

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039866.D
 Acq On : 08 May 2023 12:48
 Operator : CG/JU
 Sample : 02479-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW952

Quant Time: May 09 01:51:17 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)

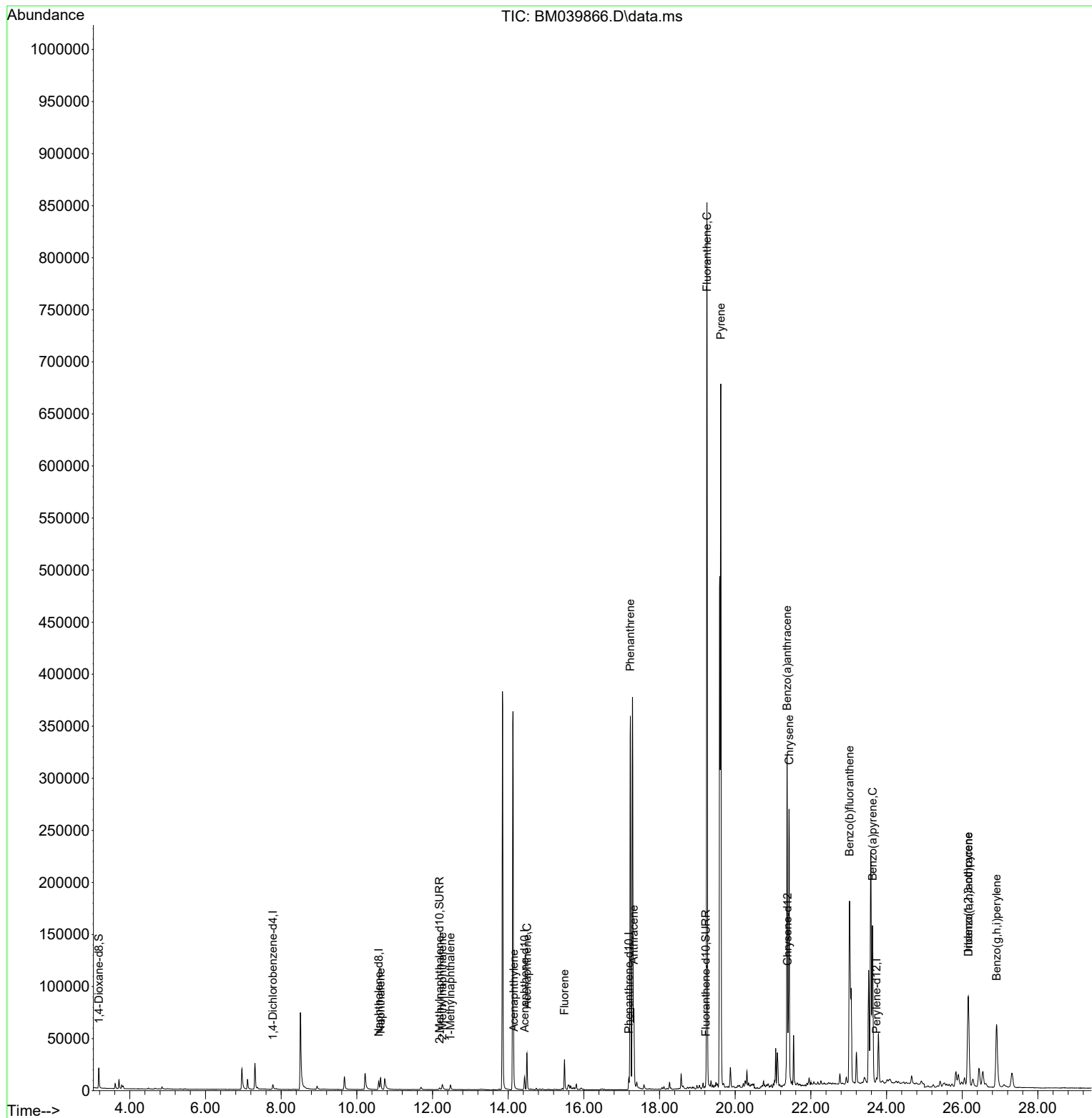
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3191	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.579	136	12104	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.432	164	6679	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	12885	0.400	ng/ul	0.00
17) Chrysene-d12	21.388	240	6347	0.400	ng/ul	# 0.00
23) Perylene-d12	23.735	264	6297	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	12030	2.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	3414	0.220	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	5624	0.329	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	17304	0.569	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	5268	0.300	ng/ul	97
8) 1-Methylnaphthalene	12.476	142	3762	0.200	ng/ul	99
10) Acenaphthylene	14.155	152	3147	0.122	ng/ul#	90
11) Acenaphthene	14.497	153	21001	1.034	ng/ul	98
12) Fluorene	15.487	166	18627	0.827	ng/ul	99
15) Phenanthrene	17.229	178	382770	11.276	ng/ul	98
16) Anthracene	17.322	178	75754	2.599	ng/ul	98
19) Fluoranthene	19.253	202	723143	31.936	ng/ul	99
20) Pyrene	19.620	202	586082	23.968	ng/ul	98
21) Benzo(a)anthracene	21.373	228	269001	14.741	ng/ul	99
22) Chrysene	21.426	228	247902	12.004	ng/ul	98
24) Benzo(b)fluoranthene	23.021	252	305705	13.824	ng/ul	92
26) Benzo(a)pyrene	23.629	252	218685	11.014	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.161	276	152229	6.063	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.167	278	36356	1.866	ng/ul	98
29) Benzo(g,h,i)perylene	26.909	276	130890	5.983	ng/ul	98

