

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040463.D
 Acq On : 30 Jun 2023 09:39
 Operator : MA/JU
 Sample : 03239-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY1

Quant Time: Jul 01 03:02:17 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)

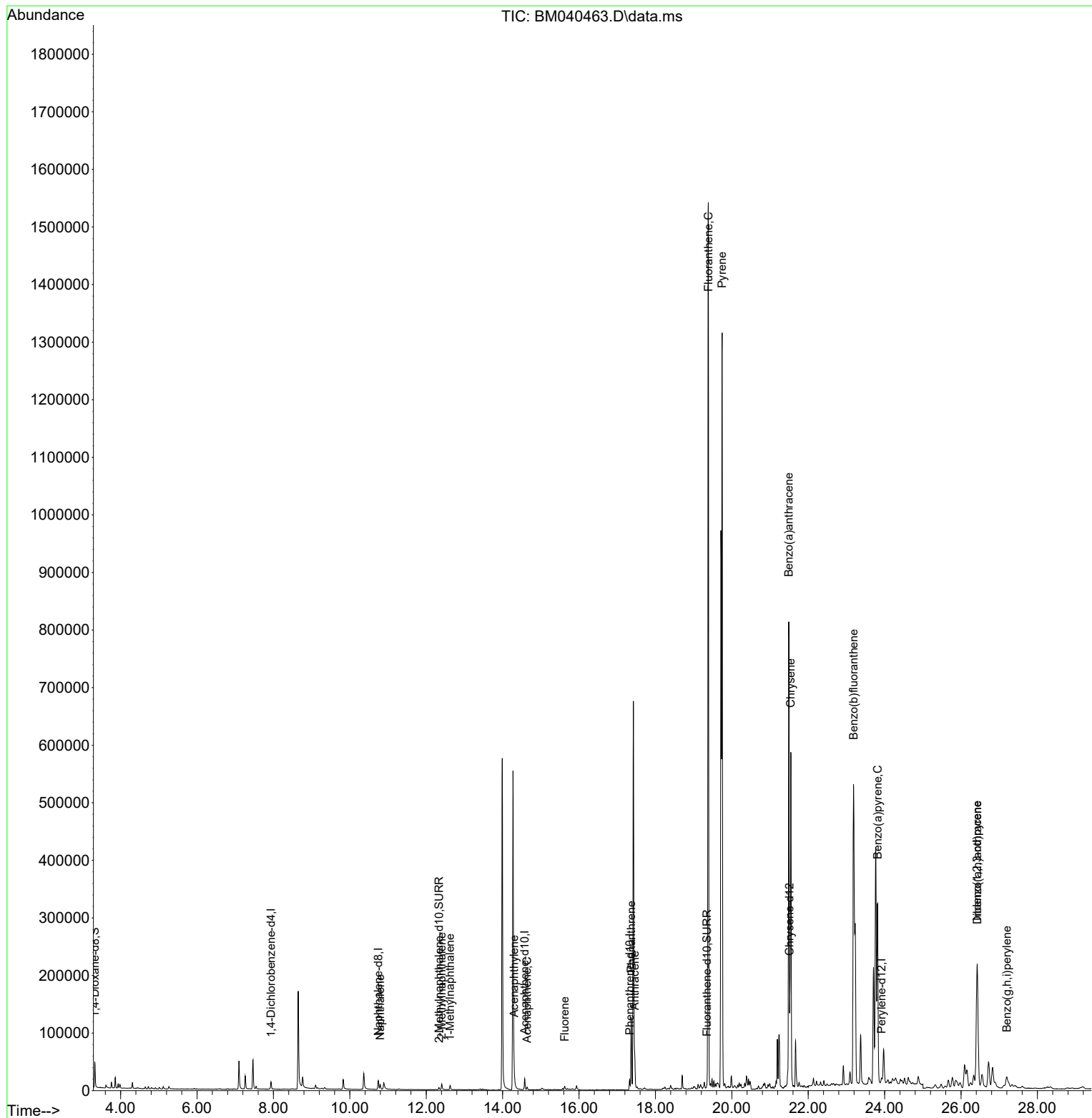
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	23180	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	10907	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	21443	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	12443	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	14787	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25639	2.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5865	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9153	0.229	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	12557	0.196	ng/ul#	96
7) 2-Methylnaphthalene	12.406	142	8247	0.220	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	5727	0.153	ng/ul	100
10) Acenaphthylene	14.300	152	20326	0.417	ng/ul	98
11) Acenaphthene	14.642	153	3039	0.074	ng/ul	95
12) Fluorene	15.627	166	4154	0.095	ng/ul#	97
15) Phenanthrene	17.366	178	136141	2.044	ng/ul	99
16) Anthracene	17.459	178	51051	0.912	ng/ul	99
19) Fluoranthene	19.384	202	1334365	25.246	ng/ul#	94
20) Pyrene	19.747	202	1086561	19.175	ng/ul	96
21) Benzo(a)anthracene	21.491	228	697178	16.565	ng/ul	99
22) Chrysene	21.544	228	593990	12.372	ng/ul	97
24) Benzo(b)fluoranthene	23.187	252	901222	15.749	ng/ul	88
26) Benzo(a)pyrene	23.815	252	467609	9.071	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	376080	5.239	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.427	278	100468	1.787	ng/ul	97
29) Benzo(g,h,i)perylene	27.198	276	49799	0.791	ng/ul	98

