

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040414.D
 Acq On : 26 Jun 2023 22:53
 Operator : MA/JU
 Sample : 03084-15DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN2DL

Quant Time: Jun 27 04:28:04 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)

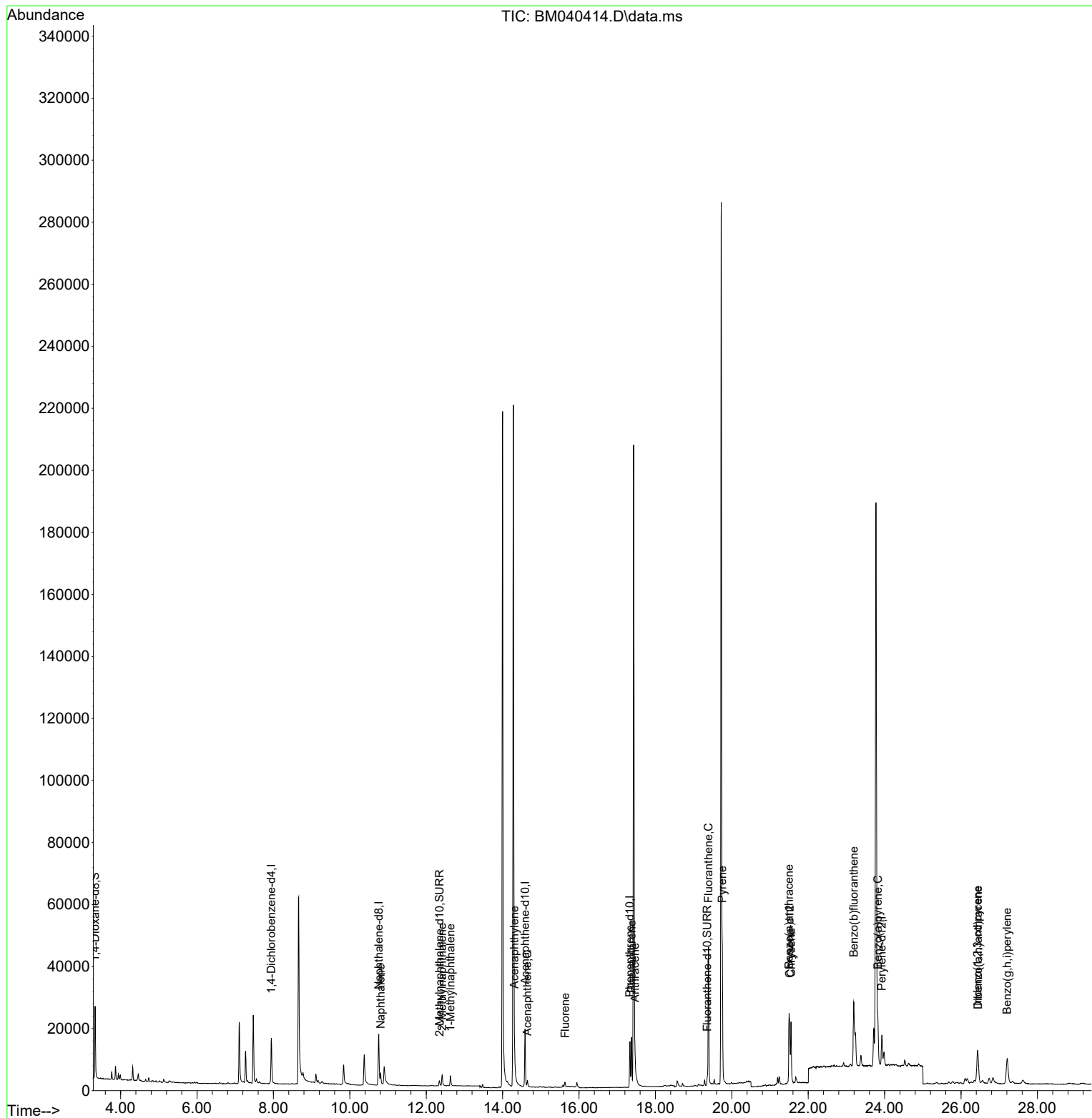
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7808	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	25864	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	10709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	18009	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12443	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	14180	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	13547	1.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	2681	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	3109	0.078	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	5062	0.071	ng/ul#	90
7) 2-Methylnaphthalene	12.417	142	3157	0.075	ng/ul	97
8) 1-Methylnaphthalene	12.637	142	2598	0.062	ng/ul	99
10) Acenaphthylene	14.309	152	4816	0.101	ng/ul#	93
11) Acenaphthene	14.647	153	1211	0.030	ng/ul	95
12) Fluorene	15.637	166	1021	0.024	ng/ul#	89
15) Phenanthrene	17.375	178	18334	0.328	ng/ul	99
16) Anthracene	17.463	178	3725	0.079	ng/ul#	88
19) Fluoranthene	19.389	202	39567	0.749	ng/ul	98
20) Pyrene	19.751	202	32955	0.582	ng/ul	99
21) Benzo(a)anthracene	21.497	228	18329	0.435	ng/ul	95
22) Chrysene	21.550	228	22226	0.463	ng/ul	96
24) Benzo(b)fluoranthene	23.193	252	35115	0.640	ng/ul	97
26) Benzo(a)pyrene	23.821	252	19987	0.404	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.434	276	19633	0.285	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.444	278	4729	0.088	ng/ul#	53
29) Benzo(g,h,i)perylene	27.209	276	19478	0.323	ng/ul	97

