

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041703.D
 Acq On : 07 Sep 2023 20:13
 Operator : MA/JU
 Sample : 04113-06DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYL3DL

Quant Time: Sep 08 02:54:43 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)

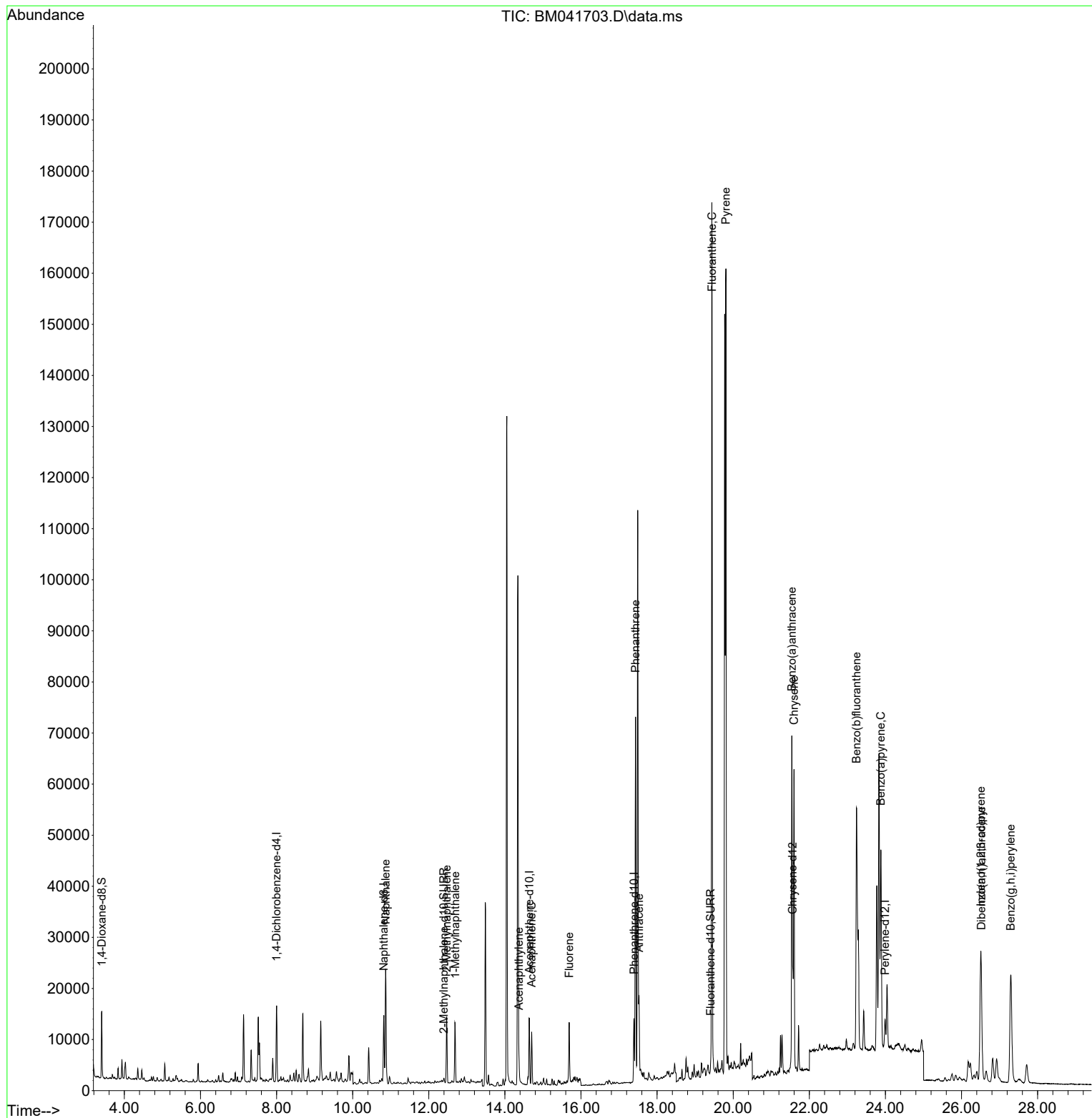
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6962	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	16666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	6853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	12987	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	5907	0.400	ng/ul	#-0.01
23) Perylene-d12	23.991	264	7238	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7169	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	865	0.040	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	1230	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	30319	0.554	ng/ul	98
7) 2-Methylnaphthalene	12.473	142	8987	0.289	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	7858	0.252	ng/ul	100
10) Acenaphthylene	14.370	152	4311	0.102	ng/ul#	91
11) Acenaphthene	14.703	153	5977	0.182	ng/ul	99
12) Fluorene	15.688	166	7568	0.205	ng/ul	96
15) Phenanthrene	17.434	178	73960	1.349	ng/ul	99
16) Anthracene	17.527	178	15988	0.340	ng/ul	97
19) Fluoranthene	19.440	202	140230	2.011	ng/ul	99
20) Pyrene	19.808	202	129201	1.866	ng/ul	99
21) Benzo(a)anthracene	21.542	228	54904	1.140	ng/ul	98
22) Chrysene	21.597	228	60988	1.173	ng/ul	97
24) Benzo(b)fluoranthene	23.240	252	81811	1.263	ng/ul	98
26) Benzo(a)pyrene	23.880	252	57652	1.095	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.508	276	46245	0.640	ng/ul	93
28) Dibenzo(a,h)anthracene	26.522	278	10191	0.201	ng/ul#	85
29) Benzo(g,h,i)perylene	27.293	276	48614	0.760	ng/ul	99

