

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040451.D
 Acq On : 29 Jun 2023 23:35
 Operator : MA/JU
 Sample : 03161-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW5

Quant Time: Jun 30 03:08:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

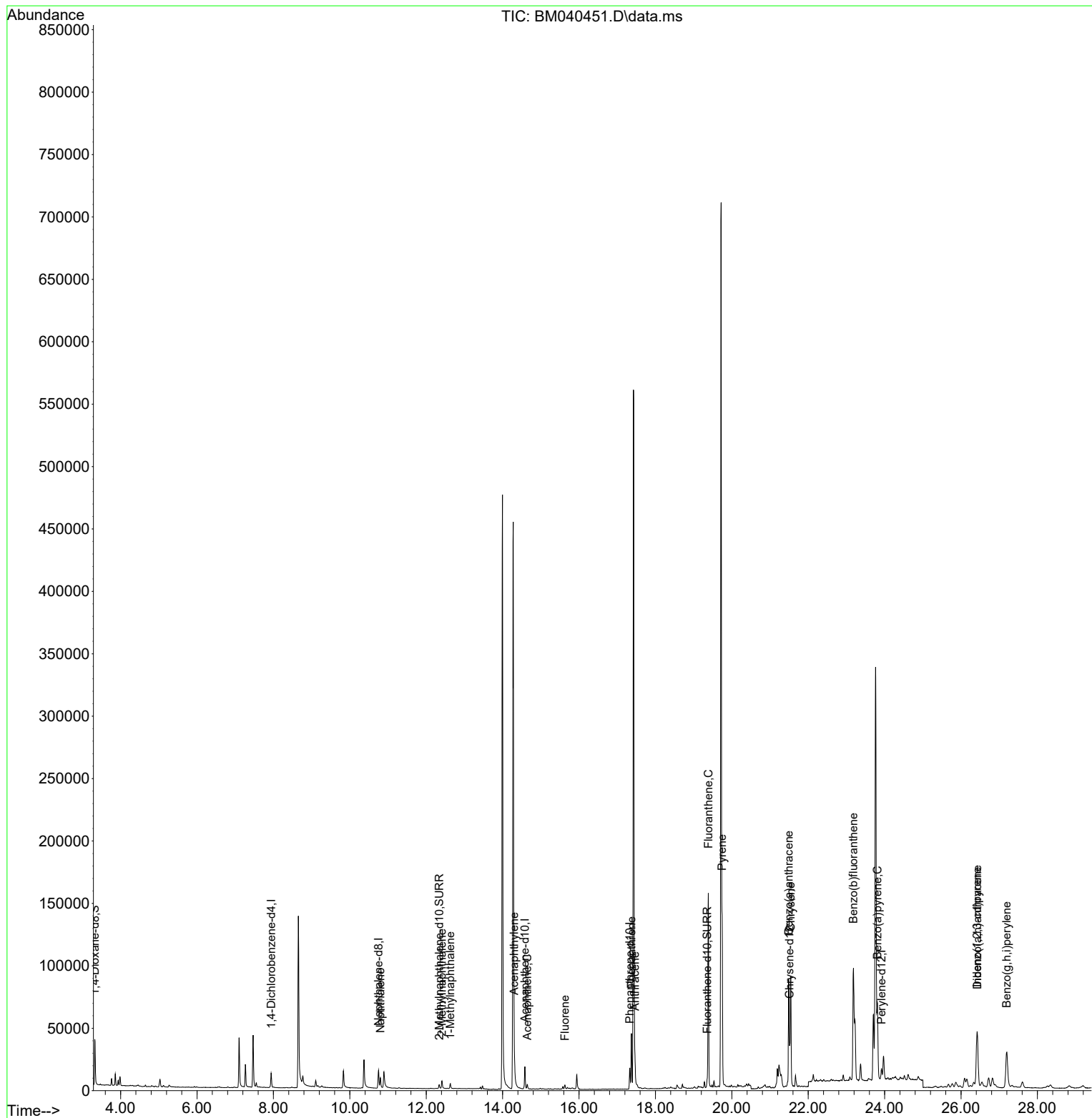
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	6196	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	21976	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	10358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	20670	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	12384	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	11739	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	21918	2.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4969	0.161	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	7753	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	12270	0.202	ng/ul#	96
7) 2-Methylnaphthalene	12.411	142	5293	0.149	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	3118	0.088	ng/ul	97
10) Acenaphthylene	14.304	152	13559	0.293	ng/ul	98
11) Acenaphthene	14.646	153	2338	0.060	ng/ul	96
12) Fluorene	15.632	166	2293	0.055	ng/ul#	95
15) Phenanthrene	17.370	178	49944	0.778	ng/ul	99
16) Anthracene	17.463	178	14633	0.271	ng/ul	98
19) Fluoranthene	19.384	202	132264	2.514	ng/ul	96
20) Pyrene	19.747	202	107044	1.898	ng/ul	98
21) Benzo(a)anthracene	21.488	228	74632	1.782	ng/ul	98
22) Chrysene	21.541	228	100459	2.102	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	157779	3.473	ng/ul	91
26) Benzo(a)pyrene	23.812	252	88029	2.151	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.420	276	80890	1.419	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.427	278	20334	0.456	ng/ul#	92
29) Benzo(g,h,i)perylene	27.195	276	69866	1.399	ng/ul	97

