

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041860.D
 Acq On : 14 Sep 2023 10:06
 Operator : MA/JU
 Sample : 04175-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYG5

Quant Time: Sep 15 00:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

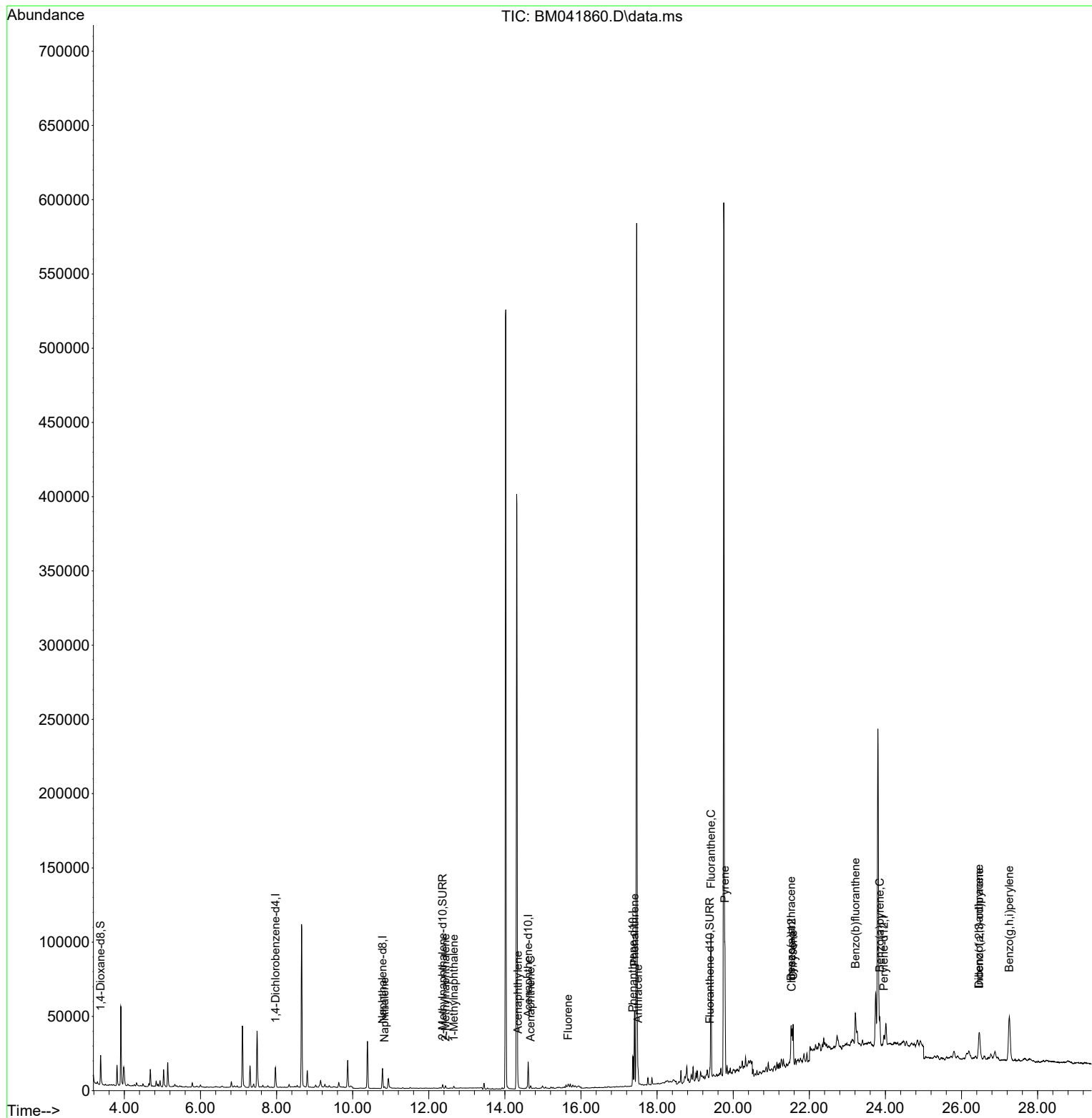
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	6566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	17437	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	21393	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	8273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	8786	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	12266	1.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3054	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	6056	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	1225	0.021	ng/ul#	70
7) 2-Methylnaphthalene	12.440	142	1268	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	908	0.025	ng/ul	97
10) Acenaphthylene	14.342	152	4539	0.078	ng/ul#	90
11) Acenaphthene	14.675	153	1129	0.025	ng/ul#	89
12) Fluorene	15.661	166	1528	0.029	ng/ul#	83
15) Phenanthrene	17.405	178	52632	0.564	ng/ul	99
16) Anthracene	17.497	178	11149	0.137	ng/ul#	92
19) Fluoranthene	19.417	202	81439	1.271	ng/ul	98
20) Pyrene	19.784	202	70515	1.051	ng/ul	99
21) Benzo(a)anthracene	21.521	228	20602	0.377	ng/ul#	73
22) Chrysene	21.574	228	20523	0.367	ng/ul#	76
24) Benzo(b)fluoranthene	23.213	252	36667	0.587	ng/ul#	32
26) Benzo(a)pyrene	23.851	252	26614	0.558	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.468	276	31964	0.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.461	278	9793	0.181	ng/ul#	1
29) Benzo(g,h,i)perylene	27.256	276	64937	1.047	ng/ul#	81

