

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041861.D
 Acq On : 14 Sep 2023 11:20
 Operator : MA/JU
 Sample : 04175-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYX0

Quant Time: Sep 15 00:28:31 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)

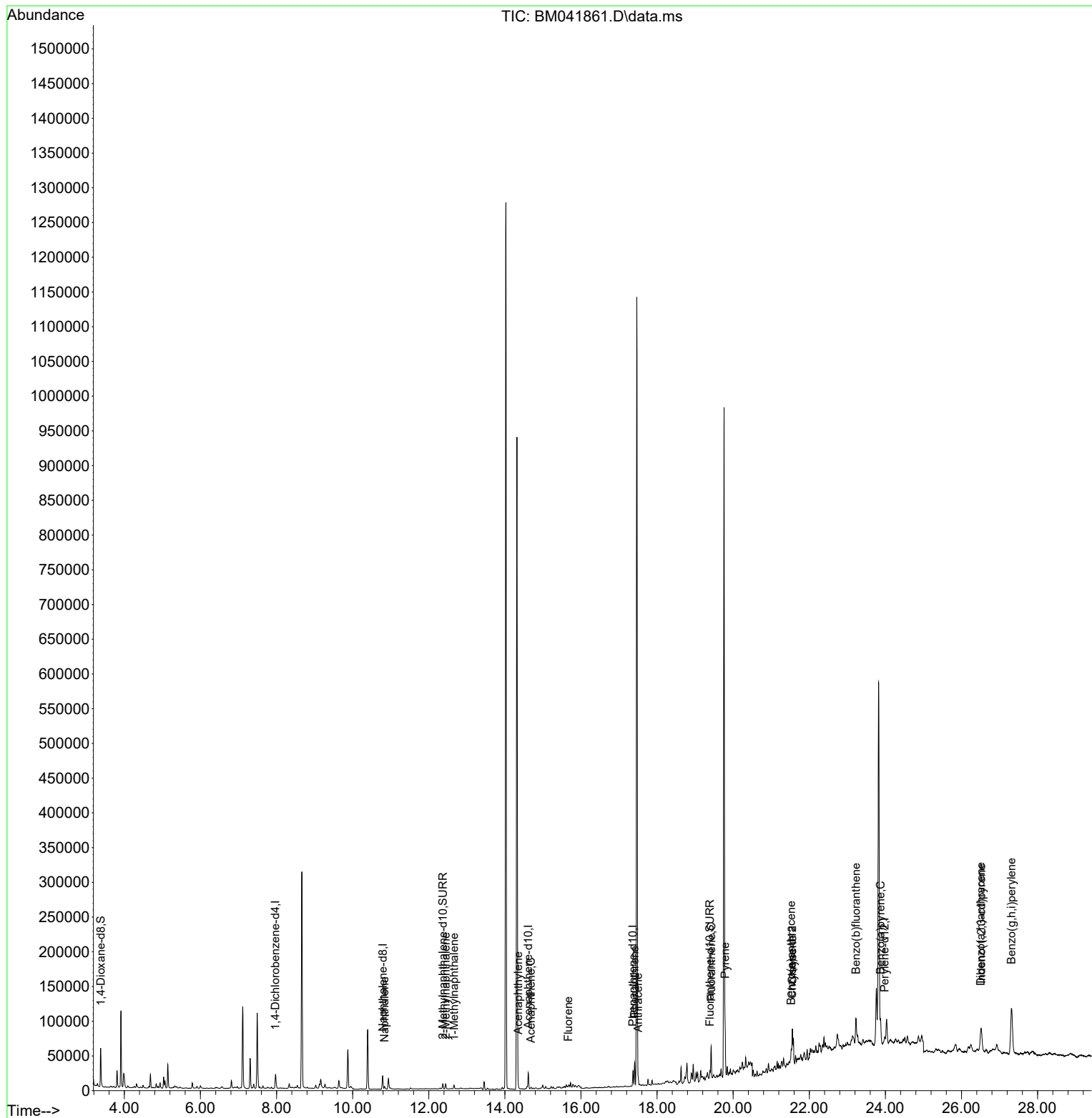
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	9414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	24875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	12261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.366	188	24066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.544	240	9285	0.400	ng/ul	# 0.00
23) Perylene-d12	23.979	264	12685	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33644	2.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	9046	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	11013	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	4326	0.052	ng/ul#	89
7) 2-Methylnaphthalene	12.445	142	5285	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	3644	0.071	ng/ul	99
10) Acenaphthylene	14.347	152	9167	0.119	ng/ul#	92
11) Acenaphthene	14.684	153	1257	0.021	ng/ul#	65
12) Fluorene	15.665	166	1727	0.025	ng/ul#	63
15) Phenanthrene	17.409	178	35532	0.338	ng/ul#	95
16) Anthracene	17.502	178	11333	0.124	ng/ul#	85
19) Fluoranthene	19.422	202	39825	0.554	ng/ul	97
20) Pyrene	19.789	202	59754	0.794	ng/ul	96
21) Benzo(a)anthracene	21.524	228	16548	0.270	ng/ul#	29
22) Chrysene	21.556	228	28329	0.452	ng/ul#	66
24) Benzo(b)fluoranthene	23.228	252	65620	0.727	ng/ul#	28
26) Benzo(a)pyrene	23.871	252	50257	0.730	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.519	276	64125	0.606	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.505	278	22609	0.290	ng/ul#	1
29) Benzo(g,h,i)perylene	27.313	276	152013	1.698	ng/ul#	85