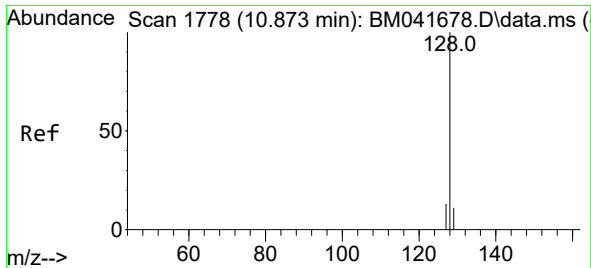
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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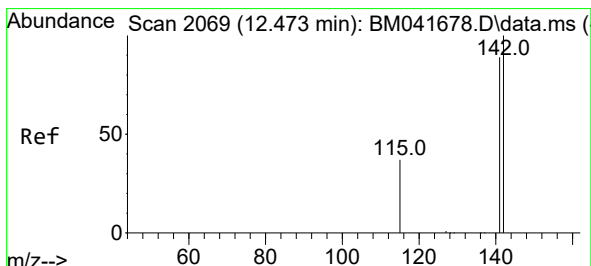
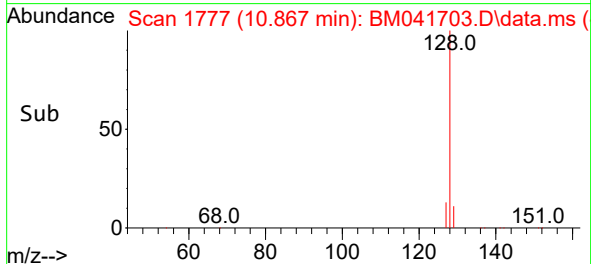
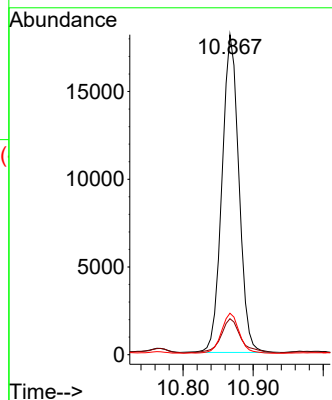
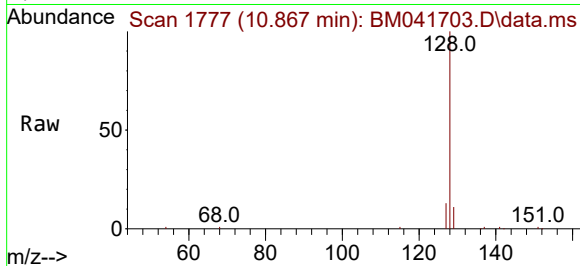




#5
Naphthalene
Concen: 0.554 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

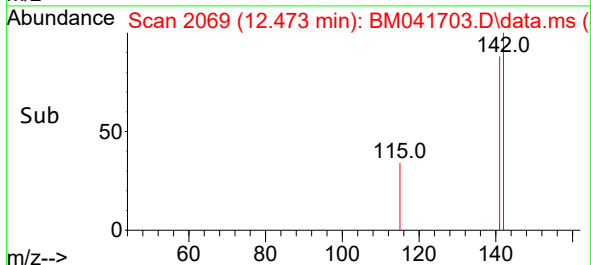
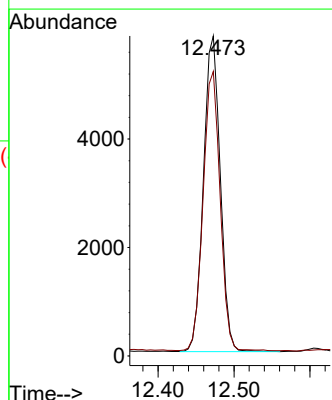
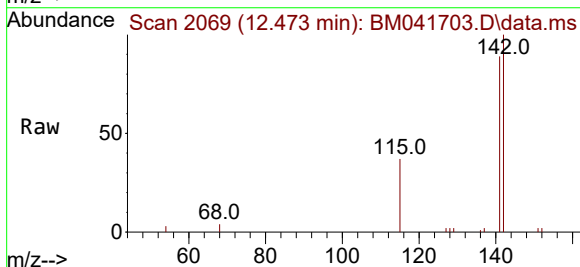
Instrument :
BNA_M
ClientSampleId :
EZY3DL

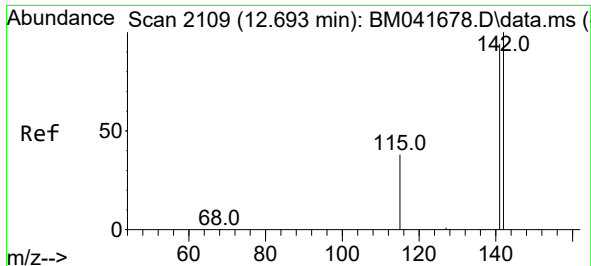
Tgt Ion:128 Resp: 30319
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.9 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

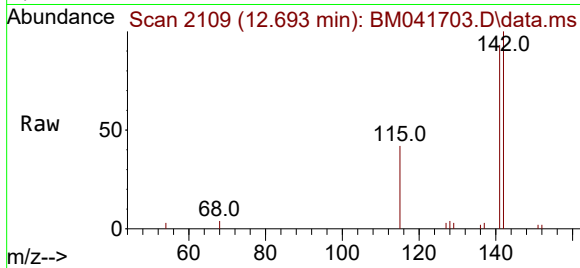
Tgt Ion:142 Resp: 8987
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



