

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041710.D
 Acq On : 08 Sep 2023 00:36
 Operator : MA/JU
 Sample : 04113-14RE
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJORE

Quant Time: Sep 08 02:55:35 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

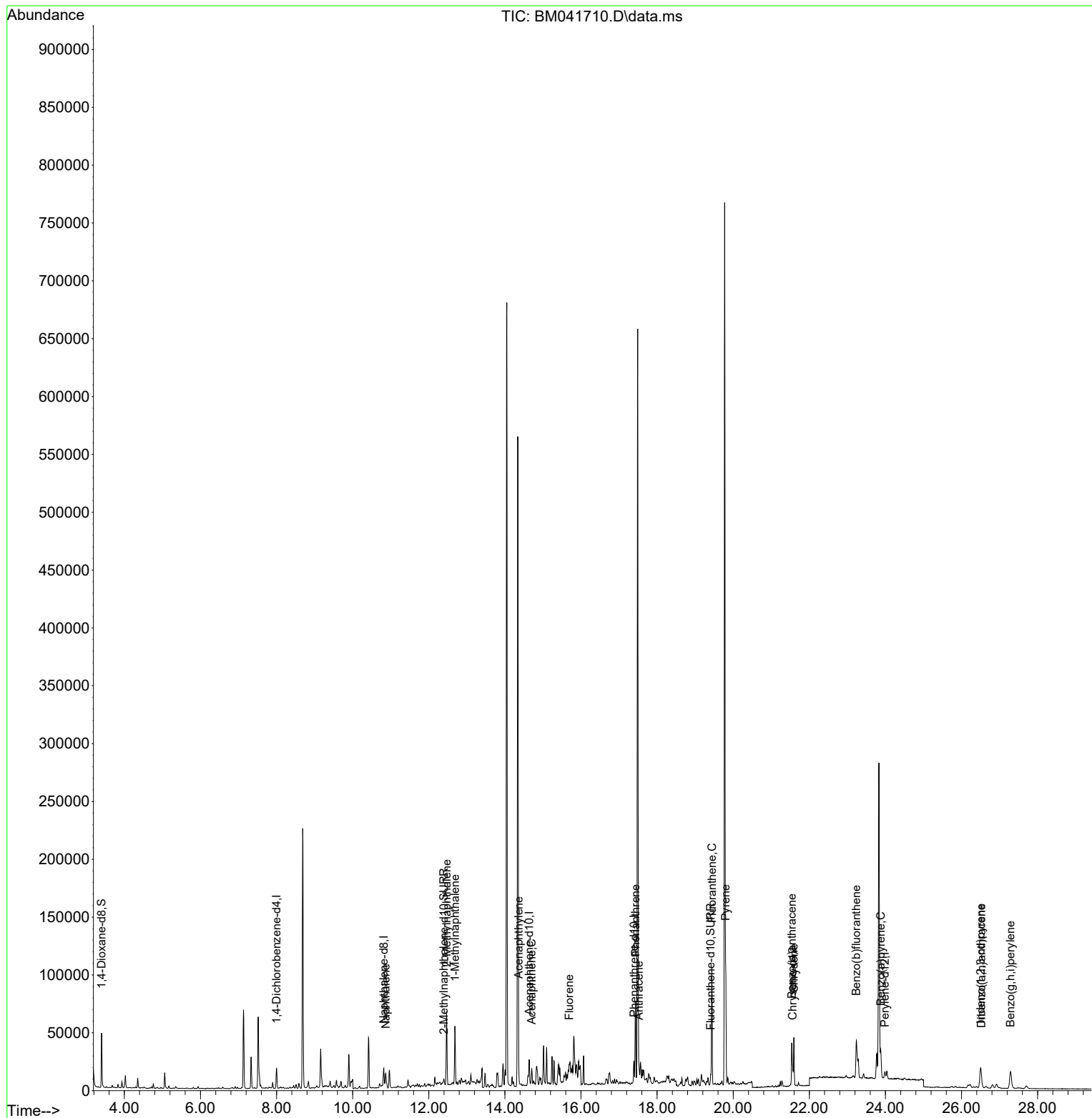
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8084	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	20971	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	10993	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	20472	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.556	240	7682	0.400	ng/ul	#-0.01
23) Perylene-d12	23.985	264	7937	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	26615	2.154	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	4157	0.154	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	6345	0.170	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	18047	0.262	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	42967	1.099	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	31837	0.811	ng/ul	99
10) Acenaphthylene	14.361	152	4665	0.069	ng/ul#	14
11) Acenaphthene	14.703	153	8646	0.164	ng/ul	88
12) Fluorene	15.688	166	10545	0.178	ng/ul#	88
15) Phenanthrene	17.430	178	77179	0.893	ng/ul	98
16) Anthracene	17.523	178	12257	0.165	ng/ul#	85
19) Fluoranthene	19.441	202	84463	0.932	ng/ul	99
20) Pyrene	19.803	202	77704	0.863	ng/ul	95
21) Benzo(a)anthracene	21.539	228	30801	0.492	ng/ul	97
22) Chrysene	21.594	228	42118	0.623	ng/ul#	95
24) Benzo(b)fluoranthene	23.237	252	56777	0.799	ng/ul	84
26) Benzo(a)pyrene	23.877	252	32186	0.558	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.505	276	31576	0.399	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.518	278	6791	0.122	ng/ul#	57
29) Benzo(g,h,i)perylene	27.290	276	32388	0.462	ng/ul	96