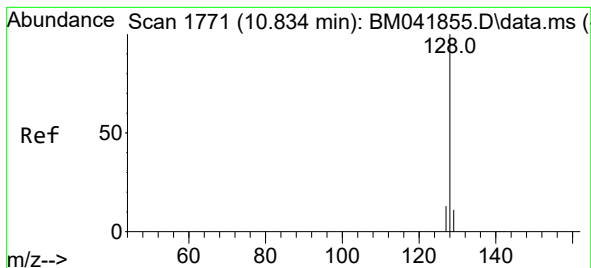
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.839 min Scan# 1772

Delta R.T. -0.000 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

Instrument :

BNA_M

ClientSampleId :

EZYX0

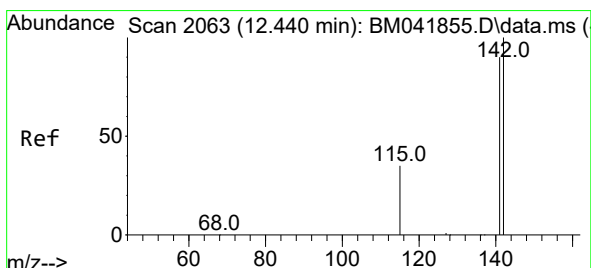
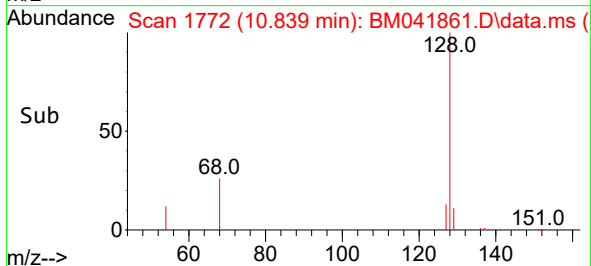
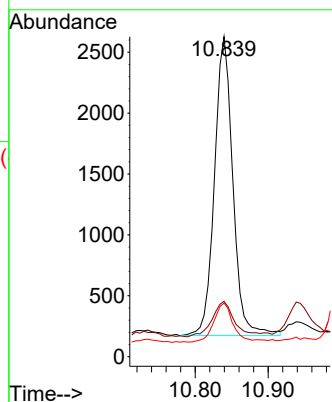
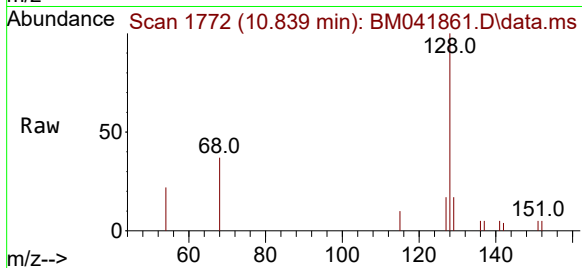
Tgt Ion:128 Resp: 4326

Ion Ratio Lower Upper

128 100

129 17.3 9.5 14.3#

127 16.7 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.445 min Scan# 2064

Delta R.T. -0.000 min

Lab File: BM041861.D

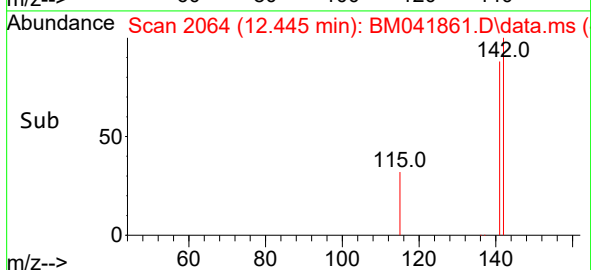
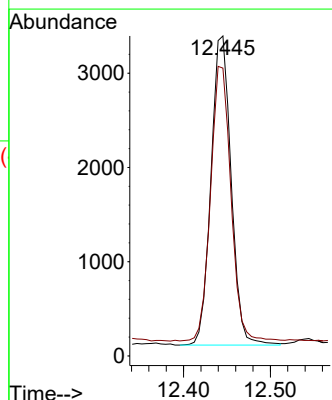
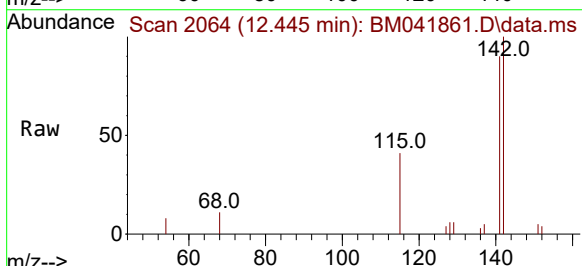
Acq: 14 Sep 2023 11:20

