

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039871.D
 Acq On : 08 May 2023 15:52
 Operator : CG/JU
 Sample : 02479-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW950DL

Quant Time: May 09 01:52:12 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

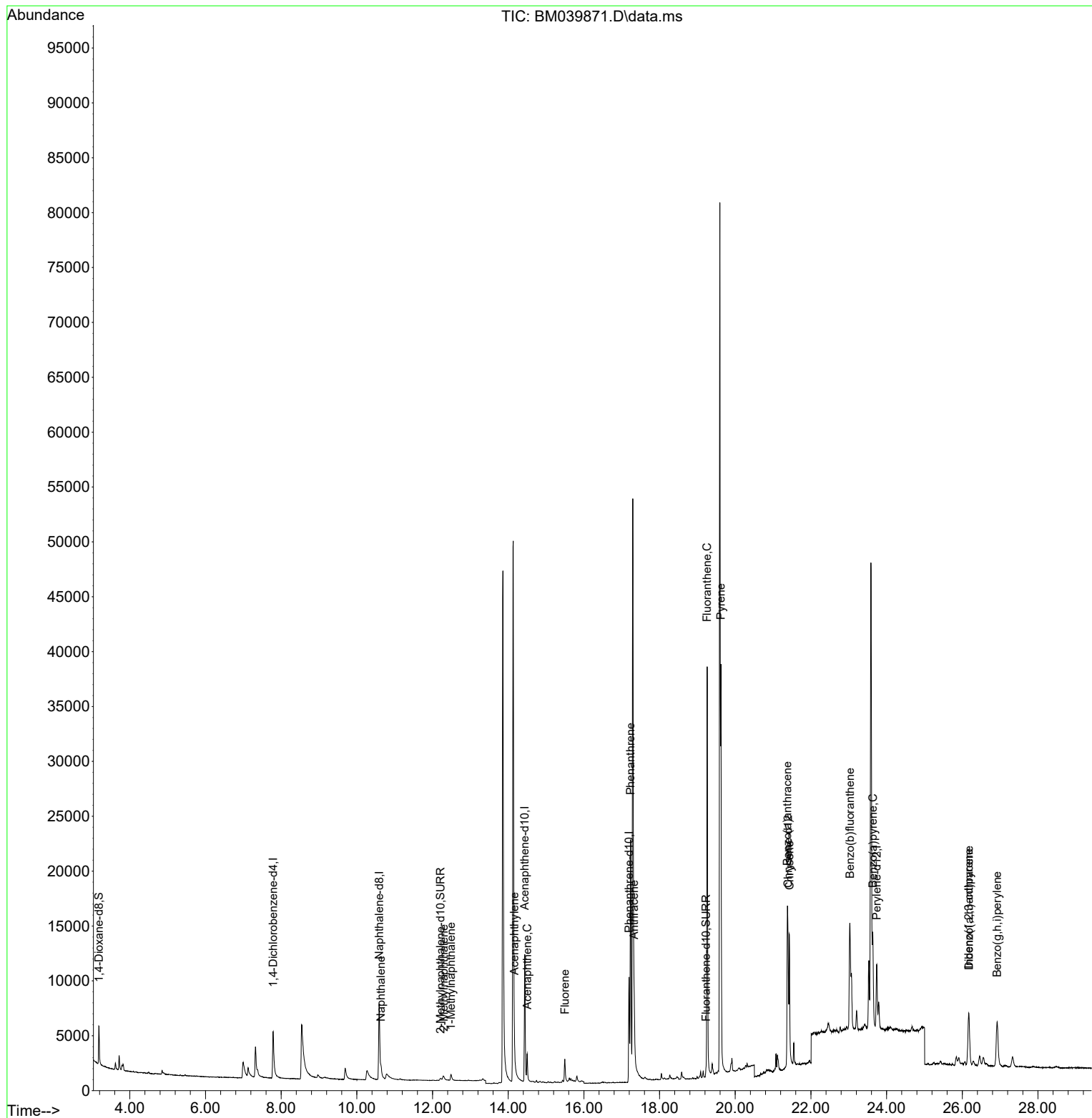
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3843	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.589	136	13565	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	7047	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	12341	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	8144	0.400	ng/ul	# 0.00
23) Perylene-d12	23.739	264	8136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2294	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	626	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	1094	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	1272	0.037	ng/ul#	74
7) 2-Methylnaphthalene	12.294	142	636	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.487	142	566	0.027	ng/ul	100
10) Acenaphthylene	14.159	152	1138	0.042	ng/ul#	75
11) Acenaphthene	14.501	153	1610	0.075	ng/ul	96
12) Fluorene	15.496	166	1792	0.075	ng/ul#	96
15) Phenanthrene	17.233	178	26040	0.801	ng/ul	99
16) Anthracene	17.326	178	5712	0.205	ng/ul#	93
19) Fluoranthene	19.257	202	36397	1.253	ng/ul	99
20) Pyrene	19.620	202	31454	1.002	ng/ul	99
21) Benzo(a)anthracene	21.378	228	14404	0.615	ng/ul#	92
22) Chrysene	21.430	228	12186	0.460	ng/ul#	93
24) Benzo(b)fluoranthene	23.029	252	17493	0.612	ng/ul	86
26) Benzo(a)pyrene	23.634	252	11841	0.462	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.172	276	9285	0.286	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.176	278	2131	0.085	ng/ul#	17
29) Benzo(g,h,i)perylene	26.920	276	9550	0.338	ng/ul#	88

