

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040447.D
 Acq On : 29 Jun 2023 21:05
 Operator : MA/JU
 Sample : 03143-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU8DL

Quant Time: Jun 30 03:07:26 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)

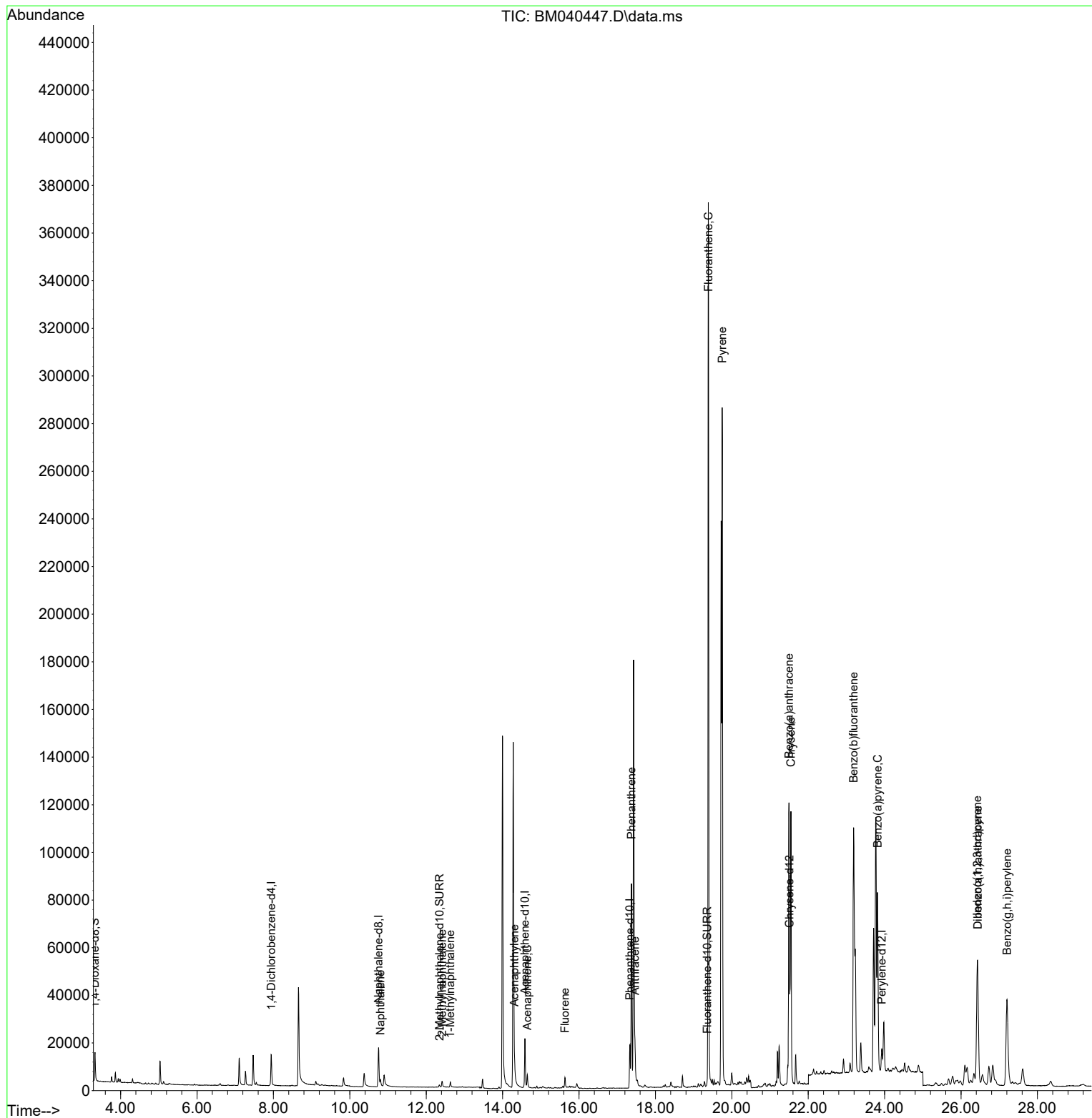
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7286	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	26551	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	12420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	23790	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13800	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	7284	0.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1679	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2511	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	3750	0.051	ng/ul#	88
7) 2-Methylnaphthalene	12.417	142	2375	0.055	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	1737	0.040	ng/ul	98
10) Acenaphthylene	14.309	152	5715	0.103	ng/ul#	94
11) Acenaphthene	14.647	153	3380	0.072	ng/ul	97
12) Fluorene	15.632	166	3014	0.060	ng/ul#	96
15) Phenanthrene	17.370	178	98726	1.336	ng/ul	99
16) Anthracene	17.463	178	12159	0.196	ng/ul	98
19) Fluoranthene	19.384	202	322615	5.504	ng/ul	96
20) Pyrene	19.747	202	241729	3.846	ng/ul	99
21) Benzo(a)anthracene	21.494	228	104376	2.236	ng/ul	99
22) Chrysene	21.547	228	123506	2.320	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	183323	3.526	ng/ul	90
26) Benzo(a)pyrene	23.815	252	108329	2.313	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.427	276	95186	1.459	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.441	278	22367	0.438	ng/ul	95
29) Benzo(g,h,i)perylene	27.202	276	86671	1.516	ng/ul	96

