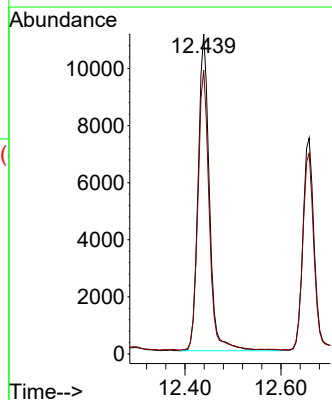
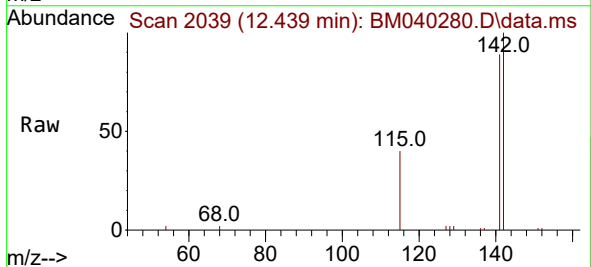
Instrument :
BNA_M
ClientSampleId :
DCFH3

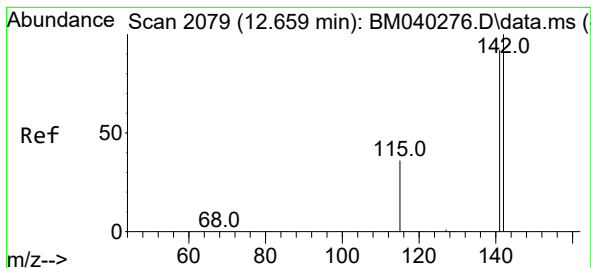
Tgt Ion:128 Resp: 35241
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.3 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Tgt Ion:142 Resp: 18059
Ion Ratio Lower Upper
142 100
141 88.0 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.279 ng/ul

RT: 12.659 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

Instrument :

BNA_M

ClientSampleId :

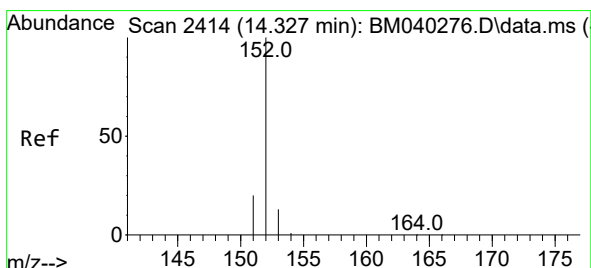
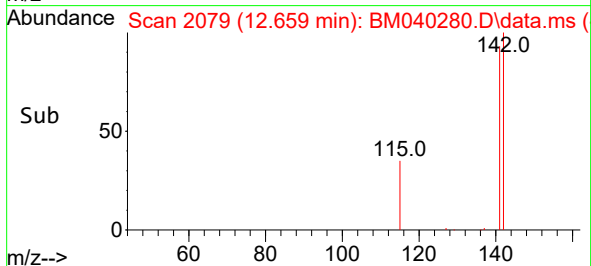
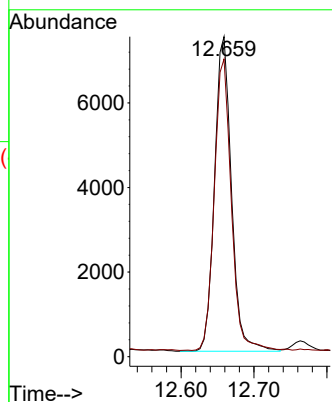
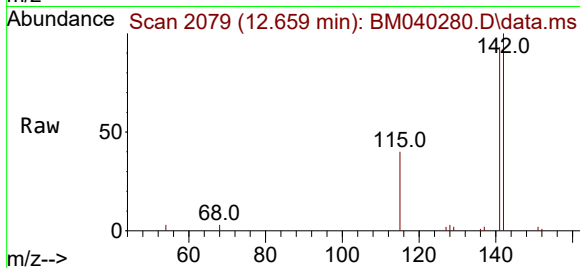
DCFH3

