

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041847.D
 Acq On : 14 Sep 2023 01:33
 Operator : MA/JU
 Sample : 04235-10DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK1DL

Quant Time: Sep 14 03:39:27 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)

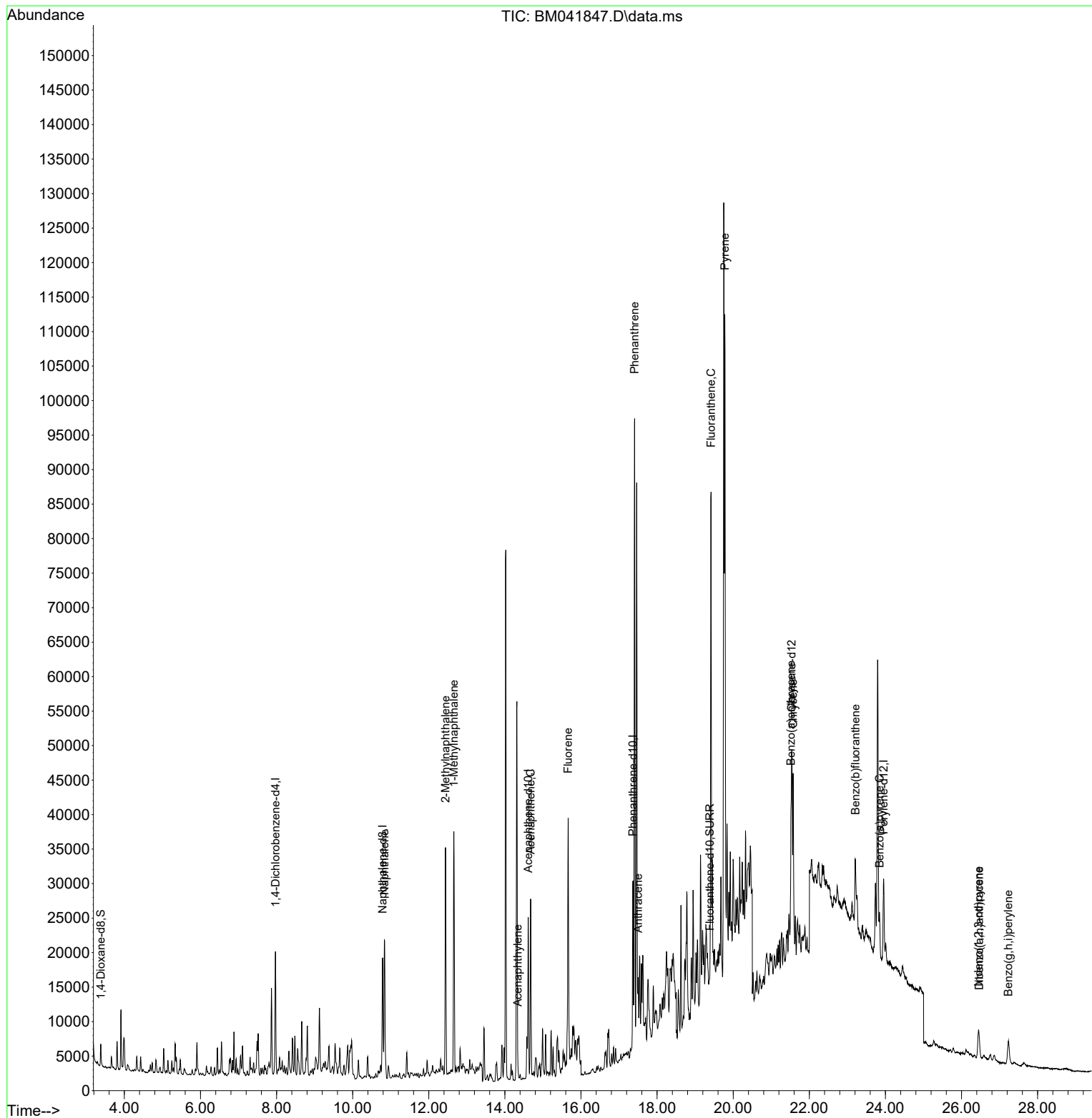
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	8168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	21737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	12136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	27041	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.536	240	14594	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	15973	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	1937	0.186	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	484	0.016	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1152	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	28229	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.440	142	22224	0.505	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	22917	0.510	ng/ul	100
10) Acenaphthylene	14.338	152	1873	0.025	ng/ul#	42
11) Acenaphthene	14.675	153	15159	0.260	ng/ul	98
12) Fluorene	15.661	166	22586	0.332	ng/ul	97
15) Phenanthrene	17.409	178	96339	0.816	ng/ul	98
16) Anthracene	17.498	178	10230	0.099	ng/ul#	84
19) Fluoranthene	19.417	202	64618	0.572	ng/ul	99
20) Pyrene	19.780	202	74549	0.630	ng/ul#	93
21) Benzo(a)anthracene	21.518	228	14717	0.153	ng/ul#	55
22) Chrysene	21.574	228	17990	0.183	ng/ul#	61
24) Benzo(b)fluoranthene	23.211	252	16185	0.142	ng/ul#	1
26) Benzo(a)pyrene	23.845	252	9394	0.108	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.445	276	6987	0.052	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.465	278	2303	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	27.233	276	7096	0.063	ng/ul#	59

