

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040438.D
 Acq On : 29 Jun 2023 15:27
 Operator : MA/JU
 Sample : 03143-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU2

Quant Time: Jun 30 03:05:57 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)

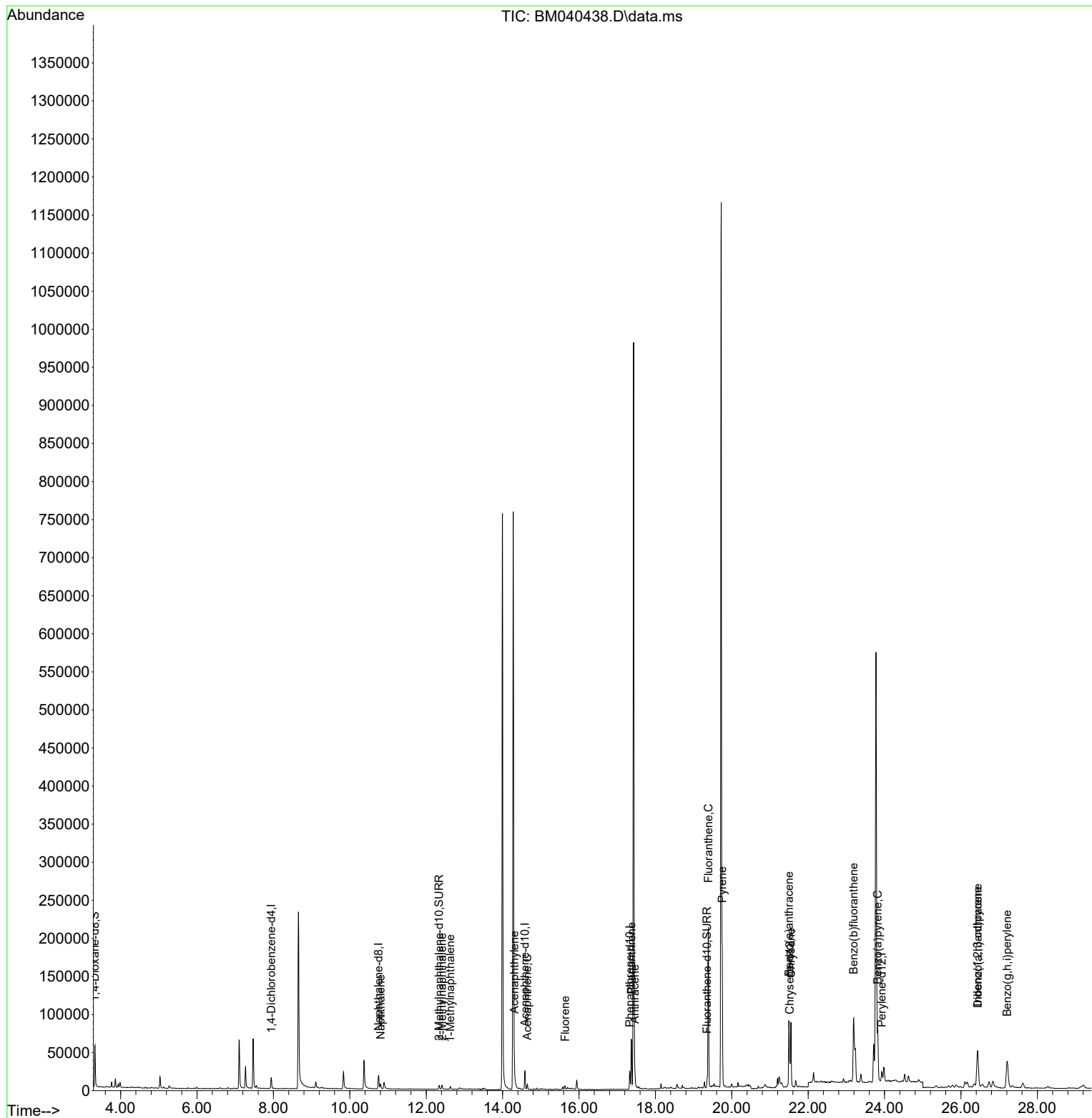
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	27216	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	13608	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	27731	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	16584	0.400	ng/ul	0.00
23) Perylene-d12	23.928	264	17537	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	32625	2.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	7666	0.201	ng/ul	-0.01
18) Fluoranthene-d10	19.355	212	12952	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	9318	0.124	ng/ul#	94
7) 2-Methylnaphthalene	12.415	142	4327	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.630	142	2892	0.066	ng/ul	99
10) Acenaphthylene	14.307	152	6607	0.109	ng/ul#	94
11) Acenaphthene	14.645	153	3974	0.077	ng/ul	98
12) Fluorene	15.635	166	3165	0.058	ng/ul#	98
15) Phenanthrene	17.373	178	73433	0.852	ng/ul	99
16) Anthracene	17.462	178	10862	0.150	ng/ul	95
19) Fluoranthene	19.387	202	181948	2.583	ng/ul	96
20) Pyrene	19.750	202	141788	1.877	ng/ul	98
21) Benzo(a)anthracene	21.496	228	73204	1.305	ng/ul	97
22) Chrysene	21.548	228	89314	1.396	ng/ul	97
24) Benzo(b)fluoranthene	23.191	252	140881	2.076	ng/ul	96
26) Benzo(a)pyrene	23.820	252	92574	1.514	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.436	276	87608	1.029	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.439	278	20591	0.309	ng/ul#	87
29) Benzo(g,h,i)perylene	27.211	276	86207	1.155	ng/ul	97

