

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040465.D
 Acq On : 30 Jun 2023 10:53
 Operator : MA/JU
 Sample : 03239-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY7

Quant Time: Jul 01 03:02:35 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

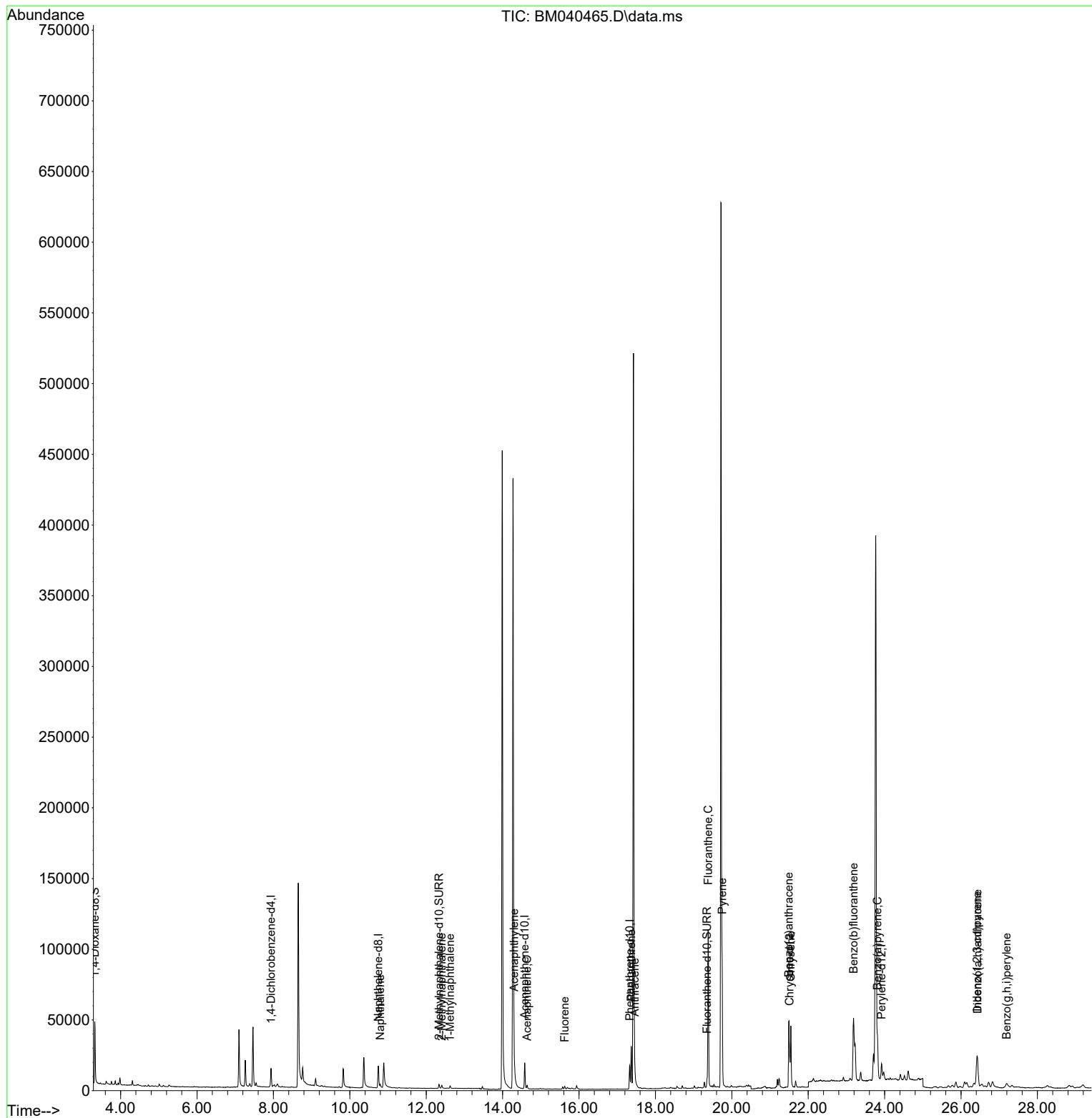
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	24007	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.577	164	10760	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	20354	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13646	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15581	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25038	2.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	4718	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	6835	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	2894	0.044	ng/ul#	82
7) 2-Methylnaphthalene	12.406	142	1880	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	1371	0.035	ng/ul	99
10) Acenaphthylene	14.300	152	5091	0.106	ng/ul#	93
11) Acenaphthene	14.642	153	1514	0.037	ng/ul	97
12) Fluorene	15.627	166	1372	0.032	ng/ul#	92
15) Phenanthrene	17.366	178	35087	0.555	ng/ul	100
16) Anthracene	17.459	178	6036	0.114	ng/ul#	93
19) Fluoranthene	19.380	202	100337	1.731	ng/ul	98
20) Pyrene	19.747	202	73095	1.176	ng/ul	98
21) Benzo(a)anthracene	21.491	228	41346	0.896	ng/ul	98
22) Chrysene	21.544	228	47619	0.904	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	77484	1.285	ng/ul	94
26) Benzo(a)pyrene	23.812	252	39911	0.735	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.420	276	42567	0.563	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.431	278	10634	0.180	ng/ul#	86
29) Benzo(g,h,i)perylene	27.192	276	6915	0.104	ng/ul#	68