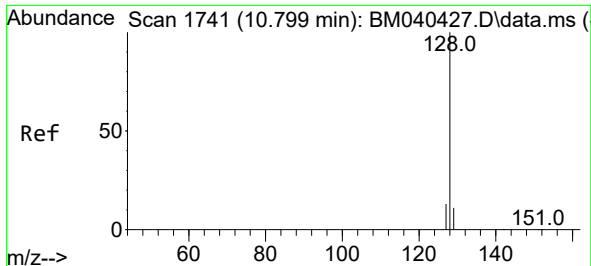
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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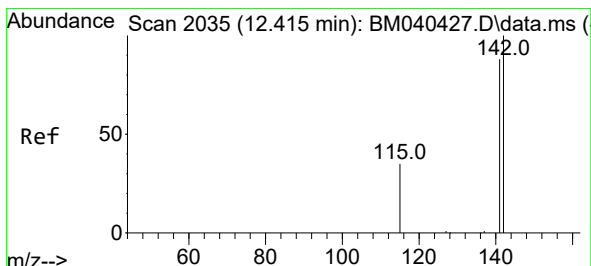
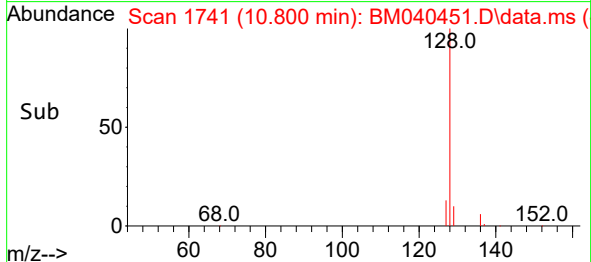
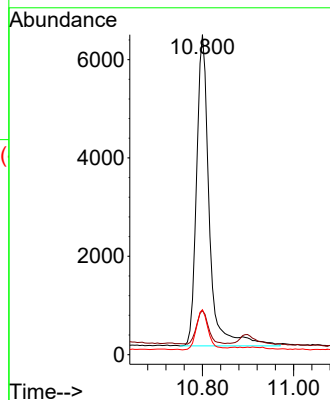
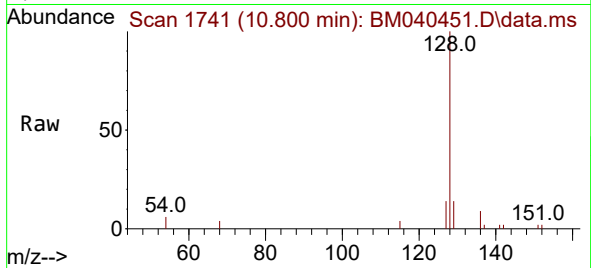




#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

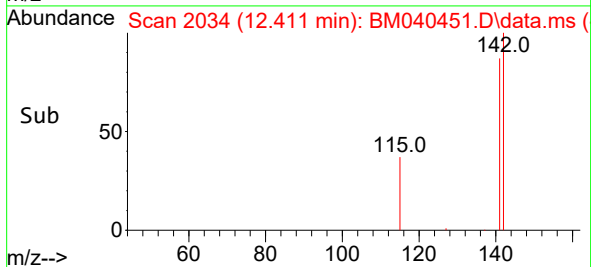
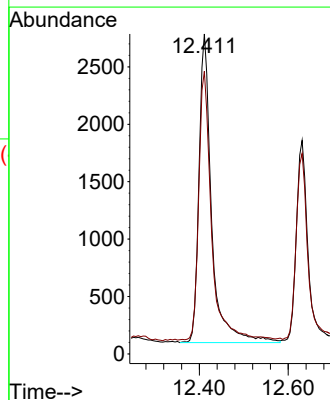
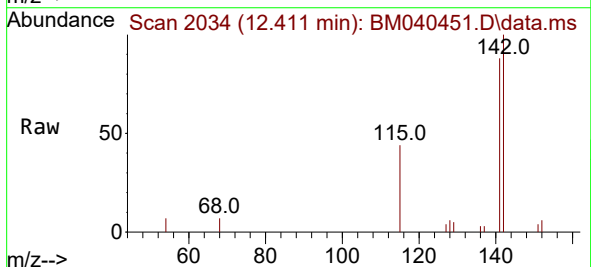
Instrument :
BNA_M
ClientSampleId :
DCFV5

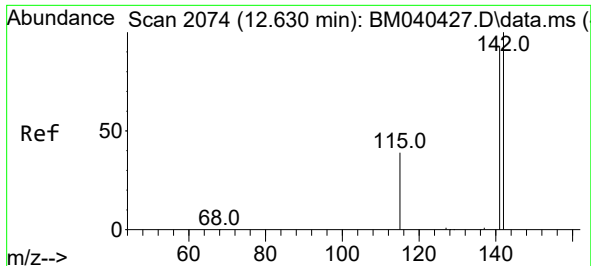
Tgt Ion:128 Resp: 12270
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8#
127 14.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:142 Resp: 5293
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9