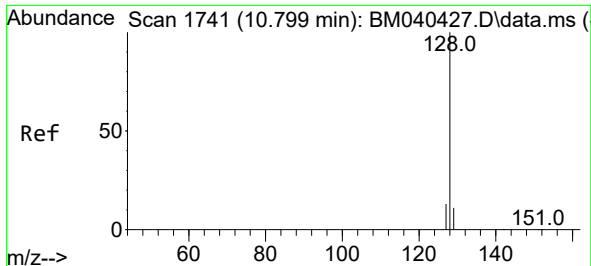
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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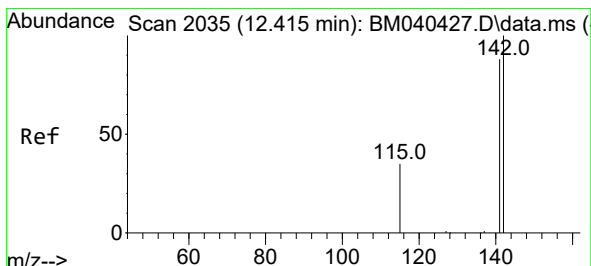
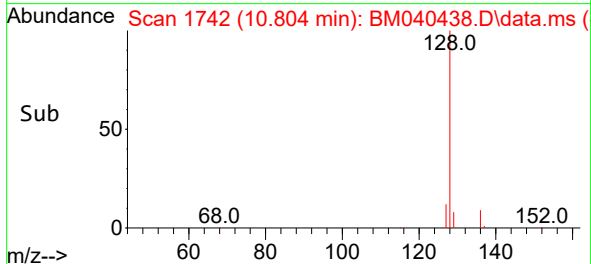
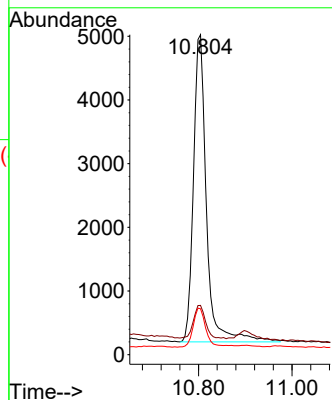
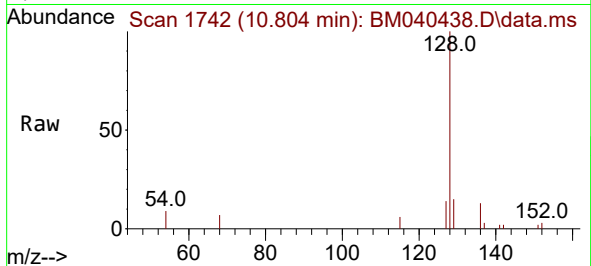




#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.804 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

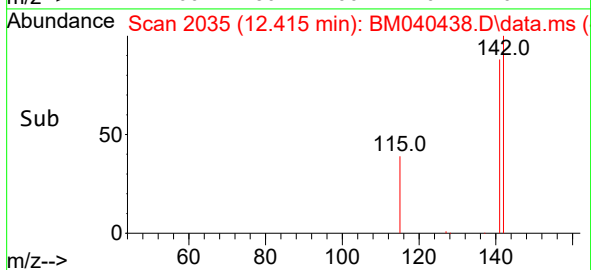
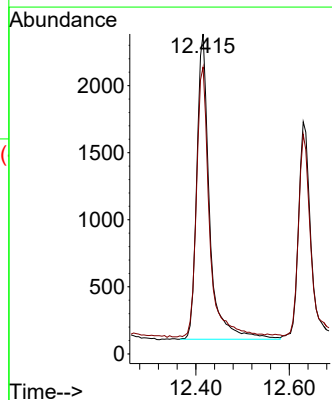
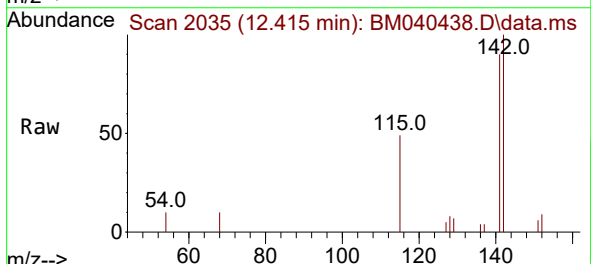
Instrument :
BNA_M
ClientSampleId :
DCFU2

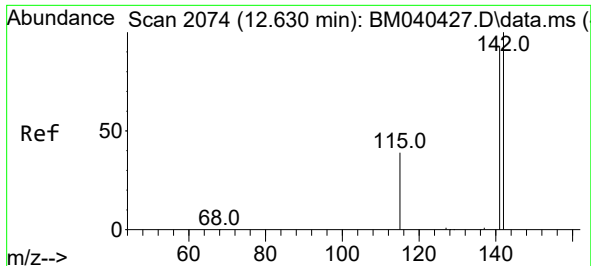
Tgt Ion:128 Resp: 9318
Ion Ratio Lower Upper
128 100
129 15.4 9.2 13.8#
127 14.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.415 min Scan# 2035
Delta R.T. -0.007 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:142 Resp: 4327
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9