Tgt Ion:142 Resp: 12039

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.4



#10

Acenaphthylene

Concen: 0.781 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

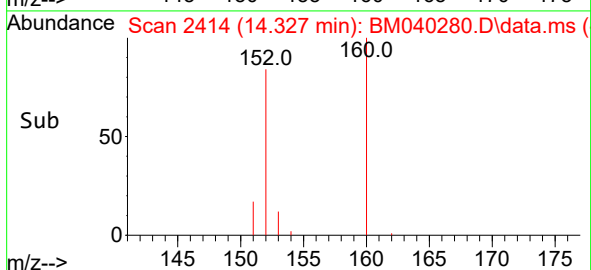
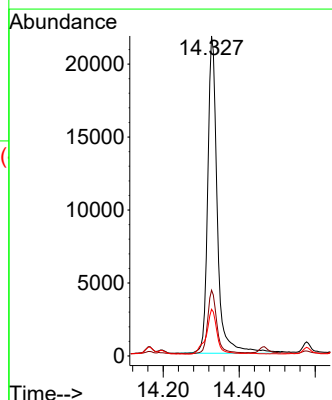
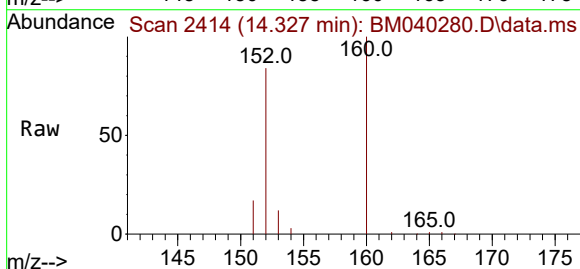
Tgt Ion:152 Resp: 37968

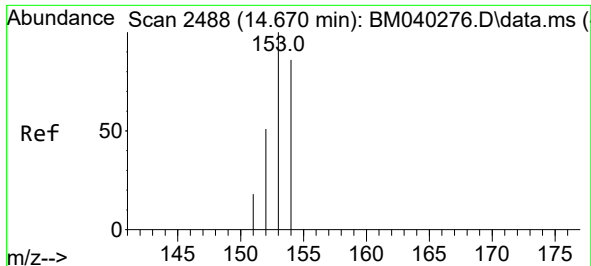
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.6 10.7 16.1

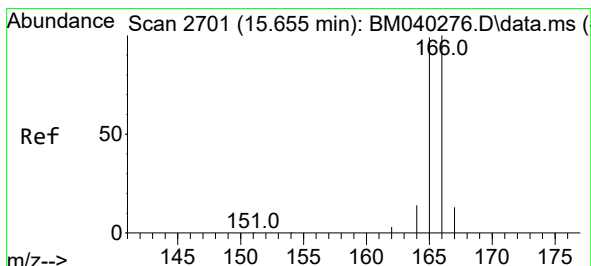
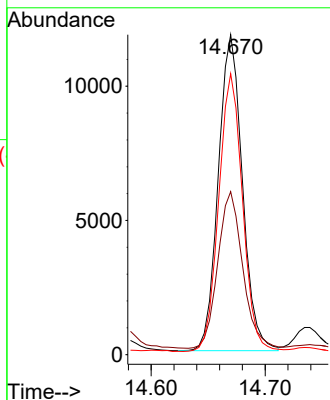
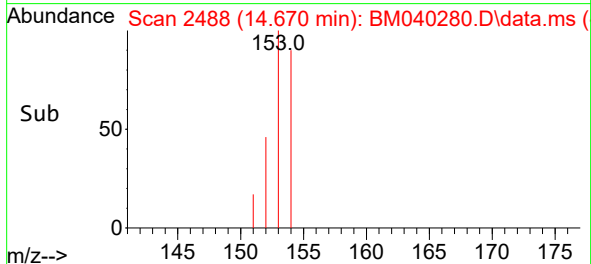
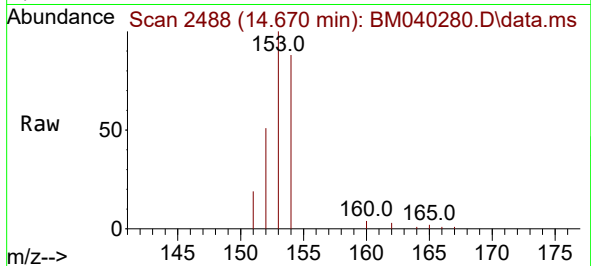




#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

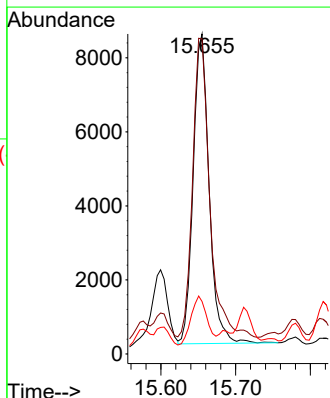
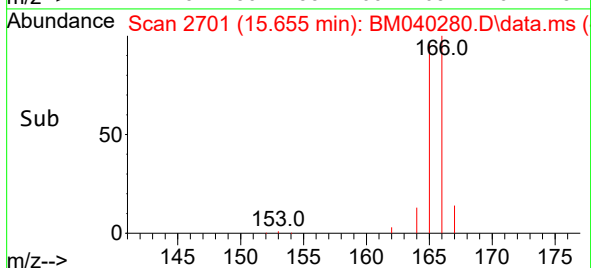
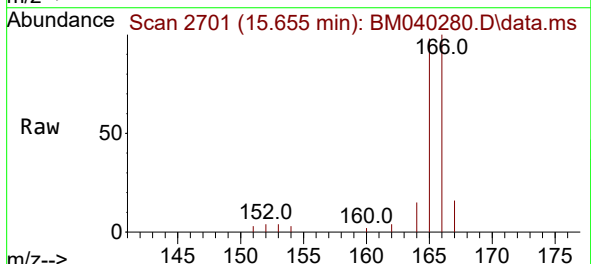
Instrument :
BNA_M
ClientSampleId :
DCFH3