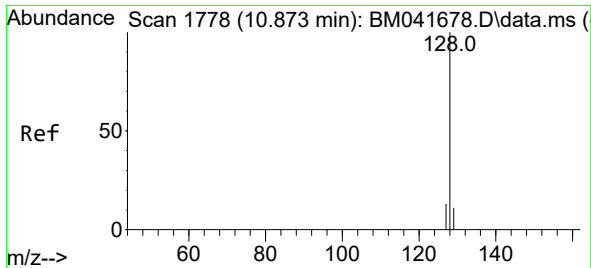
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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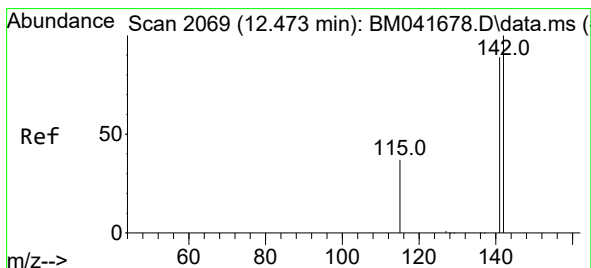
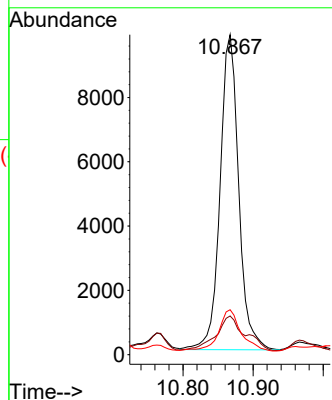
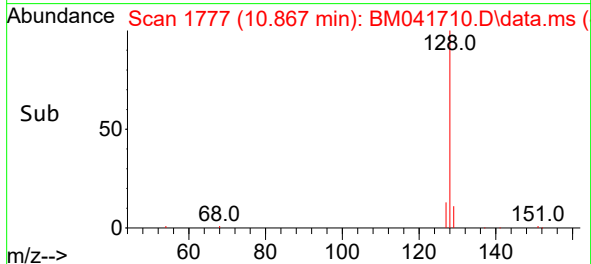
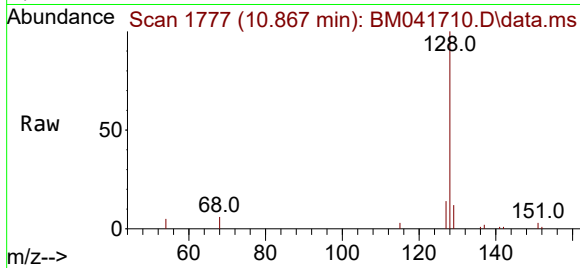




#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.867 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

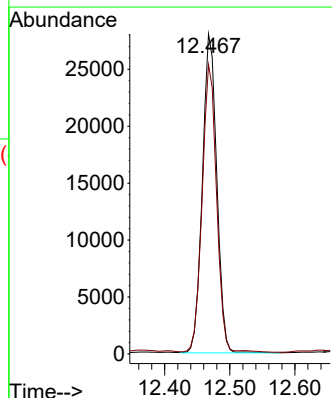
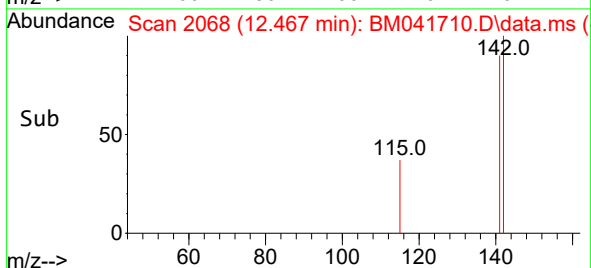
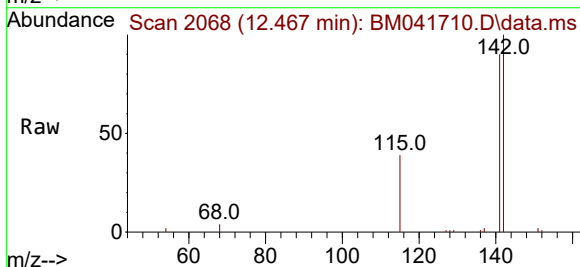
Instrument :
BNA_M
ClientSampleId :
EZYJORE

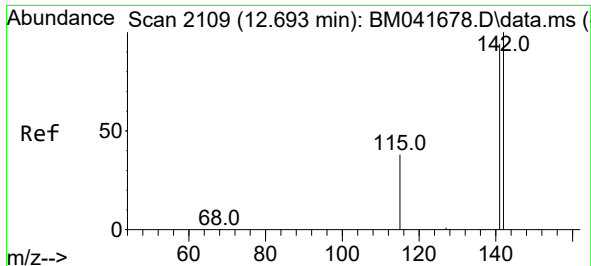
Tgt Ion:128 Resp: 18047
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.0 11.0 16.6



#7
2-Methylnaphthalene
Concen: 1.099 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Tgt Ion:142 Resp: 42967
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2