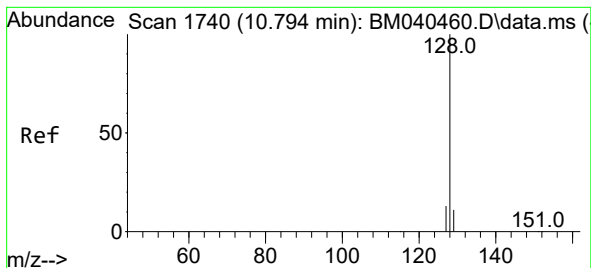
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.044 ng/ul

RT: 10.795 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BM040465.D

Acq: 30 Jun 2023 10:53

Instrument :

BNA_M

ClientSampleId :

DCFY7

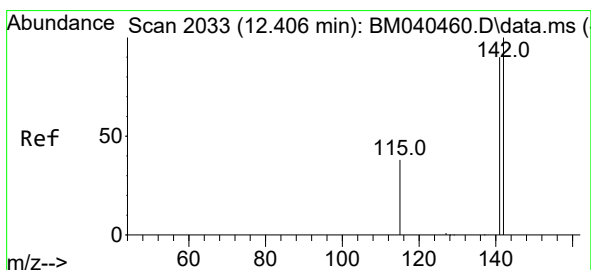
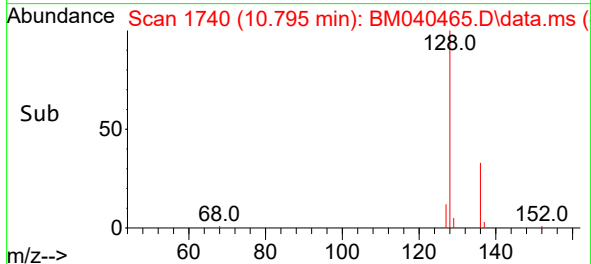
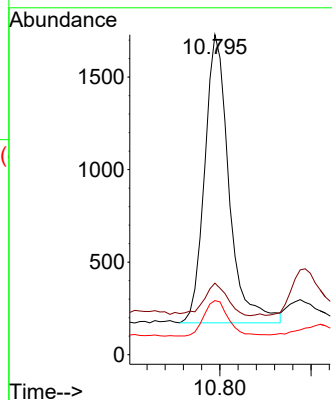
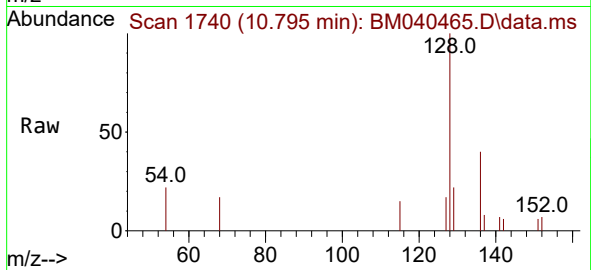
Tgt Ion:128 Resp: 2894

Ion Ratio Lower Upper

128 100

129 22.3 9.2 13.8#

127 16.9 10.6 15.8#



#7

2-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.406 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BM040465.D

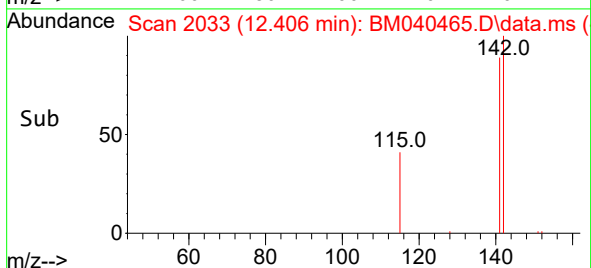
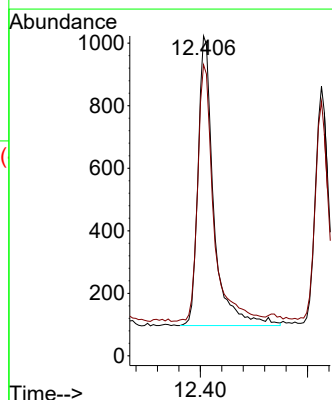
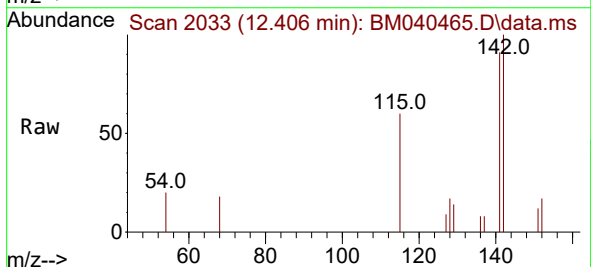
Acq: 30 Jun 2023 10:53