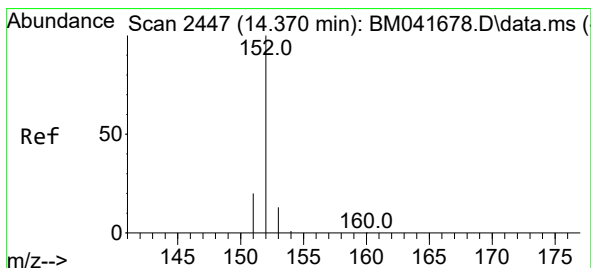
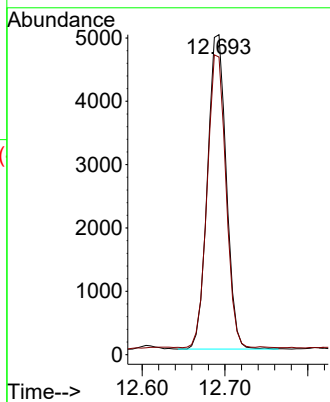
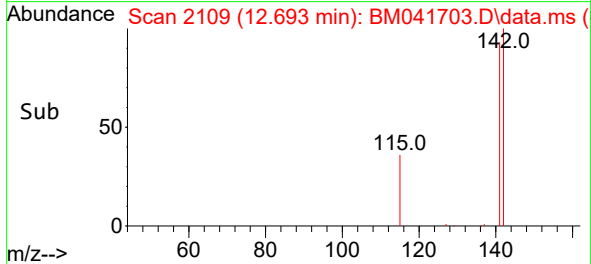


#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

Instrument :
BNA_M
ClientSampleId :
EZY3DL

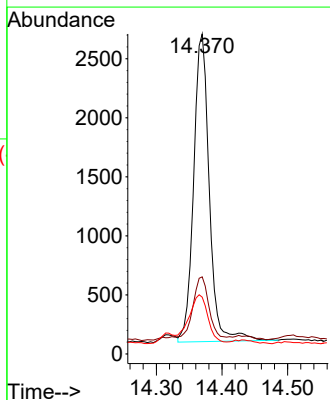
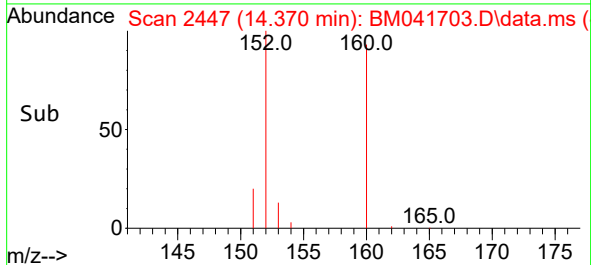
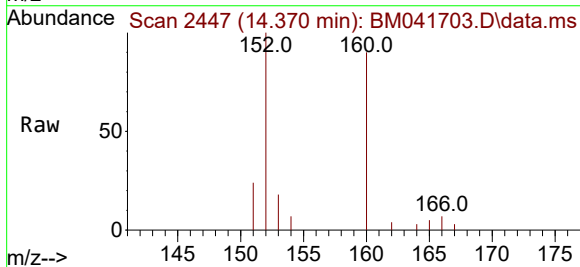


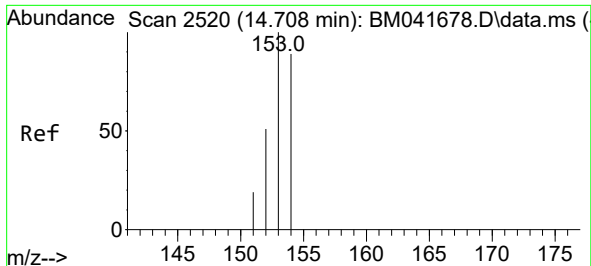
Tgt Ion:142 Resp: 7858
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

Tgt Ion:152 Resp: 4311
Ion Ratio Lower Upper
152 100
151 24.1 16.4 24.6
153 17.7 11.1 16.7#

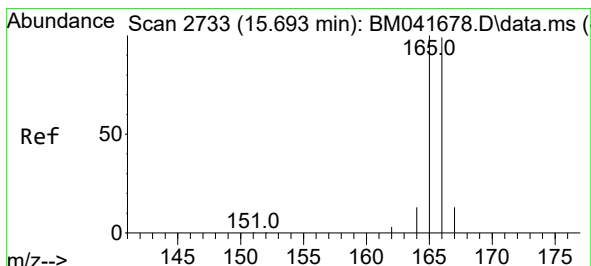
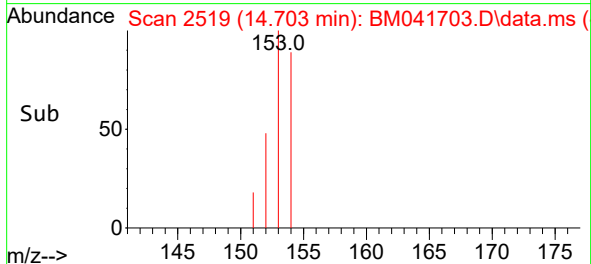
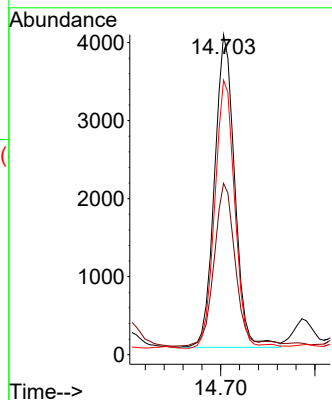
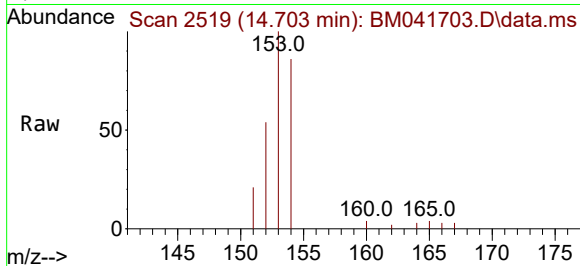