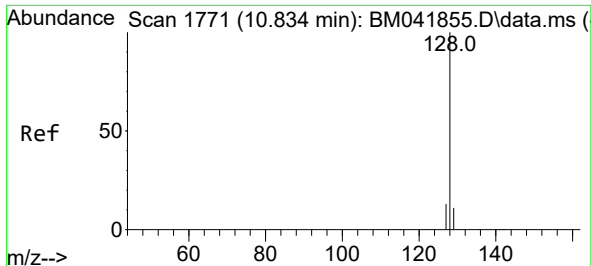
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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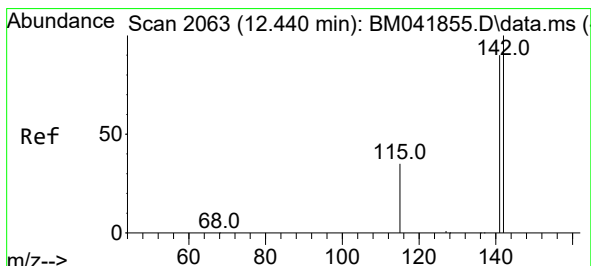
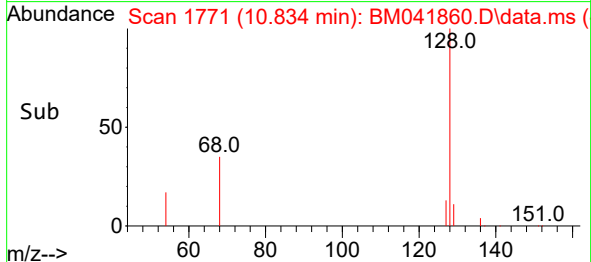
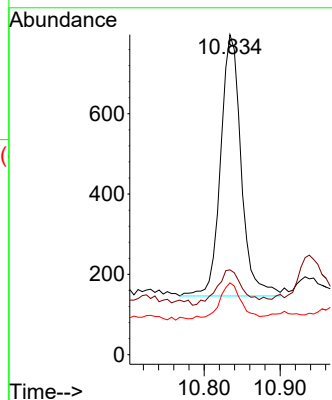
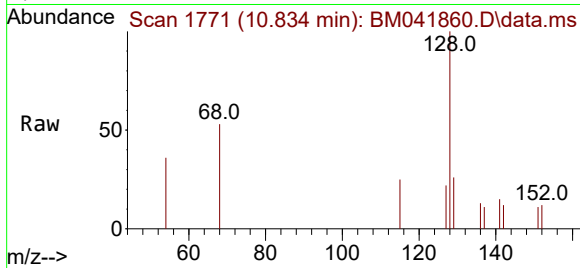




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

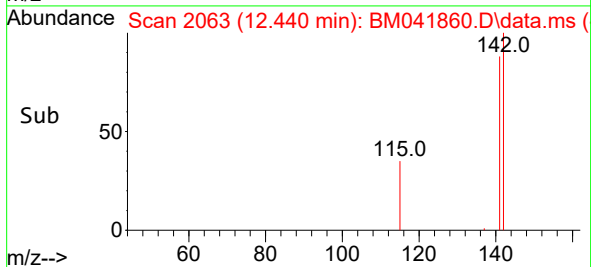
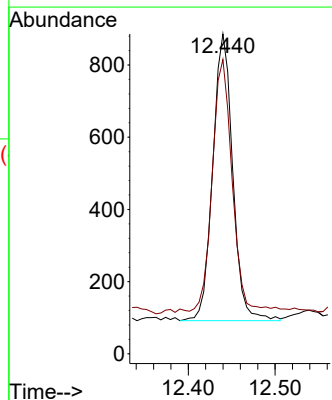
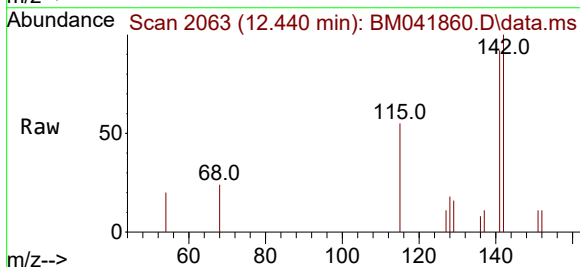
Instrument :
BNA_M
ClientSampleId :
EZYG5

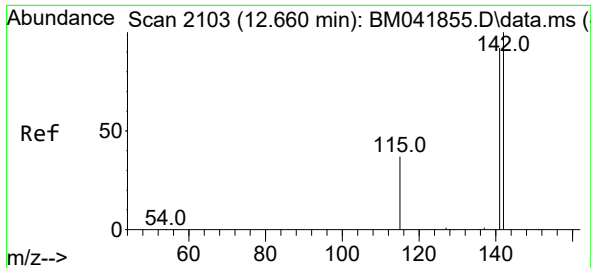
Tgt Ion:128 Resp: 1225
Ion Ratio Lower Upper
128 100
129 26.5 9.5 14.3#
127 22.5 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Tgt Ion:142 Resp: 1268
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1

