

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039774.D
 Acq On : 01 May 2023 13:07
 Operator : CG/JU
 Sample : 02374-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9D5

Quant Time: May 02 01:25:16 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 : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

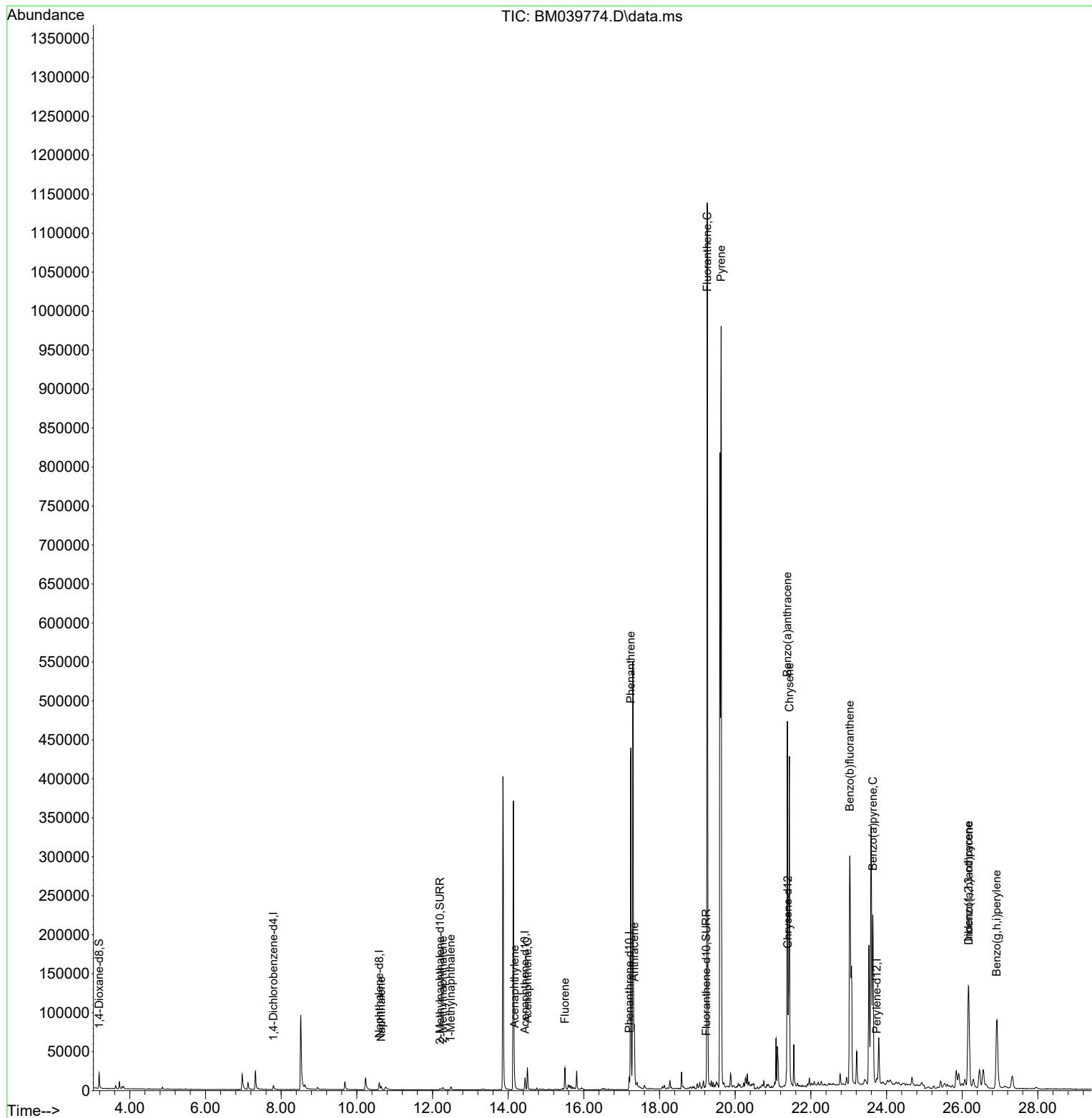
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	3816	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.594	136	14511	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.445	164	8250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	18383	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	10716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	9548	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12399	2.205	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3196	0.172	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	8953	0.310	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.643	128	7014	0.192	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3274	0.156	ng/ul	98
8) 1-Methylnaphthalene	12.485	142	3374	0.150	ng/ul	100
10) Acenaphthylene	14.167	152	11808	0.370	ng/ul	97
11) Acenaphthene	14.510	153	16978	0.677	ng/ul	99
12) Fluorene	15.500	166	18994	0.683	ng/ul	98
15) Phenanthrene	17.241	178	461192	9.523	ng/ul	98
16) Anthracene	17.334	178	76874	1.849	ng/ul	98
19) Fluoranthene	19.265	202	982581	25.702	ng/ul	97
20) Pyrene	19.628	202	823644	19.950	ng/ul	99
21) Benzo(a)anthracene	21.379	228	397262	12.894	ng/ul	99
22) Chrysene	21.432	228	427056	12.248	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	532807	15.890	ng/ul	92
26) Benzo(a)pyrene	23.639	252	311636	10.351	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.164	276	226844	5.959	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.171	278	54403	1.841	ng/ul	97
29) Benzo(g,h,i)perylene	26.912	276	195814	5.903	ng/ul	96