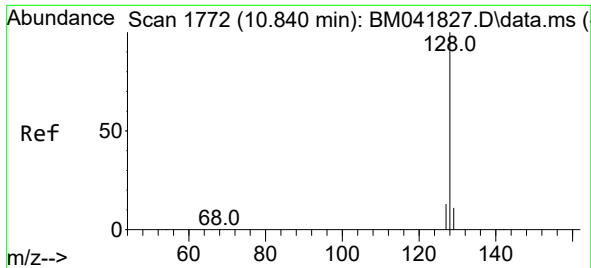
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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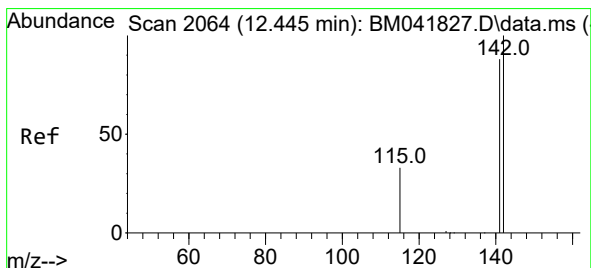
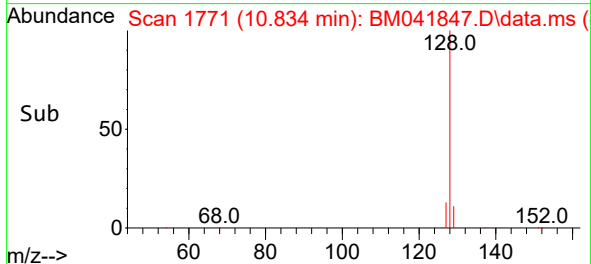
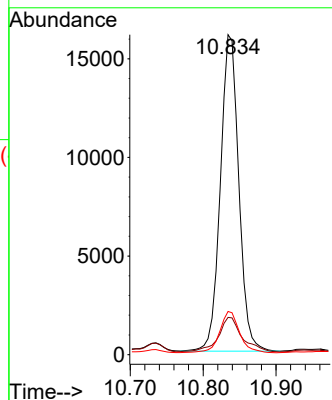
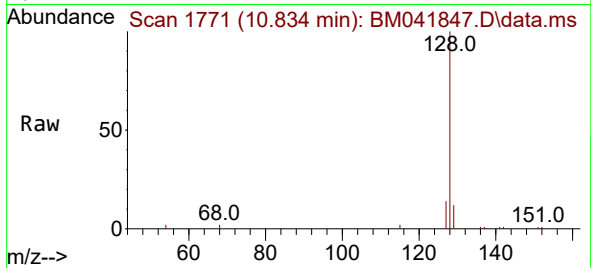




#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

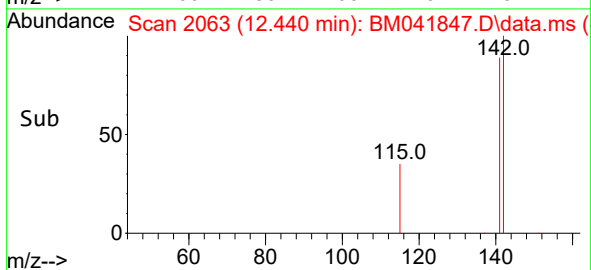
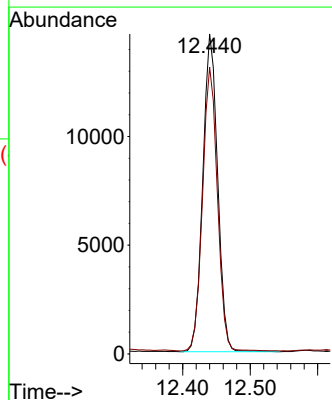
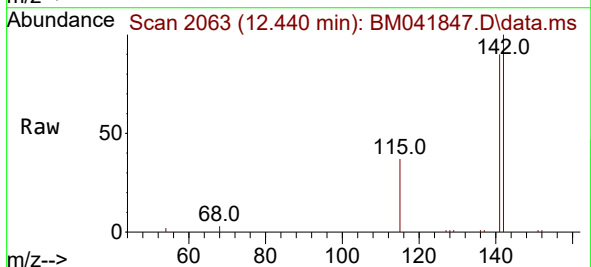
Instrument :
BNA_M
ClientSampleId :
EZYK1DL

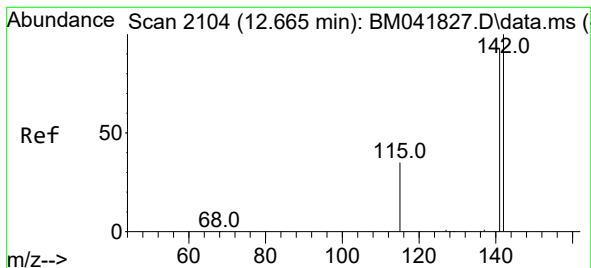
Tgt Ion:128 Resp: 28229
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Tgt Ion:142 Resp: 22224
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1





#8

1-Methylnaphthalene

Concen: 0.510 ng/ul

RT: 12.660 min Scan# 2104

Delta R.T. -0.005 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

Instrument :

BNA_M

ClientSampleId :