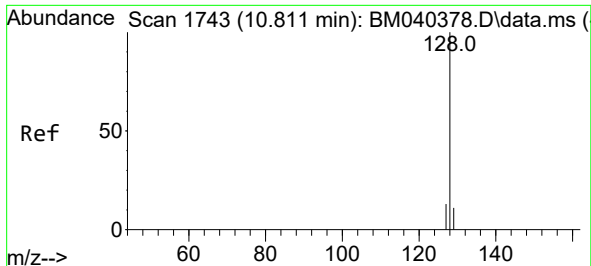
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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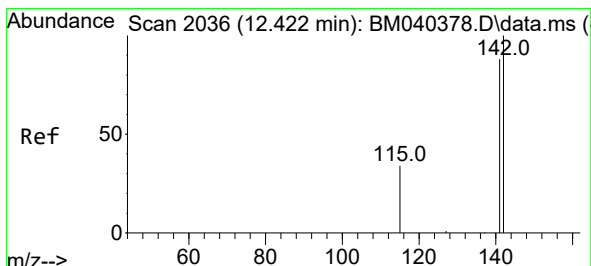
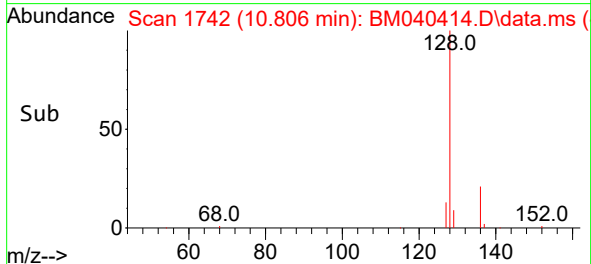
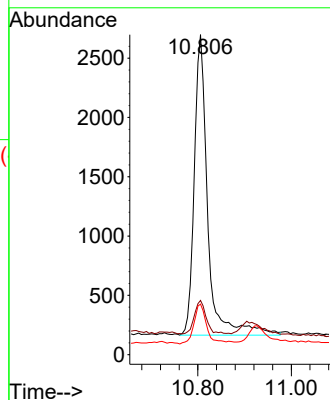
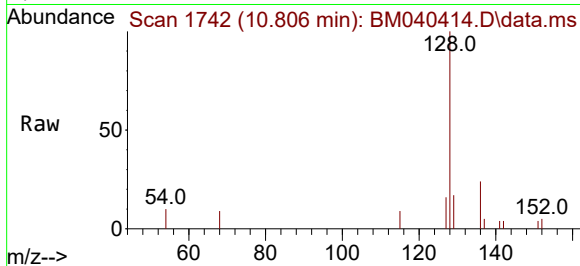




#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

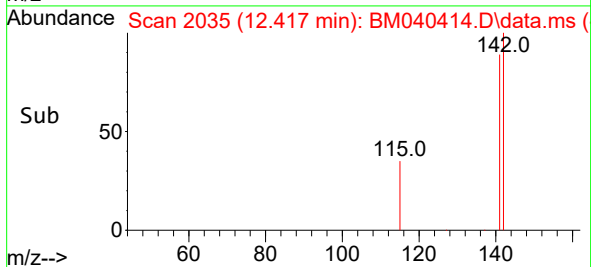
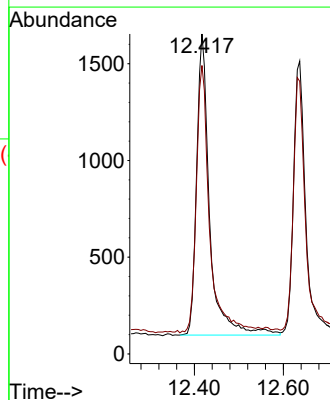
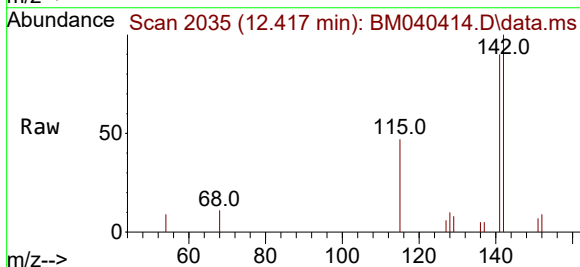
Instrument :
BNA_M
ClientSampleId :
DCFN2DL

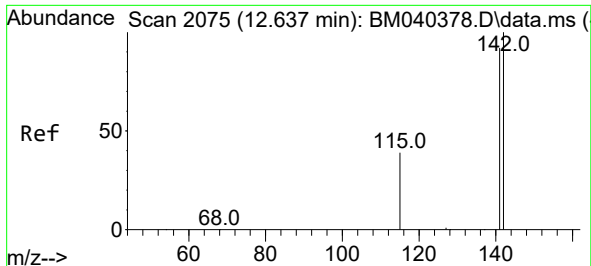
Tgt Ion:128 Resp: 5062
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8#
127 15.8 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