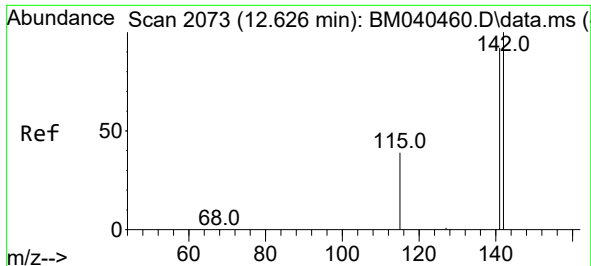
Tgt Ion:142 Resp: 1880

Ion Ratio Lower Upper

142 100

141 90.1 71.9 107.9

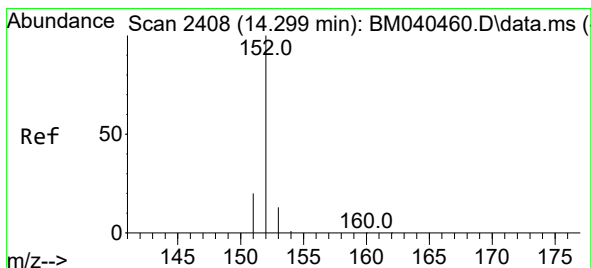
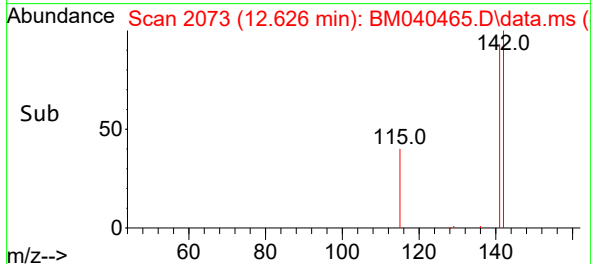
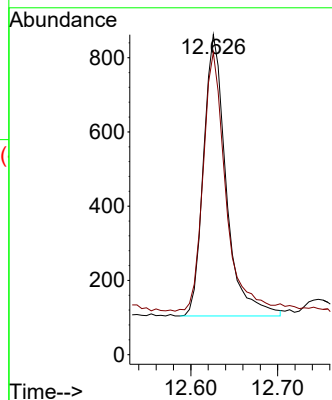
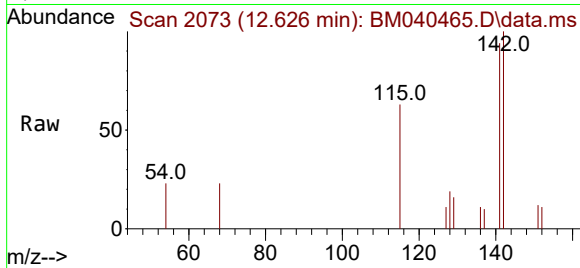




#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

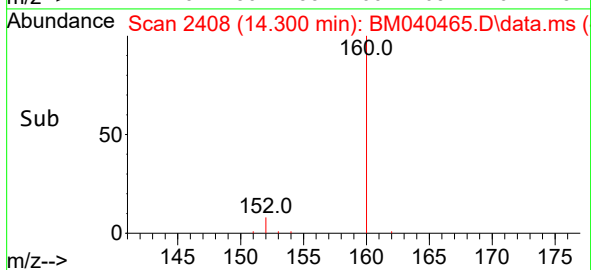
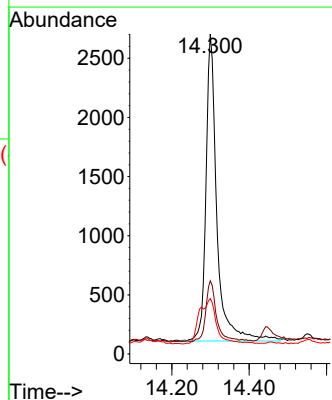
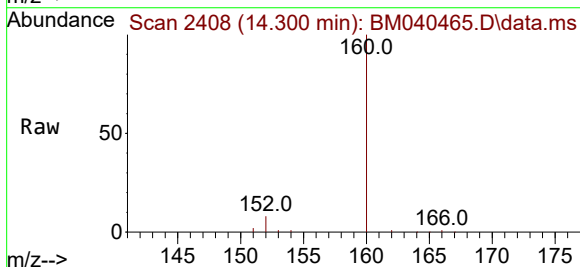
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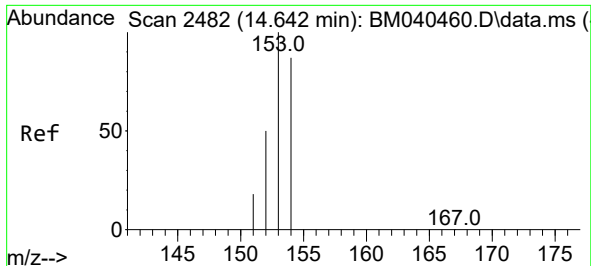
Tgt Ion:142 Resp: 1371
Ion Ratio Lower Upper
142 100
141 91.1 73.7 110.5



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:152 Resp: 5091
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2
153 17.3 10.9 16.3#

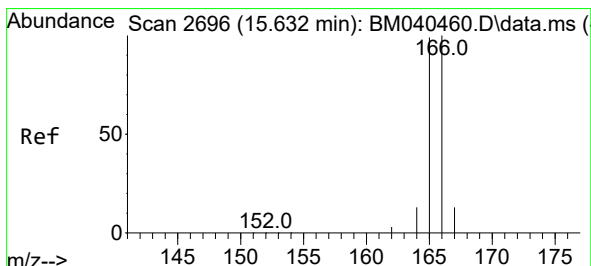
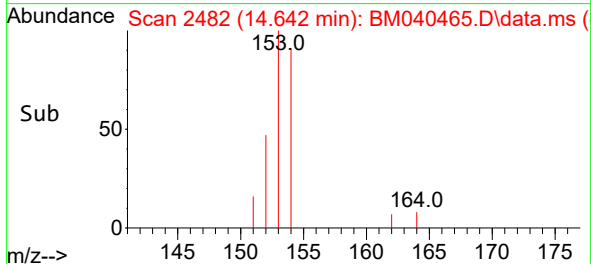
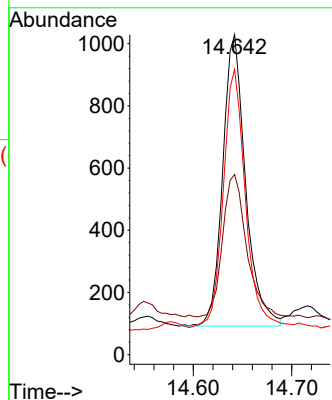
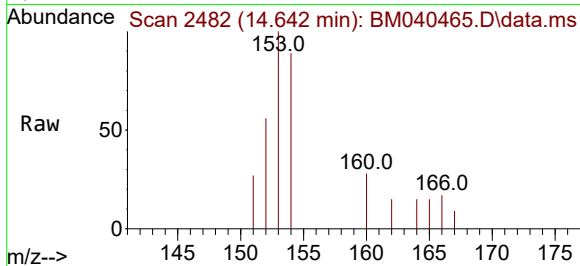




