

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041672.D
 Acq On : 06 Sep 2023 23:34
 Operator : MA/JU
 Sample : 04113-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ1

Quant Time: Sep 07 00:25:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

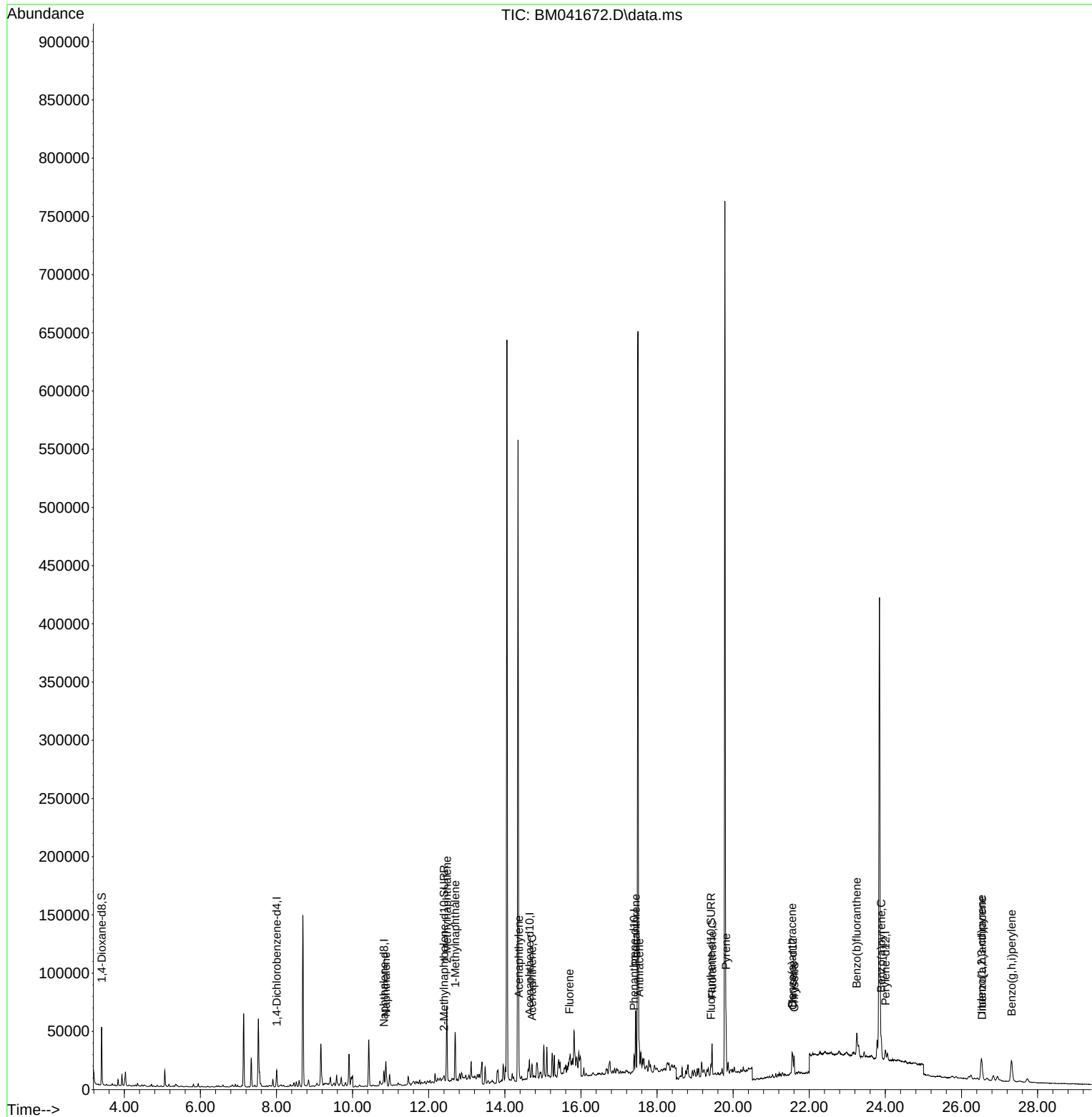
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15252	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.648	164	8908	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	16442	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	9470	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	11291	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	27348	2.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4261	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7354	0.160	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.873	128	28764	0.574	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	45034	1.584	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	26655	0.933	ng/ul	100
10) Acenaphthylene	14.370	152	7505	0.136	ng/ul#	4
11) Acenaphthene	14.712	153	7848	0.183	ng/ul#	81
12) Fluorene	15.698	166	8696	0.181	ng/ul#	72
15) Phenanthrene	17.438	178	56581	0.815	ng/ul#	92
16) Anthracene	17.531	178	24722	0.416	ng/ul#	84
19) Fluoranthene	19.445	202	24316	0.218	ng/ul#	95
20) Pyrene	19.812	202	39811	0.359	ng/ul#	94
21) Benzo(a)anthracene	21.547	228	15211	0.197	ng/ul#	81
22) Chrysene	21.603	228	13224	0.159	ng/ul#	78
24) Benzo(b)fluoranthene	23.249	252	34314	0.340	ng/ul#	1
26) Benzo(a)pyrene	23.892	252	23409	0.285	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.525	276	33229	0.295	ng/ul	93
28) Dibenzo(a,h)anthracene	26.542	278	7120	0.090	ng/ul#	1
29) Benzo(g,h,i)perylene	27.316	276	40858	0.409	ng/ul#	89