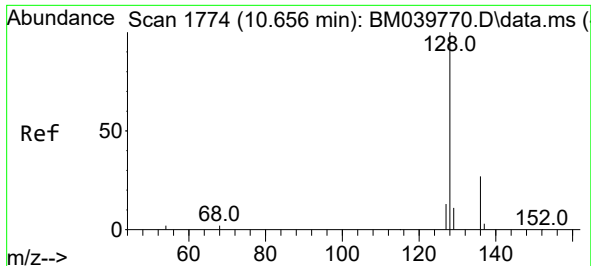
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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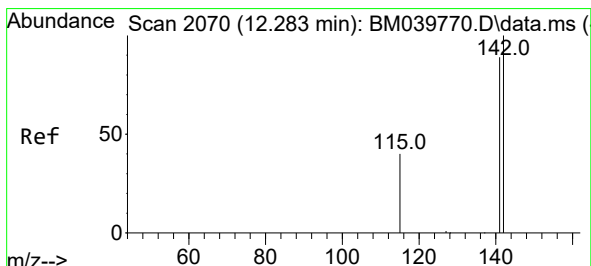
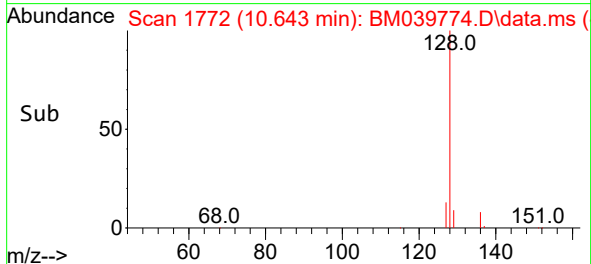
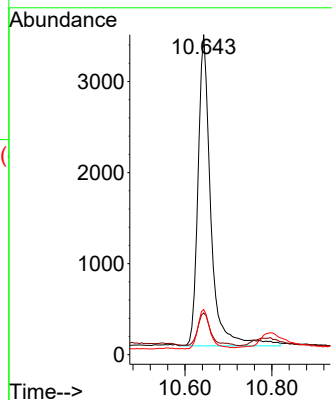
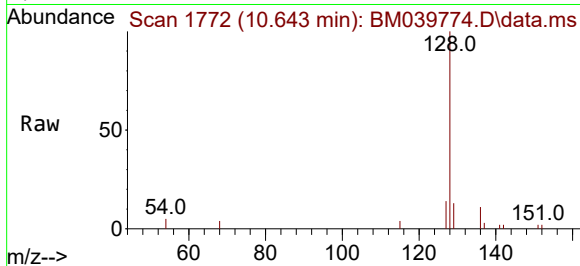




#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.643 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

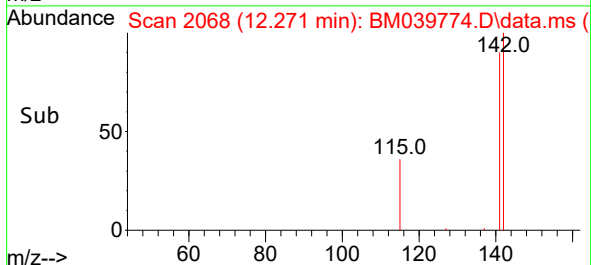
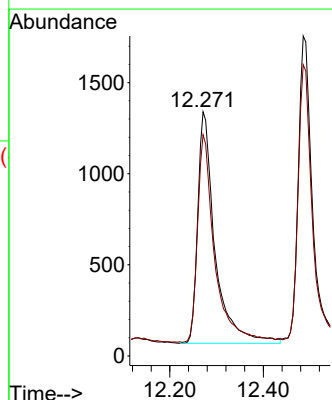
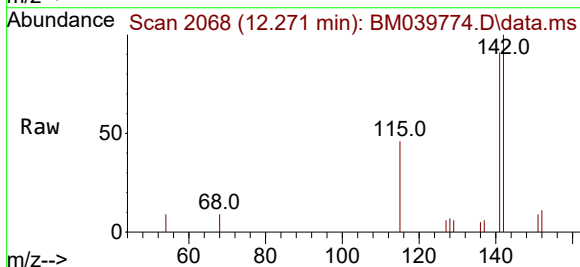
Instrument :
BNA_M
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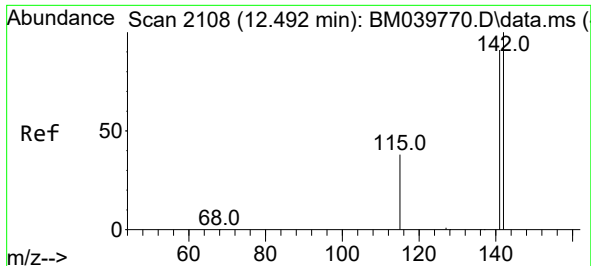
Tgt Ion:128 Resp: 7014
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.6
127 14.1 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.007 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:142 Resp: 3274
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8