#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.703 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

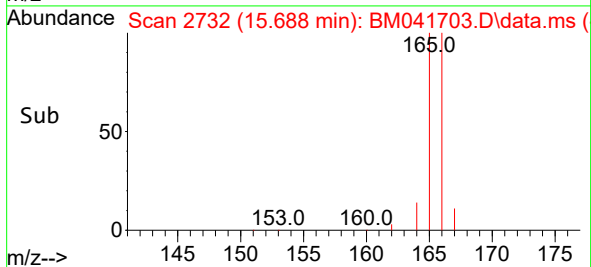
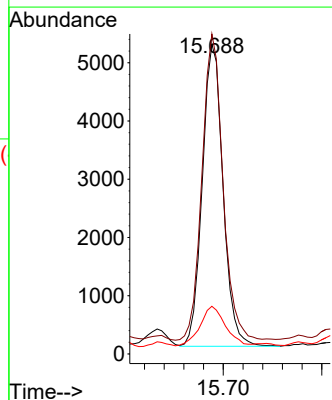
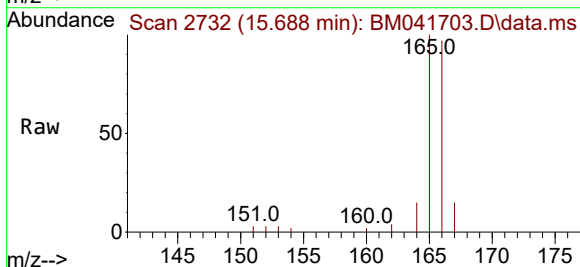
Instrument :
BNA_M
ClientSampleId :
EZY3DL

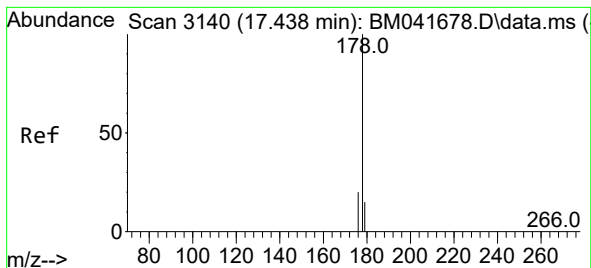
Tgt Ion:153 Resp: 5977
Ion Ratio Lower Upper
153 100
152 53.5 43.4 65.2
154 85.8 69.4 104.0



#12
Fluorene
Concen: 0.205 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.009 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

Tgt Ion:166 Resp: 7568
Ion Ratio Lower Upper
166 100
165 103.3 79.4 119.2
167 15.4 11.3 16.9





#15

Phenanthrene

Concen: 1.349 ng/ul

RT: 17.434 min Scan# 3140

Delta R.T. -0.009 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA_M

ClientSampleId :

EZYL3DL

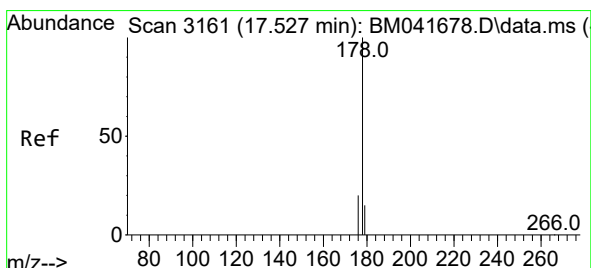
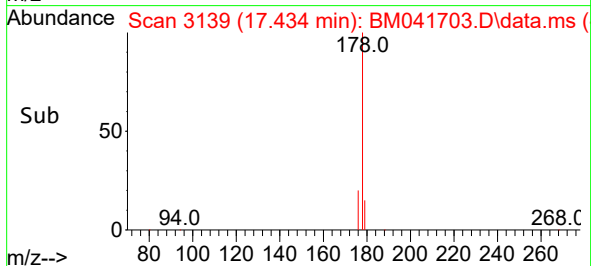
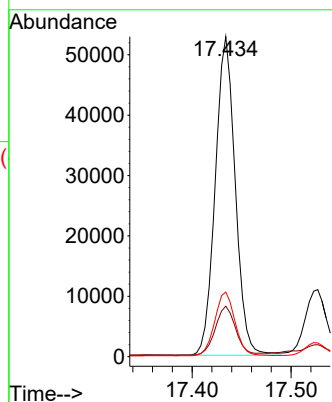
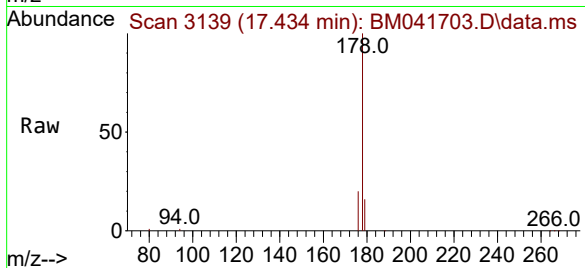
Tgt Ion:178 Resp: 73960