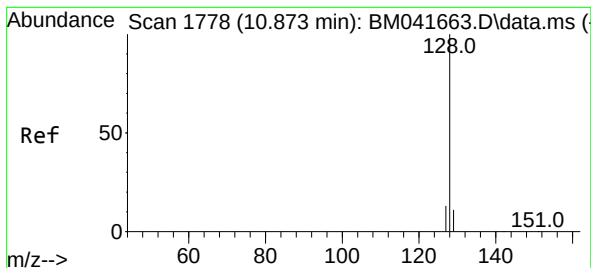
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.574 ng/ul

RT: 10.873 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM041672.D

Acq: 06 Sep 2023 23:34

Instrument :

BNA_M

ClientSampleId :

EZYJ1

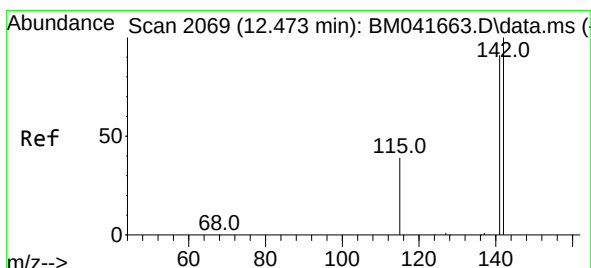
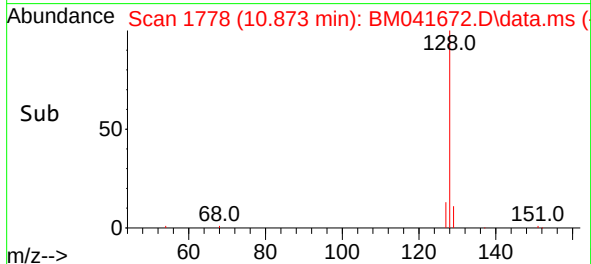
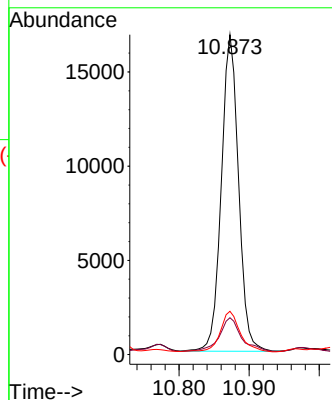
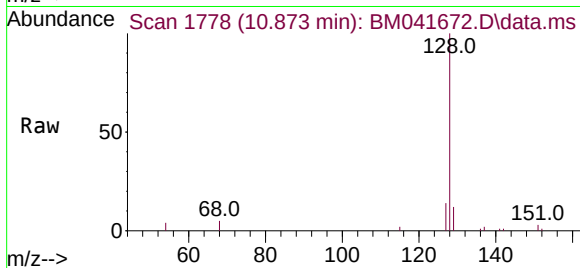
Tgt Ion:128 Resp: 28764

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

127 13.5 11.0 16.6



#7

2-Methylnaphthalene

Concen: 1.584 ng/ul

RT: 12.478 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BM041672.D

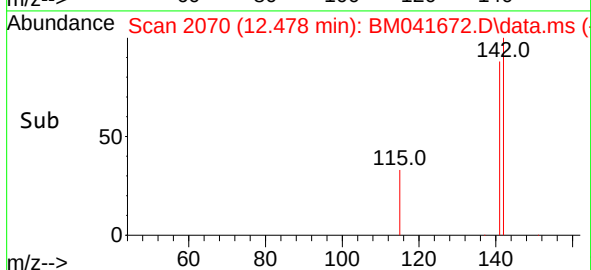
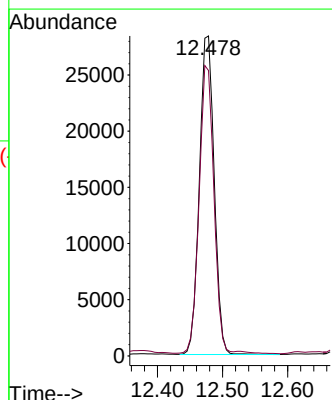
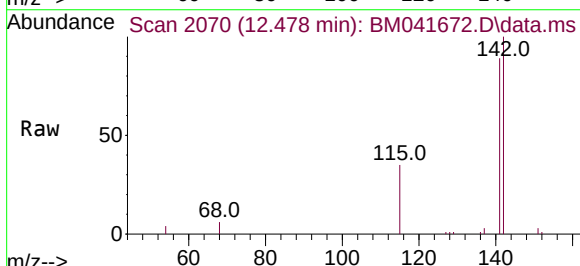
Acq: 06 Sep 2023 23:34

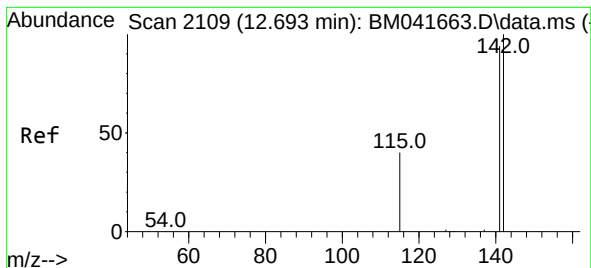
Tgt Ion:142 Resp: 45034

Ion Ratio Lower Upper

142 100

141 91.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.933 ng/ul

RT: 12.693 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BM041672.D

Acq: 06 Sep 2023 23:34

Instrument :

BNA_M

ClientSampleId :