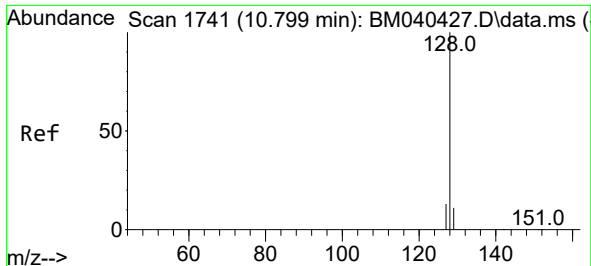
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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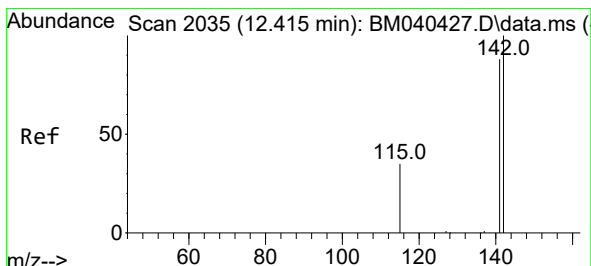
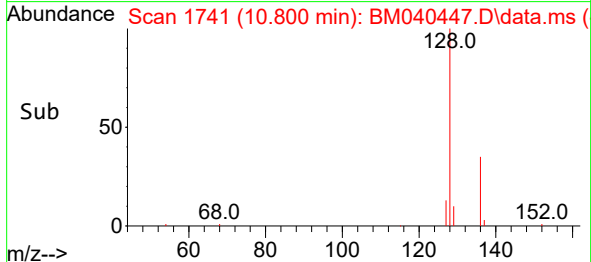
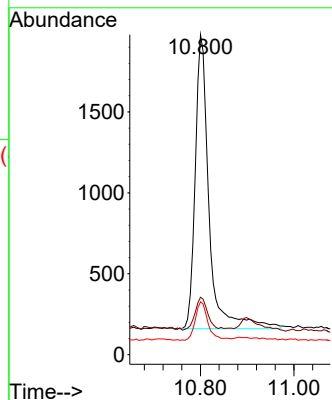
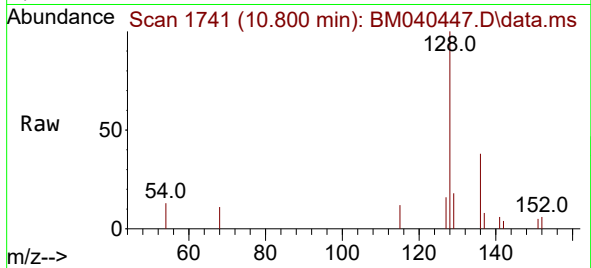




#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

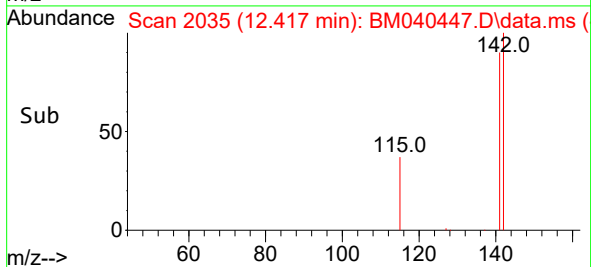
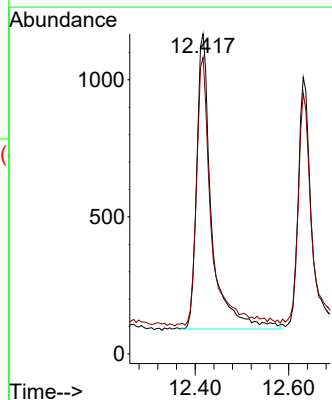
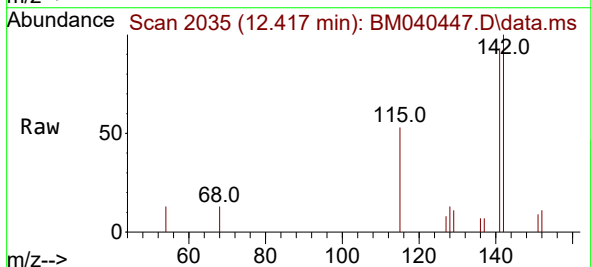
Instrument :
BNA_M
ClientSampleId :
DCFU8DL

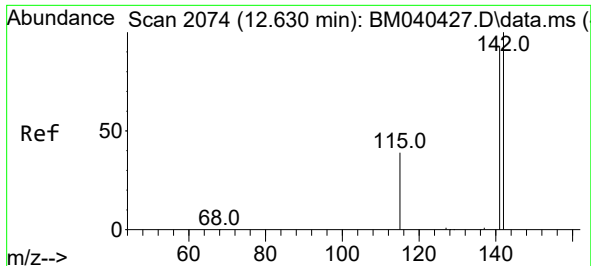
Tgt Ion:128 Resp: 3750
Ion Ratio Lower Upper
128 100
129 18.0 9.2 13.8#
127 16.5 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

