

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039873.D
 Acq On : 08 May 2023 17:42
 Operator : CG/JU
 Sample : 02479-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945DL

Quant Time: May 09 01:52:34 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)

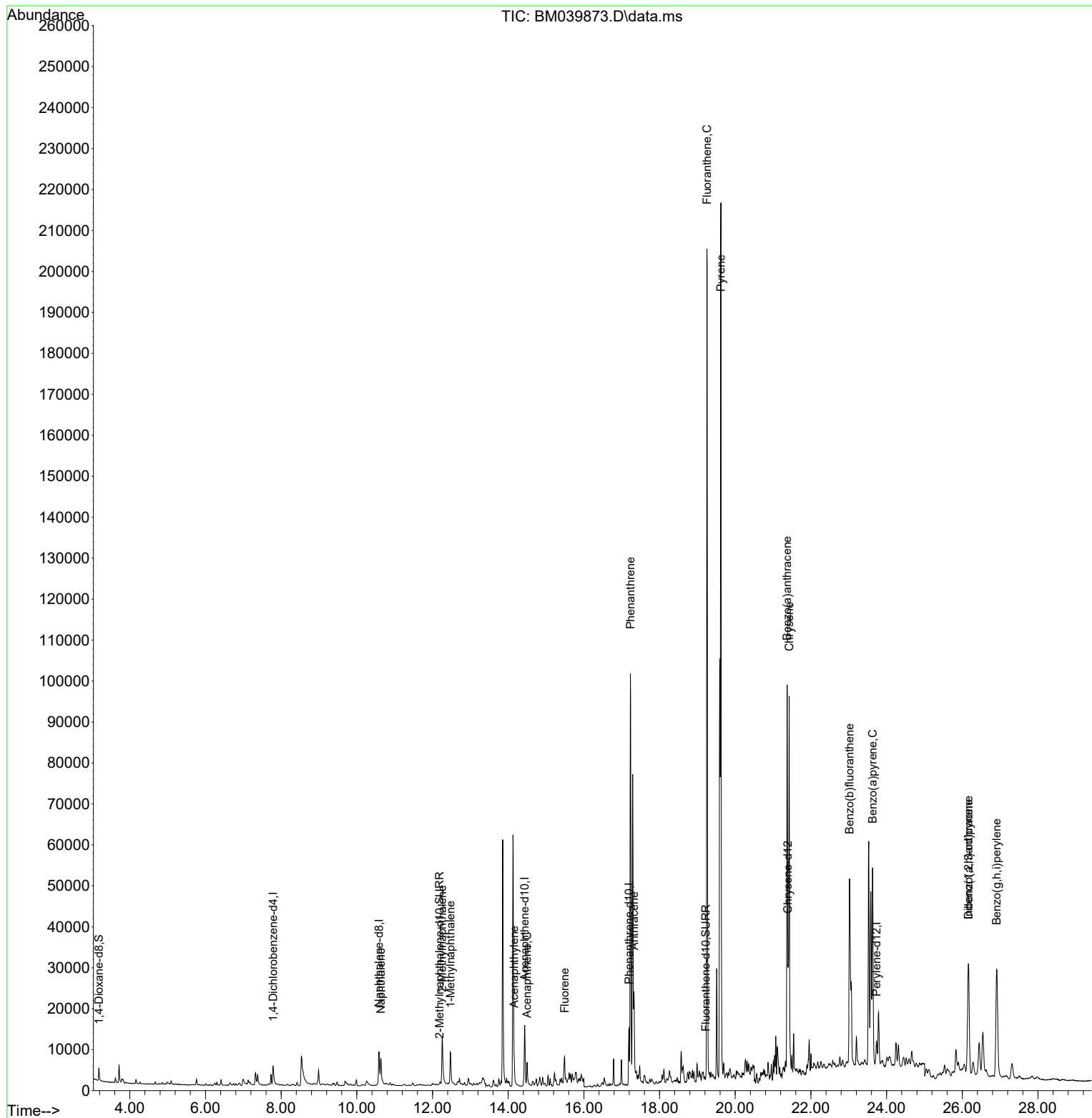
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3983	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.584	136	14887	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.437	164	8479	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	16057	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8654	0.400	ng/ul	0.00
23) Perylene-d12	23.733	264	8326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2004	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	792	0.041	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	1459	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	10651	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.256	142	12830	0.595	ng/ul	95
8) 1-Methylnaphthalene	12.476	142	6597	0.285	ng/ul	100
10) Acenaphthylene	14.155	152	2926	0.089	ng/ul#	66
11) Acenaphthene	14.497	153	3598	0.140	ng/ul	97
12) Fluorene	15.492	166	4364	0.153	ng/ul#	95
15) Phenanthrene	17.229	178	110235	2.606	ng/ul	99
16) Anthracene	17.326	178	23351	0.643	ng/ul	99
19) Fluoranthene	19.252	202	179139	5.802	ng/ul	99
20) Pyrene	19.620	202	179331	5.379	ng/ul	98
21) Benzo(a)anthracene	21.372	228	82029	3.297	ng/ul	96
22) Chrysene	21.424	228	86960	3.088	ng/ul	97
24) Benzo(b)fluoranthene	23.020	252	80258	2.745	ng/ul	96
26) Benzo(a)pyrene	23.628	252	71592	2.727	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.162	276	40552	1.222	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.162	278	18303	0.710	ng/ul#	81
29) Benzo(g,h,i)perylene	26.910	276	58821	2.034	ng/ul	99