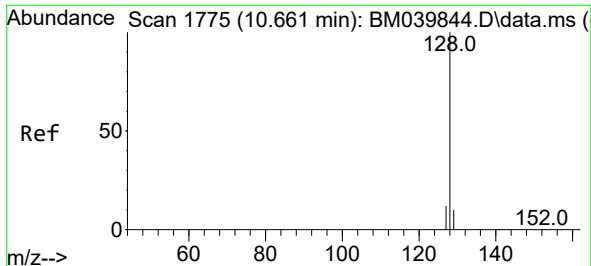
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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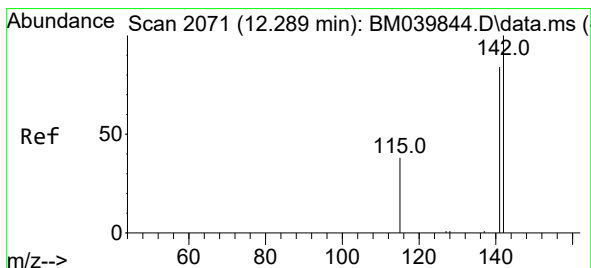
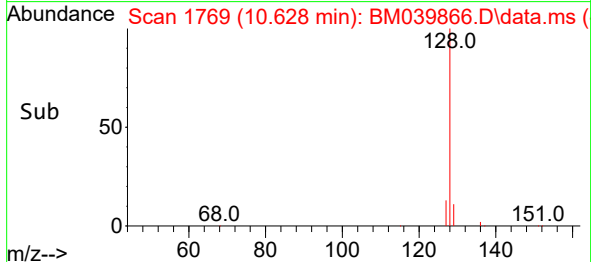
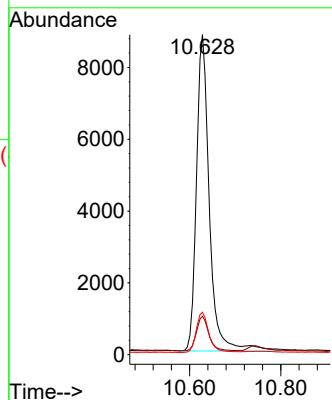
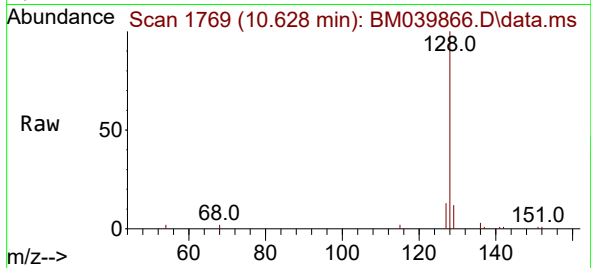




#5
Naphthalene
Concen: 0.569 ng/ul
RT: 10.628 min Scan# 1775
Delta R.T. -0.016 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

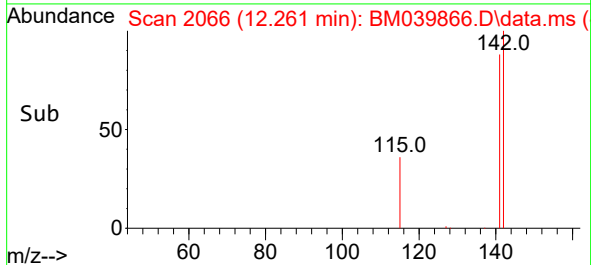
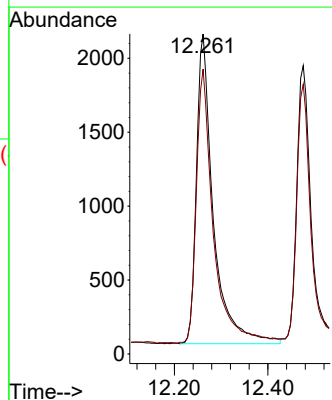
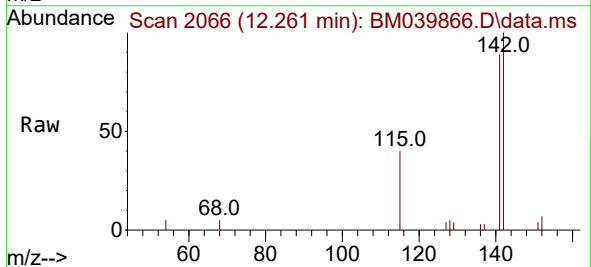
Instrument :
BNA_M
ClientSampleId :
EW952

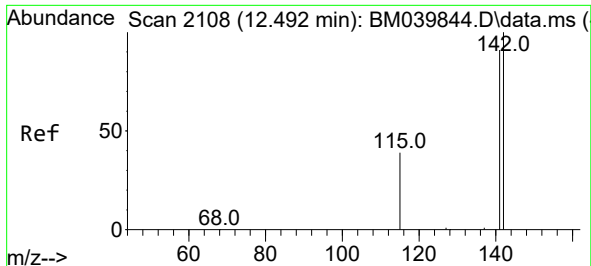
Tgt Ion:128 Resp: 17304
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 13.2 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Tgt Ion:142 Resp: 5268
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8