Tgt Ion:142 Resp: 2375
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9

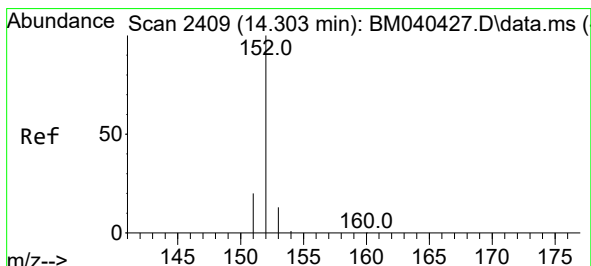
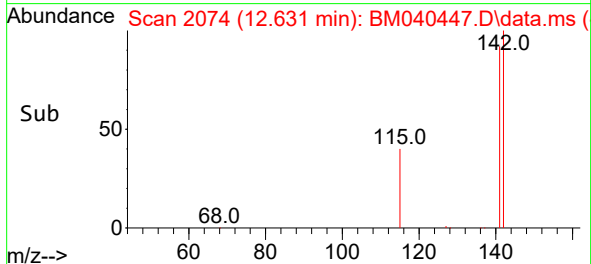
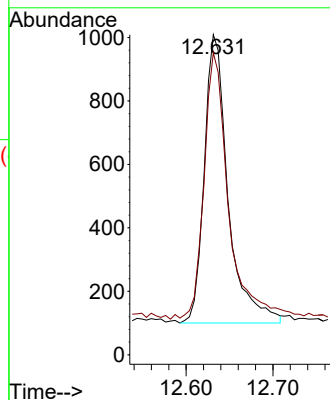
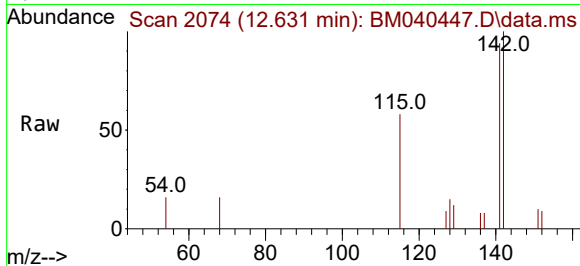




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

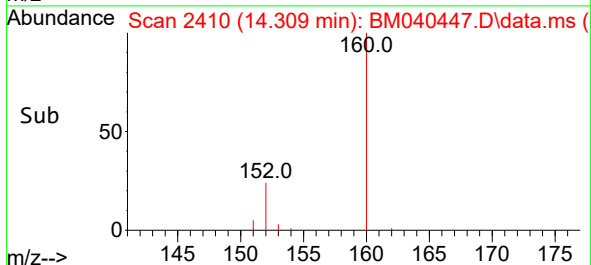
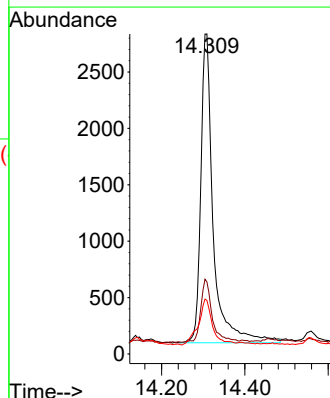
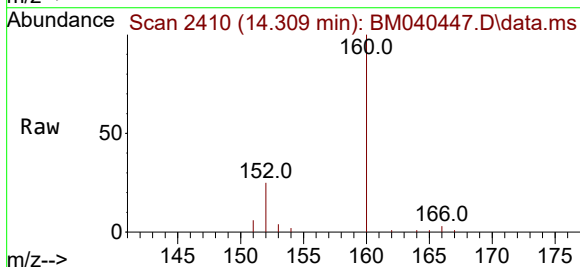
Instrument :
BNA_M
ClientSampleId :
DCFU8DL

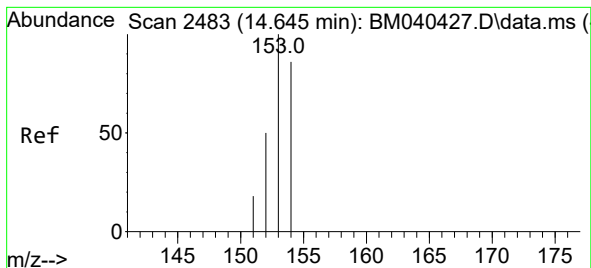
Tgt Ion:142 Resp: 1737
Ion Ratio Lower Upper
142 100
141 94.4 73.7 110.5



#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

Tgt Ion:152 Resp: 5715
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2
153 16.7 10.9 16.3#





#11

Acenaphthene

Concen: 0.072 ng/ul

RT: 14.647 min Scan# 2483

Delta R.T. -0.009 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

Instrument :

BNA_M

ClientSampleId :

DCFU8DL

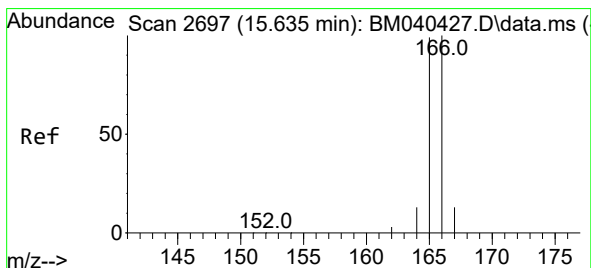
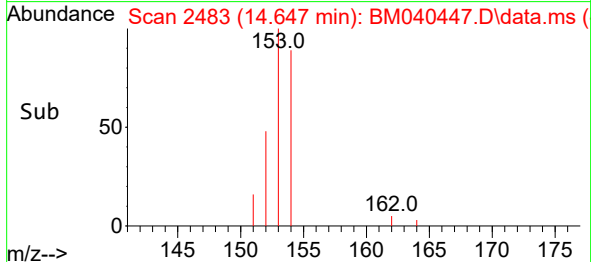
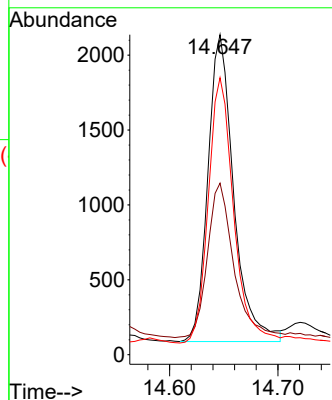
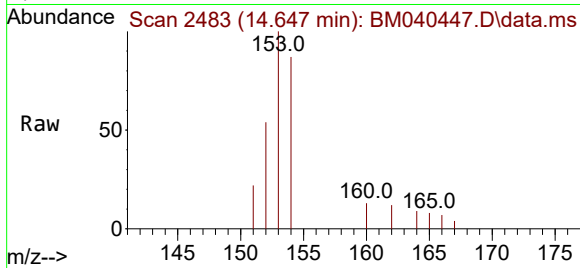
Tgt Ion:153 Resp: 3380