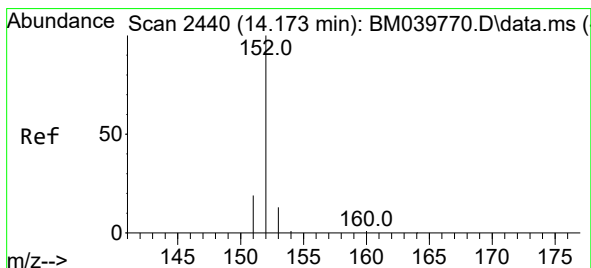
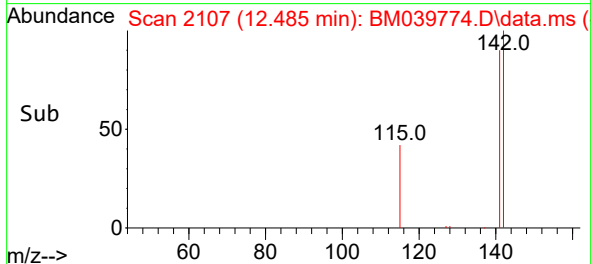
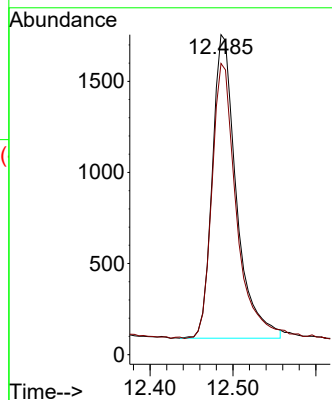
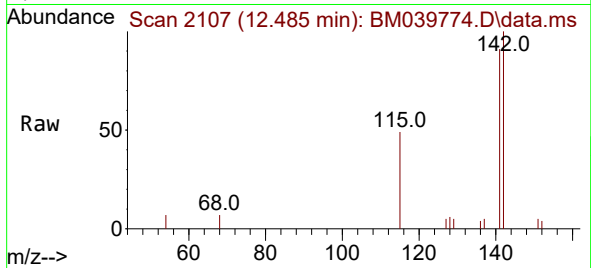




#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.485 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

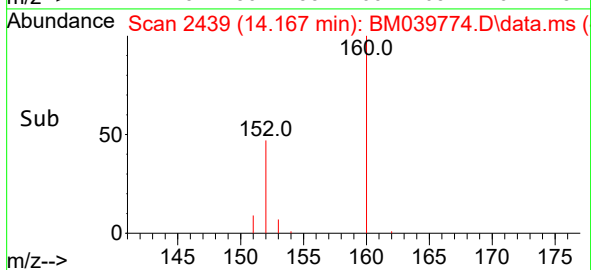
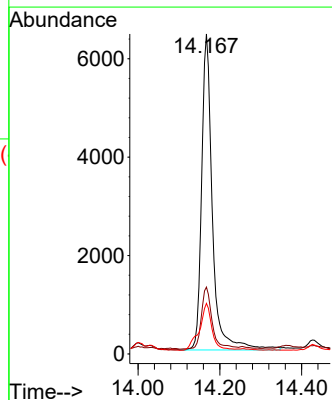
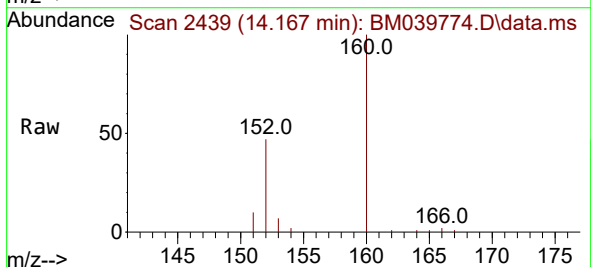
Instrument :
BNA_M
ClientSampleId :
CB9D5

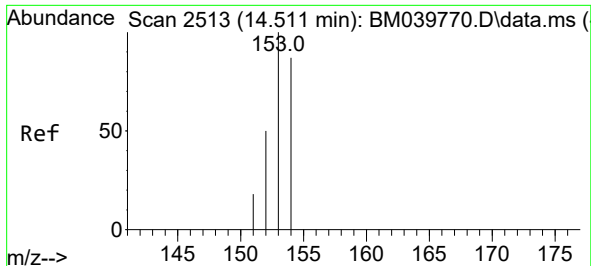
Tgt Ion:142 Resp: 3374
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2



#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:152 Resp: 11808
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 15.8 11.2 16.8

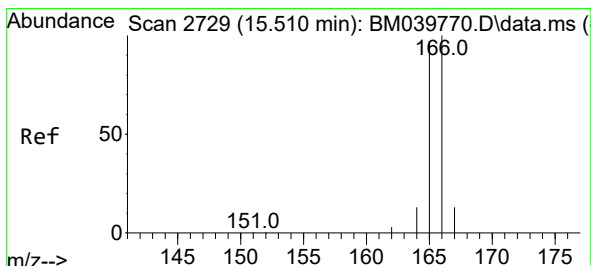
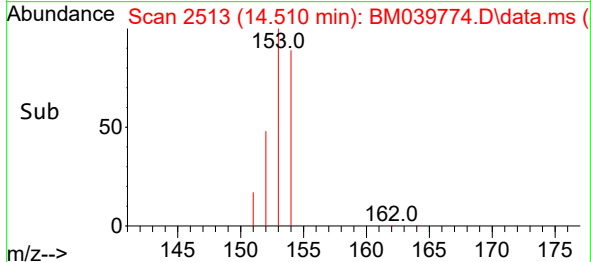
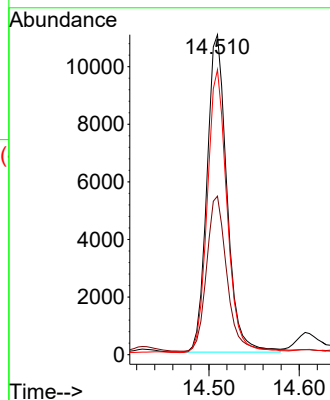
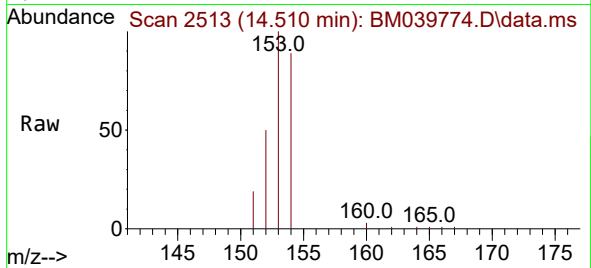