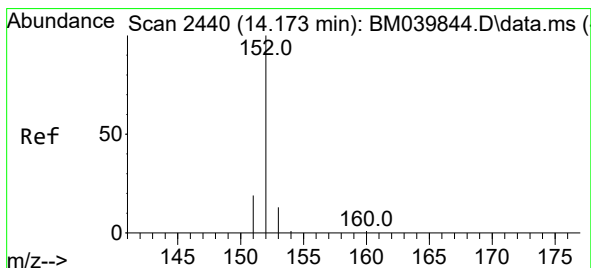
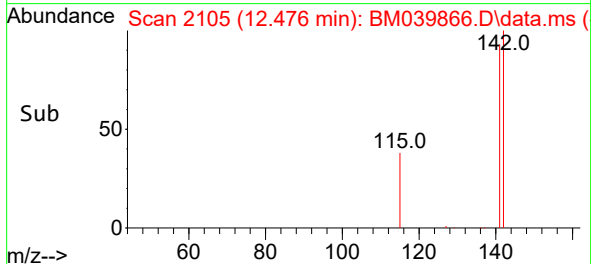
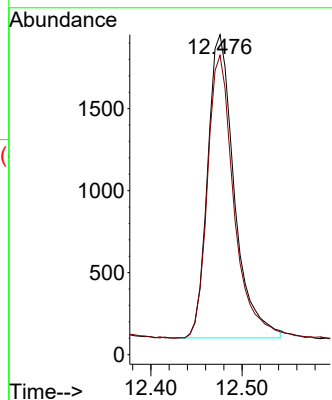
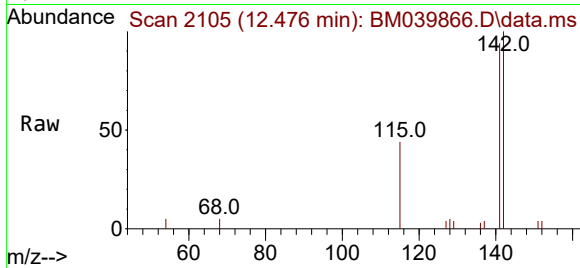




#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.476 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

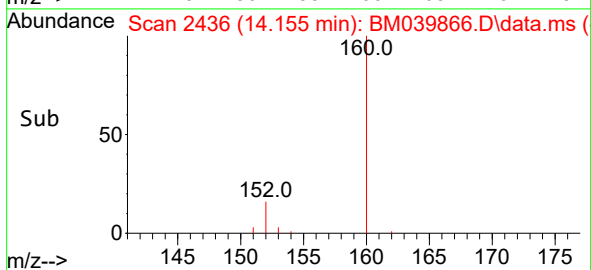
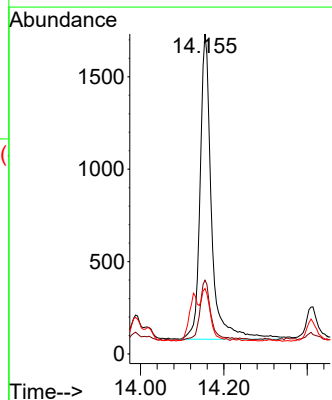
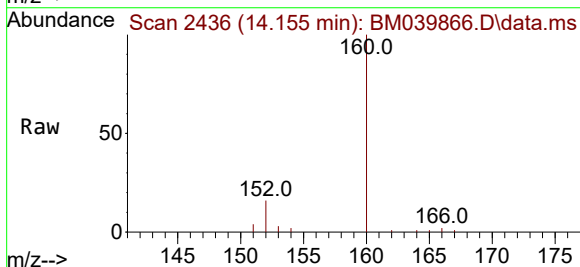
Instrument :
BNA_M
ClientSampleId :
EW952

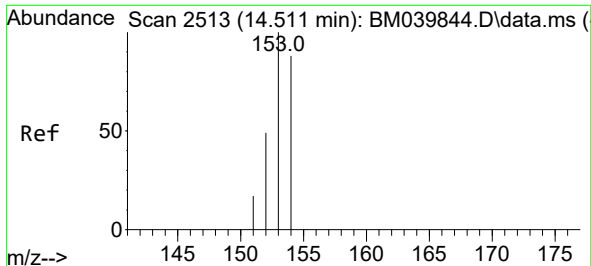
Tgt Ion:142 Resp: 3762
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2



#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Tgt Ion:152 Resp: 3147
Ion Ratio Lower Upper
152 100
151 23.0 16.0 24.0
153 20.4 11.2 16.8#

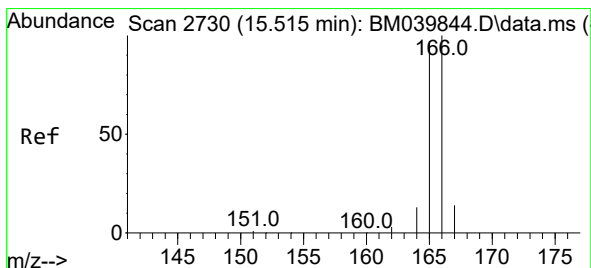
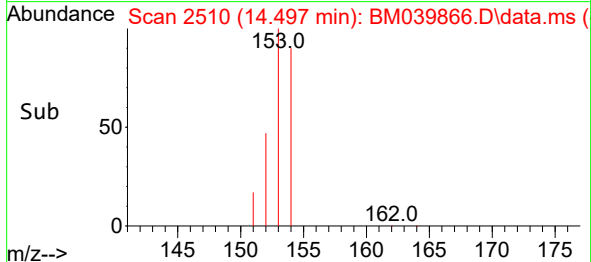
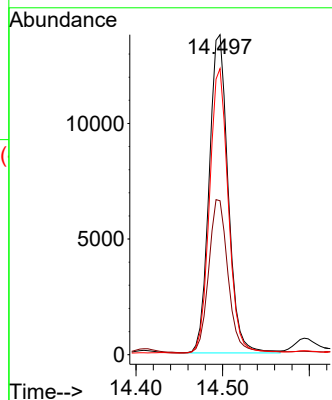
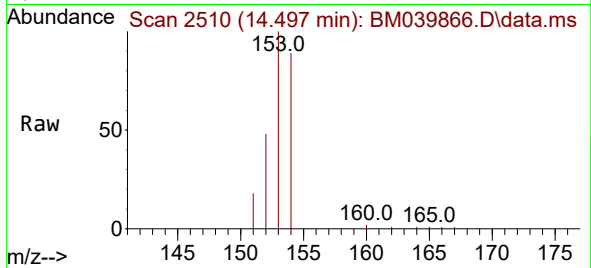




