

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039867.D
 Acq On : 08 May 2023 13:25
 Operator : CG/JU
 Sample : 02479-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945

Quant Time: May 09 01:51:28 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)

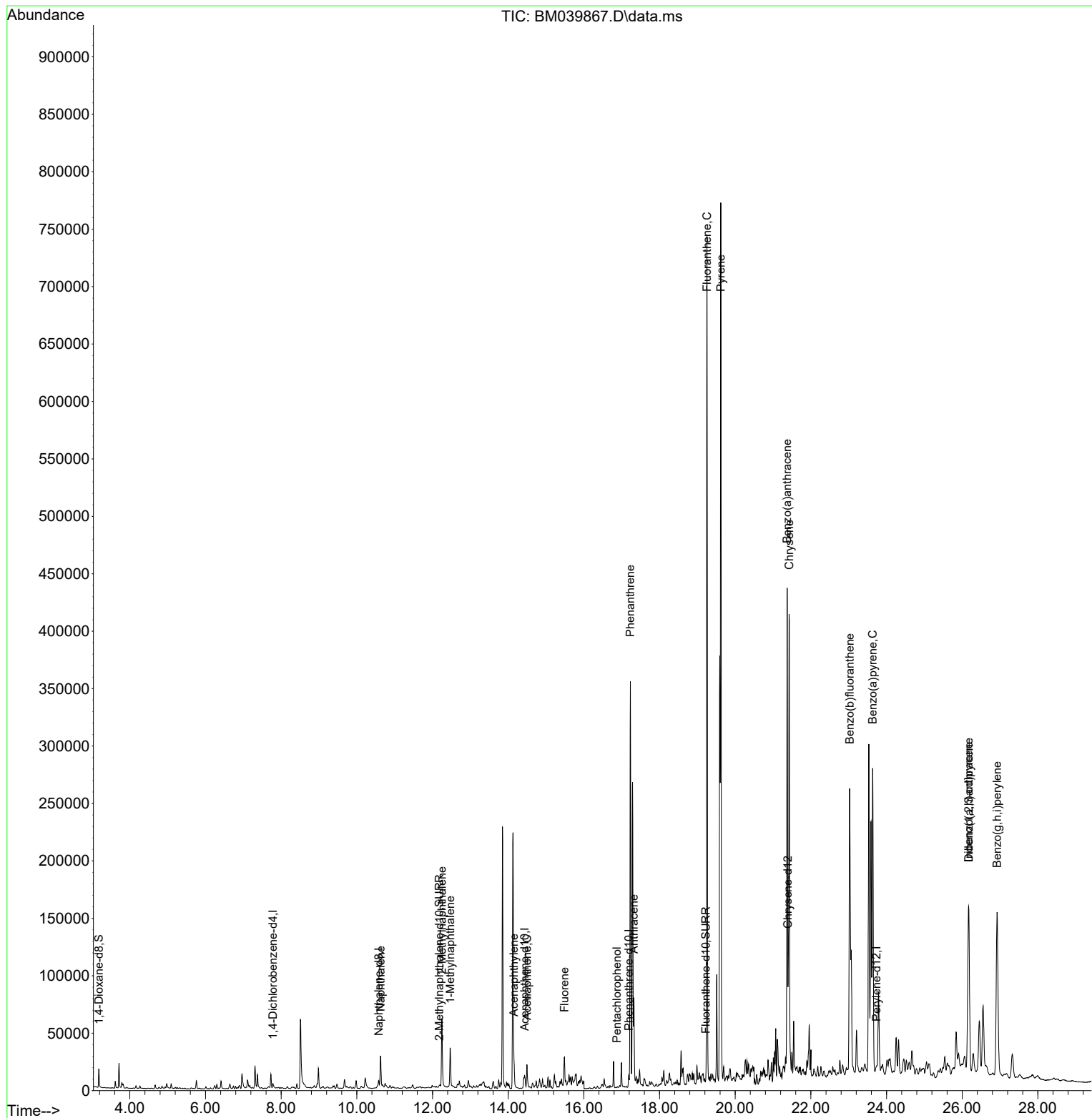
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2900	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.579	136	9879	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.432	164	5971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	10220	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.391	240	6236	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	9111	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	9478	2.218	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2507	0.198	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	4571	0.272	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.628	128	42137	1.699	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	49817	3.479	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	25351	1.651	ng/ul	100
10) Acenaphthylene	14.155	152	13337	0.577	ng/ul#	79
11) Acenaphthene	14.497	153	12114	0.667	ng/ul	98
12) Fluorene	15.487	166	15814	0.785	ng/ul#	95
14) Pentachlorophenol	16.875	266	50	0.022	ng/ul	92
15) Phenanthrene	17.229	178	364016	13.520	ng/ul	99
16) Anthracene	17.322	178	74473	3.221	ng/ul	98
19) Fluoranthene	19.253	202	618564	27.804	ng/ul	99
20) Pyrene	19.620	202	618803	25.756	ng/ul	99
21) Benzo(a)anthracene	21.373	228	357165	19.921	ng/ul	97
22) Chrysene	21.426	228	386348	19.041	ng/ul	97
24) Benzo(b)fluoranthene	23.024	252	400296	12.510	ng/ul	93
26) Benzo(a)pyrene	23.635	252	380722	13.253	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.171	276	216938	5.972	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.171	278	99292	3.522	ng/ul#	87
29) Benzo(g,h,i)perylene	26.922	276	313629	9.908	ng/ul	99