#11
Acenaphthene
Concen: 0.677 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

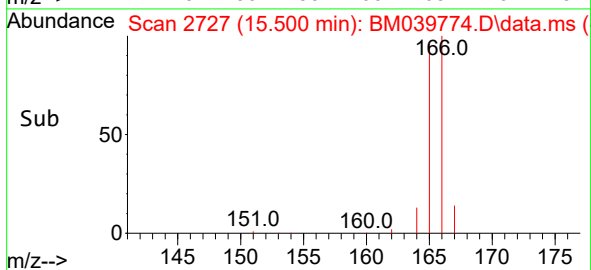
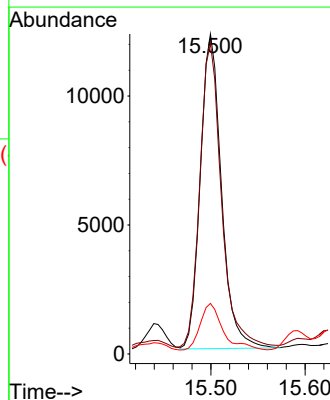
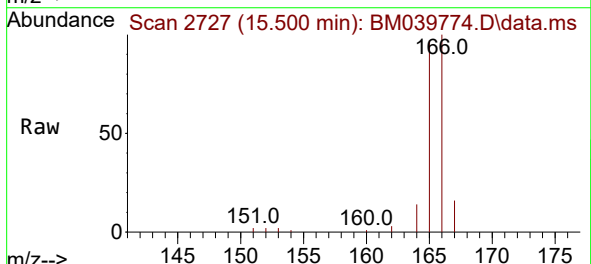
Instrument :
BNA_M
ClientSampleId :
CB9D5

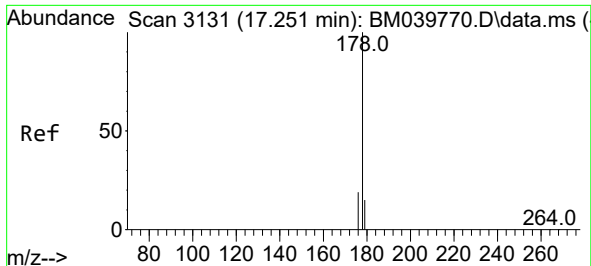
Tgt Ion:153 Resp: 16978
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 89.1 71.9 107.9



#12
Fluorene
Concen: 0.683 ng/ul
RT: 15.500 min Scan# 2727
Delta R.T. -0.010 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:166 Resp: 18994
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 15.8 11.8 17.6

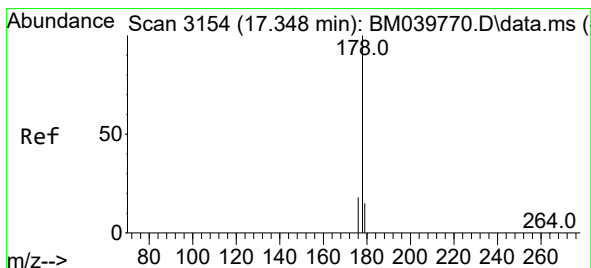
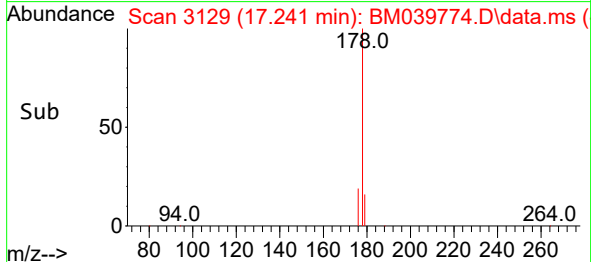
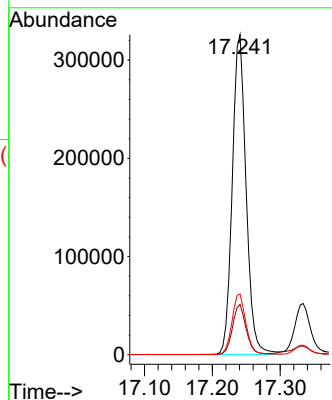
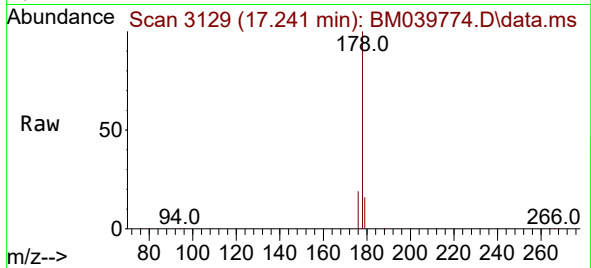




#15
Phenanthrene
Concen: 9.523 ng/ul
RT: 17.241 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