Tgt Ion:142 Resp: 3157
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9

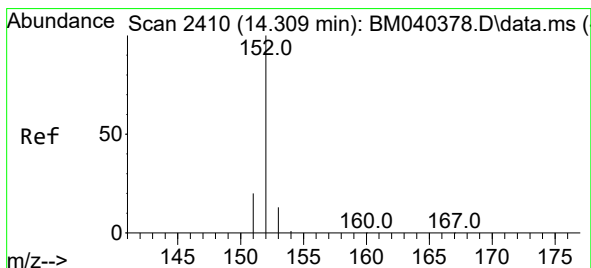
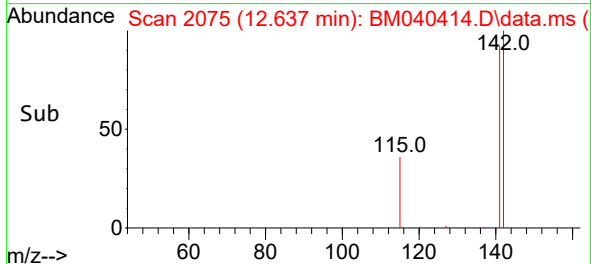
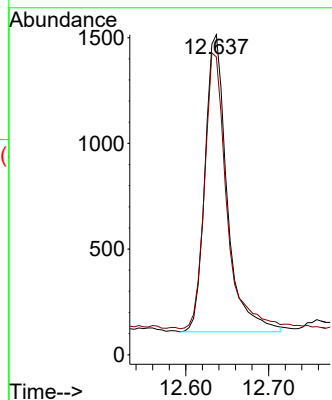
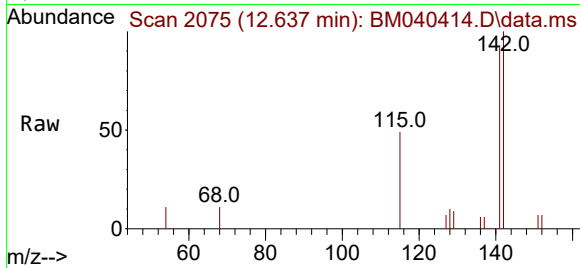




#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

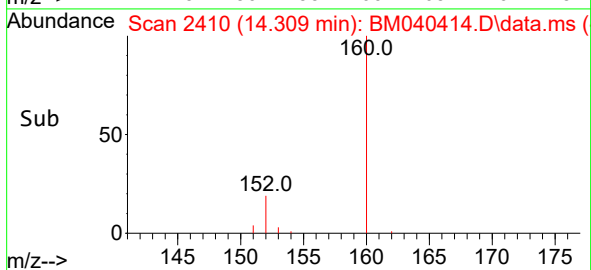
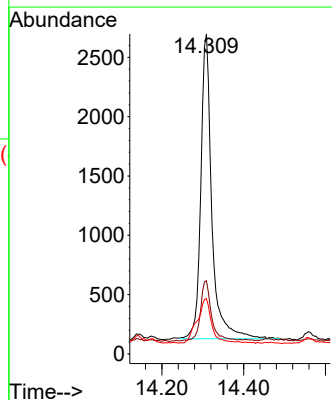
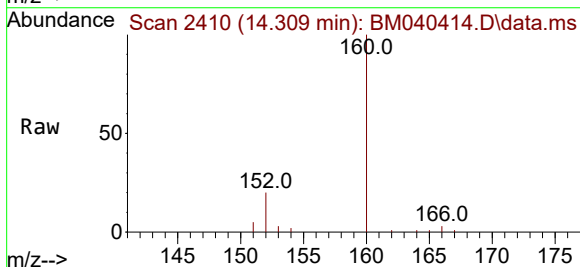
Instrument :
BNA_M
ClientSampleId :
DCFN2DL

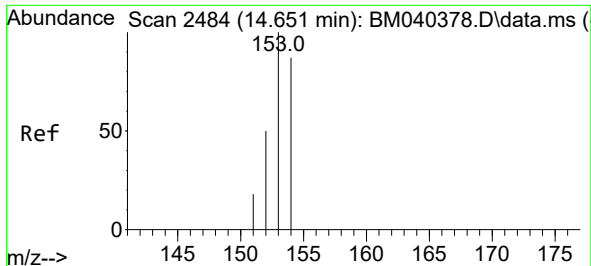
Tgt Ion:142 Resp: 2598
Ion Ratio Lower Upper
142 100
141 92.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

Tgt Ion:152 Resp: 4816
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2
153 17.3 10.9 16.3#

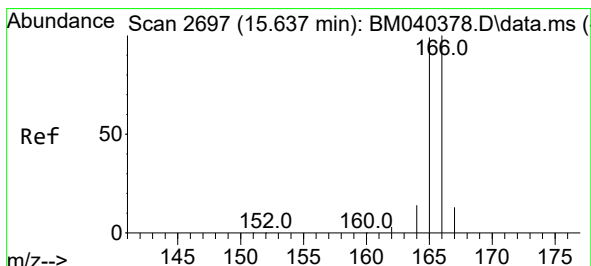
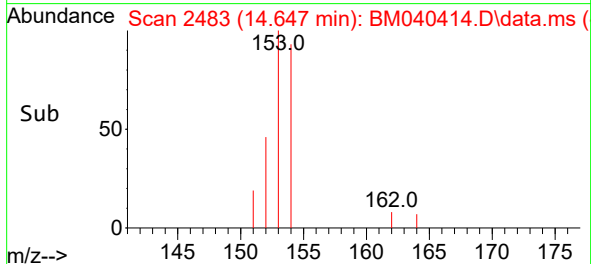
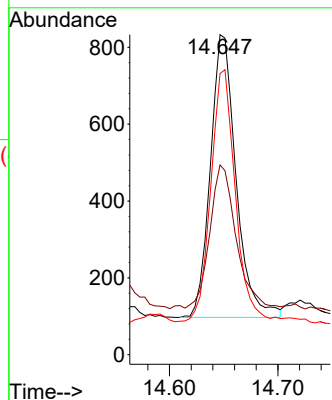
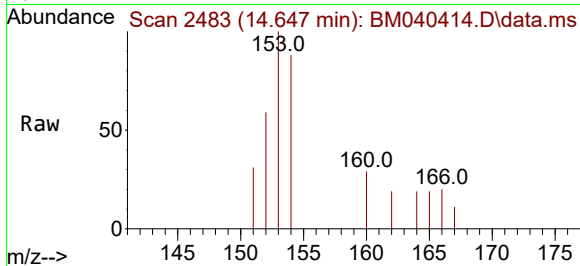