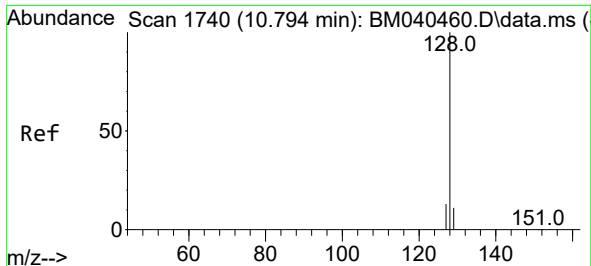
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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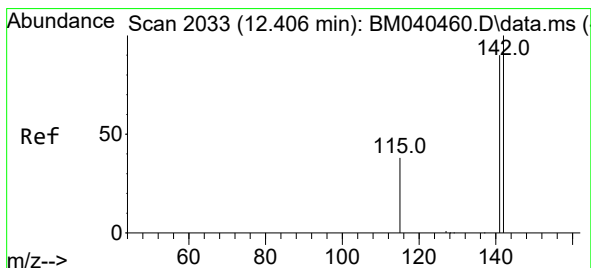
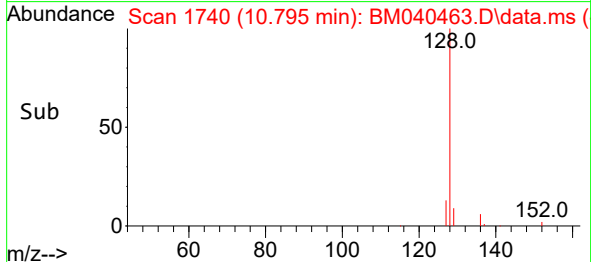
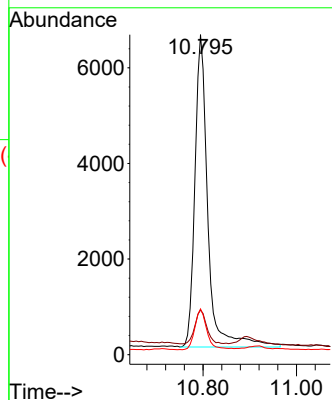
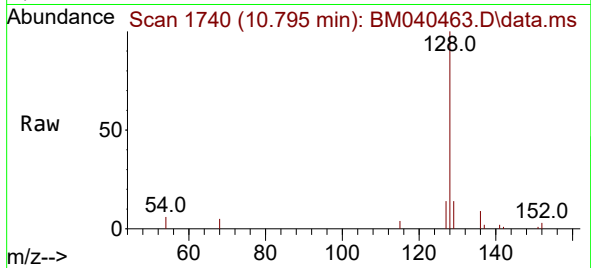




#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

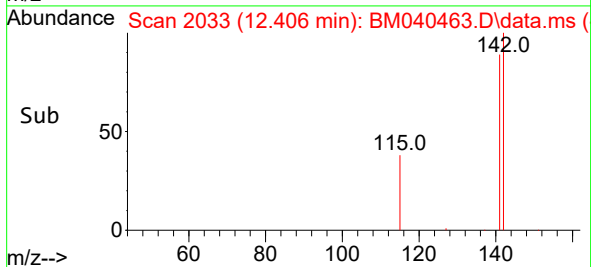
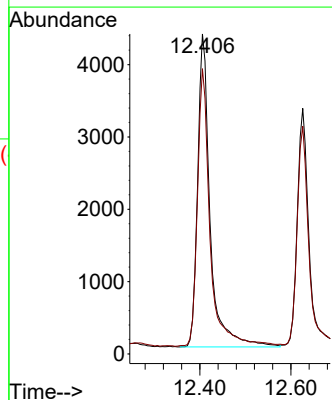
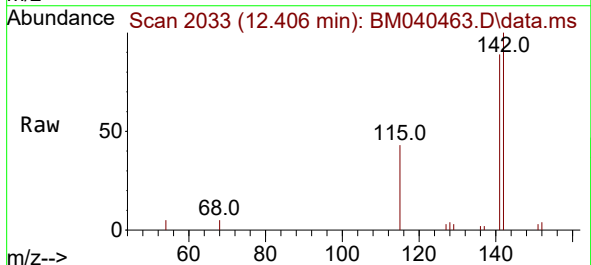
Instrument :
BNA_M
ClientSampleId :
DCFY1

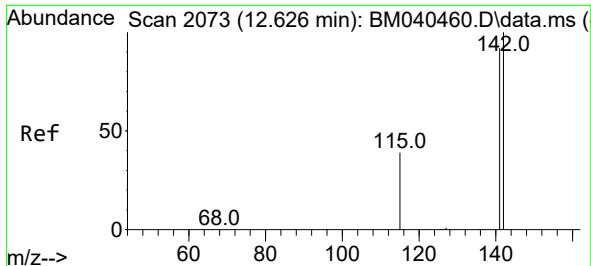
Tgt Ion:128 Resp: 12557
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8#
127 14.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:142 Resp: 8247
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9