#11
Acenaphthene
Concen: 1.034 ng/ul
RT: 14.497 min Scan# 21001
Delta R.T. -0.004 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

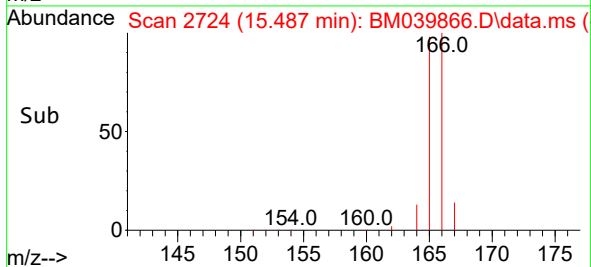
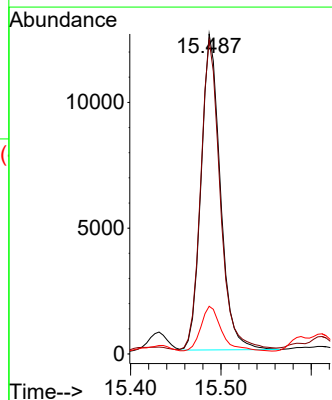
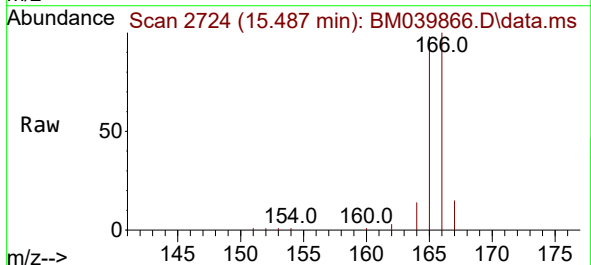
Instrument :
BNA_M
ClientSampleId :
EW952

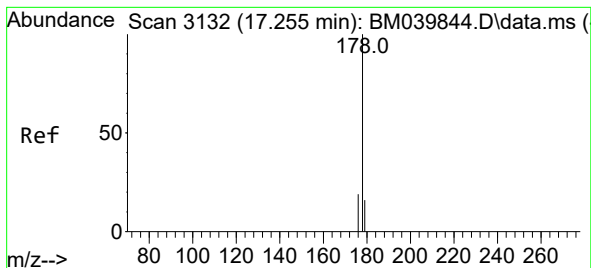
Tgt Ion:	153	Resp:	21001
Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.6	61.0
154	89.4	71.9	107.9



#12
Fluorene
Concen: 0.827 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Tgt Ion:	166	Resp:	18627
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.9	11.8	17.6





#15

Phenanthrene

Concen: 11.276 ng/ul

RT: 17.229 min Scan# 3126

Delta R.T. -0.008 min

Lab File: BM039866.D

Acq: 08 May 2023 12:48

Instrument :

BNA_M

ClientSampleId :

EW952

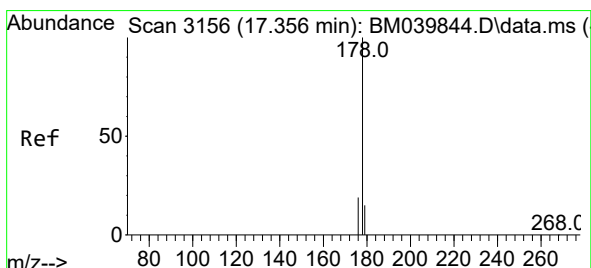
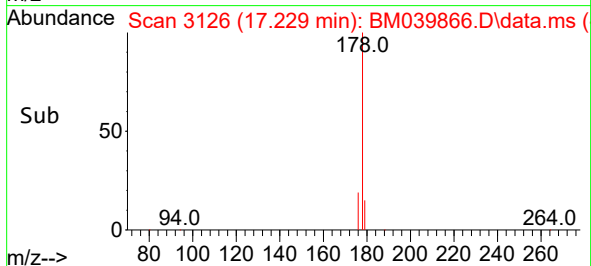
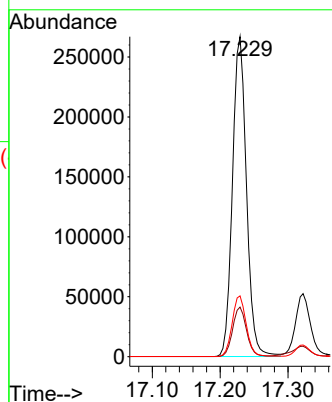
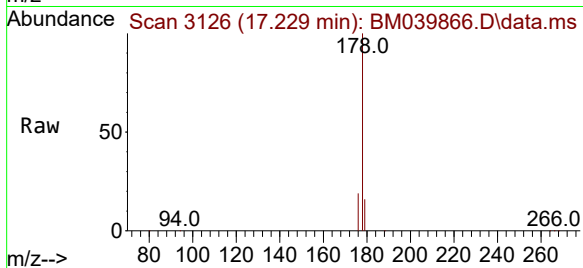
Tgt Ion:178 Resp: 382770