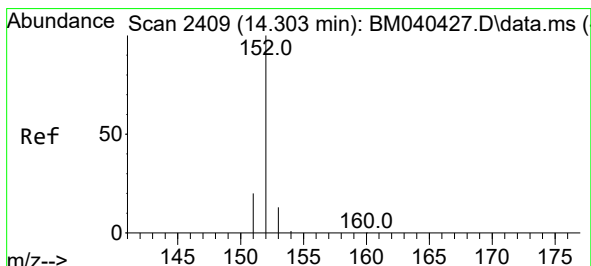
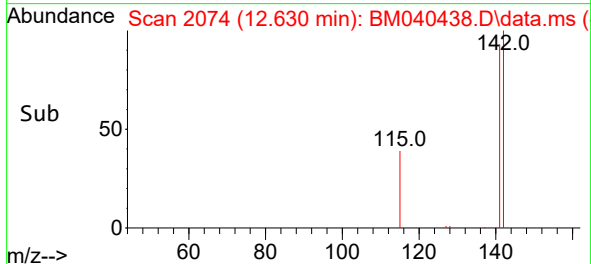
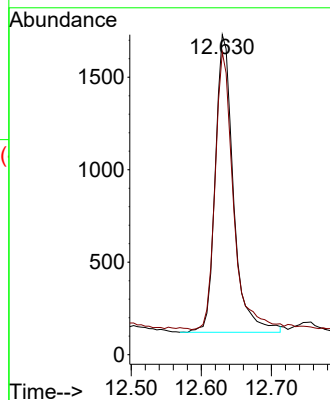
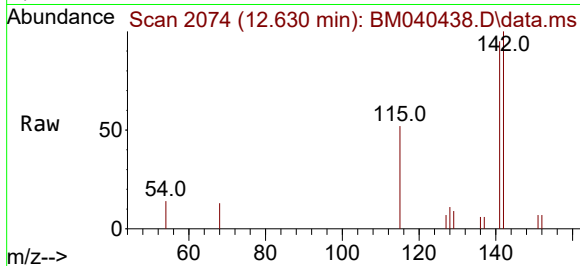




#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.630 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

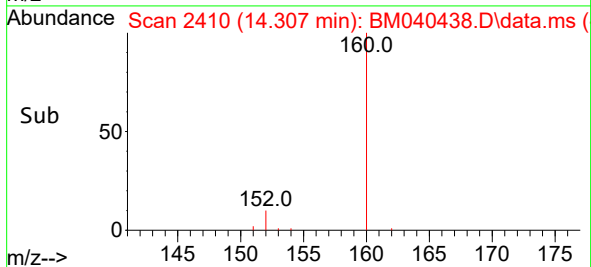
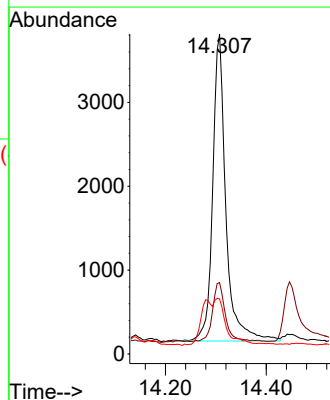
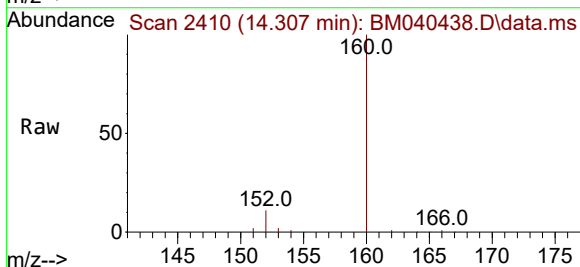
Instrument :
BNA_M
ClientSampleId :
DCFU2

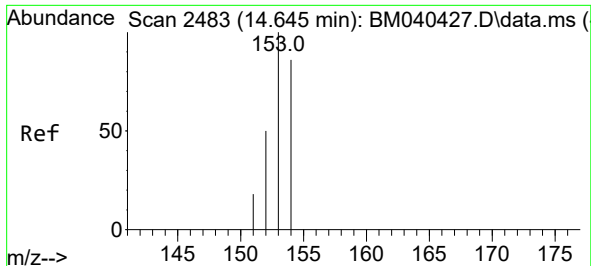
Tgt Ion:142 Resp: 2892
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.307 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:152 Resp: 6607
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 17.2 10.9 16.3#

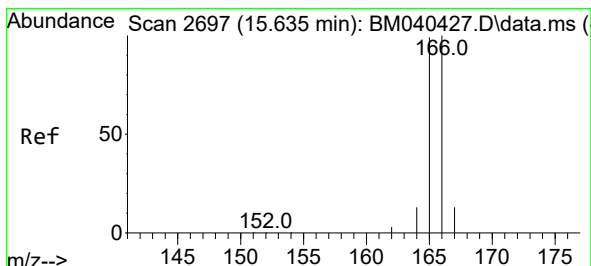
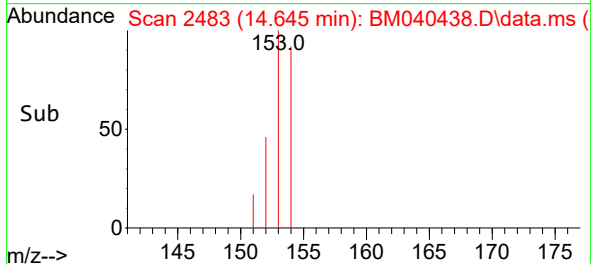
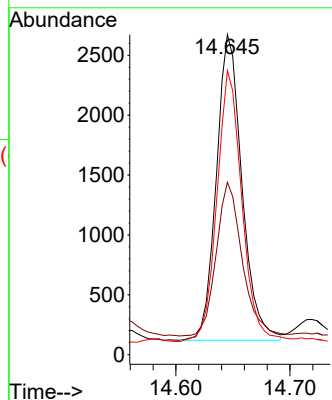
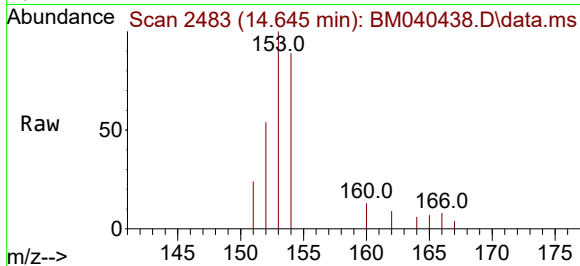