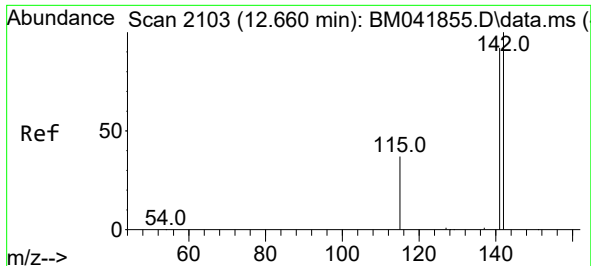
Tgt Ion:142 Resp: 5285

Ion Ratio Lower Upper

142 100

141 89.8 72.1 108.1

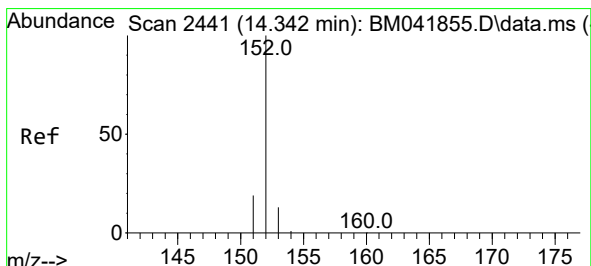
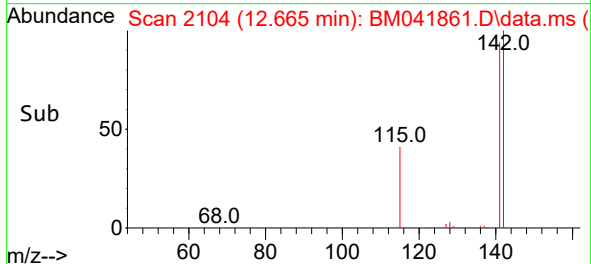
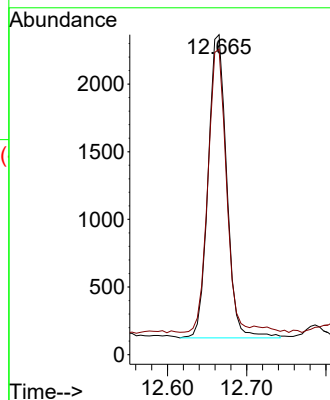
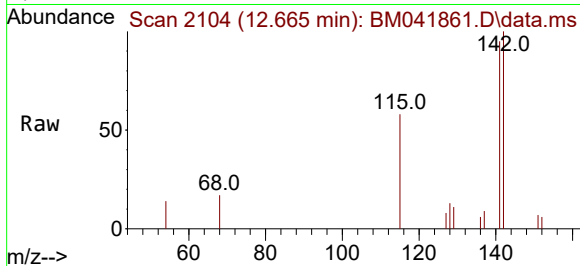




#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

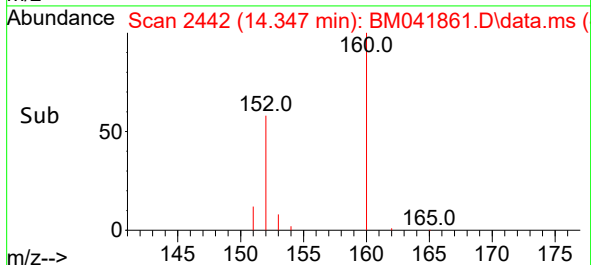
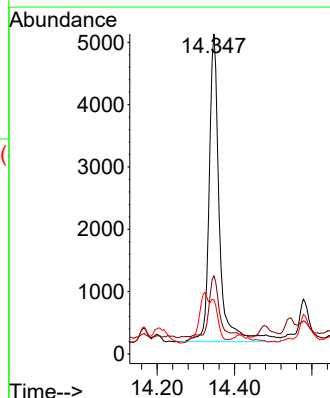
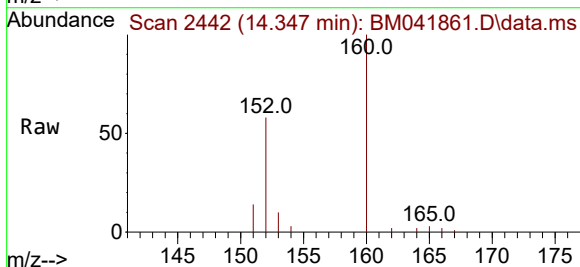
Instrument :
BNA_M
ClientSampleId :
EZYX0

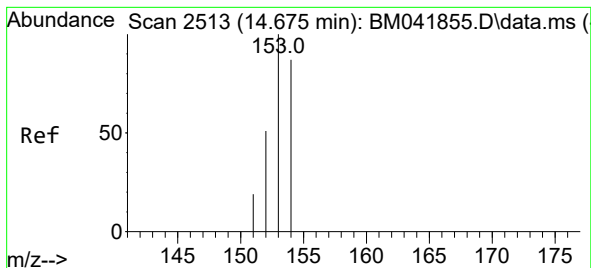
Tgt Ion:142 Resp: 3644
Ion Ratio Lower Upper
142 100
141 93.7 74.3 111.5



#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.004 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

Tgt Ion:152 Resp: 9167
Ion Ratio Lower Upper
152 100
151 24.4 16.3 24.5
153 16.9 10.9 16.3#





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.684 min Scan# 2515

Delta R.T. 0.004 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

Instrument :

BNA_M

ClientSampleId :

EZYX0

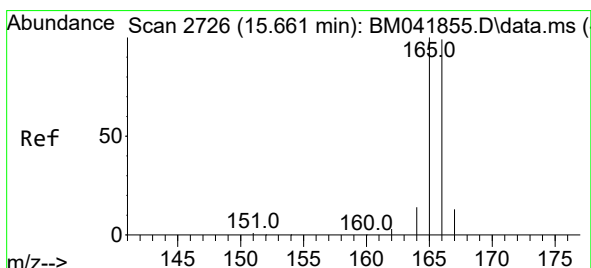
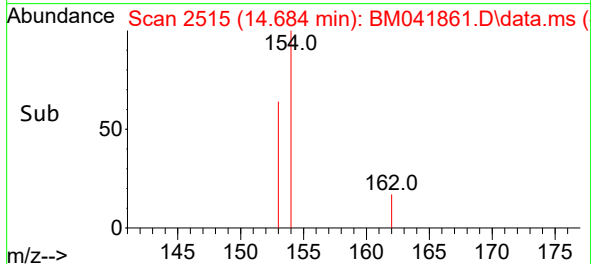
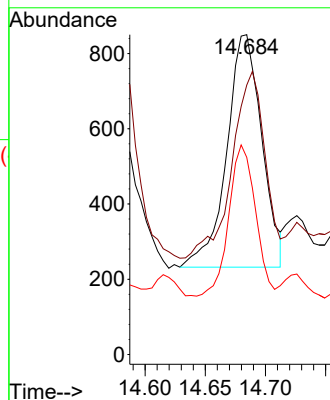
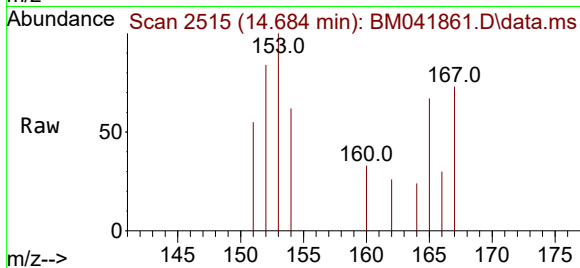
Tgt Ion:153 Resp: 1257