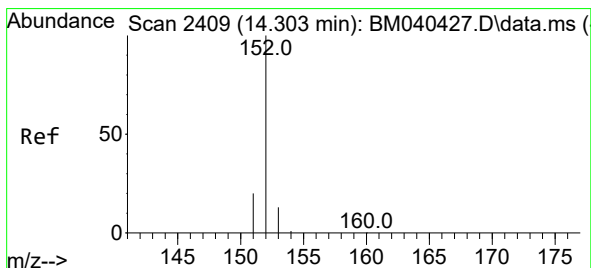
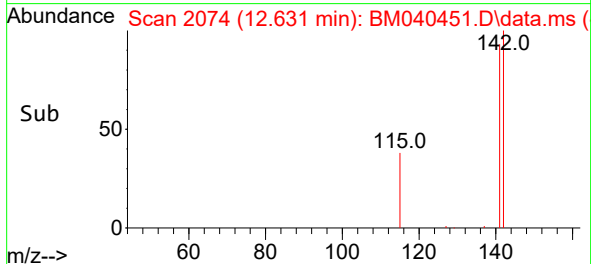
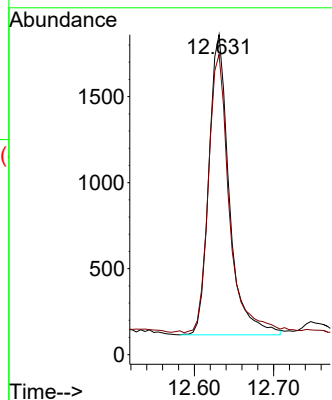
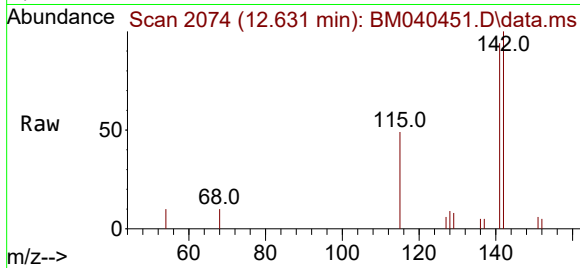




#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

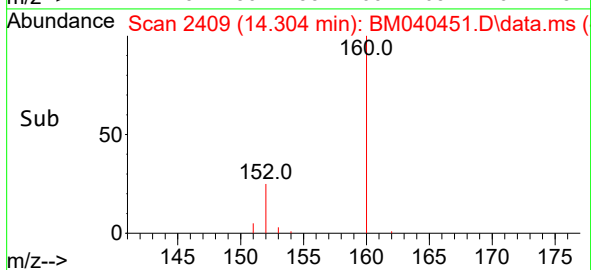
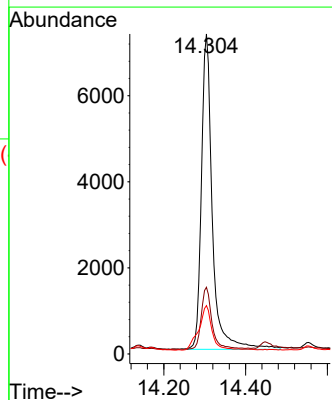
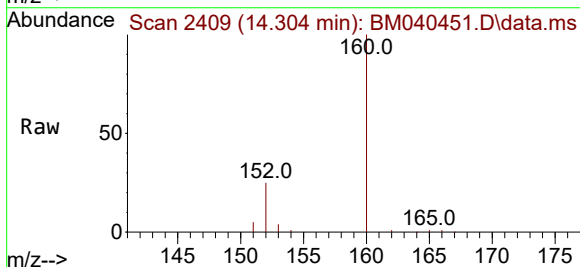
Instrument :
BNA_M
ClientSampleId :
DCF5

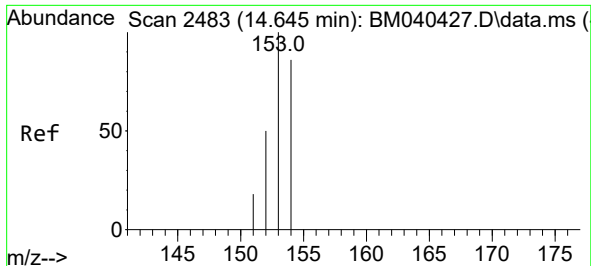
Tgt Ion:142 Resp: 3118
Ion Ratio Lower Upper
142 100
141 94.5 73.7 110.5



#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:152 Resp: 13559
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.1 10.9 16.3

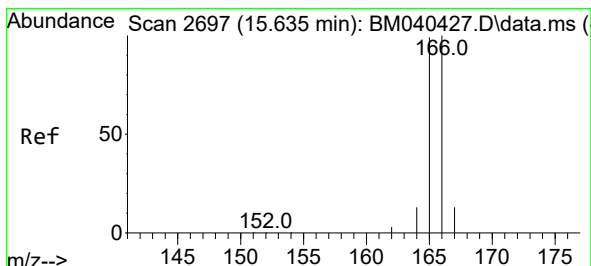
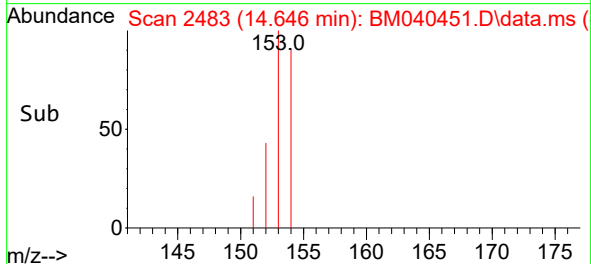
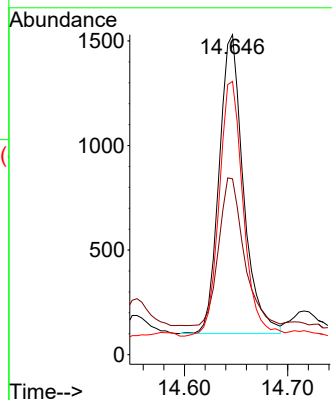
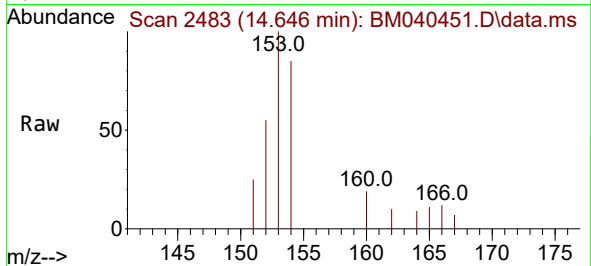