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

176 19.0 15.8 23.8



#16

Anthracene

Concen: 2.599 ng/ul

RT: 17.322 min Scan# 3148

Delta R.T. -0.017 min

Lab File: BM039866.D

Acq: 08 May 2023 12:48

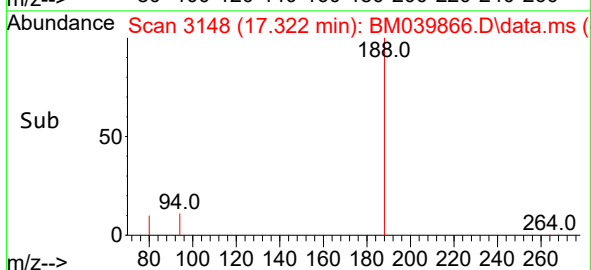
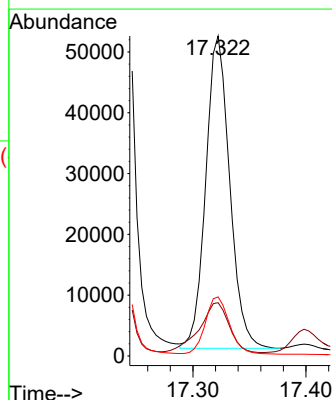
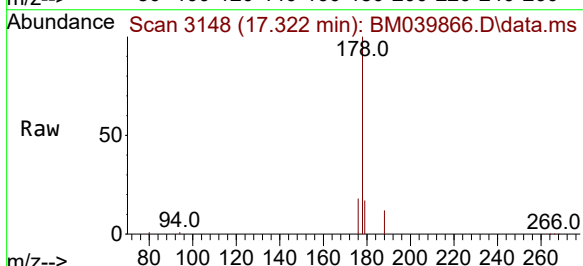
Tgt Ion:178 Resp: 75754

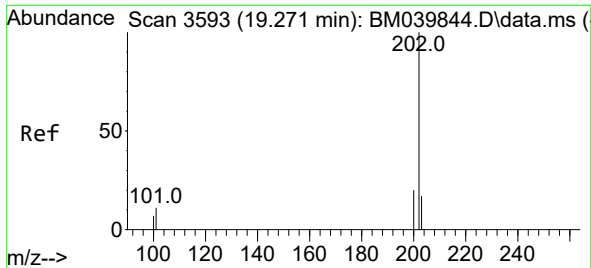
Ion Ratio Lower Upper

178 100

179 16.6 13.8 20.6

176 18.4 15.8 23.8

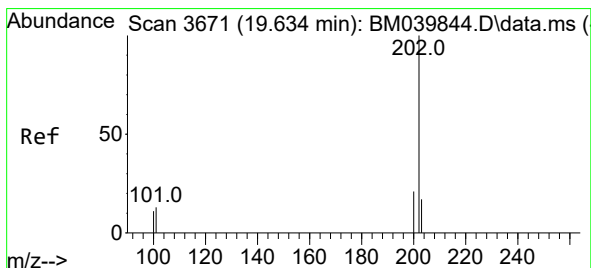
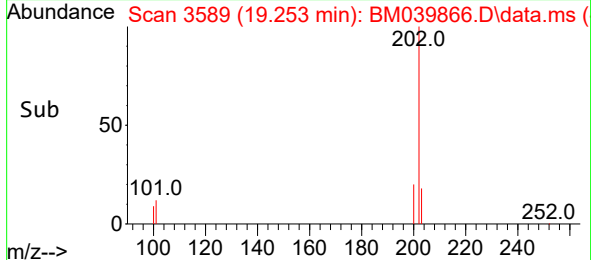
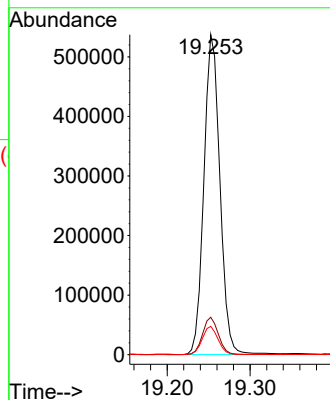
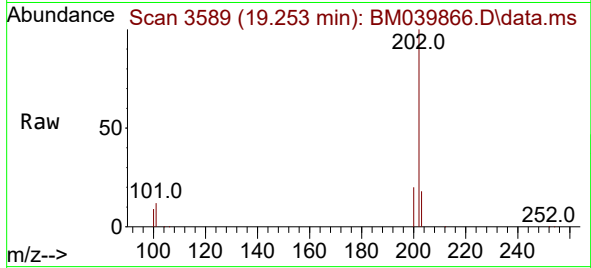




#19
Fluoranthene
Concen: 31.936 ng/ul
RT: 19.253 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