#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.645 min Scan# 2483
Delta R.T. -0.011 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

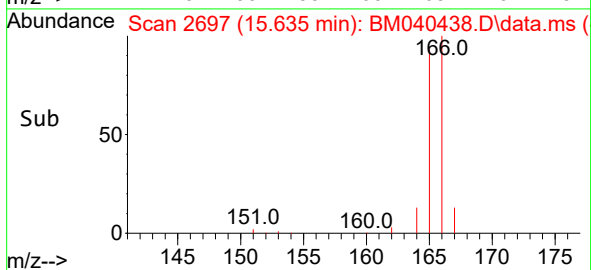
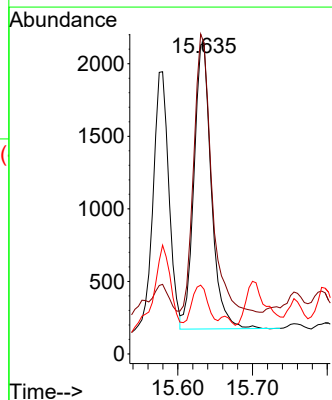
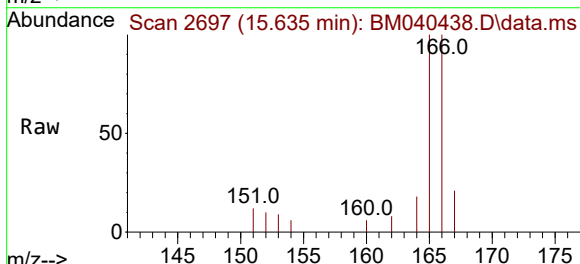
Instrument :
BNA_M
ClientSampleId :
DCFU2

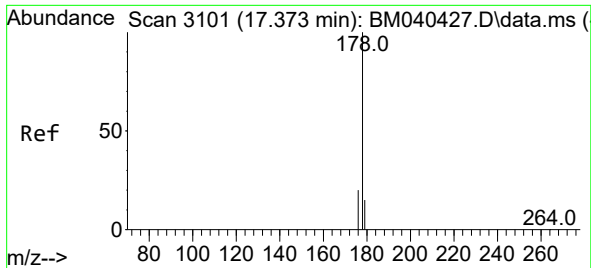
Tgt Ion:153 Resp: 3974
Ion Ratio Lower Upper
153 100
152 53.9 41.0 61.4
154 88.7 70.8 106.2



#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.635 min Scan# 2697
Delta R.T. -0.006 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:166 Resp: 3165
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 20.8 11.4 17.0#

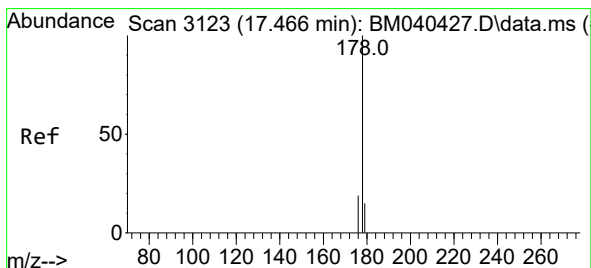
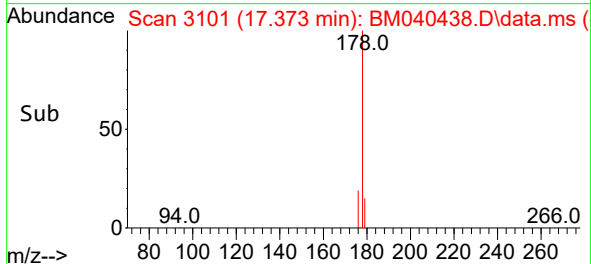
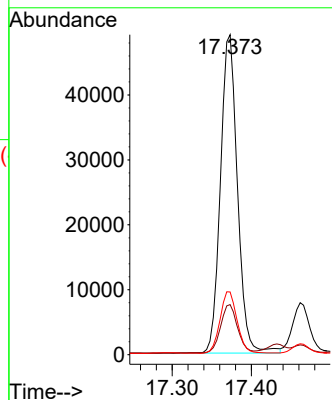
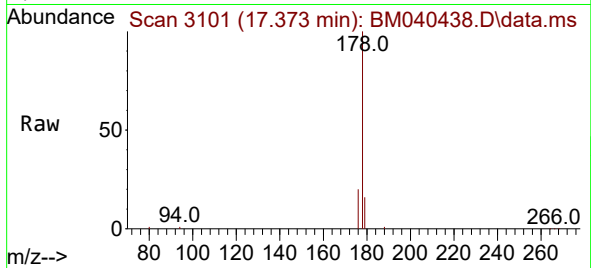




#15
Phenanthrene
Concen: 0.852 ng/ul
RT: 17.373 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