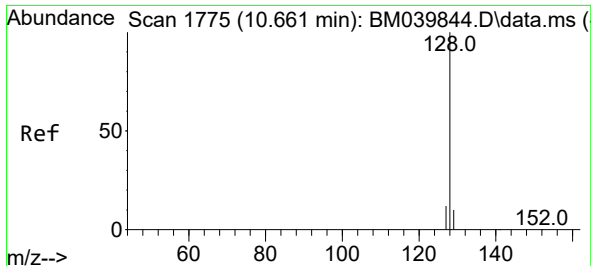
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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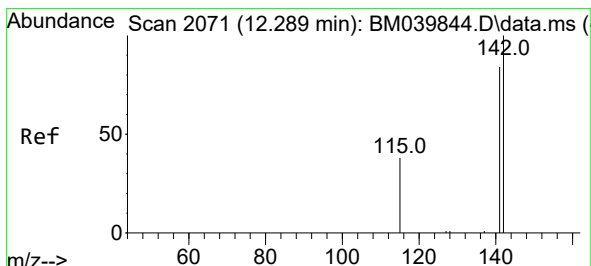
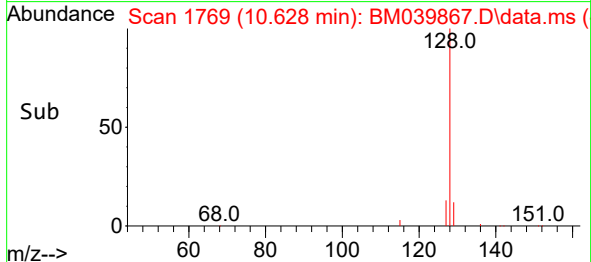
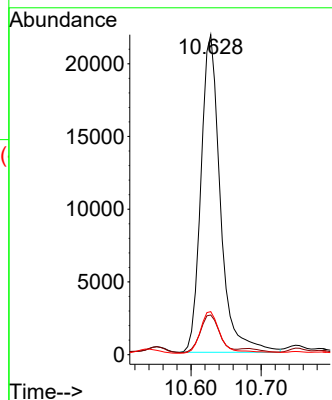
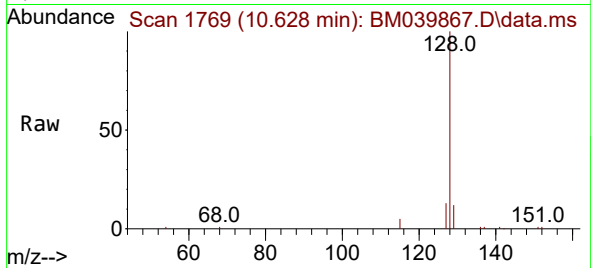




#5
Naphthalene
Concen: 1.699 ng/ul
RT: 10.628 min Scan# 1775
Delta R.T. -0.016 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

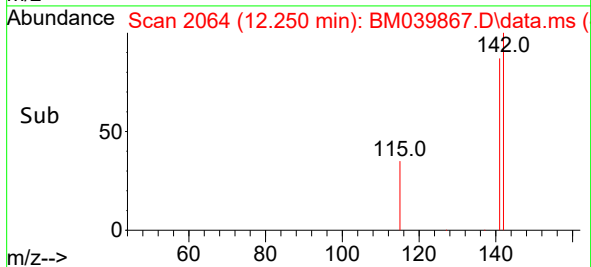
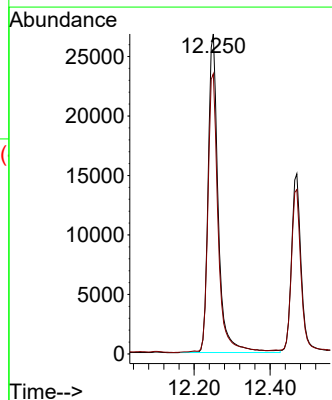
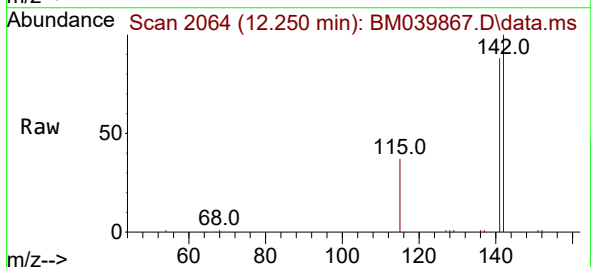
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BNA_M
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EW945

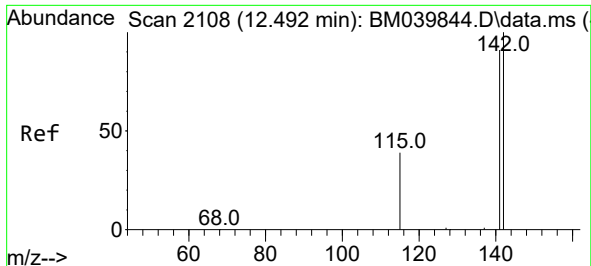
Tgt Ion:128 Resp: 42137
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 13.4 11.1 16.7



#7
2-Methylnaphthalene
Concen: 3.479 ng/ul
RT: 12.250 min Scan# 2064
Delta R.T. -0.022 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:142 Resp: 49817
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8