#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

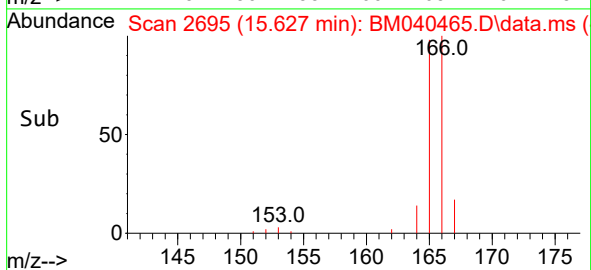
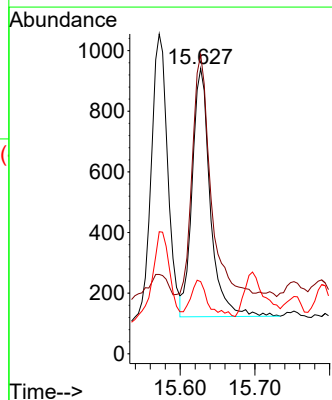
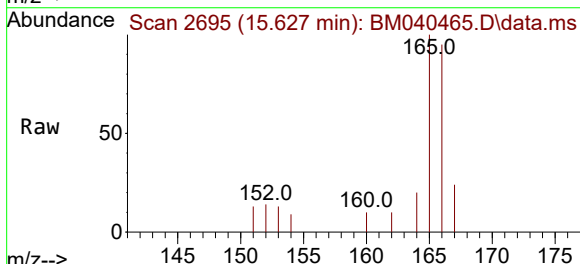
Instrument :
BNA_M
ClientSampleId :
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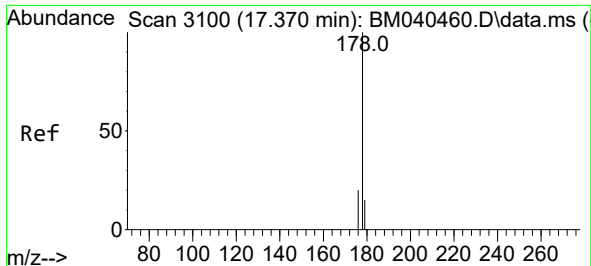
Tgt Ion:153 Resp: 1514
Ion Ratio Lower Upper
153 100
152 56.4 41.0 61.4
154 89.2 70.8 106.2



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:166 Resp: 1372
Ion Ratio Lower Upper
166 100
165 104.9 79.6 119.4
167 25.3 11.4 17.0#

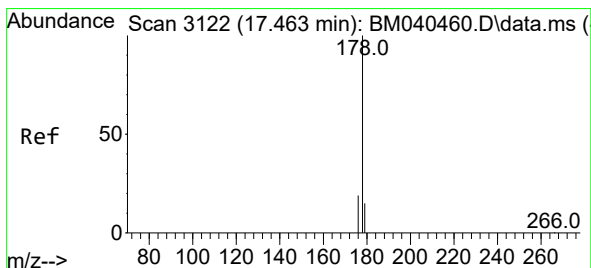
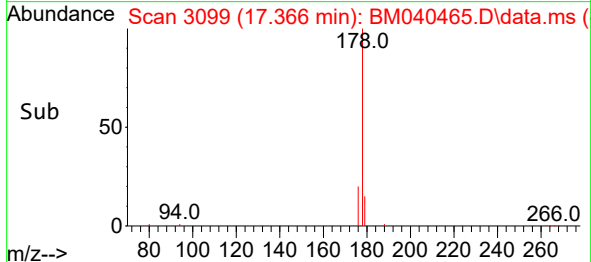
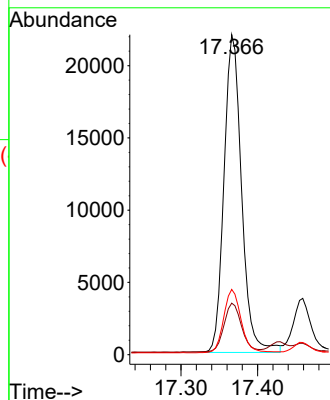
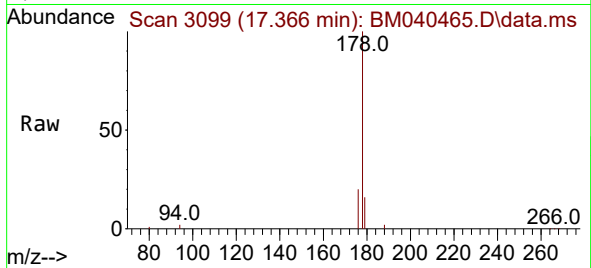




#15
Phenanthrene
Concen: 0.555 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

