

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041859.D
 Acq On : 14 Sep 2023 09:30
 Operator : MA/JU
 Sample : 04175-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD3

Quant Time: Sep 15 00:28:09 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)

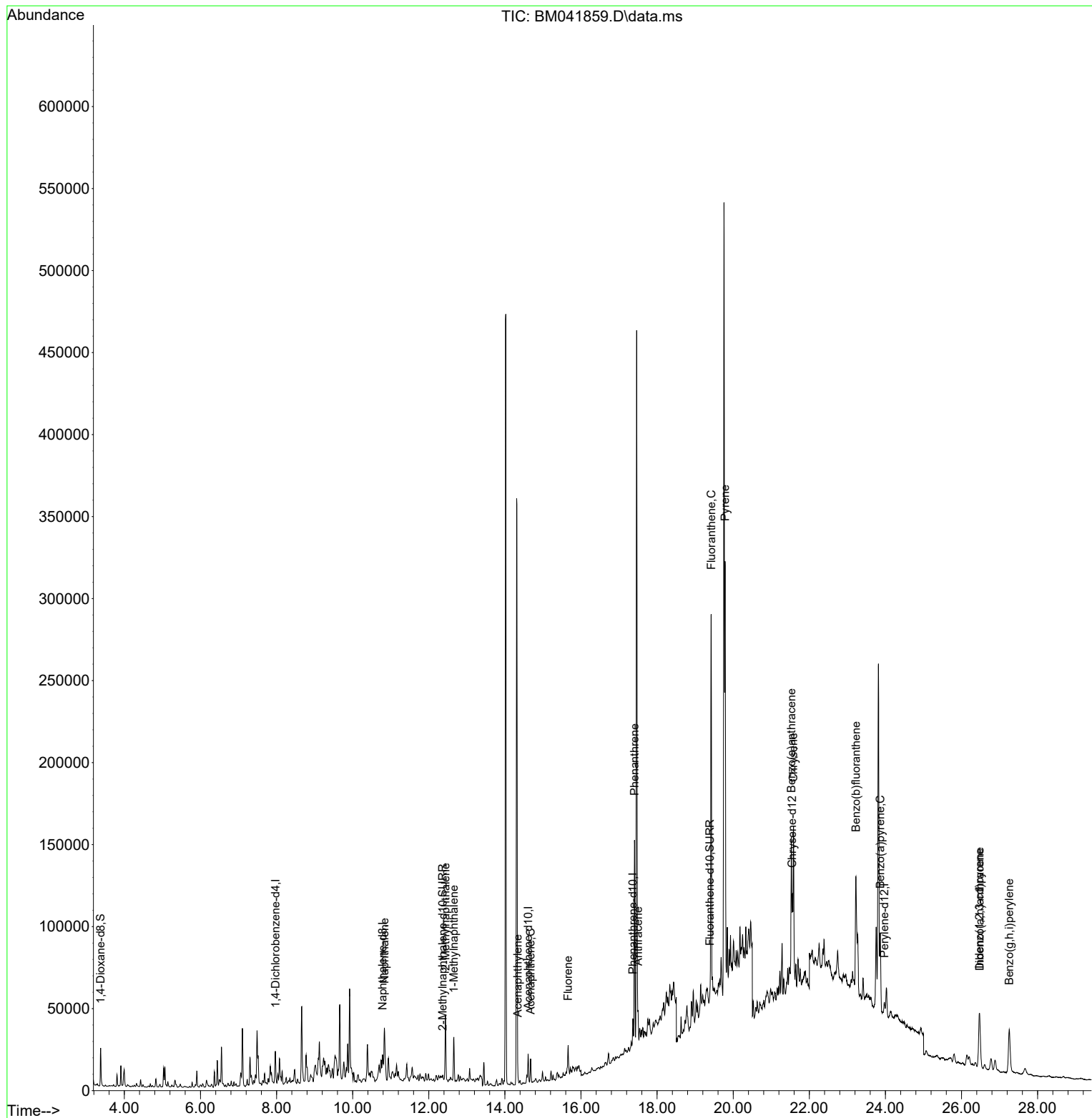
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	17507	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.611	164	9351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	18954	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	10720	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	9140	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	13613	1.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3493	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	4994	0.136	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	42925	0.727	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	27274	0.769	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	17097	0.473	ng/ul	99
10) Acenaphthylene	14.338	152	5709	0.097	ng/ul#	57
11) Acenaphthene	14.675	153	8640	0.192	ng/ul	95
12) Fluorene	15.661	166	11336	0.216	ng/ul#	87
15) Phenanthrene	17.405	178	129148	1.561	ng/ul#	95
16) Anthracene	17.497	178	21254	0.295	ng/ul#	73
19) Fluoranthene	19.422	202	205414	2.474	ng/ul	97
20) Pyrene	19.789	202	219739	2.528	ng/ul	97
21) Benzo(a)anthracene	21.527	228	74904	1.059	ng/ul#	70
22) Chrysene	21.583	228	75274	1.040	ng/ul#	68
24) Benzo(b)fluoranthene	23.225	252	124370	1.912	ng/ul#	40
26) Benzo(a)pyrene	23.866	252	71744	1.447	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.471	276	57991	0.760	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.478	278	15362	0.273	ng/ul#	1
29) Benzo(g,h,i)perylene	27.253	276	55865	0.866	ng/ul#	85