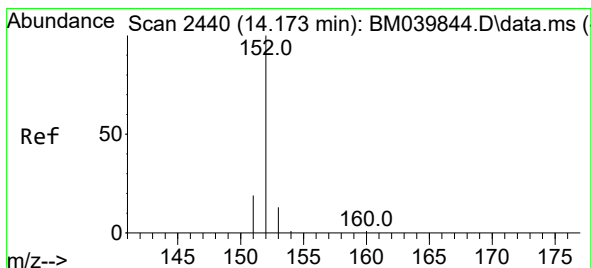
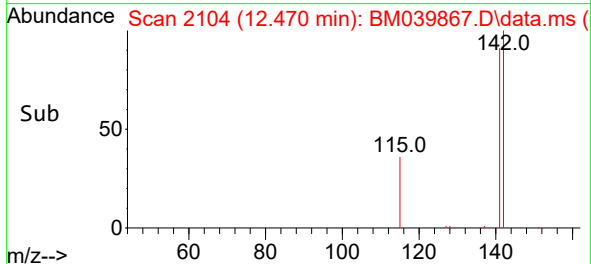
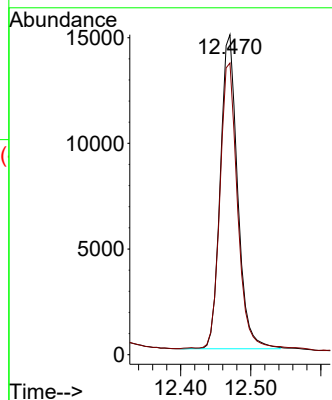
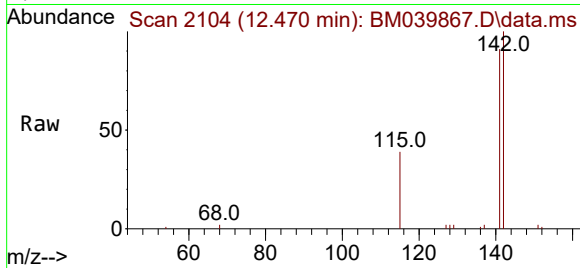




#8
1-Methylnaphthalene
Concen: 1.651 ng/ul
RT: 12.470 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

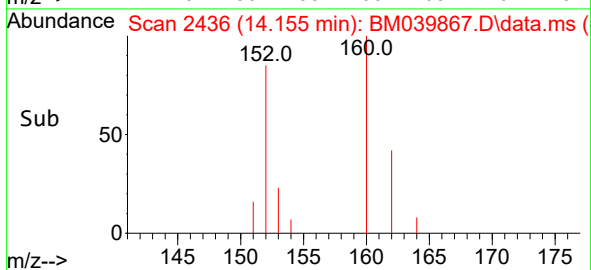
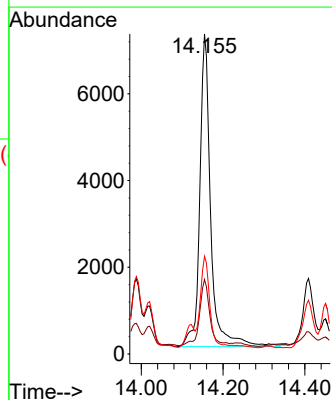
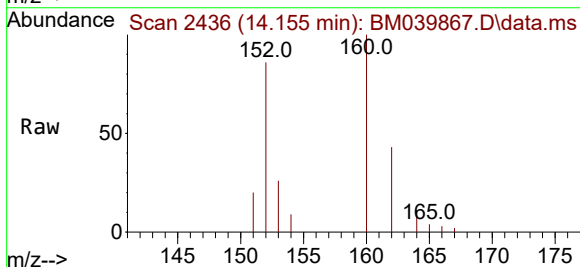
Instrument :
BNA_M
ClientSampleId :
EW945

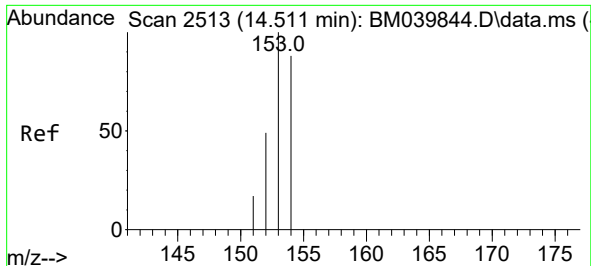
Tgt Ion:142 Resp: 25351
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2



#10
Acenaphthylene
Concen: 0.577 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:152 Resp: 13337
Ion Ratio Lower Upper
152 100
151 23.2 16.0 24.0
153 30.6 11.2 16.8#

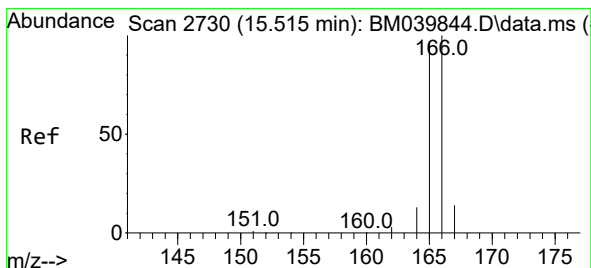
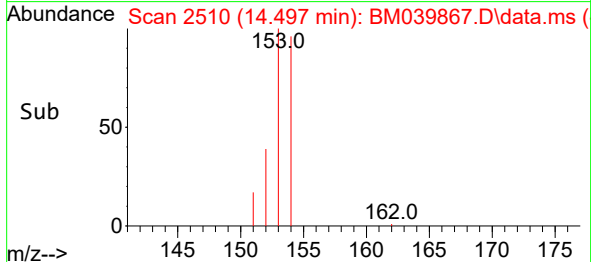
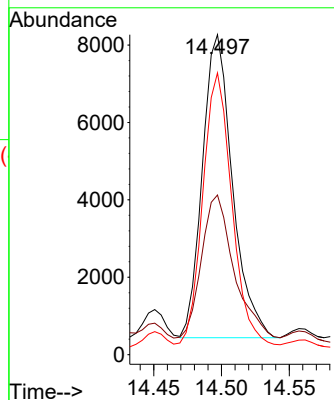
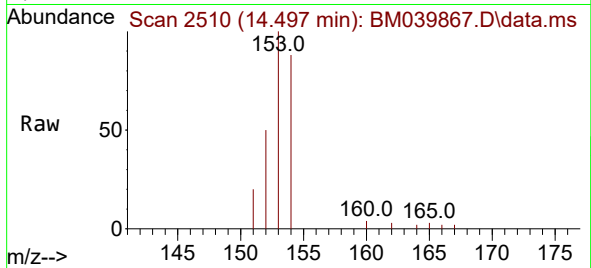




#11
Acenaphthene
Concen: 0.667 ng/ul
RT: 14.497 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