Ion Ratio Lower Upper

153 100

152 84.2 41.5 62.3#

154 61.6 70.7 106.1#



#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.665 min Scan# 2727

Delta R.T. -0.000 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

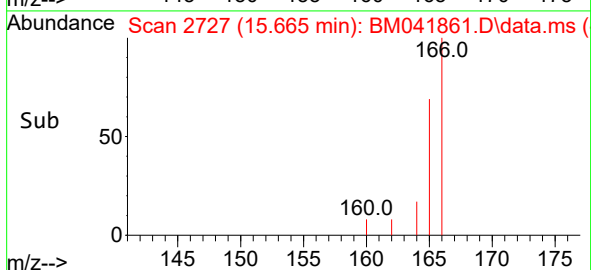
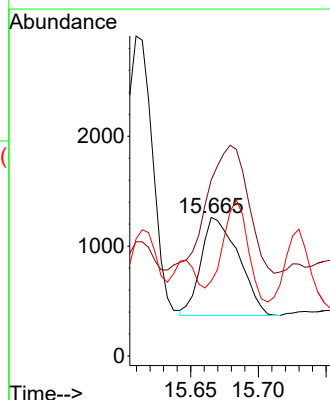
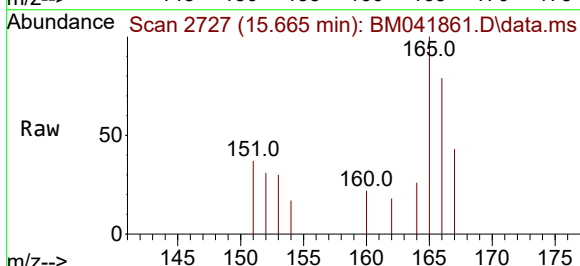
Tgt Ion:166 Resp: 1727

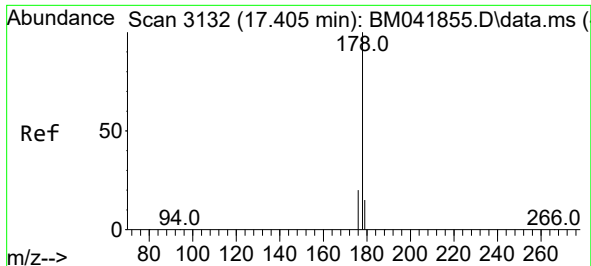
Ion Ratio Lower Upper

166 100

165 127.1 79.3 118.9#

167 54.1 11.2 16.8#

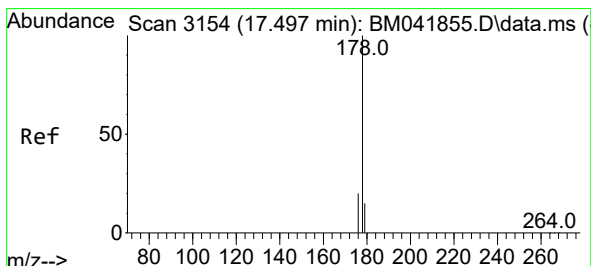
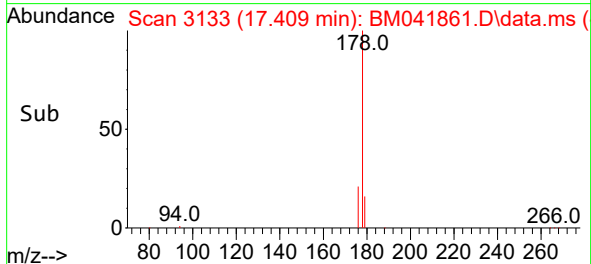
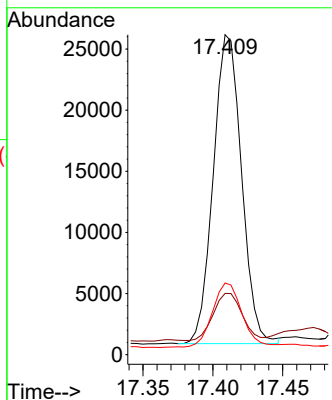
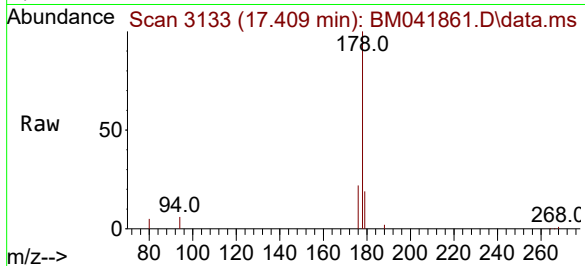