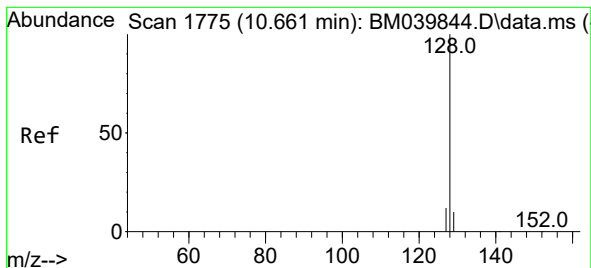
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.285 ng/ul

RT: 10.633 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM039873.D

Acq: 08 May 2023 17:42

Instrument :

BNA_M

ClientSampleId :

EW945DL

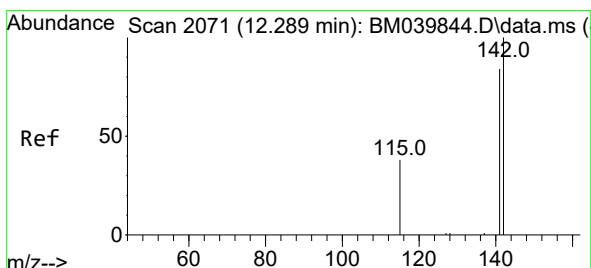
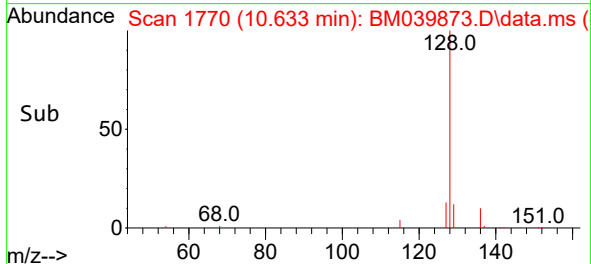
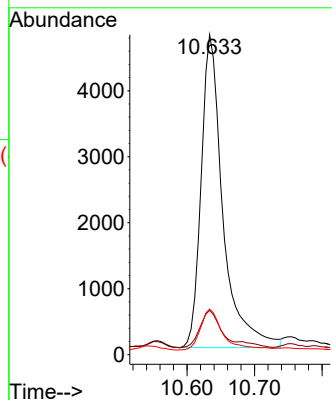
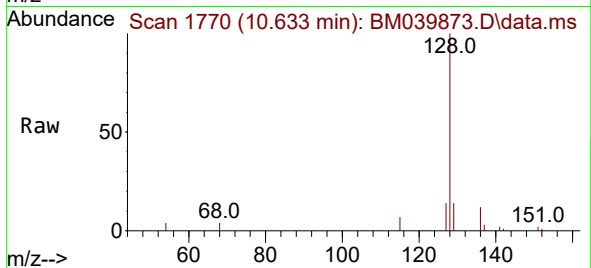
Tgt Ion:128 Resp: 10651

Ion Ratio Lower Upper

128 100

129 13.8 9.8 14.6

127 14.2 11.1 16.7



#7

2-Methylnaphthalene

Concen: 0.595 ng/ul

RT: 12.256 min Scan# 2065

Delta R.T. -0.016 min

Lab File: BM039873.D

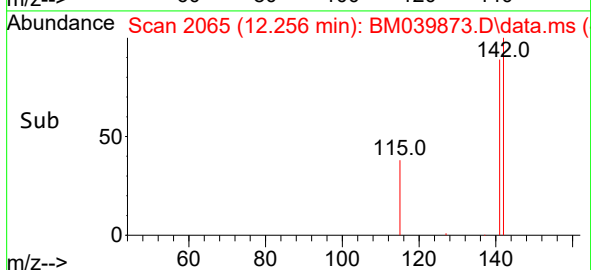
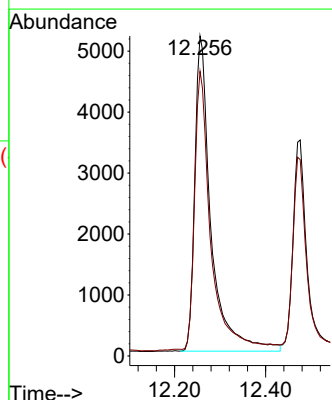
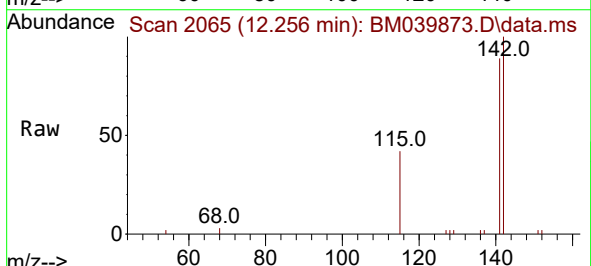
Acq: 08 May 2023 17:42