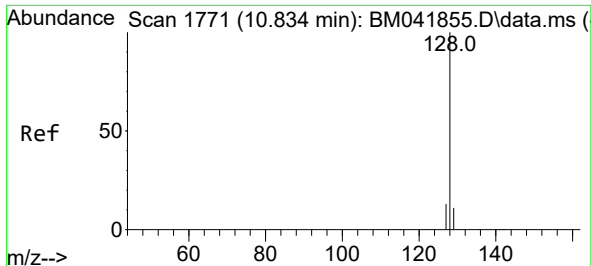
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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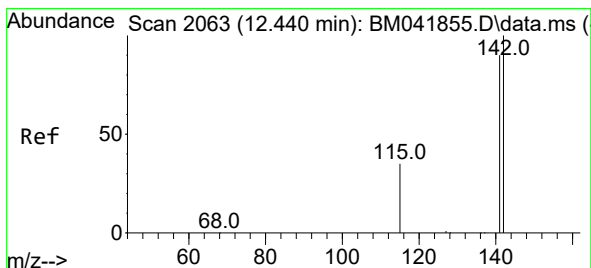
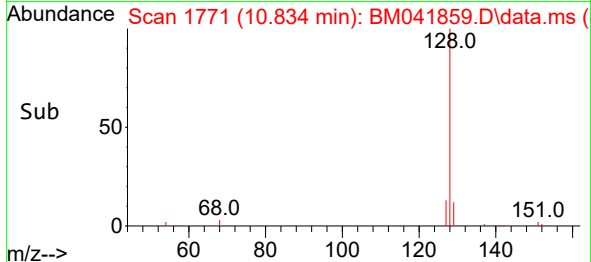
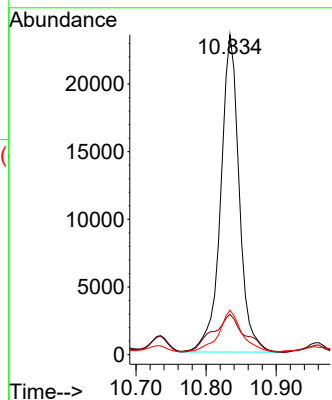
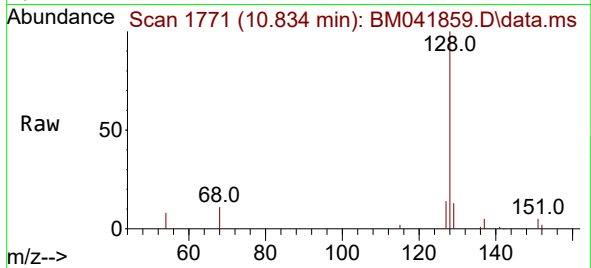




#5
Naphthalene
Concen: 0.727 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

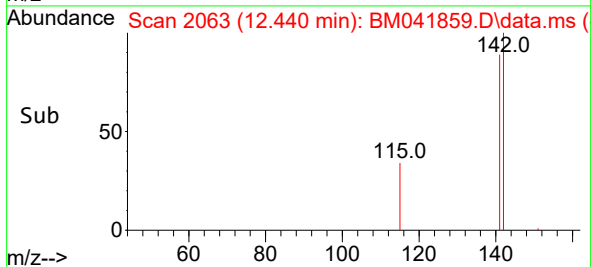
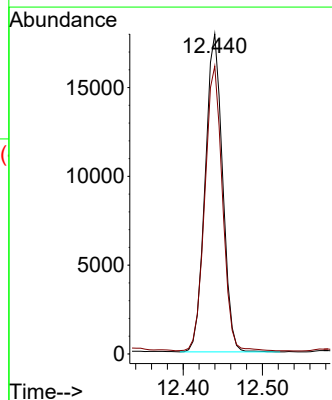
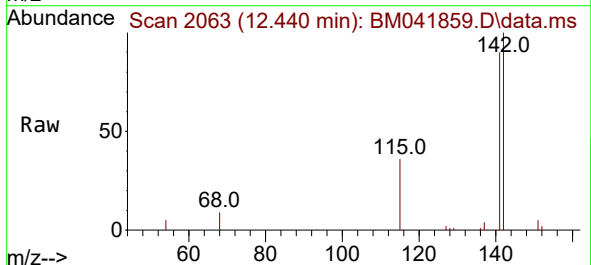
Instrument :
BNA_M
ClientSampleId :
EZYD3

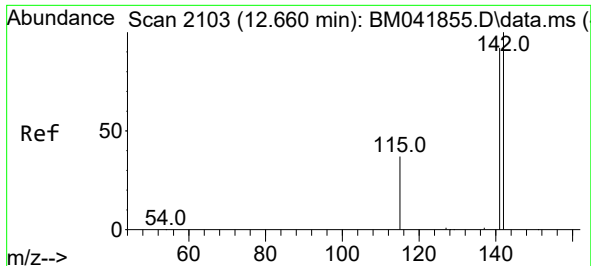
Tgt Ion:128 Resp: 42925
Ion Ratio Lower Upper
128 100
129 12.6 9.5 14.3
127 13.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.769 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