#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

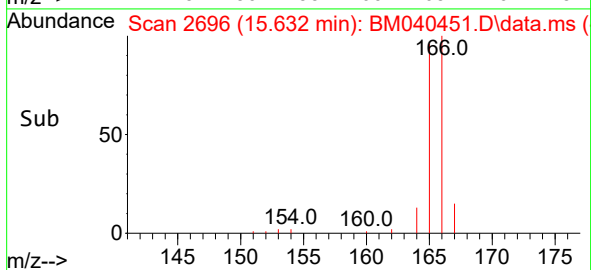
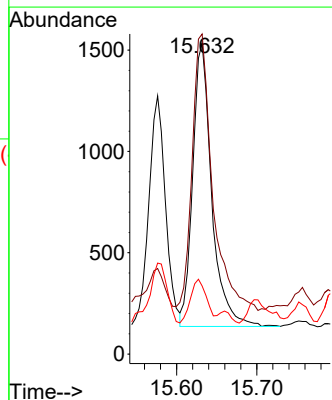
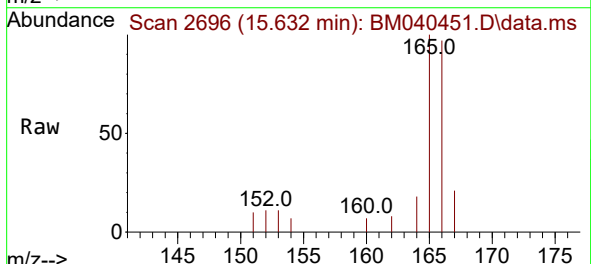
Instrument :
BNA_M
ClientSampleId :
DCFW5

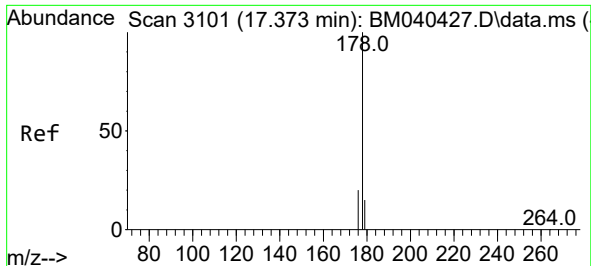
Tgt Ion:153 Resp: 2338
Ion Ratio Lower Upper
153 100
152 55.0 41.0 61.4
154 85.4 70.8 106.2



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:166 Resp: 2293
Ion Ratio Lower Upper
166 100
165 102.9 79.6 119.4
167 21.9 11.4 17.0#

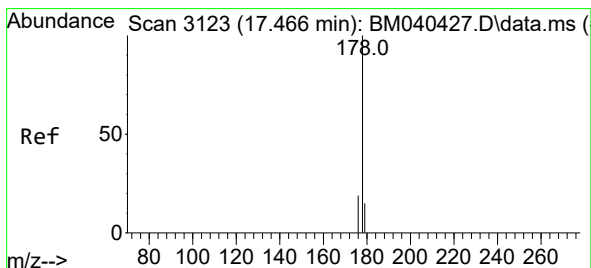
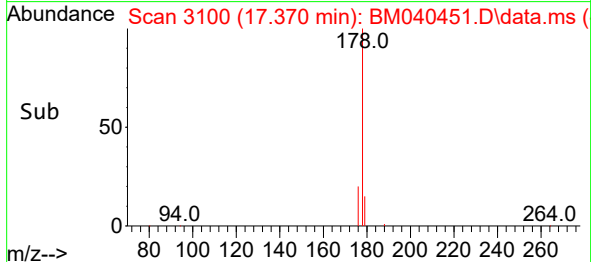
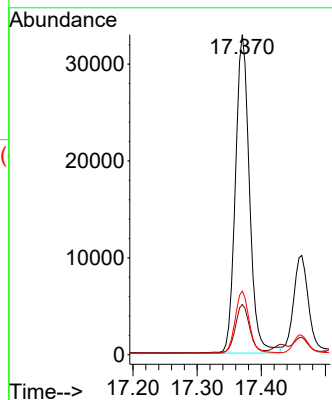
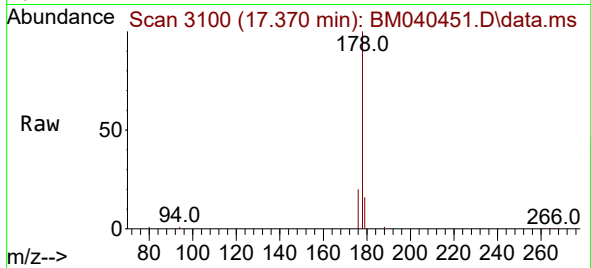




#15
Phenanthrene
Concen: 0.778 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