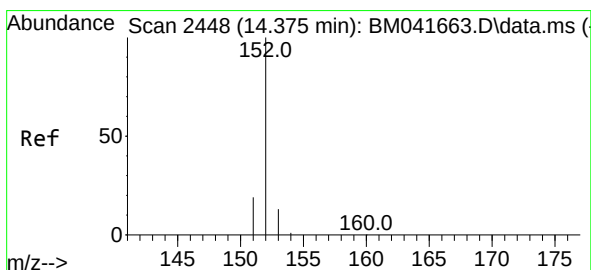
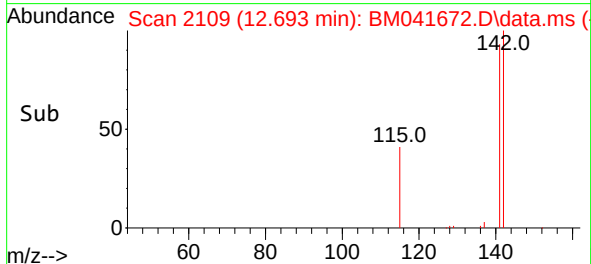
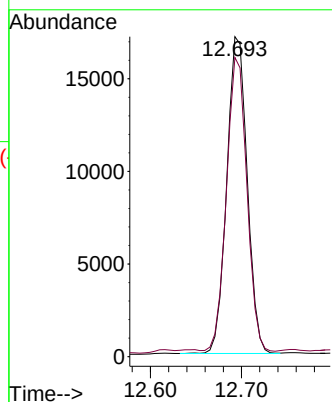
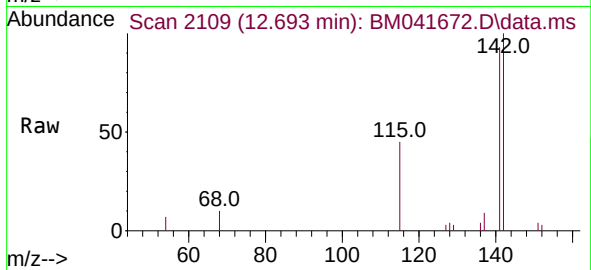
EZYJ1

Tgt Ion:142 Resp: 26655

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6



#10

Acenaphthylene

Concen: 0.136 ng/ul

RT: 14.370 min Scan# 2447

Delta R.T. -0.005 min

Lab File: BM041672.D

Acq: 06 Sep 2023 23:34

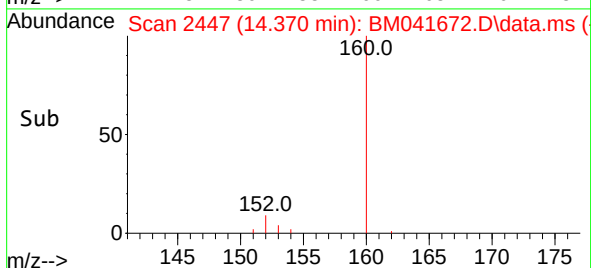
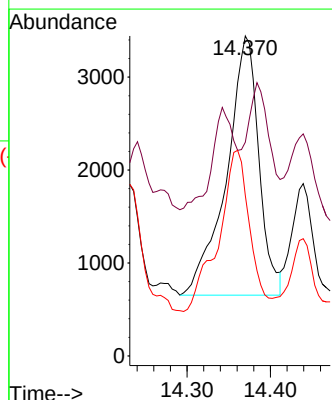
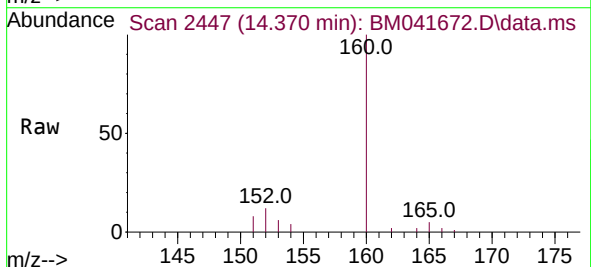
Tgt Ion:152 Resp: 7505

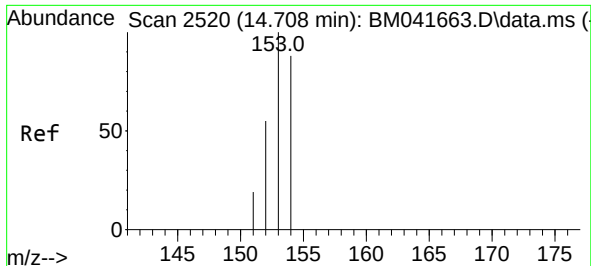
Ion Ratio Lower Upper

152 100

151 66.8 16.4 24.6#

153 50.1 11.1 16.7#

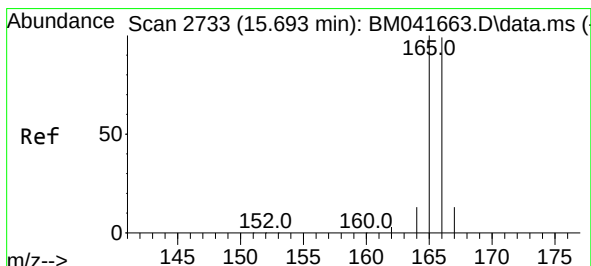
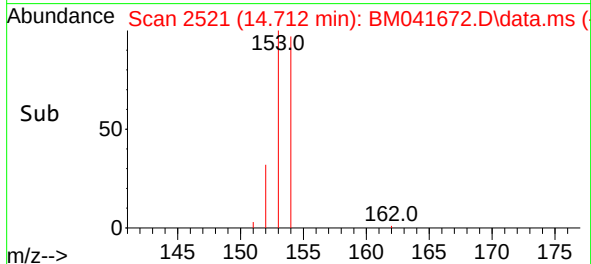
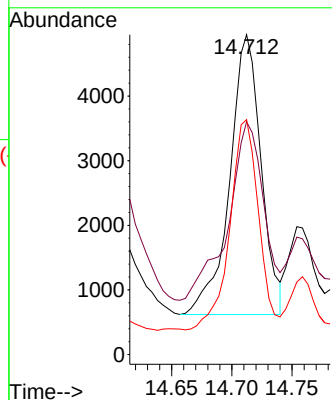
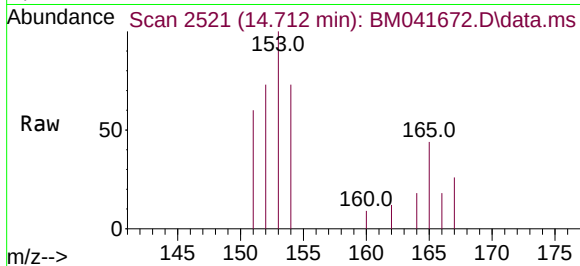