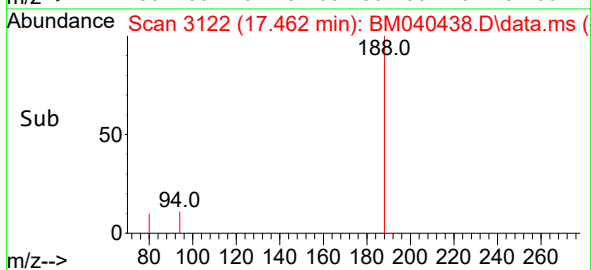
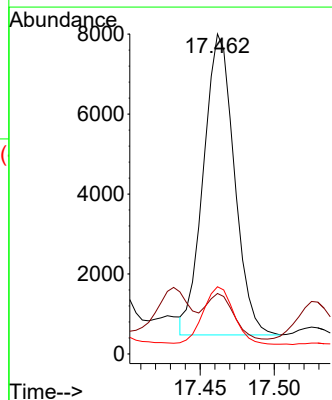
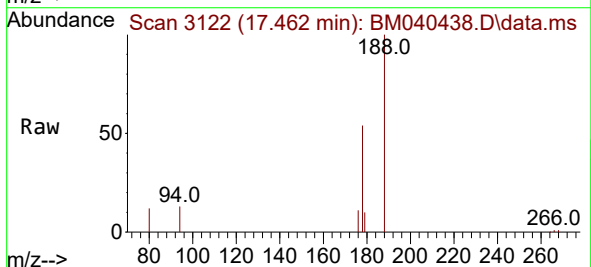
Instrument :
BNA_M
ClientSampleId :
DCFU2

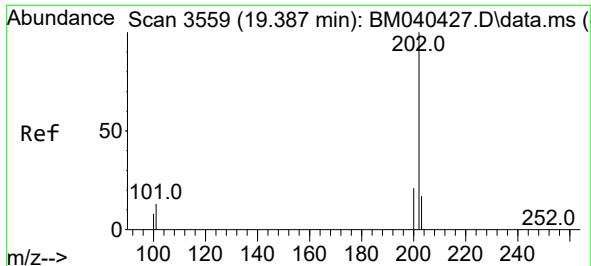
Tgt Ion:	178	Resp:	73433
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	19.6	16.4	24.6



#16
Anthracene
Concen: 0.150 ng/ul
RT: 17.462 min Scan# 3122
Delta R.T. -0.010 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:	178	Resp:	10862
Ion Ratio	Lower	Upper	
178	100		
179	18.9	12.9	19.3
176	21.0	15.8	23.6

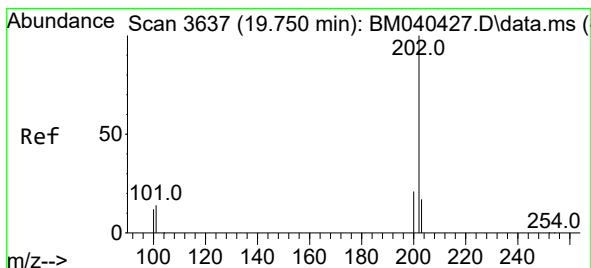
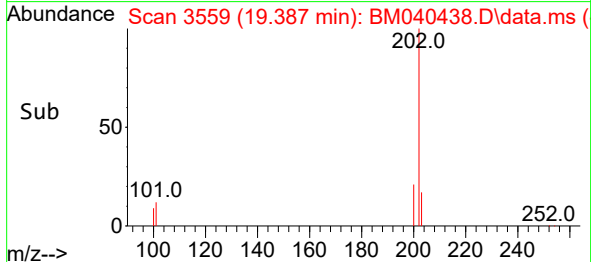
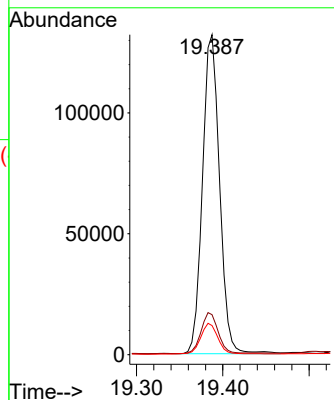
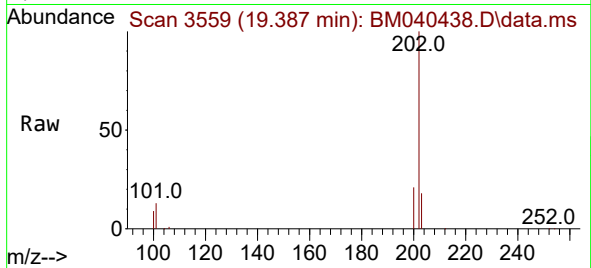




#19
Fluoranthene
Concen: 2.583 ng/ul
RT: 19.387 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