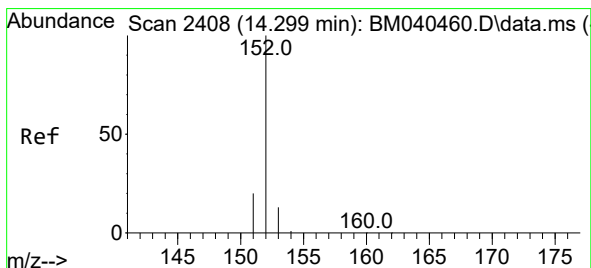
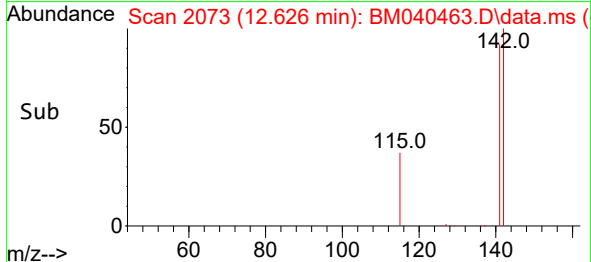
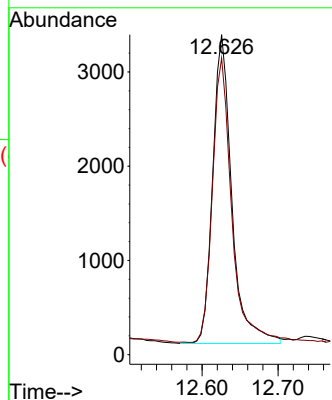
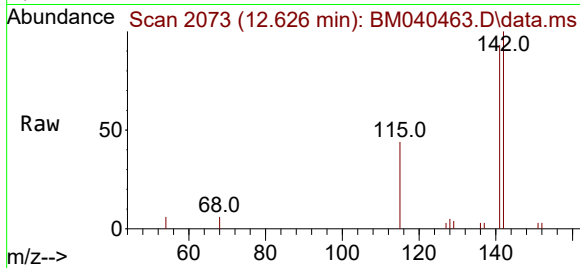




#8
1-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

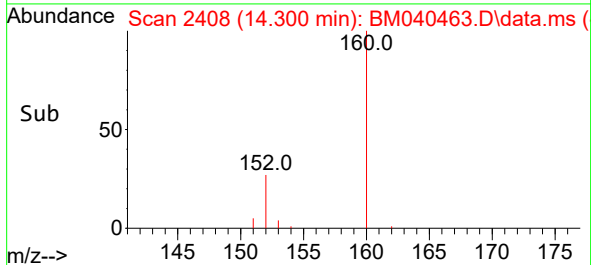
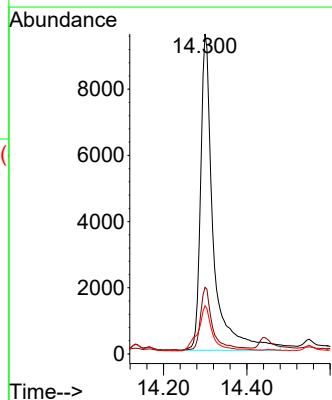
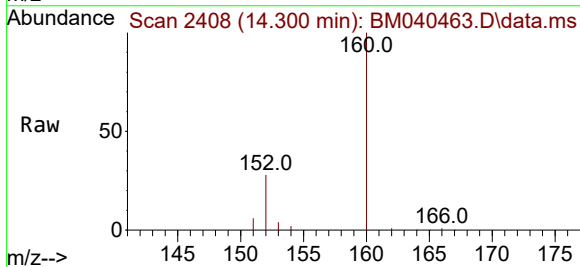
Instrument :
BNA_M
ClientSampleId :
DCFY1

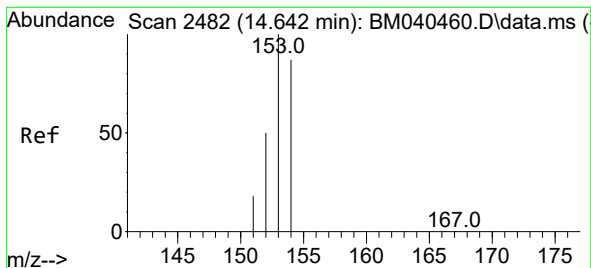
Tgt Ion:142 Resp: 5727
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:152 Resp: 20326
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.0 10.9 16.3





#11

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.642 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Instrument :

BNA_M

ClientSampleId :

DCFY1

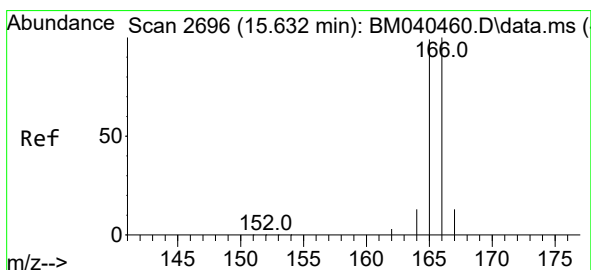
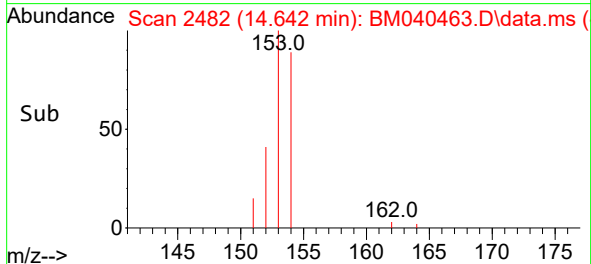
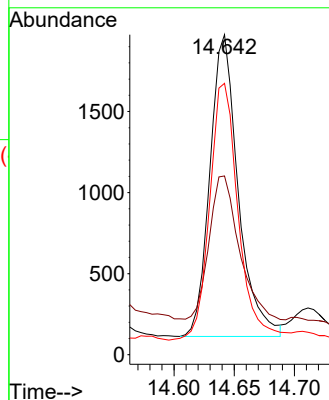
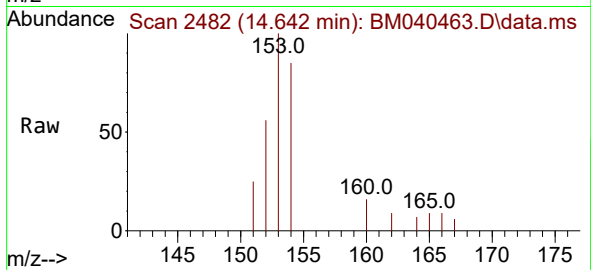
Tgt Ion:153 Resp: 3039