#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.712 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

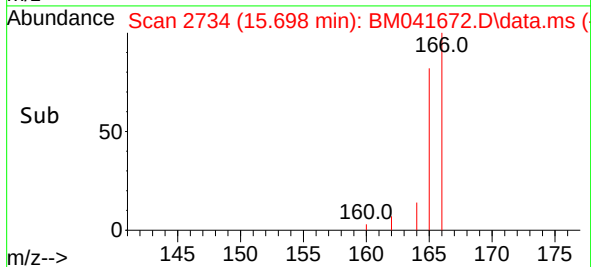
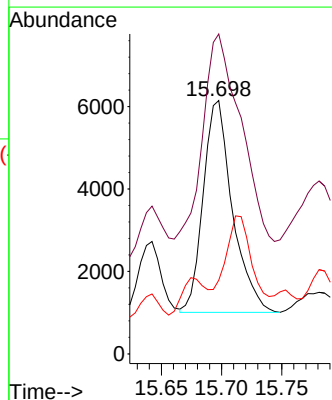
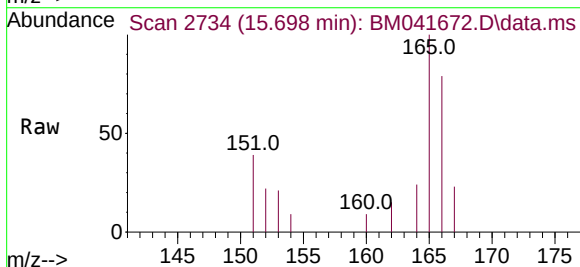
Instrument :
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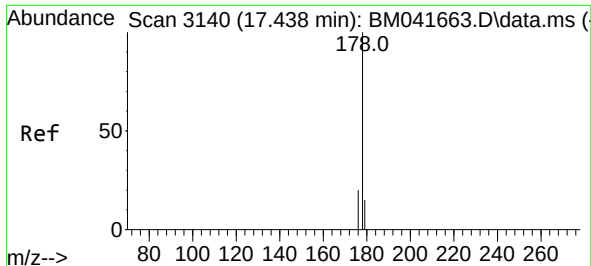
Tgt Ion:153 Resp: 7848
Ion Ratio Lower Upper
153 100
152 72.8 43.4 65.2#
154 73.4 69.4 104.0



#12
Fluorene
Concen: 0.181 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

Tgt Ion:166 Resp: 8696
Ion Ratio Lower Upper
166 100
165 126.3 79.4 119.2#
167 29.1 11.3 16.9#

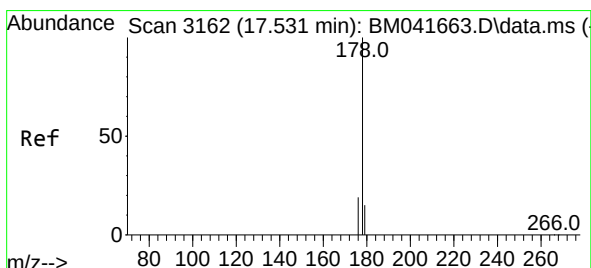
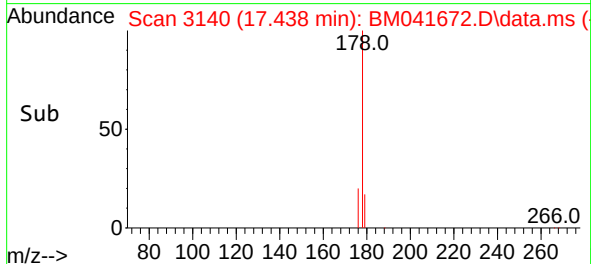
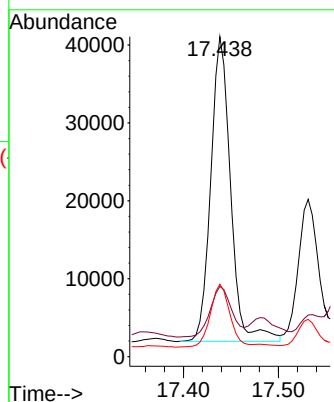
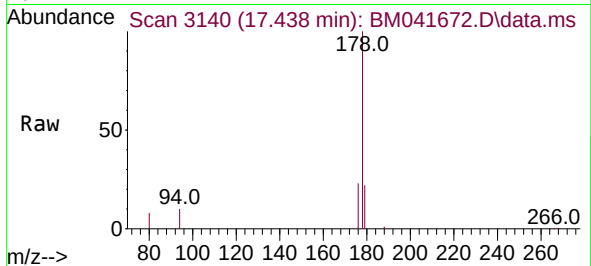




#15
Phenanthrene
Concen: 0.815 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