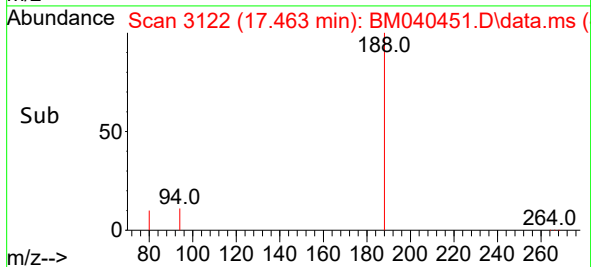
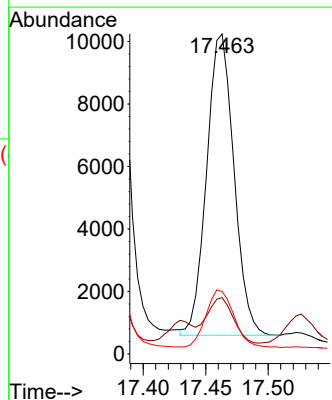
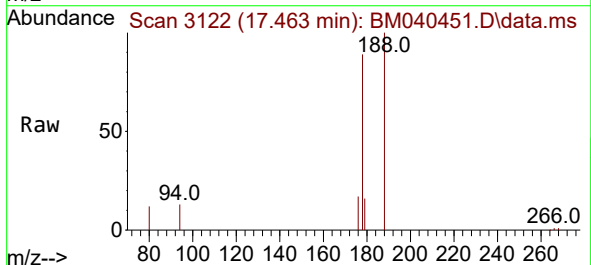
Instrument :
BNA_M
ClientSampleId :
DCFV5

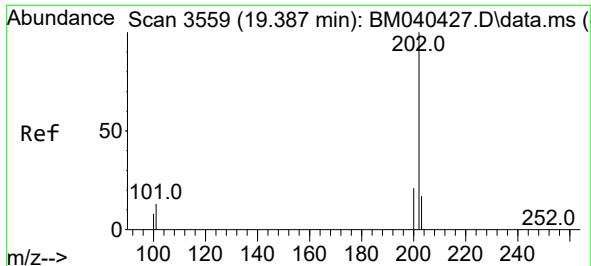
Tgt Ion:178 Resp: 49944
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.8 16.4 24.6



#16
Anthracene
Concen: 0.271 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:178 Resp: 14633
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 19.6 15.8 23.6

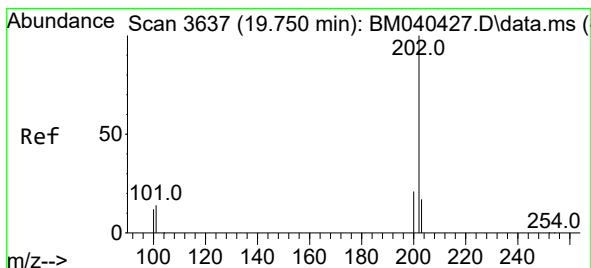
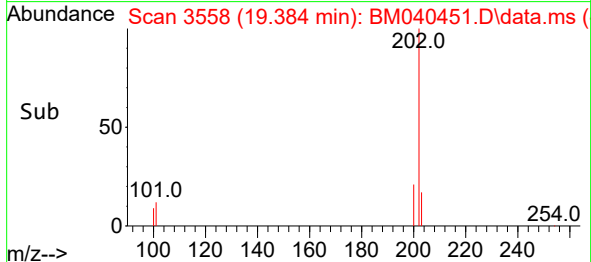
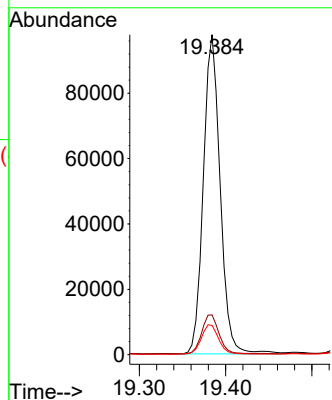
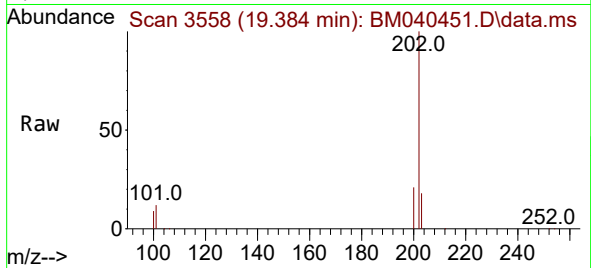




#19
Fluoranthene
Concen: 2.514 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

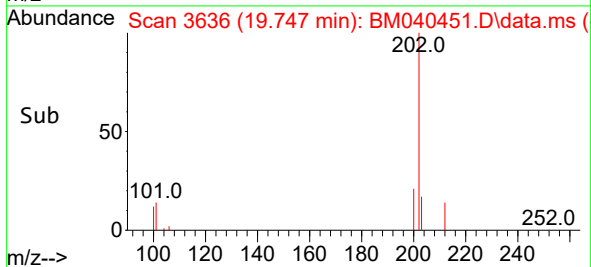
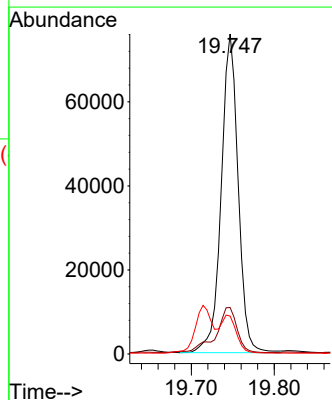
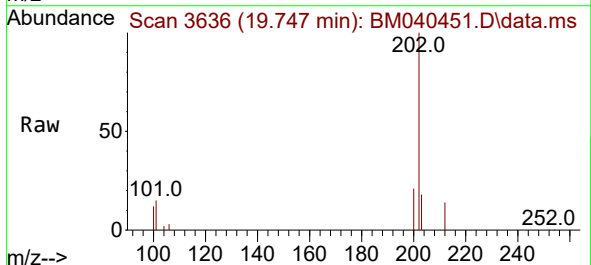
Instrument :
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ClientSampleId :
DCFW5