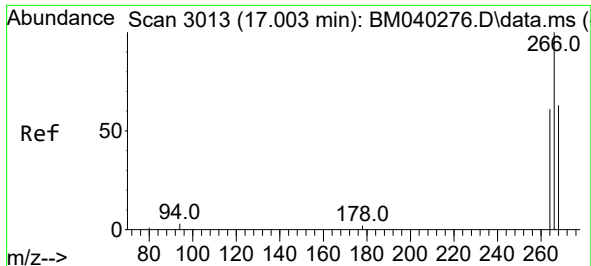
Tgt Ion:153 Resp: 17261
Ion Ratio Lower Upper
153 100
152 51.0 40.3 60.5
154 87.8 70.5 105.7



#12
Fluorene
Concen: 0.266 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Tgt Ion:166 Resp: 12368
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 16.4 11.0 16.4

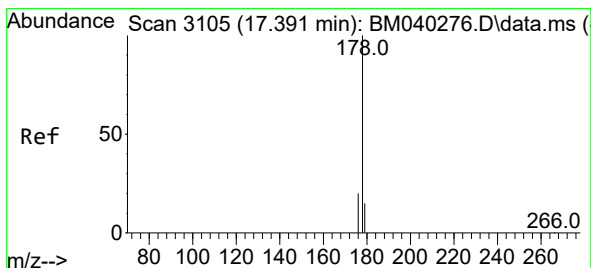
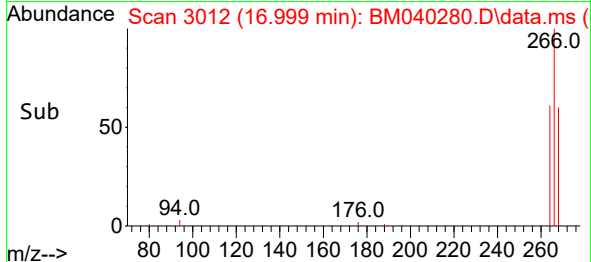
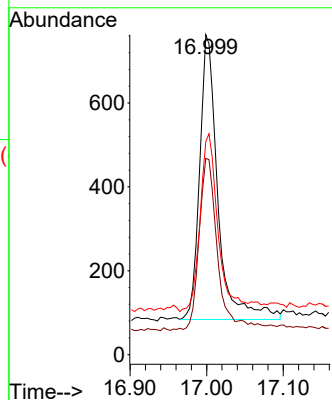
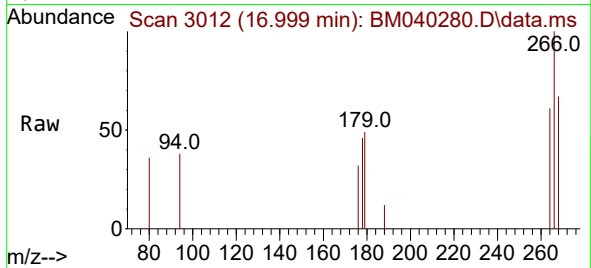




#14
 Pentachlorophenol
 Concen: 0.222 ng/ul
 RT: 16.999 min Scan# 3012
 Delta R.T. -0.008 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