Ion Ratio Lower Upper

153 100

152 53.6 41.0 61.4

154 86.6 70.8 106.2



#12

Fluorene

Concen: 0.060 ng/ul

RT: 15.632 min Scan# 2696

Delta R.T. -0.009 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

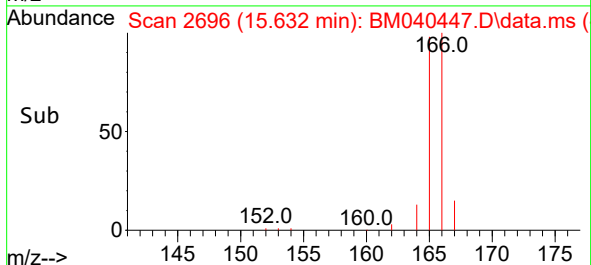
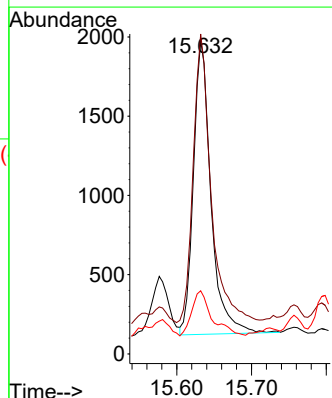
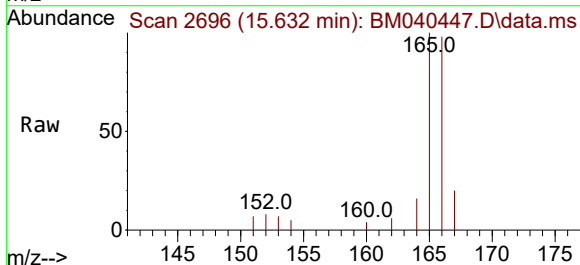
Tgt Ion:166 Resp: 3014

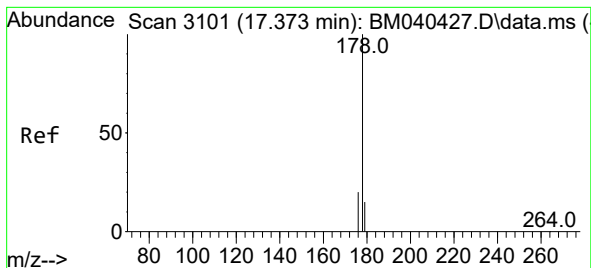
Ion Ratio Lower Upper

166 100

165 102.1 79.6 119.4

167 20.1 11.4 17.0#





#15

Phenanthrene

Concen: 1.336 ng/ul

RT: 17.370 min Scan# 3100

Delta R.T. -0.008 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

Instrument :

BNA_M

ClientSampleId :

DCFU8DL

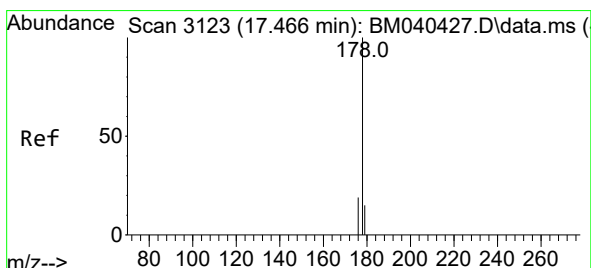
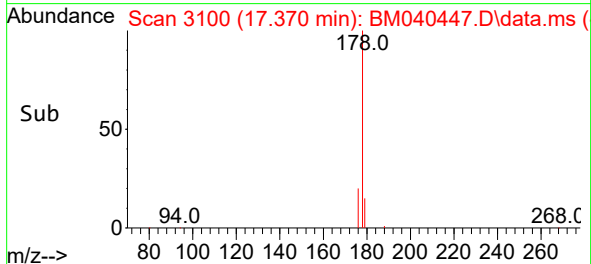
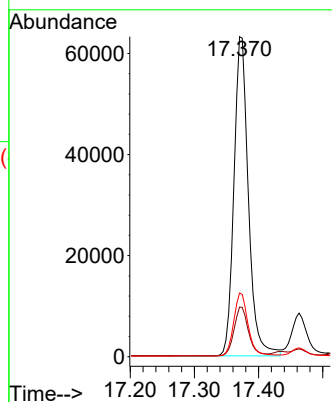
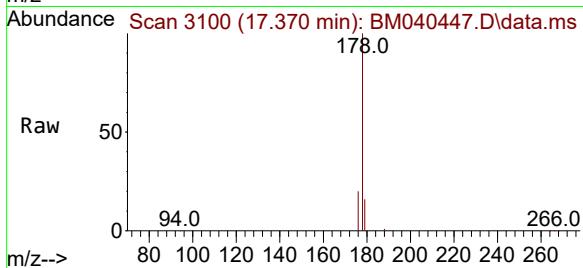
Tgt Ion:178 Resp: 98726