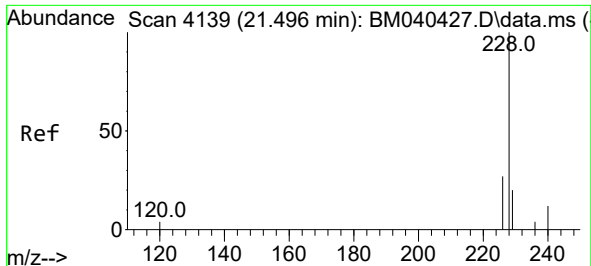
Tgt Ion:202 Resp: 132264
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.1 8.7 13.1



#20
Pyrene
Concen: 1.898 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:202 Resp: 107044
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.9 9.8 14.6

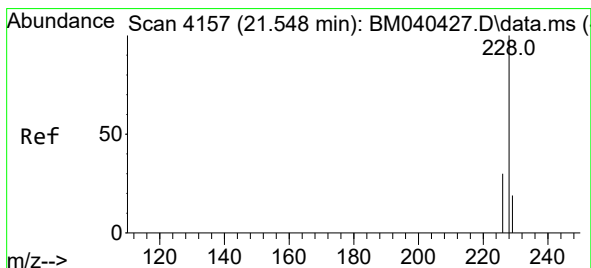
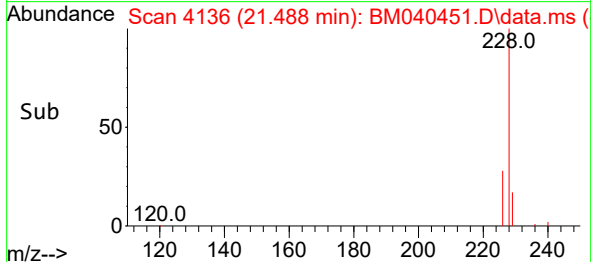
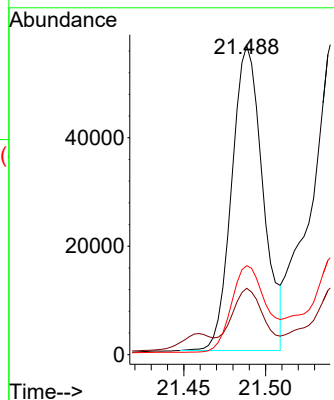
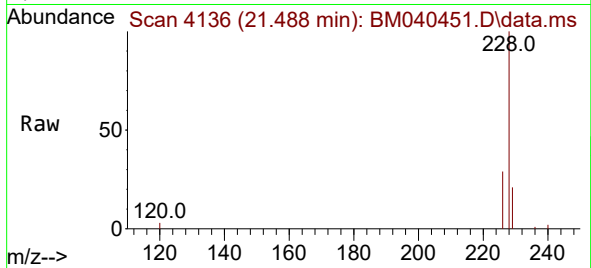




#21
Benzo(a)anthracene
Concen: 1.782 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.012 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

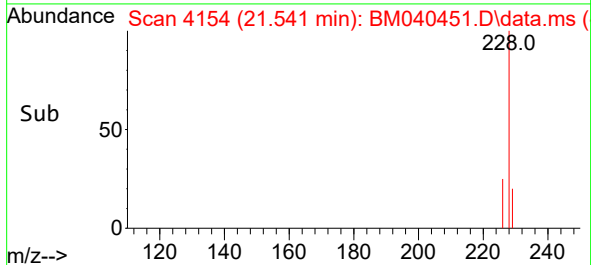
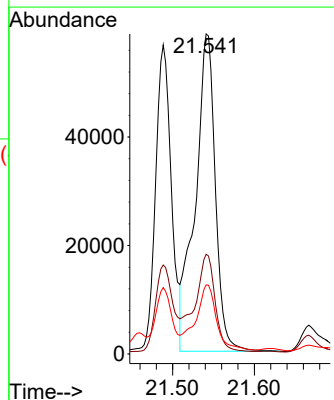
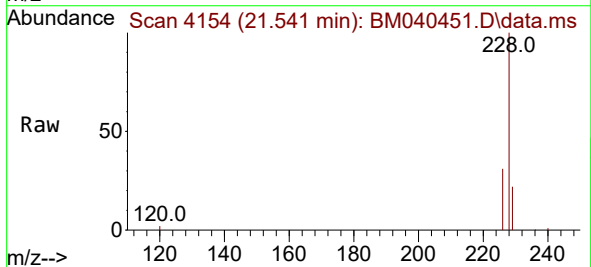
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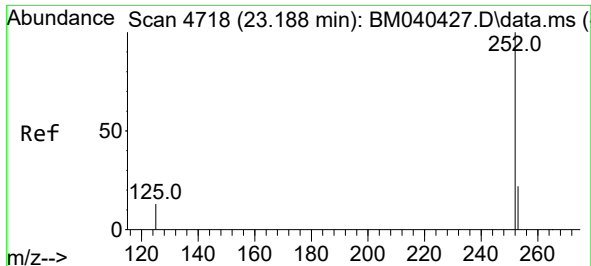
Tgt Ion:228 Resp: 74632
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.8 22.3 33.5