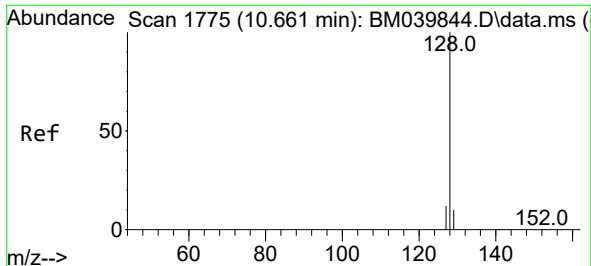
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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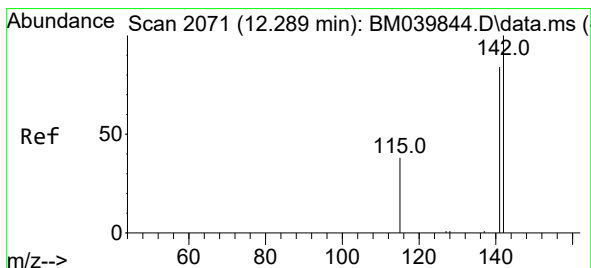
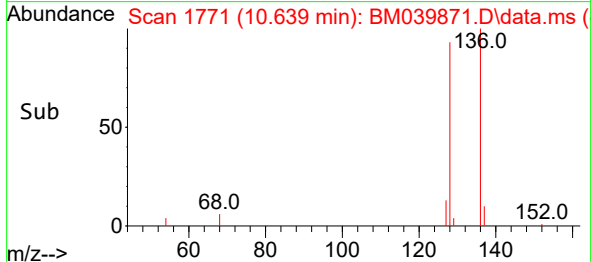
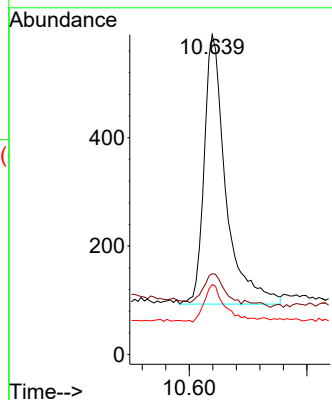
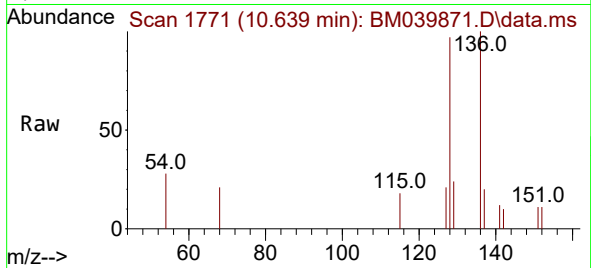




#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

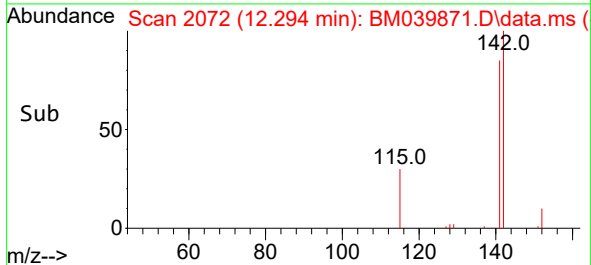
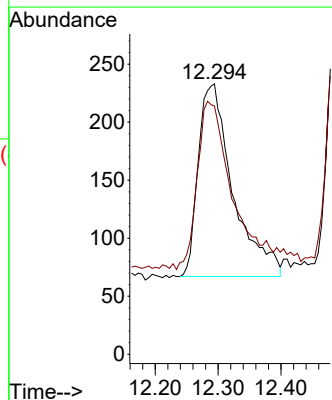
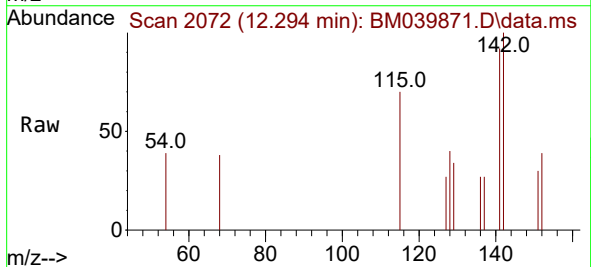
Instrument :
BNA_M
ClientSampleId :
EW950DL

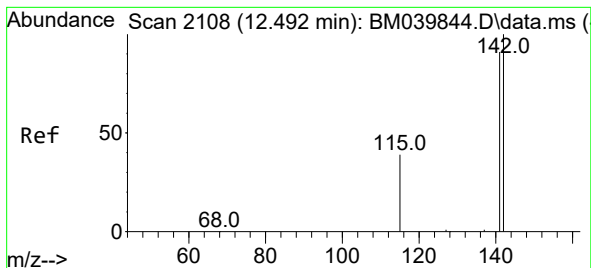
Tgt Ion:128 Resp: 1272
Ion Ratio Lower Upper
128 100
129 25.3 9.8 14.6#
127 21.9 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.294 min Scan# 2072
Delta R.T. 0.022 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

Tgt Ion:142 Resp: 636
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.487 min Scan# 2107

Delta R.T. 0.005 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

Instrument :

BNA_M

ClientSampleId :