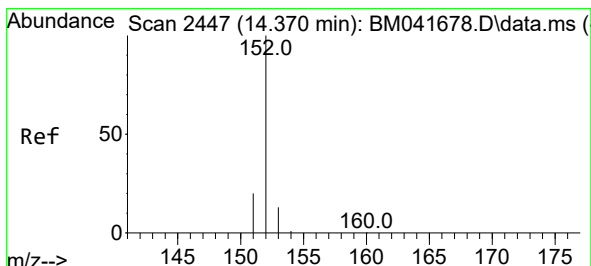
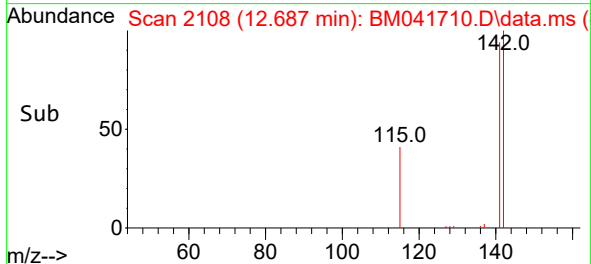
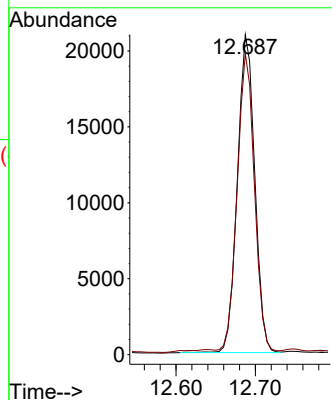
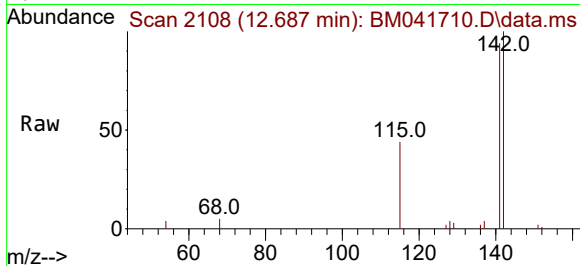




#8
1-Methylnaphthalene
Concen: 0.811 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

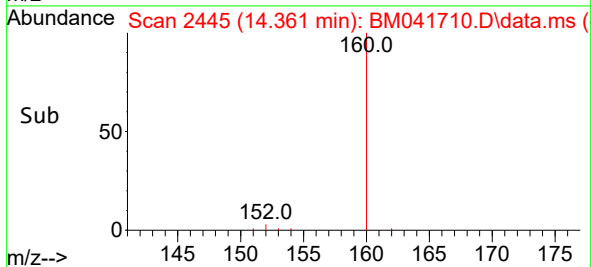
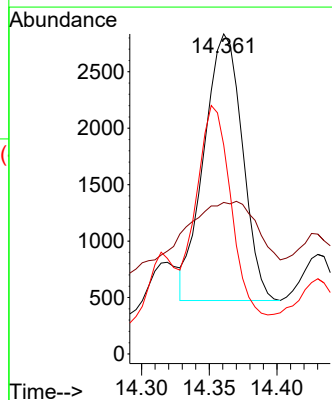
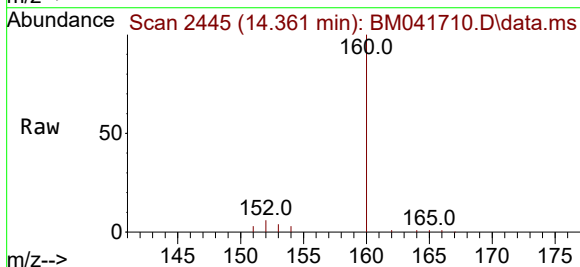
Instrument :
BNA_M
ClientSampleId :
EZYJORE

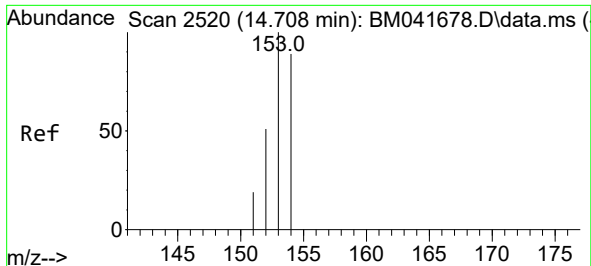
Tgt Ion:142 Resp: 31837
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.014 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Tgt Ion:152 Resp: 4665
Ion Ratio Lower Upper
152 100
151 47.4 16.4 24.6#
153 65.3 11.1 16.7#

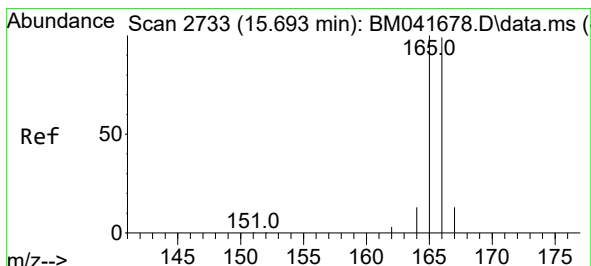
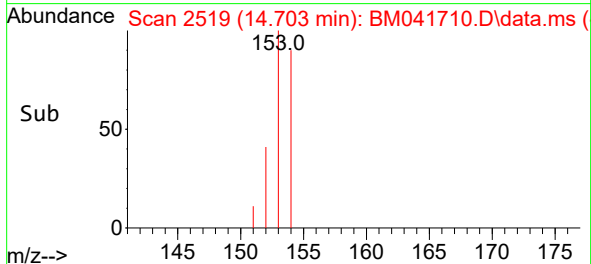
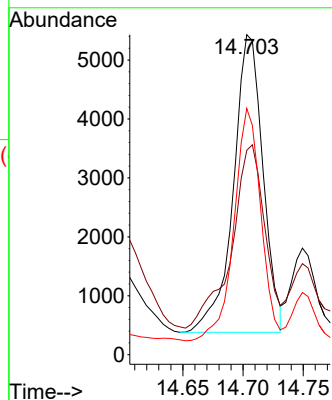
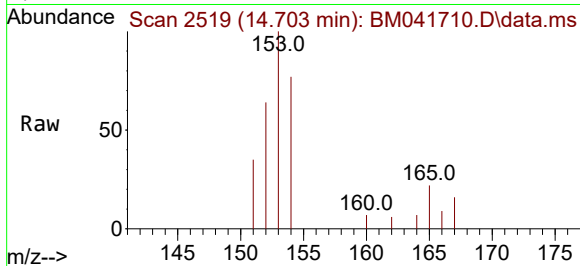