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.2 16.9 25.3



#16

Anthracene

Concen: 0.340 ng/ul

RT: 17.527 min Scan# 3161

Delta R.T. -0.009 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

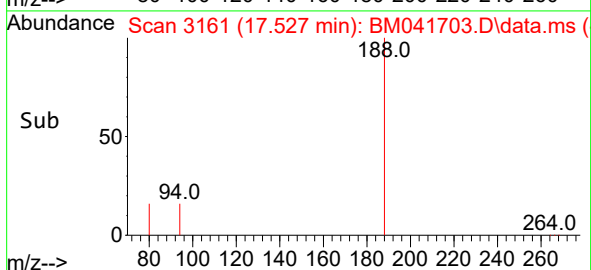
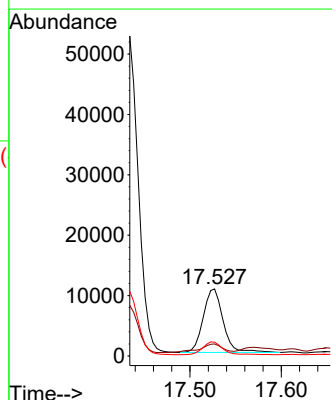
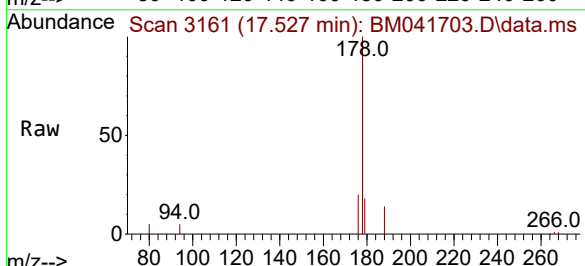
Tgt Ion:178 Resp: 15988

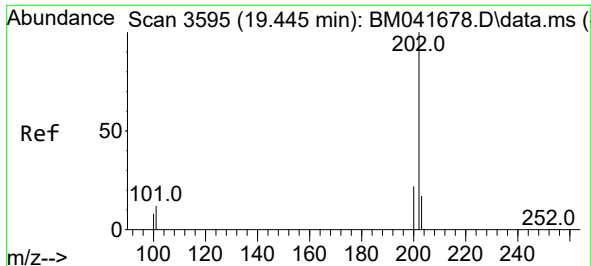
Ion Ratio Lower Upper

178 100

179 17.9 12.9 19.3

176 20.4 15.8 23.8

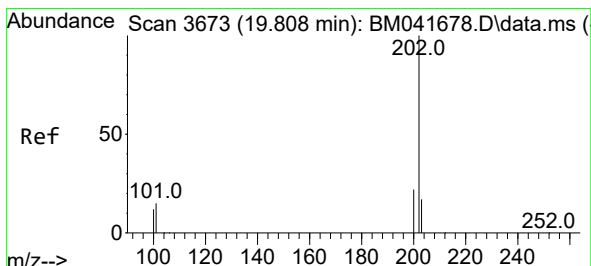
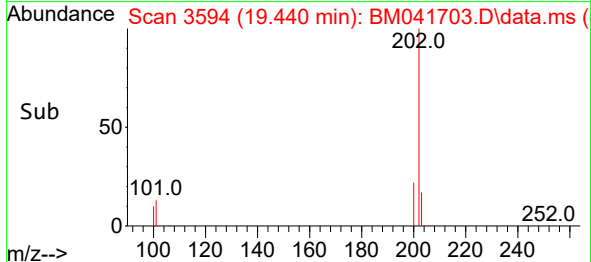
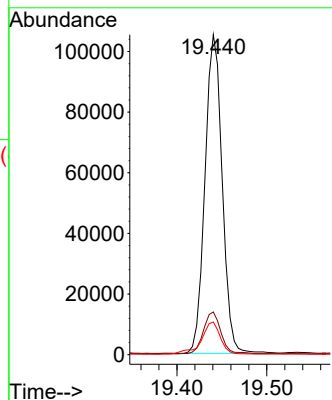
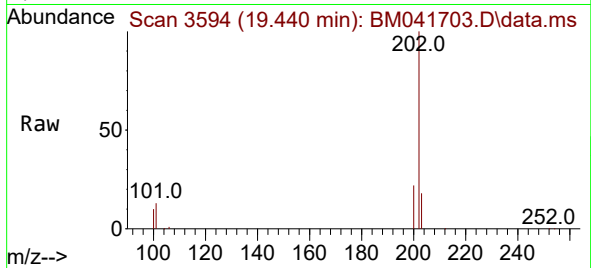




#19
Fluoranthene
Concen: 2.011 ng/ul
RT: 19.440 min Scan# 3595
Delta R.T. -0.009 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

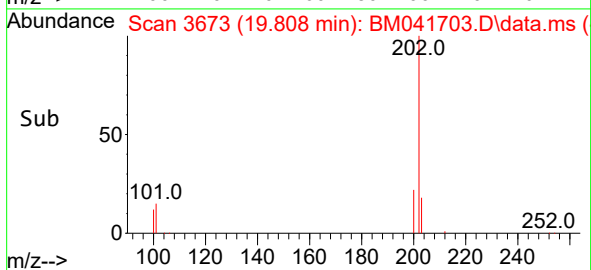
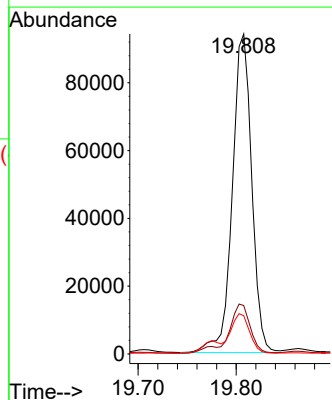
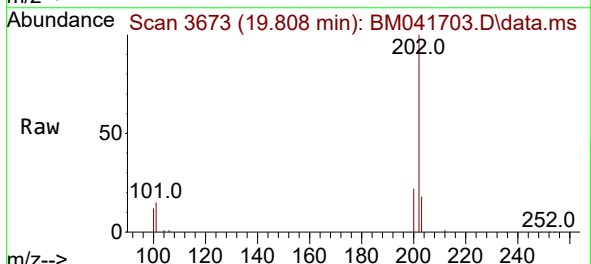
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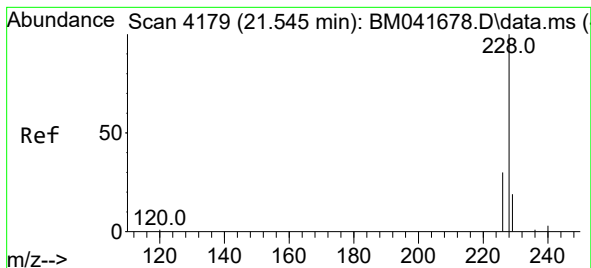
Tgt Ion:202 Resp: 140230
Ion Ratio Lower Upper
202 100
101 13.4 10.5 15.7
100 10.2 8.4 12.6