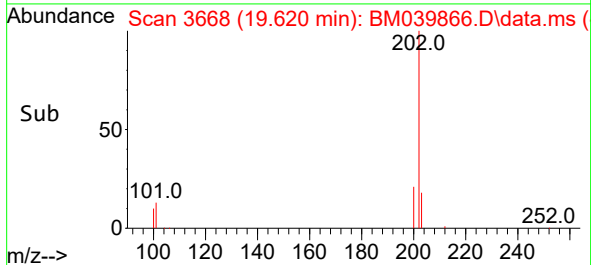
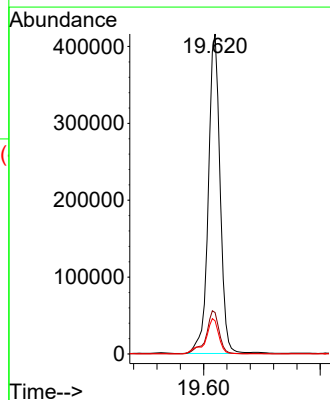
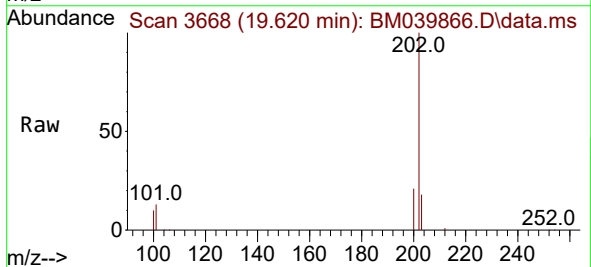
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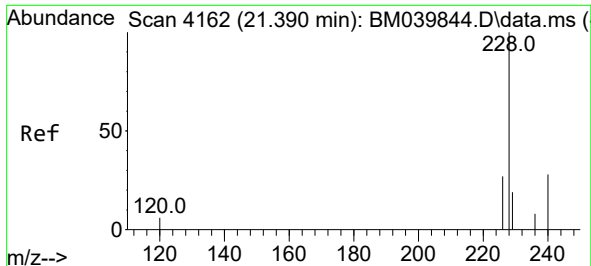
Tgt Ion:202 Resp: 723143
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.9 7.3 10.9



#20
Pyrene
Concen: 23.968 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

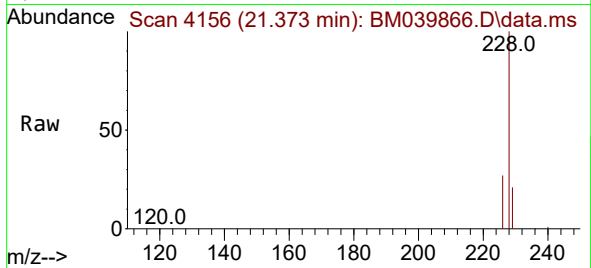
Tgt Ion:202 Resp: 586082
Ion Ratio Lower Upper
202 100
101 13.0 10.9 16.3
100 10.4 8.9 13.3



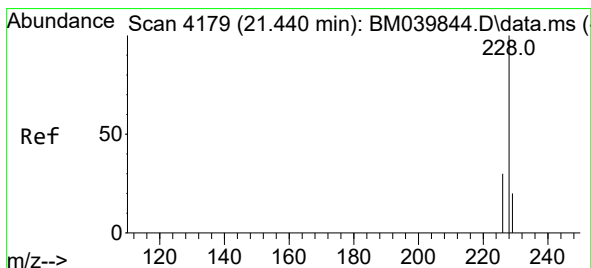
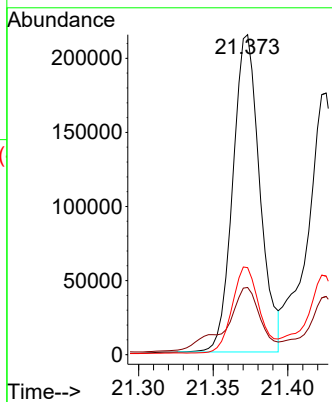
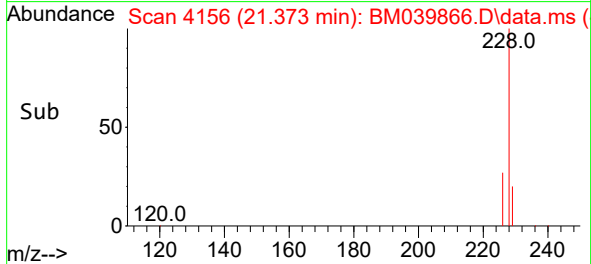


#21
Benzo(a)anthracene
Concen: 14.741 ng/ul
RT: 21.373 min Scan# 4162
Delta R.T. -0.005 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Instrument :
BNA_M
ClientSampleId :
EW952

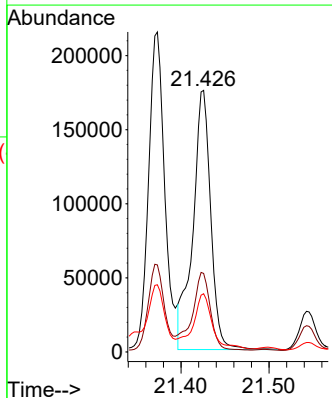
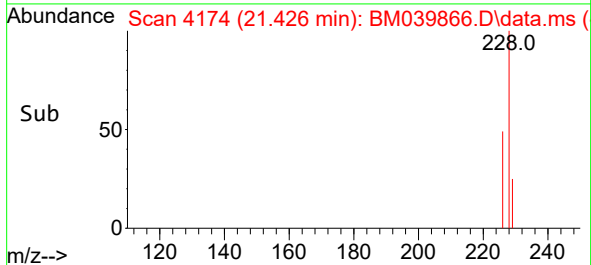
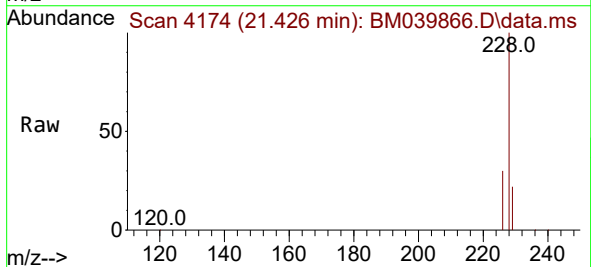