#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

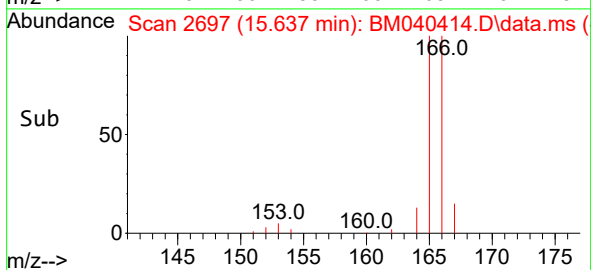
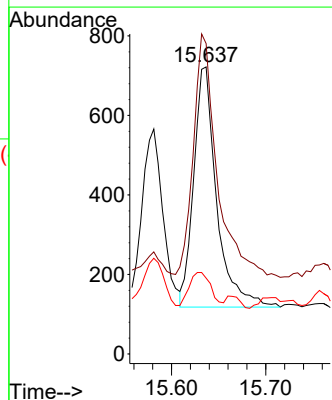
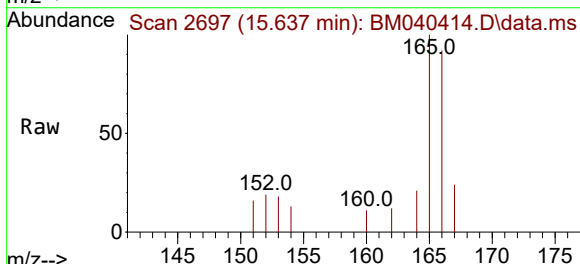
Instrument :
BNA_M
ClientSampleId :
DCFN2DL

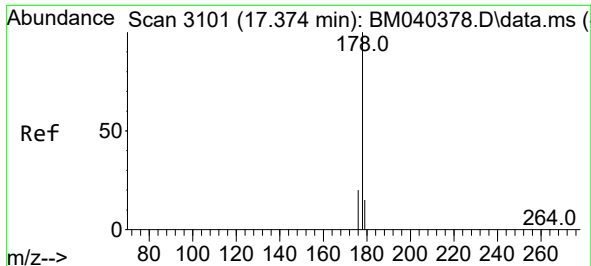
Tgt Ion:153 Resp: 1211
Ion Ratio Lower Upper
153 100
152 59.3 41.0 61.4
154 87.9 70.8 106.2



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

Tgt Ion:166 Resp: 1021
Ion Ratio Lower Upper
166 100
165 108.2 79.6 119.4
167 26.5 11.4 17.0#

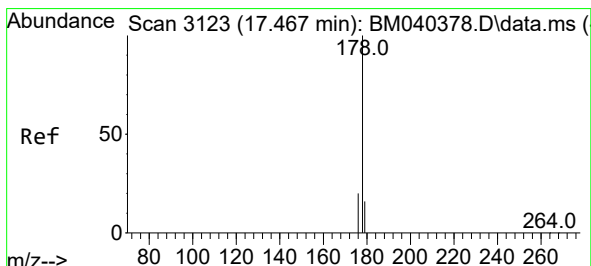
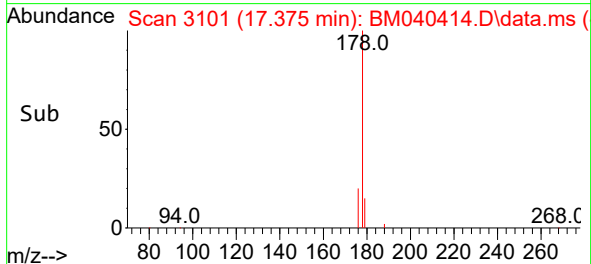
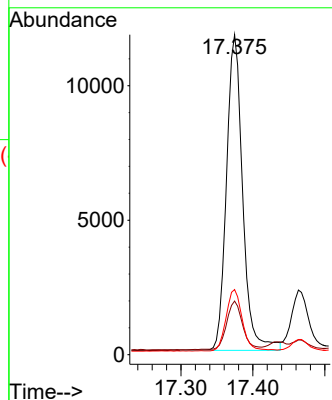
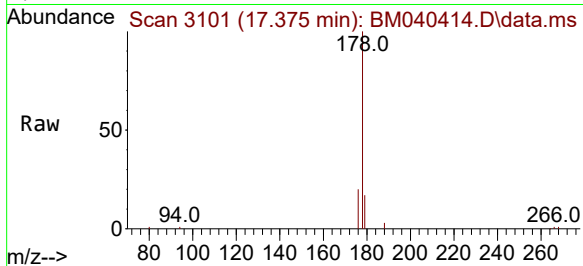