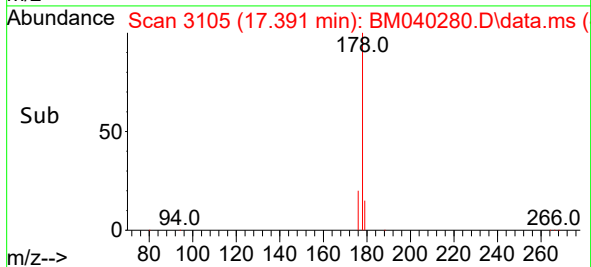
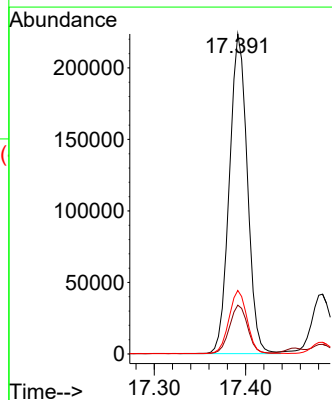
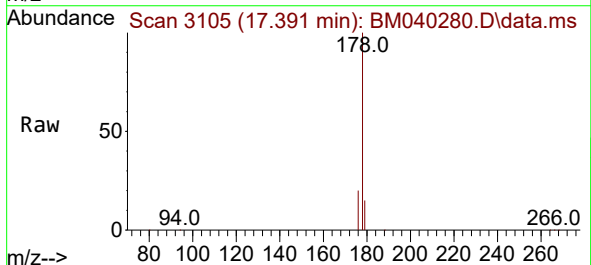
Instrument :
 BNA_M
 ClientSampleId :
 DCFH3

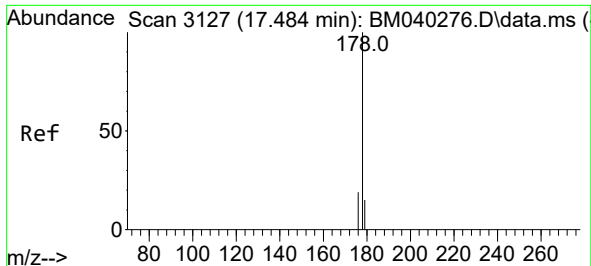
Tgt Ion:266 Resp: 1122
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.4 74.0
 268 63.6 51.3 76.9



#15
 Phenanthrene
 Concen: 4.689 ng/ul
 RT: 17.391 min Scan# 3105
 Delta R.T. -0.004 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

Tgt Ion:178 Resp: 304911
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 19.0
 176 19.8 16.1 24.1

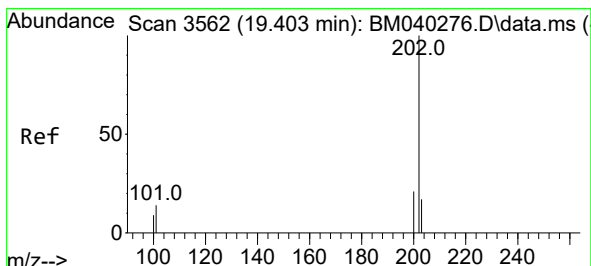
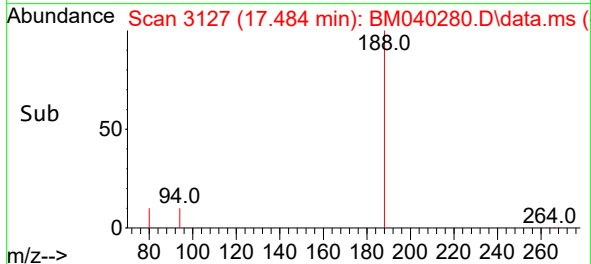
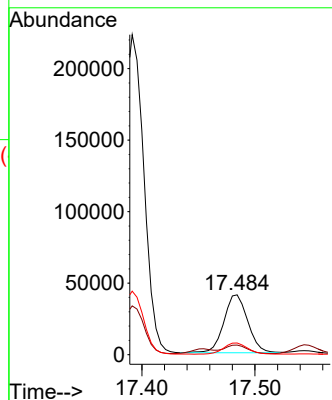
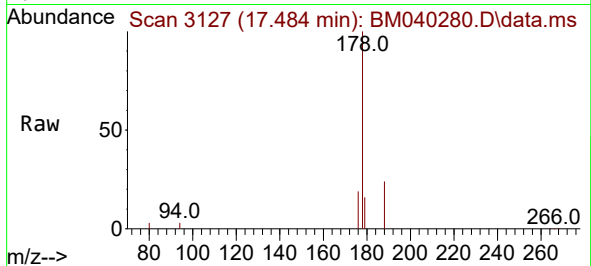




#16
 Anthracene
 Concen: 1.075 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