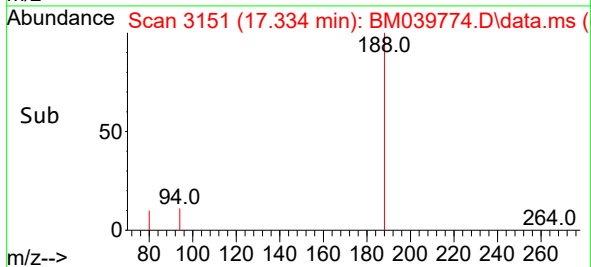
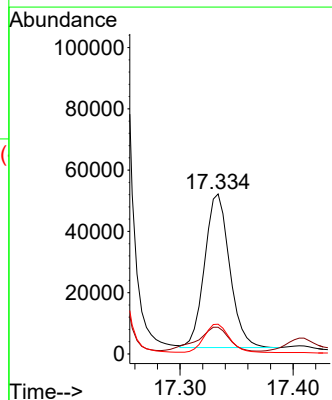
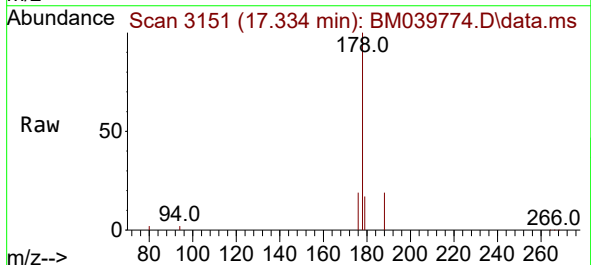
Instrument :
BNA_M
ClientSampleId :
CB9D5

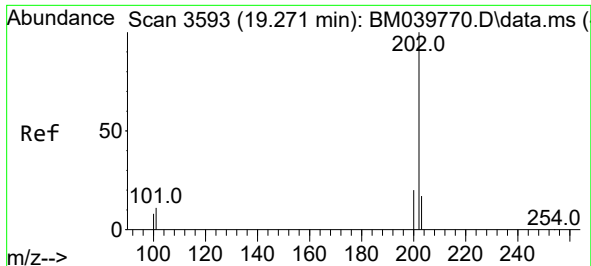
Tgt Ion:178 Resp: 461192
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.9 15.8 23.8



#16
Anthracene
Concen: 1.849 ng/ul
RT: 17.334 min Scan# 3151
Delta R.T. -0.010 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:178 Resp: 76874
Ion Ratio Lower Upper
178 100
179 16.7 13.8 20.6
176 18.6 15.8 23.8

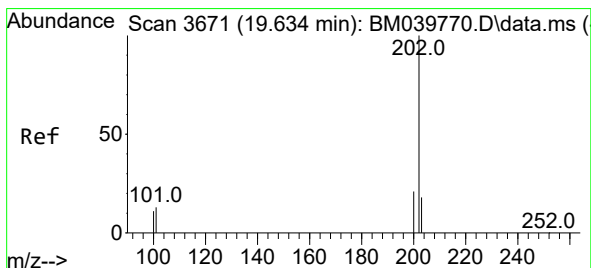
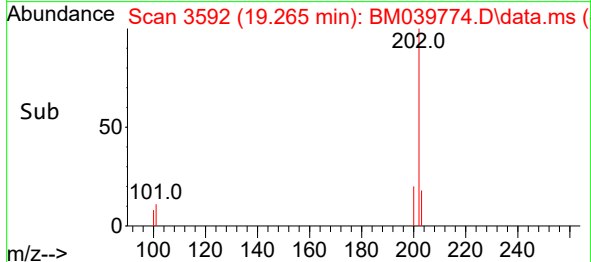
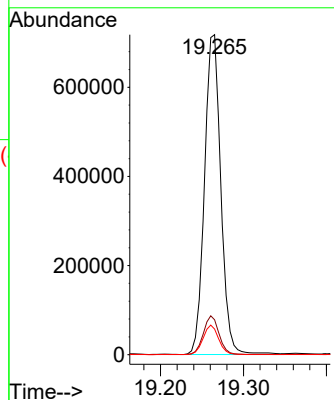
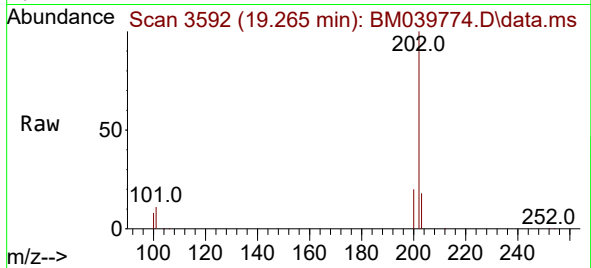




#19
Fluoranthene
Concen: 25.702 ng/ul
RT: 19.265 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

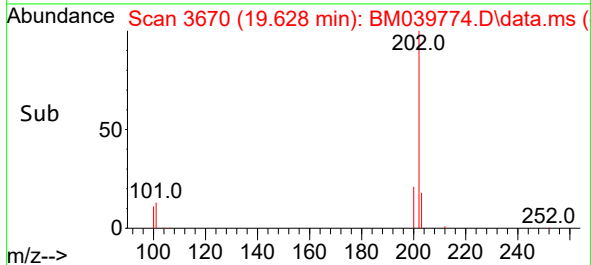
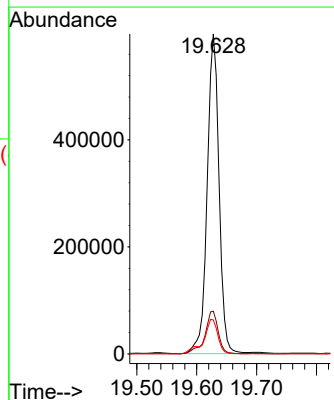
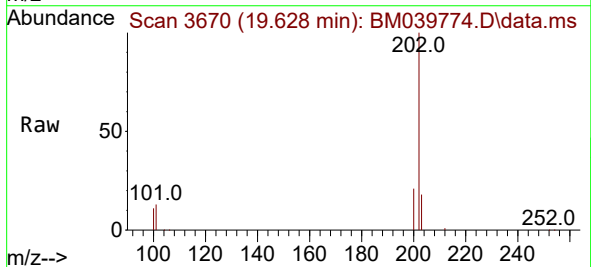
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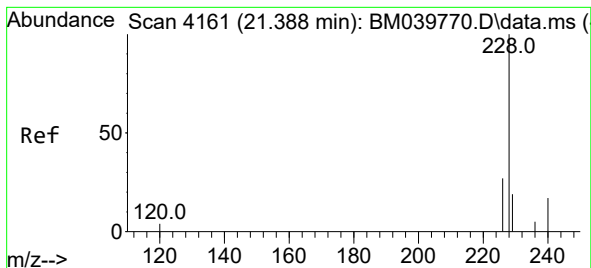
Tgt Ion:202 Resp: 982581
Ion Ratio Lower Upper
202 100
101 10.9 9.8 14.8
100 8.0 7.3 10.9