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 19.9 16.4 24.6



#16

Anthracene

Concen: 0.196 ng/ul

RT: 17.463 min Scan# 3122

Delta R.T. -0.008 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

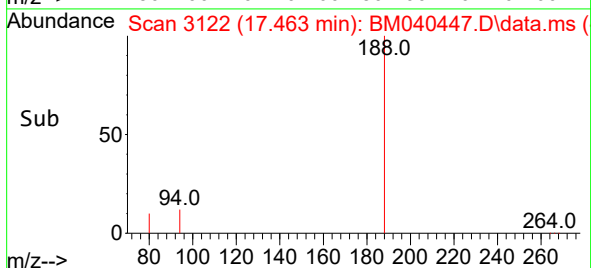
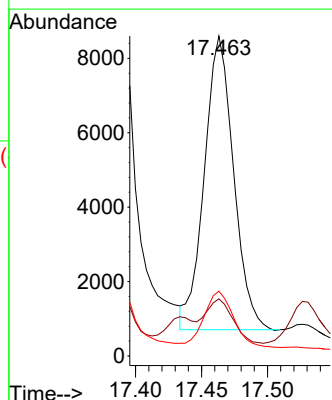
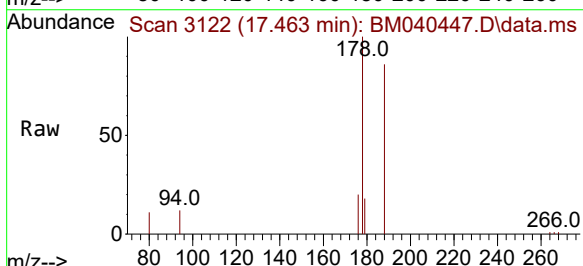
Tgt Ion:178 Resp: 12159

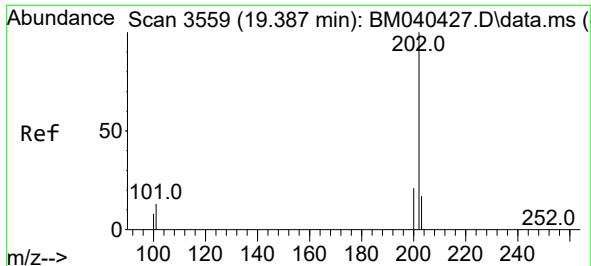
Ion Ratio Lower Upper

178 100

179 17.8 12.9 19.3

176 20.2 15.8 23.6

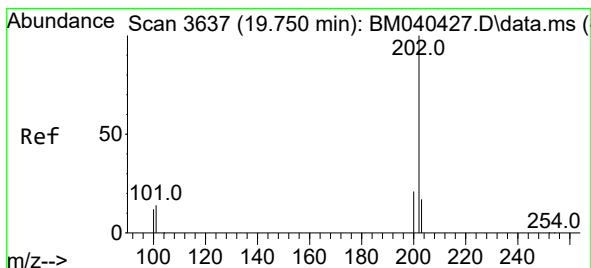
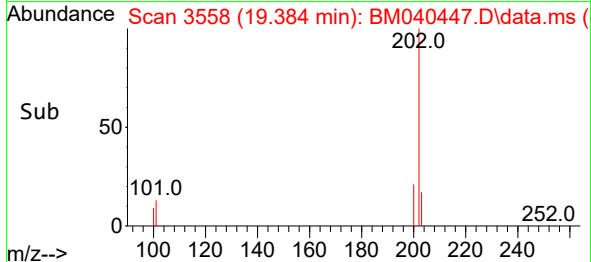
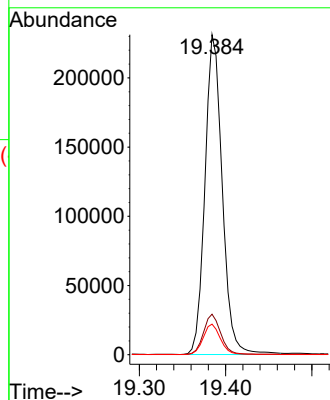
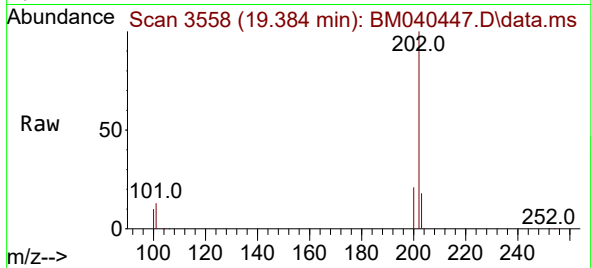




#19
Fluoranthene
Concen: 5.504 ng/ul
RT: 19.384 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