Tgt Ion:142 Resp: 27274
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1

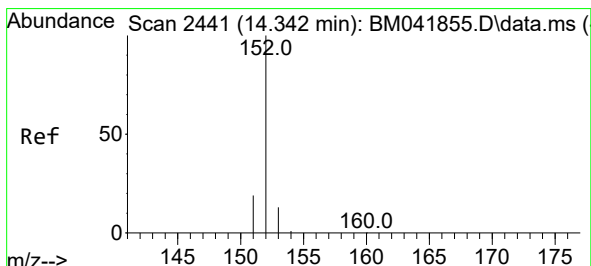
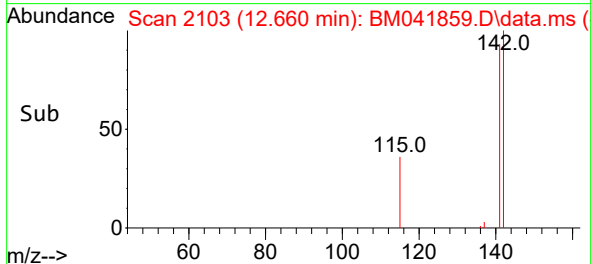
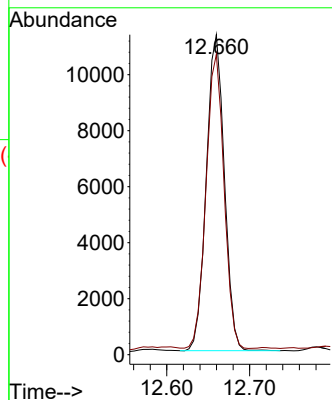
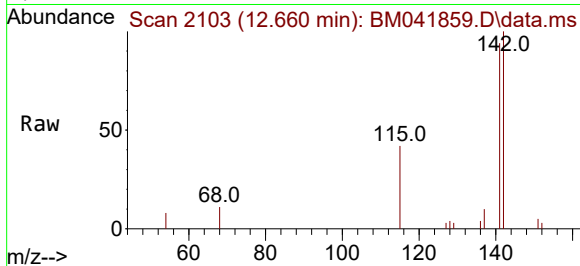




#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

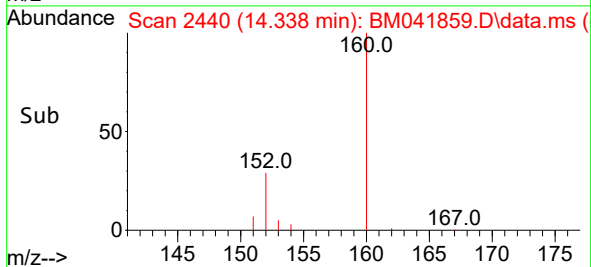
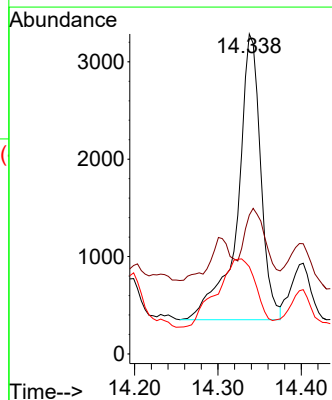
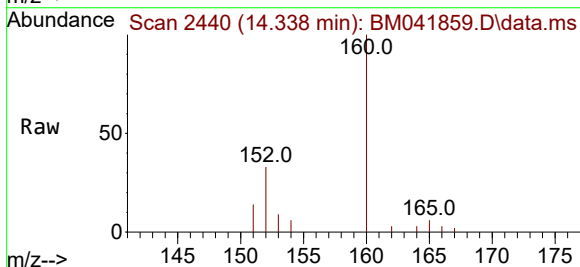
Instrument :
BNA_M
ClientSampleId :
EZYD3

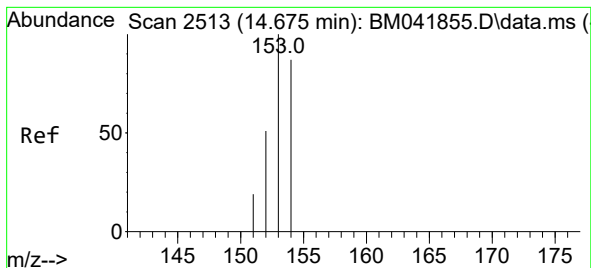
Tgt Ion:142 Resp: 17097
Ion Ratio Lower Upper
142 100
141 92.4 74.3 111.5



#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

Tgt Ion:152 Resp: 5709
Ion Ratio Lower Upper
152 100
151 43.4 16.3 24.5#
153 27.3 10.9 16.3#





#11

Acenaphthene

Concen: 0.192 ng/ul

RT: 14.675 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

Instrument :

BNA_M

ClientSampleId :

EZYD3

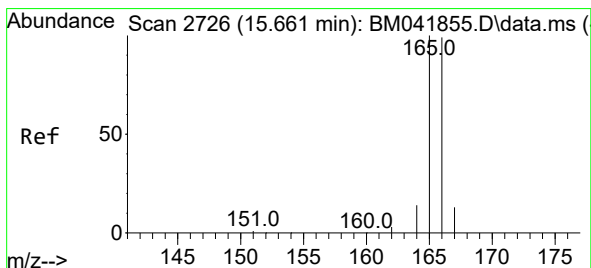
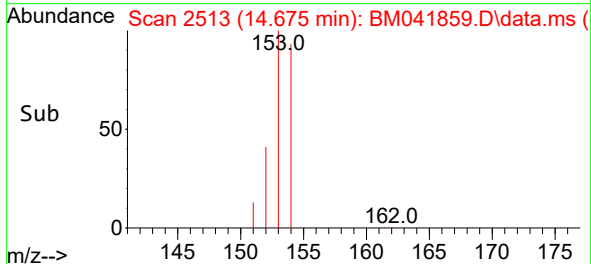
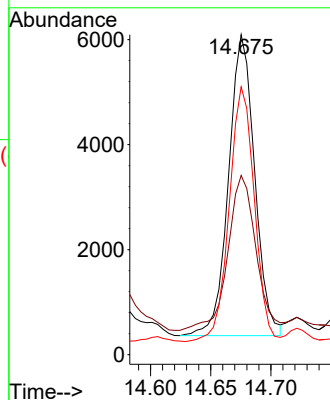
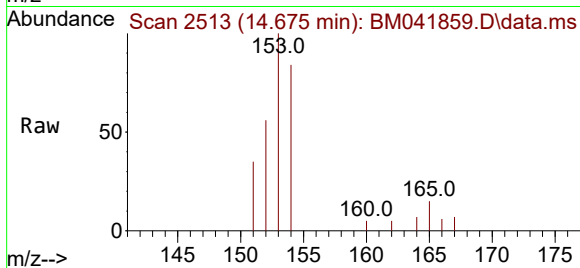
Tgt Ion:153 Resp: 8640