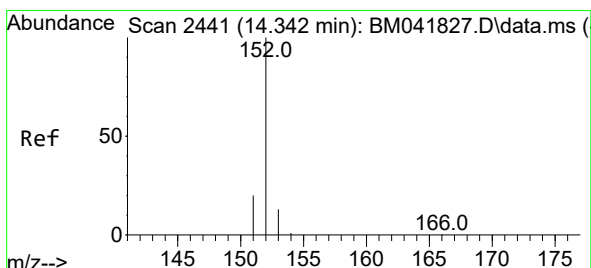
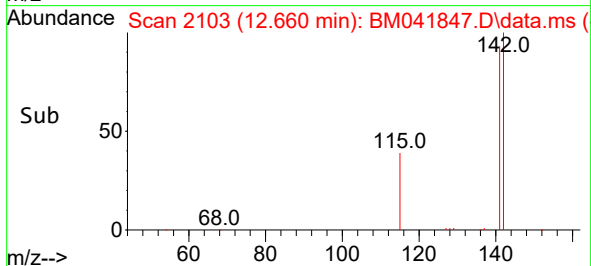
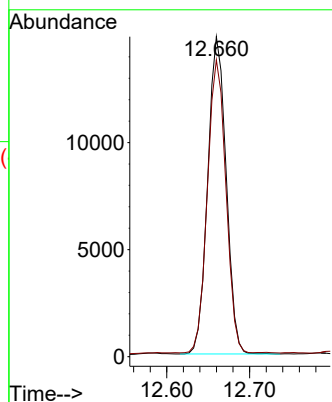
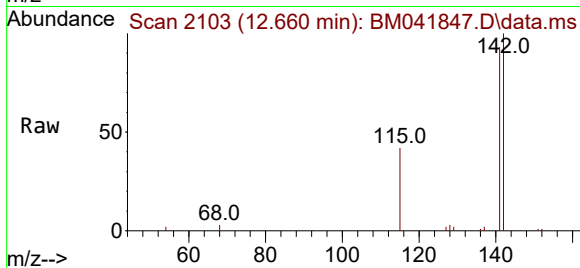
EZYK1DL

Tgt Ion:142 Resp: 22917

Ion Ratio Lower Upper

142 100

141 92.7 74.3 111.5



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

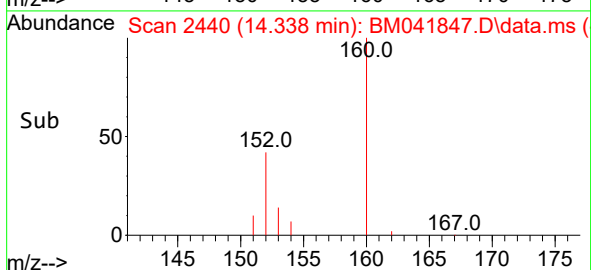
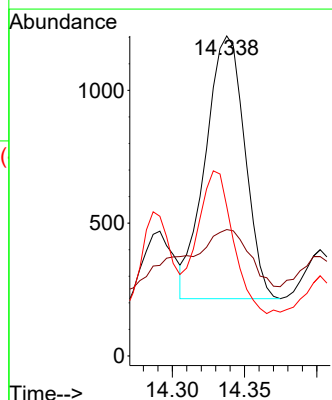
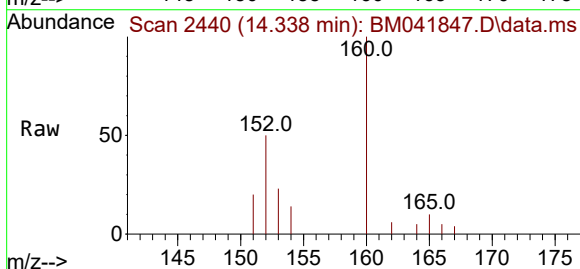
Tgt Ion:152 Resp: 1873

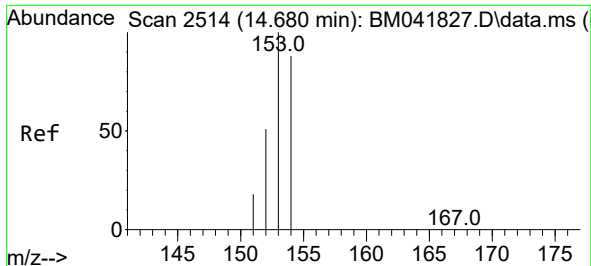
Ion Ratio Lower Upper

152 100

151 39.5 16.3 24.5#

153 46.7 10.9 16.3#

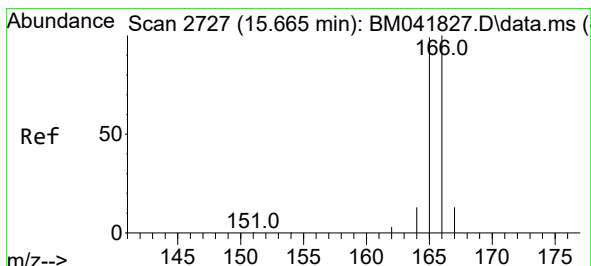
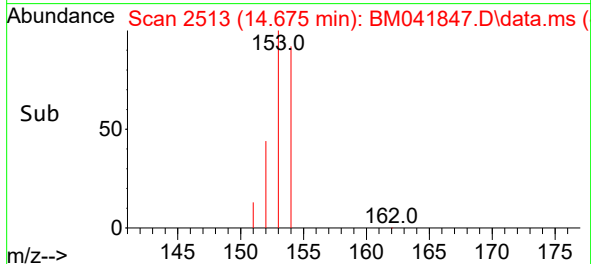
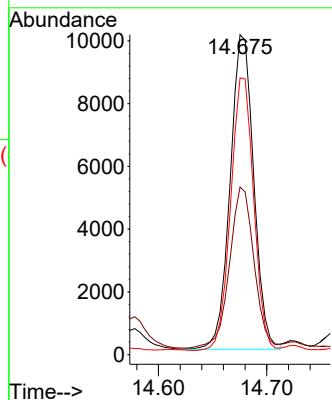
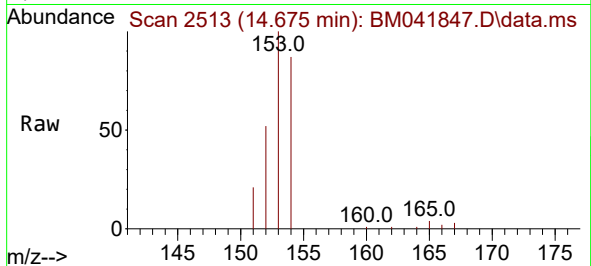