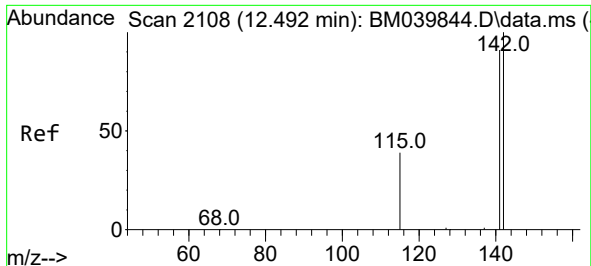
Tgt Ion:142 Resp: 12830

Ion Ratio Lower Upper

142 100

141 86.9 73.2 109.8

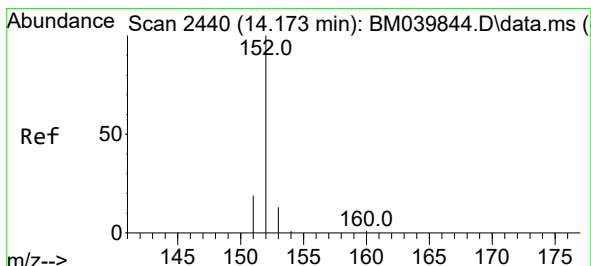
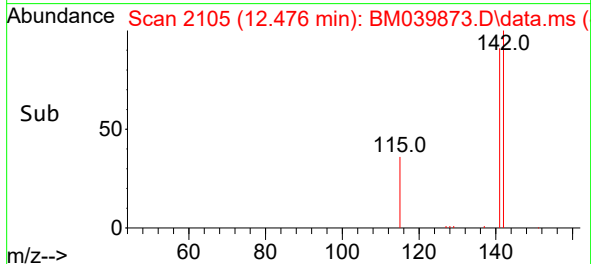
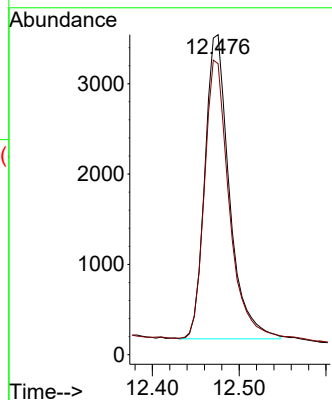
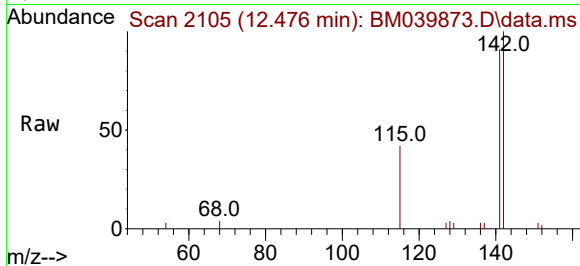




#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.476 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

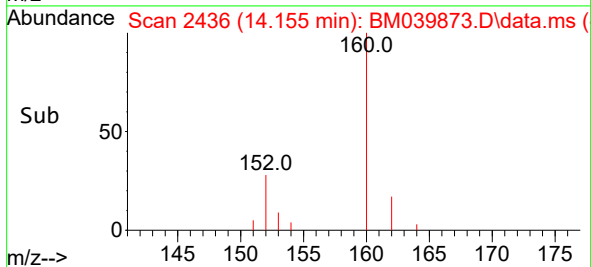
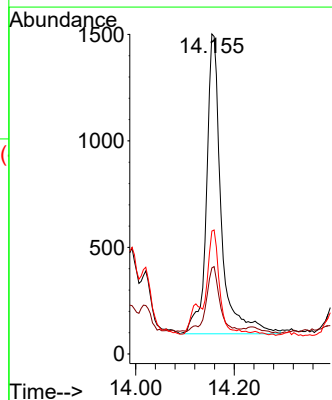
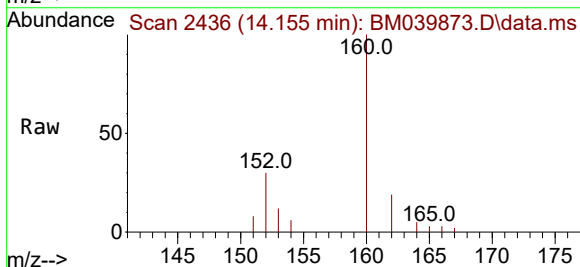
Instrument :
BNA_M
ClientSampleId :
EW945DL

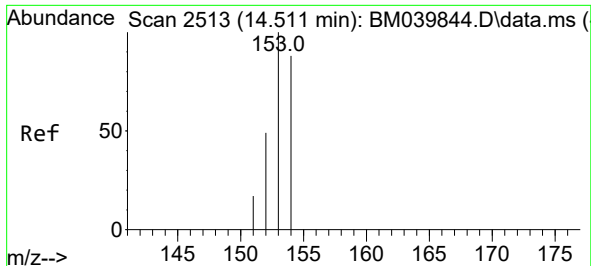
Tgt Ion:142 Resp: 6597
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:152 Resp: 2926
Ion Ratio Lower Upper
152 100
151 26.9 16.0 24.0#
153 38.4 11.2 16.8#

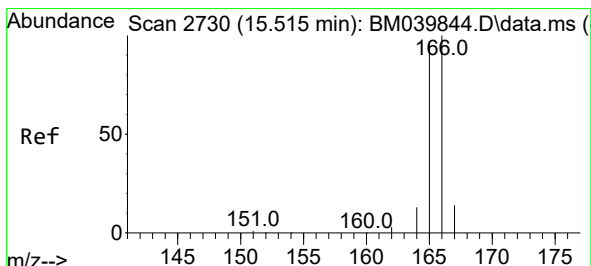
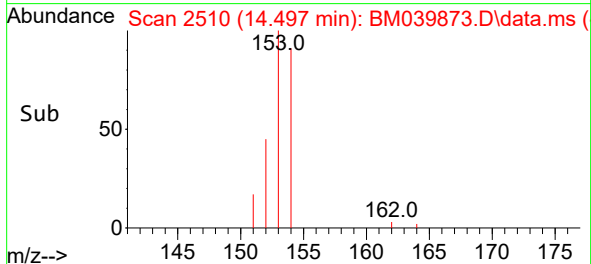
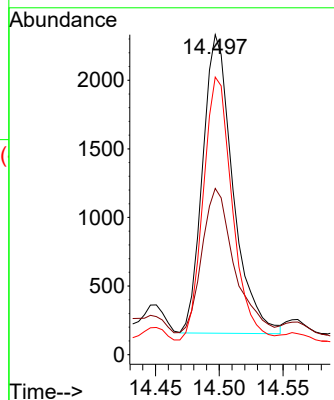
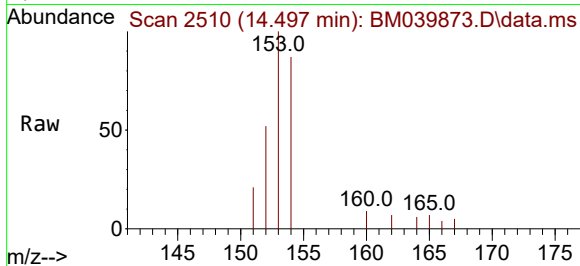