Ion Ratio Lower Upper

153 100

152 56.0 41.5 62.3

154 83.7 70.7 106.1



#12

Fluorene

Concen: 0.216 ng/ul

RT: 15.661 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

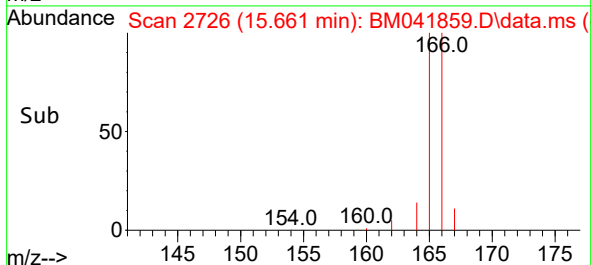
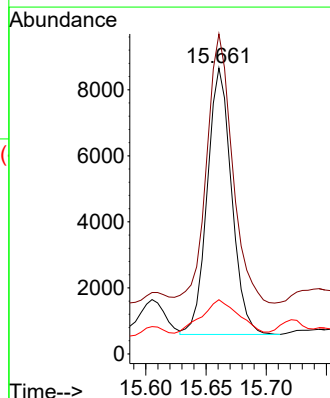
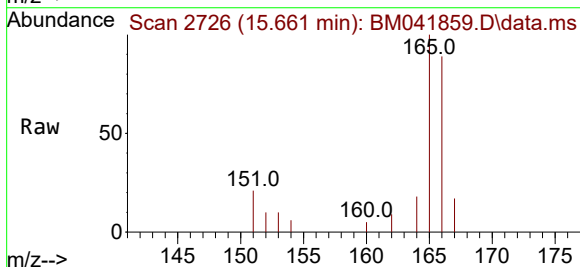
Tgt Ion:166 Resp: 11336

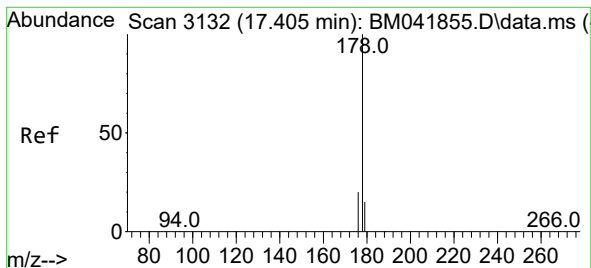
Ion Ratio Lower Upper

166 100

165 111.9 79.3 118.9

167 18.9 11.2 16.8#





#15

Phenanthrene

Concen: 1.561 ng/ul

RT: 17.405 min Scan# 3132

Delta R.T. -0.004 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

Instrument :

BNA_M

ClientSampleId :

EZYD3

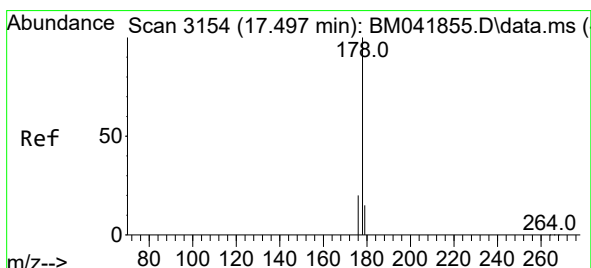
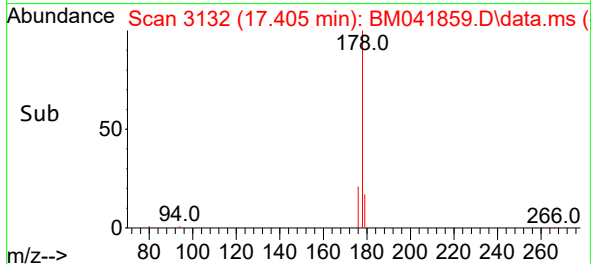
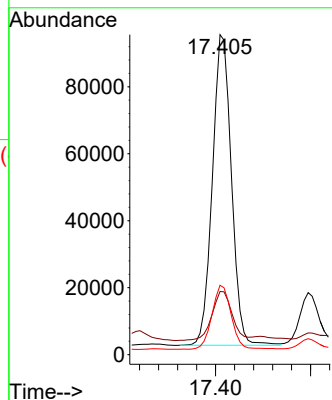
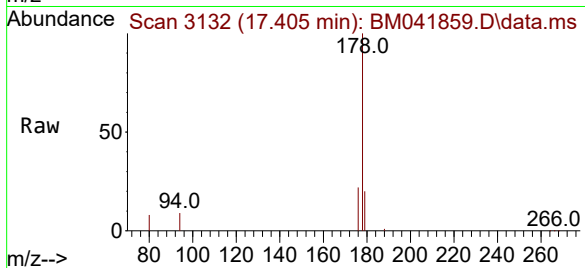
Tgt Ion:178 Resp: 129148