#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.675 min Scan# 213
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

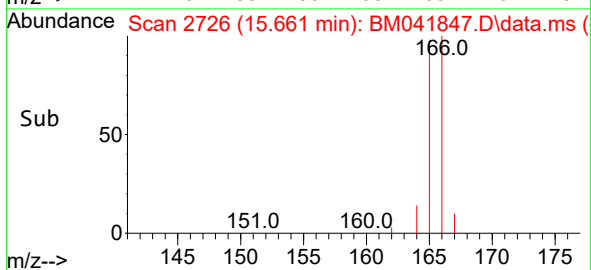
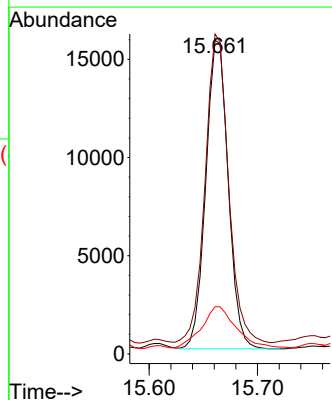
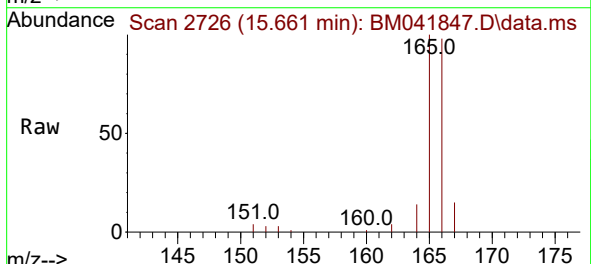
Instrument :
BNA_M
ClientSampleId :
EZYK1DL

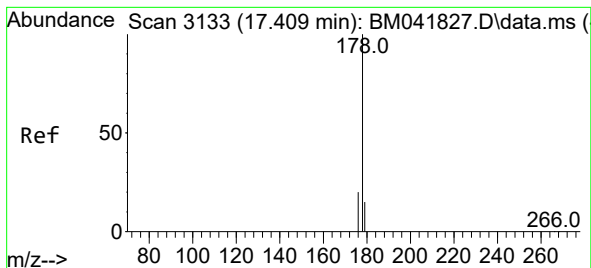
Tgt Ion:153 Resp: 15159
Ion Ratio Lower Upper
153 100
152 52.4 41.5 62.3
154 86.5 70.7 106.1



#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Tgt Ion:166 Resp: 22586
Ion Ratio Lower Upper
166 100
165 102.0 79.3 118.9
167 15.1 11.2 16.8





#15

Phenanthrene

Concen: 0.816 ng/ul

RT: 17.409 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

Instrument :

BNA_M

ClientSampleId :

EZYK1DL

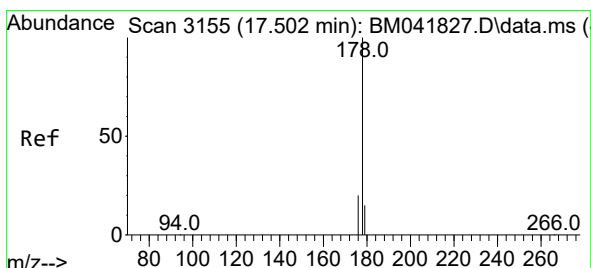
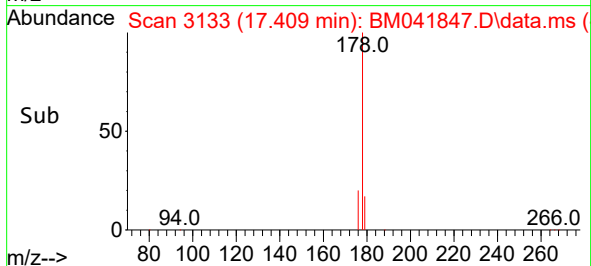
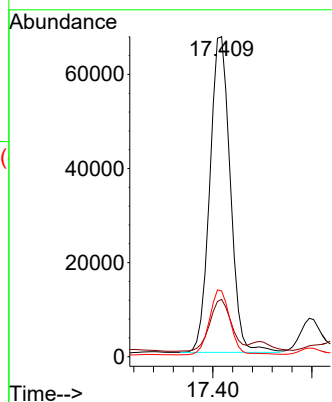
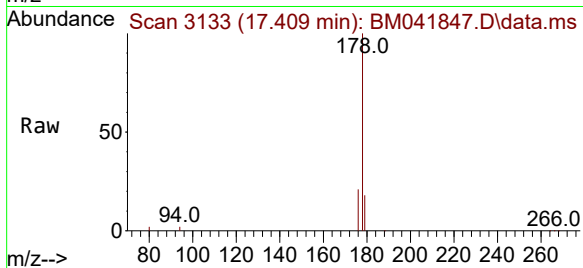
Tgt Ion:178 Resp: 96339