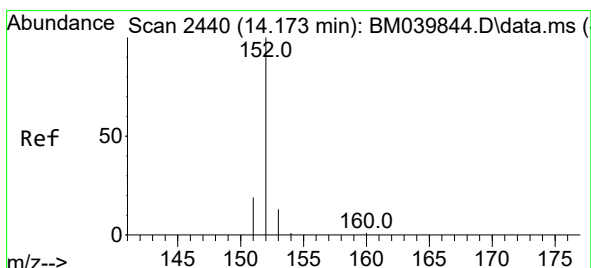
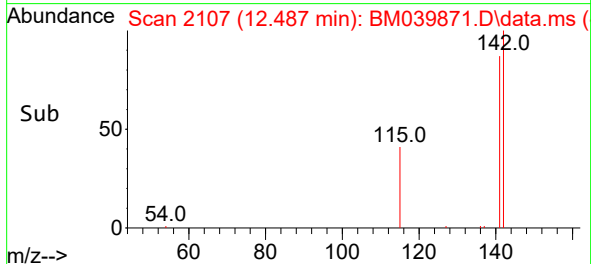
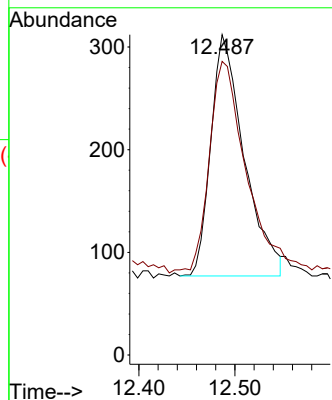
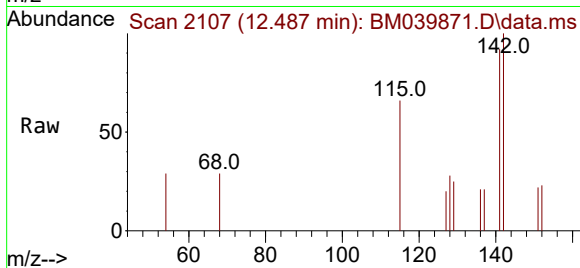
EW950DL

Tgt Ion:142 Resp: 566

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2



#10

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.159 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

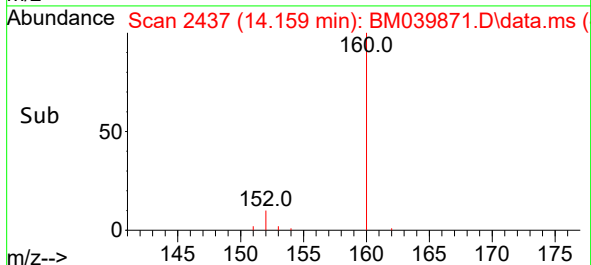
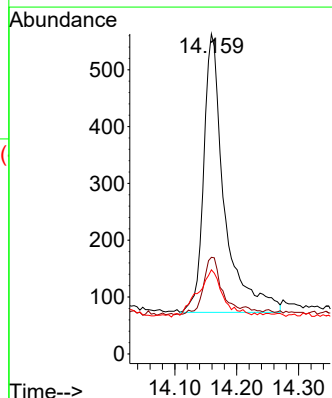
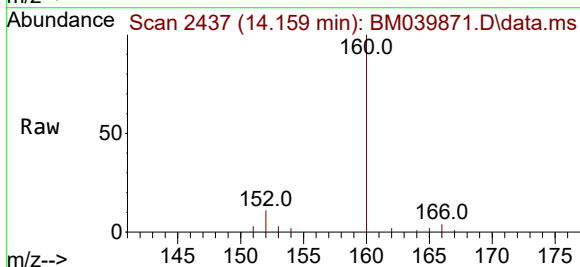
Tgt Ion:152 Resp: 1138

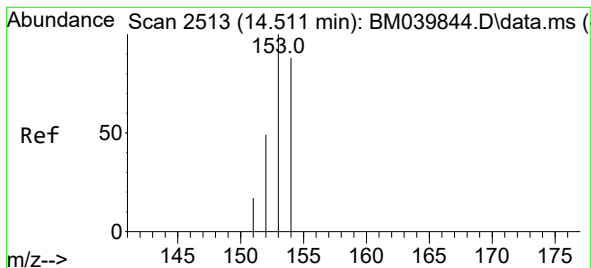
Ion Ratio Lower Upper

152 100

151 30.2 16.0 24.0#

153 26.3 11.2 16.8#





#11

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.501 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

Instrument :

BNA_M

ClientSampleId :

EW950DL

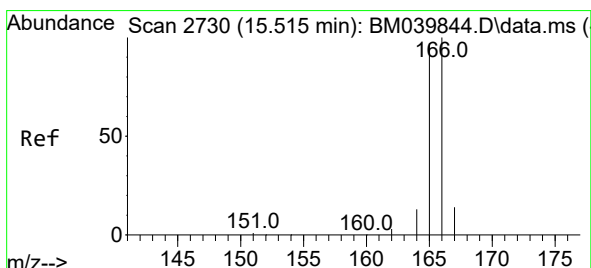
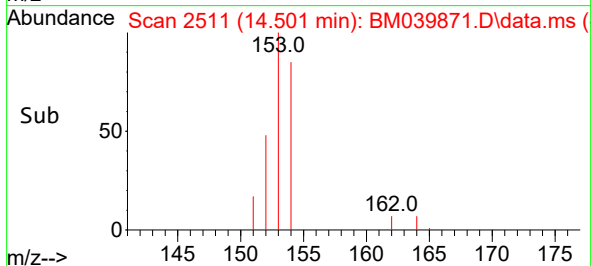
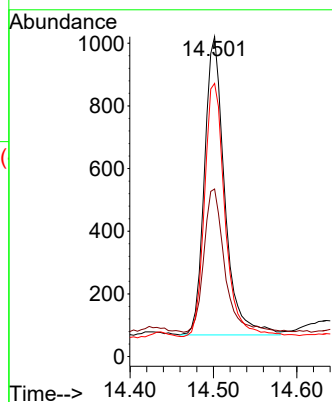
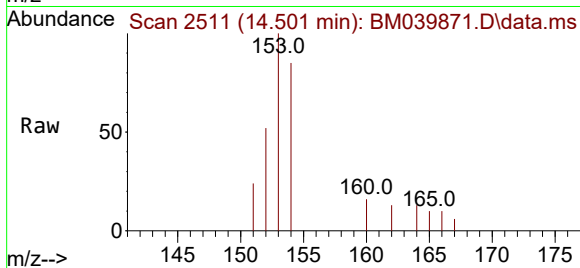
Tgt Ion:153 Resp: 1610