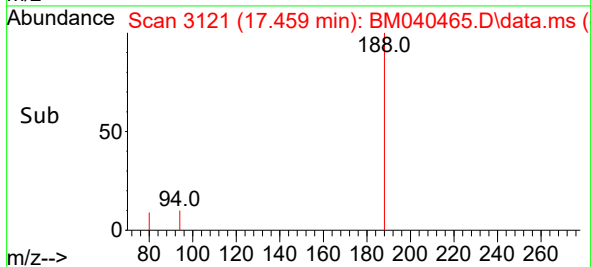
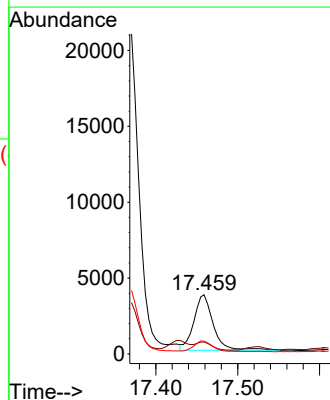
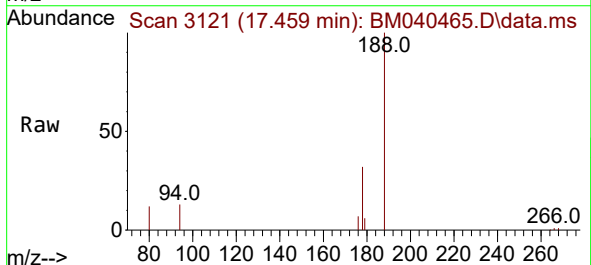
Instrument :
BNA_M
ClientSampleId :
DCFY7

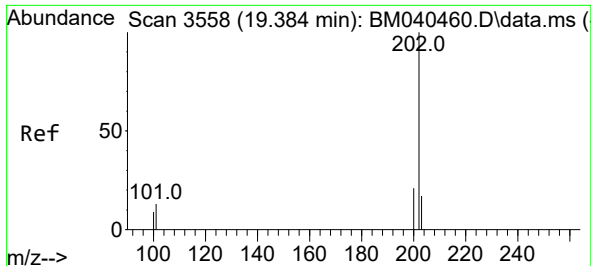
Tgt Ion:178 Resp: 35087
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.4 16.4 24.6



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:178 Resp: 6036
Ion Ratio Lower Upper
178 100
179 20.2 12.9 19.3#
176 21.6 15.8 23.6

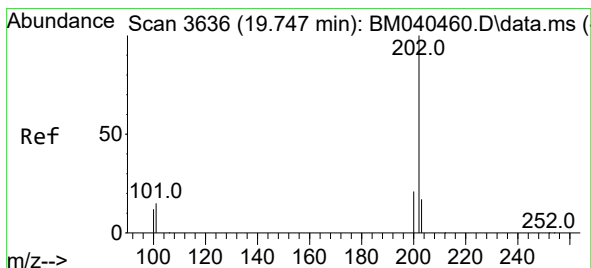
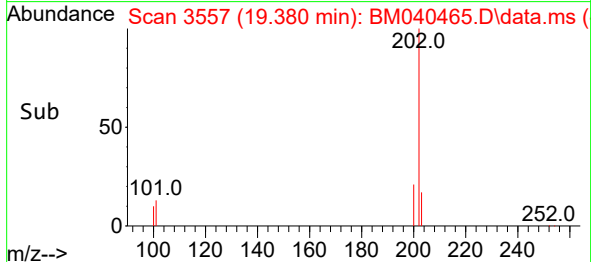
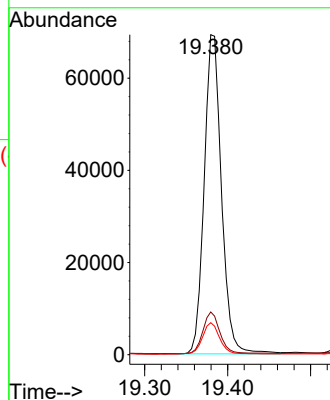
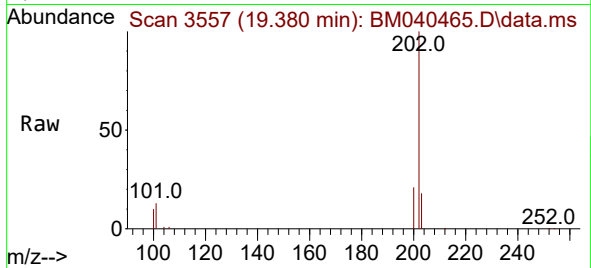




#19
Fluoranthene
Concen: 1.731 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

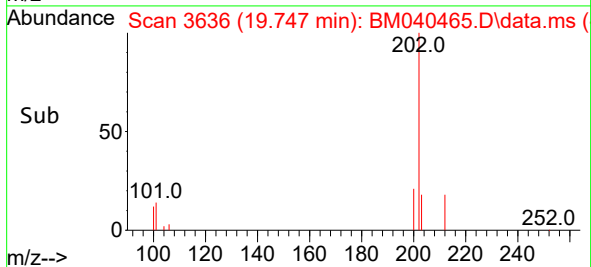
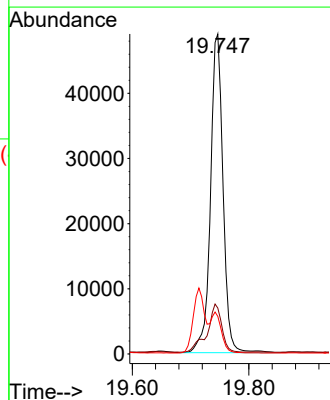
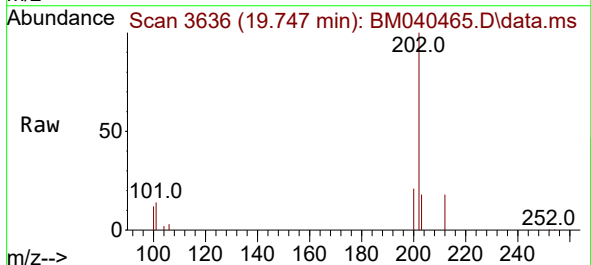
Instrument :
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ClientSampleId :
DCFY7