#20
Pyrene
Concen: 1.866 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041703.D
Acq: 07 Sep 2023 20:13

Tgt Ion:202 Resp: 129201
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.8
100 12.0 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.140 ng/ul

RT: 21.542 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA_M

ClientSampleId :

EZYL3DL

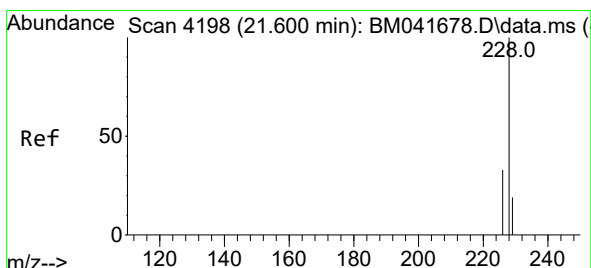
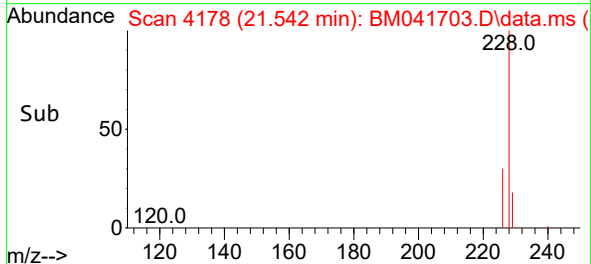
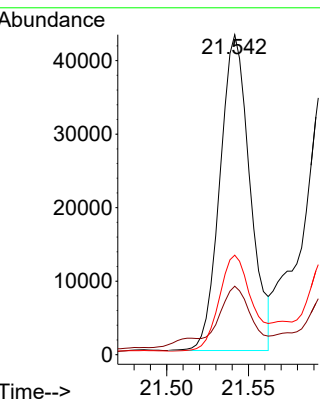
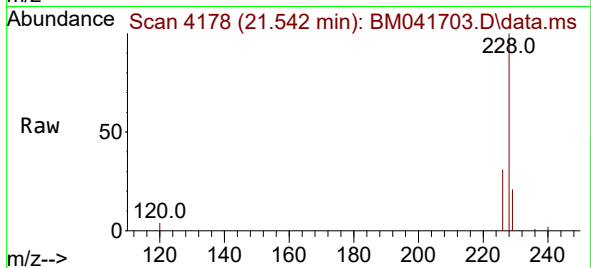
Tgt Ion:228 Resp: 54904

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 31.1 24.8 37.2



#22

Chrysene

Concen: 1.173 ng/ul

RT: 21.597 min Scan# 4197

Delta R.T. -0.012 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

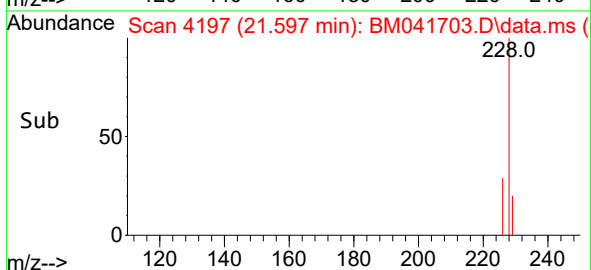
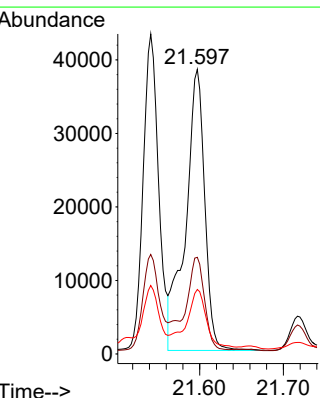
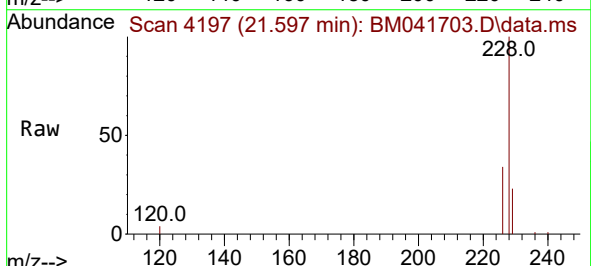
Tgt Ion:228 Resp: 60988