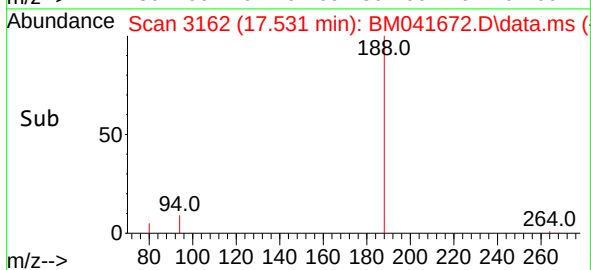
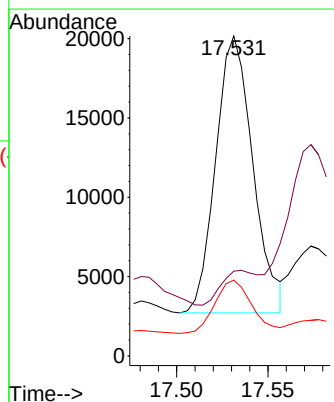
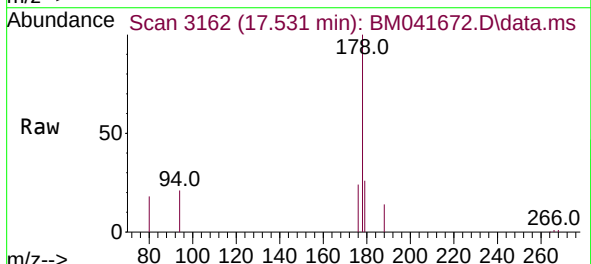
Instrument :
BNA_M
ClientSampleId :
EZYJ1

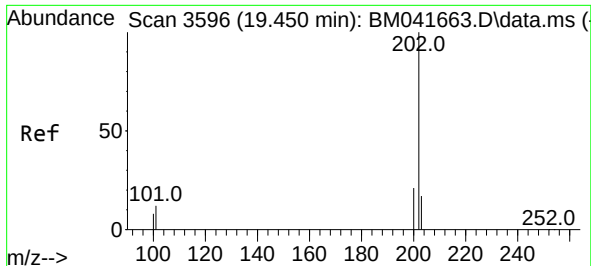
Tgt Ion:178 Resp: 56581
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3#
176 22.6 16.9 25.3



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

Tgt Ion:178 Resp: 24722
Ion Ratio Lower Upper
178 100
179 26.5 12.9 19.3#
176 23.7 15.8 23.8

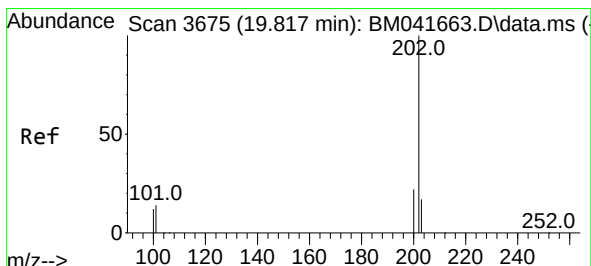
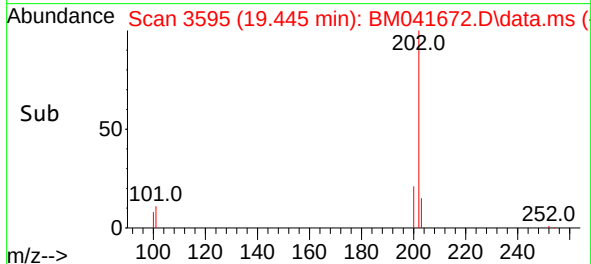
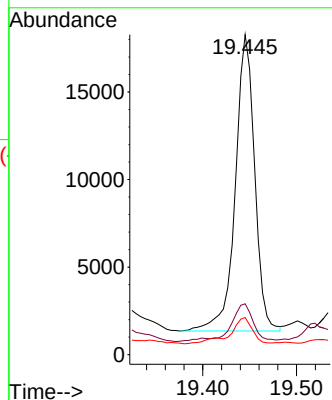
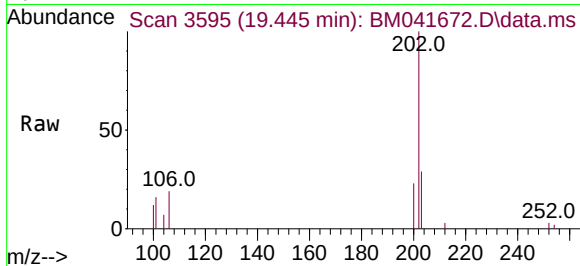




#19
Fluoranthene
Concen: 0.218 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