Ion Ratio Lower Upper

178 100

179 19.8 12.6 19.0#

176 21.7 16.6 25.0



#16

Anthracene

Concen: 0.295 ng/ul

RT: 17.497 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

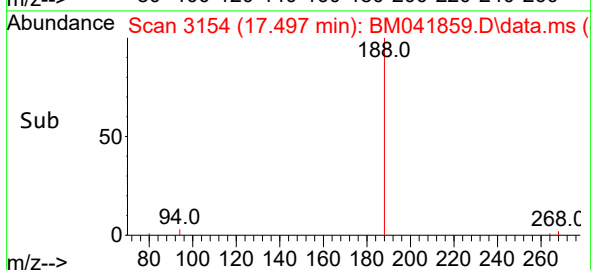
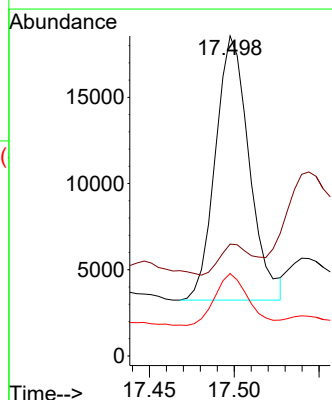
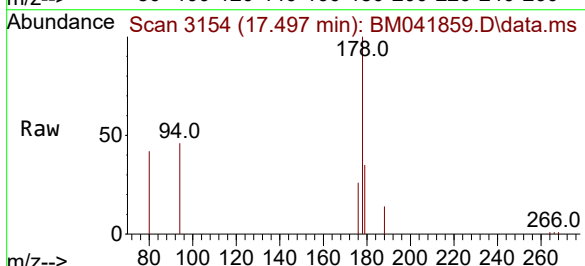
Tgt Ion:178 Resp: 21254

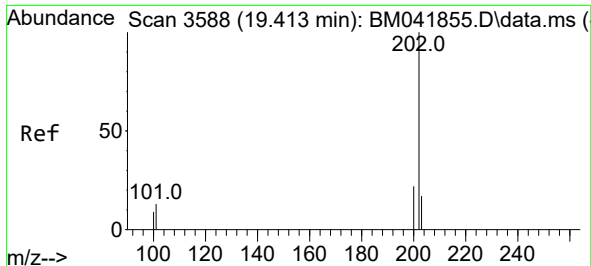
Ion Ratio Lower Upper

178 100

179 35.0 12.7 19.1#

176 25.8 16.1 24.1#

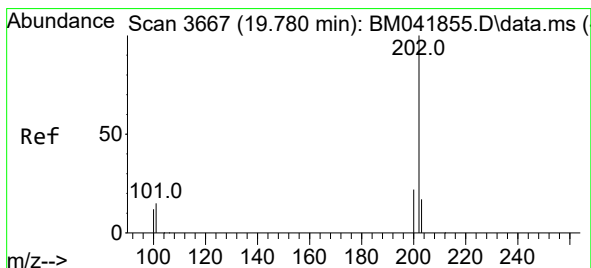
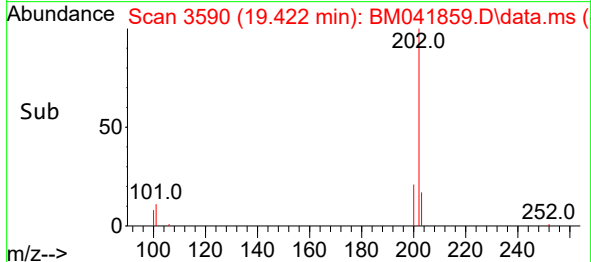
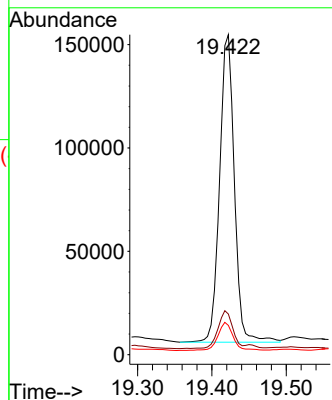
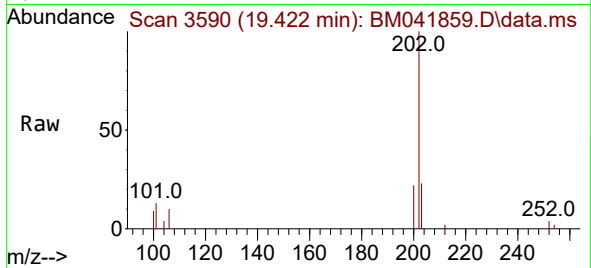




#19
Fluoranthene
Concen: 2.474 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

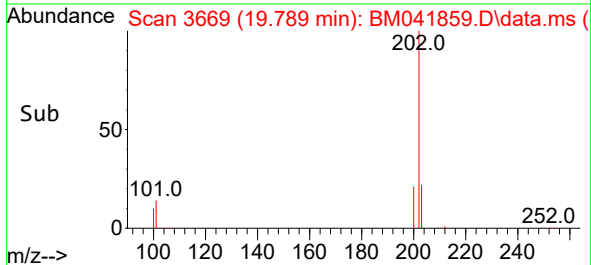
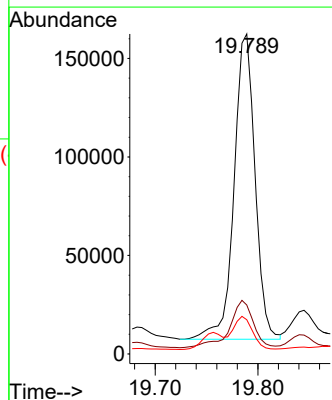
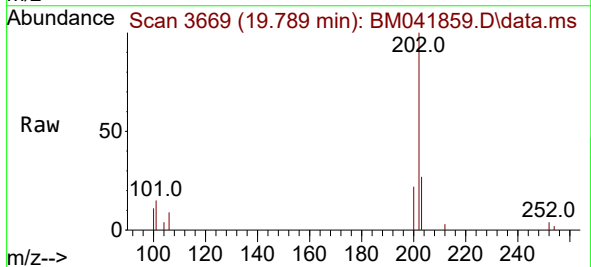
Instrument :
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EZYD3