Ion Ratio Lower Upper

153 100

152 52.4 40.6 61.0

154 85.4 71.9 107.9



#12

Fluorene

Concen: 0.075 ng/ul

RT: 15.496 min Scan# 2726

Delta R.T. -0.005 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

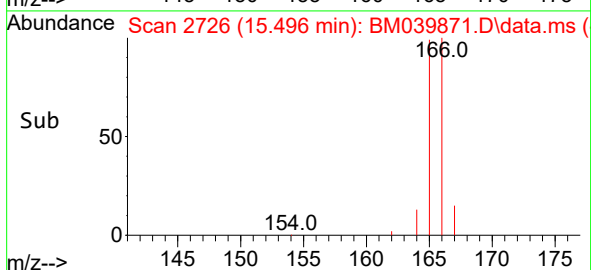
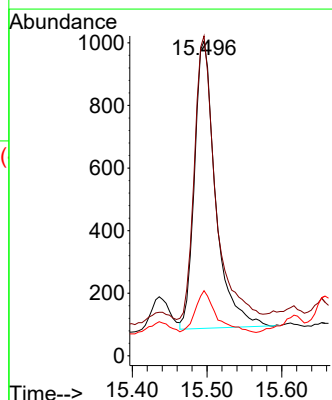
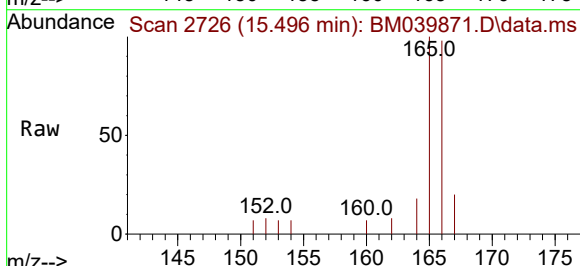
Tgt Ion:166 Resp: 1792

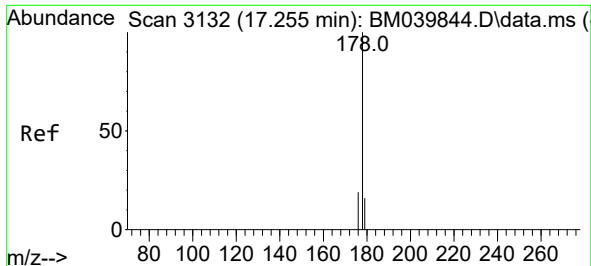
Ion Ratio Lower Upper

166 100

165 101.7 79.0 118.6

167 20.7 11.8 17.6#

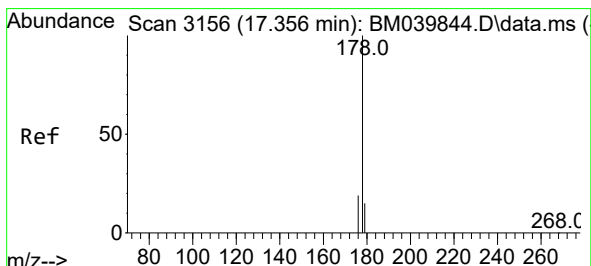
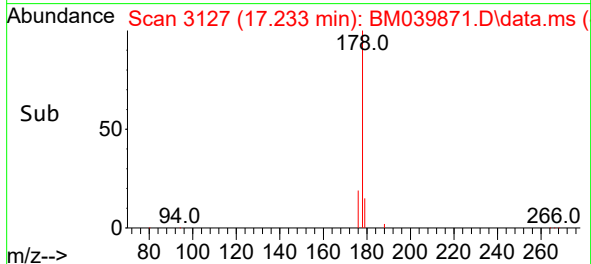
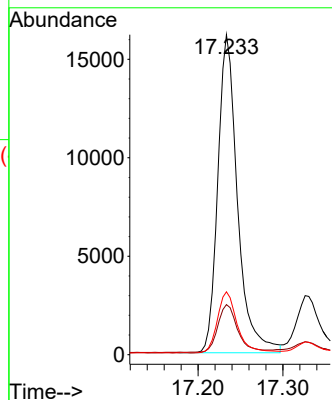
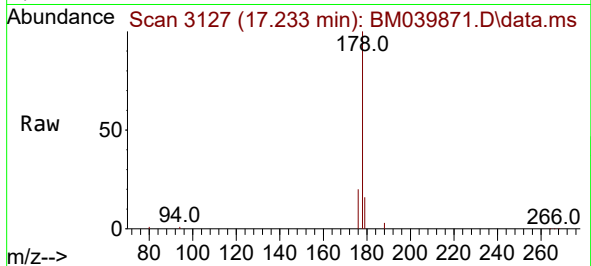