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

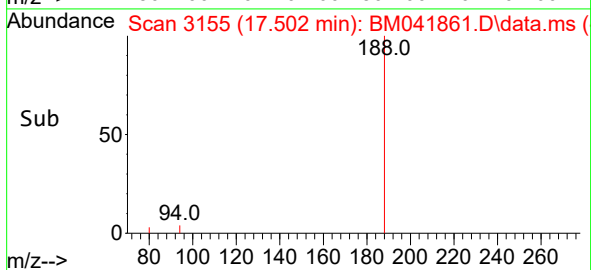
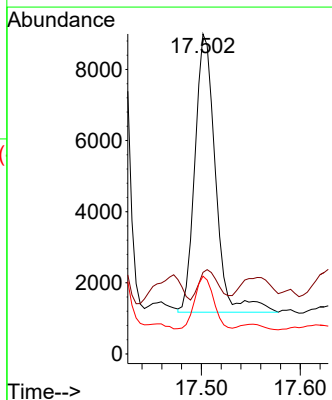
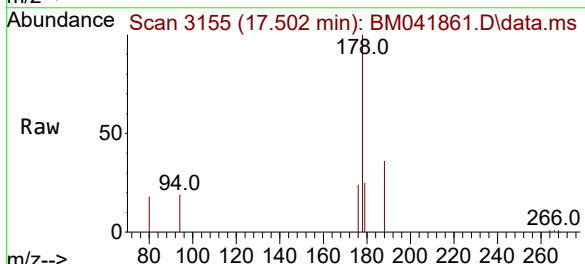
Instrument :
BNA_M
ClientSampleId :
EZYX0

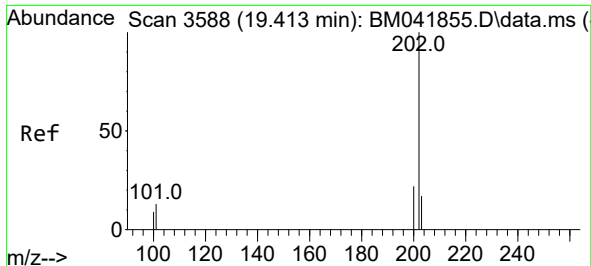
Tgt Ion:178 Resp: 35532
Ion Ratio Lower Upper
178 100
179 19.2 12.6 19.0#
176 22.4 16.6 25.0



#16
Anthracene
Concen: 0.124 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

Tgt Ion:178 Resp: 11333
Ion Ratio Lower Upper
178 100
179 25.5 12.7 19.1#
176 24.3 16.1 24.1#





#19

Fluoranthene

Concen: 0.554 ng/ul

RT: 19.422 min Scan# 3588

Delta R.T. 0.004 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

Instrument :

BNA_M

ClientSampleId :

EZYX0

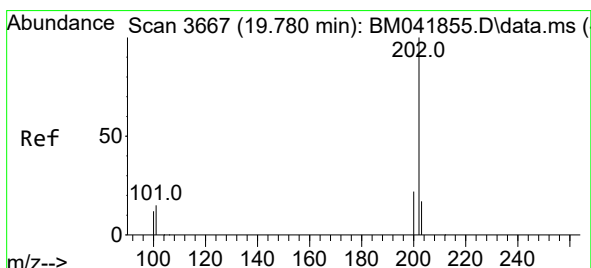
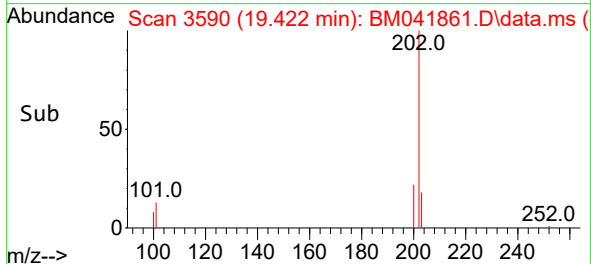
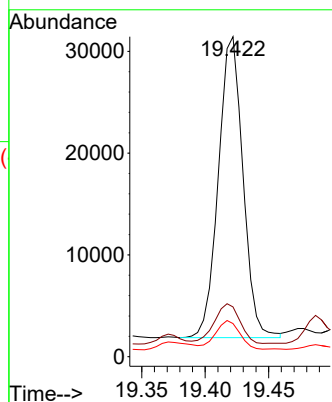
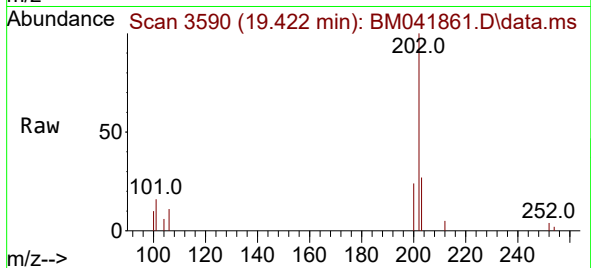
Tgt Ion:202 Resp: 39825

Ion Ratio Lower Upper

202 100

101 15.6 11.0 16.6

100 10.3 8.2 12.4



#20

Pyrene

Concen: 0.794 ng/ul

RT: 19.789 min Scan# 3669

Delta R.T. 0.004 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

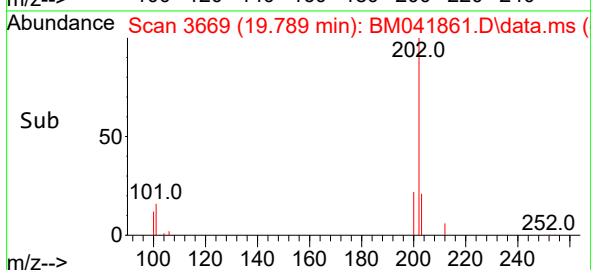
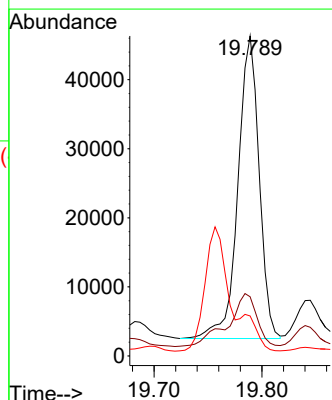
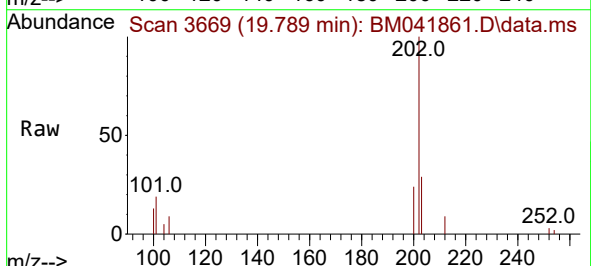
Tgt Ion:202 Resp: 59754