#11
Acenaphthene
Concen: 0.164 ng/ul
RT: 14.703 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

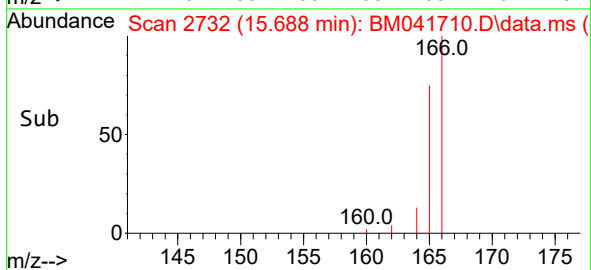
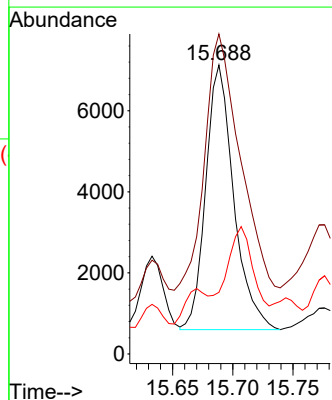
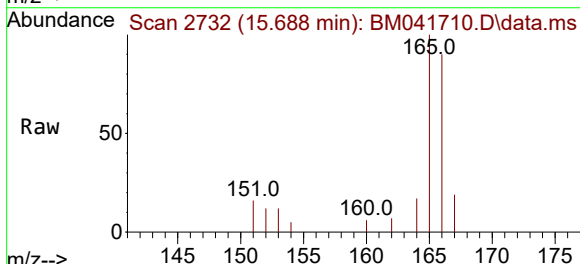
Instrument :
BNA_M
ClientSampleId :
EZYJORE

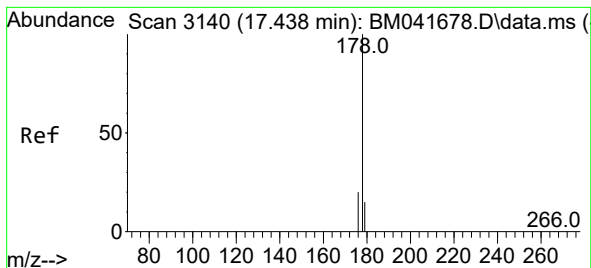
Tgt Ion:153 Resp: 8646
Ion Ratio Lower Upper
153 100
152 63.9 43.4 65.2
154 76.9 69.4 104.0



#12
Fluorene
Concen: 0.178 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.009 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Tgt Ion:166 Resp: 10545
Ion Ratio Lower Upper
166 100
165 110.7 79.4 119.2
167 21.3 11.3 16.9#





#15

Phenanthrene

Concen: 0.893 ng/ul

RT: 17.430 min Scan# 3140

Delta R.T. -0.013 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

Instrument :

BNA_M

ClientSampleId :

EZYJORE

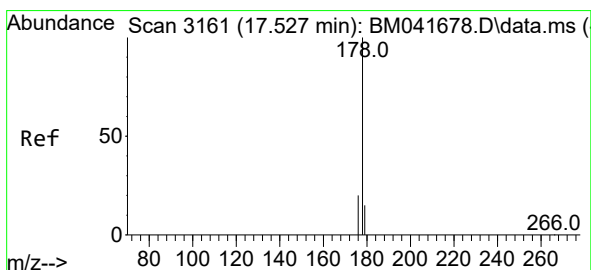
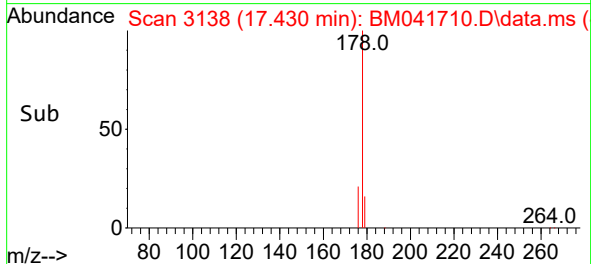
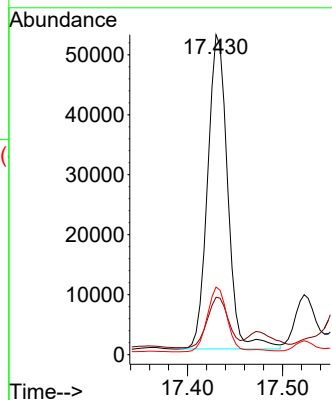
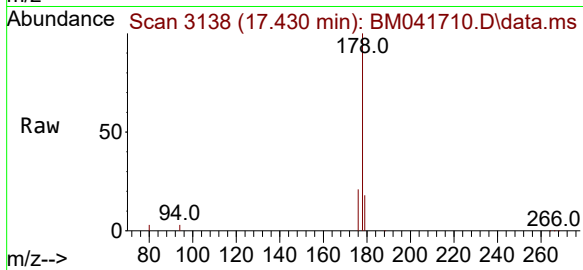
Tgt Ion:178 Resp: 77179