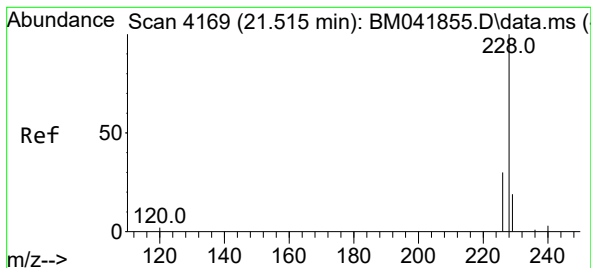
Tgt Ion:202 Resp: 205414
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.6
100 9.2 8.2 12.4



#20
Pyrene
Concen: 2.528 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

Tgt Ion:202 Resp: 219739
Ion Ratio Lower Upper
202 100
101 15.3 12.6 19.0
100 10.7 9.9 14.9





#21

Benzo(a)anthracene

Concen: 1.059 ng/ul

RT: 21.527 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

Instrument :

BNA_M

ClientSampleId :

EZYD3

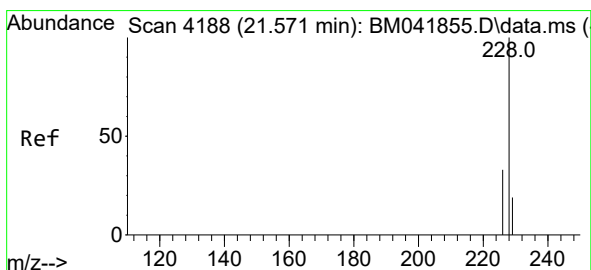
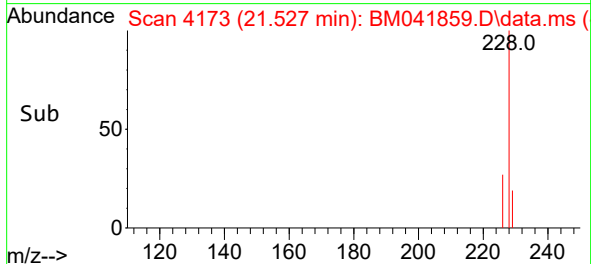
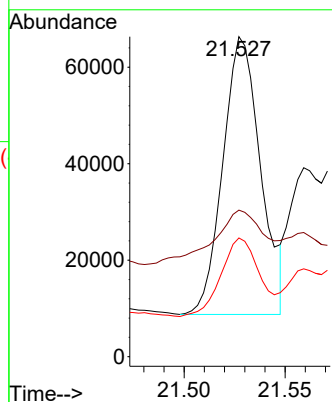
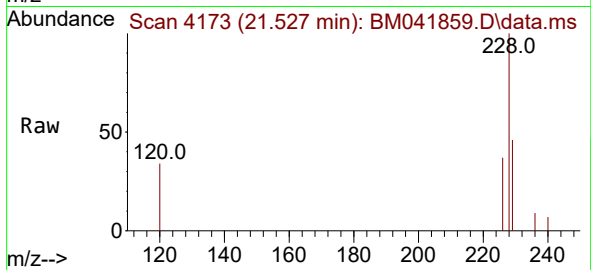
Tgt Ion:228 Resp: 74904

Ion Ratio Lower Upper

228 100

229 45.8 15.8 23.8#

226 37.1 24.3 36.5#



#22

Chrysene

Concen: 1.040 ng/ul

RT: 21.583 min Scan# 4192

Delta R.T. 0.006 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

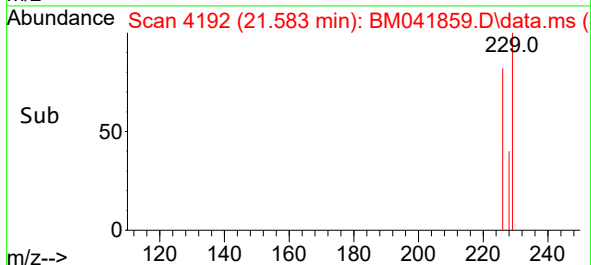
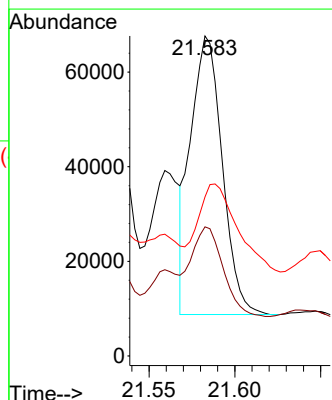
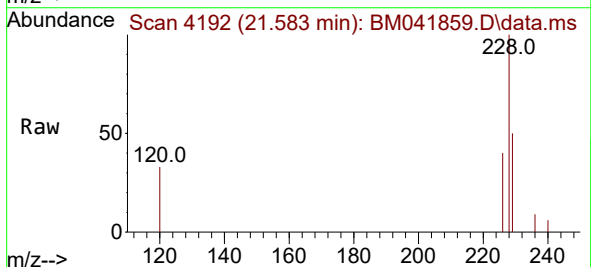
Tgt Ion:228 Resp: 75274