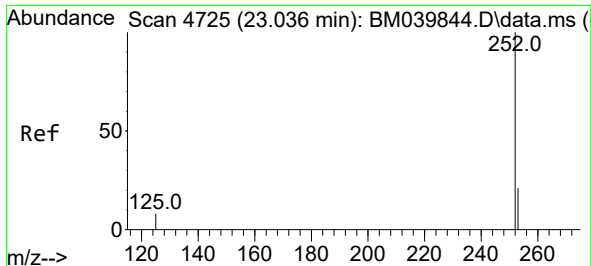
Tgt Ion:228 Resp: 269001
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 27.2 21.6 32.4



#22
Chrysene
Concen: 12.004 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

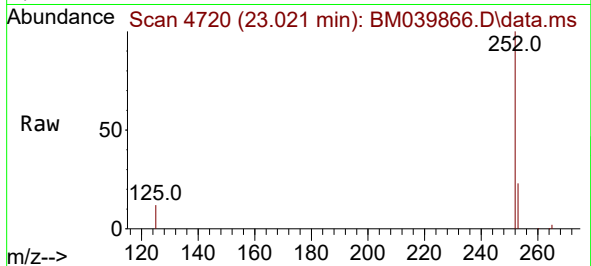
Tgt Ion:228 Resp: 247902
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 22.3 15.9 23.9



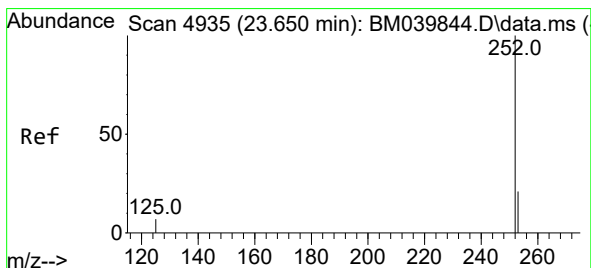
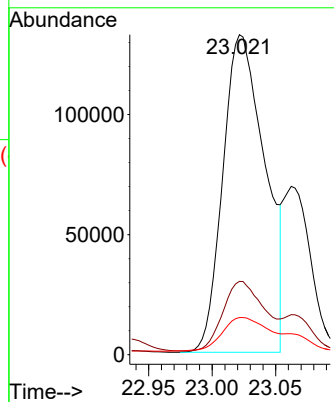


#24
Benzo(b)fluoranthene
Concen: 13.824 ng/ul
RT: 23.021 min Scan# 41
Delta R.T. -0.002 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Instrument :
BNA_M
ClientSampleId :
EW952

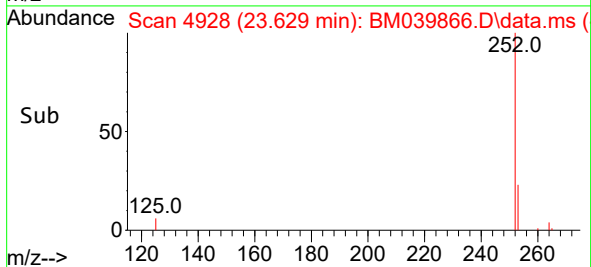
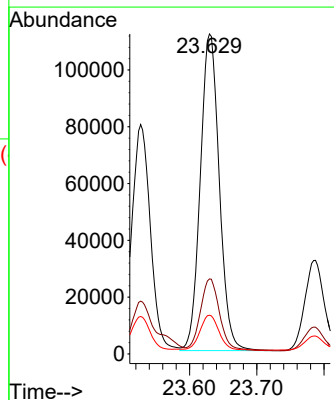
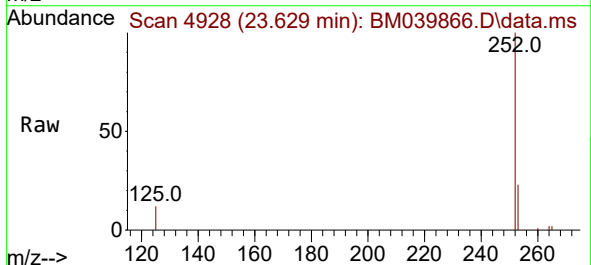


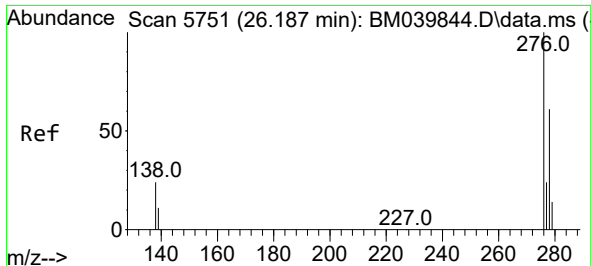
Tgt Ion:252 Resp: 305705
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.6 0.0 31.6



#26
Benzo(a)pyrene
Concen: 11.014 ng/ul
RT: 23.629 min Scan# 4928
Delta R.T. -0.007 min
Lab File: BM039866.D
Acq: 08 May 2023 12:48

Tgt Ion:252 Resp: 218685
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1#
125 12.1 16.5 24.7#