Ion Ratio Lower Upper

178 100

179 18.0 12.9 19.3

176 21.1 16.9 25.3



#16

Anthracene

Concen: 0.165 ng/ul

RT: 17.523 min Scan# 3160

Delta R.T. -0.013 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

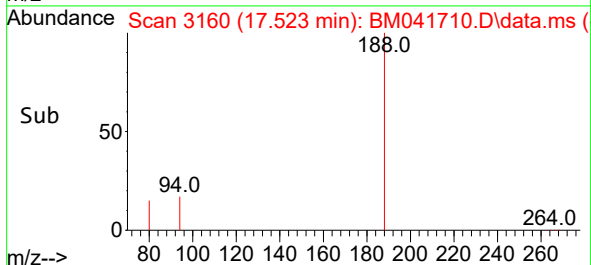
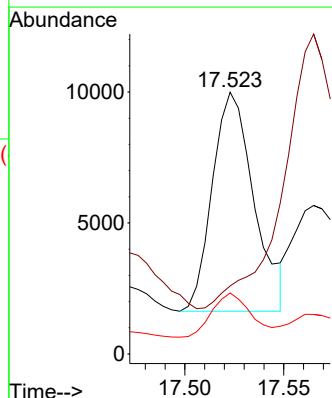
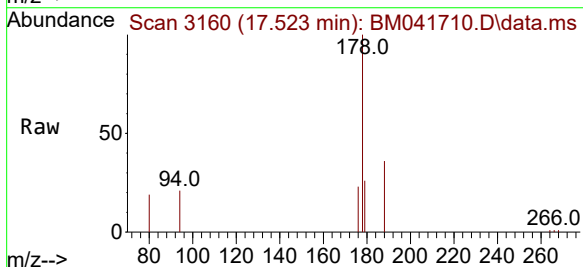
Tgt Ion:178 Resp: 12257

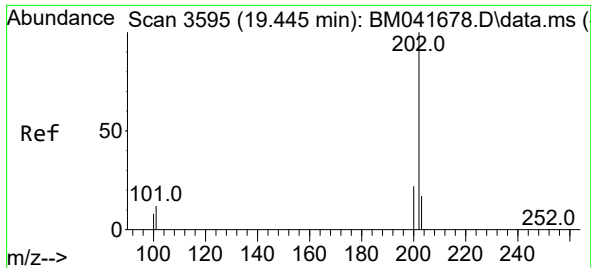
Ion Ratio Lower Upper

178 100

179 26.0 12.9 19.3#

176 23.3 15.8 23.8

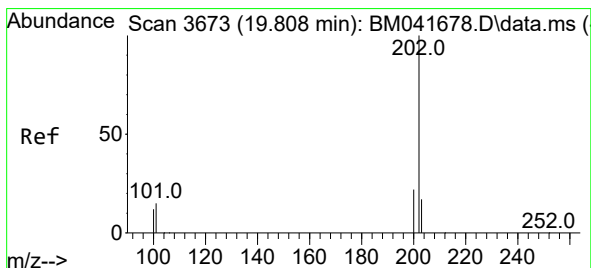
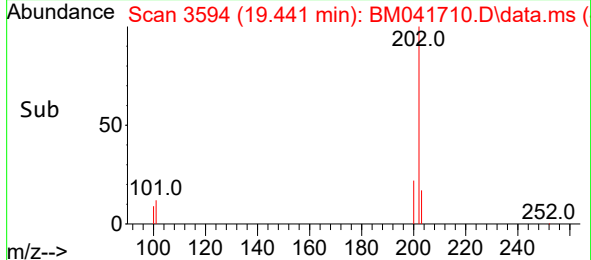
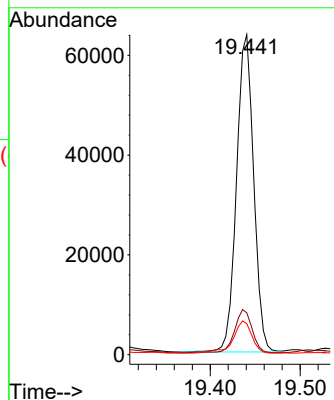
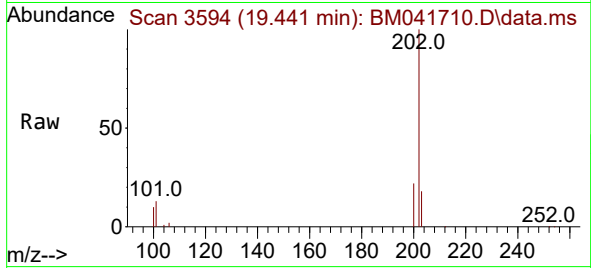




#19
Fluoranthene
Concen: 0.932 ng/ul
RT: 19.441 min Scan# 3595
Delta R.T. -0.009 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