#22
Chrysene
Concen: 2.102 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.012 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:228 Resp: 100459
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 21.6 15.8 23.6

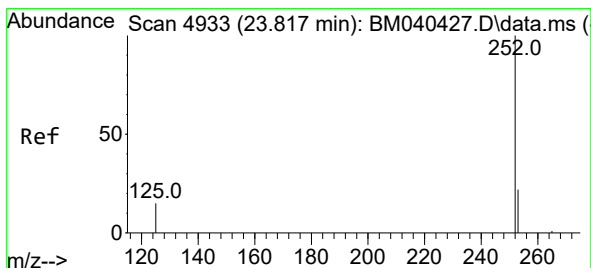
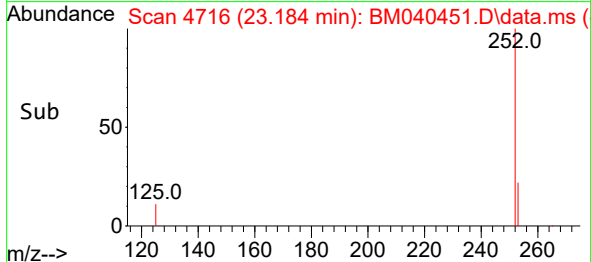
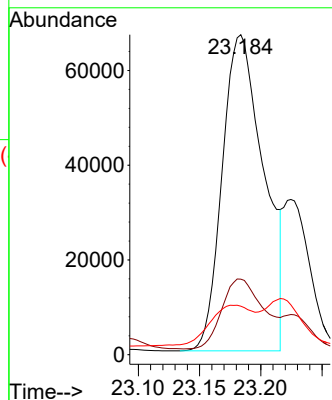
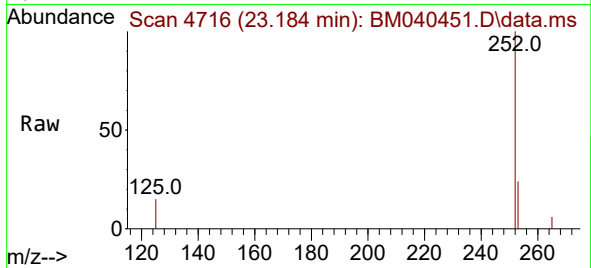




#24
Benzo(b)fluoranthene
Concen: 3.473 ng/ul
RT: 23.184 min Scan# 4718
Delta R.T. -0.009 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

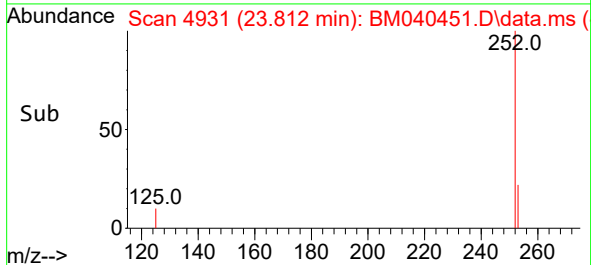
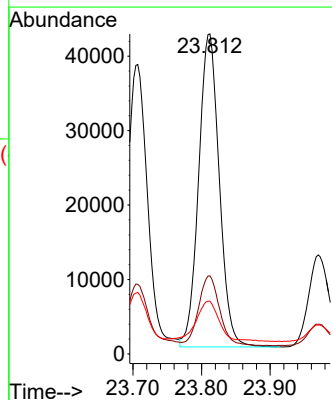
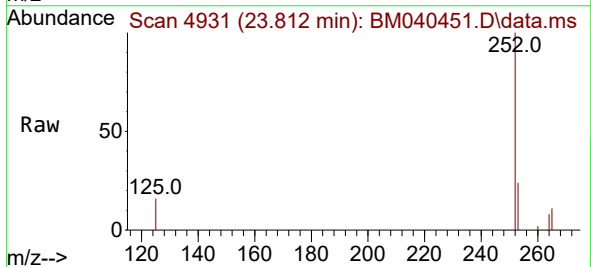
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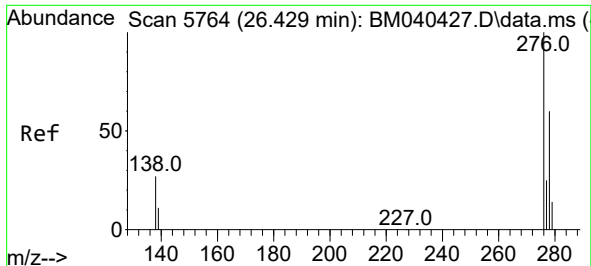
Tgt Ion:252 Resp: 157779
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.8
125 15.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 2.151 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Tgt Ion:252 Resp: 88029
Ion Ratio Lower Upper
252 100
253 24.4 22.9 34.3
125 16.5 21.0 31.4#