#15
Phenanthrene
Concen: 0.801 ng/ul
RT: 17.233 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

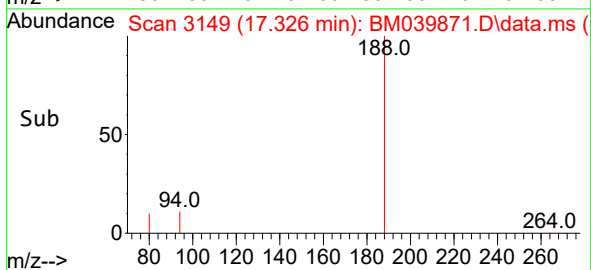
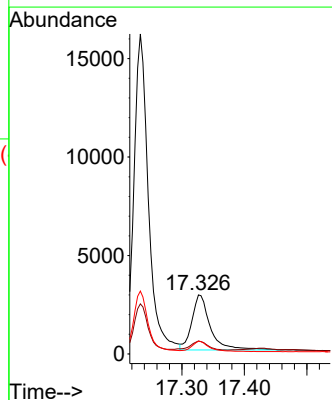
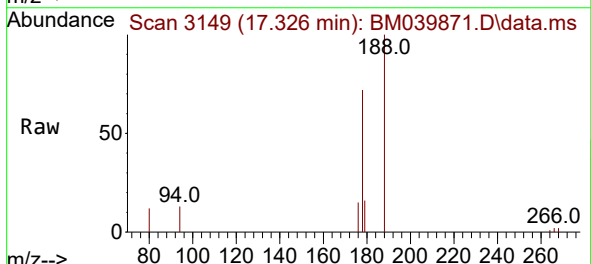
Instrument :
BNA_M
ClientSampleId :
EW950DL

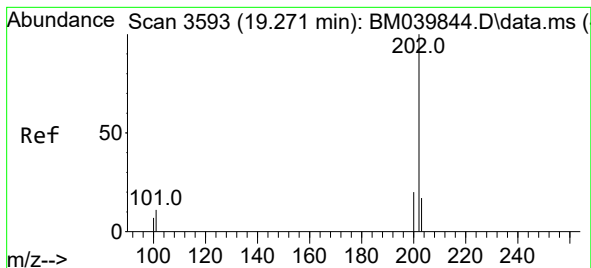
Tgt Ion:178 Resp: 26040
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.7 15.8 23.8



#16
Anthracene
Concen: 0.205 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

Tgt Ion:178 Resp: 5712
Ion Ratio Lower Upper
178 100
179 21.9 13.8 20.6#
176 21.5 15.8 23.8





#19

Fluoranthene

Concen: 1.253 ng/ul

RT: 19.257 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

Instrument :

BNA_M

ClientSampleId :

EW950DL

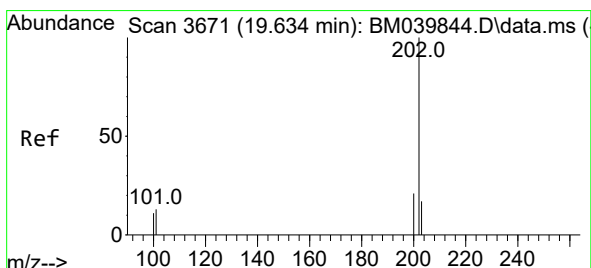
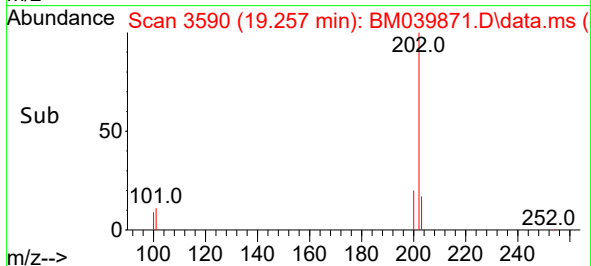
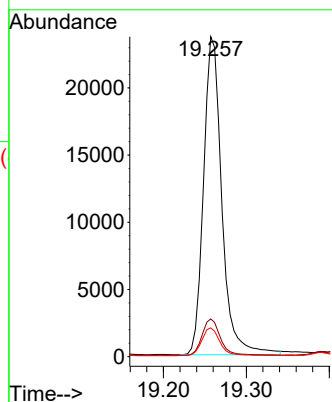
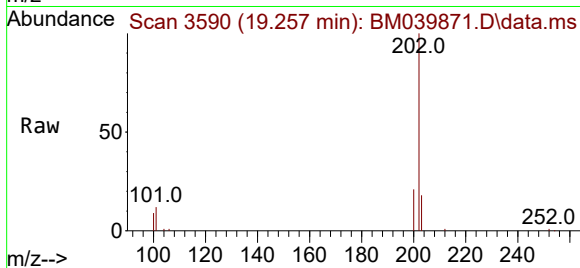
Tgt Ion:202 Resp: 36397