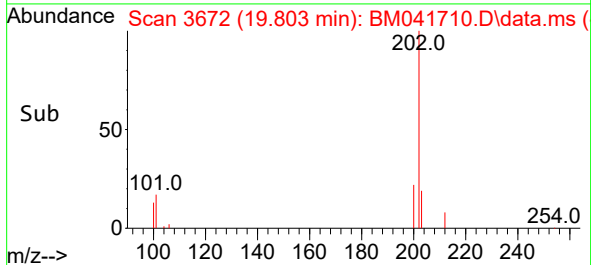
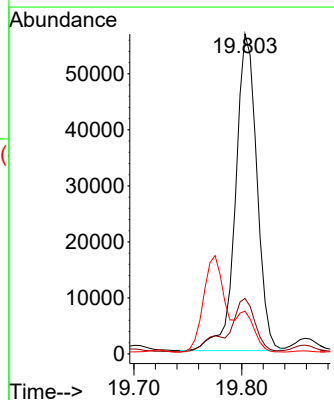
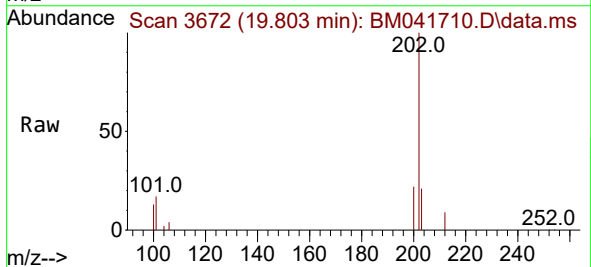
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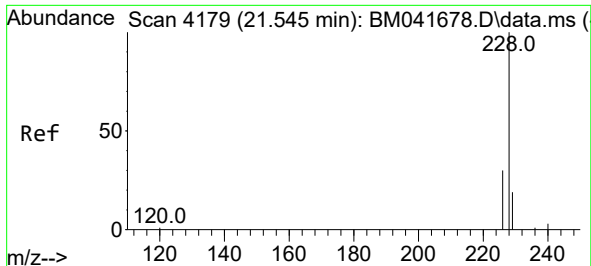
Tgt Ion:202 Resp: 84463
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 9.7 8.4 12.6



#20
Pyrene
Concen: 0.863 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Tgt Ion:202 Resp: 77704
Ion Ratio Lower Upper
202 100
101 17.3 11.8 17.8
100 13.4 9.8 14.6

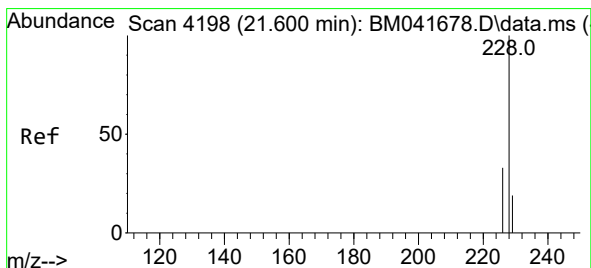
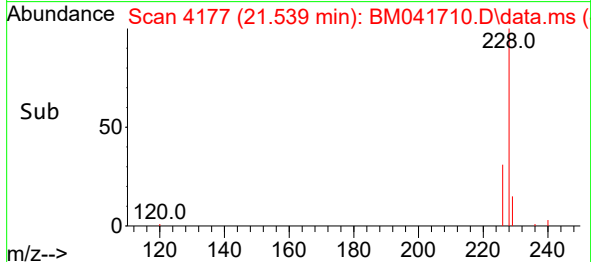
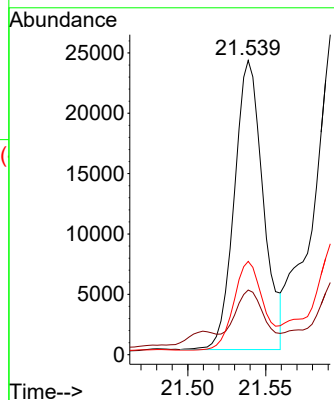
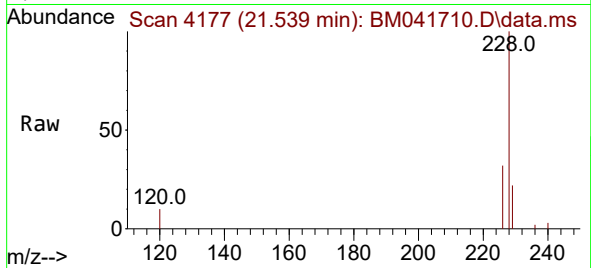




#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. -0.015 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

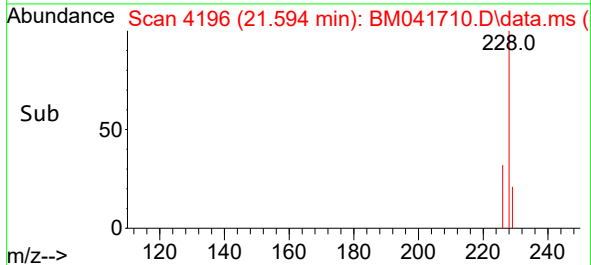
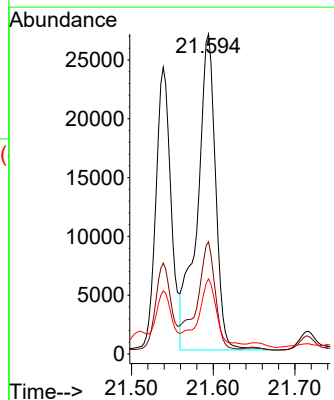
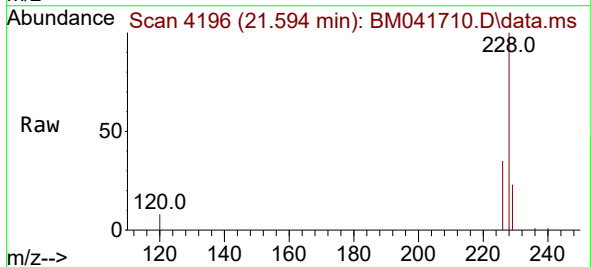
Instrument :
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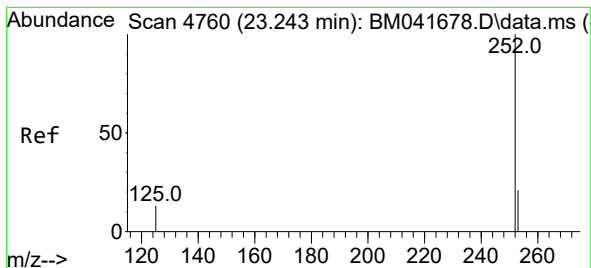
Tgt Ion:228 Resp: 30801
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 31.7 24.8 37.2