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

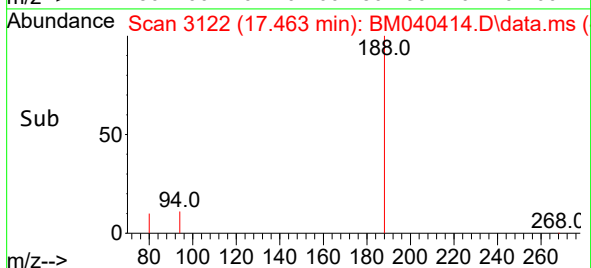
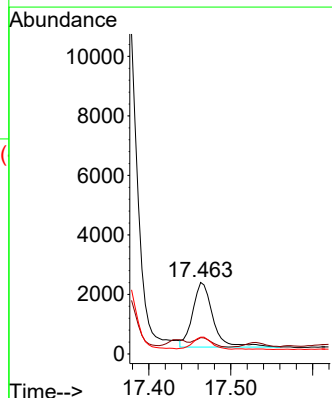
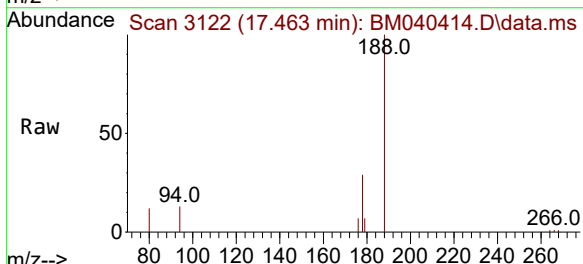
Instrument :
BNA_M
ClientSampleId :
DCFN2DL

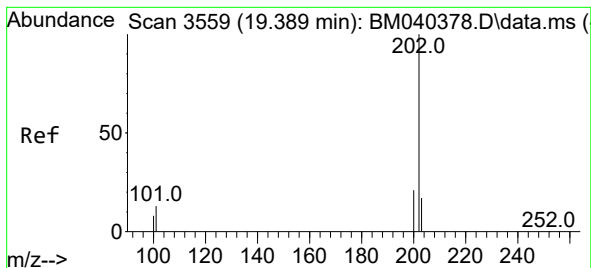
Tgt Ion:178 Resp: 18334
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.4 16.4 24.6



#16
Anthracene
Concen: 0.079 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

Tgt Ion:178 Resp: 3725
Ion Ratio Lower Upper
178 100
179 22.7 12.9 19.3#
176 23.5 15.8 23.6





#19

Fluoranthene

Concen: 0.749 ng/ul

RT: 19.389 min Scan# 3559

Delta R.T. 0.000 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

Instrument :

BNA_M

ClientSampleId :

DCFN2DL

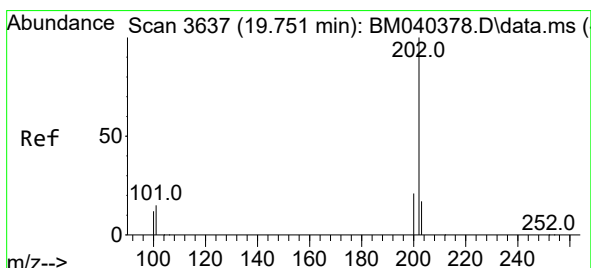
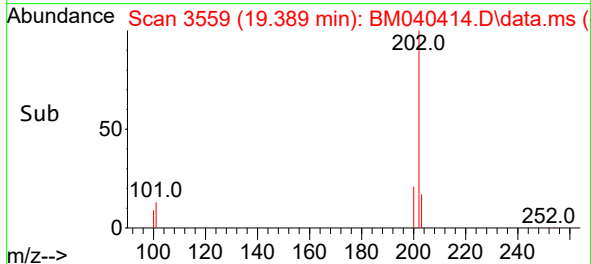
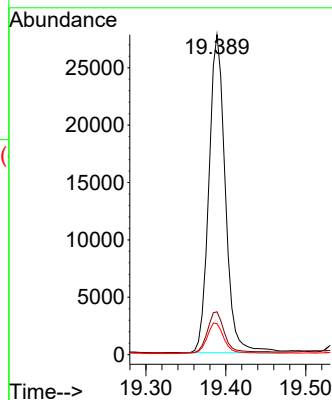
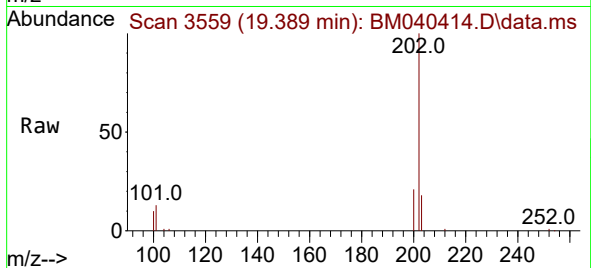
Tgt Ion:202 Resp: 39567

Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.0

100 9.7 8.7 13.1



#20

Pyrene

Concen: 0.582 ng/ul

RT: 19.751 min Scan# 3637

Delta R.T. -0.005 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

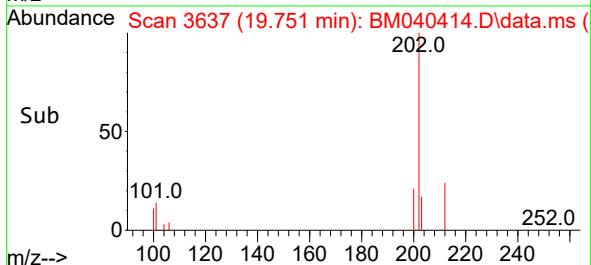
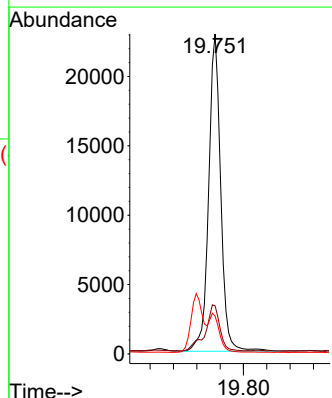
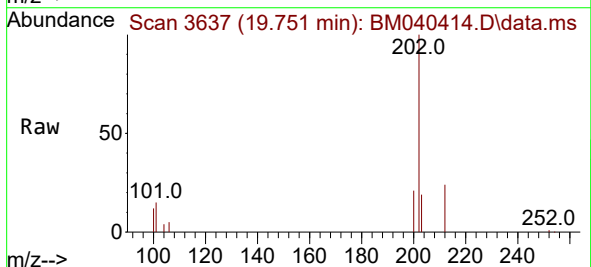
Tgt Ion:202 Resp: 32955

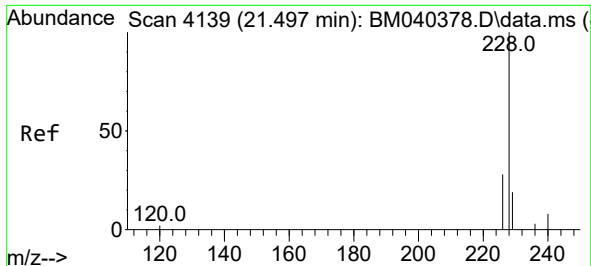
Ion Ratio Lower Upper

202 100

101 15.1 12.6 18.8

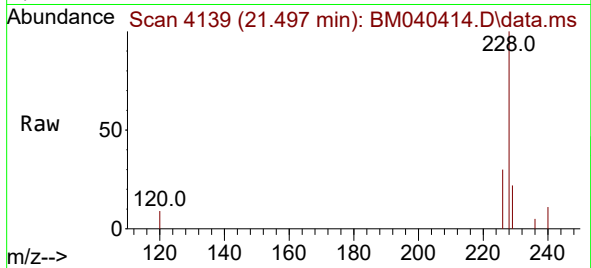
100 11.9 9.8 14.6



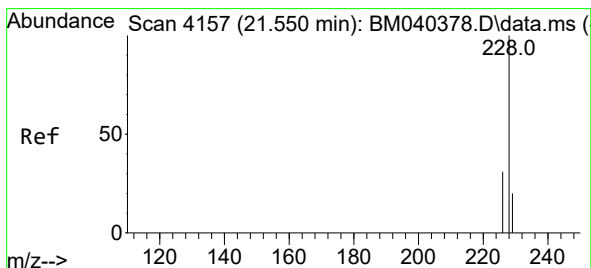
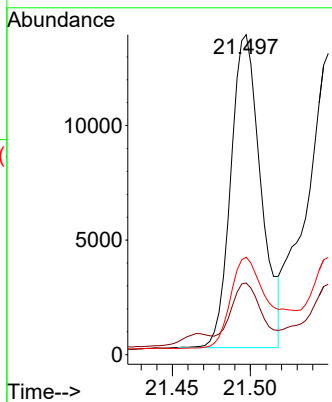
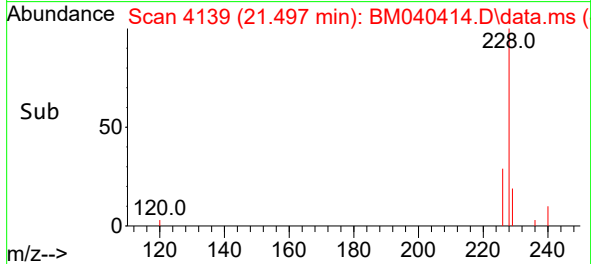


#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53

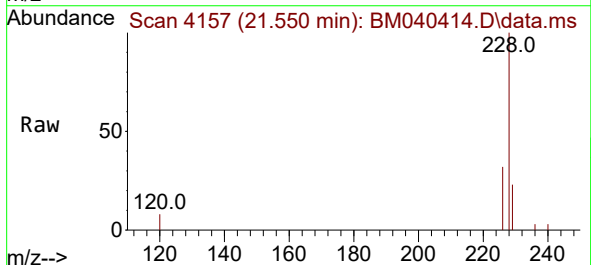
Instrument :
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ClientSampleId :
DCFN2DL



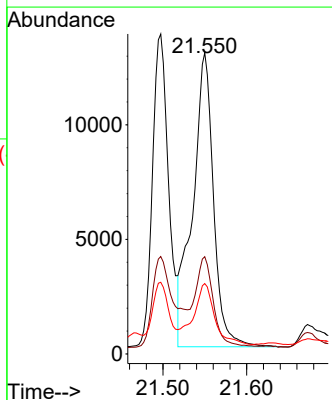
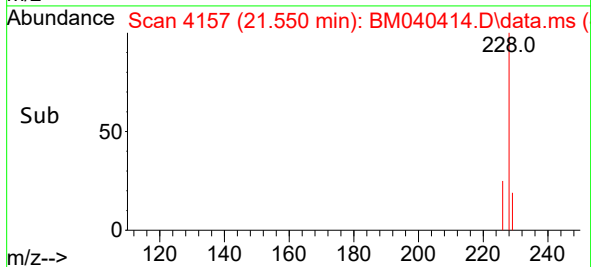
Tgt Ion:228 Resp: 18329
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 30.5 22.3 33.5