#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.497 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

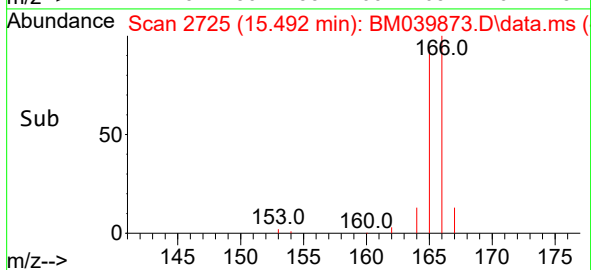
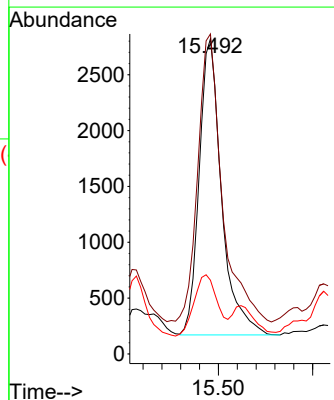
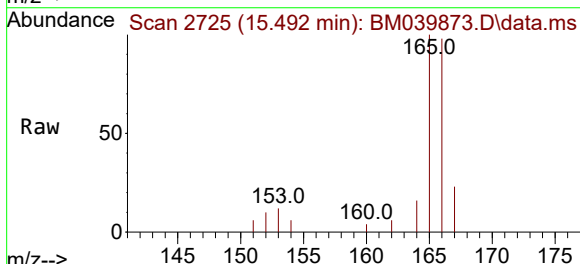
Instrument :
BNA_M
ClientSampleId :
EW945DL

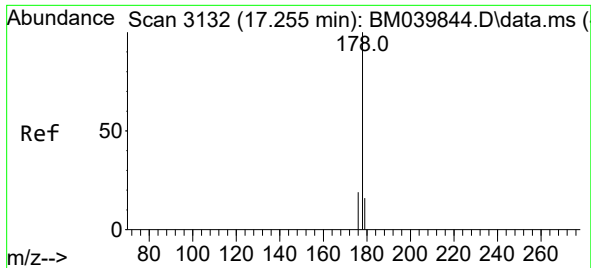
Tgt Ion:153 Resp: 3598
Ion Ratio Lower Upper
153 100
152 52.0 40.6 61.0
154 86.7 71.9 107.9



#12
Fluorene
Concen: 0.153 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:166 Resp: 4364
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 23.4 11.8 17.6#

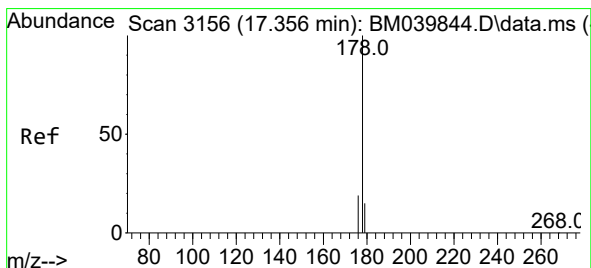
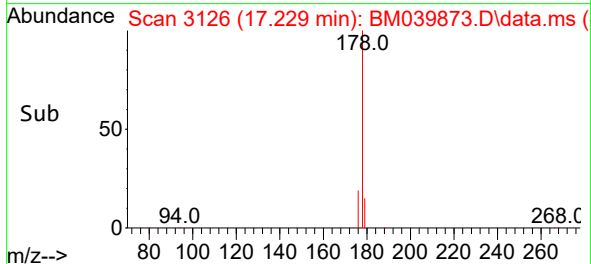
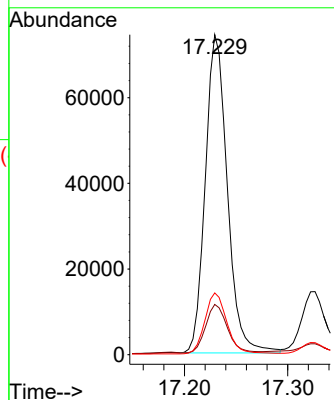
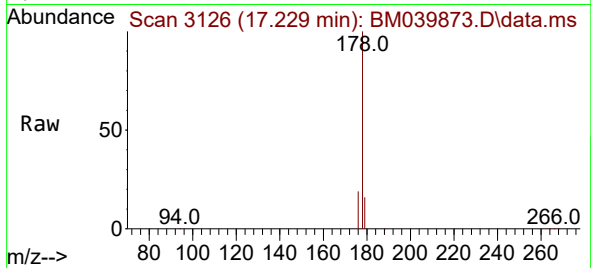




#15
Phenanthrene
Concen: 2.606 ng/ul
RT: 17.229 min Scan# 311
Delta R.T. -0.008 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