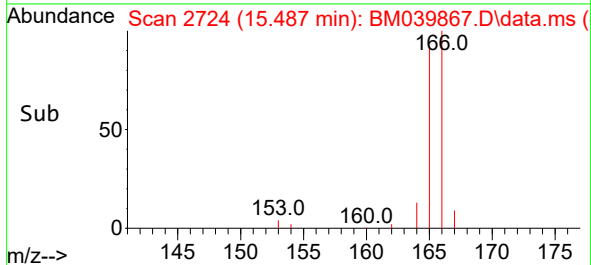
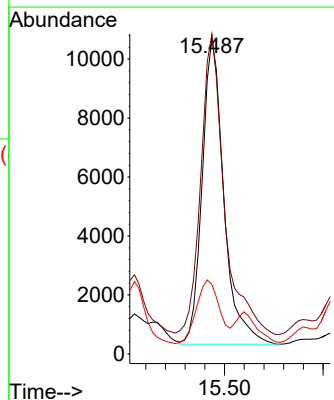
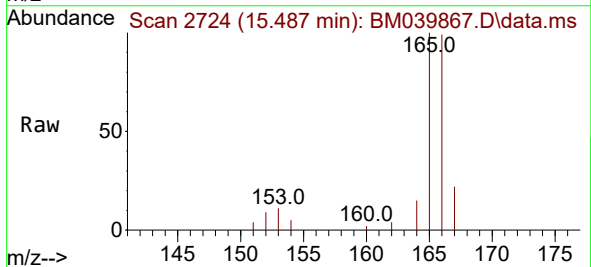
Instrument :
BNA_M
ClientSampleId :
EW945

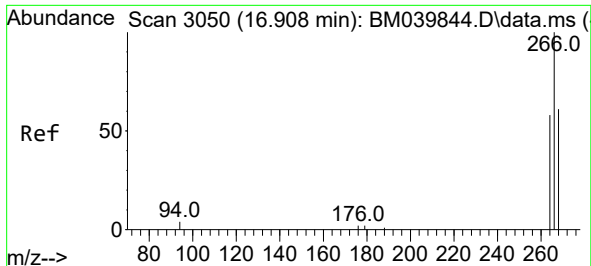
Tgt Ion:153 Resp: 12114
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 88.1 71.9 107.9



#12
Fluorene
Concen: 0.785 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:166 Resp: 15814
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 22.0 11.8 17.6#

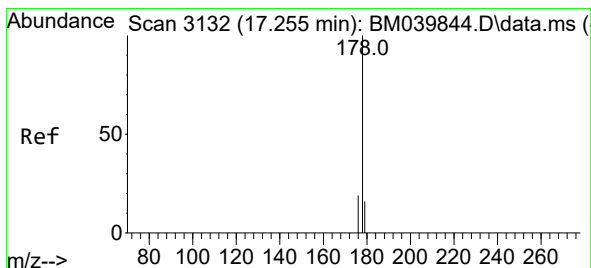
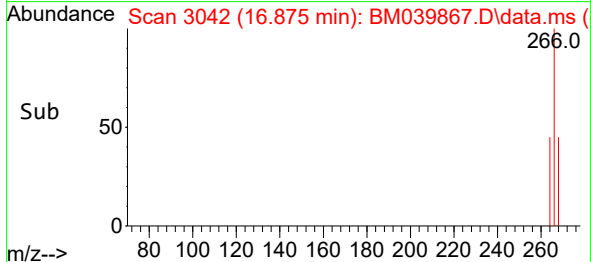
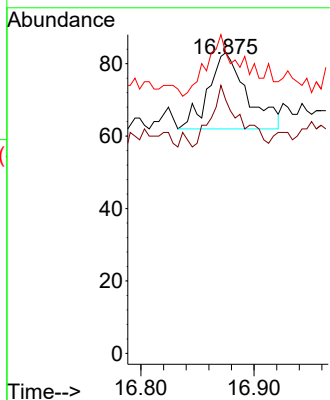
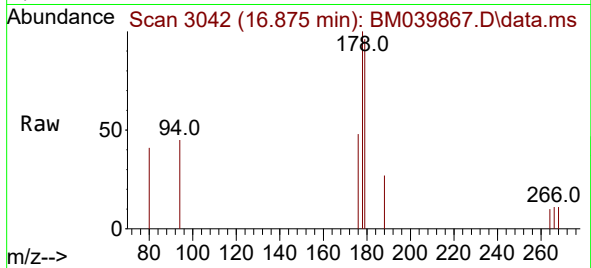




#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.875 min Scan# 3050
 Delta R.T. -0.017 min
 Lab File: BM039867.D
 Acq: 08 May 2023 13:25

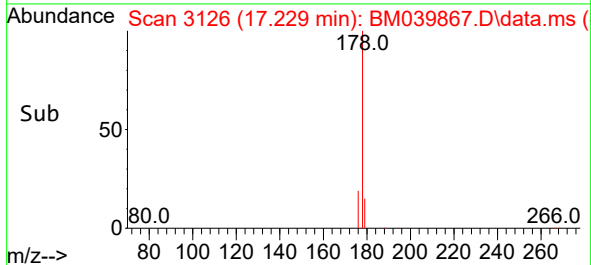
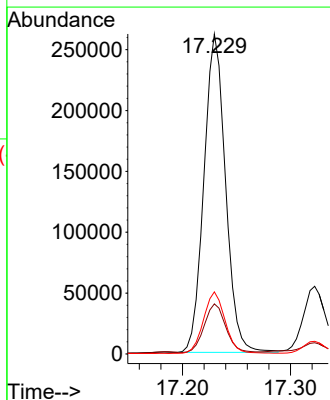
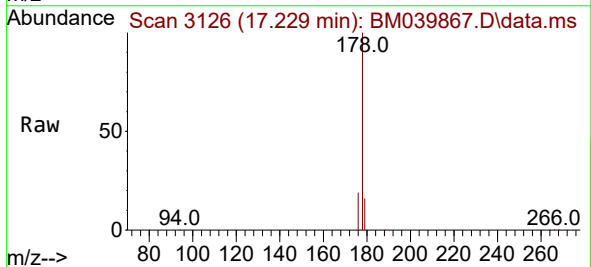
Instrument :
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 ClientSampleId :
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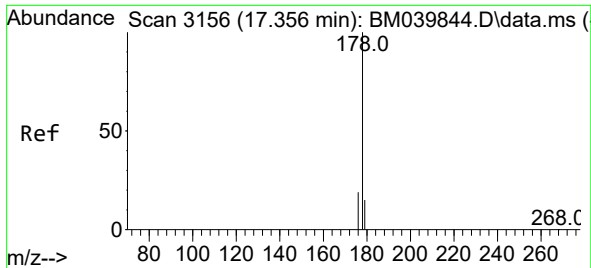
Tgt Ion:266 Resp: 50
 Ion Ratio Lower Upper
 266 100
 264 58.0 48.8 73.2
 268 72.0 50.4 75.6