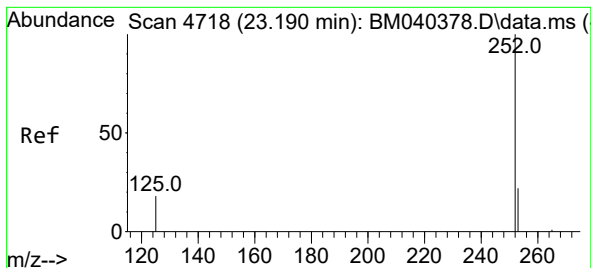


#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040414.D
Acq: 26 Jun 2023 22:53



Tgt Ion:228 Resp: 22226
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 23.3 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.640 ng/ul

RT: 23.193 min Scan# 4718

Delta R.T. 0.000 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

Instrument :

BNA_M

ClientSampleId :

DCFN2DL

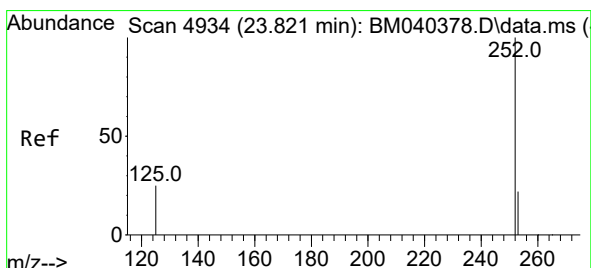
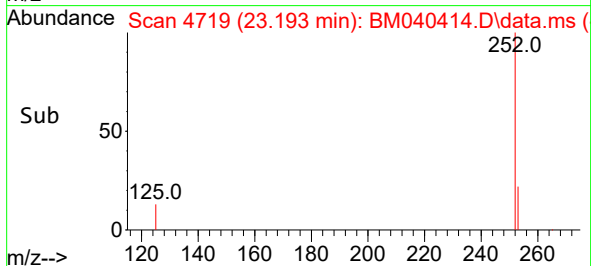
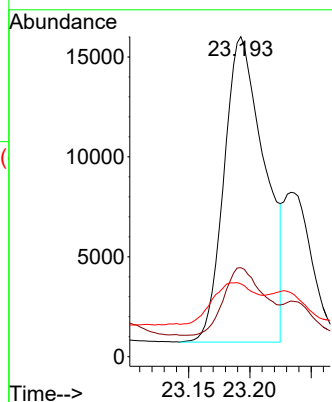
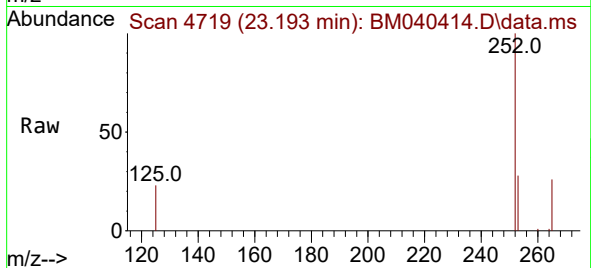
Tgt Ion:252 Resp: 35115

Ion Ratio Lower Upper

252 100

253 27.8 0.0 52.8

125 22.8 0.0 43.0



#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.821 min Scan# 4934

Delta R.T. -0.003 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

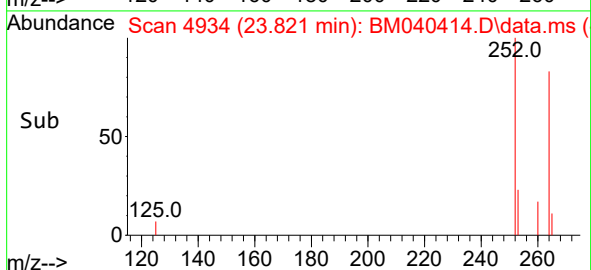
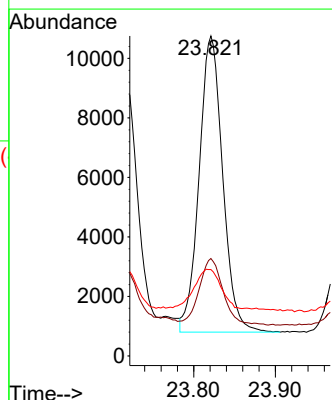
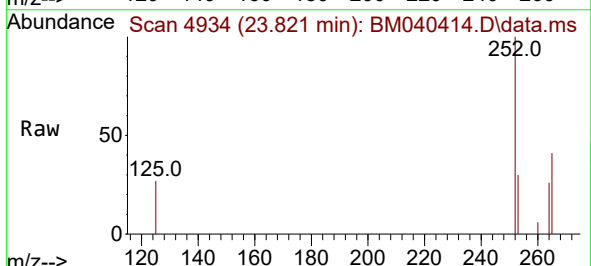
Tgt Ion:252 Resp: 19987