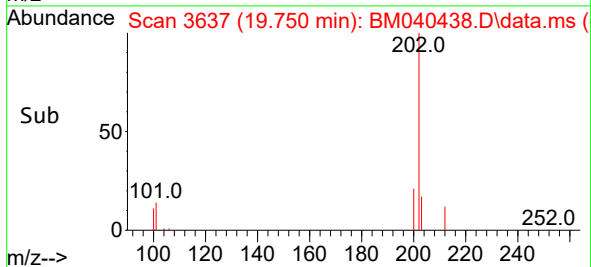
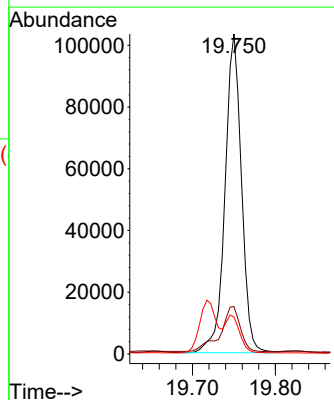
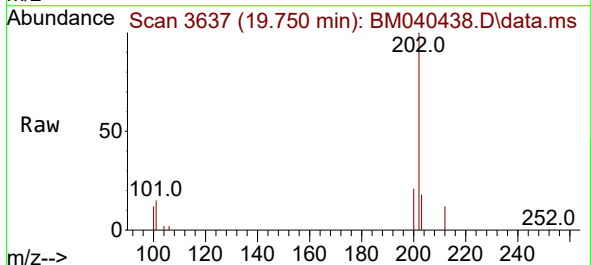
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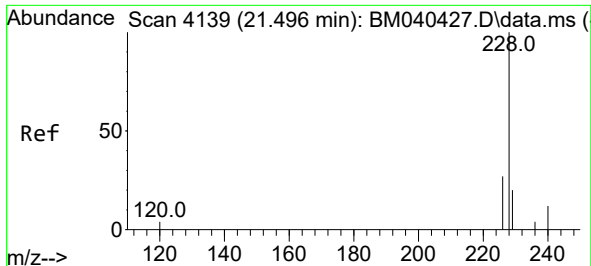
Tgt Ion:202 Resp: 181948
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.1 8.7 13.1



#20
Pyrene
Concen: 1.877 ng/ul
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:202 Resp: 141788
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.5 9.8 14.6

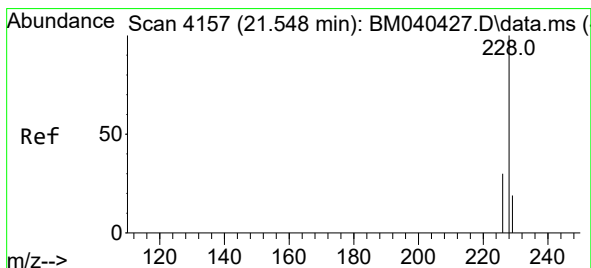
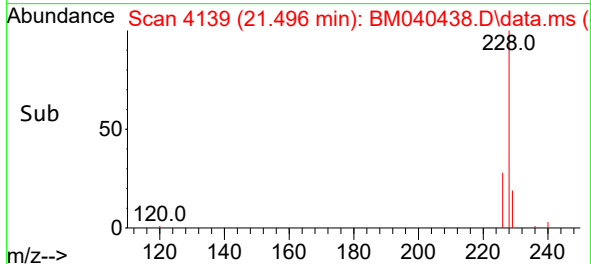
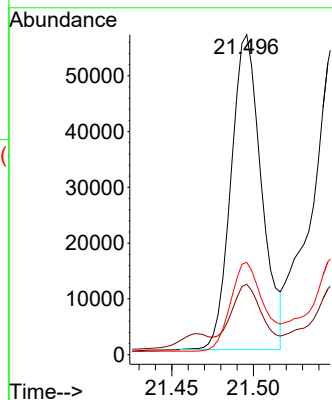
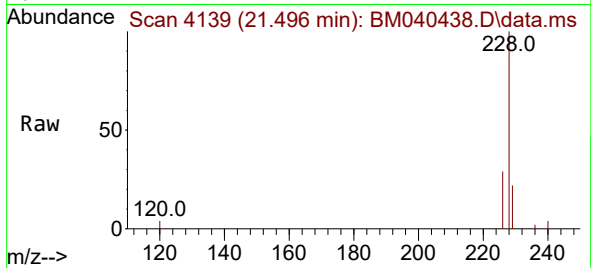




#21
Benzo(a)anthracene
Concen: 1.305 ng/ul
RT: 21.496 min Scan# 4139
Delta R.T. -0.004 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

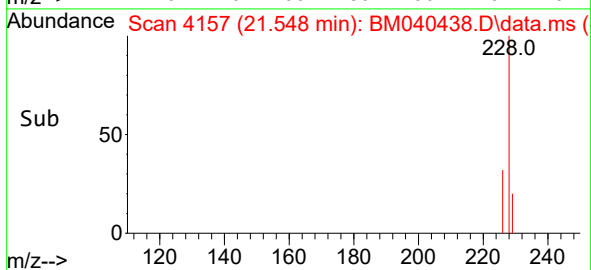
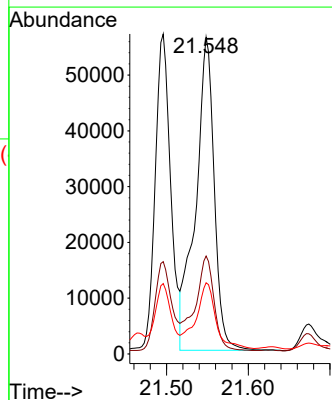
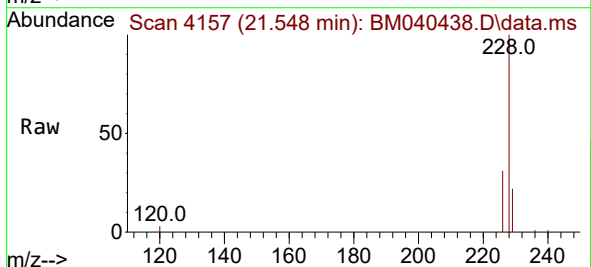
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DCFU2