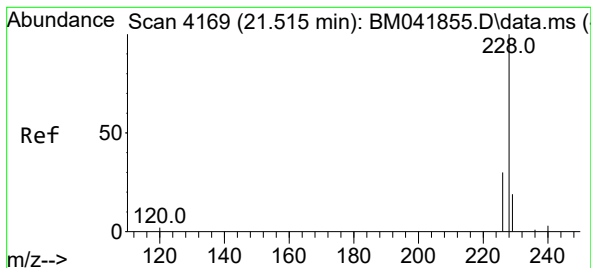
Ion Ratio Lower Upper

202 100

101 18.5 12.6 19.0

100 12.5 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.270 ng/ul

RT: 21.524 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

Instrument :

BNA_M

ClientSampleId :

EZYX0

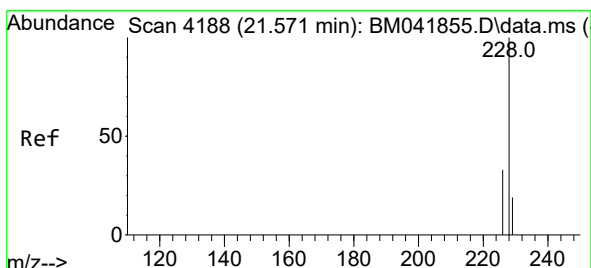
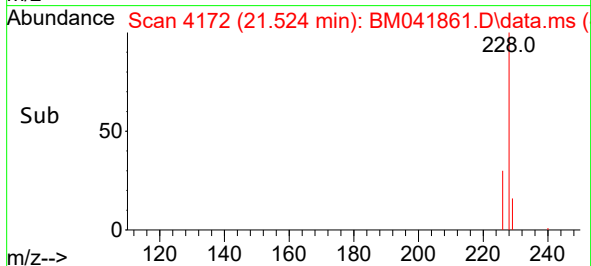
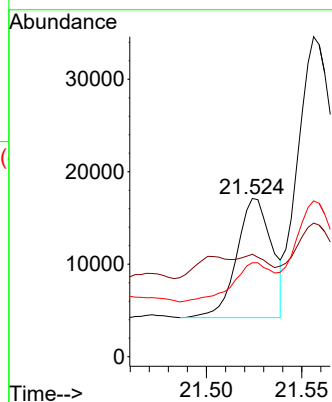
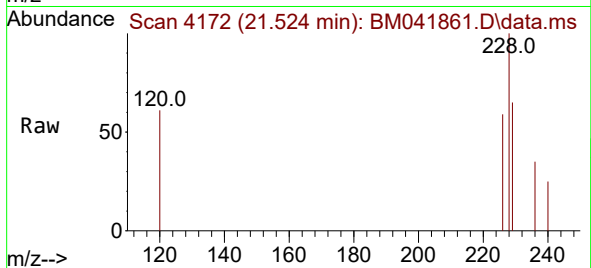
Tgt Ion:228 Resp: 16548

Ion Ratio Lower Upper

228 100

229 64.7 15.8 23.8#

226 59.4 24.3 36.5#



#22

Chrysene

Concen: 0.452 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.021 min

Lab File: BM041861.D

Acq: 14 Sep 2023 11:20

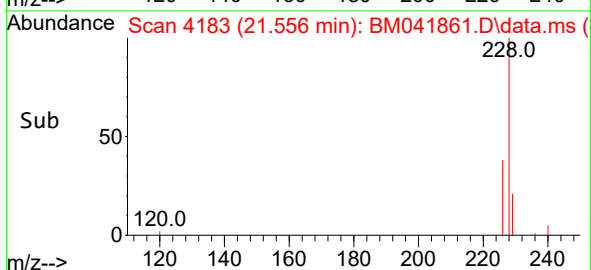
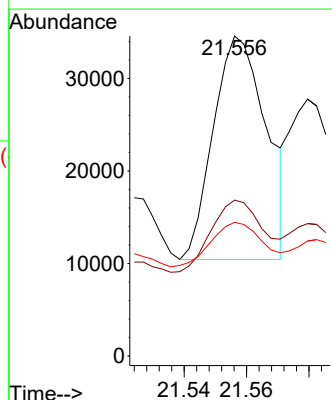
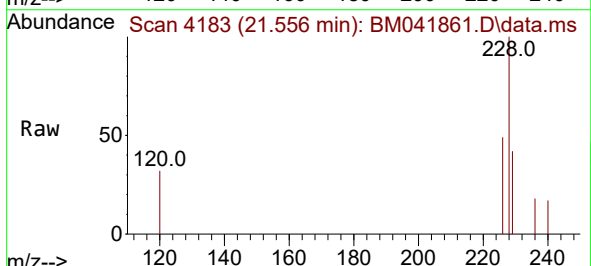
Tgt Ion:228 Resp: 28329