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

100 9.0 7.3 10.9



#20

Pyrene

Concen: 1.002 ng/ul

RT: 19.620 min Scan# 3668

Delta R.T. -0.005 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

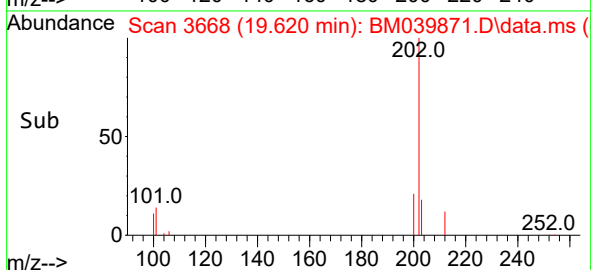
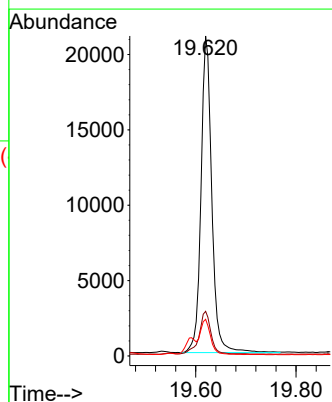
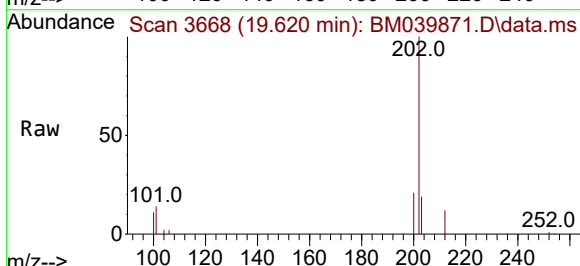
Tgt Ion:202 Resp: 31454

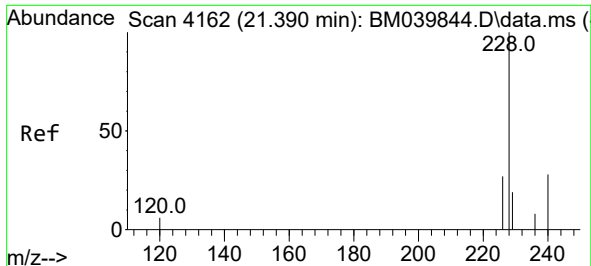
Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

100 11.4 8.9 13.3

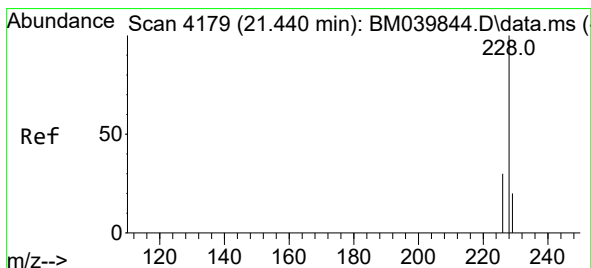
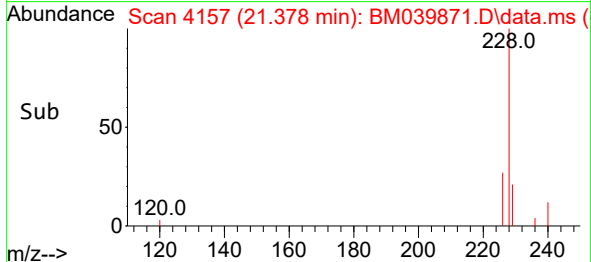
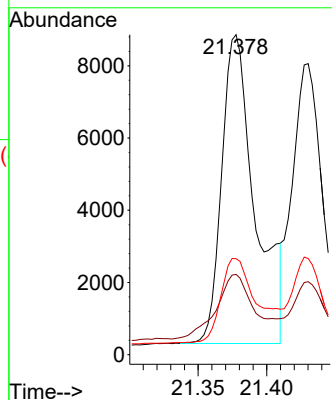
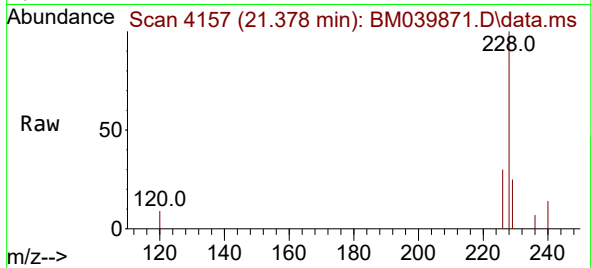




#21
Benzo(a)anthracene
Concen: 0.615 ng/ul
RT: 21.378 min Scan# 411
Delta R.T. 0.000 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

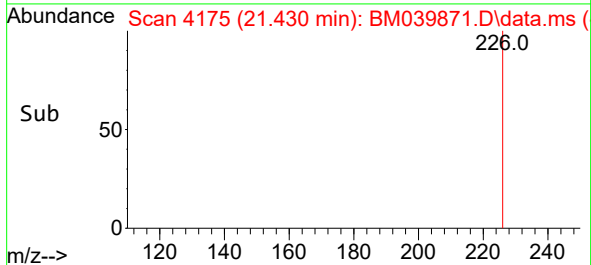
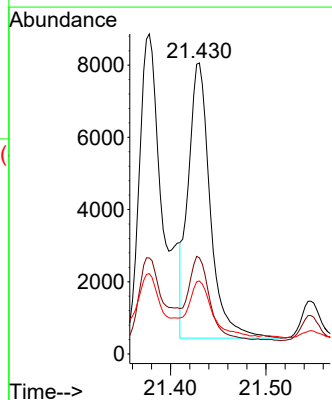
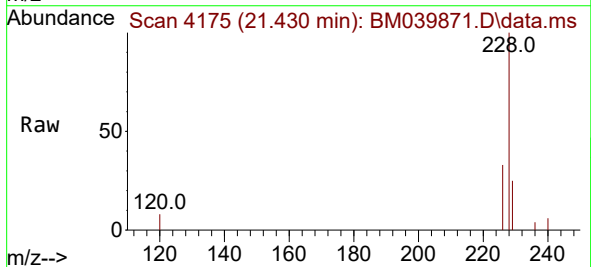
Instrument :
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EW950DL