Ion Ratio Lower Upper

178 100

179 17.9 12.6 19.0

176 20.6 16.6 25.0



#16

Anthracene

Concen: 0.099 ng/ul

RT: 17.498 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BM041847.D

Acq: 14 Sep 2023 01:33

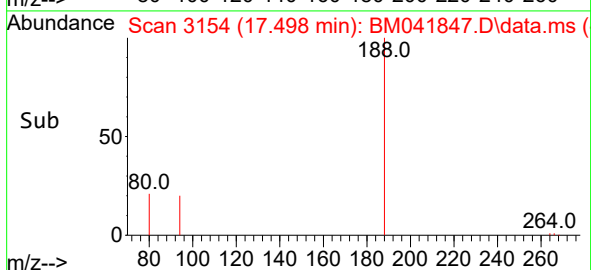
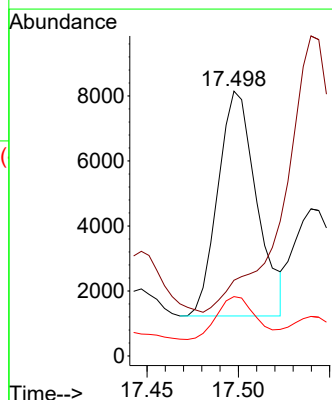
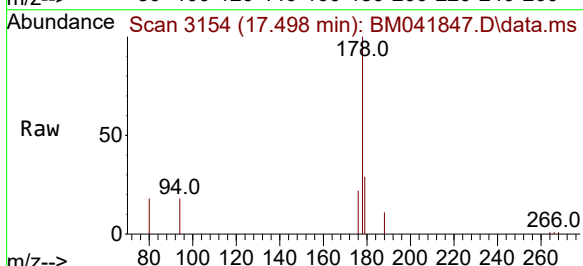
Tgt Ion:178 Resp: 10230

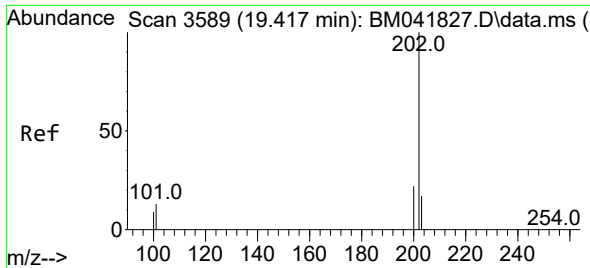
Ion Ratio Lower Upper

178 100

179 28.6 12.7 19.1#

176 22.4 16.1 24.1

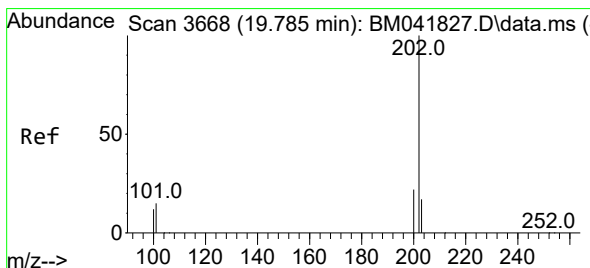
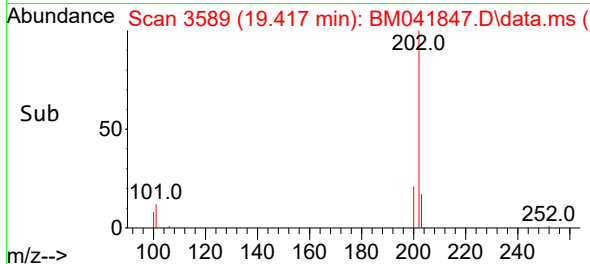
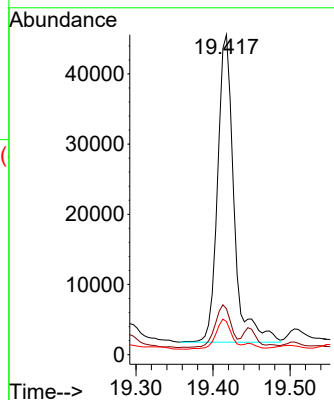
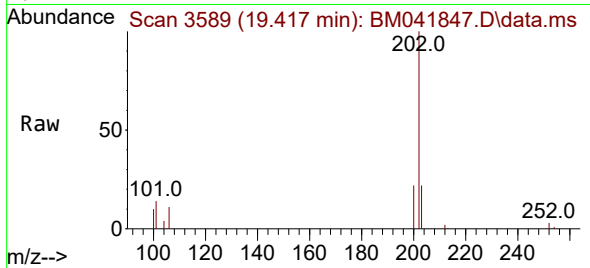