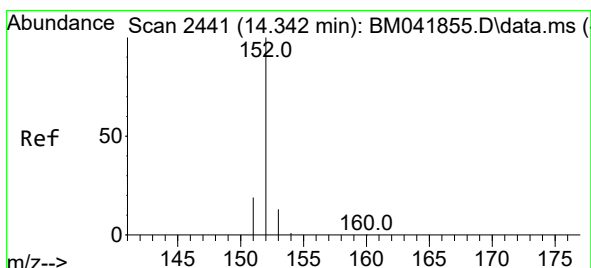
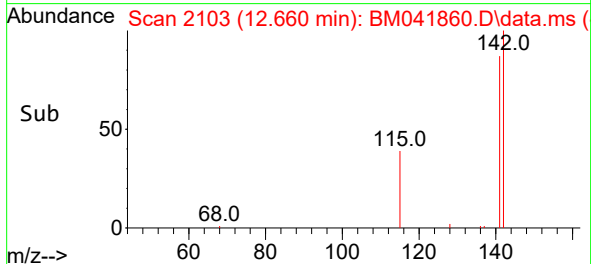
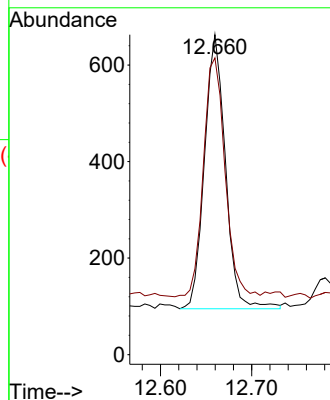
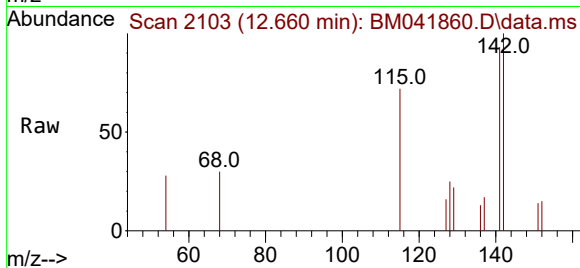




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

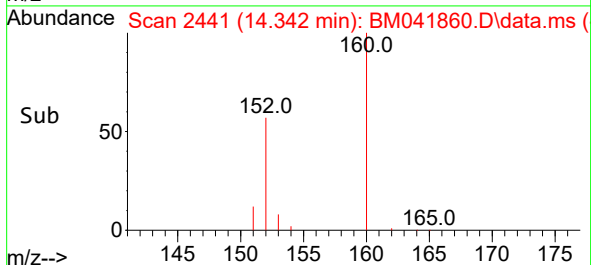
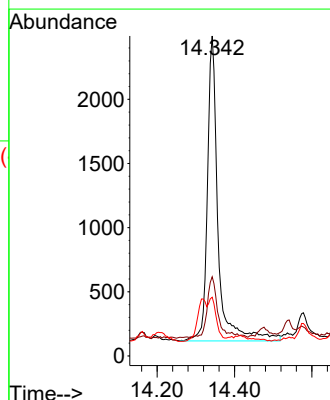
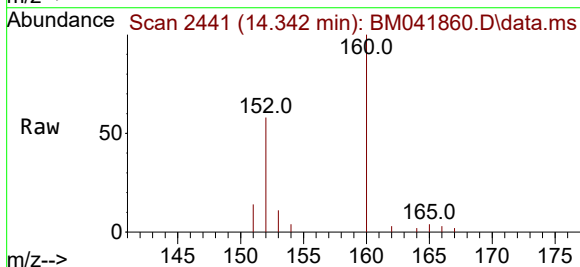
Instrument :
BNA_M
ClientSampleId :
EZYG5

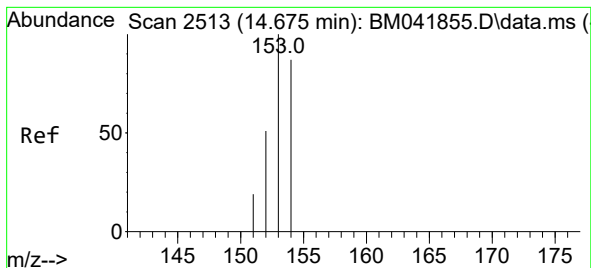
Tgt Ion:142 Resp: 908
Ion Ratio Lower Upper
142 100
141 89.9 74.3 111.5



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Tgt Ion:152 Resp: 4539
Ion Ratio Lower Upper
152 100
151 24.7 16.3 24.5#
153 18.3 10.9 16.3#





#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.675 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNA_M

ClientSampleId :

EZYG5

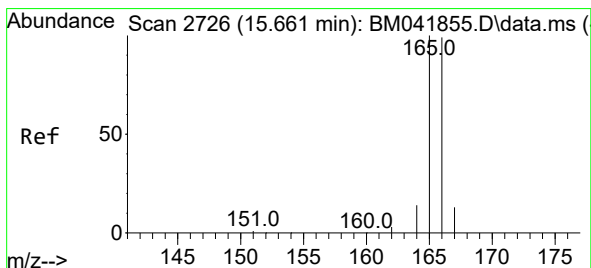
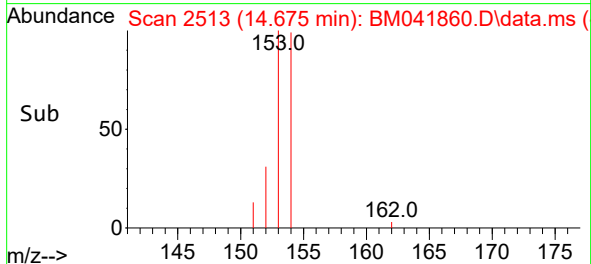
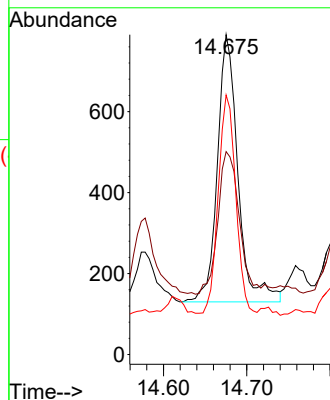
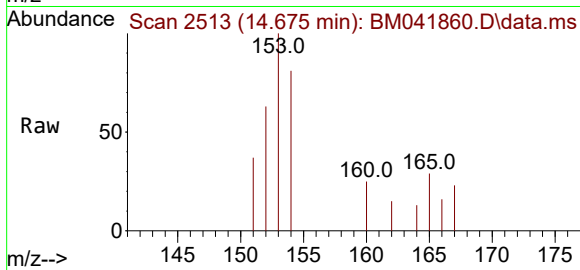
Tgt Ion:153 Resp: 1129