#20
Pyrene
Concen: 19.950 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:202 Resp: 823644
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.6 8.9 13.3





#21

Benzo(a)anthracene

Concen: 12.894 ng/ul

RT: 21.379 min Scan# 41

Delta R.T. -0.004 min

Lab File: BM039774.D

Acq: 01 May 2023 13:07

Instrument :

BNA_M

ClientSampleId :

CB9D5

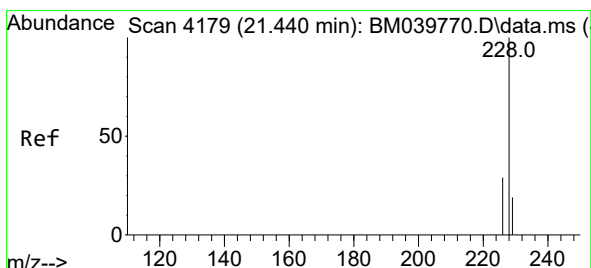
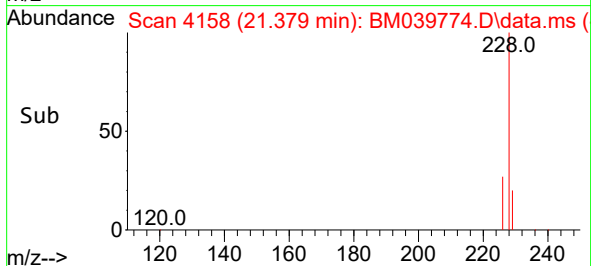
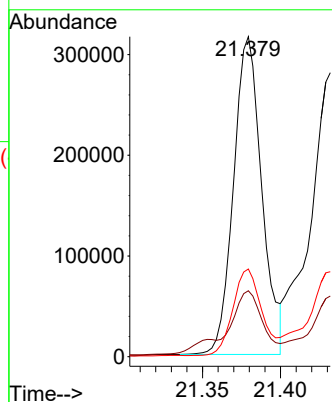
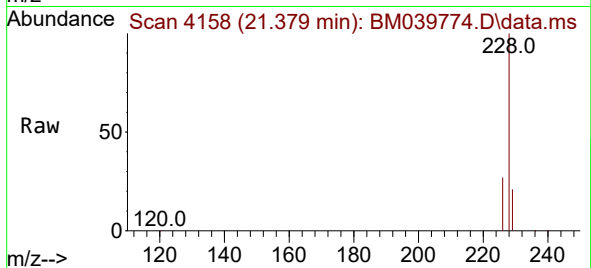
Tgt Ion:228 Resp: 397262

Ion Ratio Lower Upper

228 100

229 20.6 16.2 24.2

226 27.4 21.6 32.4



#22

Chrysene

Concen: 12.248 ng/ul

RT: 21.432 min Scan# 4176

Delta R.T. -0.004 min

Lab File: BM039774.D

Acq: 01 May 2023 13:07

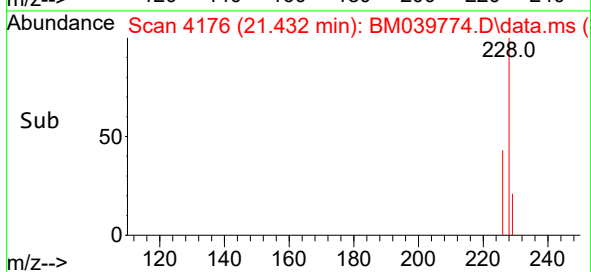
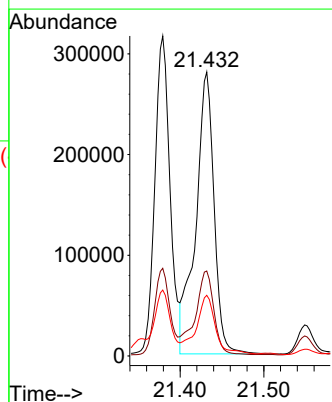
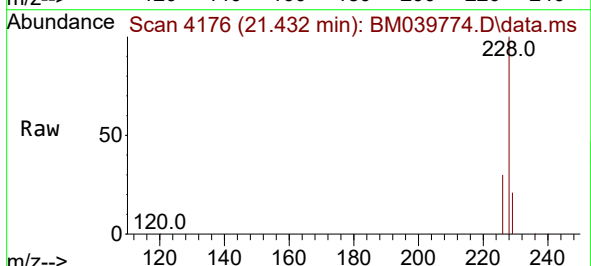
Tgt Ion:228 Resp: 427056