#19
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

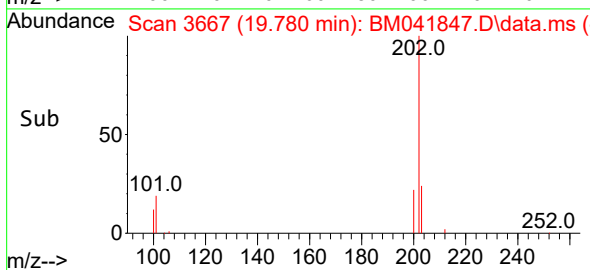
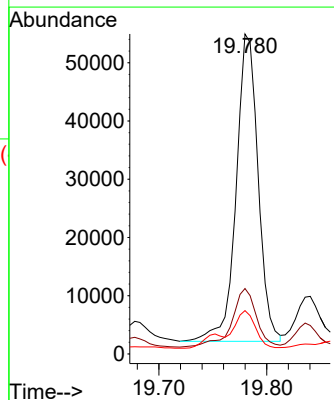
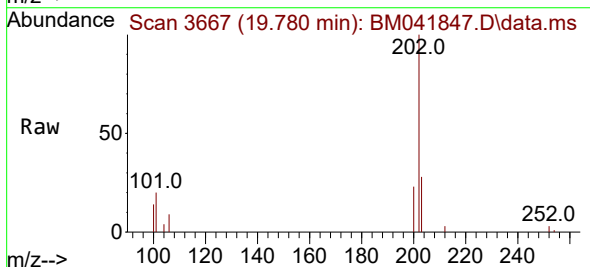
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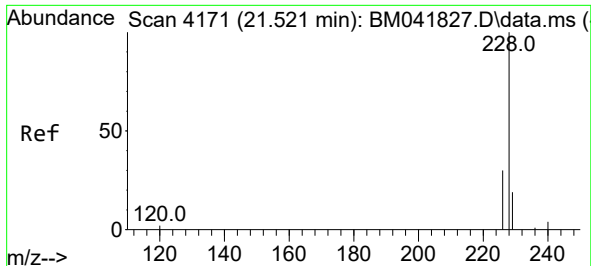
Tgt Ion:202 Resp: 64618
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.6
100 10.4 8.2 12.4



#20
Pyrene
Concen: 0.630 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

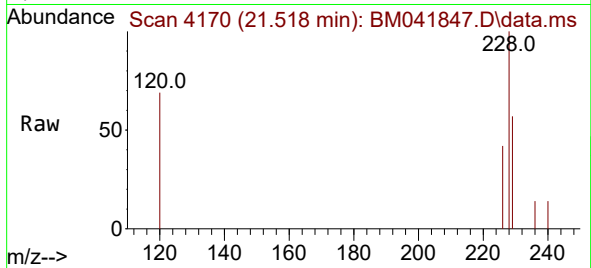
Tgt Ion:202 Resp: 74549
Ion Ratio Lower Upper
202 100
101 20.4 12.6 19.0#
100 13.6 9.9 14.9



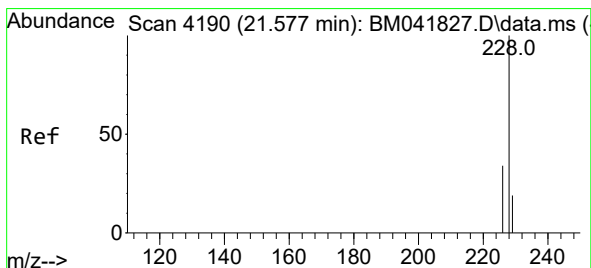
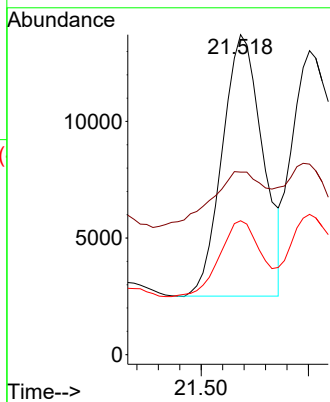
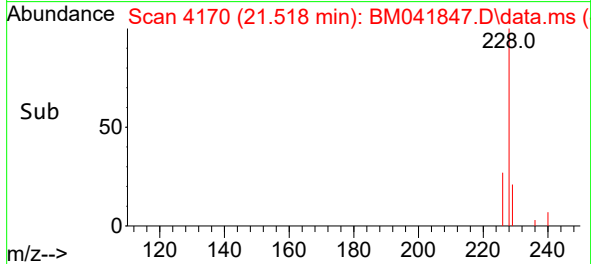


#21
Benzo(a)anthracene
Concen: 0.153 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
EZYK1DL

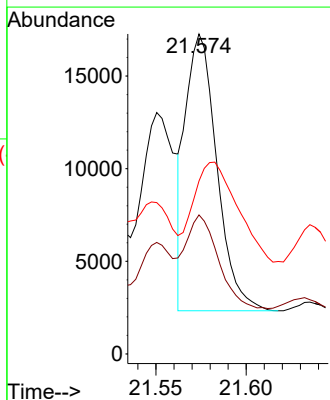
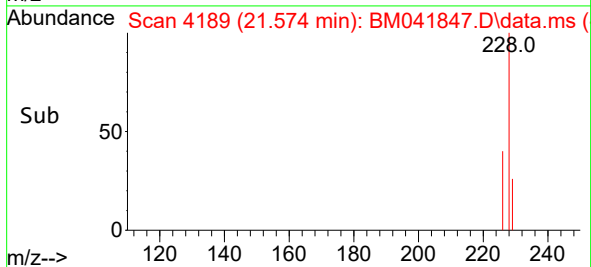
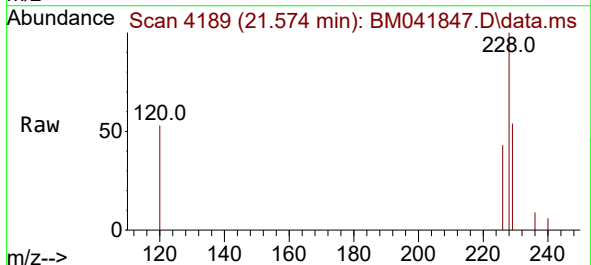