Ion Ratio Lower Upper

153 100

152 63.4 41.5 62.3#

154 81.1 70.7 106.1



#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.661 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

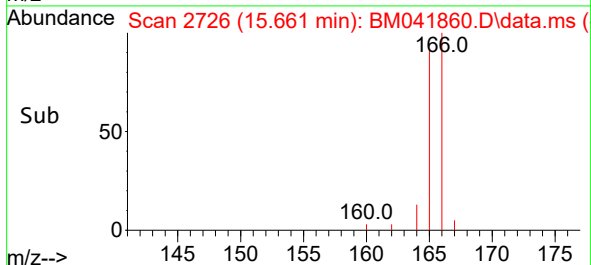
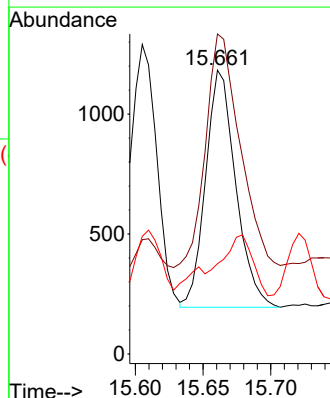
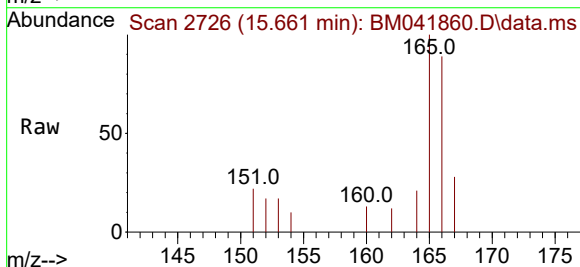
Tgt Ion:166 Resp: 1528

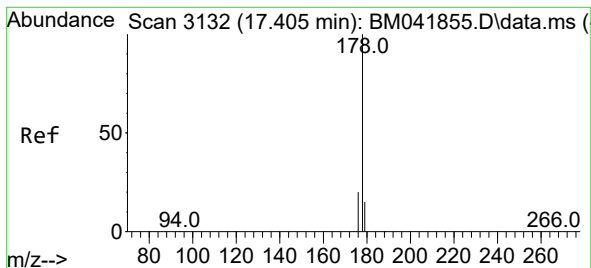
Ion Ratio Lower Upper

166 100

165 112.8 79.3 118.9

167 31.8 11.2 16.8#





#15

Phenanthrene

Concen: 0.564 ng/ul

RT: 17.405 min Scan# 3132

Delta R.T. -0.004 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNA_M

ClientSampleId :

EZYG5

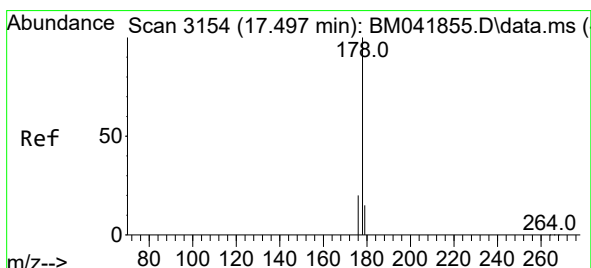
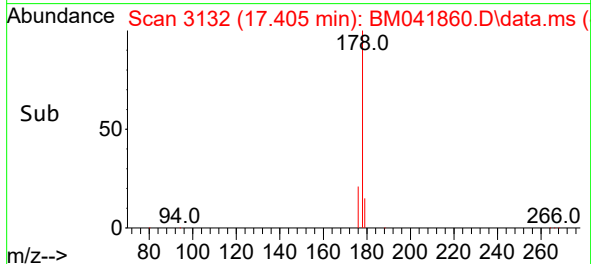
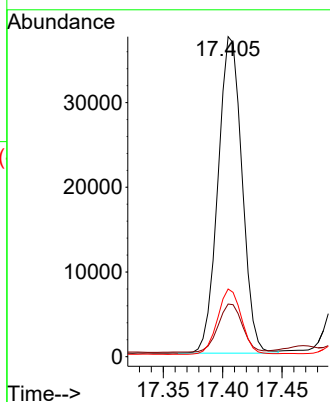
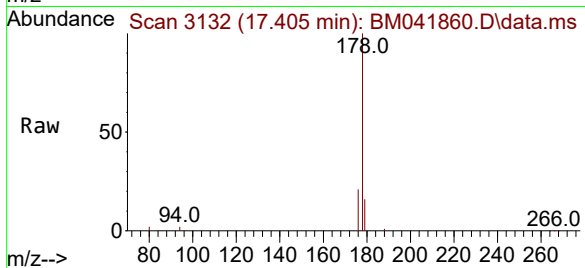
Tgt Ion:178 Resp: 52632

Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

176 21.2 16.6 25.0



#16

Anthracene

Concen: 0.137 ng/ul

RT: 17.497 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

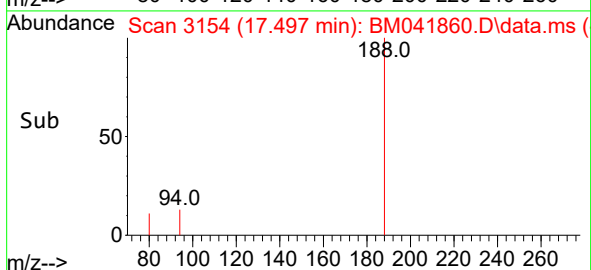
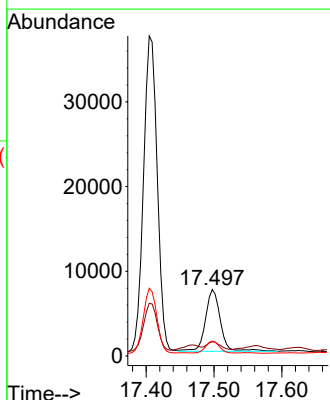
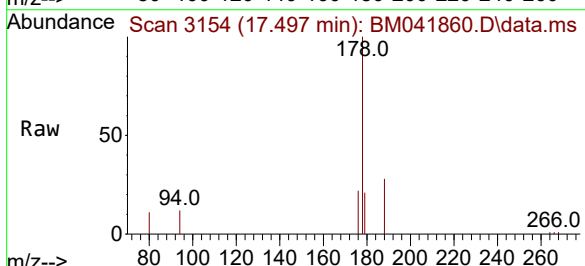
Tgt Ion:178 Resp: 11149

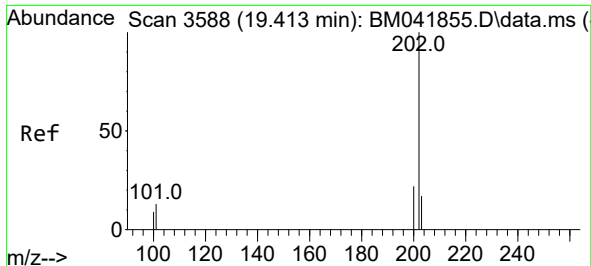
Ion Ratio Lower Upper

178 100

179 21.2 12.7 19.1#

176 22.4 16.1 24.1

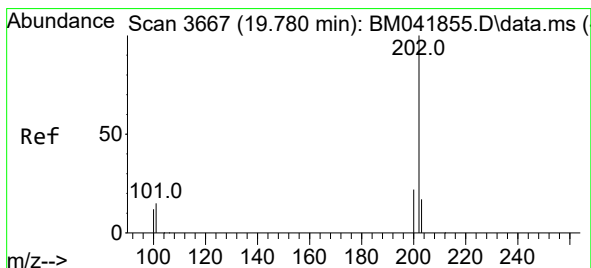
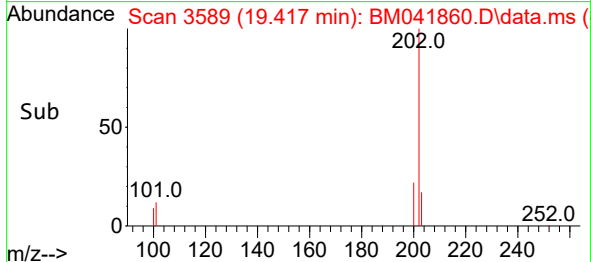
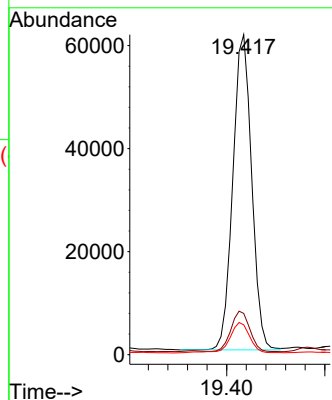
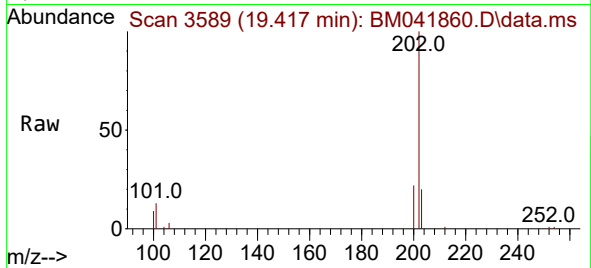




#19
Fluoranthene
Concen: 1.271 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

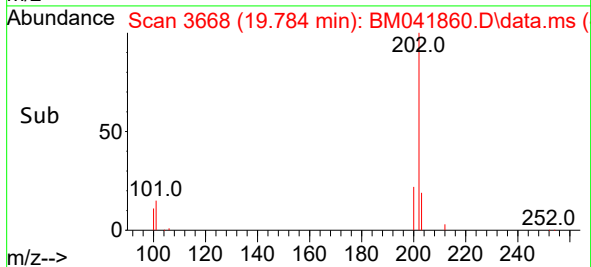
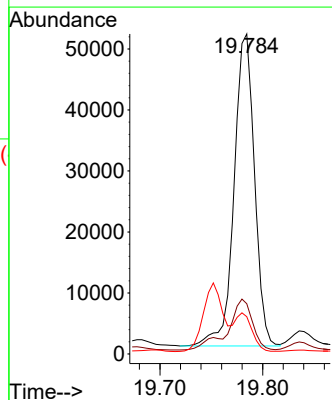
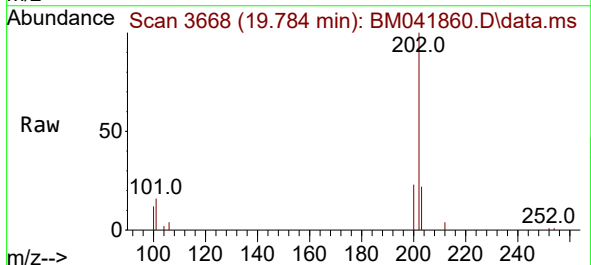
Instrument :
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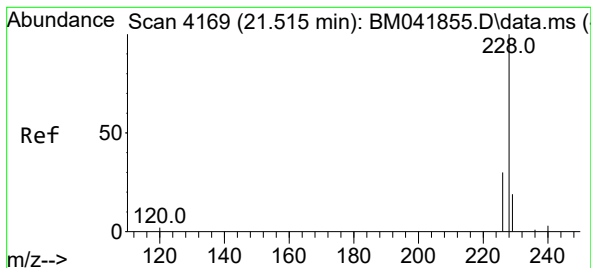
Tgt Ion:202 Resp: 81439
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.6
100 9.4 8.2 12.4