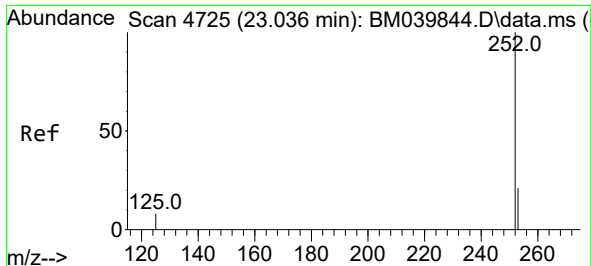
Tgt Ion:228 Resp: 14404
Ion Ratio Lower Upper
228 100
229 25.1 16.2 24.2#
226 30.0 21.6 32.4



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

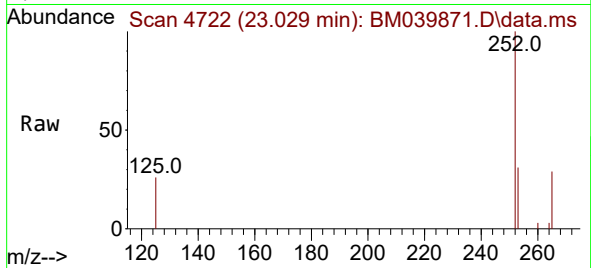
Tgt Ion:228 Resp: 12186
Ion Ratio Lower Upper
228 100
226 33.0 24.3 36.5
229 25.1 15.9 23.9#



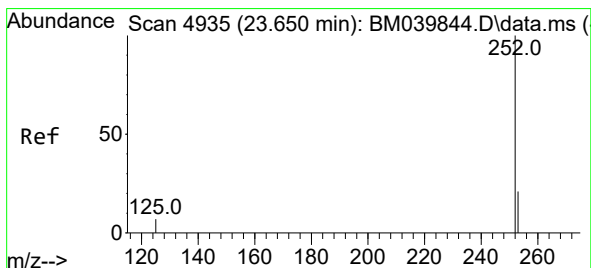
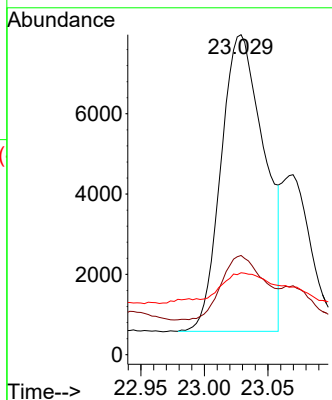


#24
Benzo(b)fluoranthene
Concen: 0.612 ng/ul
RT: 23.029 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

Instrument :
BNA_M
ClientSampleId :
EW950DL

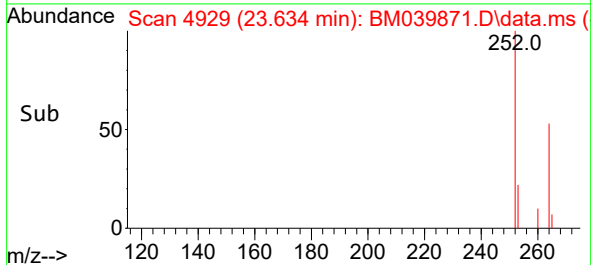
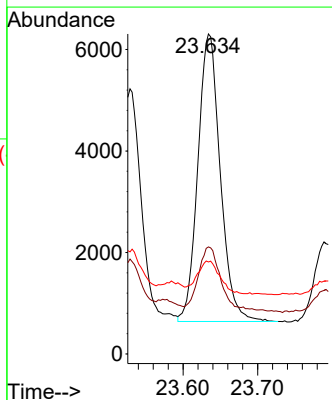
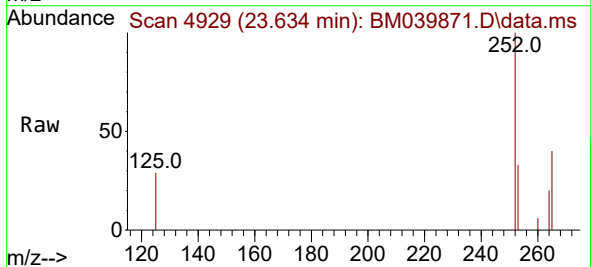


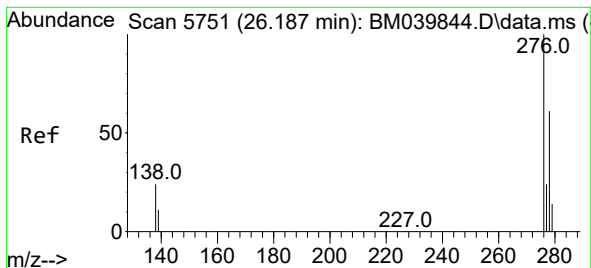
Tgt Ion:252 Resp: 17493
Ion Ratio Lower Upper
252 100
253 31.0 0.0 52.8
125 25.6 0.0 31.6



#26
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.634 min Scan# 4929
Delta R.T. -0.003 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

Tgt Ion:252 Resp: 11841
Ion Ratio Lower Upper
252 100
253 33.5 24.7 37.1
125 28.7 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng/ul

RT: 26.172 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

Instrument :

BNA_M

ClientSampleId :