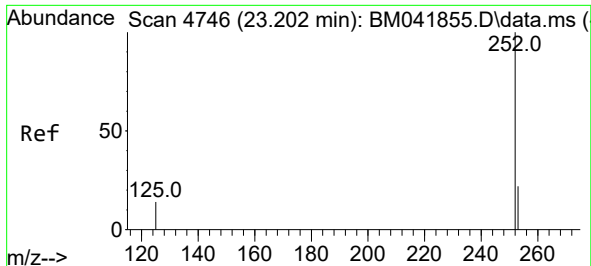
Ion Ratio Lower Upper

228 100

226 48.7 27.0 40.4#

229 41.8 15.7 23.5#

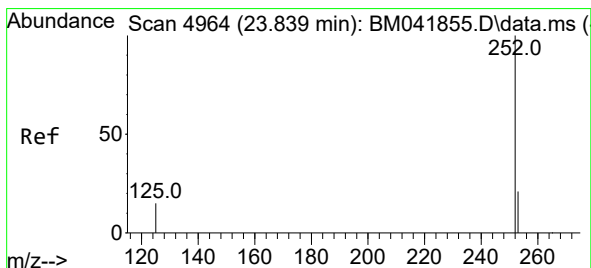
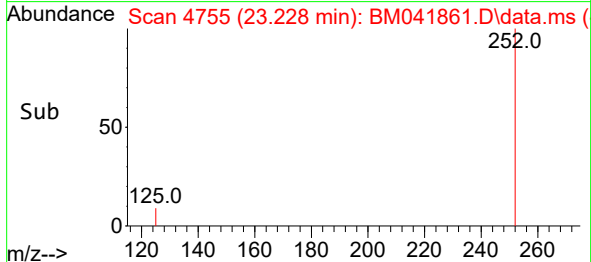
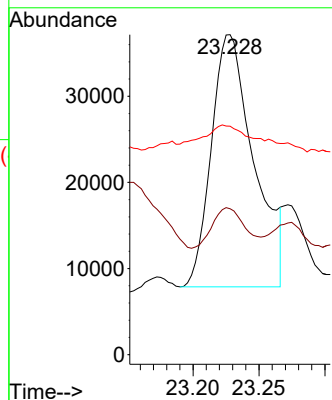
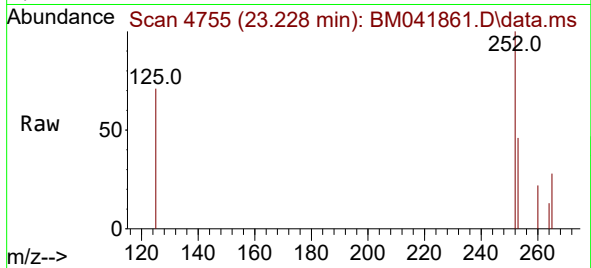




#24
Benzo(b)fluoranthene
Concen: 0.727 ng/ul
RT: 23.228 min Scan# 41
Delta R.T. 0.020 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

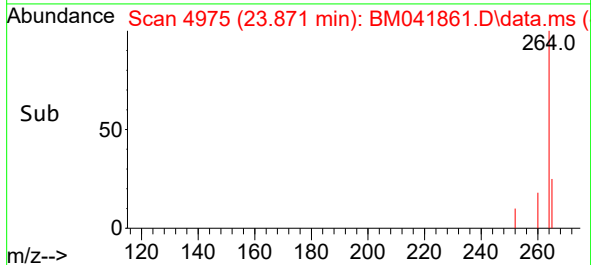
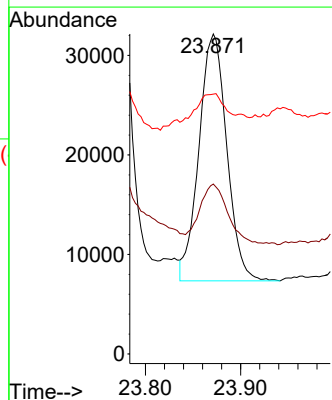
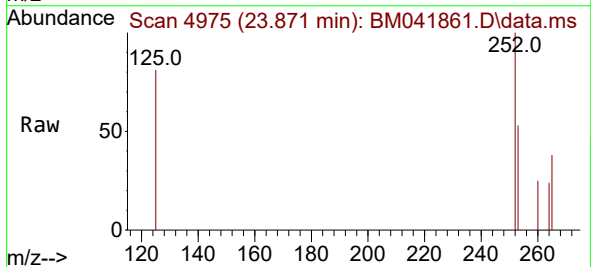
Instrument :
BNA_M
ClientSampleId :
EZYX0

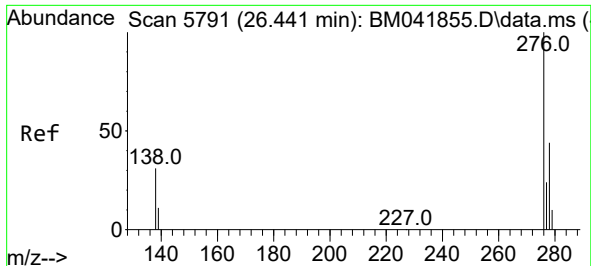
Tgt Ion:252 Resp: 65620
Ion Ratio Lower Upper
252 100
253 45.6 0.0 51.0
125 71.4 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 0.730 ng/ul
RT: 23.871 min Scan# 4975
Delta R.T. 0.026 min
Lab File: BM041861.D
Acq: 14 Sep 2023 11:20

Tgt Ion:252 Resp: 50257
Ion Ratio Lower Upper
252 100
253 53.1 21.8 32.8#
125 81.2 18.8 28.2#