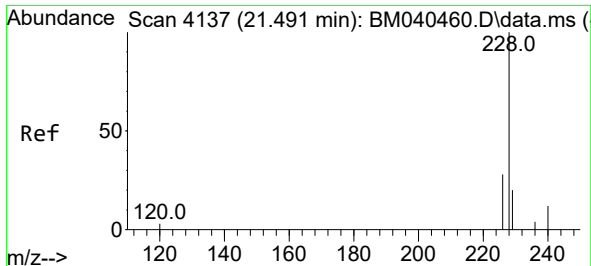
Tgt Ion:202 Resp: 100337
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.0 8.7 13.1



#20
Pyrene
Concen: 1.176 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:202 Resp: 73095
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.8 9.8 14.6

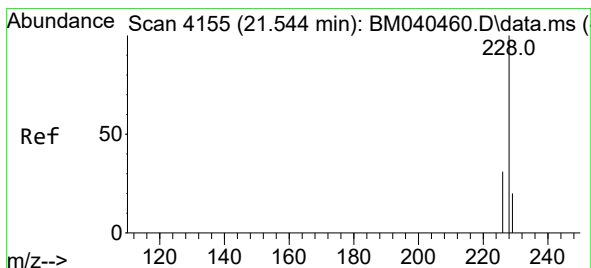
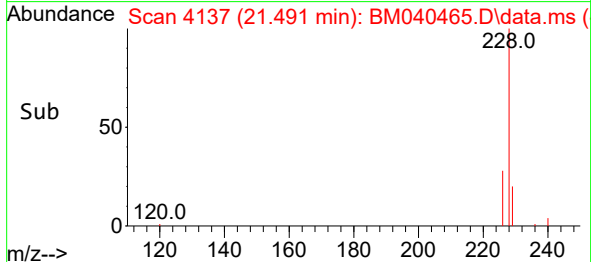
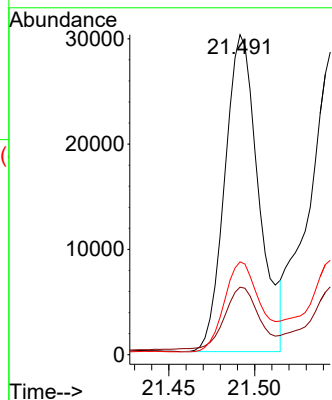
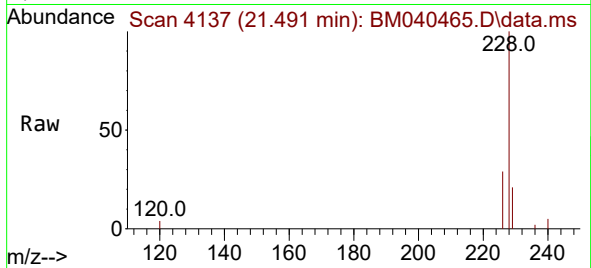




#21
Benzo(a)anthracene
Concen: 0.896 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

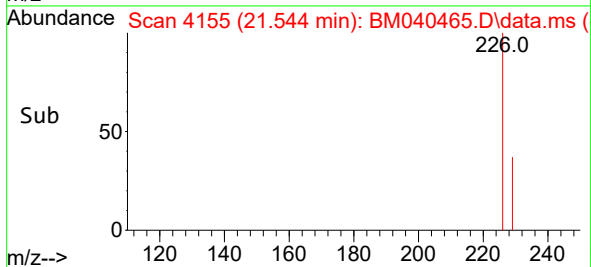
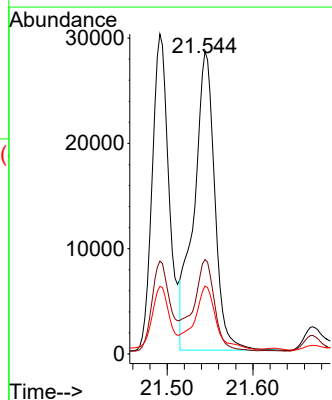
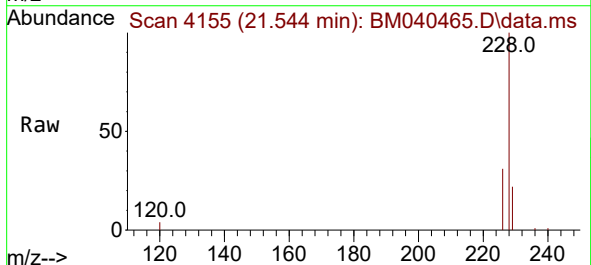
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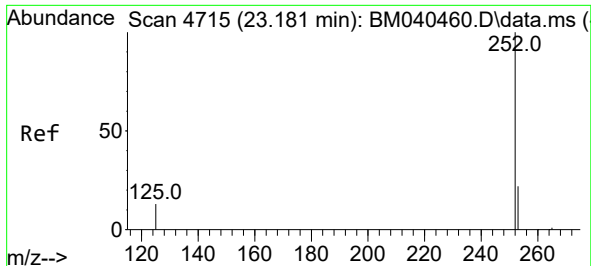
Tgt Ion:228 Resp: 41346
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 29.0 22.3 33.5