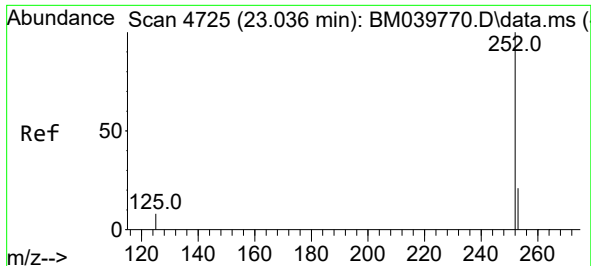
Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 21.4 15.9 23.9

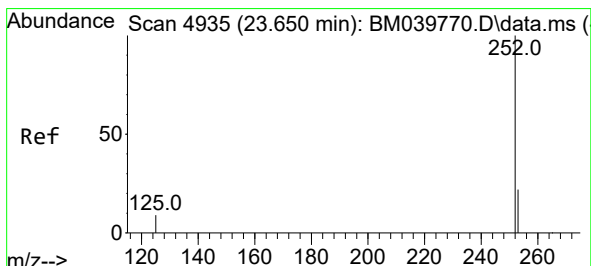
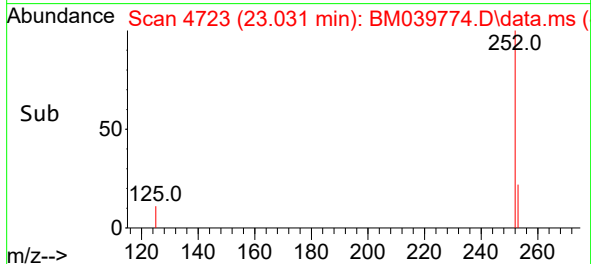
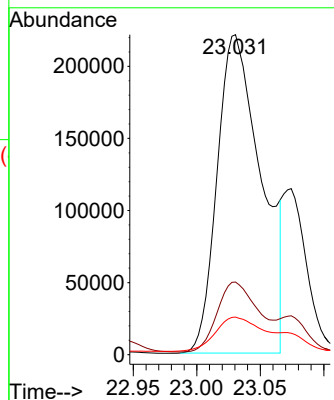
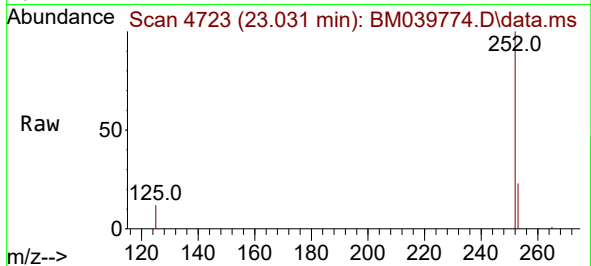




#24
Benzo(b)fluoranthene
Concen: 15.890 ng/ul
RT: 23.031 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

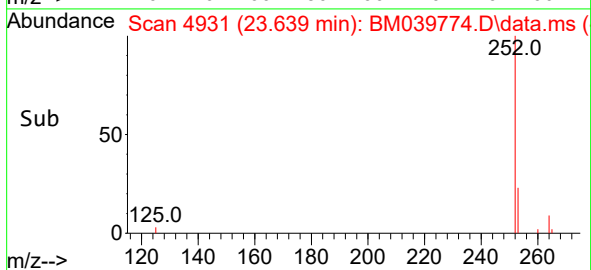
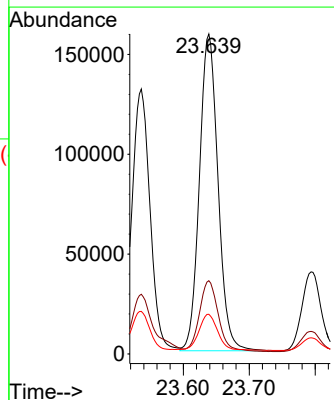
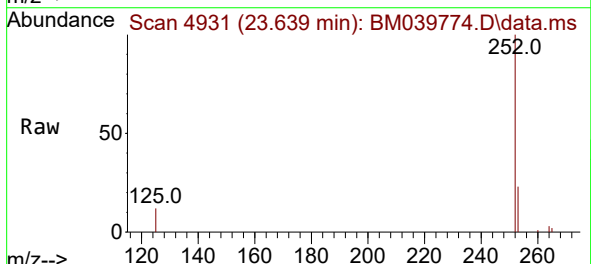
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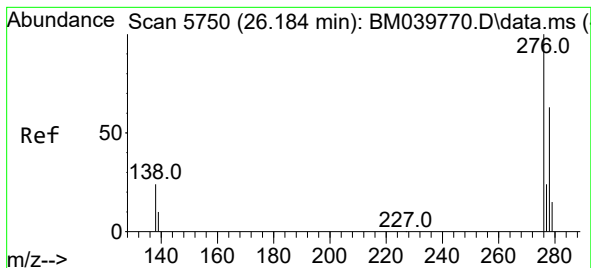
Tgt Ion:252 Resp: 532807
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.8
125 11.7 0.0 31.6



#26
Benzo(a)pyrene
Concen: 10.351 ng/ul
RT: 23.639 min Scan# 4931
Delta R.T. -0.004 min
Lab File: BM039774.D
Acq: 01 May 2023 13:07

Tgt Ion:252 Resp: 311636
Ion Ratio Lower Upper
252 100
253 22.9 24.7 37.1#
125 12.4 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 5.959 ng/ul

RT: 26.164 min Scan# 5

Delta R.T. -0.015 min

Lab File: BM039774.D

Acq: 01 May 2023 13:07

Instrument :

BNA_M

ClientSampleId :