#15
 Phenanthrene
 Concen: 13.520 ng/ul
 RT: 17.229 min Scan# 3126
 Delta R.T. -0.008 min
 Lab File: BM039867.D
 Acq: 08 May 2023 13:25

Tgt Ion:178 Resp: 364016
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.4 15.8 23.8

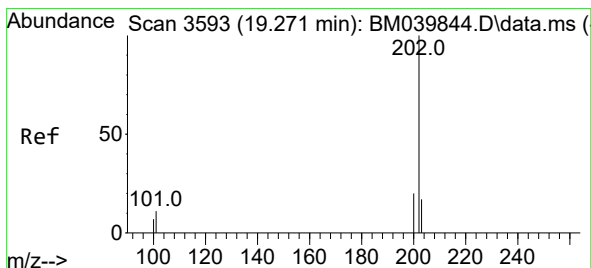
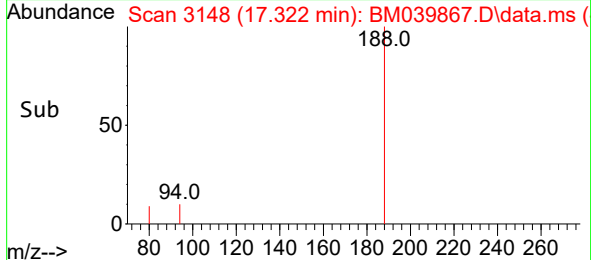
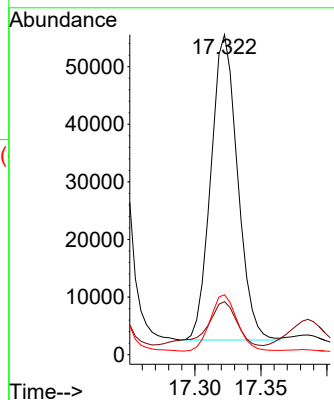
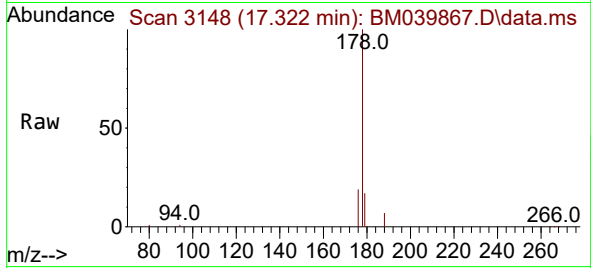




#16
 Anthracene
 Concen: 3.221 ng/ul
 RT: 17.322 min Scan# 3156
 Delta R.T. -0.017 min
 Lab File: BM039867.D
 Acq: 08 May 2023 13:25

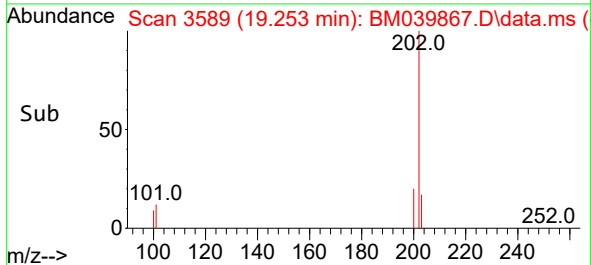
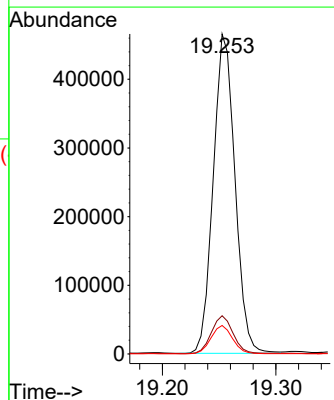
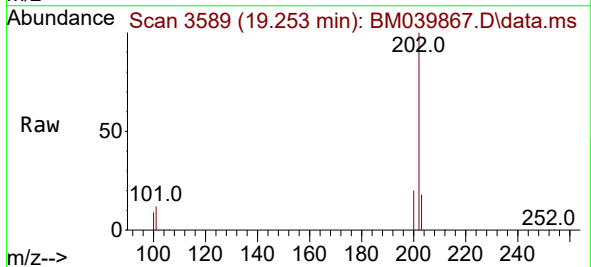
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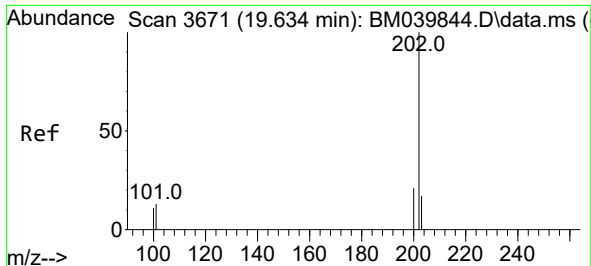
Tgt Ion:178 Resp: 74473
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.8 20.6
 176 18.8 15.8 23.8