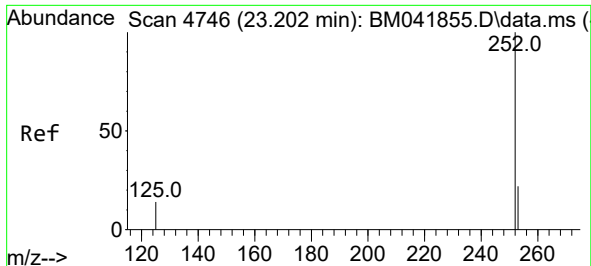
Ion Ratio Lower Upper

228 100

226 40.3 27.0 40.4

229 49.7 15.7 23.5#

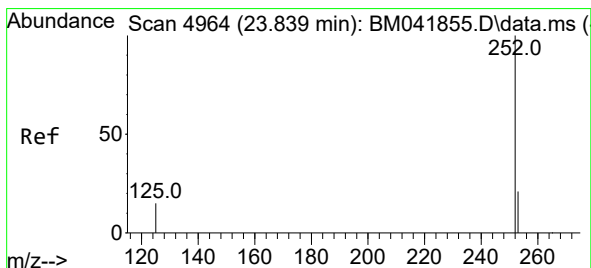
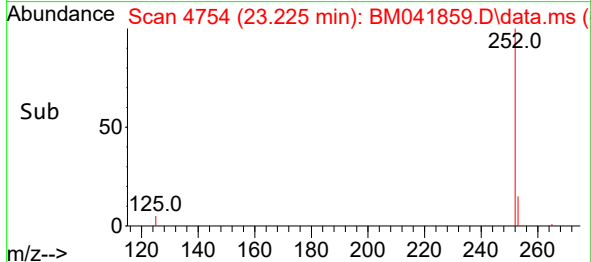
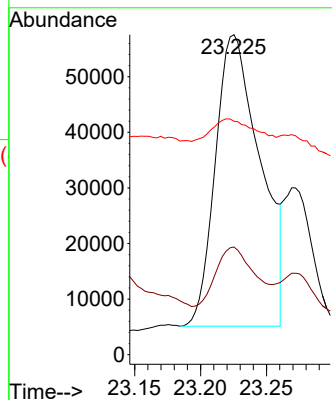
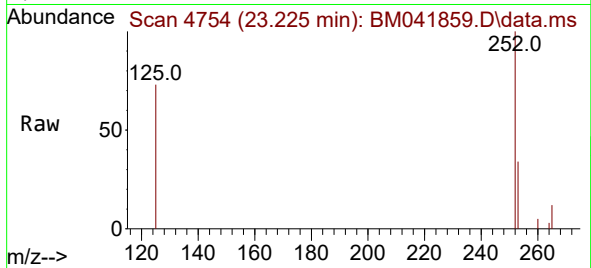




#24
Benzo(b)fluoranthene
Concen: 1.912 ng/ul
RT: 23.225 min Scan# 41
Delta R.T. 0.017 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

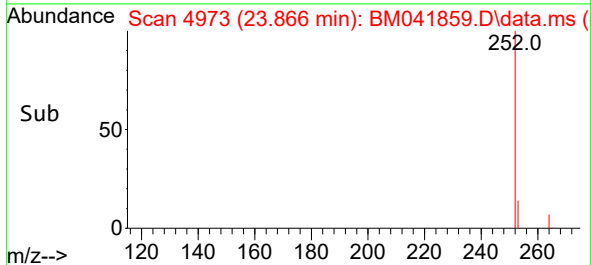
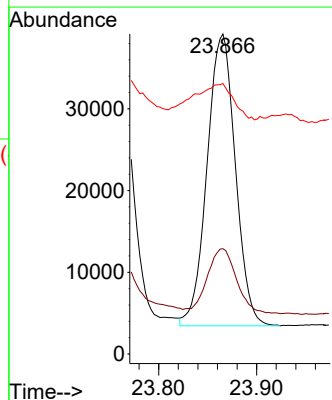
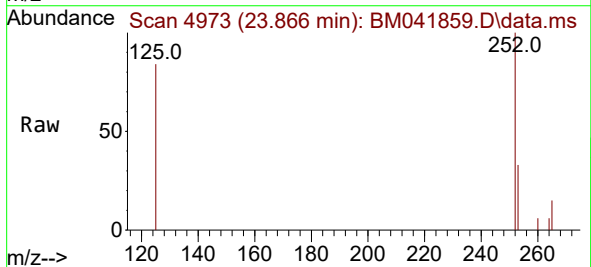
Instrument :
BNA_M
ClientSampleId :
EZYD3

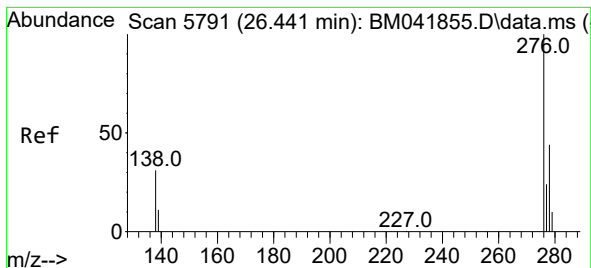
Tgt Ion:252 Resp: 124370
Ion Ratio Lower Upper
252 100
253 33.6 0.0 51.0
125 72.9 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 1.447 ng/ul
RT: 23.866 min Scan# 4973
Delta R.T. 0.020 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

Tgt Ion:252 Resp: 71744
Ion Ratio Lower Upper
252 100
253 32.9 21.8 32.8#
125 84.5 18.8 28.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.760 ng/ul

RT: 26.471 min Scan# 57991

Delta R.T. 0.017 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

Instrument :

BNA_M

ClientSampleId :