#20
Pyrene
Concen: 1.051 ng/ul
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Tgt Ion:202 Resp: 70515
Ion Ratio Lower Upper
202 100
101 15.7 12.6 19.0
100 11.6 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.377 ng/ul

RT: 21.521 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNA_M

ClientSampleId :

EZYG5

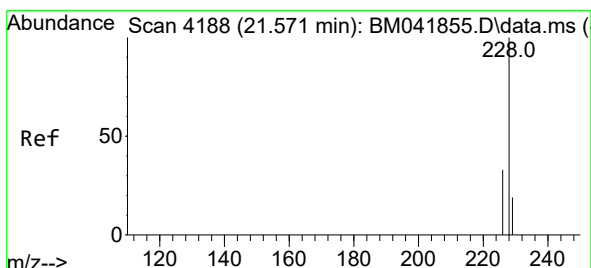
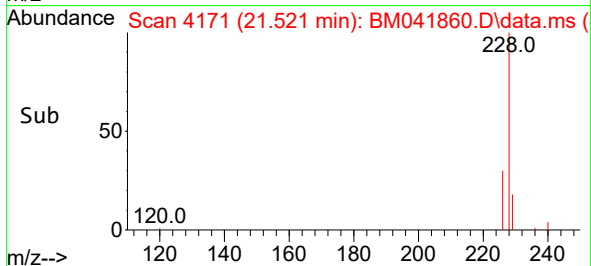
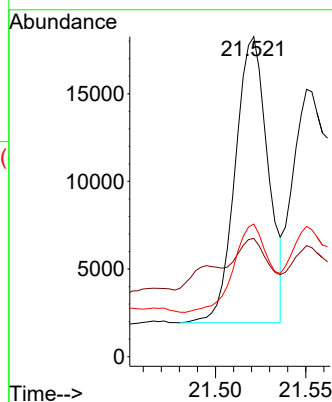
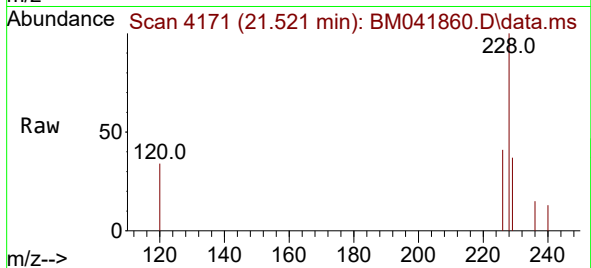
Tgt Ion:228 Resp: 20602

Ion Ratio Lower Upper

228 100

229 37.0 15.8 23.8#

226 41.4 24.3 36.5#



#22

Chrysene

Concen: 0.367 ng/ul

RT: 21.574 min Scan# 4189

Delta R.T. -0.003 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

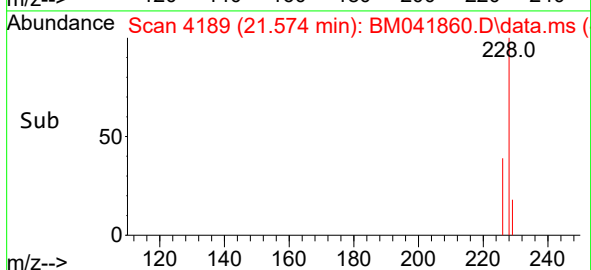
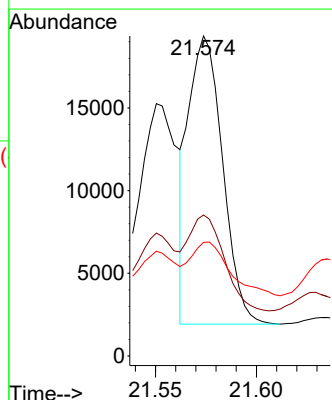
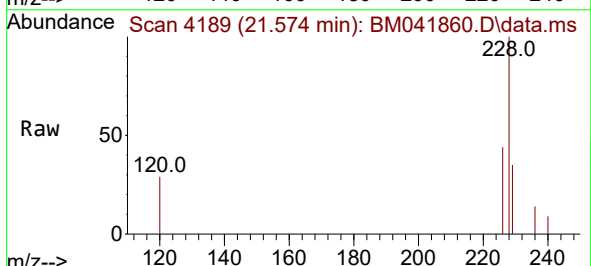
Tgt Ion:228 Resp: 20523