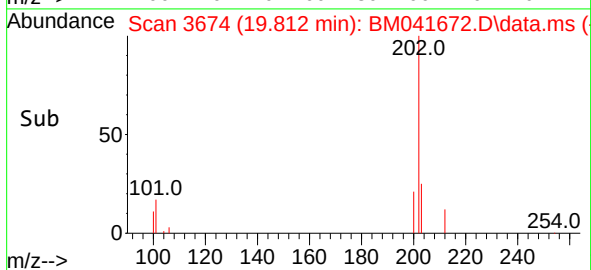
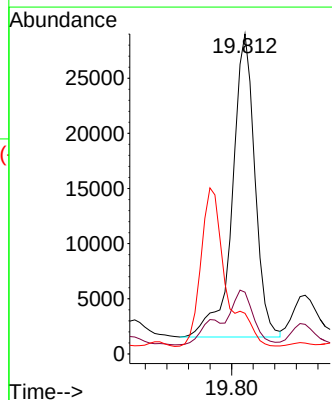
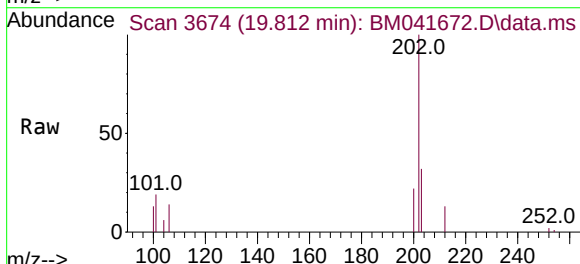
Instrument :
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ClientSampleId :
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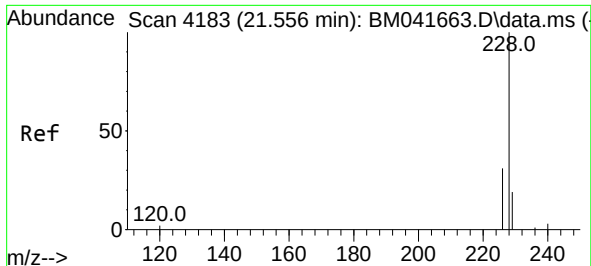
Tgt Ion:202 Resp: 24316
Ion Ratio Lower Upper
202 100
101 15.9 10.5 15.7#
100 11.6 8.4 12.6



#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

Tgt Ion:202 Resp: 39811
Ion Ratio Lower Upper
202 100
101 19.3 11.8 17.8#
100 12.7 9.8 14.6

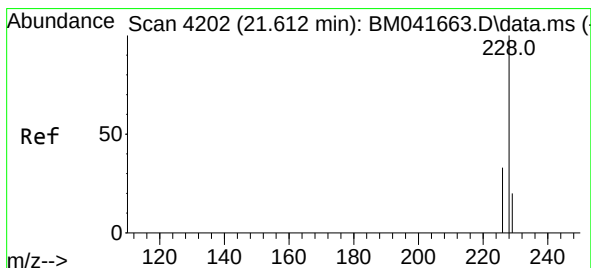
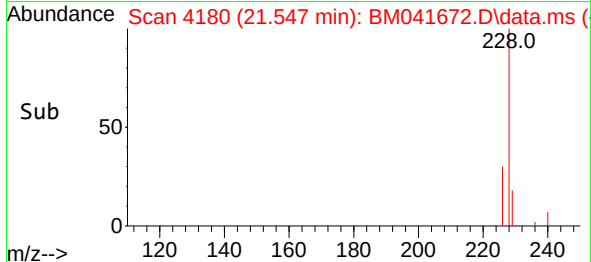
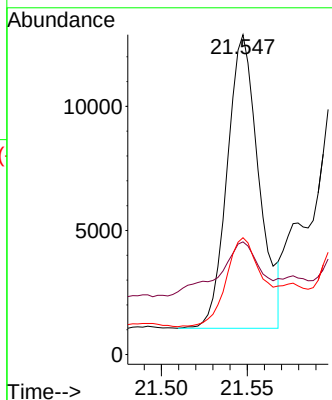
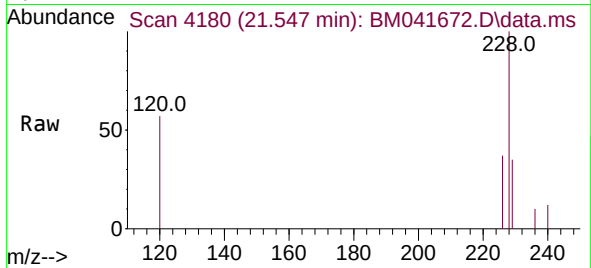




#21
Benzo(a)anthracene
Concen: 0.197 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

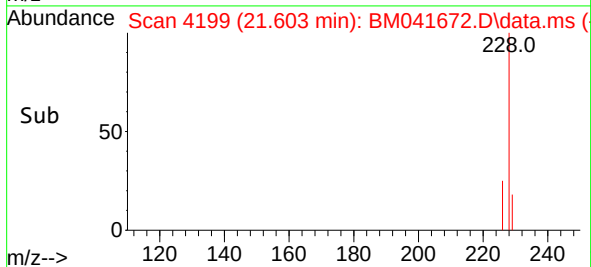
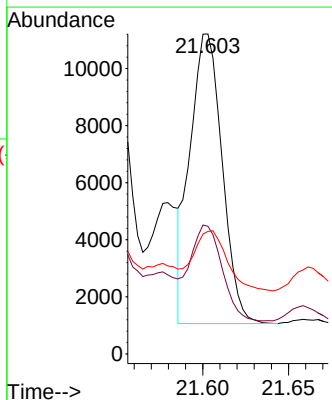
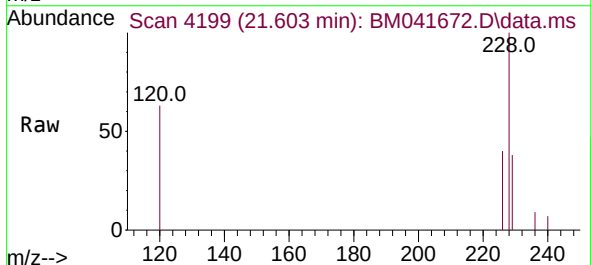
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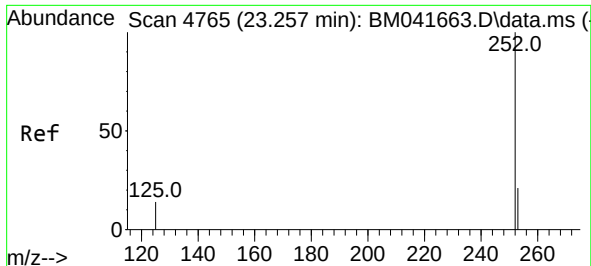
Tgt Ion:228 Resp: 15211
Ion Ratio Lower Upper
228 100
229 35.2 15.8 23.6#
226 36.5 24.8 37.2