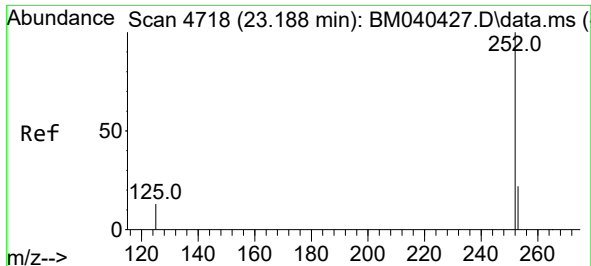
Tgt Ion:228 Resp: 73204
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 1.396 ng/ul
RT: 21.548 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:228 Resp: 89314
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.5 15.8 23.6

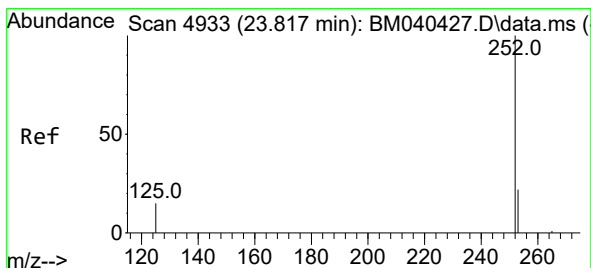
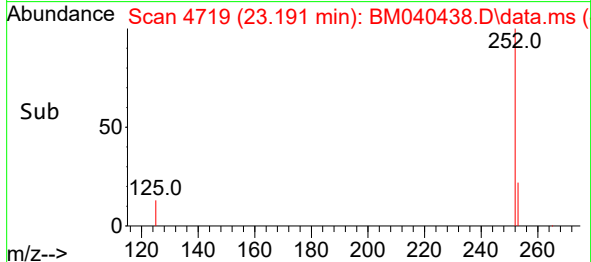
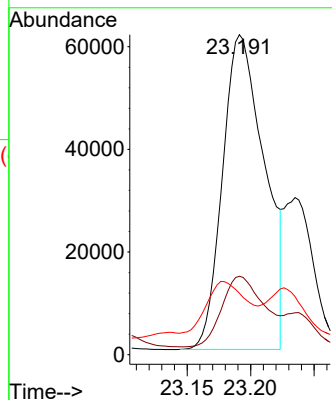
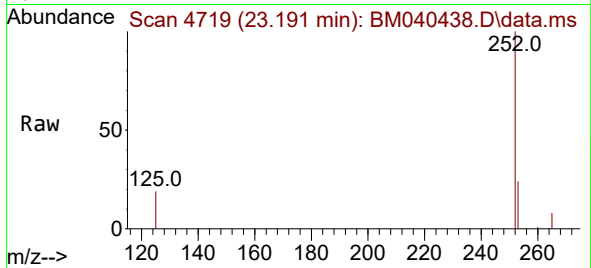




#24
Benzo(b)fluoranthene
Concen: 2.076 ng/ul
RT: 23.191 min Scan# 4719
Delta R.T. -0.001 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

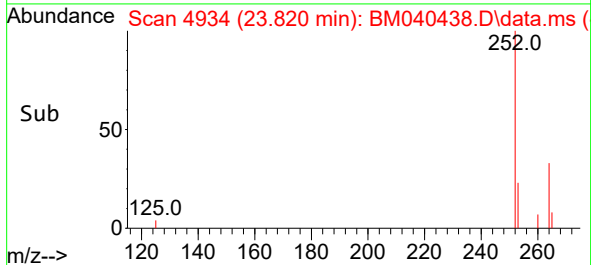
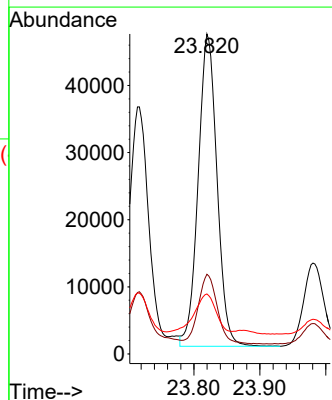
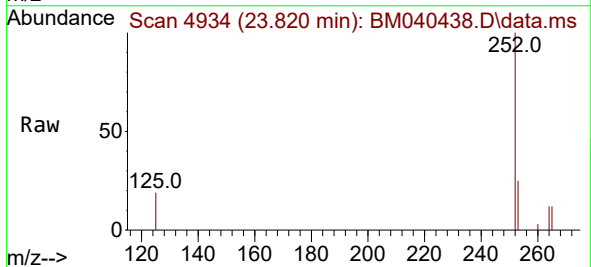
Instrument :
BNA_M
ClientSampleId :
DCFU2

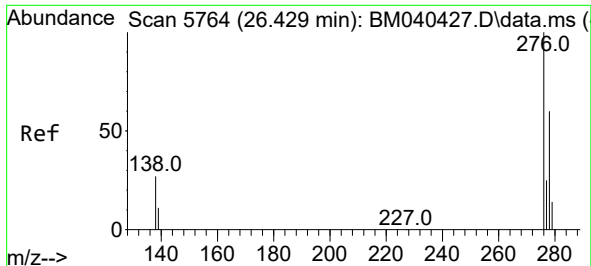
Tgt Ion:252 Resp: 140881
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 19.2 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.514 ng/ul
RT: 23.820 min Scan# 4934
Delta R.T. -0.004 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

Tgt Ion:252 Resp: 92574
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 18.7 21.0 31.4#