Ion Ratio Lower Upper

153 100

152 55.9 41.0 61.4

154 84.8 70.8 106.2



#12

Fluorene

Concen: 0.095 ng/ul

RT: 15.627 min Scan# 2695

Delta R.T. -0.004 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

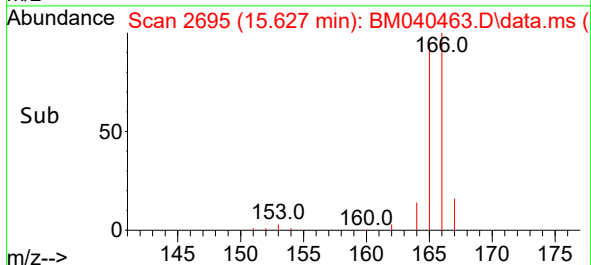
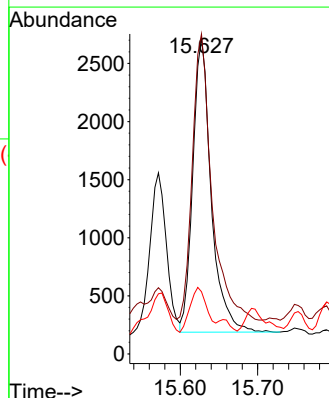
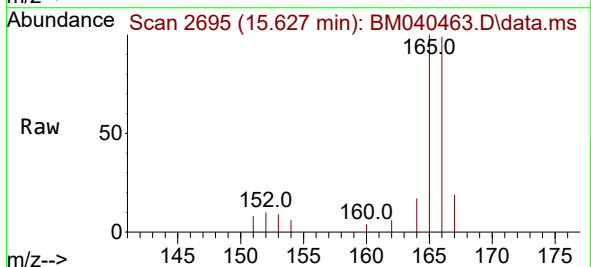
Tgt Ion:166 Resp: 4154

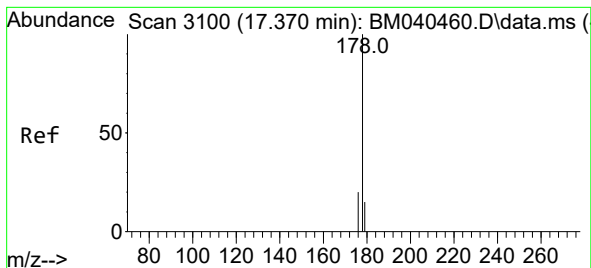
Ion Ratio Lower Upper

166 100

165 101.3 79.6 119.4

167 19.7 11.4 17.0#





#15

Phenanthrene

Concen: 2.044 ng/ul

RT: 17.366 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Instrument :

BNA_M

ClientSampleId :

DCFY1

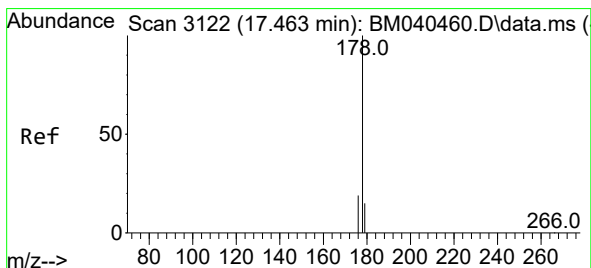
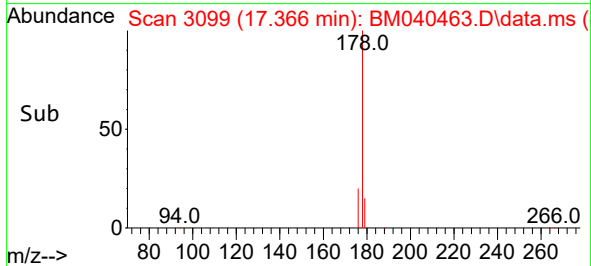
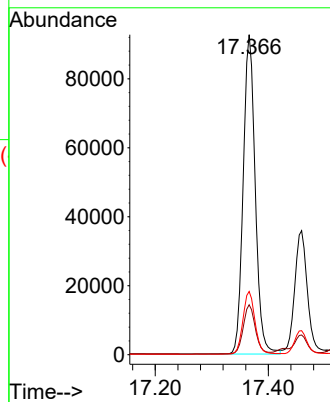
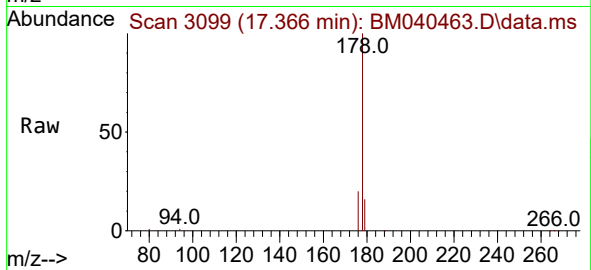
Tgt Ion:178 Resp: 136141