#22
Chrysene
Concen: 0.159 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

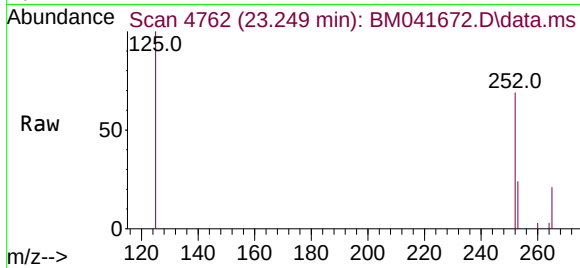
Tgt Ion:228 Resp: 13224
Ion Ratio Lower Upper
228 100
226 39.9 27.0 40.6
229 38.3 15.4 23.2#



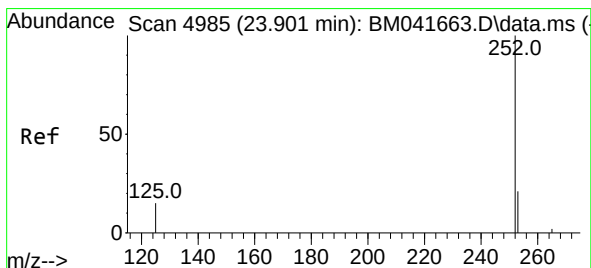
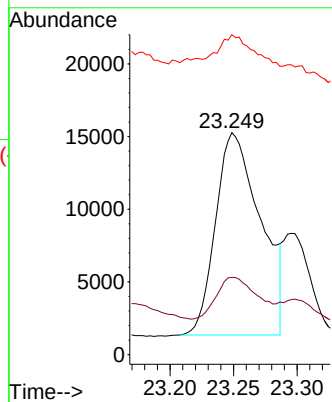
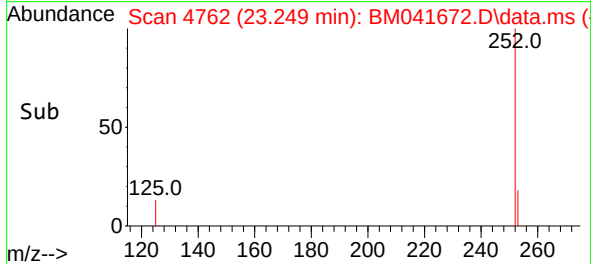


#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.249 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34

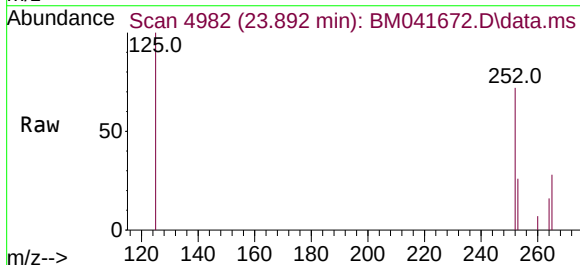
Instrument :
BNA_M
ClientSampleId :
EZYJ1



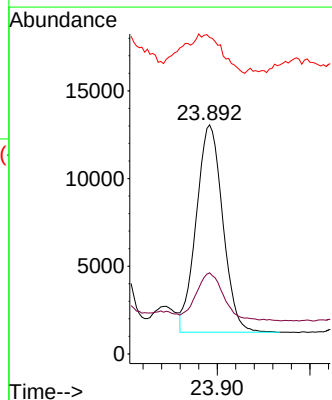
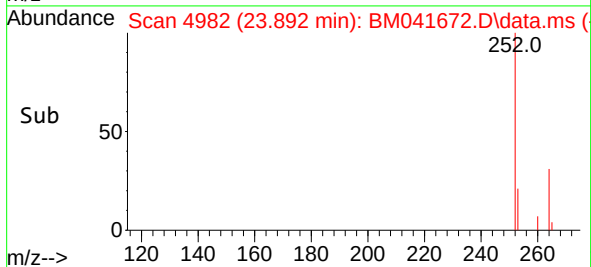
Tgt Ion:252 Resp: 34314
Ion Ratio Lower Upper
252 100
253 34.8 0.0 52.4
125 144.2 0.0 42.8#

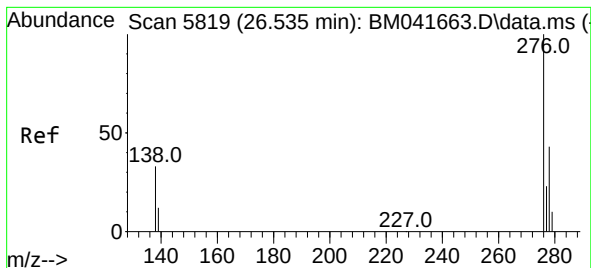


#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.892 min Scan# 4982
Delta R.T. -0.006 min
Lab File: BM041672.D
Acq: 06 Sep 2023 23:34



Tgt Ion:252 Resp: 23409
Ion Ratio Lower Upper
252 100
253 35.4 22.4 33.6#
125 138.2 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.295 ng/ul

RT: 26.525 min Scan# 5816

Delta R.T. -0.007 min

Lab File: BM041672.D

Acq: 06 Sep 2023 23:34

Instrument :