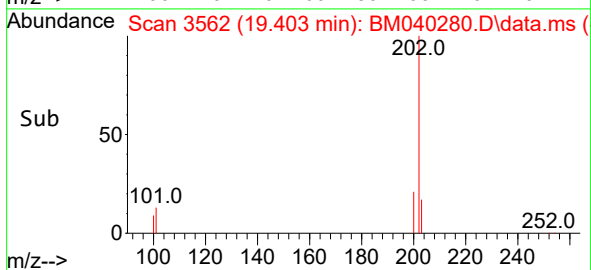
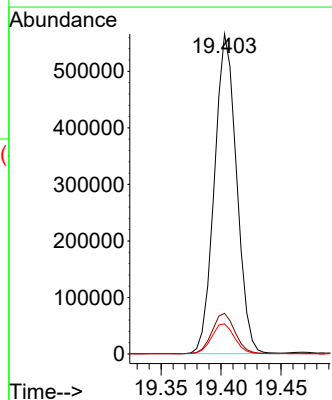
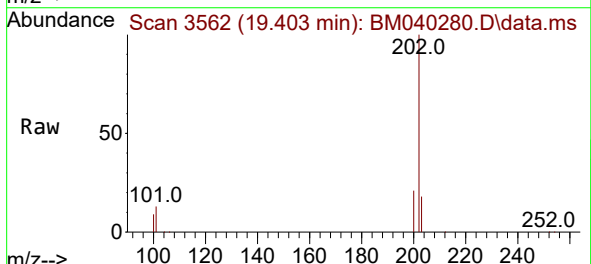
Instrument :
 BNA_M
 ClientSampleId :
 DCFH3

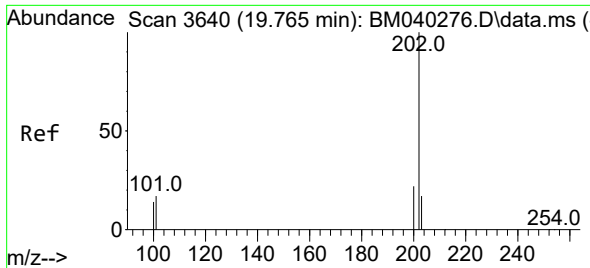
Tgt Ion:178 Resp: 59219
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.4
 176 19.4 15.5 23.3



#19
 Fluoranthene
 Concen: 11.112 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

Tgt Ion:202 Resp: 728020
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.2 15.4
 100 9.4 7.6 11.4





#20

Pyrene

Concen: 9.468 ng/ul

RT: 19.765 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

Instrument :

BNA_M

ClientSampleId :

DCFH3

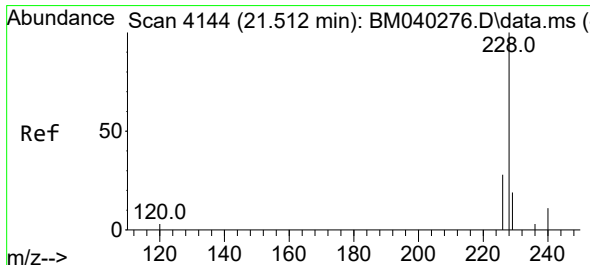
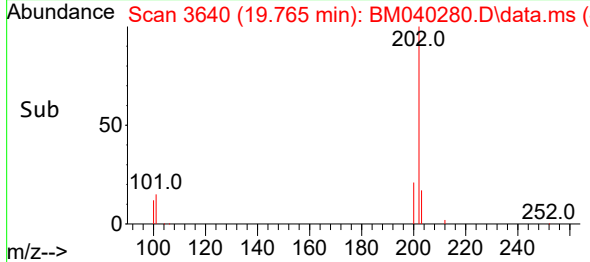
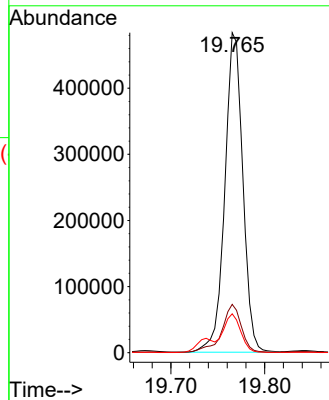
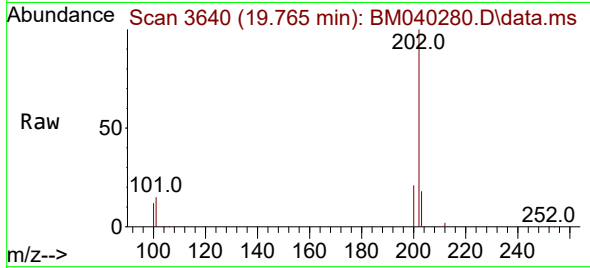
Tgt Ion:202 Resp: 644473