#22
Chrysene
Concen: 0.904 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:228 Resp: 47619
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.4 15.8 23.6

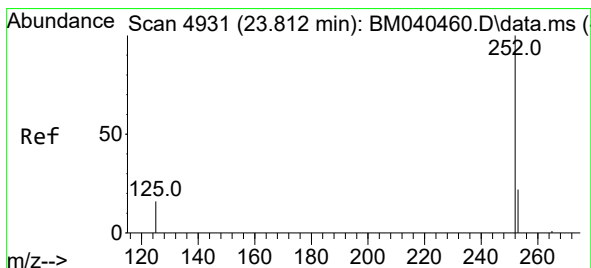
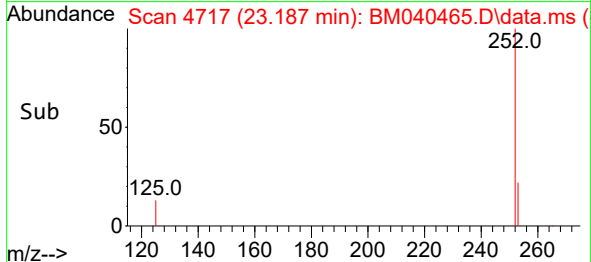
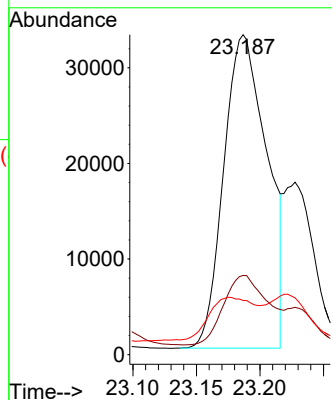
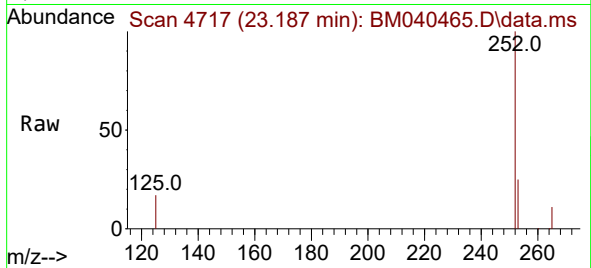




#24
Benzo(b)fluoranthene
Concen: 1.285 ng/ul
RT: 23.187 min Scan# 4715
Delta R.T. 0.006 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

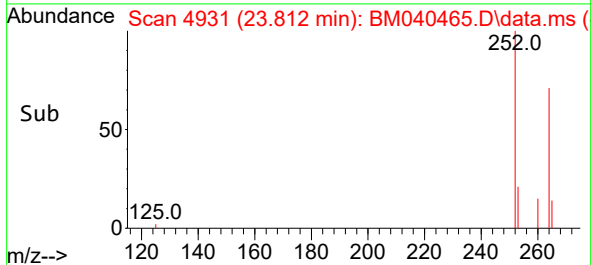
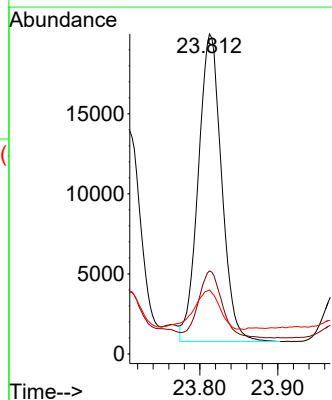
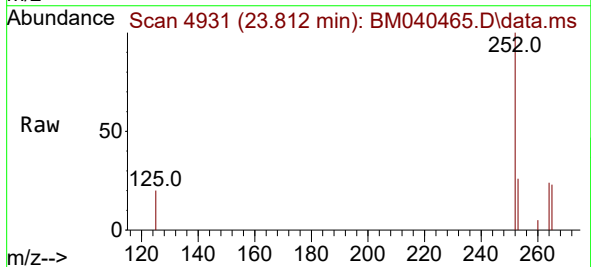
Instrument :
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ClientSampleId :
DCFY7

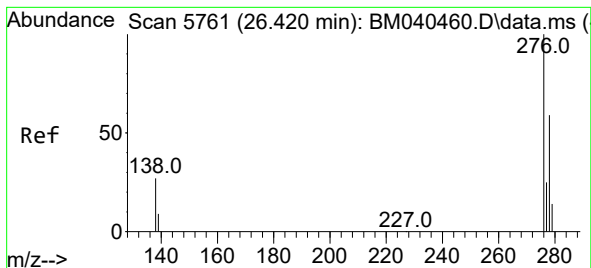
Tgt Ion:252 Resp: 77484
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.8
125 17.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.735 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Tgt Ion:252 Resp: 39911
Ion Ratio Lower Upper
252 100
253 25.9 22.9 34.3
125 20.0 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.563 ng/ul

RT: 26.420 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM040465.D

Acq: 30 Jun 2023 10:53

Instrument :

BNA_M

ClientSampleId :