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.7 16.4 24.6



#16

Anthracene

Concen: 0.912 ng/ul

RT: 17.459 min Scan# 3121

Delta R.T. -0.004 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

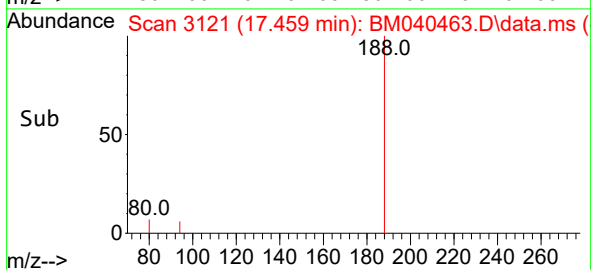
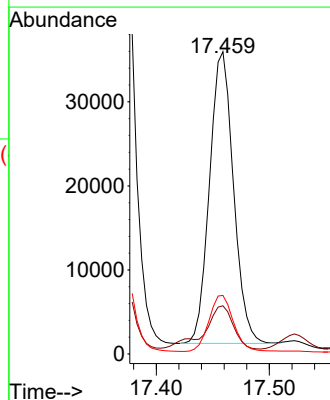
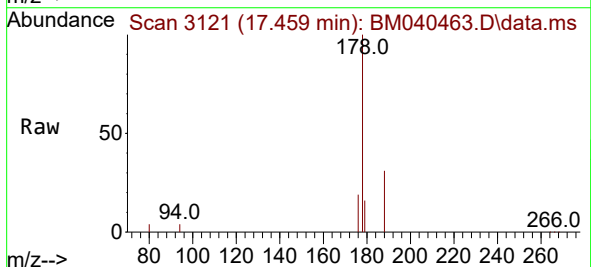
Tgt Ion:178 Resp: 51051

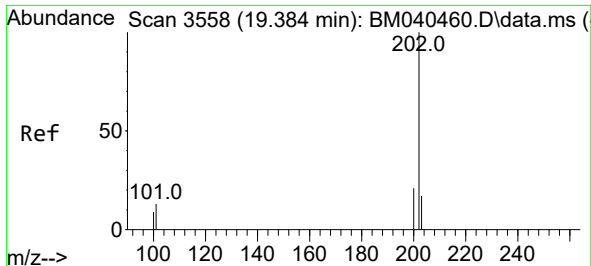
Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

176 19.4 15.8 23.6

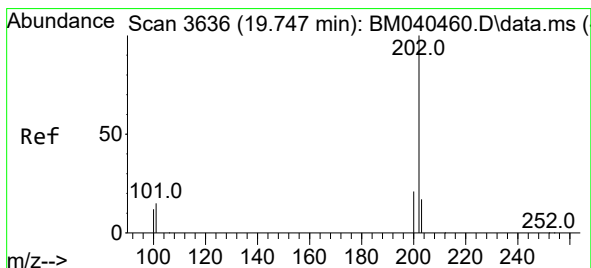
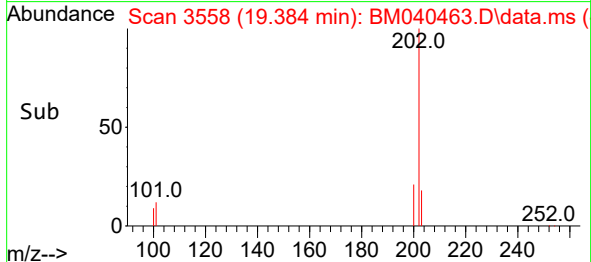
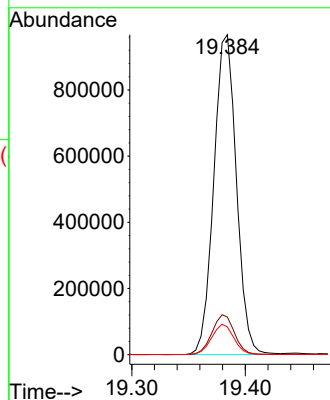
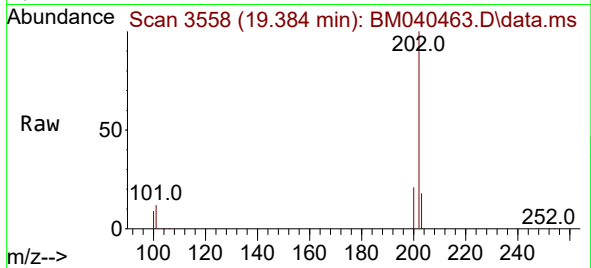




#19
Fluoranthene
Concen: 25.246 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