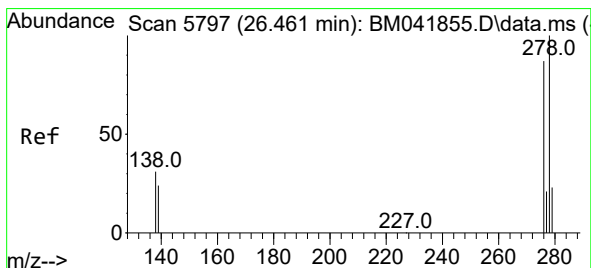
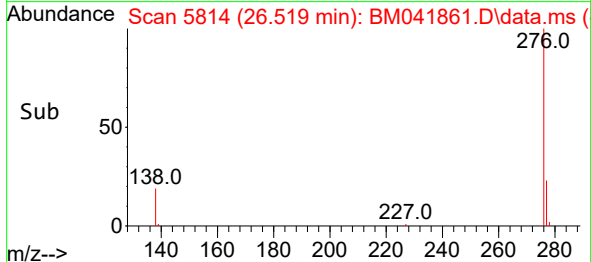
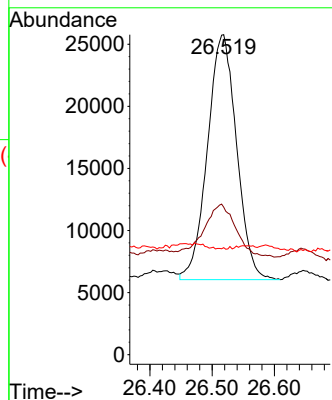
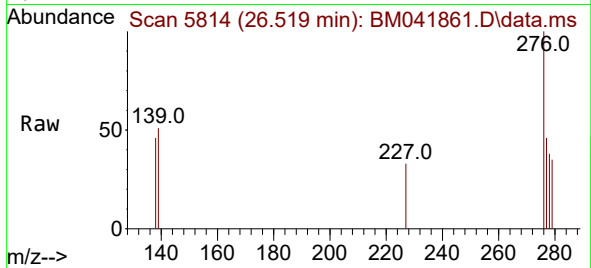




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.606 ng/ul
 RT: 26.519 min Scan# 5814
 Delta R.T. 0.064 min
 Lab File: BM041861.D
 Acq: 14 Sep 2023 11:20

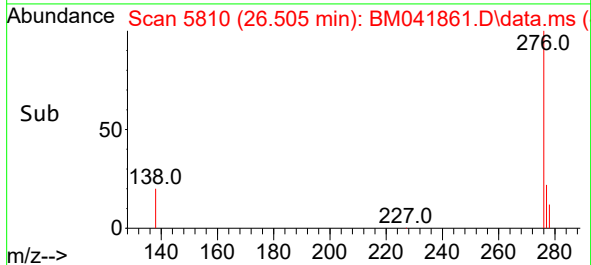
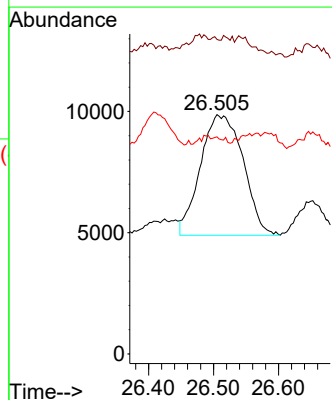
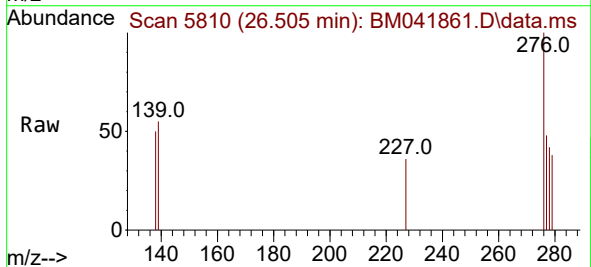
Instrument :
 BNA_M
 ClientSampleId :
 EZYX0

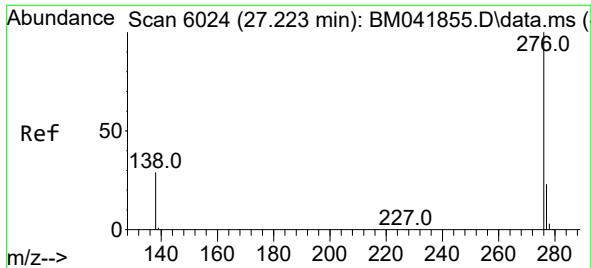
Tgt Ion:276 Resp: 64125
 Ion Ratio Lower Upper
 276 100
 138 23.7 27.7 41.5#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.290 ng/ul
 RT: 26.505 min Scan# 5810
 Delta R.T. 0.030 min
 Lab File: BM041861.D
 Acq: 14 Sep 2023 11:20

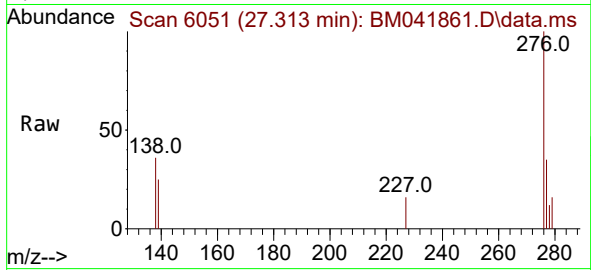
Tgt Ion:278 Resp: 22609
 Ion Ratio Lower Upper
 278 100
 139 131.4 20.9 31.3#
 279 90.7 20.3 30.5#





#29
 Benzo(g,h,i)perylene
 Concen: 1.698 ng/ul
 RT: 27.313 min Scan# 60
 Delta R.T. 0.077 min
 Lab File: BM041861.D
 Acq: 14 Sep 2023 11:20

Instrument :
 BNA_M
 ClientSampleId :
 EZYX0



Tgt Ion:276 Resp: 152013
 Ion Ratio Lower Upper
 276 100
 138 36.4 24.7 37.1
 277 35.1 19.3 28.9#