DCFY7

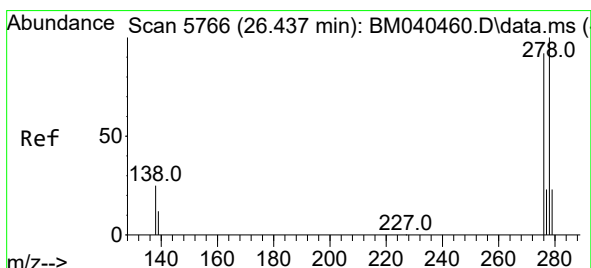
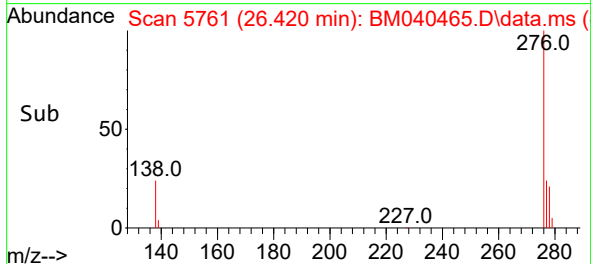
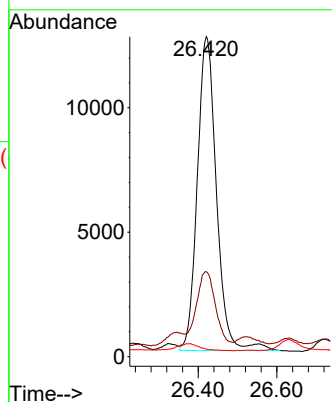
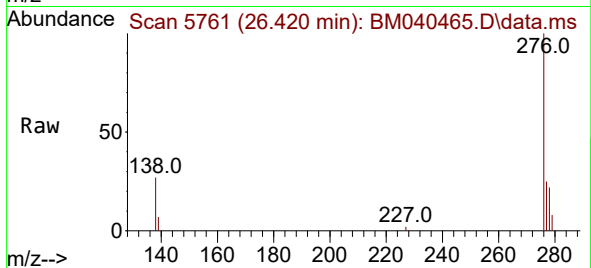
Tgt Ion:276 Resp: 42567

Ion Ratio Lower Upper

276 100

138 22.9 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.180 ng/ul

RT: 26.431 min Scan# 5764

Delta R.T. -0.007 min

Lab File: BM040465.D

Acq: 30 Jun 2023 10:53

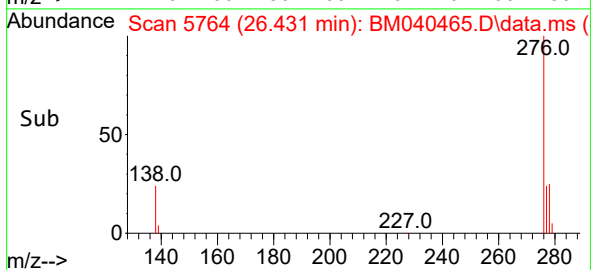
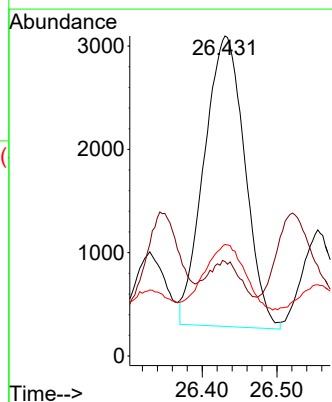
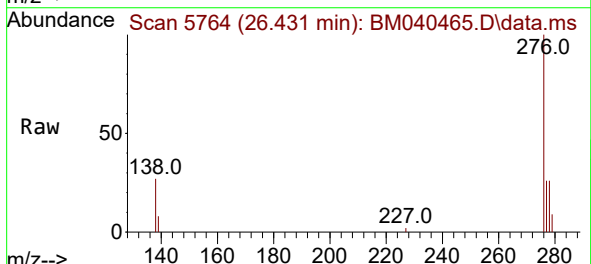
Tgt Ion:278 Resp: 10634

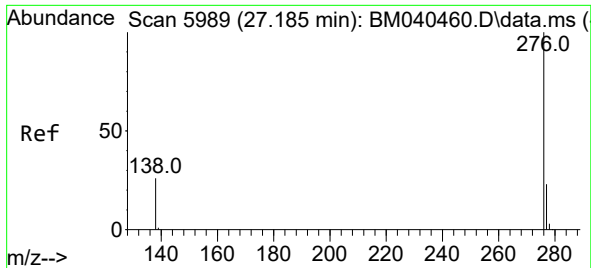
Ion Ratio Lower Upper

278 100

139 29.5 17.9 26.9#

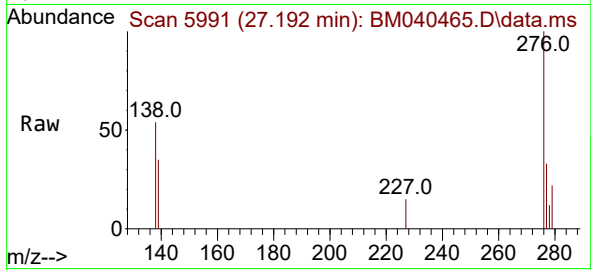
279 34.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040465.D
Acq: 30 Jun 2023 10:53

Instrument :
BNA_M
ClientSampleId :
DCFY7



Tgt Ion:276 Resp: 6915
Ion Ratio Lower Upper
276 100
138 54.1 23.0 34.6#
277 33.0 20.3 30.5#