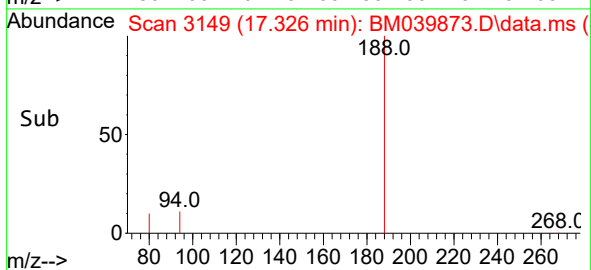
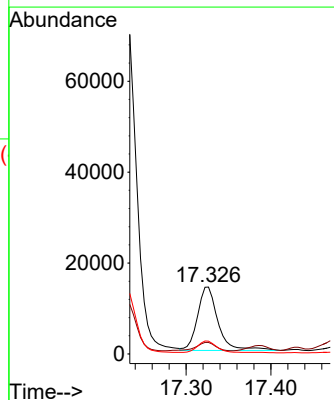
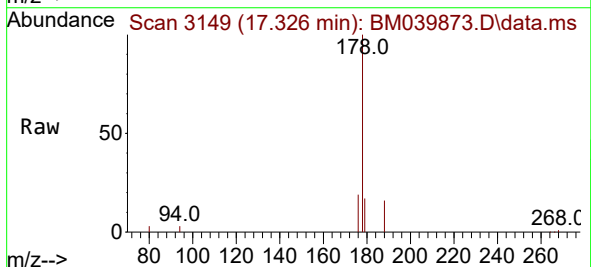
Instrument :
BNA_M
ClientSampleId :
EW945DL

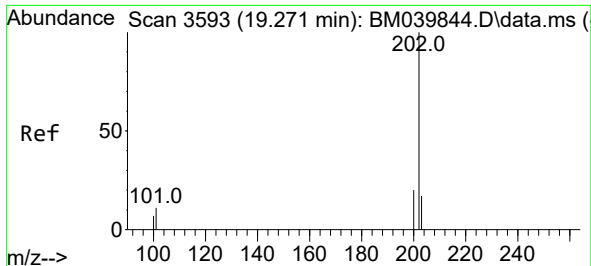
Tgt Ion:178 Resp: 110235
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.8 23.8



#16
Anthracene
Concen: 0.643 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:178 Resp: 23351
Ion Ratio Lower Upper
178 100
179 17.3 13.8 20.6
176 19.1 15.8 23.8

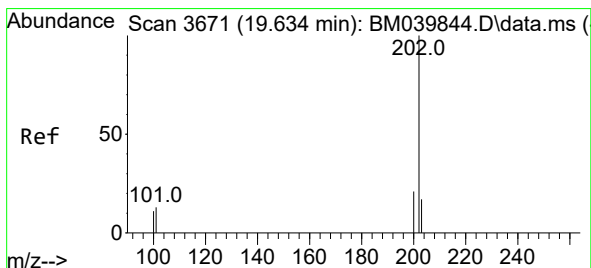
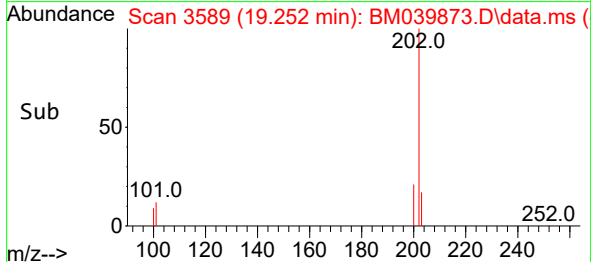
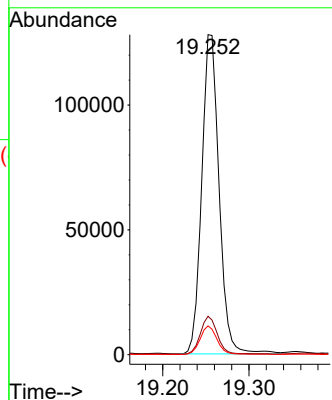
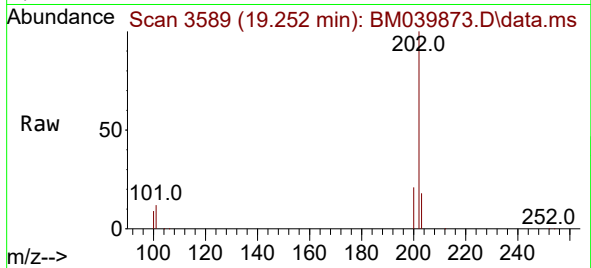




#19
Fluoranthene
Concen: 5.802 ng/u1
RT: 19.252 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