#19
 Fluoranthene
 Concen: 27.804 ng/ul
 RT: 19.253 min Scan# 3589
 Delta R.T. -0.009 min
 Lab File: BM039867.D
 Acq: 08 May 2023 13:25

Tgt Ion:202 Resp: 618564
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.8 14.8
 100 8.9 7.3 10.9

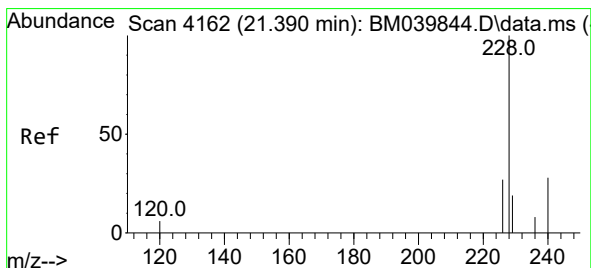
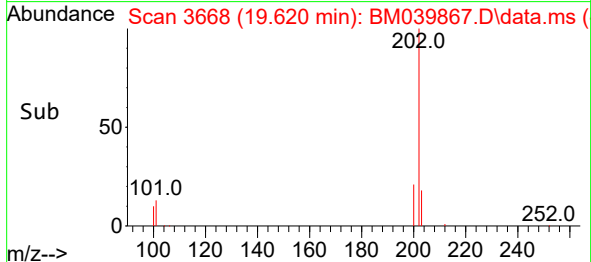
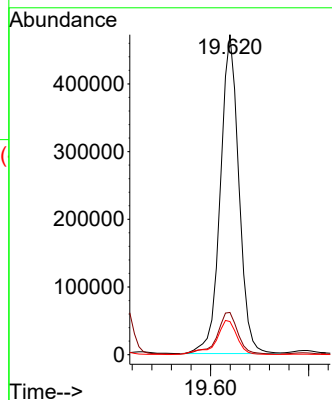
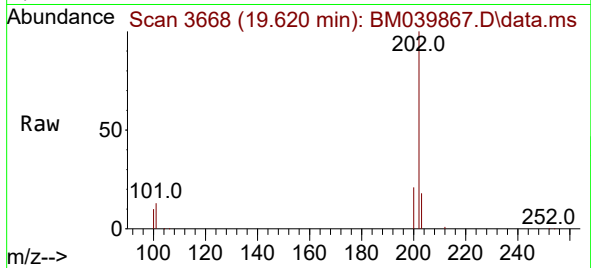




#20
Pyrene
Concen: 25.756 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

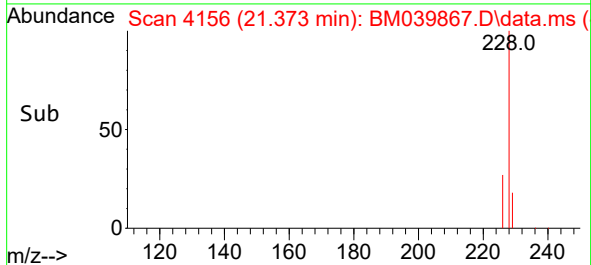
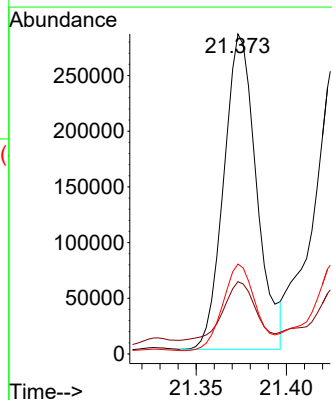
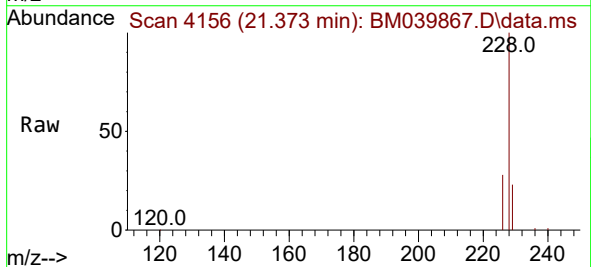
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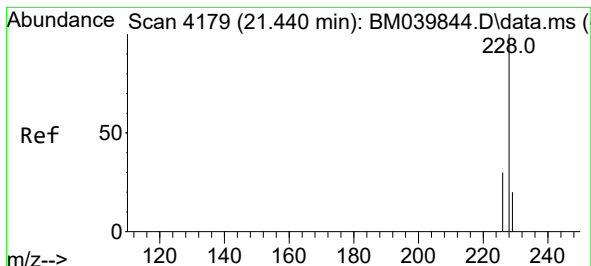
Tgt Ion:202 Resp: 618803
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.4 8.9 13.3



#21
Benzo(a)anthracene
Concen: 19.921 ng/ul
RT: 21.373 min Scan# 4156
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:228 Resp: 357165
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 28.1 21.6 32.4





#22

Chrysene

Concen: 19.041 ng/ul

RT: 21.426 min Scan# 41

Delta R.T. -0.004 min

Lab File: BM039867.D

Acq: 08 May 2023 13:25

Instrument :

BNA_M

ClientSampleId :