#22
Chrysene
Concen: 0.623 ng/ul
RT: 21.594 min Scan# 4196
Delta R.T. -0.015 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Tgt Ion:228 Resp: 42118
Ion Ratio Lower Upper
228 100
226 35.0 27.0 40.6
229 23.4 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.799 ng/ul

RT: 23.237 min Scan# 41

Delta R.T. -0.015 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

Instrument :

BNA_M

ClientSampleId :

EZYJORE

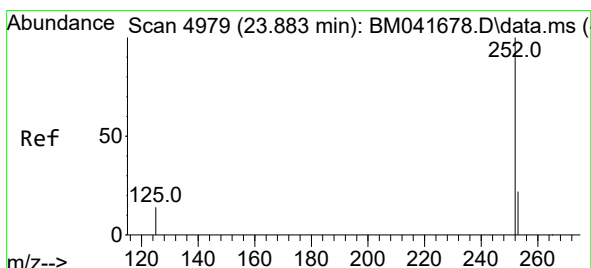
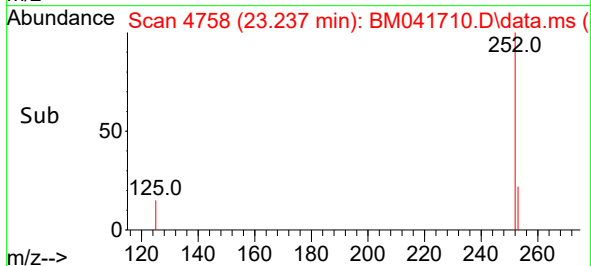
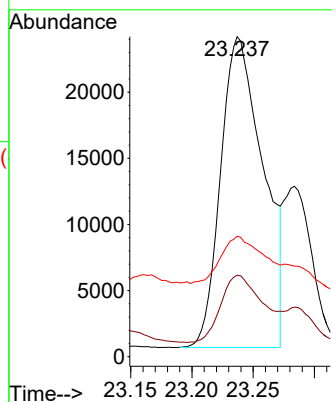
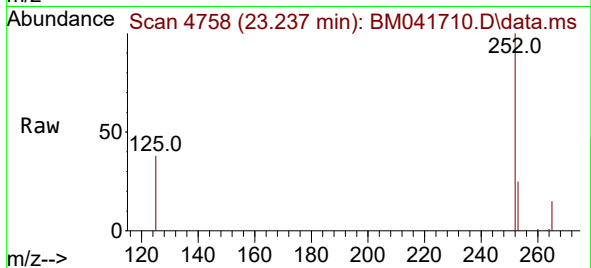
Tgt Ion:252 Resp: 56777

Ion Ratio Lower Upper

252 100

253 25.5 0.0 52.4

125 37.6 0.0 42.8



#26

Benzo(a)pyrene

Concen: 0.558 ng/ul

RT: 23.877 min Scan# 4977

Delta R.T. -0.020 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

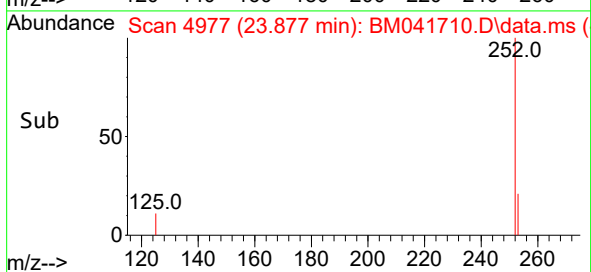
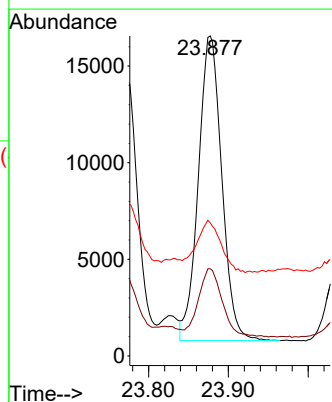
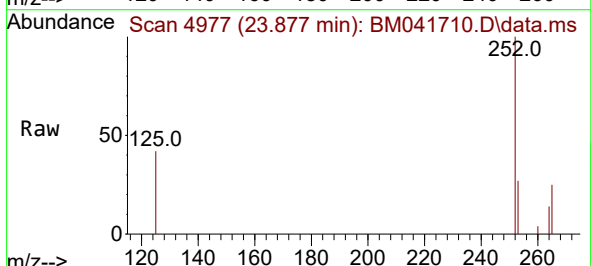
Tgt Ion:252 Resp: 32186

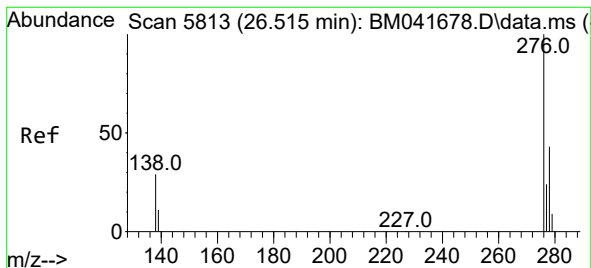
Ion Ratio Lower Upper

252 100

253 27.3 22.4 33.6

125 41.5 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 26.505 min Scan# 5810

Delta R.T. -0.027 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

Instrument :

BNA_M

ClientSampleId :