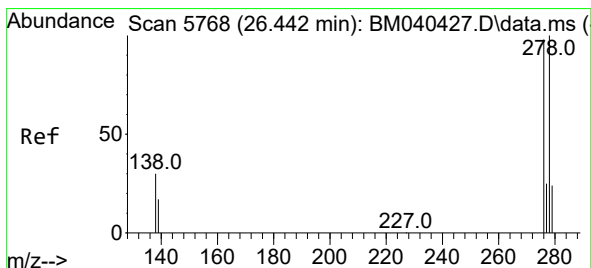
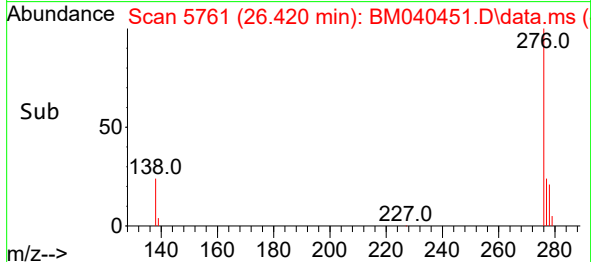
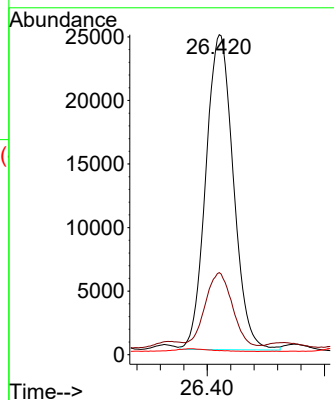
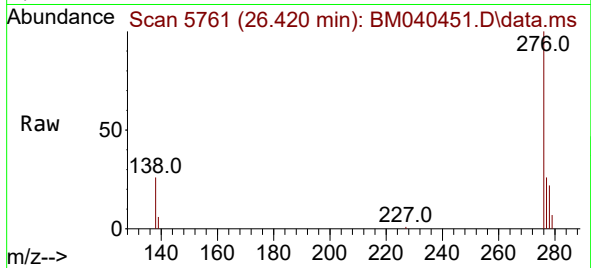




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.419 ng/ul
 RT: 26.420 min Scan# 5761
 Delta R.T. -0.013 min
 Lab File: BM040451.D
 Acq: 29 Jun 2023 23:35

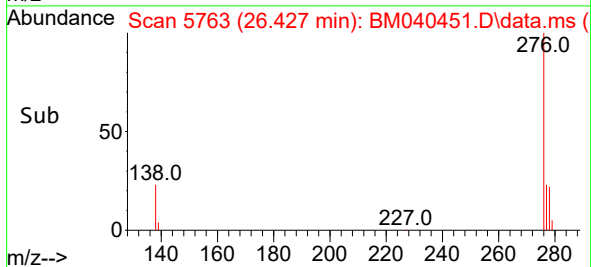
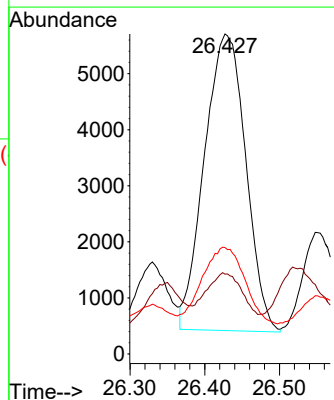
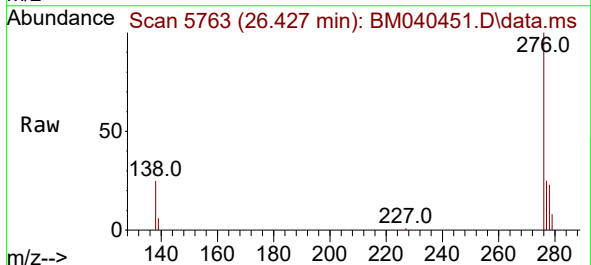
Instrument :
 BNA_M
 ClientSampleId :
 DCFW5

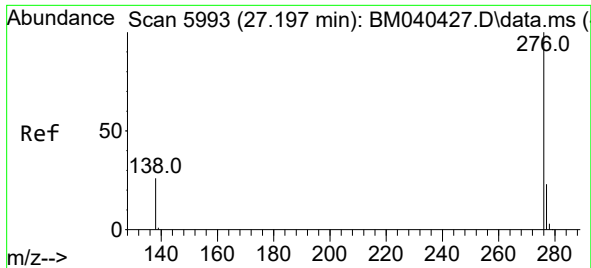
Tgt Ion:276 Resp: 80890
 Ion Ratio Lower Upper
 276 100
 138 23.9 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.456 ng/ul
 RT: 26.427 min Scan# 5763
 Delta R.T. -0.027 min
 Lab File: BM040451.D
 Acq: 29 Jun 2023 23:35

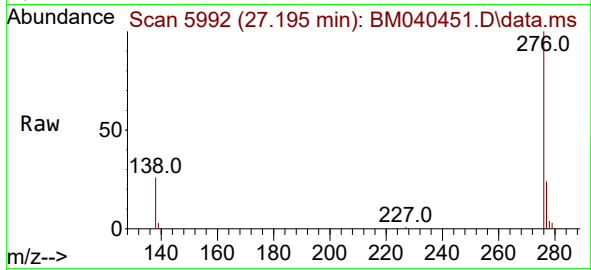
Tgt Ion:278 Resp: 20334
 Ion Ratio Lower Upper
 278 100
 139 25.0 17.9 26.9
 279 33.2 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 1.399 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. -0.010 min
Lab File: BM040451.D
Acq: 29 Jun 2023 23:35

Instrument :
BNA_M
ClientSampleId :
DCFW5



Tgt Ion:276 Resp: 69866
Ion Ratio Lower Upper
276 100
138 26.5 23.0 34.6
277 24.5 20.3 30.5