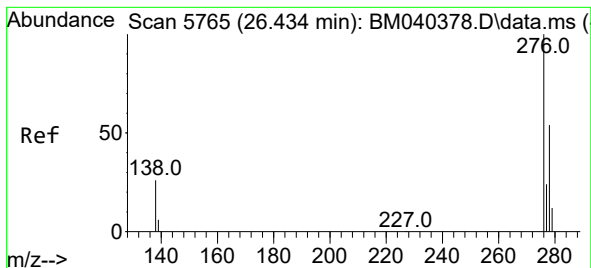
Ion Ratio Lower Upper

252 100

253 30.4 22.9 34.3

125 27.0 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.285 ng/ul

RT: 26.434 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

Instrument :

BNA_M

ClientSampleId :

DCFN2DL

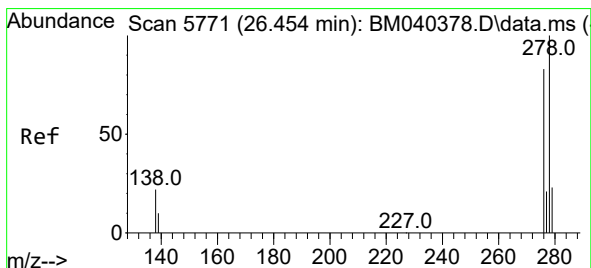
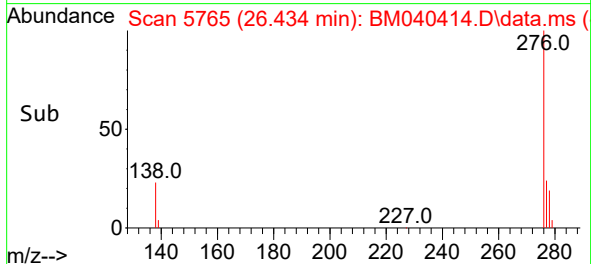
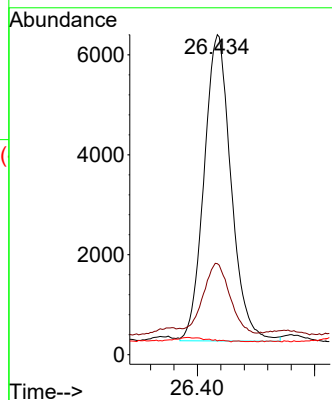
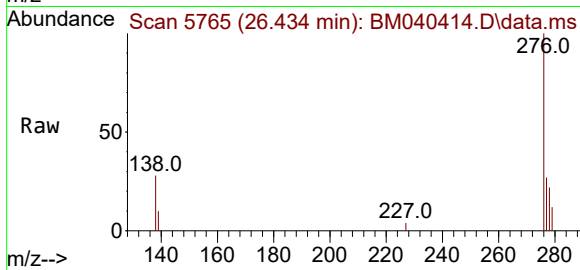
Tgt Ion:276 Resp: 19633

Ion Ratio Lower Upper

276 100

138 23.5 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.088 ng/ul

RT: 26.444 min Scan# 5768

Delta R.T. -0.010 min

Lab File: BM040414.D

Acq: 26 Jun 2023 22:53

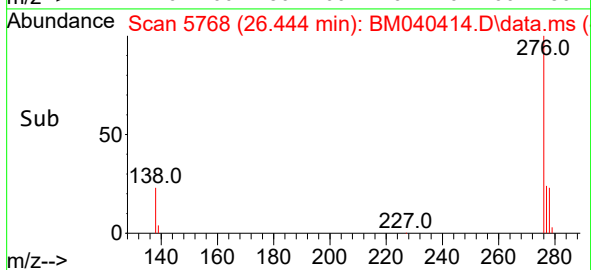
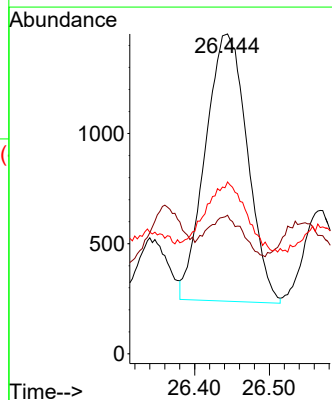
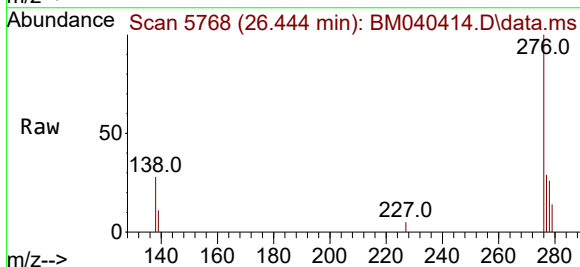
Tgt Ion:278 Resp: 4729

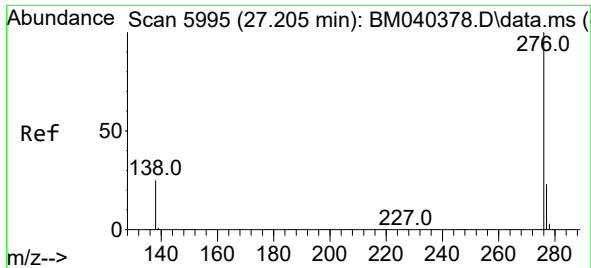
Ion Ratio Lower Upper

278 100

139 43.3 17.9 26.9#

279 53.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.323 ng/ul
 RT: 27.209 min Scan# 5996
 Delta R.T. 0.003 min
 Lab File: BM040414.D
 Acq: 26 Jun 2023 22:53

Instrument :
 BNA_M
 ClientSampleId :
 DCFN2DL

Tgt Ion:276 Resp: 19478
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.0 34.6
 277 27.5 20.3 30.5