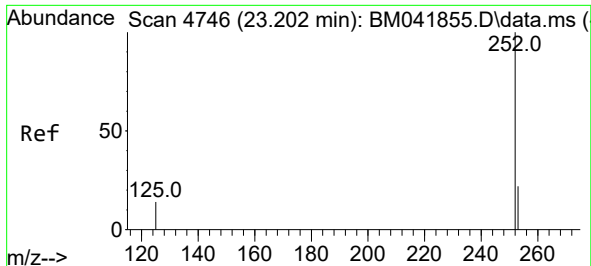
Ion Ratio Lower Upper

228 100

226 44.0 27.0 40.4#

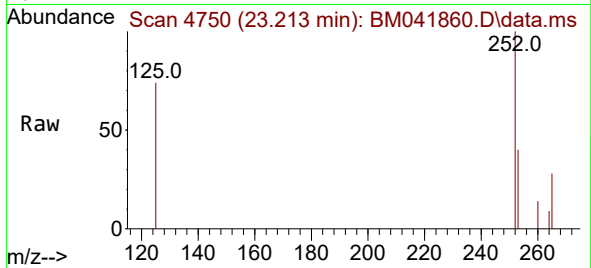
229 35.5 15.7 23.5#



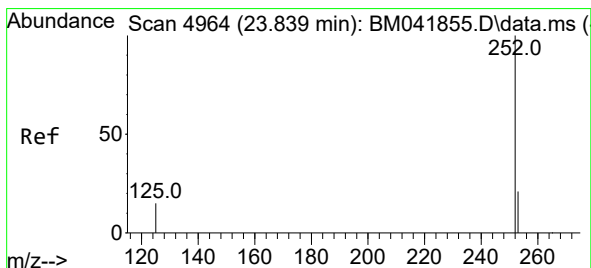
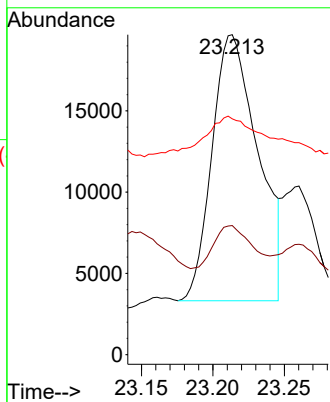
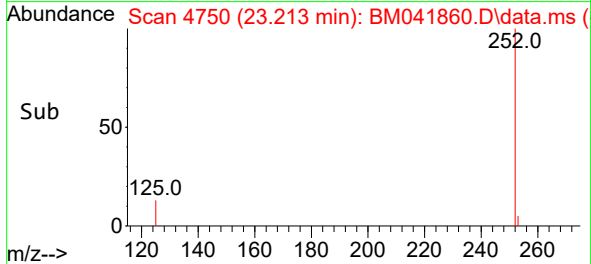


#24
Benzo(b)fluoranthene
Concen: 0.587 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. 0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Instrument :
BNA_M
ClientSampleId :
EZYG5

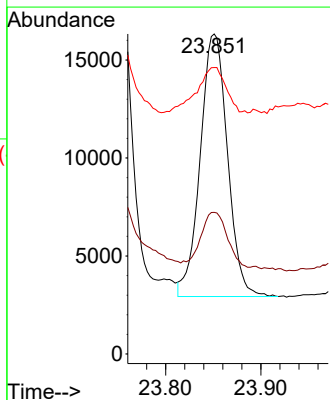
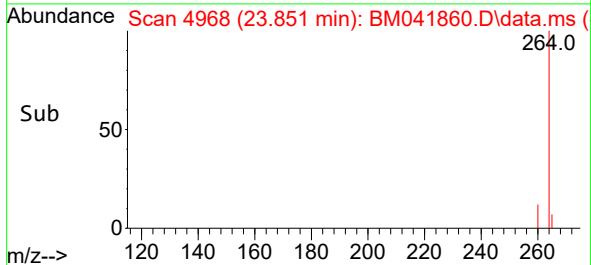
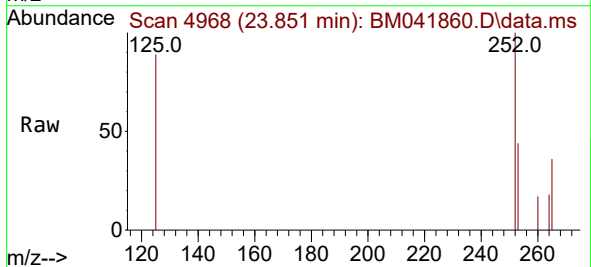


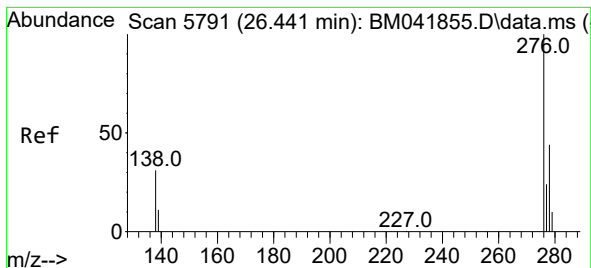
Tgt Ion:252 Resp: 36667
Ion Ratio Lower Upper
252 100
253 40.3 0.0 51.0
125 73.7 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 0.558 ng/ul
RT: 23.851 min Scan# 4968
Delta R.T. 0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Tgt Ion:252 Resp: 26614
Ion Ratio Lower Upper
252 100
253 44.2 21.8 32.8#
125 89.5 18.8 28.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.436 ng/ul

RT: 26.468 min Scan# 5

Delta R.T. 0.013 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNA_M

ClientSampleId :