Ion Ratio Lower Upper

202 100

101 15.1 11.8 17.8

100 12.1 9.3 13.9



#21

Benzo(a)anthracene

Concen: 6.343 ng/ul

RT: 21.512 min Scan# 4144

Delta R.T. -0.003 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

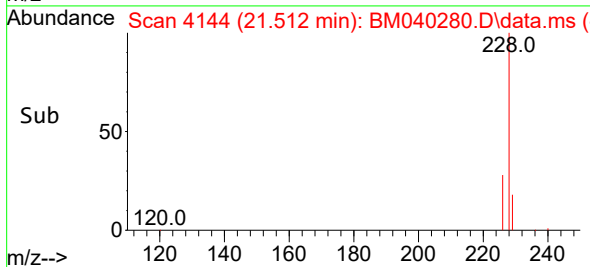
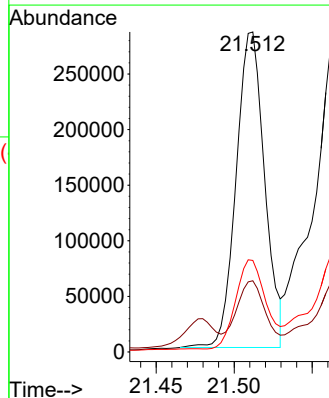
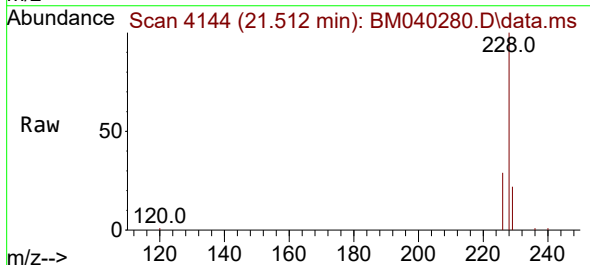
Tgt Ion:228 Resp: 360090

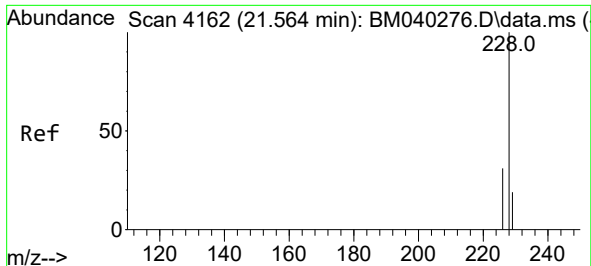
Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.8

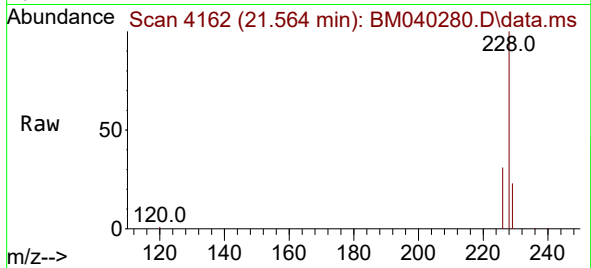
226 28.6 22.0 33.0



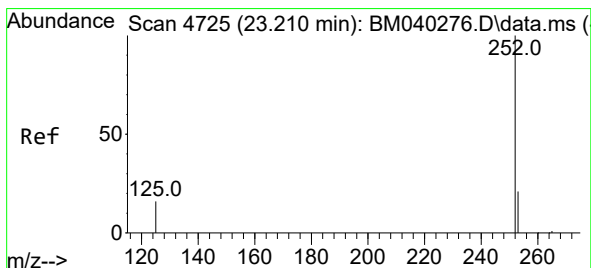
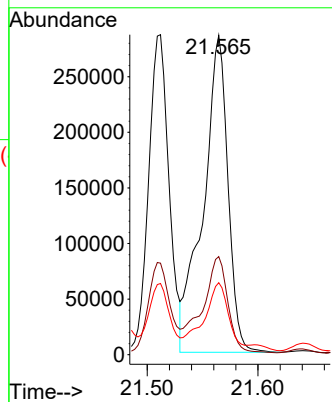
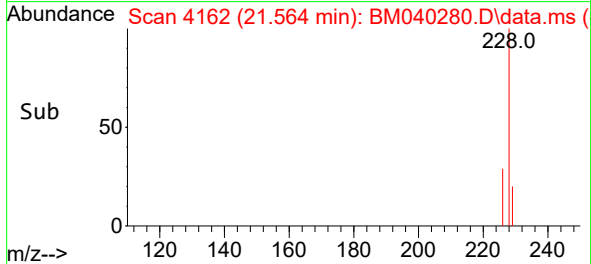


#22
Chrysene
Concen: 7.388 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

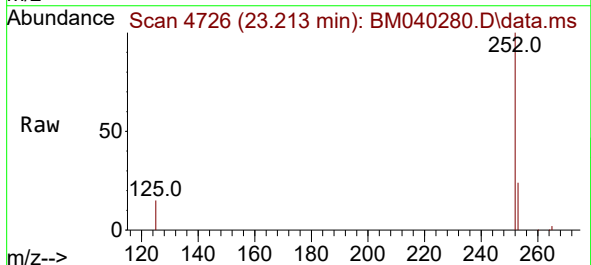
Instrument :
BNA_M
ClientSampleId :
DCFH3