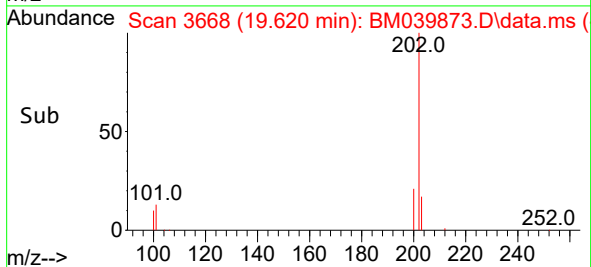
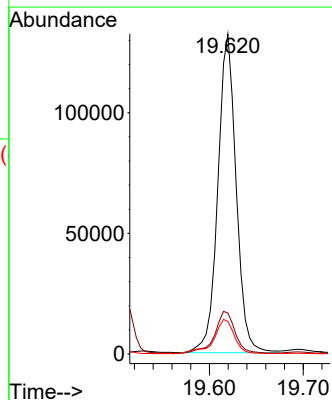
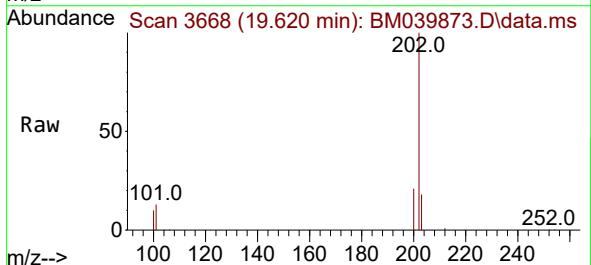
Instrument :
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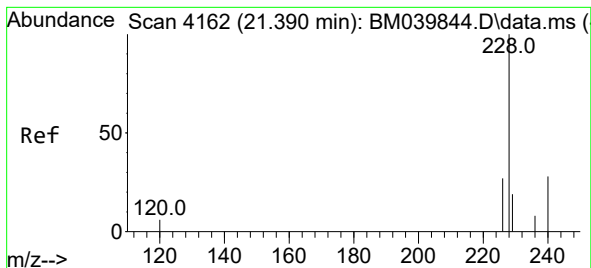
Tgt Ion:202 Resp: 179139
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.0 7.3 10.9



#20
Pyrene
Concen: 5.379 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:202 Resp: 179331
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.1 8.9 13.3





#21

Benzo(a)anthracene

Concen: 3.297 ng/ul

RT: 21.372 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM039873.D

Acq: 08 May 2023 17:42

Instrument :

BNA_M

ClientSampleId :

EW945DL

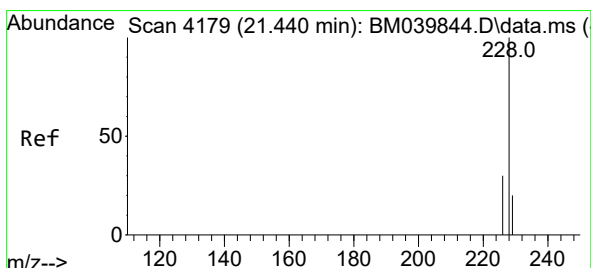
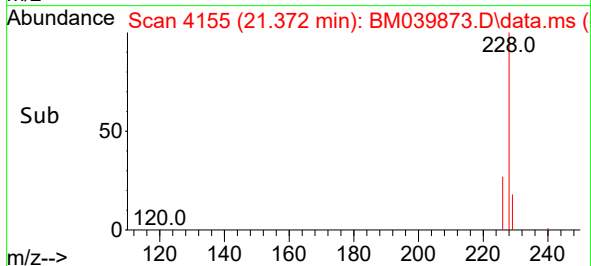
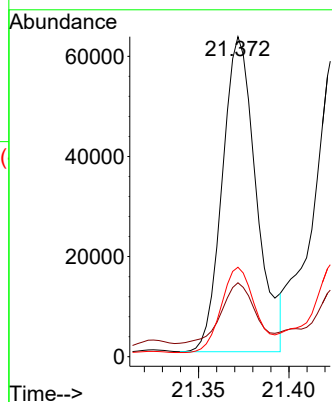
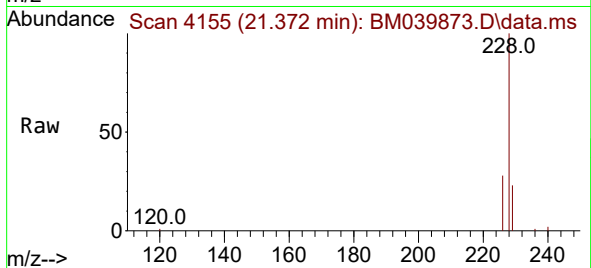
Tgt Ion:228 Resp: 82029

Ion Ratio Lower Upper

228 100

229 23.1 16.2 24.2

226 28.0 21.6 32.4



#22

Chrysene

Concen: 3.088 ng/ul

RT: 21.424 min Scan# 4173

Delta R.T. -0.006 min

Lab File: BM039873.D

Acq: 08 May 2023 17:42

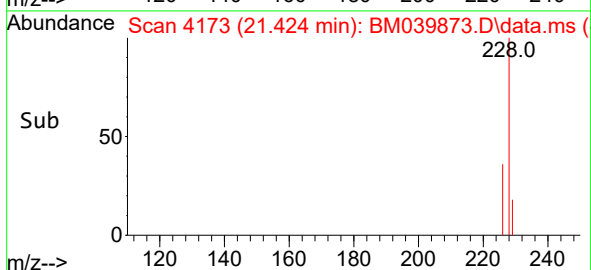
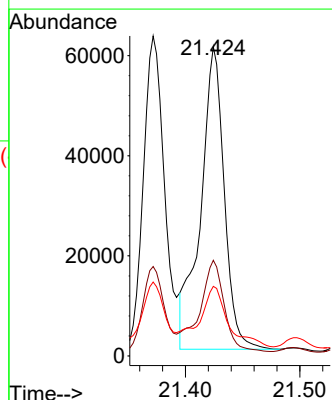
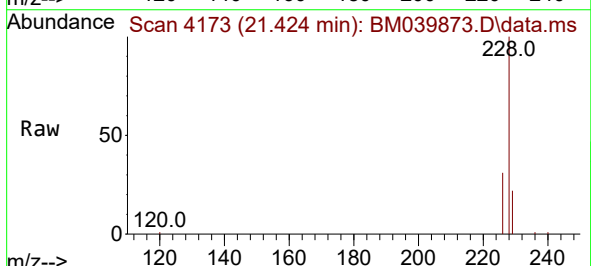
Tgt Ion:228 Resp: 86960