EW950DL

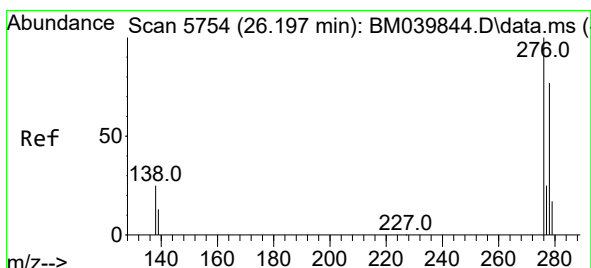
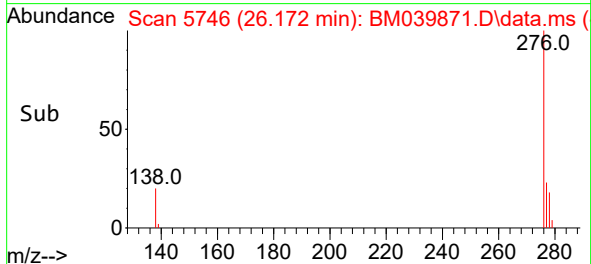
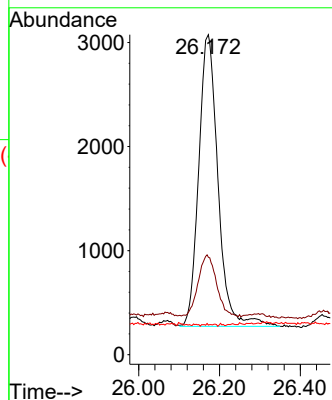
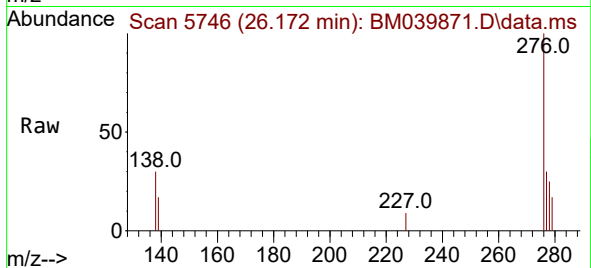
Tgt Ion:276 Resp: 9285

Ion Ratio Lower Upper

276 100

138 20.8 21.1 31.7#

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.085 ng/ul

RT: 26.176 min Scan# 5747

Delta R.T. -0.003 min

Lab File: BM039871.D

Acq: 08 May 2023 15:52

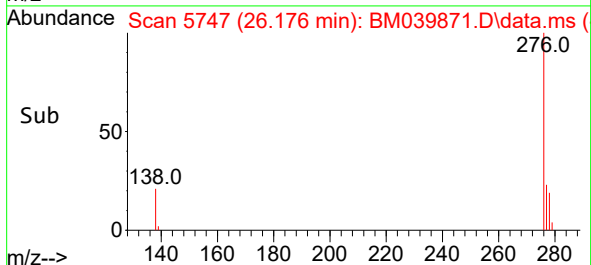
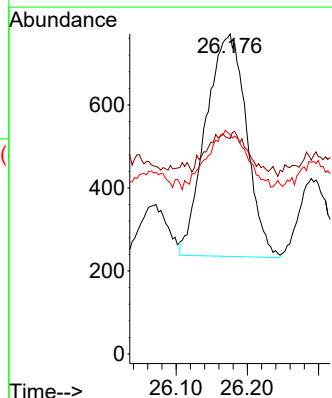
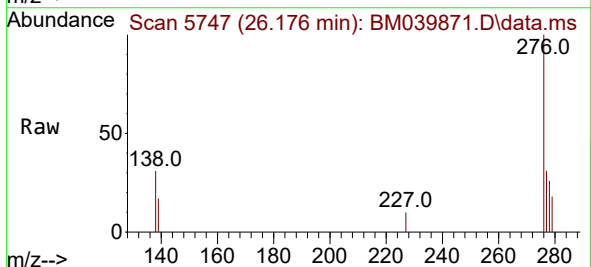
Tgt Ion:278 Resp: 2131

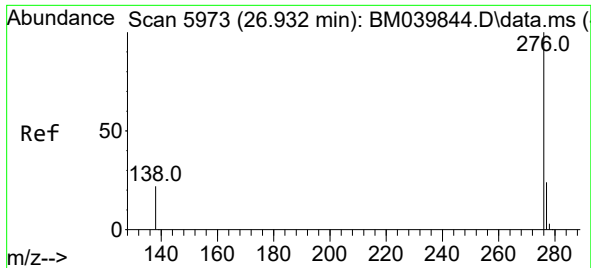
Ion Ratio Lower Upper

278 100

139 67.3 17.0 25.6#

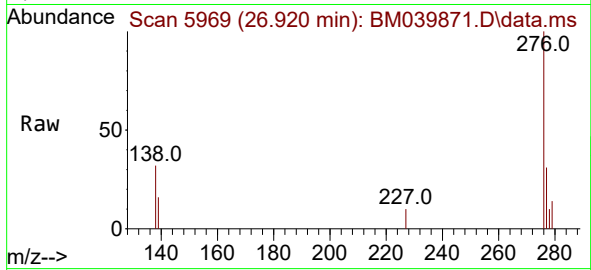
279 68.5 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.920 min Scan# 5969
Delta R.T. 0.003 min
Lab File: BM039871.D
Acq: 08 May 2023 15:52

Instrument :
BNA_M
ClientSampleId :
EW950DL



Tgt Ion:276 Resp: 9550
Ion Ratio Lower Upper
276 100
138 31.6 20.1 30.1#
277 30.6 20.1 30.1#