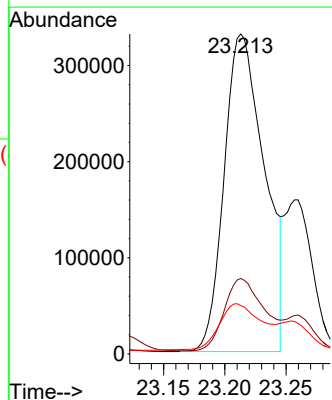
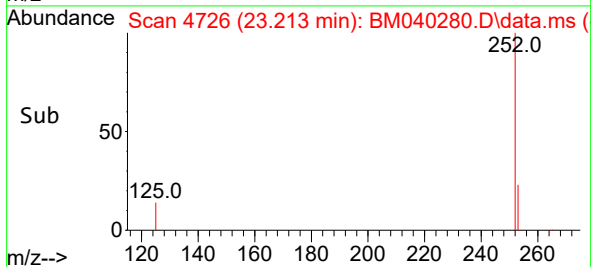
Tgt Ion:228 Resp: 443061
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.5 15.7 23.5

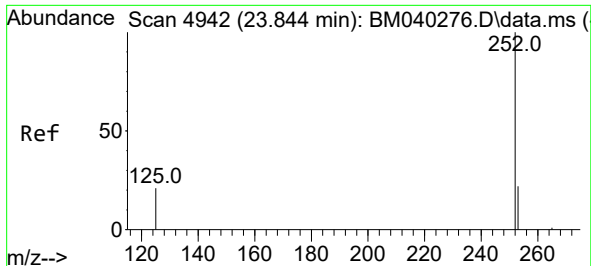


#24
Benzo(b)fluoranthene
Concen: 8.878 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42



Tgt Ion:252 Resp: 755644
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 15.1 0.0 38.4

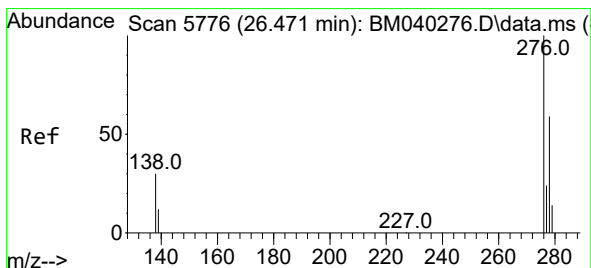
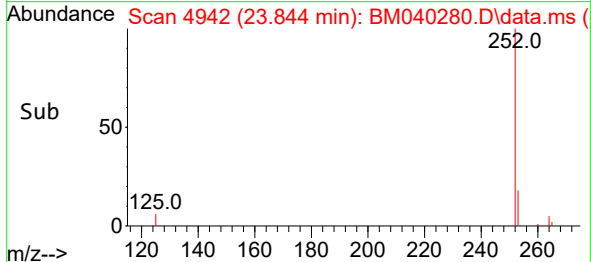
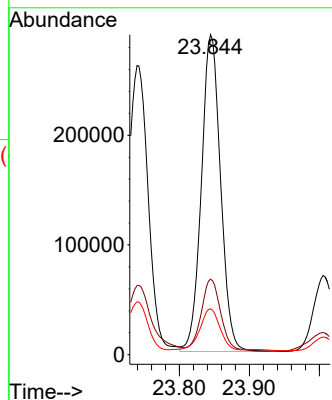
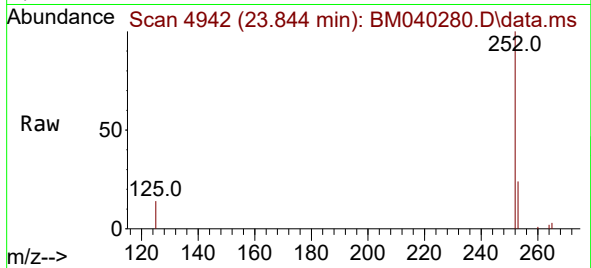




#26
Benzo(a)pyrene
Concen: 7.883 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