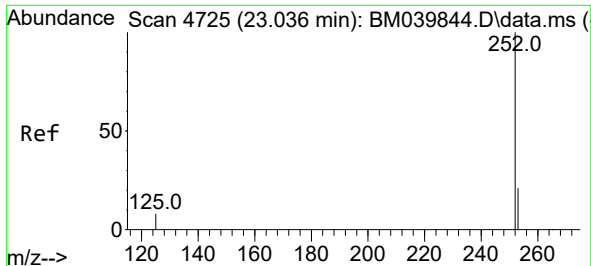
Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 22.5 15.9 23.9

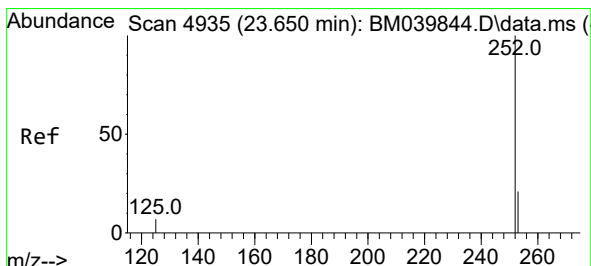
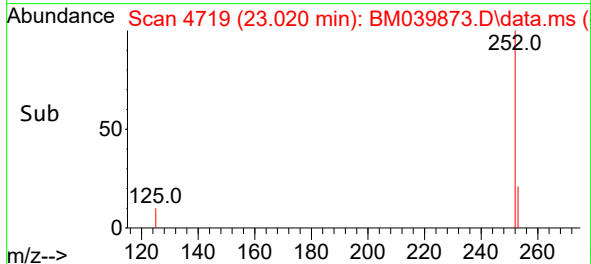
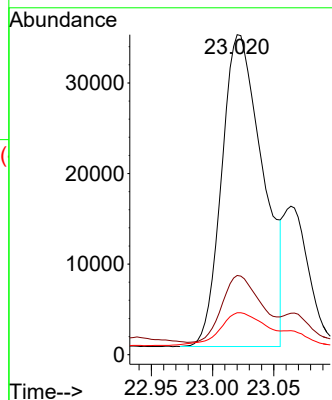
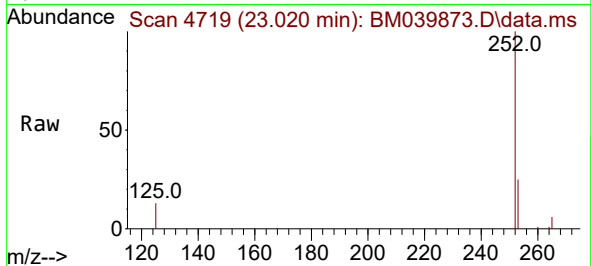




#24
Benzo(b)fluoranthene
Concen: 2.745 ng/ul
RT: 23.020 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

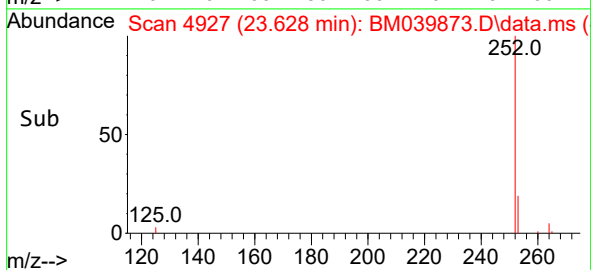
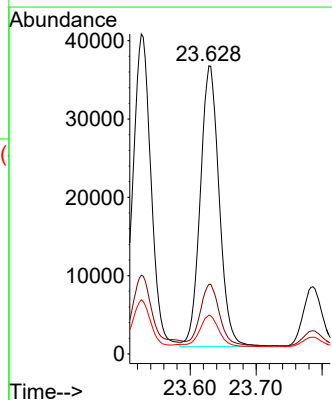
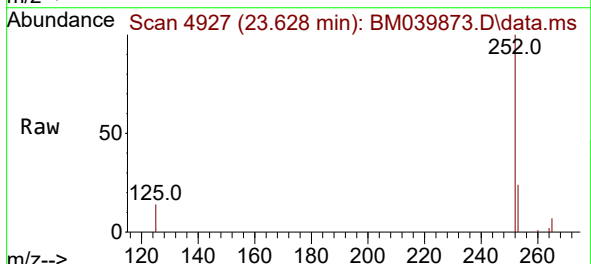
Instrument :
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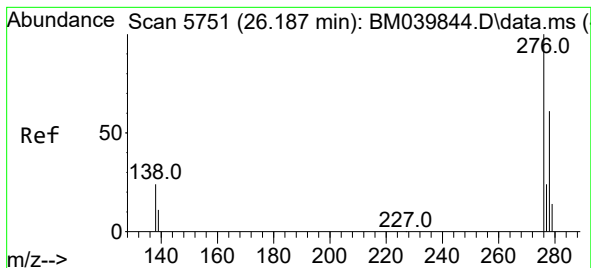
Tgt Ion:252 Resp: 80258
Ion Ratio Lower Upper
252 100
253 24.8 0.0 52.8
125 13.1 0.0 31.6



#26
Benzo(a)pyrene
Concen: 2.727 ng/ul
RT: 23.628 min Scan# 4927
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:252 Resp: 71592
Ion Ratio Lower Upper
252 100
253 24.1 24.7 37.1#
125 13.5 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.222 ng/ul

RT: 26.162 min Scan# 5

Delta R.T. -0.010 min

Lab File: BM039873.D

Acq: 08 May 2023 17:42

Instrument :

BNA_M

ClientSampleId :