EZYD3

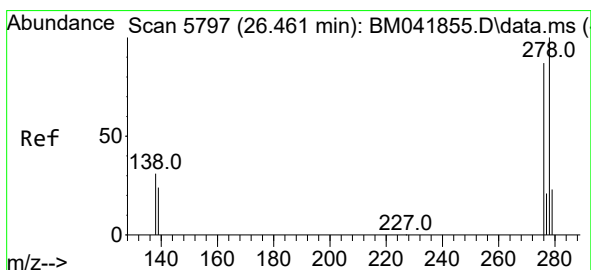
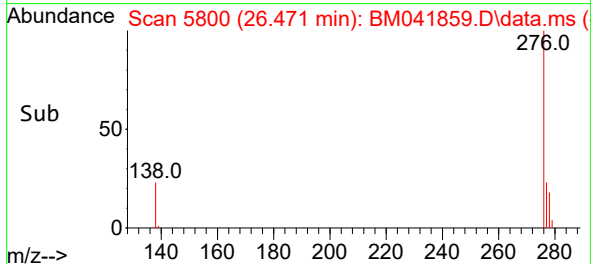
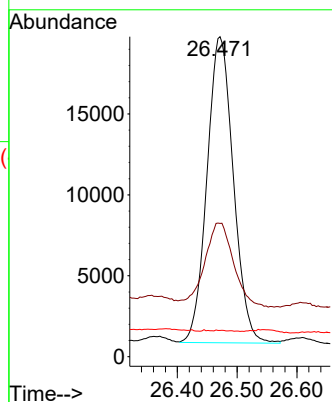
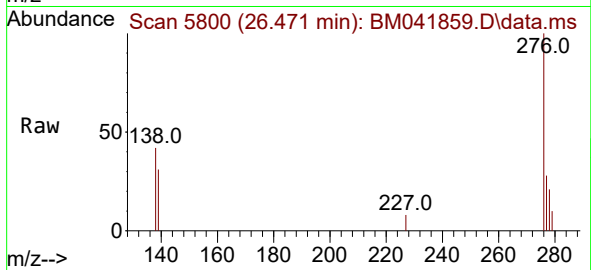
Tgt Ion:276 Resp: 57991

Ion Ratio Lower Upper

276 100

138 30.2 27.7 41.5

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.273 ng/ul

RT: 26.478 min Scan# 5802

Delta R.T. 0.003 min

Lab File: BM041859.D

Acq: 14 Sep 2023 09:30

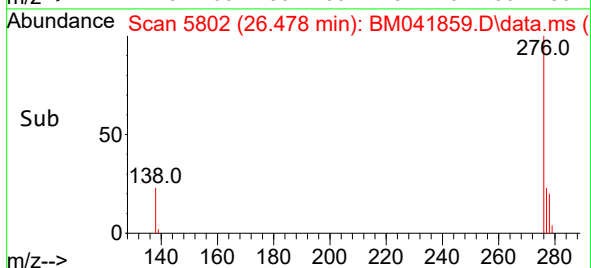
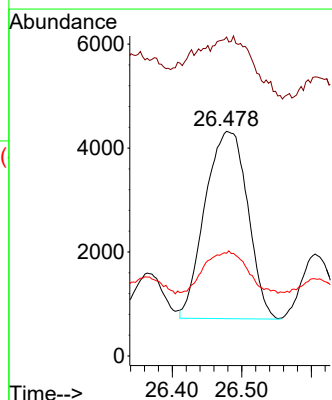
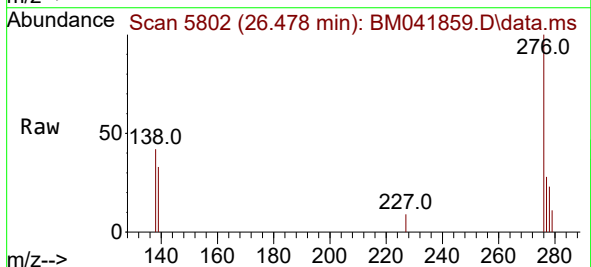
Tgt Ion:278 Resp: 15362

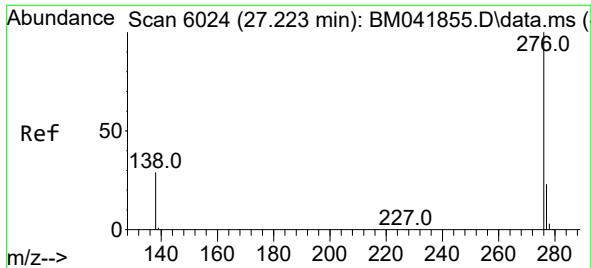
Ion Ratio Lower Upper

278 100

139 141.9 20.9 31.3#

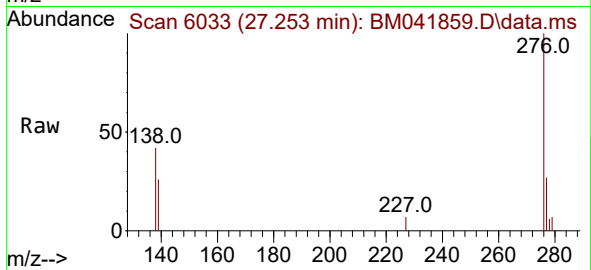
279 45.7 20.3 30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.866 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. 0.017 min
Lab File: BM041859.D
Acq: 14 Sep 2023 09:30

Instrument :
BNA_M
ClientSampleId :
EZYD3



Tgt Ion:276 Resp: 55865
Ion Ratio Lower Upper
276 100
138 42.5 24.7 37.1#
277 27.3 19.3 28.9