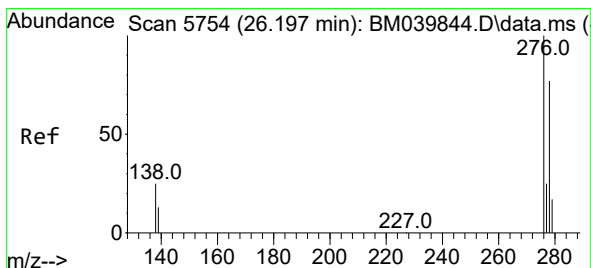
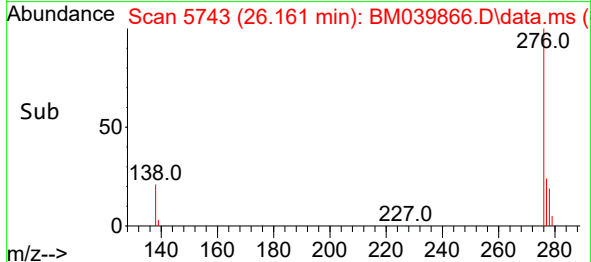
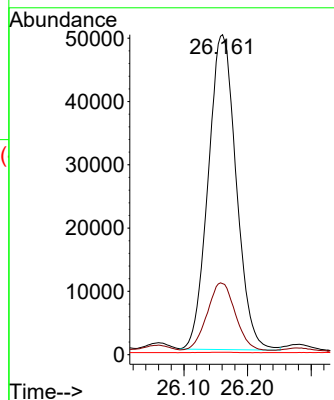
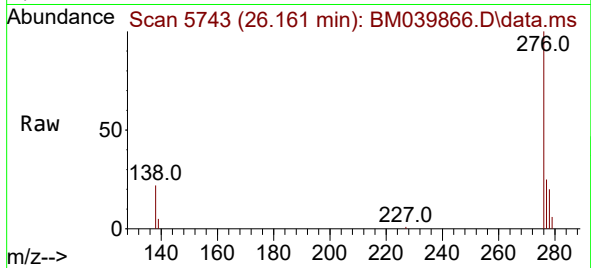




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.063 ng/ul
 RT: 26.161 min Scan# 5743
 Delta R.T. -0.012 min
 Lab File: BM039866.D
 Acq: 08 May 2023 12:48

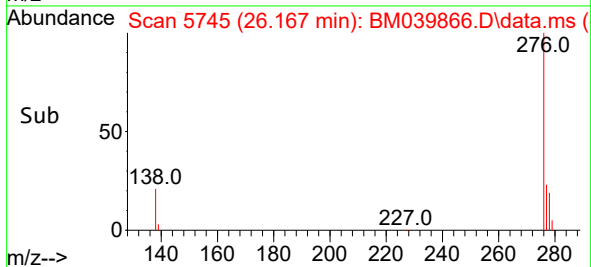
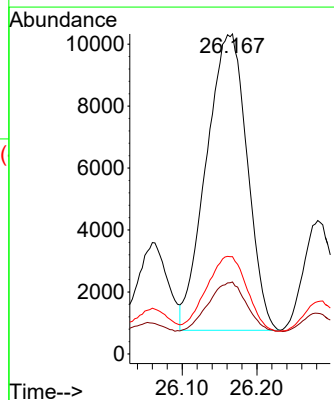
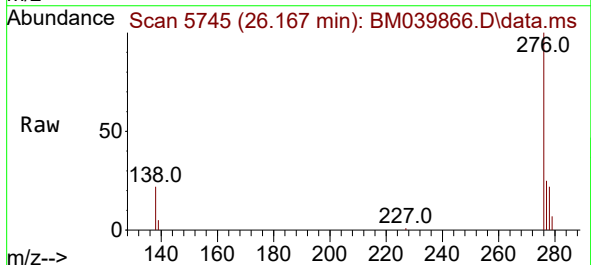
Instrument :
 BNA_M
 ClientSampleId :
 EW952

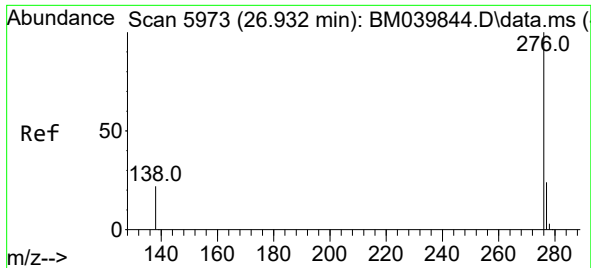
Tgt Ion:276 Resp: 152229
 Ion Ratio Lower Upper
 276 100
 138 21.6 21.1 31.7
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.866 ng/ul
 RT: 26.167 min Scan# 5745
 Delta R.T. -0.012 min
 Lab File: BM039866.D
 Acq: 08 May 2023 12:48

Tgt Ion:278 Resp: 36356
 Ion Ratio Lower Upper
 278 100
 139 22.5 17.0 25.6
 279 30.4 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 5.983 ng/ul

RT: 26.909 min Scan# 5966

Delta R.T. -0.008 min

Lab File: BM039866.D

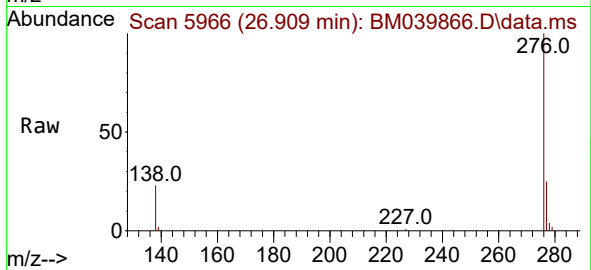
Acq: 08 May 2023 12:48

Instrument :

BNA_M

ClientSampleId :

EW952



Tgt Ion:276 Resp: 130890

Ion Ratio Lower Upper

276 100

138 23.1 20.1 30.1

277 24.7 20.1 30.1