EW945DL

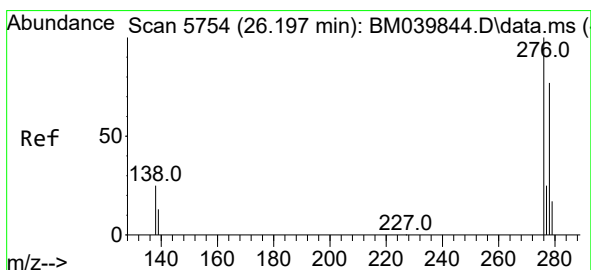
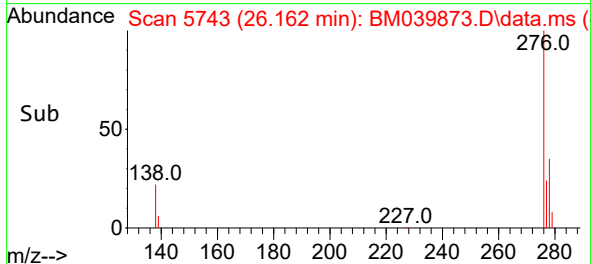
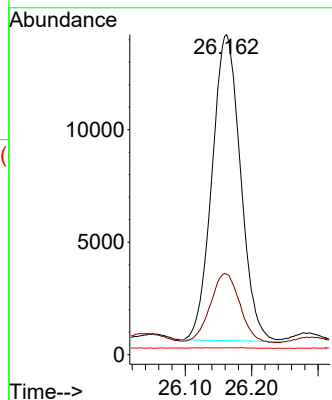
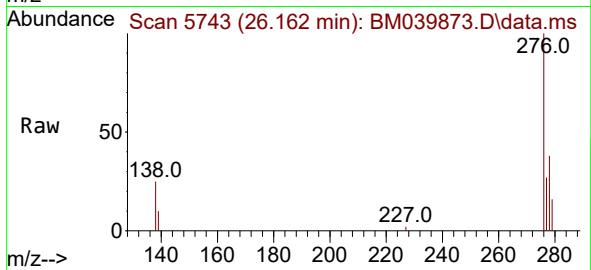
Tgt Ion:276 Resp: 40552

Ion Ratio Lower Upper

276 100

138 23.5 21.1 31.7

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.710 ng/ul

RT: 26.162 min Scan# 5743

Delta R.T. -0.017 min

Lab File: BM039873.D

Acq: 08 May 2023 17:42

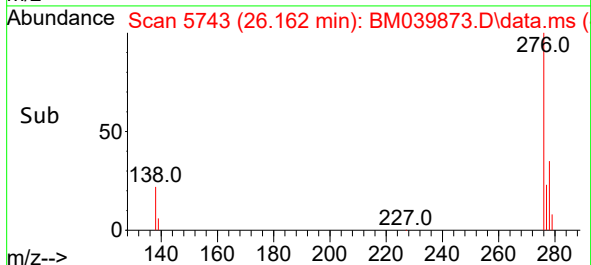
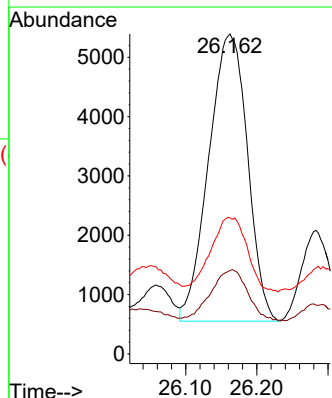
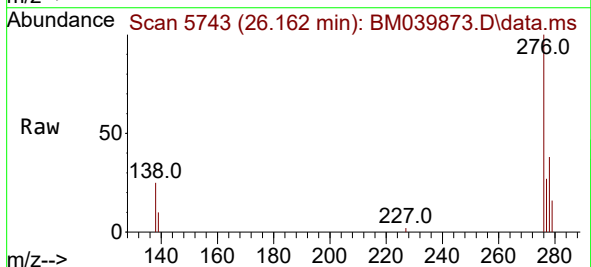
Tgt Ion:278 Resp: 18303

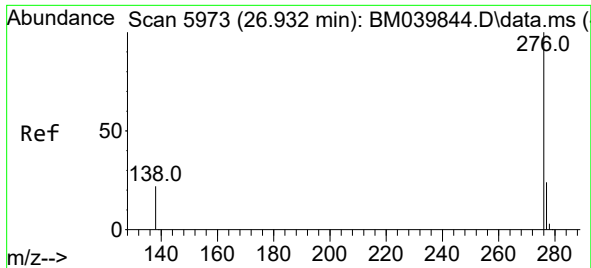
Ion Ratio Lower Upper

278 100

139 26.0 17.0 25.6#

279 42.6 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 2.034 ng/ul

RT: 26.910 min Scan# 5966

Delta R.T. -0.007 min

Lab File: BM039873.D

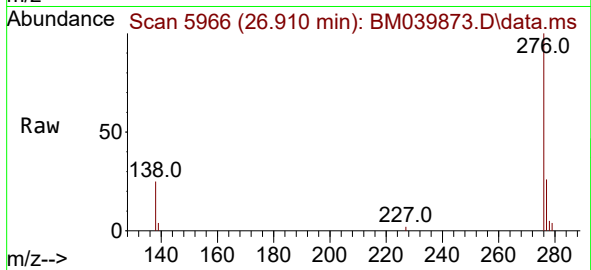
Acq: 08 May 2023 17:42

Instrument :

BNA_M

ClientSampleId :

EW945DL



Tgt Ion:276 Resp: 58821

Ion Ratio Lower Upper

276 100

138 24.6 20.1 30.1

277 25.9 20.1 30.1