EZYJORE

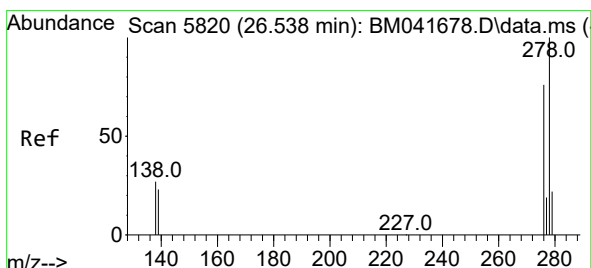
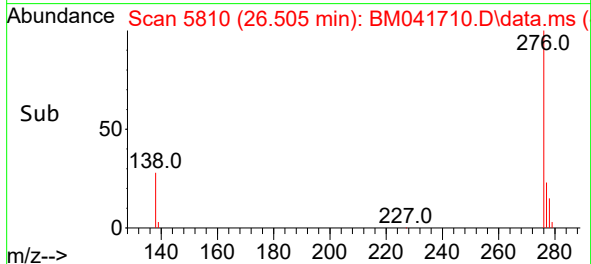
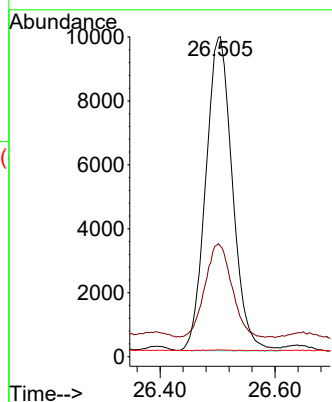
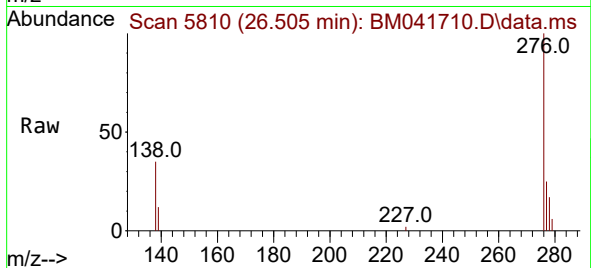
Tgt Ion:276 Resp: 31576

Ion Ratio Lower Upper

276 100

138 29.7 26.4 39.6

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.122 ng/ul

RT: 26.518 min Scan# 5814

Delta R.T. -0.034 min

Lab File: BM041710.D

Acq: 08 Sep 2023 00:36

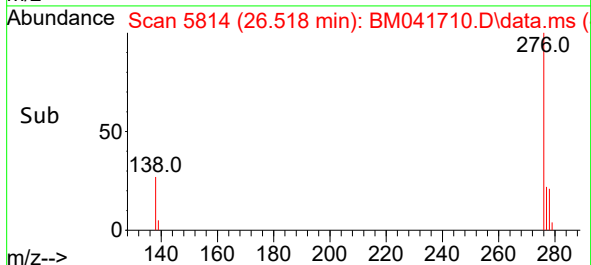
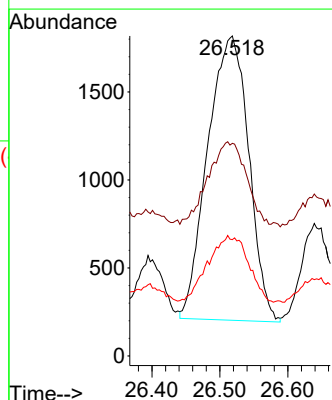
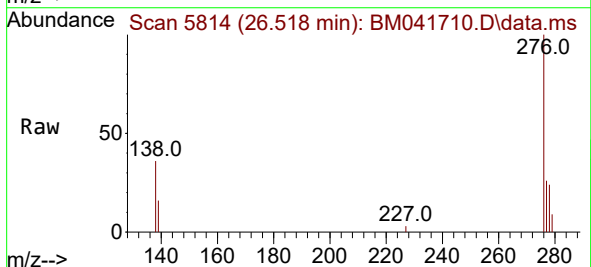
Tgt Ion:278 Resp: 6791

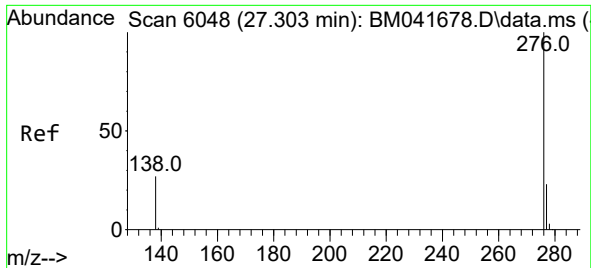
Ion Ratio Lower Upper

278 100

139 66.4 23.0 34.6#

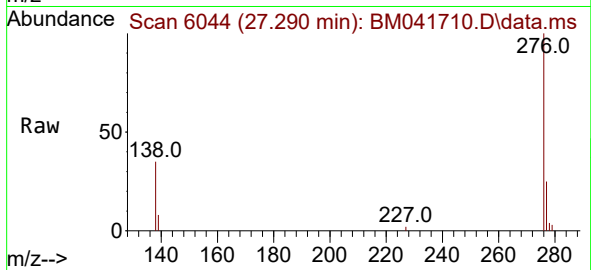
279 36.4 22.9 34.3#





#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 27.290 min Scan# 6044
Delta R.T. -0.027 min
Lab File: BM041710.D
Acq: 08 Sep 2023 00:36

Instrument :
BNA_M
ClientSampleId :
EZYJORE



Tgt Ion:276 Resp: 32388
Ion Ratio Lower Upper
276 100
138 35.1 25.0 37.4
277 24.8 20.2 30.2