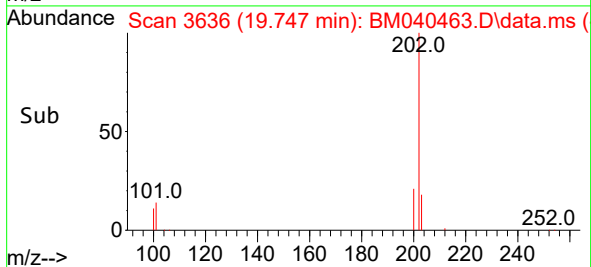
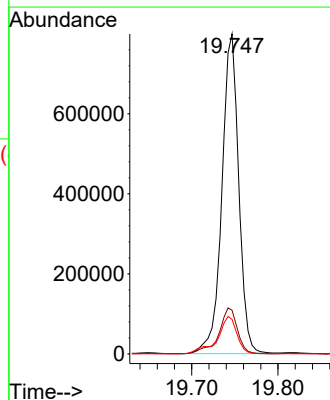
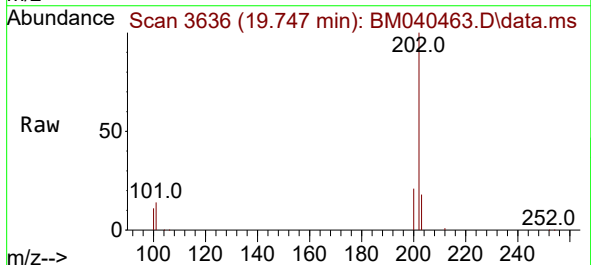
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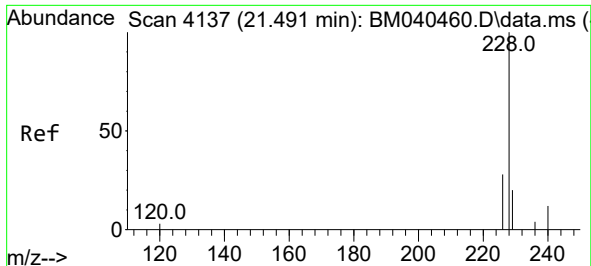
Tgt Ion:202 Resp: 1334365
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 8.6 8.7 13.1#



#20
Pyrene
Concen: 19.175 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:202 Resp: 1086561
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 10.8 9.8 14.6

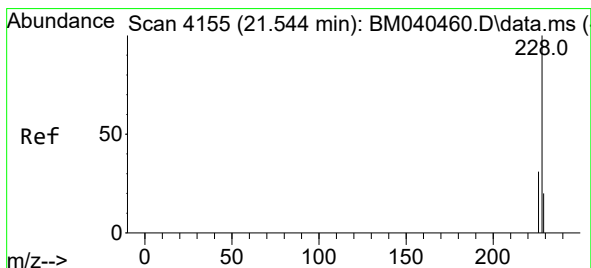
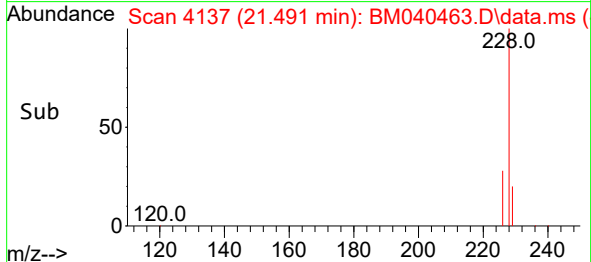
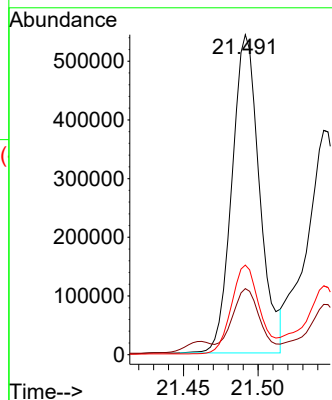
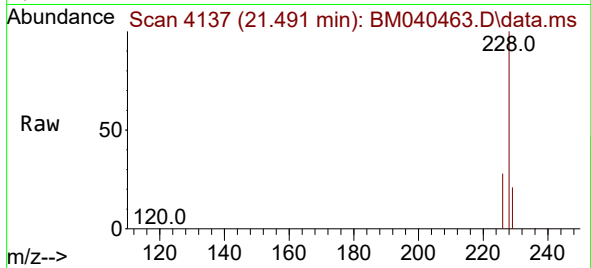




#21
Benzo(a)anthracene
Concen: 16.565 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

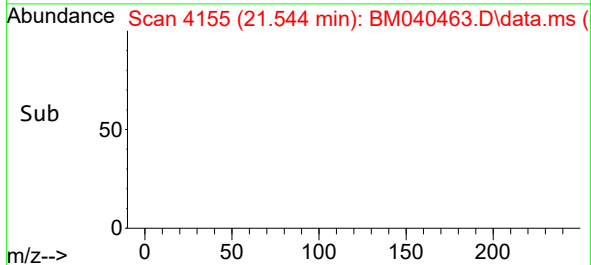
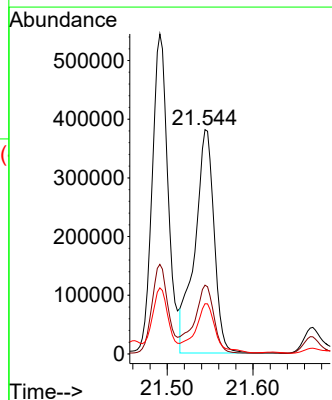
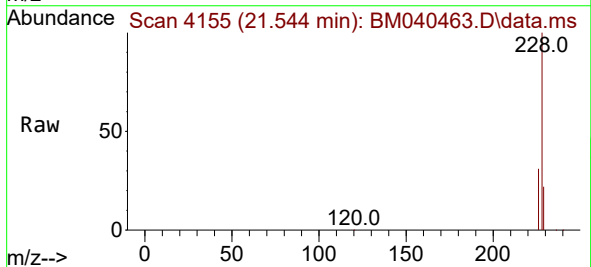
Instrument :
BNA_M
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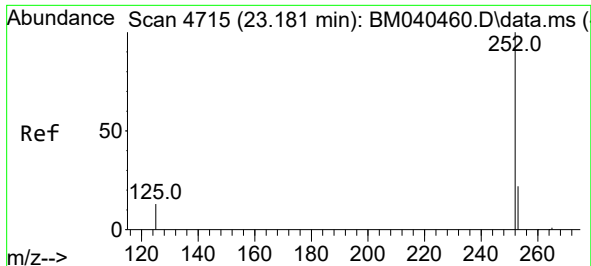
Tgt Ion:228 Resp: 697178
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.0 22.3 33.5