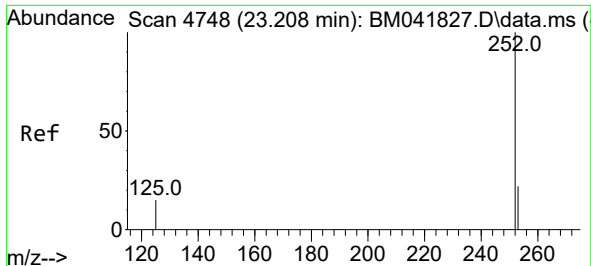
Tgt Ion:228 Resp: 14717
Ion Ratio Lower Upper
228 100
229 57.0 15.8 23.8#
226 41.9 24.3 36.5#



#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

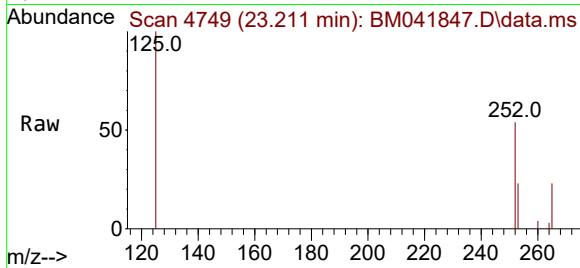
Tgt Ion:228 Resp: 17990
Ion Ratio Lower Upper
228 100
226 43.4 27.0 40.4#
229 54.1 15.7 23.5#



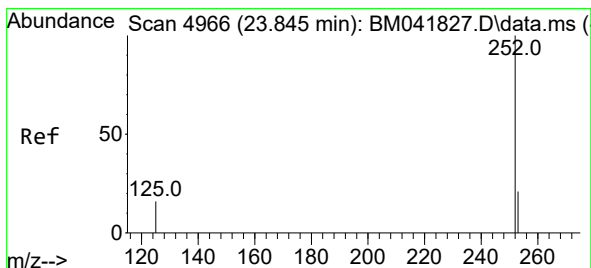
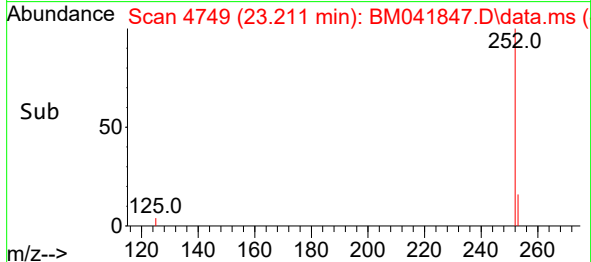
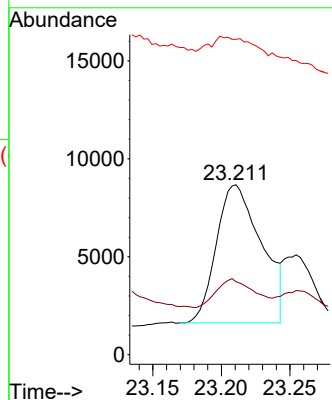


#24
Benzo(b)fluoranthene
Concen: 0.142 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
EZYK1DL

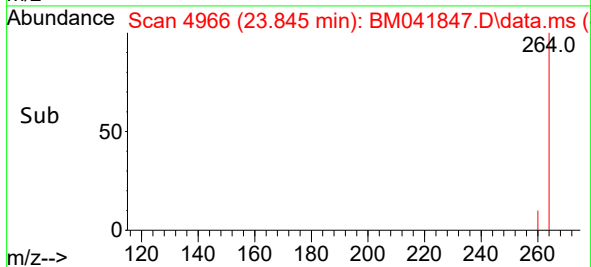
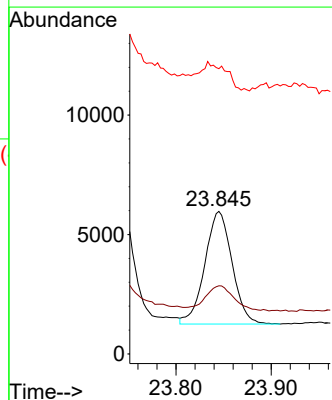
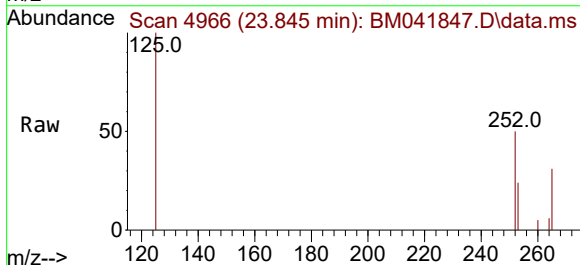


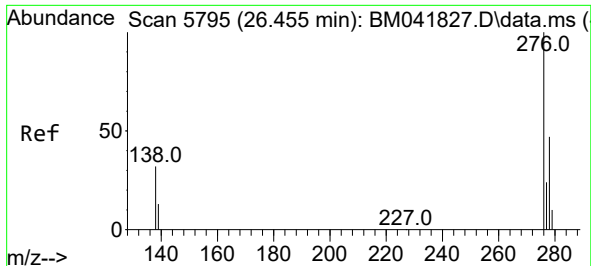
Tgt Ion:252 Resp: 16185
Ion Ratio Lower Upper
252 100
253 42.9 0.0 51.0
125 185.5 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.845 min Scan# 4966
Delta R.T. -0.000 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Tgt Ion:252 Resp: 9394
Ion Ratio Lower Upper
252 100
253 47.8 21.8 32.8#
125 200.1 18.8 28.2#