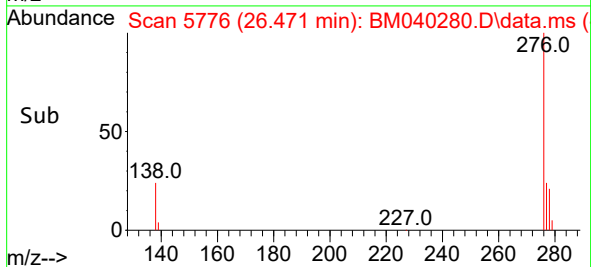
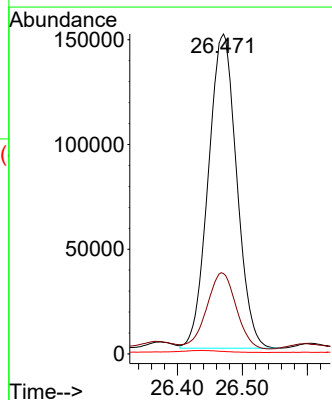
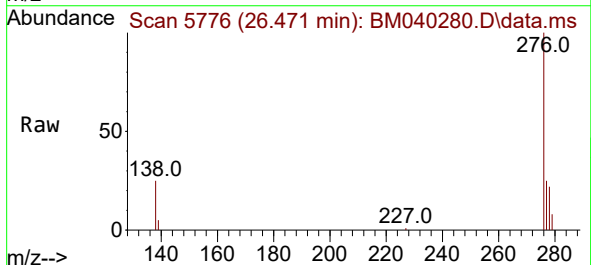
Instrument :
BNA_M
ClientSampleId :
DCFH3

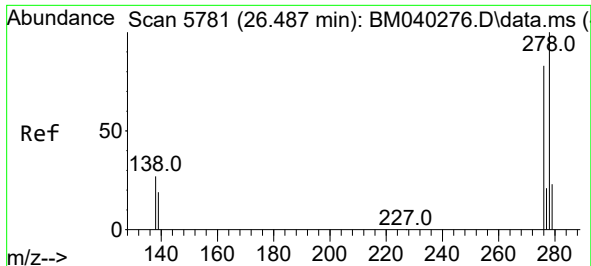
Tgt Ion:252 Resp: 550613
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 14.3 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.144 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Tgt Ion:276 Resp: 454827
Ion Ratio Lower Upper
276 100
138 25.1 23.3 34.9
227 0.0 0.1 0.1#

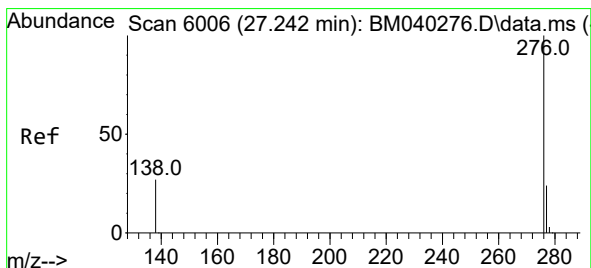
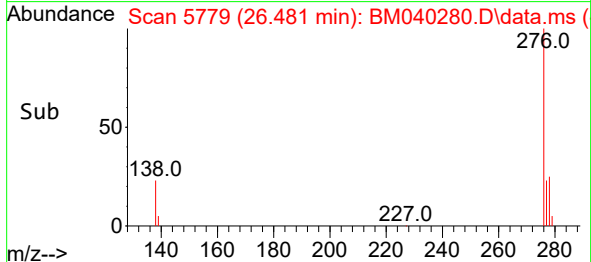
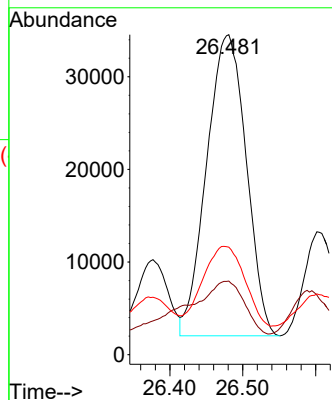
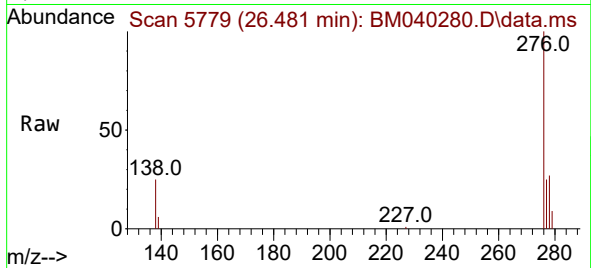




#28
Dibenzo(a,h)anthracene
Concen: 1.728 ng/ul
RT: 26.481 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Instrument :
BNA_M
ClientSampleId :
DCFH3

Tgt Ion:278 Resp: 122653
Ion Ratio Lower Upper
278 100
139 23.0 16.4 24.6
279 33.6 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 7.378 ng/ul
RT: 27.252 min Scan# 6009
Delta R.T. -0.003 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Tgt Ion:276 Resp: 544844
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
277 24.5 19.6 29.4