#22
Chrysene
Concen: 12.372 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:228 Resp: 593990
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.4 15.8 23.6

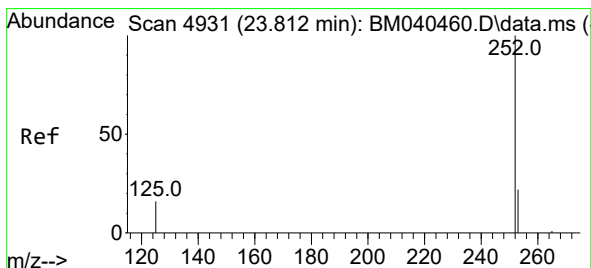
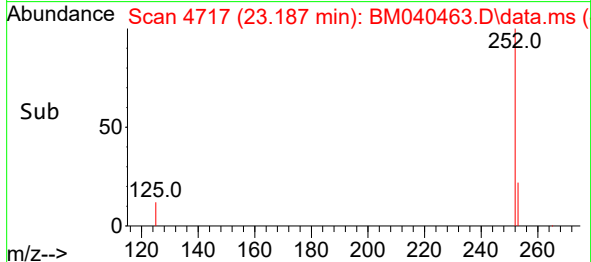
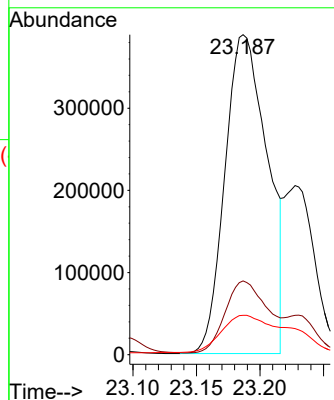
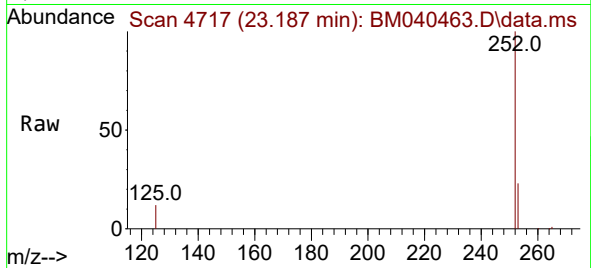




#24
Benzo(b)fluoranthene
Concen: 15.749 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. 0.006 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

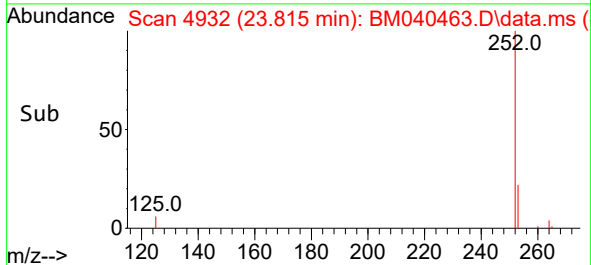
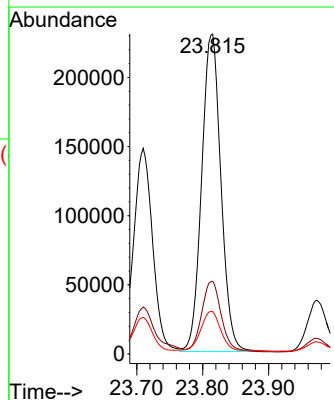
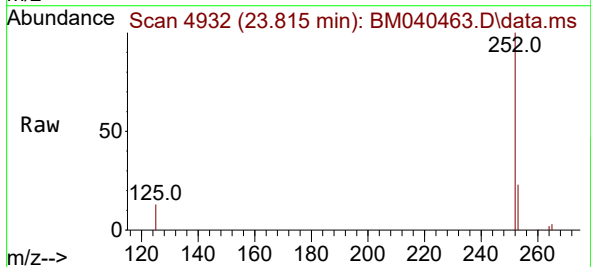
Instrument :
BNA_M
ClientSampleId :
DCFY1

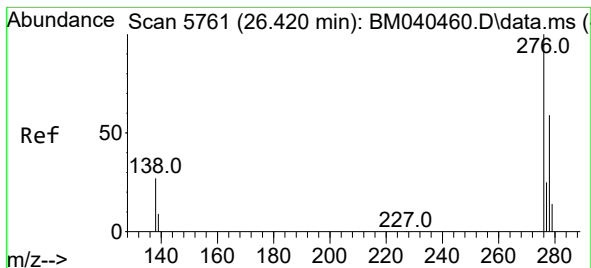
Tgt Ion:252 Resp: 901222
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 12.3 0.0 43.0