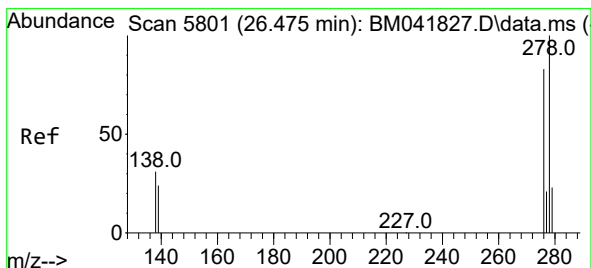
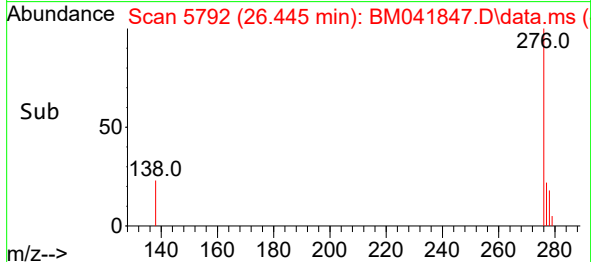
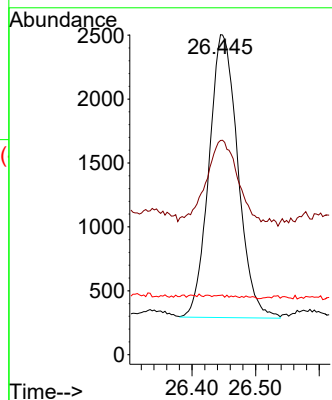
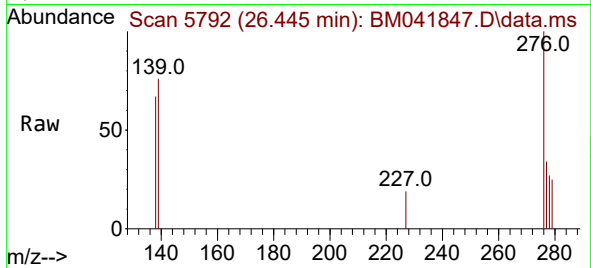




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.052 ng/ul
 RT: 26.445 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM041847.D
 Acq: 14 Sep 2023 01:33

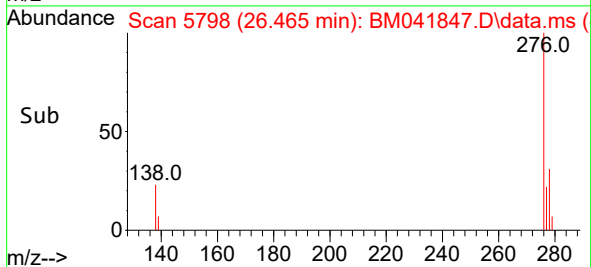
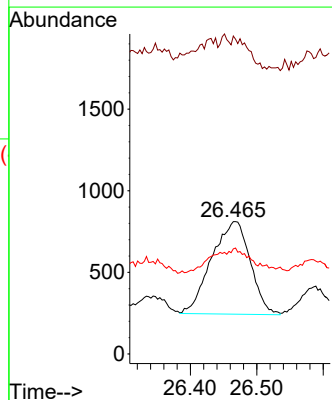
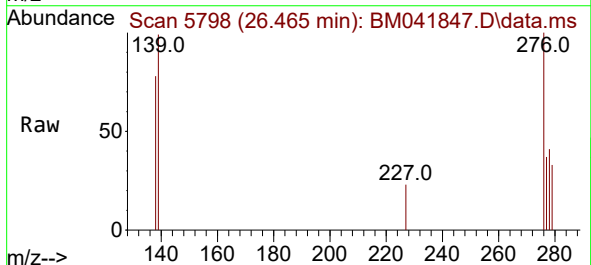
Instrument :
 BNA_M
 ClientSampleId :
 EZYK1DL

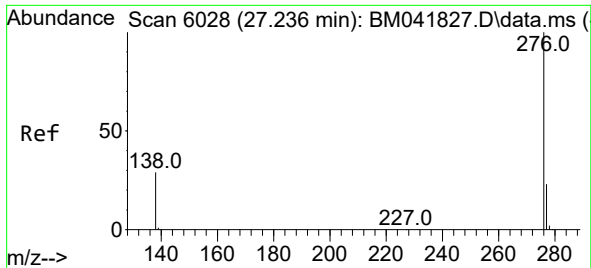
Tgt Ion:276 Resp: 6987
 Ion Ratio Lower Upper
 276 100
 138 30.3 27.7 41.5
 227 0.6 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 26.465 min Scan# 5798
 Delta R.T. -0.010 min
 Lab File: BM041847.D
 Acq: 14 Sep 2023 01:33

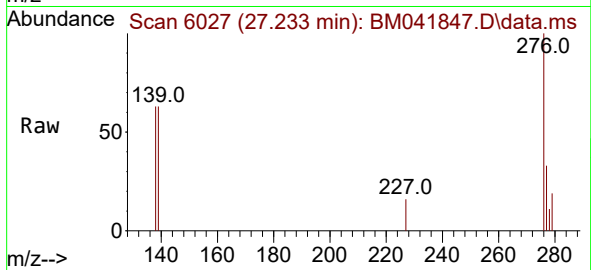
Tgt Ion:278 Resp: 2303
 Ion Ratio Lower Upper
 278 100
 139 240.2 20.9 31.3#
 279 79.4 20.3 30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: BM041847.D
Acq: 14 Sep 2023 01:33

Instrument :
BNA_M
ClientSampleId :
EZYK1DL



Tgt Ion:276 Resp: 7096
Ion Ratio Lower Upper
276 100
138 62.5 24.7 37.1#
277 33.3 19.3 28.9#