BNA_M

ClientSampleId :

EZYJ1

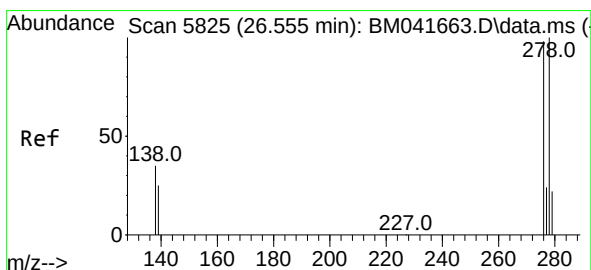
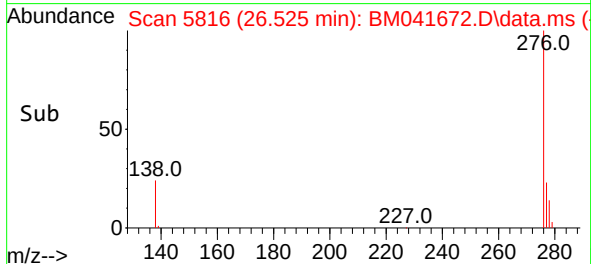
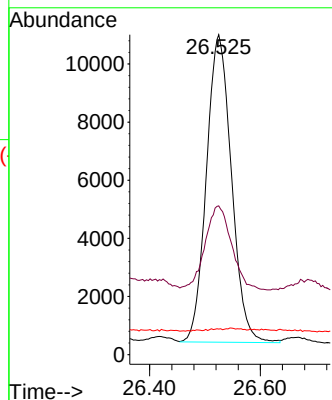
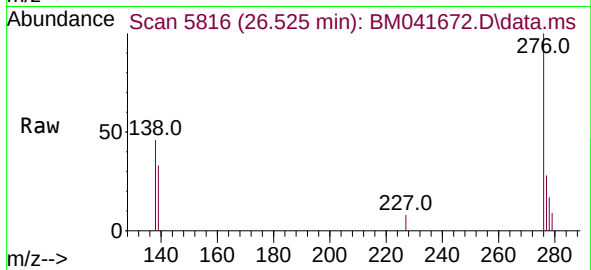
Tgt Ion:276 Resp: 33229

Ion Ratio Lower Upper

276 100

138 28.9 26.4 39.6

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.090 ng/ul

RT: 26.542 min Scan# 5821

Delta R.T. -0.010 min

Lab File: BM041672.D

Acq: 06 Sep 2023 23:34

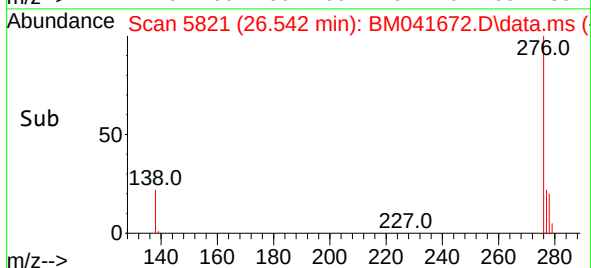
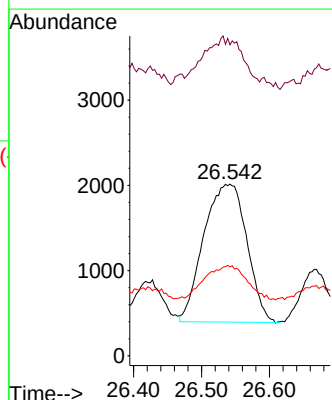
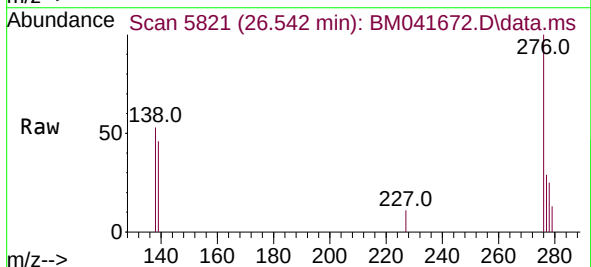
Tgt Ion:278 Resp: 7120

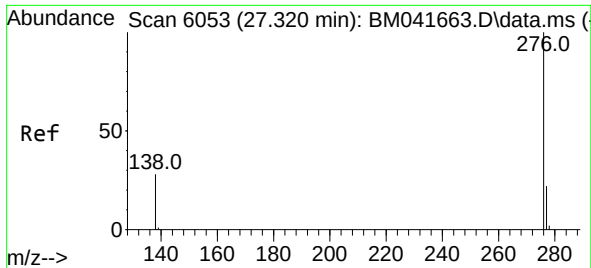
Ion Ratio Lower Upper

278 100

139 181.1 23.0 34.6#

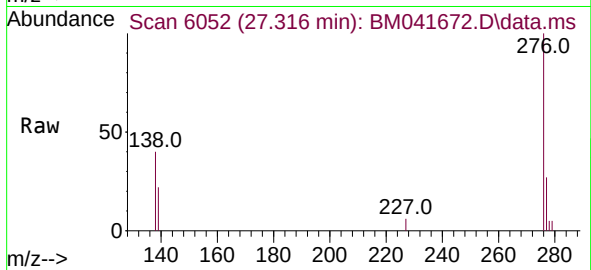
279 51.9 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.409 ng/ul
 RT: 27.316 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BM041672.D
 Acq: 06 Sep 2023 23:34

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ1



Tgt Ion:276 Resp: 40858
 Ion Ratio Lower Upper
 276 100
 138 40.4 25.0 37.4#
 277 26.7 20.2 30.2