EW945

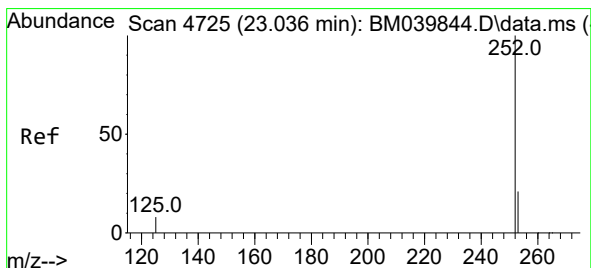
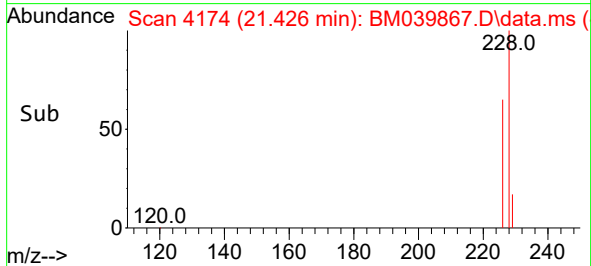
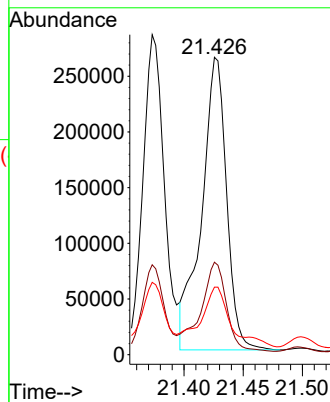
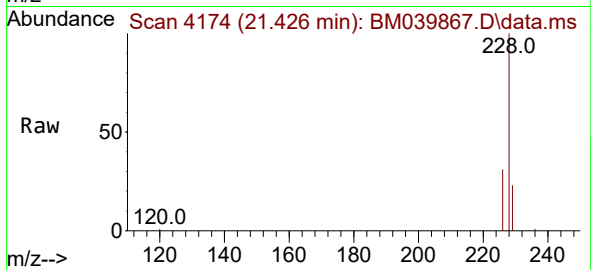
Tgt Ion:228 Resp: 386348

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 22.7 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 12.510 ng/ul

RT: 23.024 min Scan# 4721

Delta R.T. 0.001 min

Lab File: BM039867.D

Acq: 08 May 2023 13:25

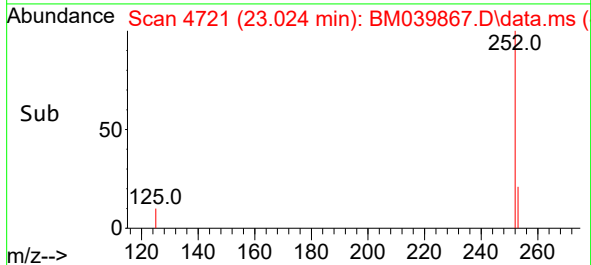
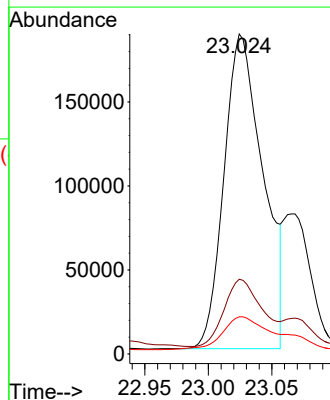
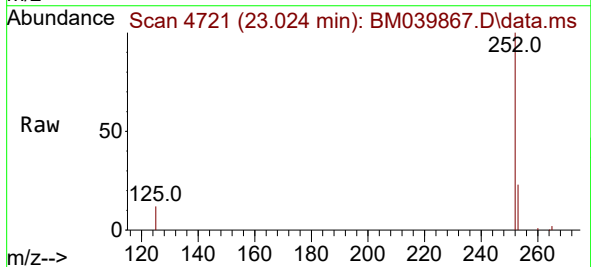
Tgt Ion:252 Resp: 400296

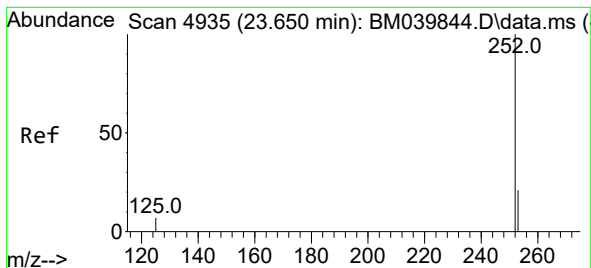
Ion Ratio Lower Upper

252 100

253 23.4 0.0 52.8

125 11.6 0.0 31.6





#26

Benzo(a)pyrene

Concen: 13.253 ng/ul

RT: 23.635 min Scan# 4935

Delta R.T. -0.002 min

Lab File: BM039867.D

Acq: 08 May 2023 13:25

Instrument :

BNA_M

ClientSampleId :

EW945

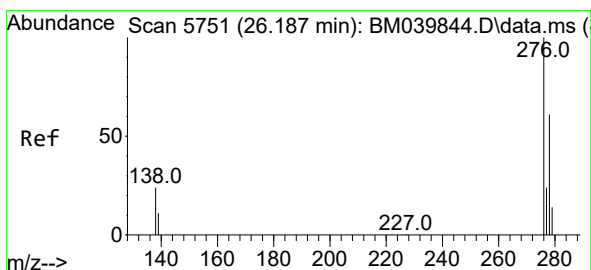
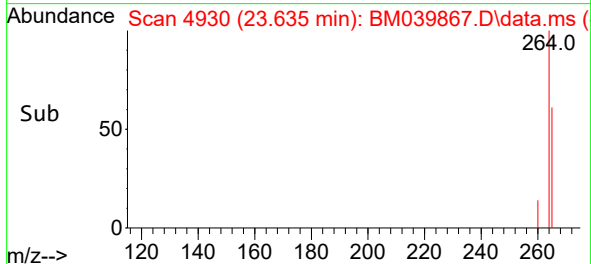
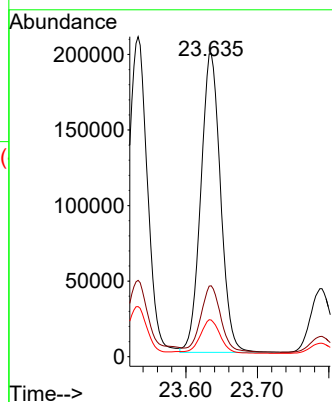
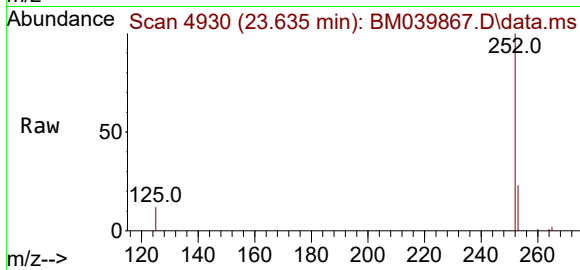
Tgt Ion:252 Resp: 380722