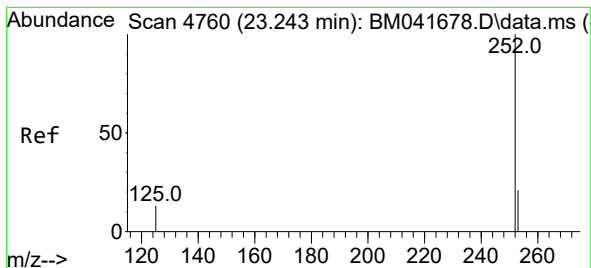
Ion Ratio Lower Upper

228 100

226 33.9 27.0 40.6

229 22.6 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 1.263 ng/ul

RT: 23.240 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA_M

ClientSampleId :

EZYL3DL

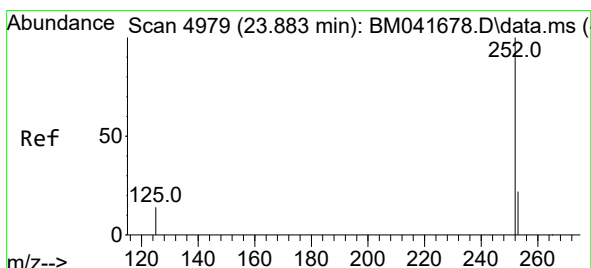
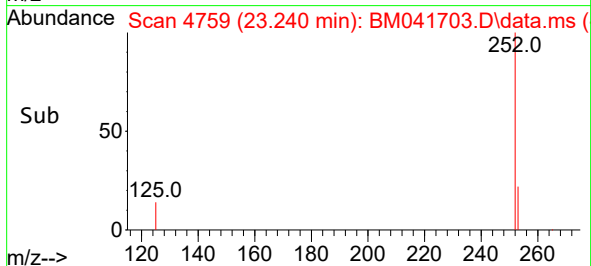
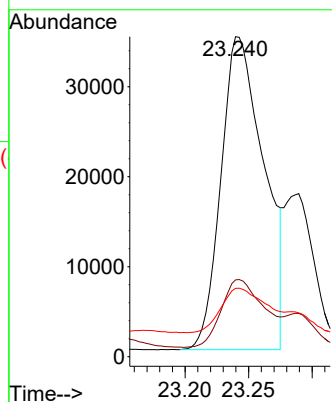
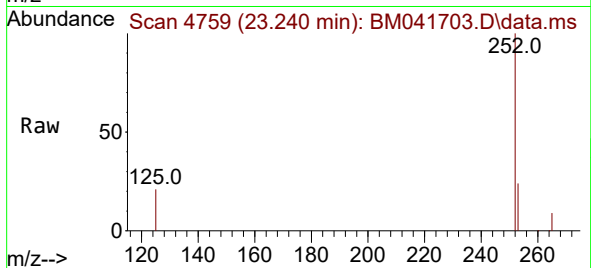
Tgt Ion:252 Resp: 81811

Ion Ratio Lower Upper

252 100

253 24.0 0.0 52.4

125 21.4 0.0 42.8



#26

Benzo(a)pyrene

Concen: 1.095 ng/ul

RT: 23.880 min Scan# 4978

Delta R.T. -0.018 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

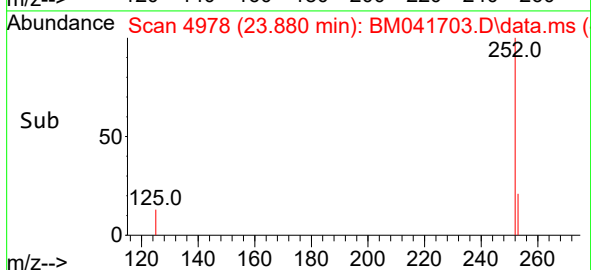
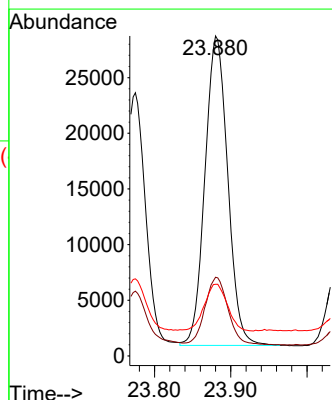
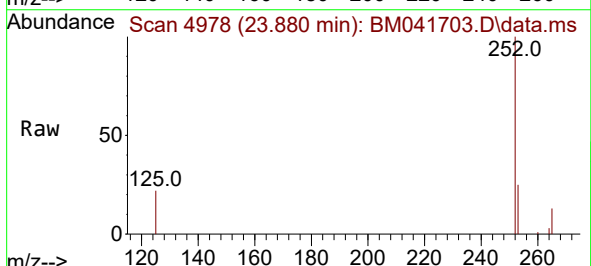
Tgt Ion:252 Resp: 57652

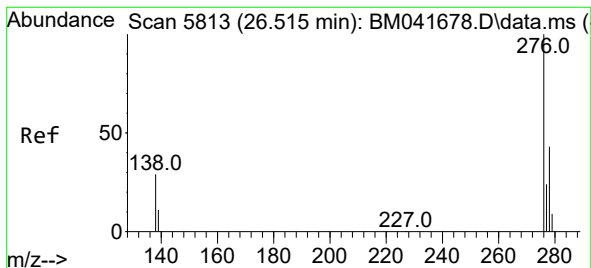
Ion Ratio Lower Upper

252 100

253 24.6 22.4 33.6

125 22.4 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.640 ng/ul

RT: 26.508 min Scan# 5811

Delta R.T. -0.024 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

Instrument :

BNA_M

ClientSampleId :