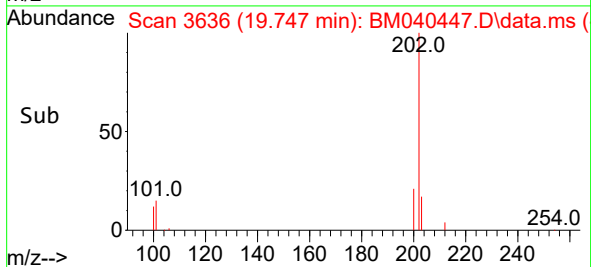
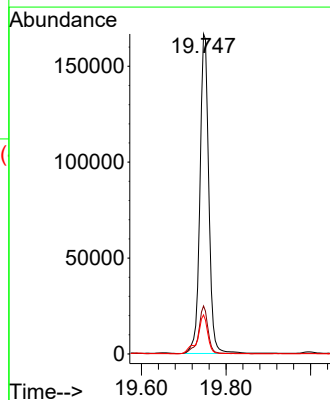
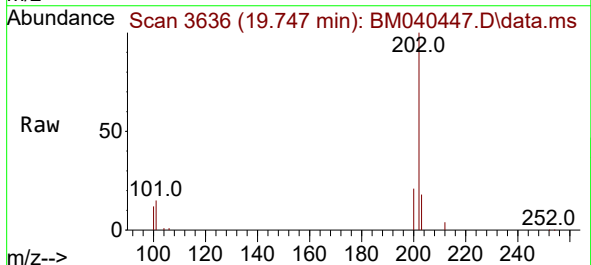
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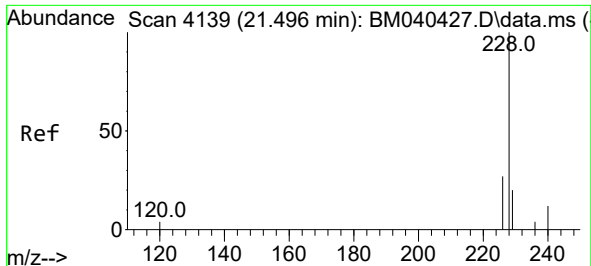
Tgt Ion:202 Resp: 322615
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.6 8.7 13.1



#20
Pyrene
Concen: 3.846 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

Tgt Ion:202 Resp: 241729
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.2 9.8 14.6

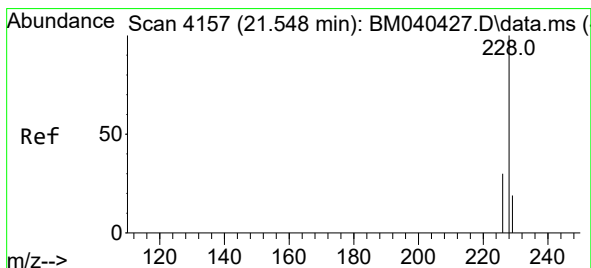
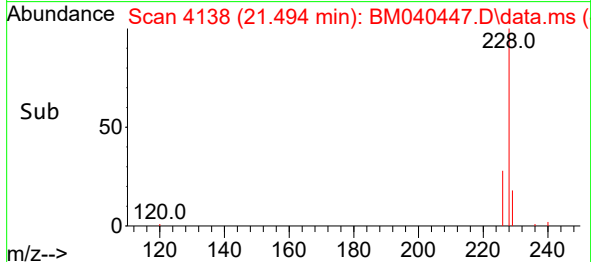
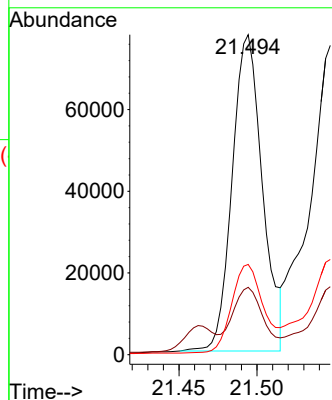
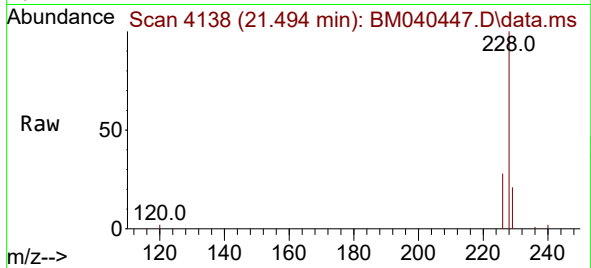




#21
Benzo(a)anthracene
Concen: 2.236 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

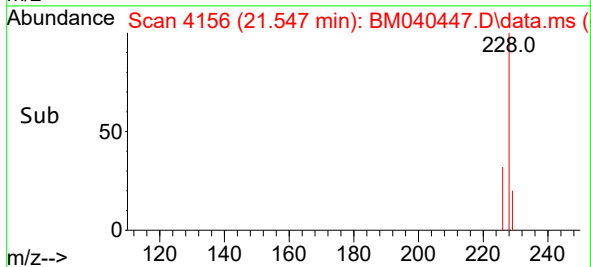
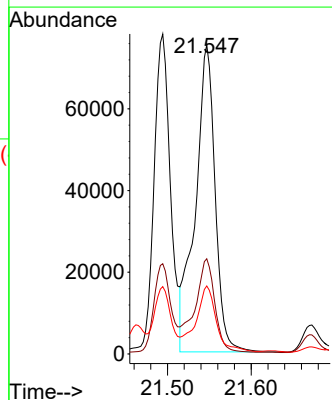
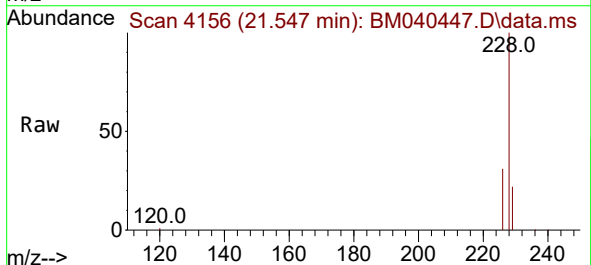
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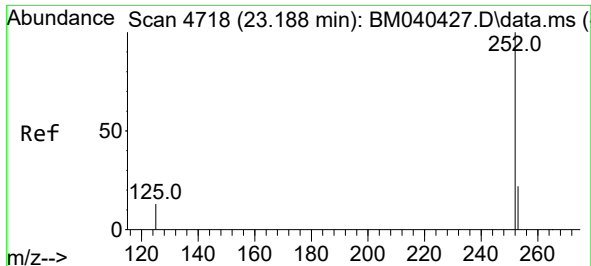
Tgt Ion:228 Resp: 104376
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.2 22.3 33.5