CB9D5

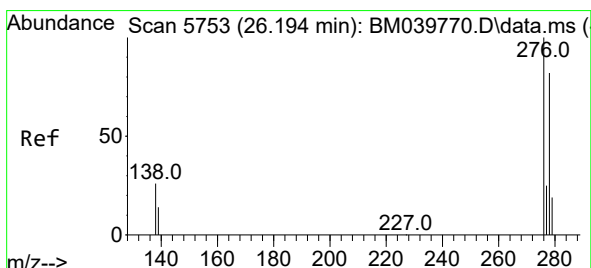
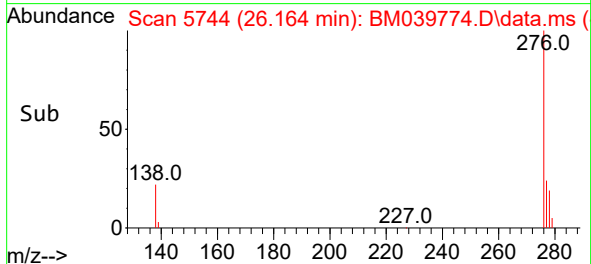
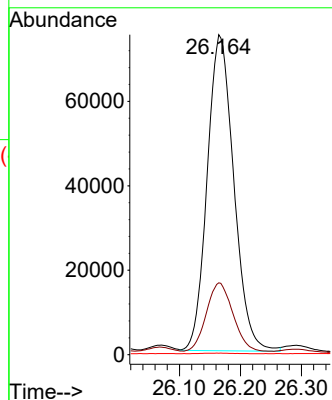
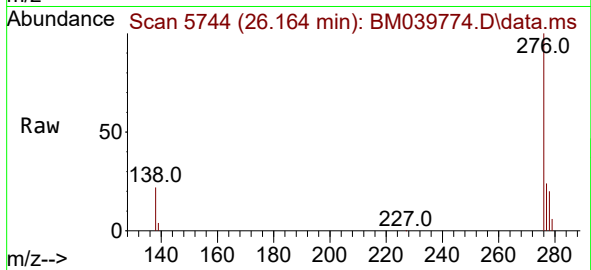
Tgt Ion:276 Resp: 226844

Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.841 ng/ul

RT: 26.171 min Scan# 5746

Delta R.T. -0.018 min

Lab File: BM039774.D

Acq: 01 May 2023 13:07

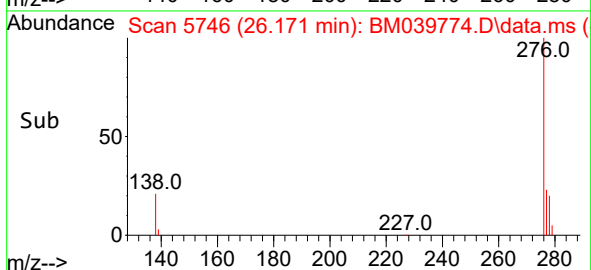
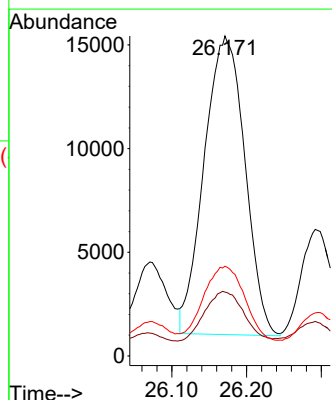
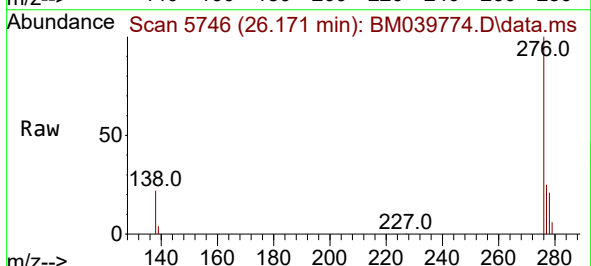
Tgt Ion:278 Resp: 54403

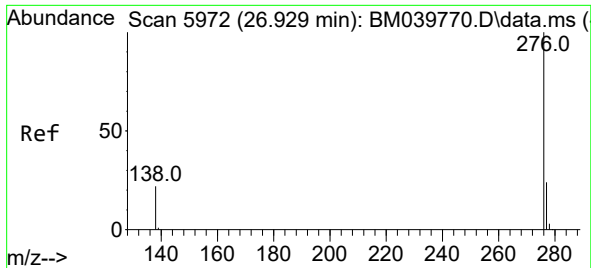
Ion Ratio Lower Upper

278 100

139 20.0 17.0 25.6

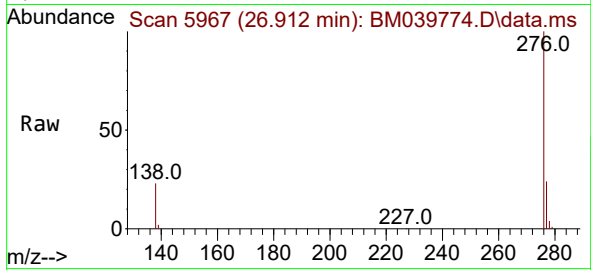
279 28.1 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 5.903 ng/ul
 RT: 26.912 min Scan# 5967
 Delta R.T. -0.008 min
 Lab File: BM039774.D
 Acq: 01 May 2023 13:07

Instrument :
 BNA_M
 ClientSampleId :
 CB9D5



Tgt Ion:	276	Resp:	195814
Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.1	30.1
277	23.9	20.1	30.1