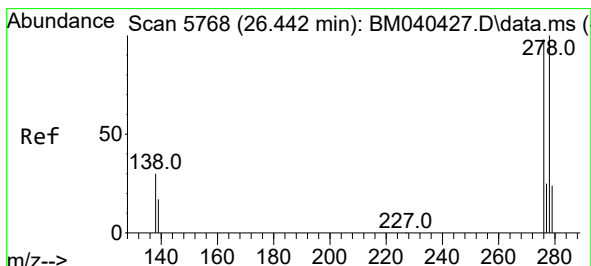
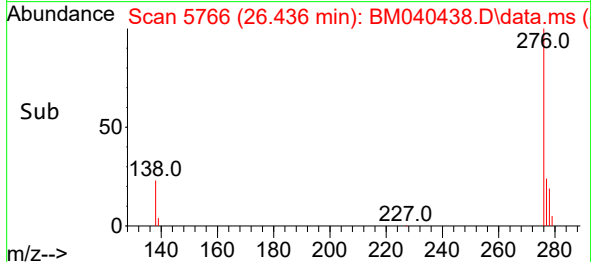
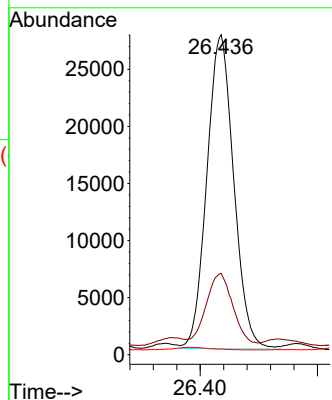
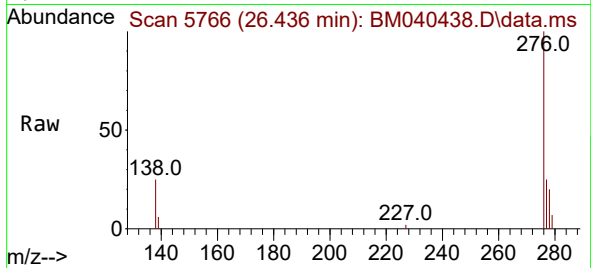




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.029 ng/ul
RT: 26.436 min Scan# 5766
Delta R.T. 0.002 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

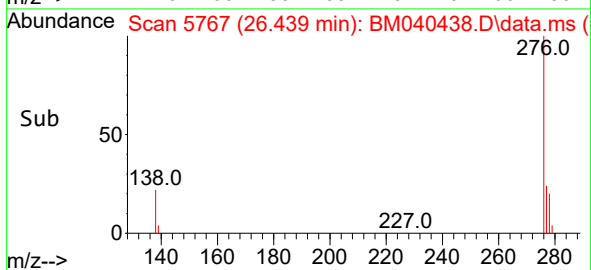
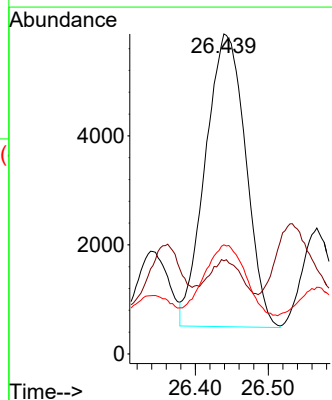
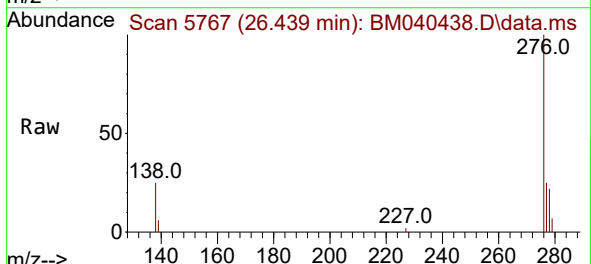
Instrument :
BNA_M
ClientSampleId :
DCFU2

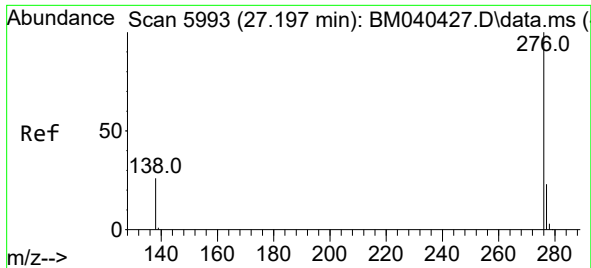
Tgt Ion:276 Resp: 87608
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 26.439 min Scan# 5767
Delta R.T. -0.015 min
Lab File: BM040438.D
Acq: 29 Jun 2023 15:27

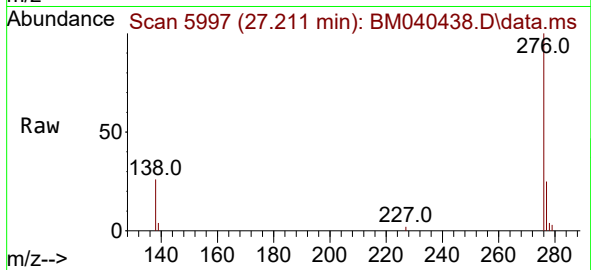
Tgt Ion:278 Resp: 20591
Ion Ratio Lower Upper
278 100
139 29.1 17.9 26.9#
279 34.1 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 1.155 ng/ul
 RT: 27.211 min Scan# 5997
 Delta R.T. 0.005 min
 Lab File: BM040438.D
 Acq: 29 Jun 2023 15:27

Instrument :
 BNA_M
 ClientSampleId :
 DCFU2



Tgt Ion:276 Resp: 86207
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.0 34.6
 277 24.8 20.3 30.5