#22
Chrysene
Concen: 2.320 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

Tgt Ion:228 Resp: 123506
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.0 15.8 23.6

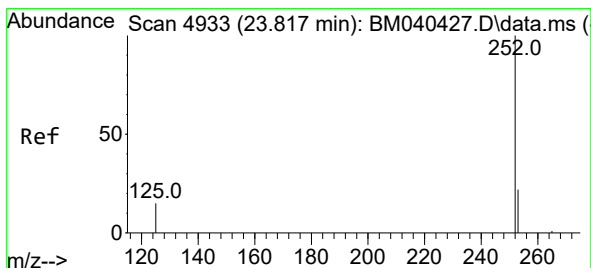
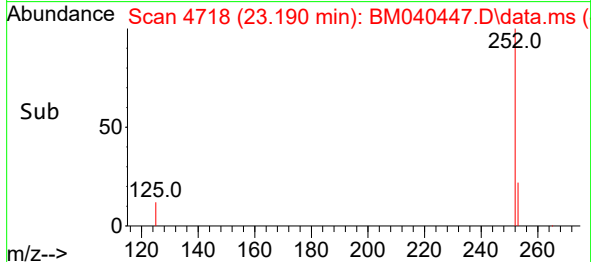
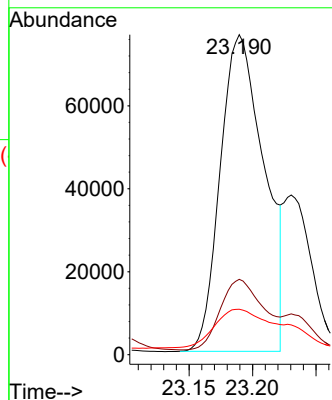
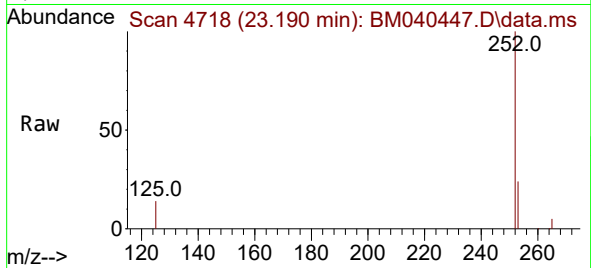




#24
Benzo(b)fluoranthene
Concen: 3.526 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

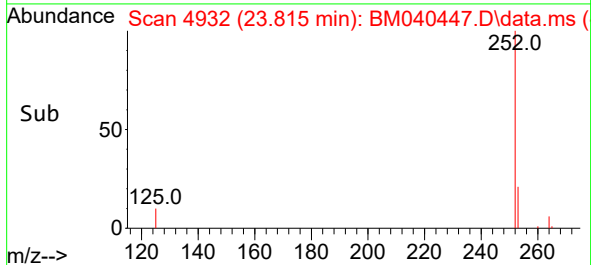
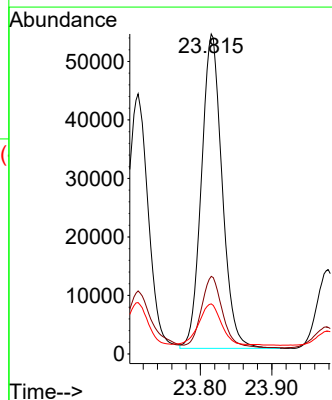
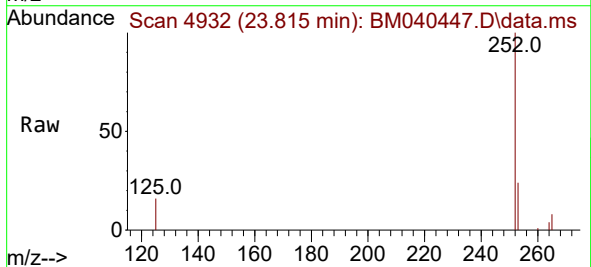
Instrument :
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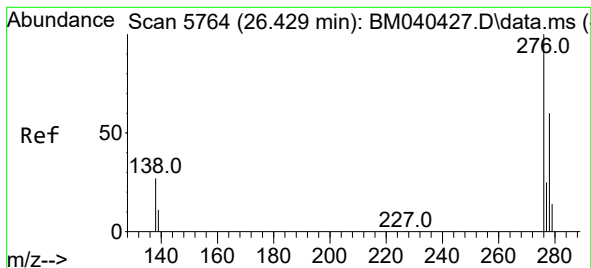
Tgt Ion:252 Resp: 183323
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 14.2 0.0 43.0



#26
Benzo(a)pyrene
Concen: 2.313 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040447.D
Acq: 29 Jun 2023 21:05

Tgt Ion:252 Resp: 108329
Ion Ratio Lower Upper
252 100
253 24.2 22.9 34.3
125 15.7 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.459 ng/ul

RT: 26.427 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

Instrument :

BNA_M

ClientSampleId :