EZYG5

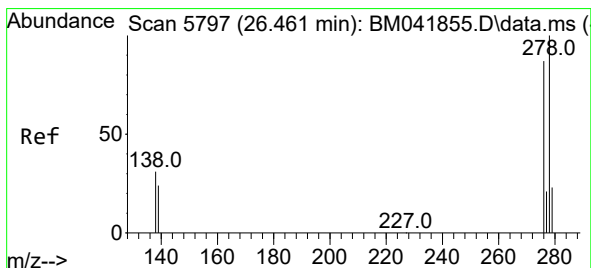
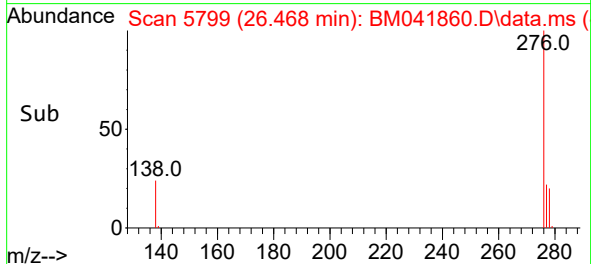
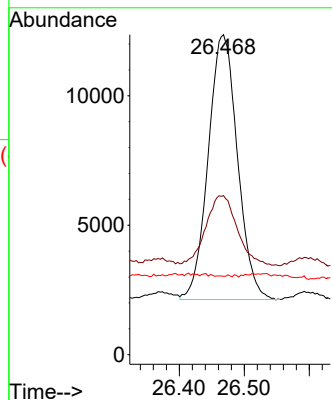
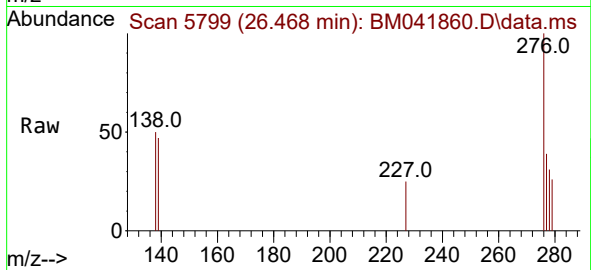
Tgt Ion:276 Resp: 31964

Ion Ratio Lower Upper

276 100

138 28.9 27.7 41.5

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.181 ng/ul

RT: 26.461 min Scan# 5797

Delta R.T. -0.014 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

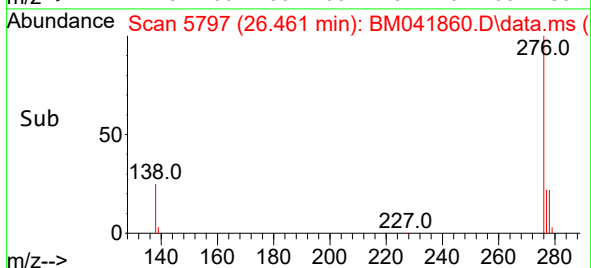
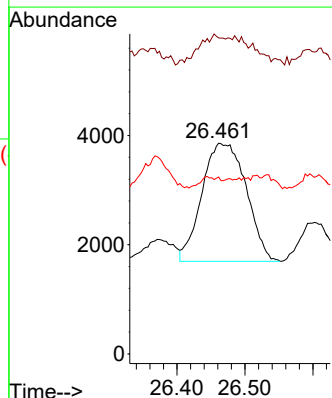
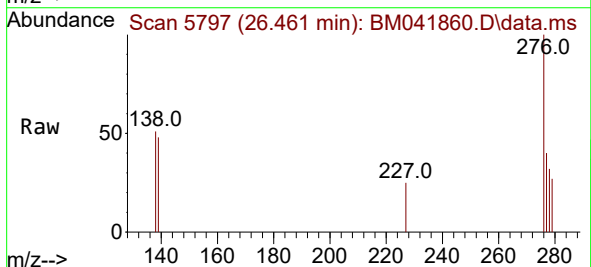
Tgt Ion:278 Resp: 9793

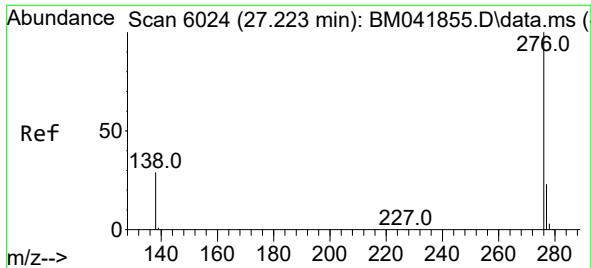
Ion Ratio Lower Upper

278 100

139 149.9 20.9 31.3#

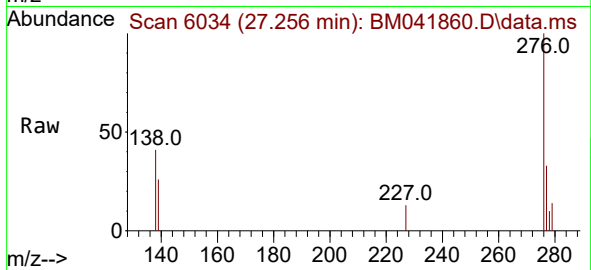
279 84.0 20.3 30.5#





#29
Benzo(g,h,i)perylene
Concen: 1.047 ng/ul
RT: 27.256 min Scan# 6024
Delta R.T. 0.020 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Instrument :
BNA_M
ClientSampleId :
EZYG5



Tgt Ion:276 Resp: 64937
Ion Ratio Lower Upper
276 100
138 41.4 24.7 37.1#
277 33.0 19.3 28.9#