EZYL3DL

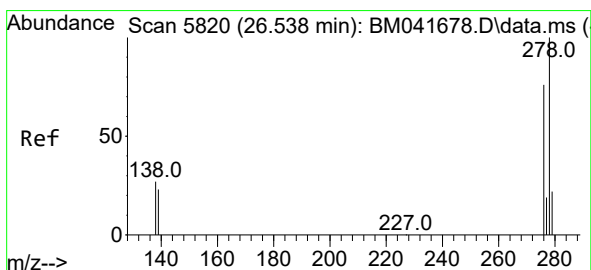
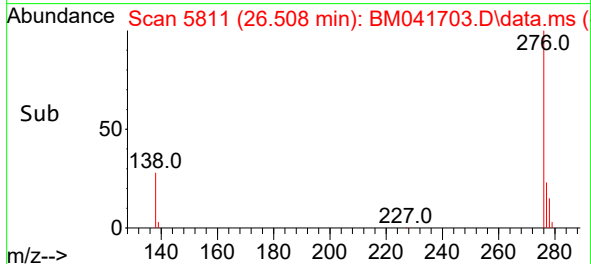
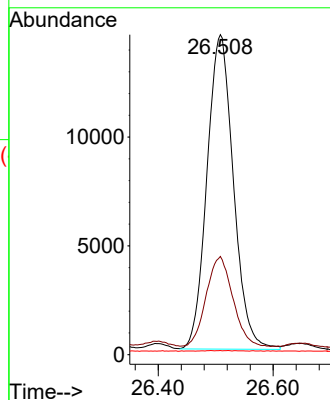
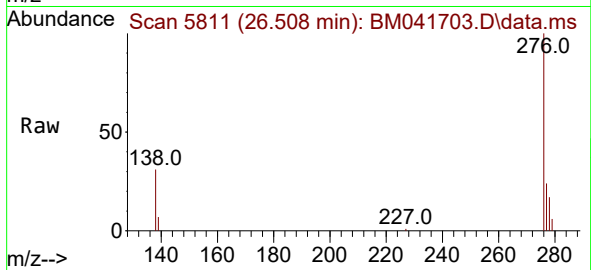
Tgt Ion:276 Resp: 46245

Ion Ratio Lower Upper

276 100

138 29.1 26.4 39.6

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.201 ng/ul

RT: 26.522 min Scan# 5815

Delta R.T. -0.030 min

Lab File: BM041703.D

Acq: 07 Sep 2023 20:13

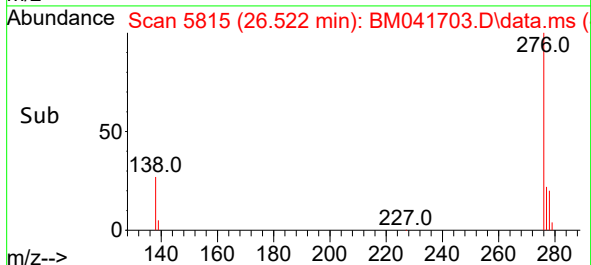
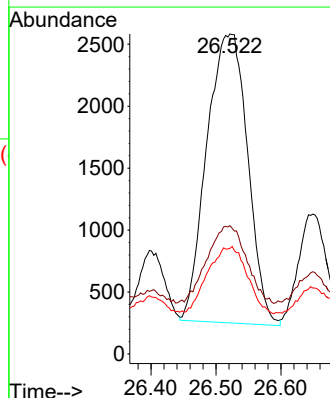
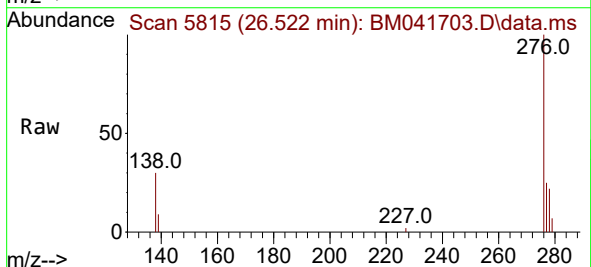
Tgt Ion:278 Resp: 10191

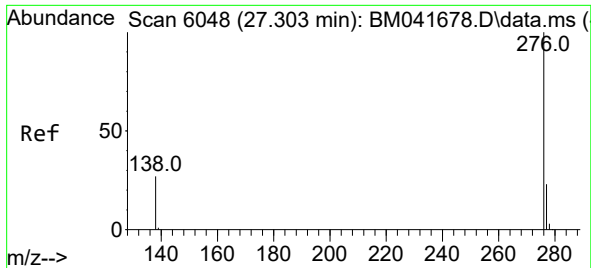
Ion Ratio Lower Upper

278 100

139 40.1 23.0 34.6#

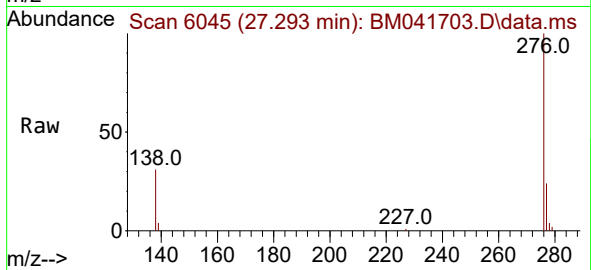
279 33.0 22.9 34.3





#29
 Benzo(g,h,i)perylene
 Concen: 0.760 ng/ul
 RT: 27.293 min Scan# 6045
 Delta R.T. -0.024 min
 Lab File: BM041703.D
 Acq: 07 Sep 2023 20:13

Instrument :
 BNA_M
 ClientSampleId :
 EZYL3DL



Tgt Ion:	276	Resp:	48614
Ion Ratio	Lower	Upper	
276	100		
138	30.8	25.0	37.4
277	24.3	20.2	30.2