Ion Ratio Lower Upper

252 100

253 23.4 24.7 37.1#

125 12.1 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.972 ng/ul

RT: 26.171 min Scan# 5746

Delta R.T. -0.002 min

Lab File: BM039867.D

Acq: 08 May 2023 13:25

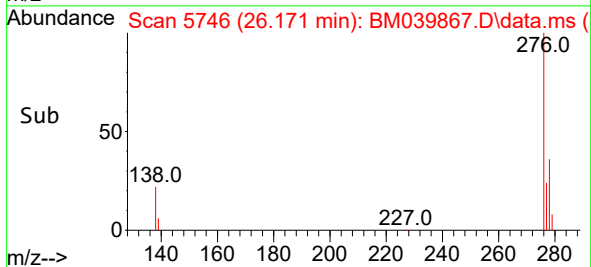
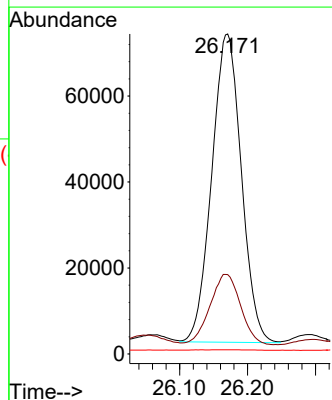
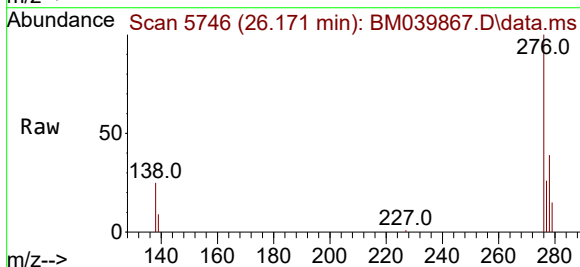
Tgt Ion:276 Resp: 216938

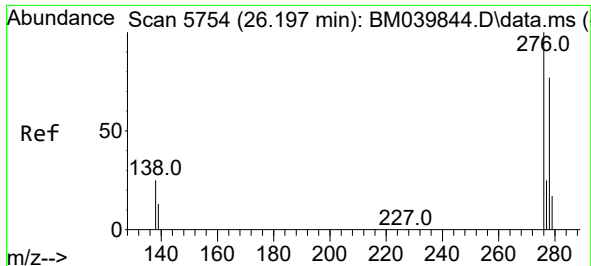
Ion Ratio Lower Upper

276 100

138 23.7 21.1 31.7

227 0.2 0.1 0.1#

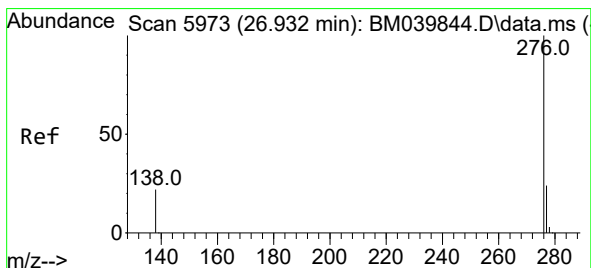
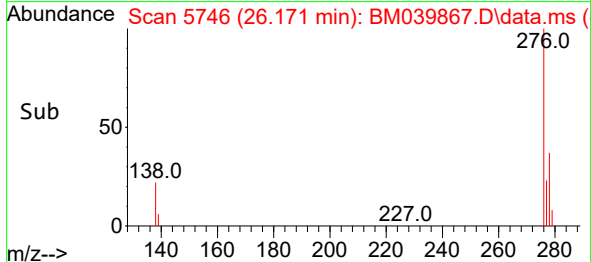
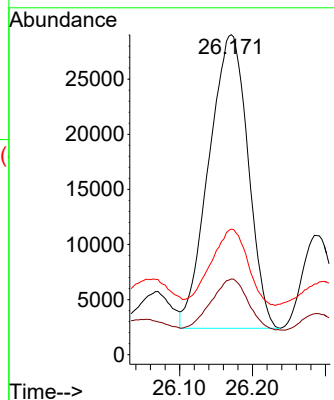
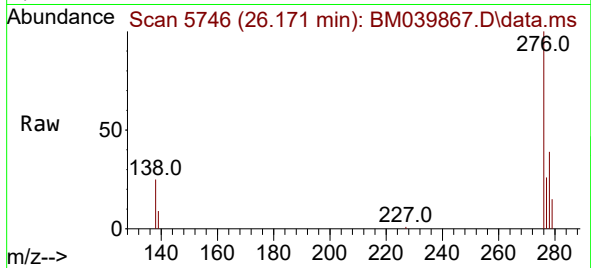




#28
Dibenzo(a,h)anthracene
Concen: 3.522 ng/ul
RT: 26.171 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Instrument :
BNA_M
ClientSampleId :
EW945

Tgt Ion:278 Resp: 99292
Ion Ratio Lower Upper
278 100
139 23.7 17.0 25.6
279 39.2 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 9.908 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. 0.005 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:276 Resp: 313629
Ion Ratio Lower Upper
276 100
138 23.8 20.1 30.1
277 25.2 20.1 30.1