DCFU8DL

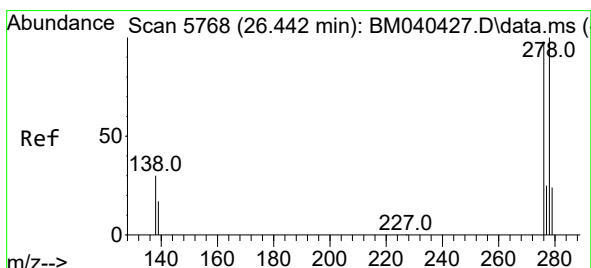
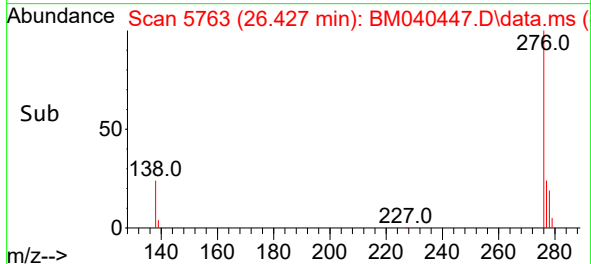
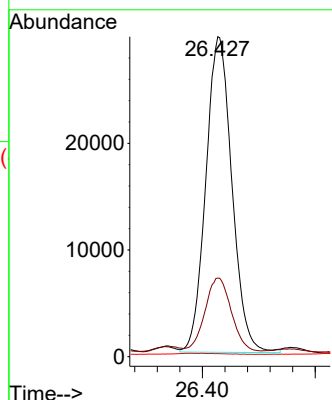
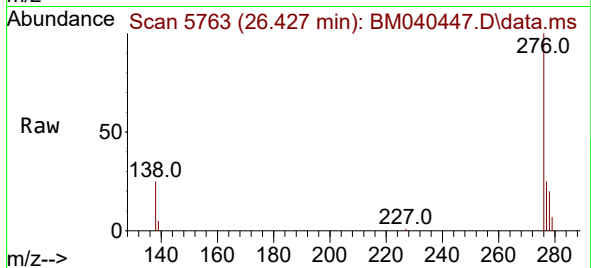
Tgt Ion:276 Resp: 95186

Ion Ratio Lower Upper

276 100

138 23.7 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.438 ng/ul

RT: 26.441 min Scan# 5767

Delta R.T. -0.013 min

Lab File: BM040447.D

Acq: 29 Jun 2023 21:05

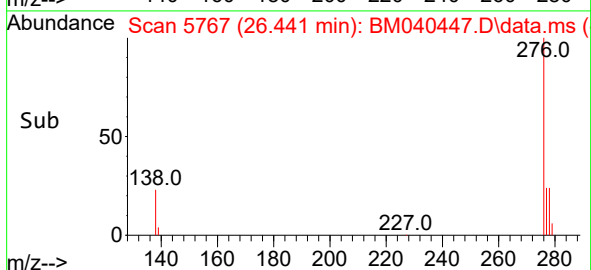
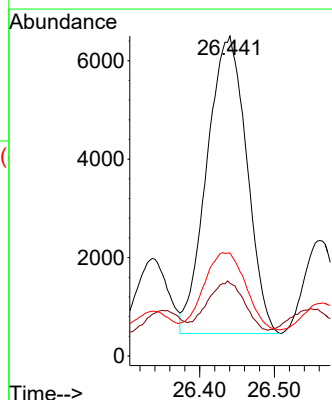
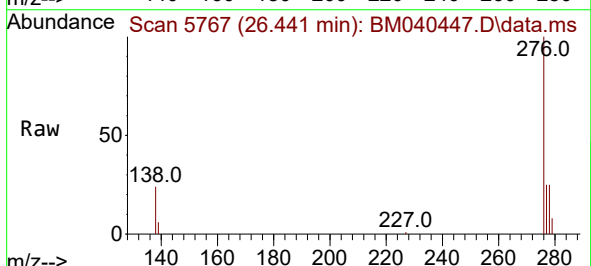
Tgt Ion:278 Resp: 22367

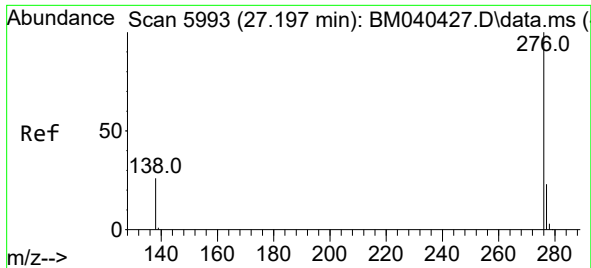
Ion Ratio Lower Upper

278 100

139 22.7 17.9 26.9

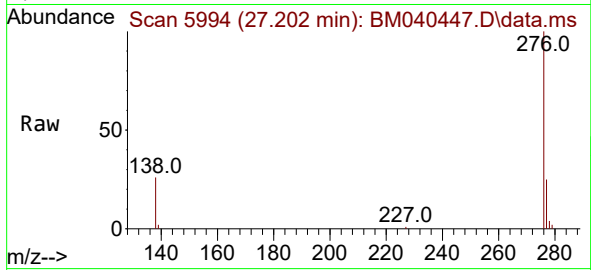
279 32.2 22.0 33.0





#29
 Benzo(g,h,i)perylene
 Concen: 1.516 ng/ul
 RT: 27.202 min Scan# 5994
 Delta R.T. -0.003 min
 Lab File: BM040447.D
 Acq: 29 Jun 2023 21:05

Instrument :
 BNA_M
 ClientSampleId :
 DCFU8DL



Tgt Ion:276 Resp: 86671
 Ion Ratio Lower Upper
 276 100
 138 25.6 23.0 34.6
 277 24.6 20.3 30.5