#26
Benzo(a)pyrene
Concen: 9.071 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. 0.003 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:252 Resp: 467609
Ion Ratio Lower Upper
252 100
253 22.7 22.9 34.3#
125 13.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 5.239 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Instrument :

BNA_M

ClientSampleId :

DCFY1

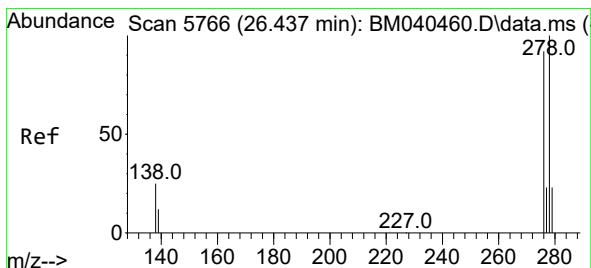
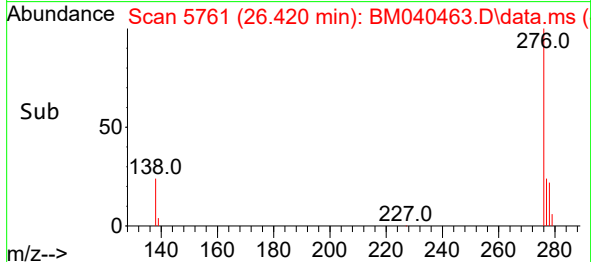
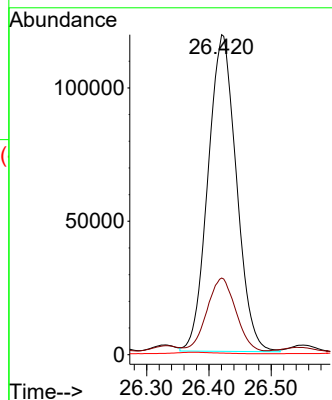
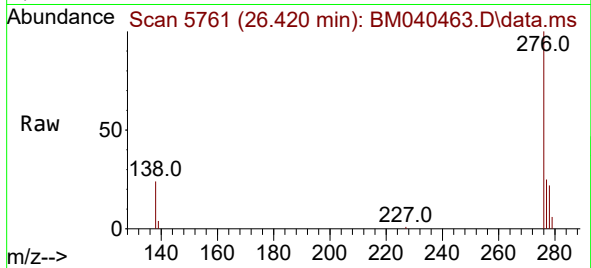
Tgt Ion:276 Resp: 376080

Ion Ratio Lower Upper

276 100

138 23.3 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.787 ng/ul

RT: 26.427 min Scan# 5763

Delta R.T. -0.010 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

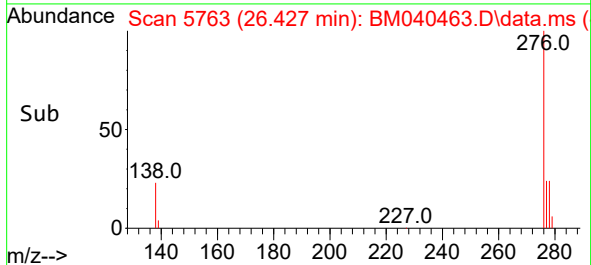
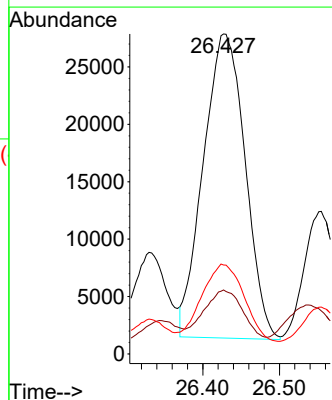
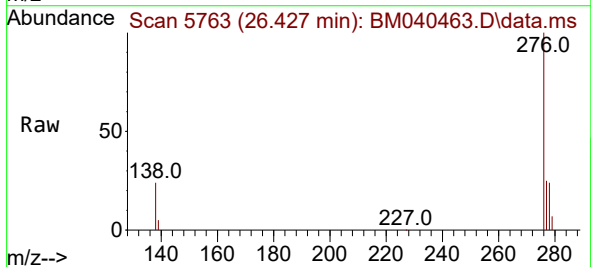
Tgt Ion:278 Resp: 100468

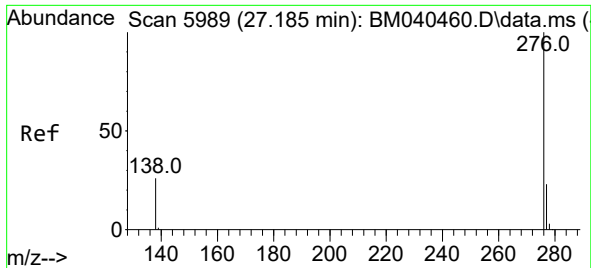
Ion Ratio Lower Upper

278 100

139 20.0 17.9 26.9

279 27.8 22.0 33.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.791 ng/ul
 RT: 27.198 min Scan# 5993
 Delta R.T. 0.014 min
 Lab File: BM040463.D
 Acq: 30 Jun 2023 09:39

Instrument :
 BNA_M
 ClientSampleId :
 DCFY1

Tgt Ion:276 Resp: 49799
 Ion Ratio Lower Upper
 276 100
 138 29.2 23.0 34.6
 277 26.8 20.3 30.5

